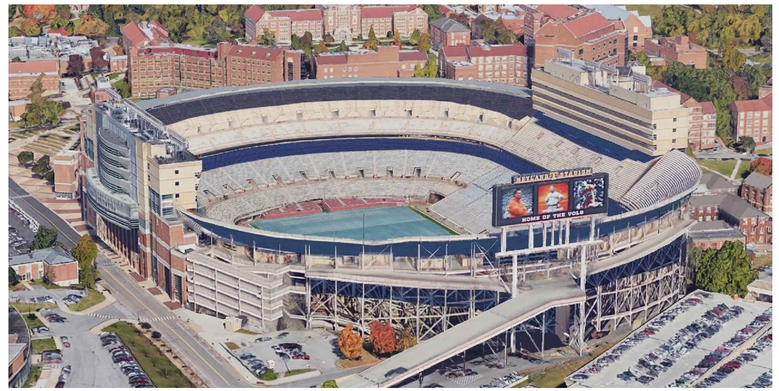
THE UNIVERSITY OF TENNESSEE KNOXVILLE



VENUE

UNIVERSITY OF TENNESSEE KNOXVILLE NEYLAND STADIUM

SITE ADDRESS

1300 PHILLIP FULMER WAY
KNOXVILLE, TN 37916

PROJECT TYPE

HD WI-FI NETWORK DESIGN AND IMPLEMENTATION

PROJECT SUMMARY

VENUE:	UNIVERSITY OF TENNESSEE KNOXVILLE NEYLAND STADIUM
SITE ADDRESS:	1300 PHILLIP FULMER WAY KNOXVILLE, TN 37916
COORDINATES SOURCE:	GOOGLE EARTH
LATITUDE:	~~35°57'18" N~~
LONGITUDE:	~~83°55'29" W~~
CAPACITY:	101,915

PROPERTY CONTACT:

CONTACT PERSON:	THOMAS MOATS ASSISTANT ATHLETIC DIRECTOR FOR INFORMATION TECHNOLOGY
PHONE:	(865) 310-8318
EMAIL:	tmoats@utk.edu

A & E FIRM:

M S BENBOW & ASSOCIATES

CONTACT MANAGER:	KENNETH WRIGHT
PHONE:	(504) 836-8918
EMAIL:	kmwright@msbenbow.com
PROJECT CONTACT:	BRANDON LEON
PHONE:	(504) 836-8946
EMAIL:	bleon@msbenbow.com
PROJECT CONTACT:	GARRETT POLO
PHONE:	(504) 836-8933
EMAIL:	gpolo@msbenbow.com

SCOPE OF WORK

- THE DESIGN AND IMPLEMENTATION OF A PERVASIVE, VERY-HIGH-DENSITY WIFI NETWORK PROVIDING RF COVERAGE AND WIRED ACCESS THROUGHOUT NEYLAND STADIUM FOR THE UNIVERSITY OF TENNESSEE KNOXVILLE.

APPLICABLE CODES

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES.

BUILDING CODE:
INTERNATIONAL BUILDING CODE (IBC)

ELECTRICAL CODE:
NATIONAL ELECTRICAL CODE (NEC)

ENERGY CODE:
NATIONAL ENERGY CODE (NEC)

COMMUNICATIONS CODE:
BUILDING INDUSTRY CONSULTING SERVICE INTERNATIONAL (BICSI)

ACCESSIBILITY REQUIREMENTS:

-

UTILITIES SERVICES

POWER COMPANY:	–
TELECOMMUNICATIONS PROVIDER(s):	–

811 Know what's below. Call before you dig.

VICINITY MAP

SITE DIRECTIONS

SCAN QR CODE FOR LINK TO SITE LOCATION MAP

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

DRAWING INDEX

SEQ.	SHEET	REV	DESCRIPTION
1	TE-23-03849-G-001	2	TITLE SHEET & DRAWING INDEX
2	TE-23-03849-G-002	2	DRAWING INDEX CONT'D
3	TE-23-03849-G-003	2	ABBREVIATIONS AND GENERAL LEGEND SHEET
4	TE-23-03849-G-004	2	GENERAL NOTES SHEET
5	TE-23-03849-T-100	2	OVERALL CONCOURSE LEVEL 0
6	TE-23-03849-T-101	2	ENLARGED CONCOURSE LEVEL 0
7	TE-23-03849-T-102	2	ENLARGED CONCOURSE LEVEL 0
8	TE-23-03849-T-103	2	ENLARGED CONCOURSE LEVEL 0
9	TE-23-03849-T-104	2	ENLARGED CONCOURSE LEVEL 0
10	TE-23-03849-T-105	2	ENLARGED CONCOURSE LEVEL 0
11	TE-23-03849-T-106	2	ENLARGED CONCOURSE LEVEL 0
12	TE-23-03849-T-107	2	ENLARGED CONCOURSE LEVEL 0
13	TE-23-03849-T-108	2	ENLARGED CONCOURSE LEVEL 0
14	TE-23-03849-T-109	2	OVERALL CONCOURSE LEVEL 1
15	TE-23-03849-T-110	2	ENLARGED CONCOURSE LEVEL 1
16	TE-23-03849-T-111	2	ENLARGED CONCOURSE LEVEL 1
17	TE-23-03849-T-112	2	ENLARGED CONCOURSE LEVEL 1
18	TE-23-03849-T-113	2	ENLARGED CONCOURSE LEVEL 1
19	TE-23-03849-T-114	2	ENLARGED CONCOURSE LEVEL 1
20	TE-23-03849-T-115	2	ENLARGED CONCOURSE LEVEL 1
21	TE-23-03849-T-116	2	ENLARGED CONCOURSE LEVEL 1
22	TE-23-03849-T-117	2	ENLARGED CONCOURSE LEVEL 1
23	TE-23-03849-T-118	2	ENLARGED CONCOURSE LEVEL 1
24	TE-23-03849-T-119	2	OVERALL CONCOURSE LEVEL 2
25	TE-23-03849-T-120	2	ENLARGED CONCOURSE LEVEL 2
26	TE-23-03849-T-121	2	ENLARGED CONCOURSE LEVEL 2
27	TE-23-03849-T-122	2	ENLARGED CONCOURSE LEVEL 2
28	TE-23-03849-T-123	2	ENLARGED CONCOURSE LEVEL 2
29	TE-23-03849-T-124	2	ENLARGED CONCOURSE LEVEL 2
30	TE-23-03849-T-125	2	ENLARGED CONCOURSE LEVEL 2
31	TE-23-03849-T-126	2	ENLARGED CONCOURSE LEVEL 2
32	TE-23-03849-T-127	2	ENLARGED CONCOURSE LEVEL 2
33	TE-23-03849-T-128	2	OVERALL CONCOURSE LEVEL 3
34	TE-23-03849-T-129	2	ENLARGED CONCOURSE LEVEL 3
35	TE-23-03849-T-130	2	ENLARGED CONCOURSE LEVEL 3
36	TE-23-03849-T-131	2	ENLARGED CONCOURSE LEVEL 3
37	TE-23-03849-T-132	2	ENLARGED CONCOURSE LEVEL 3
38	TE-23-03849-T-133	2	ENLARGED CONCOURSE LEVEL 3

DRAWING INDEX CONTINUED ON TE-23-03849-G-002

DRAWING PACKAGE SCALED TO 22"x34"

EQUIPMENT MANUFACTURER

aruba
a Hewlett Packard Enterprise company

CLIENT

THE UNIVERSITY OF TENNESSEE KNOXVILLE

REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
2	11/07/24	AS-BUILT	JPP	BML	KMW
1	07/09/24	AS-BUILT	JPP	BML	KMW
0	04/04/23	ISSUED FOR CONSTRUCTION	CTJ	BML	KMW
A	03/17/23	ISSUED FOR APPROVAL	LTT	BML	KMW

ENGINEERING CORPORATION

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UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
TITLE SHEET & DRAWING INDEX

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023	
DESIGNER: L. TRAN	SCALE: AS NOTED	
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-G-001	REV. 2
APPROVAL: K. WRIGHT		

DRAWING INDEX CONTINUED

SEQ.	SHEET	REV	DESCRIPTION
39	TE-23-03849-T-134	2	ENLARGED CONCOURSE LEVEL 3
40	TE-23-03849-T-135	2	ENLARGED CONCOURSE LEVEL 3
41	TE-23-03849-T-136	2	ENLARGED CONCOURSE LEVEL 3
42	TE-23-03849-T-137	2	WEST CONCOURSE LEVEL 1 MEZZANINE
43	TE-23-03849-T-138	2	WEST CONCOURSE LEVEL 3 MEZZANINE
44	TE-23-03849-T-139	2	WEST SKYBOX 4 & 5
45	TE-23-03849-T-140	2	WEST SKYBOX 6 & 7
46	TE-23-03849-T-141	2	EAST SKYBOX 4 & 5
47	TE-23-03849-T-142	2	EAST SKYBOX 6 & 7
48	TE-23-03849-T-143	2	OVERALL LOWER & MIDDLE BOWL
49	TE-23-03849-T-144	2	ENLARGED LOWER & MIDDLE BOWL
50	TE-23-03849-T-145	2	ENLARGED LOWER & MIDDLE BOWL
51	TE-23-03849-T-146	2	ENLARGED LOWER & MIDDLE BOWL
52	TE-23-03849-T-147	2	ENLARGED LOWER & MIDDLE BOWL
53	TE-23-03849-T-148	2	ENLARGED LOWER & MIDDLE BOWL
54	TE-23-03849-T-149	2	ENLARGED LOWER & MIDDLE BOWL
55	TE-23-03849-T-150	2	ENLARGED LOWER & MIDDLE BOWL
56	TE-23-03849-T-151	2	ENLARGED LOWER & MIDDLE BOWL
57	TE-23-03849-T-152	2	OVERALL UPPER BOWL
58	TE-23-03849-T-153	2	ENLARGED UPPER BOWL
59	TE-23-03849-T-154	2	ENLARGED UPPER BOWL
60	TE-23-03849-T-155	2	ENLARGED UPPER BOWL
61	TE-23-03849-T-156	2	ENLARGED UPPER BOWL
62	TE-23-03849-T-157	2	ENLARGED UPPER BOWL
63	TE-23-03849-T-158	2	ENLARGED UPPER BOWL
64	TE-23-03849-T-159	2	ENLARGED UPPER BOWL
65	TE-23-03849-T-160	2	ENLARGED UPPER BOWL
66	TE-23-03849-T-200	2	ACCESS POINT SCHEDULES - CONCOURSE 0
67	TE-23-03849-T-201	2	ACCESS POINT SCHEDULES - CONCOURSE 0
68	TE-23-03849-T-202	2	ACCESS POINT SCHEDULES - CONCOURSE 1
69	TE-23-03849-T-203	2	ACCESS POINT SCHEDULES - CONCOURSE 1
70	TE-23-03849-T-204	2	ACCESS POINT SCHEDULES - CONCOURSE 1
71	TE-23-03849-T-205	2	ACCESS POINT SCHEDULES - CONCOURSE 2
72	TE-23-03849-T-206	2	ACCESS POINT SCHEDULES - CONCOURSE 3
73	TE-23-03849-T-207	2	ACCESS POINT SCHEDULES -WEST SKYBOX & MEZZANINE
74	TE-23-03849-T-208	2	ACCESS POINT SCHEDULES -WEST SKYBOX & MEZZANINE
75	TE-23-03849-T-209	2	ACCESS POINT SCHEDULES - EAST SKY BOX
76	TE-23-03849-T-210	2	ACCESS POINT SCHEDULES - EAST SKY BOX
77	TE-23-03849-T-211	2	ACCESS POINT SCHEDULES - LOWER AND MIDDLE BOWL
78	TE-23-03849-T-212	2	ACCESS POINT SCHEDULES - LOWER AND MIDDLE BOWL
79	TE-23-03849-T-213	2	ACCESS POINT SCHEDULES - LOWER AND MIDDLE BOWL
80	TE-23-03849-T-214	2	ACCESS POINT SCHEDULES - LOWER AND MIDDLE BOWL
81	TE-23-03849-T-215	2	ACCESS POINT SCHEDULES - LOWER AND MIDDLE BOWL
82	TE-23-03849-T-216	2	ACCESS POINT SCHEDULES - LOWER AND MIDDLE BOWL
83	TE-23-03849-T-217	2	ACCESS POINT SCHEDULES - LOWER AND MIDDLE BOWL
84	TE-23-03849-T-218	2	ACCESS POINT SCHEDULES - LOWER AND MIDDLE BOWL
85	TE-23-03849-T-219	2	ACCESS POINT SCHEDULES - LOWER AND MIDDLE BOWL
86	TE-23-03849-T-220	2	ACCESS POINT SCHEDULES - LOWER AND MIDDLE BOWL
87	TE-23-03849-T-221	2	ACCESS POINT SCHEDULES - LOWER AND MIDDLE BOWL
88	TE-23-03849-T-222	2	ACCESS POINT SCHEDULES - LOWER AND MIDDLE BOWL
89	TE-23-03849-T-223	2	ACCESS POINT SCHEDULES - LOWER AND MIDDLE BOWL
90	TE-23-03849-T-224	2	ACCESS POINT SCHEDULES - LOWER AND MIDDLE BOWL
91	TE-23-03849-T-225	2	ACCESS POINT SCHEDULES - LOWER AND MIDDLE BOWL
92	TE-23-03849-T-226	2	ACCESS POINT SCHEDULES - LOWER AND MIDDLE BOWL
93	TE-23-03849-T-227	2	ACCESS POINT SCHEDULES - LOWER AND MIDDLE BOWL
94	TE-23-03849-T-228	2	ACCESS POINT SCHEDULES - LOWER AND MIDDLE BOWL
95	TE-23-03849-T-229	2	ACCESS POINT SCHEDULES - LOWER AND MIDDLE BOWL
96	TE-23-03849-T-230	2	ACCESS POINT SCHEDULES - LOWER AND MIDDLE BOWL
97	TE-23-03849-T-231	2	ACCESS POINT SCHEDULES - UPPER BOWL
98	TE-23-03849-T-232	2	ACCESS POINT SCHEDULES - UPPER BOWL
99	TE-23-03849-T-233	2	ACCESS POINT SCHEDULES - UPPER BOWL
100	TE-23-03849-T-234	2	ACCESS POINT SCHEDULES - UPPER BOWL
101	TE-23-03849-T-235	2	ACCESS POINT SCHEDULES - UPPER BOWL
102	TE-23-03849-T-236	2	ACCESS POINT SCHEDULES - UPPER BOWL
103	TE-23-03849-T-237	2	ACCESS POINT SCHEDULES - UPPER BOWL
104	TE-23-03849-T-238	2	ACCESS POINT SCHEDULES - UPPER BOWL
105	TE-23-03849-T-239	2	ACCESS POINT SCHEDULES - UPPER BOWL
106	TE-23-03849-T-240	2	ACCESS POINT SCHEDULES - UPPER BOWL
107	TE-23-03849-T-241	2	ACCESS POINT SCHEDULES - UPPER BOWL
108	TE-23-03849-T-300	2	INSTALLATION DETAILS
109	TE-23-03849-T-301	2	INSTALLATION DETAILS
110	TE-23-03849-T-302	2	INSTALLATION DETAILS
111	TE-23-03849-T-303	2	INSTALLATION DETAILS
112	TE-23-03849-T-304	2	INSTALLATION DETAILS
113	TE-23-03849-T-305	2	INSTALLATION DETAILS
114	TE-23-03849-T-306	2	INSTALLATION DETAILS
115	TE-23-03849-T-307	2	INSTALLATION DETAILS
116	TE-23-03849-T-308	2	INSTALLATION DETAILS
117	TE-23-03849-T-309	2	INSTALLATION DETAILS
118	TE-23-03849-T-310	2	INSTALLATION DETAILS
119	TE-23-03849-T-400	2	EQUIPMENT RACK ELEVATIONS
120	TE-23-03849-T-401	2	EQUIPMENT RACK ELEVATIONS
121	TE-23-03849-T-402	2	EQUIPMENT RACK ELEVATIONS
122	TE-23-03849-T-403	2	EQUIPMENT RACK ELEVATIONS
123	TE-23-03849-T-500	2	FIBER RISER DIAGRAM
124	TE-23-03849-T-501	2	NETWORK DIAGRAM
125	TE-23-03849-T-502	2	NETWORK DIAGRAM
126	TE-23-03849-T-600	2	DATA SHEETS
127	TE-23-03849-T-601	2	DATA SHEETS
128	TE-23-03849-T-602	2	DATA SHEETS
129	TE-23-03849-T-901	2	SOUTH STADIUM RENOVATIONS PLAN VIEW
130	TE-23-03849-T-902	2	SOUTH STADIUM RENOVATIONS PLAN VIEW
131	TE-23-03849-T-921	2	ACCESS POINT SCHEDULE
132	TE-23-03849-T-931	2	RACK ELEVATIONS & INSTALLATION DETAILS

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

EQUIPMENT MANUFACTURER

aruba
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THE UNIVERSITY OF TENNESSEE KNOXVILLE

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C	5/18/23	ISSUED FOR APPROVAL	LTT	BML	KMW
B	03/31/23	ISSUED FOR APPROVAL	LTT	BML	KMW
A	03/17/23	ISSUED FOR APPROVAL	LTT	BML	KMW

ENGINEERING CORPORATION

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UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
DRAWING INDEX CONT'D

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-G-002
APPROVAL: K. WRIGHT	REV. 2

ABBREVIATIONS

℄	CENTERLINE
ℙ	PLATE
A/D	ANALOG-TO-DIGITAL
AAS	ADAPTIVE ANTENNA SYSTEM
AC	AUTHENTICATION CENTER
ACK	ACKNOWLEDGE OR ACKNOWLEDGEMENT
ACPR	ADJACENT - CHANNEL POWER RATIO
ADC	ANALOG - TO - DIGITAL CONVERTER
AFF	ABOVE FINISHED FLOOR
AGL	ABOVE GRADE LEVEL
AM	ACKNOWLEDGED MODE
AMBR	AGGREGATE MAXIMUM BIT RATE
AMC	ADAPTIVE MODULATION AND CODING
AMPS	ADVANCED MOBILE PHONE SYSTEM
AMSL	ABOVE MEAN SEA LEVEL
AN	ACCESS NETWORK
ANT	ANTENNA
AP	ACCESS POINT
APN	ACCESS POINT NAME
APPROX	APPROXIMATE
ARP	ADDRESS RESOLUTION PROTOCOL
ARP	ALLOCATION AND RETENTION PRIORITY
ARQ	AUTOMATIC REPEAT REQUEST
AS	APPLICATION SERVER
ASP	APPLICATION SERVICE PROVIDER
ATM	ASYNCHRONOUS TRANSFER MODE
AWG	AMERICAN WIRE GAUGE
AWS	ADVANCED WIRELESS SERVICES
BCCH	BROADCAST CONTROL CHANNEL
BCH	BROADCAST CHANNEL
BER	BIT ERROR RATE
BICSI	BUILDING INDUSTRY CONSULTING SERVICE INTERNATIONAL
BLDG	BUILDING
BLER	BLOCK ERROR RATE
BPSK	BINARY PHASE SHIFT KEYING
BSC	BASE STATION CONTROLLER
BSS	BASE STATION SYSTEM / SUBSYSTEM
BTS	BASE TRANSMISSION STATION
BW	BANDWIDTH
C/(N+I)	CARRIER-TO-NOISE PLUS INTERFERENCE
C/I	CARRIER-TO-INTERFERENCE RATIO
CAD	COMPUTER AIDED DESIGN
CDMA	CODE DIVISION MULTIPLE ACCESS
CE	CYCLIC EXTENSION
CFI	CHANNEL FORMAT INDICATOR
CLR	CLEAR
CN	CORE NETWORK
CND	CONDUIT
COA	CARE OF ADDRESS
COL	COLUMN
CONC	CONCRETE
CP	CIRCULARLY POLARIZED
CPICH	COMMON PILOT CHANNEL
CQI	CHANNEL QUALITY INDICATOR
CRC	CYCLIC REDUNDANCY CHECK
C-RNTI	CELL RADIO NETWORK TEMPORARY IDENTITY
CS	CIRCUIT-SWITCHED
CSCF	CALL SESSION CONTROL FUNCTION
CS-CN	CIRCUIT SWITCHED CORE NETWORK
CSI	CHANNEL STATE INFORMATION
CW	CONTINUOUS WAVE
DAS	DISTRIBUTED ANTENNA SYSTEM
DB	DECIBEL
DBD	DECIBEL REFERENCED TO DIPOLE ANTENNA
DBI	DECIBEL REFERENCED TO ISOTROPIC ANTENNA
DBM	DECIBEL POWER RELATIVE TO 1 MILLIWATT
DBW	DECIBEL POWER RELATIVE TO 1 WATT
DCCH	DEDICATED CONTROL CHANNEL
DCI	DOWNLINK CONTROL INFORMATION
DFT	DISCRETE FOURIER TRANSFORM
DHCP	DYNAMIC HOST CONFIGURATION PROTOCOL
DL	DOWNLINK
DL-SCH	DOWNLINK SHARED CHANNEL
DNS	DOMAIN NAME SYSTEM
DPM	DOMINANT PATH MODEL
DRA	DYNAMIC RESOURCE ALLOCATION
DRX	DISCONTINUOUS RECEPTION
DS	DIRECT SPREAD
DSCP	DIFFERENTIATED SERVICE CODE POINT
DTCH	DEDICATED TRAFFIC CHANNEL
DTX	DISCONTINUOUS TRANSMISSION
DWG	DRAWING
ECM	EPS CONNECTION MANAGEMENT
EGB	EQUIPMENT GROUND BAR
EIRP	EFFECTIVE ISOTROPIC RADIATED POWER
ELEC	ELECTRICAL
ELEV	ELEVATION
EM	ELECTROMAGNETIC
EMC	ELECTROMAGNETIC COMPATIBILITY
EMM	EPS MOBILITY MANAGEMENT
EMT	ELECTRICAL METALLIC TUBING
ENB	E-UTRAN NODE B
EPC	EVOLVED PACKET CORE
EPS	EVOLVED PACKET SYSTEM
EQUIP	EQUIPMENT
ESP	ENCAPSULATING SECURITY PAYLOAD
E-UTRA	EVOLVED UMTS TERRESTRIAL RADIO ACCESS
EV-DO	EVOLUTION FOR DATA OPTIMIZED
EXIST	EXISTING
EXT	EXTERIOR
FA	FOREIGN AGENT
FDD	FREQUENCY DIVISION DUPLEX
FDM	FREQUENCY DIVISION MULTIPLEXING
FDMA	FREQUENCY DIVISION MULTIPLE ACCESS
FEC	FORWARD ERROR CORRECTION
FFT	FAST FOURIER TRANSFORM
FMC	FIXED MOBILE CONVERGENCE
FNBW	FIRST-NULL BEAMWIDTH
FND	FOUNDATION
FSL	FREE SPACE LOSS
FT	FOOT (FEET)
GA	GAUGE
GALV	GALVANIZED
GBR	GUARANTEED BIT RATE
GGSN	GATEWAY GPRS SUPPORT NODE
GHZ	GIGAHERTZ
GI	GUARD INTERVAL
GND	GROUND
GP	GUARD PERIOD
GPRS	GENERAL PACKET RADIO SERVICE
GPS	GLOBAL POSITIONING SYSTEM
GSM	GLOBAL SYSTEM FOR MOBILE COMMUNICATION
GT	GUARD TIME
GTP	GPRS TUNNELING PROTOCOL
GTP-U	GTP USER PLANE
GUMMEI	GLOBALLY UNIQUE MME IDENTITY
GUTI	GLOBALLY UNIQUE TEMPORARY UE IDENTITY
GW	GATEWAY
H&S	HEALTH AND SAFETY
HA	HOME AGENT
H-ARQ	HYBRID ARQ
HDTV	HI DEFINITION TV
H-FDD	HALF-FREQUENCY DIVISION DUPLEX
HLR	HOME LOCATION REGISTER
HO	HANDOVER
HPBW	HALF-POWER BEAMWIDTH
HPLMN	HOME PLMN
HSDPA	HIGH SPEED DOWNLINK PACKET ACCESS
HSPA	HIGH SPEED PACKET ACCESS
HSS	HOME SUBSCRIBER SERVER
HSUPA	HIGH SPEED UPLINK PACKET ACCESS
ICI	INTER-CARRIER INTERFERENCE
ICIC	INTER-CELL INTERFERENCE COORDINATION
IDFT	INVERSE DISCRETE FOURIER TRANSFORM
IEEE	INSTITUTE OF ELECTRICAL & ELECTRONICS ENGINEERS
IETF	INTERNET ENGINEERING TASK FORCE
IFFT	INVERSE FAST FOURIER TRANSFORM
MIEI	INTERNATIONAL MOBILE EQUIPMENT IDENTITY
IMS	IP MULTIMEDIA SUBSYSTEM
IMSI	INTERNATIONAL MOBILE SUBSCRIBER IDENTITY
IMT	INTERNATIONAL MOBILE TELECOMMUNICATION
IN	INTELLIGENT NETWORKS
IN	INCH (ES)
INT	INTERIOR
IP	INTERNET PROTOCOL
IPSEC	INTERNET PROTOCOL SECURITY
IPV4	INTERNET PROTOCOL VERSION 4
ISI	INTER-SYMBOL INTERFERENCE
ISUP	ISDN SIGNALING USER PART
ITU	INTERNATIONAL TELECOMMUNICATION UNION
KBPS	KILO-BITS PER SECOND
KHZ	KILO HERTZ
KPI	KEY PERFORMANCE INDICATORS
L1	LAYER 1 (PHYSICAL LAYER)
L3	LAYER 3 (NETWORK LAYER)
LAN	LOCAL AREA NETWORK
LB	LOAD BALANCING
LB. (#)	POUND(S)
LCR	LOW CHIP RATE
LHCP	LEFT-HAND CIRCULARLY POLARIZED
LI	LAWFUL INTERCEPT
LMR	LAND MOBILE RADIO
LOS	LINE OF SIGHT
LTE	LONG TERM EVOLUTION
MAC	MEDIUM ACCESS CONTROL
MAPL	MAXIMUM ACCEPTABLE PATH LOSS
MAX	MAXIMUM
MBMS	MULTIMEDIA BROADCAST MULTICAST SERVICE
MBR	MAXIMUM BIT RATE
MBSFN	MBMS SINGLE FREQUENCY NETWORK
MCCH	MULTICAST CONTROL CHANNEL
MCH	MULTICAST CHANNEL
MCM	MULTI-CARRIER MODULATION
MCP	MEASUREMENT CAMPAIGN PLAN
ME	MOBILE EQUIPMENT
MFR	MANUFACTURER
MGB	MASTER GROUND BAR
MGCF	MEDIA GATEWAY CONTROL FUNCTION
MGW	MEDIA GATEWAY
MHZ	MEGA HERTZ
MIB	MASTER INFORMATION BLOCK
MIMO	MULTIPLE INPUT MULTIPLE OUTPUT
MIN	MINIMUM
MIP	MOBILE IP
MISO	MULTIPLE INPUT SINGLE OUTPUT
MMD	MULTIMEDIA DOMAIN
MME	MOBILITY MANAGEMENT ENTITY
MMEGI	MME GROUP IDENTITY
MMS	MULTIMEDIA MESSAGING SERVICE
MS	MOBILE STATION
MSC	MOBILE SWITCHING CENTER
MTCH	MBMS TRAFFIC CHANNEL
MWM	MULTI-WALL-MODEL
NACK	NEGATIVE ACK
NAS	NON-ACCESS STRATUM
NBM	NETWORK BASED MOBILITY
NLOS	NON LINE OF SIGHT
NTS	NOT TO SCALE
O.C.	ON CENTER
OE/OT	OVERHEAD ELECTRIC/TELCO
OLOS	OBSTRUCTED LINE OF SIGHT
OSS	OPERATIONS SYSTEM SUPPORT
PAN	PERSONAL AREA NETWORKS
PAPR	PEAK-TO-AVERAGE POWER RATIO
PBCH	PHYSICAL BROADCAST CHANNEL
PCCH	PAGING CONTROL CHANNEL
PCH	PAGING CHANNEL
PCRF	POLICY AND CHARGING RULE FUNCTION
PCS	PERSONAL COMMUNICATIONS SERVICE
PDCCH	PHYSICAL DEDICATED CONTROL CHANNEL
PDCP	PACKET DATA CONVERGENCE PROTOCOL
PDN	PACKET DATA NETWORK
PDP	PACKET DATA PROTOCOL
PDP	POLICY DECISION POINT
PDSCH	PHYSICAL DOWNLINK SHARED CHANNEL
PDU	PROTOCOL DATA UNIT
PEL	PLANE EARTH LOSS
P-GW	PDN GATEWAY
PHICH	PHYSICAL HYBRID ARQ INDICATOR CHANNEL
PHY	PHYSICAL LAYER
PLMN	PUBLIC LAND MOBILE NETWORK
PMCH	PHYSICAL MULTICAST CHANNEL
PMIP	PROXY MIP
PN	PSEUDO-RANDOM NOISE
PRACH	PHYSICAL RANDOM ACCESS CHANNEL
PRB	PHYSICAL RESOURCE BLOCK
PRI	PRIMARY RATE INTERFACE
P-RNTII	PAGING RADIO NETWORK TEMPORARY IDENTITY
P-SCH	PRIMARY SYNCHRONIZATION CHANNEL
PSDU	PROTOCOL SERVICE DATA UNIT
PSK	PHASE SHIFT KEYING
PSTN	PUBLIC SWITCHED TELEPHONE NETWORK
PUCCH	PHYSICAL UPLINK CONTROL CHANNEL
PUSCH	PHYSICAL UPLINK SHARED CHANNEL
QAM	QUADRATURE AMPLITUDE MODULATION
QCI	QOS CLASS IDENTIFIERS
QOS	QUALITY OF SERVICE
QPSK	QUADRATURE PHASE SHIFT KEYING
RACH	RANDOM ACCESS CHANNEL
RAN	RADIO ACCESS NETWORK
RAT	RADIO ACCESS TECHNOLOGY
RB	RESOURCE BLOCK
RF	RADIO FREQUENCY
RGS	RIGID GALVANIZED STEEL
RHCP	RIQHT-HAND CIRCULARLY POLARIZED
RLC	RADIO LINK CONTROL
ROCH	ROBUST HEADER COMPRESSION
ROI	RETURN ON INVESTMENT
RRC	RADIO RESOURCE CONTROL
RRM	RADIO RESOURCE MANAGEMENT
RRU	REMOTE RADIO UNIT
RSL	RECEIVE SIGNAL LEVEL
RSRP	REFERENCE SYMBOL RECEIVED POWER
RSSI	RECEIVED SIGNAL STRENGTH INDICATOR
RX	RECEIVE
S1-U	S1 - USER PLANE
SAE	SYSTEM ARCHITECTURE EVOLUTION
SAR	SPECIFIC ABSORPTION RATES
SC	SINGLE CARRIER
SCH	SYNCHRONIZATION CHANNEL
SCTP	STREAM CONTROL TRANSMISSION PROTOCOL
SDF	SERVICE DATA FLOWS
SDMA	SPATIAL DIVISION MULTIPLE ACCESS
SDU	SERVICE DATA UNIT
SF	SQUARE FOOT
SG	SIGNALING GATEWAY
S-GW	SERVING GATEWAY
SI	SYSTEM INFORMATION
SI-1	SYSTEM INFORMATION MESSAGE 1
SIB	SYSTEM INFORMATION BLOCK
SIMO	SINGLE INPUT MULTIPLE OUTPUT
SINR	SIGNAL TO INTERFERENCE PLUS NOISE RATION
SIP	SESSION INITIATION PROTOCOL
SIR	SIGNAL-TO-INTERFERENCE RATIO
SISO	SINGLE-INPUT/SINGLE-OUTPUT
SM	SPATIAL MULTIPLEXING
SMS	SHORT MESSAGE SERVICE
SN	SERVICE NODE
SNR	SIGNAL-TO-NOISE RATIO
SOM	SYSTEM OPERATING MARGIN
SQE	SIGNAL QUALITY ESTIMATOR
SRNC	SERVING RADIO NETWORK CONTROLLER
STC	SPACE TIME CODING
STL	STEEL
TA	TRACKING AREA
TAI	TRACKING AREA IDENTIFIER
TDD	TIME DIVISION DUPLEX
TDM	TIME DIVISION MULTIPLEXING
TDMA	TIME DIVISION MULTIPLE ACCESS
TEID	TUNNEL ENDPOINT IDENTIFIER
TFT	TRAFFIC FLOW TEMPLATE
TM	TRANSPARENT MODE
TTI	TRANSMISSION TIME INTERVAL
TX	TRANSMIT OUT
TYP	TYPICAL
UCI	UPLINK CONTROL INFORMATION
UDP	USER DATAGRAM PROTOCOL
UE	USER EQUIPMENT
UE/UT	UNDERGROUND ELECTRIC/TELCO
UHF	ULTRA HIGH FREQUENCY
UL	UPLINK
UL-SCH	UPLINK SHARED CHANNEL
UM	UNACKNOWLEDGED MODE
UMA	UNLICENSED MOBILE ACCESS
UMTS	UNIVERSAL MOBILE TELECOMMUNICATIONS SYS
UNO	UNLESS NOTED OTHERWISE
UPPTS	UPLINK PILOT TIME SLOT
UPTS	UPLINK TIME SLOT
UWB	ULTRA WIDE BAND
VHF	VERY HIGH FREQUENCY
VIF	VERIFY IN FIELD
VOIP	VOICE OVER INTERNET PROTOCOL
VPLMN	VISITED PLMN
VRB	VIRTUAL RESOURCE BLOCKS
VSWR	VOLTAGE STANDING WAVE RATIO
W/	WITH
WAP	WIRELESS ACCESS POINT
WCDMA	WIDEBAND CODE DIVISION MULTIPLE ACCESS
WI-FI	WIRELESS FIDELITY
XFMR	WORLDWIDE INTEROPERABILITY FOR MICROWAVE ACCESS
XFMR	TRANSFORMER

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

GENERAL LEGEND

CENTERLINE	
PROPERTY LINE	
LEASE LINE	
EASEMENT LINE	
FENCE LINE	X — X
ELECTRIC	E — E
OVERHEAD	OE — OE
UNDERGROUND	UE — UE
FIBER	F — F
OVERHEAD	OF — OF
UNDERGROUND	UF — UF
TELEPHONE	T — T
OVERHEAD	OT — OT
UNDERGROUND	UT — UT
ELECTRIC & FIBER	E/F — E/F
OVERHEAD	OE/OF — OE/OF
UNDERGROUND	UE/UF — UE/UF
ELECTRIC & TELEPHONE	E/T — E/T
OVERHEAD	OE/OT — OE/OT
UNDERGROUND	UE/UT — UE/UT
DC POWER	DC — DC
COAX	CX — CX
CAT5	CAT5 — CAT5
CAT5E	CAT5E — CAT5E
CAT6	CAT6 — CAT6
CAT6A	CAT6A — CAT6A
SEWER	S — S
STORM	SS — SS
WATER	W — W

DIRECTIONAL ACCESS POINT / ANTENNA

OMNI ACCESS POINT / ANTENNA

ACCESS POINT WITH OMNI EXTERNAL ANTENNA

MDF / IDF TELCO ROOM

SECTION REFERENCE

ELEVATION REFERENCE

DUPLEX RECEPTACLE

QUADPLEX RECEPTACLE

TELE/DATA RECEPTACLE

DATA RECEPTACLE

EQUIPMENT MANUFACTURER

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UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
ABBREVIATIONS AND GENERAL LEGEND SHEET

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-G-003
APPROVAL: K. WRIGHT	REV. 2

NOTES

GENERAL:

1. ALL EXISTING UTILITIES, FACILITIES, CONDITIONS, AND THEIR DIMENSIONS SHOWN ON PLANS HAVE BEEN PLOTTED FROM AVAILABLE RECORDS. THE ENGINEER AND OWNER ASSUME NO RESPONSIBILITY WHATSOEVER AS TO THE SUFFICIENCY OR ACCURACY OF THE INFORMATION SHOWN ON THE PLANS OR THE MANNER OF THEIR REMOVAL OR ADJUSTMENT. CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING EXACT LOCATION OF ALL EXISTING UTILITIES AND FACILITIES PRIOR TO START OF CONSTRUCTION. CONTRACTOR SHALL ALSO OBTAIN FROM EACH UTILITY COMPANY DETAILED INFORMATION RELATIVE TO WORKING SCHEDULES AND METHODS OF REMOVING OR ADJUSTING EXISTING UTILITIES.
2. CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES BOTH HORIZONTALLY AND VERTICALLY PRIOR TO START OF CONSTRUCTION. ANY DISCREPANCIES OR DOUBTS AS TO THE INTERPRETATION OF PLANS SHOULD BE IMMEDIATELY REPORTED TO THE ENGINEER FOR RESOLUTION AND INSTRUCTION, AND NO FURTHER WORK SHALL BE PERFORMED UNTIL THE DISCREPANCY IS CHECKED AND CORRECTED BY THE ENGINEER. FAILURE TO SECURE SUCH INSTRUCTION MEANS CONTRACTOR WILL HAVE WORKED AT HIS/HER OWN RISK AND EXPENSE.
3. IN THE EVENT A BUILDING PERMIT IS REQUIRED BY LOCAL JURISDICTION, THEN THE BUILDING DEPARTMENT ISSUING THE BUILDING PERMIT SHALL BE NOTIFIED AT LEAST TWO WORKING DAYS PRIOR TO THE COMMENCEMENT OF WORK OR AS STIPULATED BY THE CODE ENFORCEMENT OFFICIAL HAVING JURISDICTION.
4. CONTRACTOR SHALL PROVIDE AND INSTALL THE FOLLOWING MATERIALS:
   a. WAP/ANTENNA SUPPORTS
   b. CAT6A CABLES
   c. CABLE TRAY, J-HOOKS, CABLE RACEWAY, CONDUIT, ETC.
   d. EQUIPMENT RACKS, ELECTRICAL WAP ENCLOSURES, FIBER OPTIC CABLING, NEMA ENCLOSURES, PATCH PANELS, ETC.
5. CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL OTHER MATERIALS FOR THE COMPLETE INSTALLATION OF THE SITE INCLUDING, BUT NOT LIMITED TO, SUCH MATERIALS AS FENCING, GROUNDING RINGS, GROUNDING WIRES, COPPER-CLAD OR XIT CHEMICAL GROUND ROD(S), BUSS BARS, TRANSFORMERS AND DISCONNECT SWITCHES WHERE APPLICABLE, ELECTRICAL FEEDER WIRE, CONDUIT, CORE DRILLING, SLEEPERS AND RUBBER MATTING, MISCELLANEOUS FASTENERS, ANGLE BRACKETS & SNAP-IN HANGERS, CABLE TRAY WITH COVER, STANDARD & NON-STANDARD ANTENNA FRAMES, BRACKETS, PIPES FOR MOUNTING, AC/TELCO INTERFACE BOX AND ALL OTHER MATERIAL AND LABOR REQUIRED TO COMPLETE THE JOB ACCORDING TO THE DRAWINGS AND SPECIFICATIONS.
6. ALL PERMITTING SHALL BE PAID BY CONTRACTOR.
7. ALL WORK, MATERIAL, AND EQUIPMENT SHALL COMPLY WITH ALL REQUIREMENTS OF THE LATEST EDITIONS AND INTERIM AMENDMENTS OF THE NATIONAL ELECTRICAL CODE (NEC). NATIONAL ELECTRICAL SAFETY CODE, OSHA, BICSI, AND ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS AND ORDINANCES. ALL ELECTRICAL EQUIPMENT PROVIDED UNDER THIS CONTRACT SHALL BE NEW (EXCEPT WHERE OTHERWISE NOTED) AND SHALL COMPLY WITH THE REQUIREMENTS OF THE UNDERWRITERS' LABORATORIES (U.L.) AND BEAR THE U.L. LABEL.
8. OWNER OR ENGINEER RESERVES THE RIGHT TO REJECT ANY EQUIPMENT OR MATERIALS WHICH, IN THEIR OPINION ARE NOT IN COMPLIANCE WITH THE CONTRACT DOCUMENTS, EITHER BEFORE OR AFTER INSTALLATION AND THE EQUIPMENT SHALL BE REPLACED WITH EQUIPMENT CONFORMING TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS BY THE CONTRACTOR AT NO COST TO THE OWNER.
9. CONTRACTOR SHALL PROVIDE SUBMITTALS FOR ALL MATERIALS THAT DEVIATE FROM THE MATERIALS SPECIFIED HEREIN. OWNER SHALL PROVIDE WRITTEN APPROVAL FOR ALL MATERIAL SUBSTITUTIONS.
10. CONTRACTOR IS RESPONSIBLE TO NOTIFY OWNER/ENGINEER IF THE STRUCTURAL INTEGRITY OF THE SURFACE BEING MOUNTED ON WILL BE COMPROMISED BY THE PREPARED INSTALLATION.
11. OWNER SHALL CONSULT WITH THEIR STRUCTURAL ENGINEER TO CONFIRM THAT ANY LOADS ADDED TO THE BUILDING STRUCTURE BY THIS DESIGN WILL NOT COMPROMISE THE INTEGRITY OF THE STRUCTURE. ALL CONCRETE WORK, INCLUDING CORE DRILLING, SHALL BE APPROVED BY THE OWNER AND OWNER'S STRUCTURAL ENGINEER BEFORE THE OUTSET OF INSTALLATION BY THE CONTRACTOR.

CABLE TRAYS/RACEWAYS:

12. ALL CABLE TRAY AND RACEWAYS USED IN THIS DESIGN SHALL BE PROCURED AND INSTALLED IN ACCORDANCE WITH THE UNIVERSITY OF TENNESSEE KNOXVILLE OFFICE OF INFORMATION TECHNOLOGY INFORMATION AND COMMUNICATION INFRASTRUCTURE STRUCTURED CABLING DESIGN AND INSTALLATION REQUIREMENTS DOCUMENT.

STRUCTURED CABLING:

13. ALL STRUCTURED CABLING USED IN THIS DESIGN SHALL BE PROCURED AND INSTALLED IN ACCORDANCE WITH THE UNIVERSITY OF TENNESSEE KNOXVILLE OFFICE OF INFORMATION TECHNOLOGY INFORMATION AND COMMUNICATION INFRASTRUCTURE STRUCTURED CABLING DESIGN AND INSTALLATION REQUIREMENTS DOCUMENT UNLESS OTHERWISE STATED IN THIS DESIGN.
14. ALL CAT6A CABLES WILL BE ROUTED DIRECTLY TO AND TERMINATED IN THE SER ROOMS THAT ALLOW CABLE DISTANCES TO BE IN COMPLIANCE WITH BICSI AND OIT STANDARDS.
15. 24 AND 48 PORT PATCH PANELS TO BE INSTALLED IN 19 INCH 2 POST FLOOR MOUNT RELAY RACKS UNLESS OTHERWISE NOTED IN THIS DESIGN.
16. ALL CABLING RUNS WILL FOLLOW HALLWAYS AND NOT CUT ACROSS THE CEILING GRIDS DIAGONALLY.
17. ALL CABLE RUNS MUST BE A MINIMUM OF 12 INCHES FROM ALL FLUORESCENT LIGHTS AND EMF SOURCES.
18. ALL CABLE RUNS IN CEILINGS WILL HAVE 10 FOOT SERVICE LOOP LEFT IN THE CEILING AT THE FAR END OUTLET AND 10 FOOT SERVICE LOOP IN THE SER.
19. ALL CABLE RUNS TO WAPS LOCATED IN NEMA ENCLOSURES WILL HAVE ONE FOOT SERVICE LOOP LEFT IN THE ENCLOSURE AT THE FAR END AND 10 FOOT SERVICE LOOP IN THE SER.
20. CABLE TRAYS SECURED TO THE CONCRETE/STEEL DECK ARE PREFERRED FOR ABOVE THE CEILING CABLE ROUTING AND MOUNTING. HORIZONTAL T INSTALLATION OF CABLE TRAY WILL PROVIDE MULTIPLE PATHWAYS FOR THE CABLE.
21. ALL WIRELESS ACCESS POINT LOCATIONS IN THE SEATING BOWL SHOULD BE PROVIDED WITH (1) CAT6A RATED CABLE INSTALLED TO THE REFERENCED SER LOCATION. ALL WIRELESS ACCESS POINT LOCATIONS IN NON-BOWL AREAS SHOULD BE PROVIDED WITH (2) CAT6A CABLES INSTALLED TO THE REFERENCED SER LOCATION. ALL INSTALLED CABLES SHALL PASS A CABLE ANALYZER CERTIFICATION TEST (FLUKE DSX CABLEANALYZER OR EQUIVALENT) RUN BY THE CABLE INSTALLER, AND TEST RESULTS SHALL BE PROVIDED TO THE ENGINEER.
22. ALL CABLES WILL BE LABELED ON EACH END FOR TROUBLESHOOTING IDENTIFICATION PURPOSES IN ACCORDANCE WITH ACCESS POINT SCHEDULES ON SHEETS TE-23-03849-T-200 THROUGH TE-23-03849-T-252.
23. ALL CABLING TERMINATIONS WILL ADHERE TO BICSI AND TIA/EIA 568A STANDARDS.
24. CABLES WILL BE ATTACHED IN SEPARATE BUNDLES BY TYPE FOR ALL CABLES USING VELCRO STRIPS TO ATTACH.
25. CAT6A CABLE RUNS SHALL NOT EXCEED A DISTANCE OF 300 FEET INCLUDING SERVICE LOOPS.
26. EACH SER LOCATION INCLUDED IN THIS DESIGN SHOULD BE PROVIDED WITH A MINIMUM OF 24 STRANDS SINGLEMODE FIBER INSTALLED TO THE MDF.

MATERIALS LIST (EQUIVALENT MATERIAL ACCEPTABLE) (STRUCTURED CABLING):

27. ALL MATERIALS USED IN THIS DESIGN SHALL BE PROCURED AND INSTALLED IN ACCORDANCE WITH THE UNIVERSITY OF TENNESSEE KNOXVILLE OFFICE OF INFORMATION TECHNOLOGY INFORMATION AND COMMUNICATION INFRASTRUCTURE STRUCTURED CABLING DESIGN AND INSTALLATION REQUIREMENTS DOCUMENT.

GROUNDING:

28. ALL SITE EQUIPMENT SHALL BE GROUNDED IN ACCORDANCE WITH THE LATEST EDITION OF LIGHTNING PROTECTION CODE NFPA 780, UNIVERSITY OF TENNESSEE KNOXVILLE STANDARDS, AND HPE/ARUBA AND OTHER HARDWARE REQUIREMENTS.
29. ALL SITE EQUIPMENT SHALL BE GROUNDED AND BONDED IN ACCORDANCE WITH THE NFPA 70 ARTICLE 250, UNIVERSITY OF TENNESSEE KNOXVILLE STANDARDS, AND HARDWARE REQUIREMENTS.

ACCESS POINTS AND ANTENNAS:

30. ALL OMNI ACCESS POINTS (AP) SHALL BE PHYSICALLY INSTALLED WITH NOTIFICATION LED'S FACING THE EXTERIOR WALL OF FACILITY.
31. ALL DIRECTIONAL AP'S SHALL BE PHYSICALLY INSTALLED WHERE THE ARUBA LOGO IS POSITIONED RIGHT SIDE UP ONLY UNLESS OTHERWISE NOTED.
32. ALL BRACKETS FOR ALL AP'S AND ANTENNAS SHALL BE INSTALLED IN A MANNER THAT WILL ALLOW THE CORRECT AP/ANTENNA PLACEMENT AND PROPER ORIENTATION.
33. IF REQUIRED CONTRACTOR SHALL USE ONLY LATEX-BASED, NON-METALLIC PAINT FOR THIS APPLICATION ONLY. THE COATING SHALL BE THIN ENOUGH SO AS NOT TO IMPACT ANTENNA PERFORMANCE. CONTRACTOR SHALL NOTIFY ENGINEER ONCE A SMALL PERCENTAGE OF ANTENNAS HAVE BEEN PAINTED TO ENSURE ENGINEER CAN TEST ANTENNAS PRIOR TO DEPLOYMENT TO VERIFY THAT THE SPECIFIC PAINT CHOSEN DOES NOT IMPACT PERFORMANCE.
34. AP AND ANTENNA PLACEMENT SHALL BE INSTALLED BASED ON PLAN DRAWINGS. CONTRACTOR SHALL HAVE A 36" FLEXIBILITY IN ALL LOCATIONS UNLESS OTHERWISE NOTED.
35. IN THE EVENT AN AP LOCATION PER THIS DESIGN PACKAGE IS NOT ACCESSIBLE OR INSTALLATION IS NOT POSSIBLE DUE TO A PHYSICAL OBSTRUCTION, THE CONTRACTOR SHALL NOTIFY ENGINEER PRIOR TO RELOCATING OUTSIDE OF THE ALLOWABLE 36" FLEXIBILITY OF INSTALLATION.
36. ALL CATEGORY CABLES SHALL BE CONNECTED TO ETHERNET PORT 0 ON AP UNLESS OTHERWISE NOTED.
37. A MINIMUM SEPARATION OF 4'-0" IS REQUIRED BETWEEN ALL WIFI ACCESS POINTS AND ANY OTHER RF SOURCE DEVICE.

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

EQUIPMENT MANUFACTURER

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1	04/03/24	AS-BUILT	JPP	BML	KMW
0	05/18/23	ISSUED FOR CONSTRUCTION	LTT	BML	KMW
B	03/31/23	ISSUED FOR APPROVAL	LTT	BML	KMW
A	03/17/23	ISSUED FOR APPROVAL	LTT	BML	KMW

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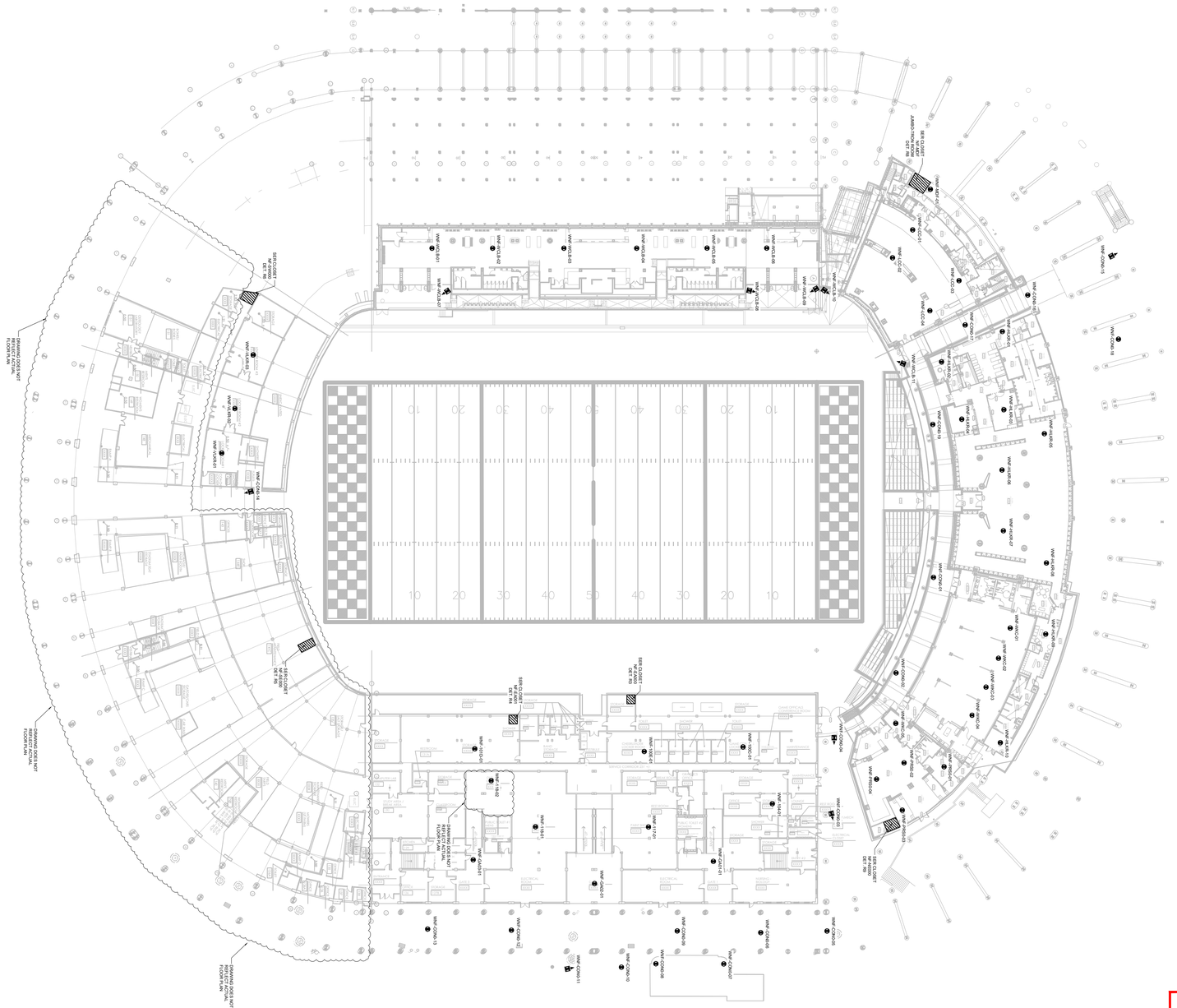
UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
GENERAL NOTES SHEET

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-G-004
APPROVAL: K. WRIGHT	REV. 2



CONCOURSE LEVEL 0 OVERALL PLAN VIEW

Scale: 3/128"=1'-0"

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
2. REFERENCE DRAWING TE-23-03849-G-004 FOR ALL GENERAL NOTES.
3. REFERENCE DRAWING TE-23-03849-T-200 THROUGH TE-23-03849-T-241 FOR ALL ACCESS POINT AND ANTENNA INFORMATION. (MODEL #, TYPE, DOWNTILT, MOUNTING DETAIL, ETC.)

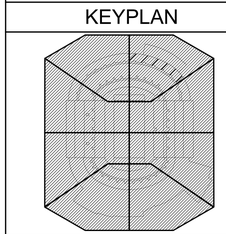
IN THE EVENT AP LOCATION PER DESIGN PACKAGE IS NOT ACCESSIBLE OR INSTALLATION IS NOT POSSIBLE DUE TO PHYSICAL OBSTRUCTION AND DEVIATION IS GREATER THAN 36", CONTRACTOR/OWNER SHALL NOTIFY ENGINEER PRIOR TO RELOCATING OUTSIDE OF THE ALLOWABLE INSTALLATION ALLOWANCE OF 36".

ACCESS POINT LABEL NOMENCLATURE

WNF-XXXX-00

WIFI NEYLAND FIELD — LEVEL — ROOM NO. — SEQUENCE

KEYPLAN



LEGEND

- DIRECTIONAL ACCESS POINT / ANTENNA
- OMNI ACCESS POINT / ANTENNA
- TM — MONITOR FOR MENU BOARD OUTLET - NUMBER CAT 6A CABLES
- POS — POINTOF SALE OUTLET - NUMBER CAT 6A CABLES

EQUIPMENT MANUFACTURER	CLIENT
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REVISION

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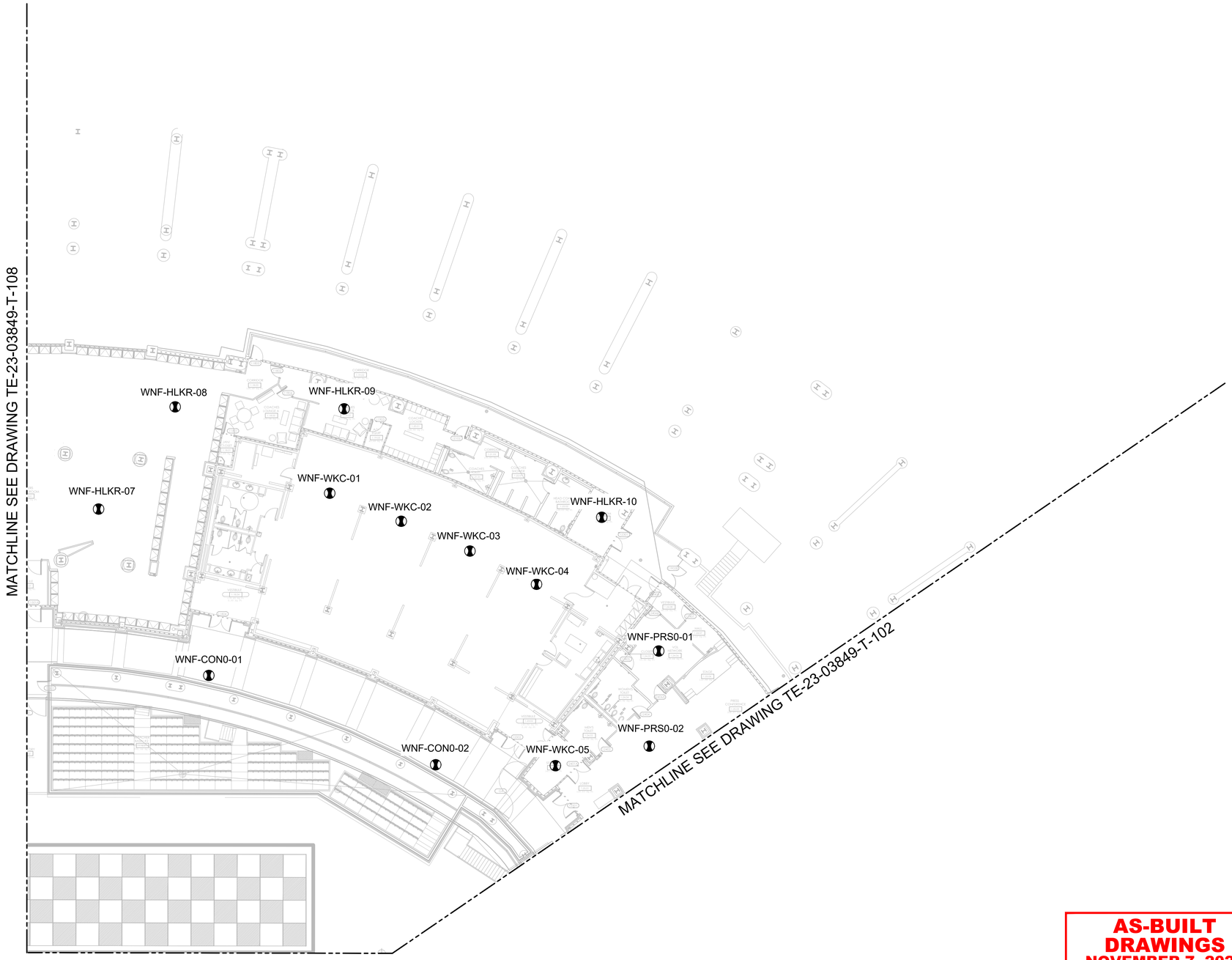
UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
CONCOURSE LEVEL 0 OVERALL PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-100 — REV. 2
APPROVAL: K. WRIGHT	



CONCOURSE LEVEL 0 ENLARGED PLAN VIEW

Scale: 1/16"=1'-0"

AS-BUILT DRAWINGS NOVEMBER 7, 2024

NOTES:

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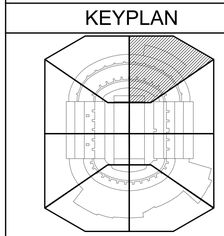
ACCESS POINT LABEL NOMENCLATURE

WNF-XXXX-00

WIFI NEYLAND FIELD — LEVEL — ROOM NO. — SEQUENCE

KEYPLAN



LEGEND

- DIRECTIONAL ACCESS POINT / ANTENNA
- OMNI ACCESS POINT / ANTENNA
- TM — MONITOR FOR MENU BOARD OUTLET - NUMBER CAT 6A CABLES
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EQUIPMENT MANUFACTURER

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UNIVERSITY OF TENNESSEE KNOXVILLE

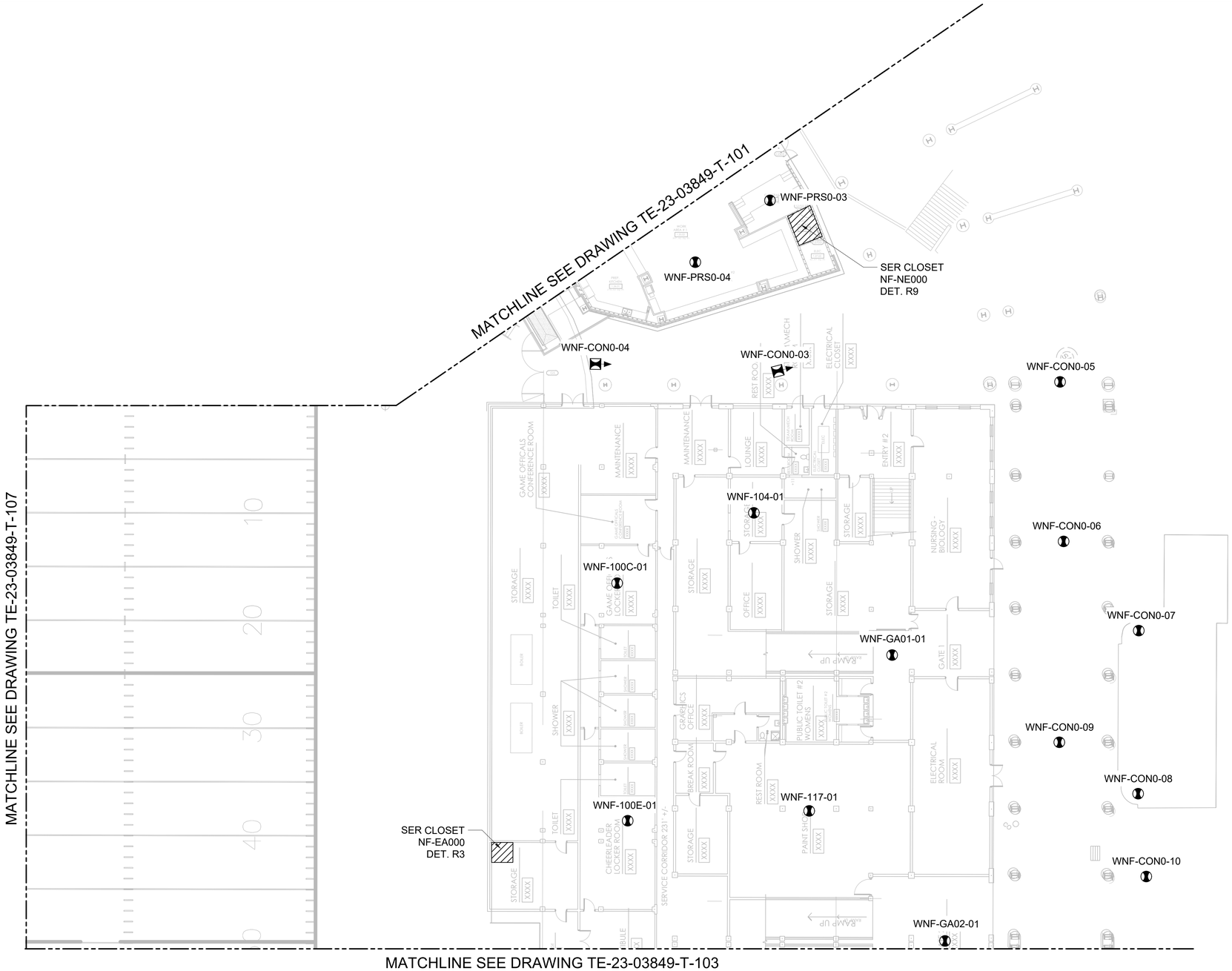
NEYLAND STADIUM

HD WI-FI NETWORK DESIGN AND IMPLEMENTATION

CONCOURSE LEVEL 0 ENLARGED PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-101 — REV. 2
APPROVAL: K. WRIGHT	



CONCOURSE LEVEL 0 ENLARGED PLAN VIEW

Scale: 1/16"=1'-0"

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
2. REFERENCE DRAWING TE-23-03849-G-004 FOR ALL GENERAL NOTES.
3. REFERENCE DRAWING TE-23-03849-T-200 THROUGH TE-23-03849-T-241 FOR ALL ACCESS POINT AND ANTENNA INFORMATION. (MODEL #, TYPE, DOWNTILT, MOUNTING DETAIL, ETC.)

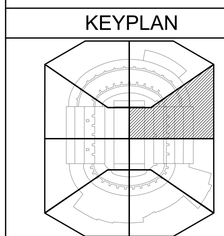
IN THE EVENT AP LOCATION PER DESIGN PACKAGE IS NOT ACCESSIBLE OR INSTALLATION IS NOT POSSIBLE DUE TO PHYSICAL OBSTRUCTION AND DEVIATION IS GREATER THAN 36", CONTRACTOR/OWNER SHALL NOTIFY ENGINEER PRIOR TO RELOCATING OUTSIDE OF THE ALLOWABLE INSTALLATION ALLOWANCE OF 36".

ACCESS POINT LABEL NOMENCLATURE

WNF-XXXX-00

WIFI NEYLAND FIELD — LEVEL — ROOM NO. — SEQUENCE

KEYPLAN



LEGEND

- DIRECTIONAL ACCESS POINT / ANTENNA
- OMNI ACCESS POINT / ANTENNA
- TM — MONITOR FOR MENU BOARD OUTLET - NUMBER CAT 6A CABLES
- POS — POINTOF SALE OUTLET - NUMBER CAT 6A CABLES

EQUIPMENT MANUFACTURER

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a Hewlett Packard Enterprise company

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REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
2	11/07/24	AS-BUILT	JPP	BML	KMW
1	07/09/24	AS-BUILT	JPP	BML	KMW
0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BLM	KMW
A	05/02/23	ISSUED FOR APPROVAL	LTT	BLM	KMW

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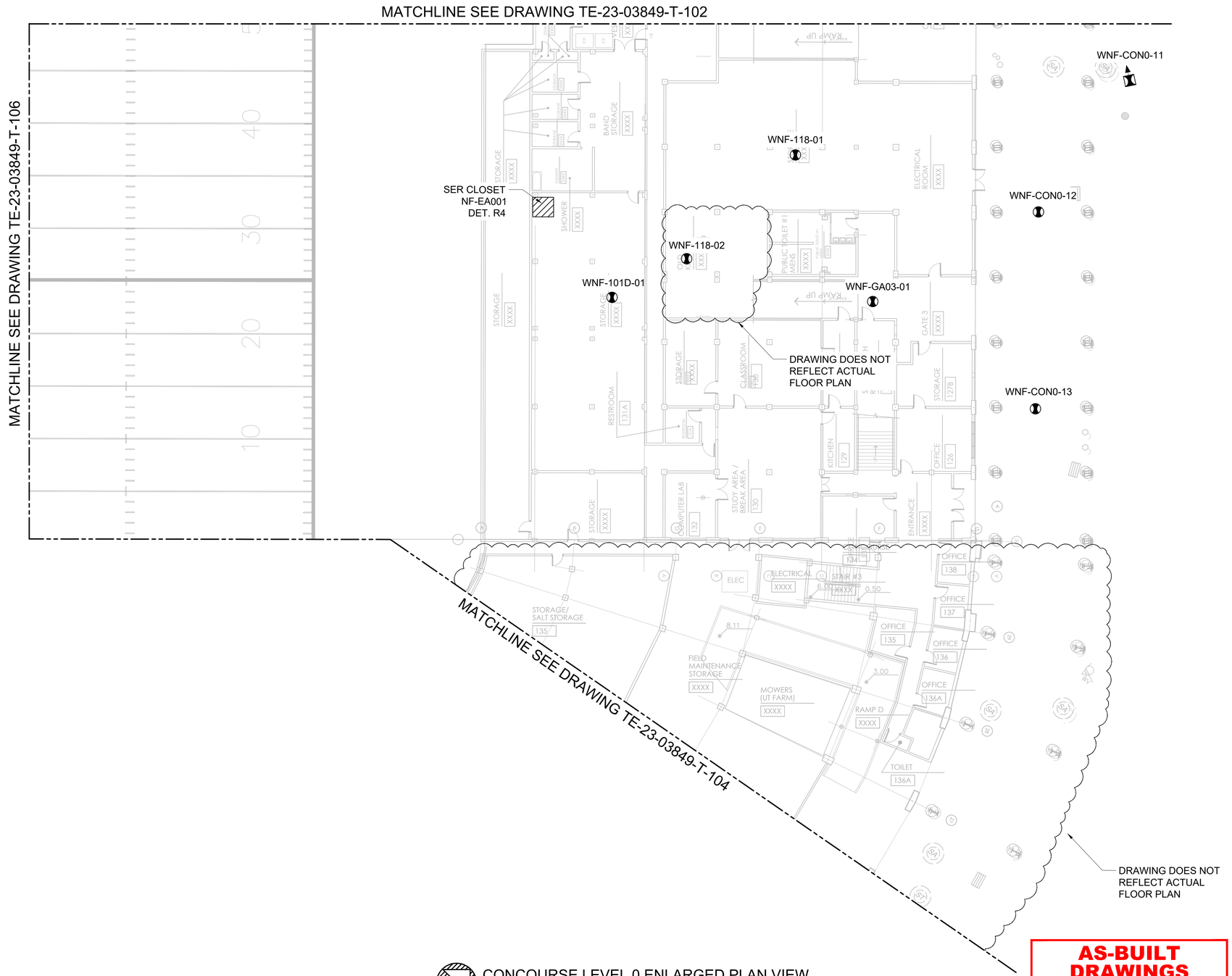
UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
CONCOURSE LEVEL 0 ENLARGED PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-102 — REV. 2
APPROVAL: K. WRIGHT	



CONCOURSE LEVEL 0 ENLARGED PLAN VIEW

Scale: 1/16"=1'-0"

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
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3. REFERENCE DRAWING TE-23-03849-T-200 THROUGH TE-23-03849-T-241 FOR ALL ACCESS POINT AND ANTENNA INFORMATION. (MODEL #, TYPE, DOWNTILT, MOUNTING DETAIL, ETC.)

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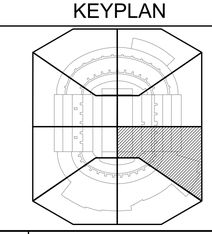
ACCESS POINT LABEL NOMENCLATURE

WNF-XXXX-00

WIFI NEYLAND FIELD
LEVEL
ROOM NO.
SEQUENCE

KEYPLAN



LEGEND

- DIRECTIONAL ACCESS POINT / ANTENNA
- OMNI ACCESS POINT / ANTENNA
- TM — MONITOR FOR MENU BOARD OUTLET - NUMBER CAT 6A CABLES
- POS — POINTOF SALE OUTLET - NUMBER CAT 6A CABLES

EQUIPMENT MANUFACTURER

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REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
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1	07/09/24	AS-BUILT	JPP	BML	KMW
0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BLM	KMW
A	05/02/23	ISSUED FOR APPROVAL	LTT	BLM	KMW

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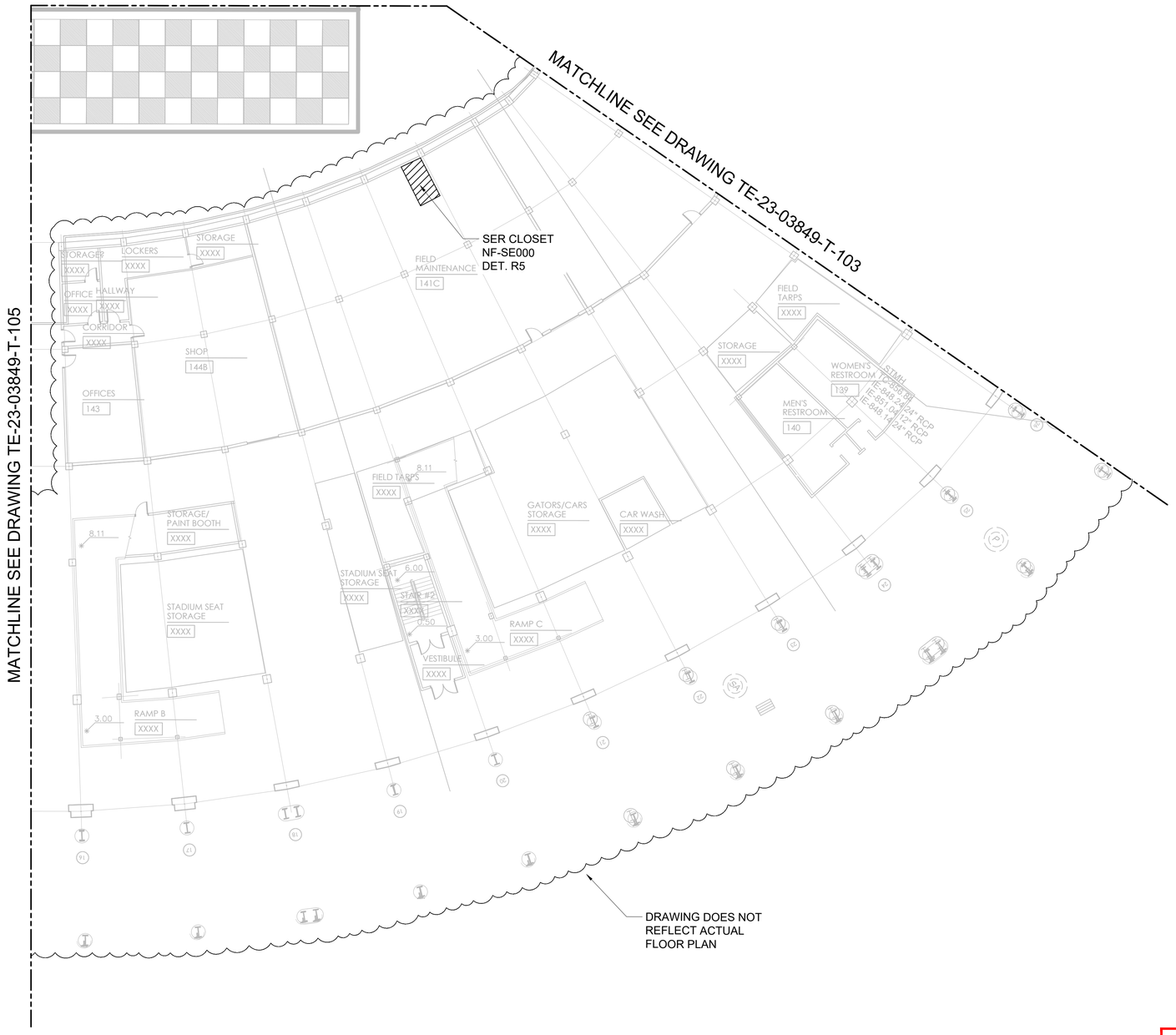
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
CONCOURSE LEVEL 0 ENLARGED PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-103 — REV. 2
APPROVAL: K. WRIGHT	



CONCOURSE LEVEL 0 ENLARGED PLAN VIEW

Scale: 1/16"=1'-0"

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
2. REFERENCE DRAWING TE-23-03849-G-004 FOR ALL GENERAL NOTES.
3. REFERENCE DRAWING TE-23-03849-T-200 THROUGH TE-23-03849-T-241 FOR ALL ACCESS POINT AND ANTENNA INFORMATION. (MODEL #, TYPE, DOWNTILT, MOUNTING DETAIL, ETC.)

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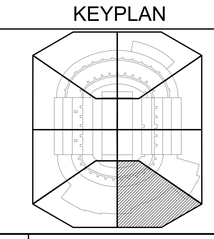
ACCESS POINT LABEL NOMENCLATURE

WNF-XXXX-00

- WIFI NEYLAND FIELD
- LEVEL
- ROOM NO.
- SEQUENCE

KEYPLAN



LEGEND

- DIRECTIONAL ACCESS POINT / ANTENNA
- OMNI ACCESS POINT / ANTENNA
- TM — MONITOR FOR MENU BOARD OUTLET - NUMBER CAT 6A CABLES
- POS — POINTOF SALE OUTLET - NUMBER CAT 6A CABLES

EQUIPMENT MANUFACTURER	CLIENT
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REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
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UNIVERSITY OF TENNESSEE KNOXVILLE

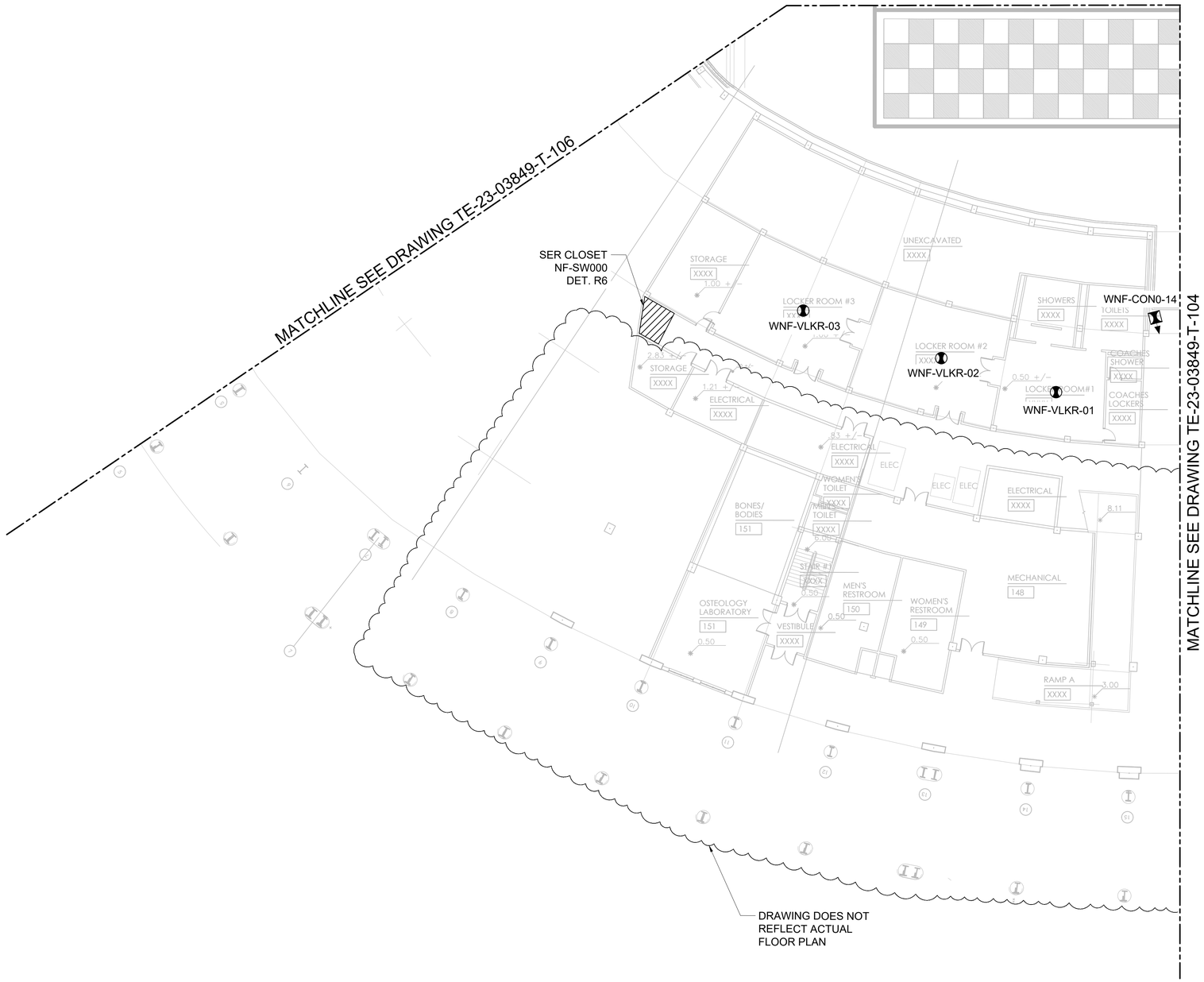
NEYLAND STADIUM

HD WI-FI NETWORK DESIGN AND IMPLEMENTATION

CONCOURSE LEVEL 0 ENLARGED PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-104 — REV. 2
APPROVAL: K. WRIGHT	



CONCOURSE LEVEL 0 ENLARGED PLAN VIEW

Scale: 1/16"=1'-0"

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
2. REFERENCE DRAWING TE-23-03849-G-004 FOR ALL GENERAL NOTES.
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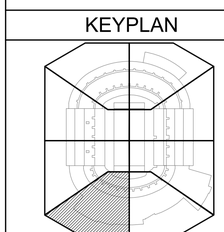
ACCESS POINT LABEL NOMENCLATURE

WNF-XXXX-00

WIFI NEYLAND FIELD
LEVEL
ROOM NO.
SEQUENCE

KEYPLAN



LEGEND

- DIRECTIONAL ACCESS POINT / ANTENNA
- OMNI ACCESS POINT / ANTENNA
- TM — MONITOR FOR MENU BOARD OUTLET - NUMBER CAT 6A CABLES
- POS — POINTOF SALE OUTLET - NUMBER CAT 6A CABLES

EQUIPMENT MANUFACTURER

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0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BLM	KMW
A	05/02/23	ISSUED FOR APPROVAL	LTT	BLM	KMW

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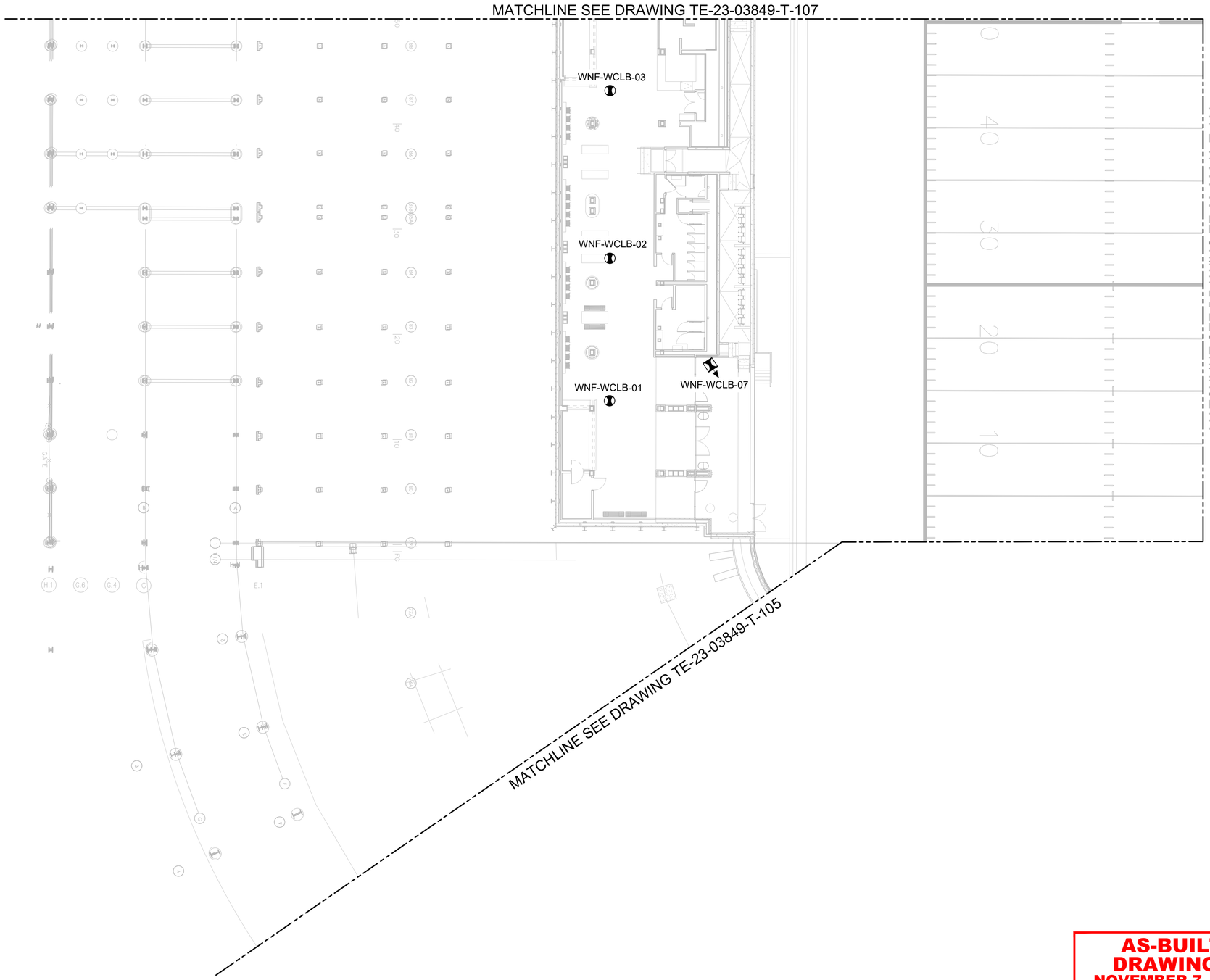
UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
CONCOURSE LEVEL 0 ENLARGED PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-105
APPROVAL: K. WRIGHT	REV. 2



CONCOURSE LEVEL 0 ENLARGED PLAN VIEW

Scale: 1/16""=1'-0"

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
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3. REFERENCE DRAWING TE-23-03849-T-200 THROUGH TE-23-03849-T-241 FOR ALL ACCESS POINT AND ANTENNA INFORMATION. (MODEL #, TYPE, DOWNTILT, MOUNTING DETAIL, ETC.)

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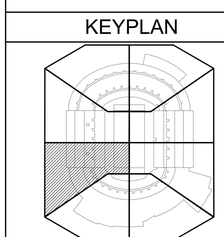
ACCESS POINT LABEL NOMENCLATURE

WNF-XXXX-00

WIFI NEYLAND FIELD — LEVEL — ROOM NO. — SEQUENCE

KEYPLAN



LEGEND

- DIRECTIONAL ACCESS POINT / ANTENNA
- OMNI ACCESS POINT / ANTENNA
- TM — MONITOR FOR MENU BOARD OUTLET - NUMBER CAT 6A CABLES
- POS — POINTOF SALE OUTLET - NUMBER CAT 6A CABLES

EQUIPMENT MANUFACTURER

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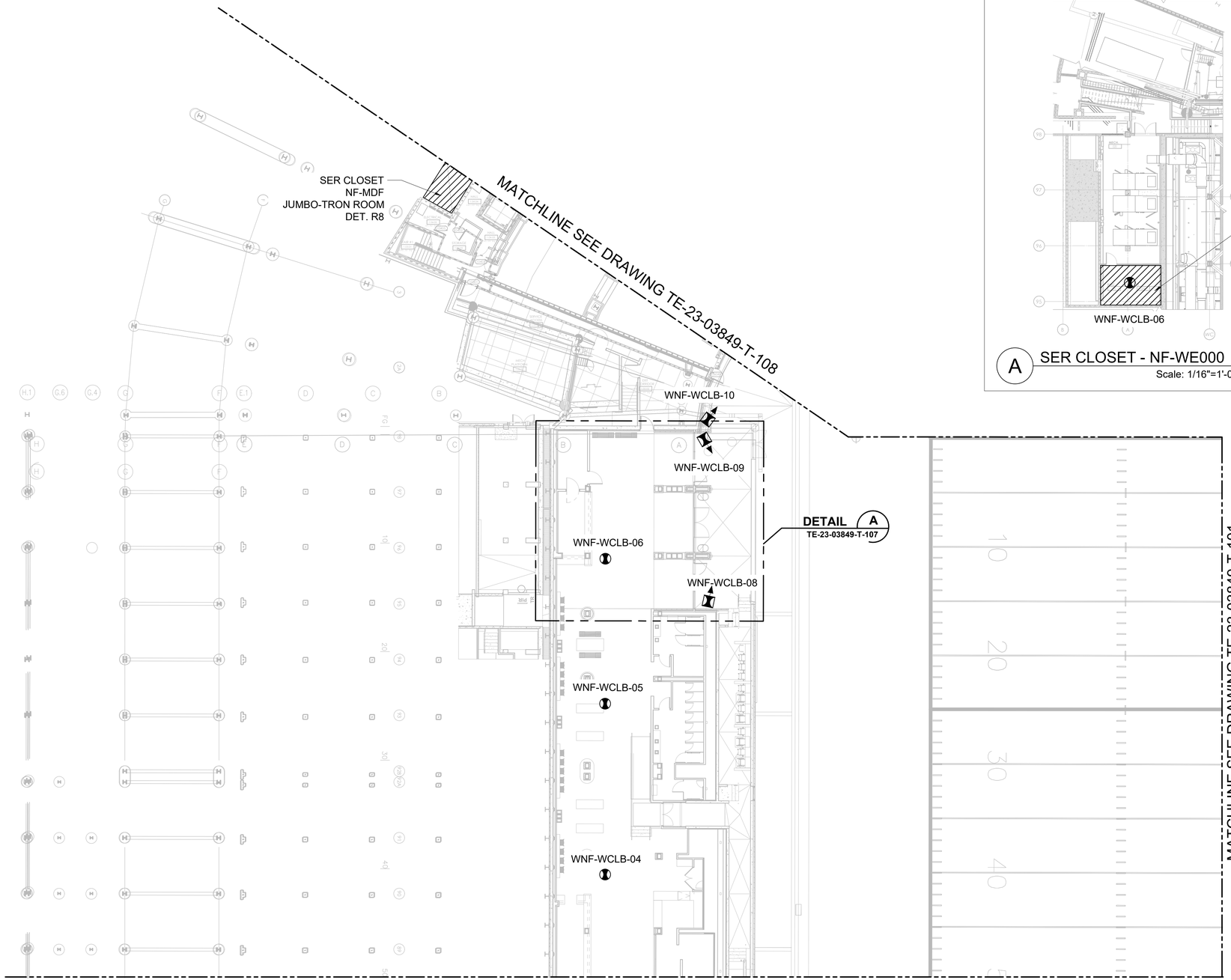
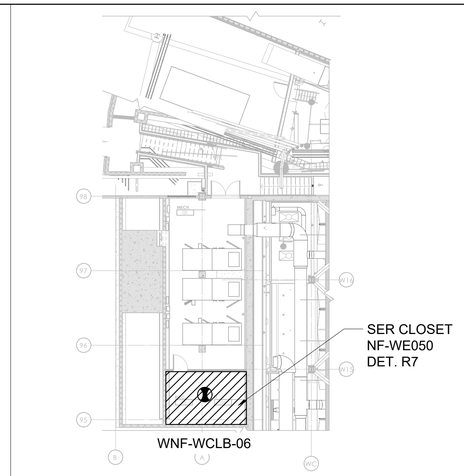
UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
CONCOURSE LEVEL 0 ENLARGED PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-106 — REV. 2
APPROVAL: K. WRIGHT	



CONCOURSE LEVEL 0 OVERALL PLAN VIEW
Scale: 1/16"=1'-0"



A SER CLOSET - NF-WE000
Scale: 1/16"=1'-0"

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
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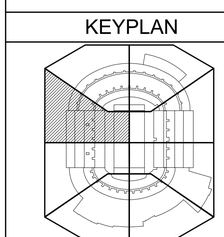
ACCESS POINT LABEL NOMENCLATURE

WNF-XXXX-00

WIFI NEYLAND FIELD
LEVEL
ROOM NO.
SEQUENCE

KEYPLAN



LEGEND

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EQUIPMENT MANUFACTURER

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B	06/26/23	ISSUED FOR APPROVAL	CTJ	BML	KMW
A	05/02/23	ISSUED FOR APPORVAL	LTT	BML	KMW

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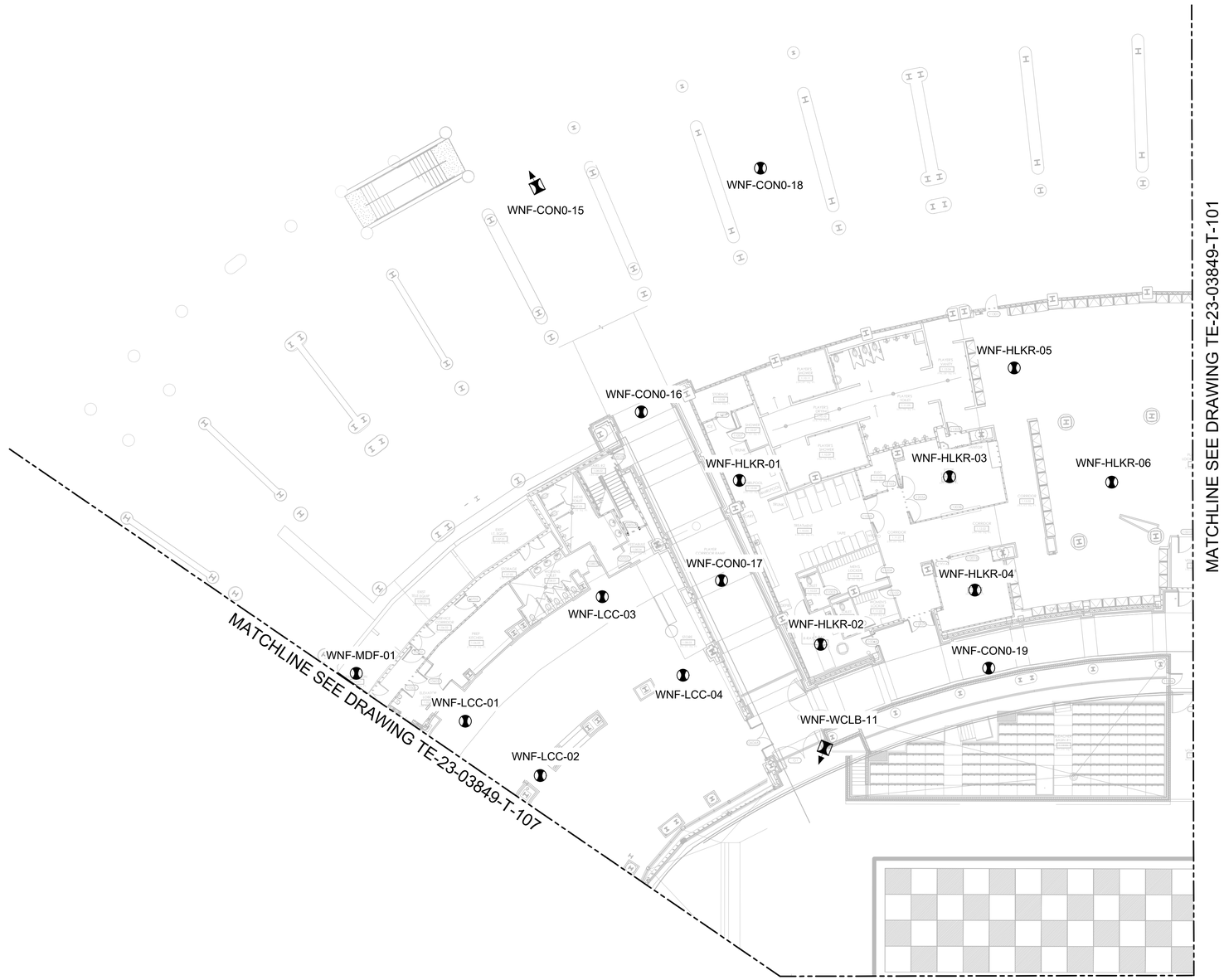
UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
CONCOURSE LEVEL 0 OVERALL PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-107 — REV. 2
APPROVAL: K. WRIGHT	



CONCOURSE LEVEL 0 ENLARGED PLAN VIEW

Scale: 1/16"=1'-0"

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
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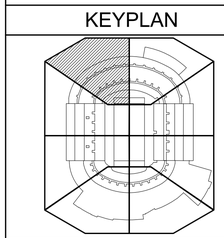
ACCESS POINT LABEL NOMENCLATURE

WNF-XXXX-00

WIFI NEYLAND FIELD — LEVEL — ROOM NO. — SEQUENCE

KEYPLAN



LEGEND

- DIRECTIONAL ACCESS POINT / ANTENNA
- OMNI ACCESS POINT / ANTENNA
- TM — MONITOR FOR MENU BOARD OUTLET - NUMBER CAT 6A CABLES
- POS — POINTOF SALE OUTLET - NUMBER CAT 6A CABLES

EQUIPMENT MANUFACTURER

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0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BLM	KMW
A	05/02/23	ISSUED FOR APPROVAL	LTT	BLM	KMW

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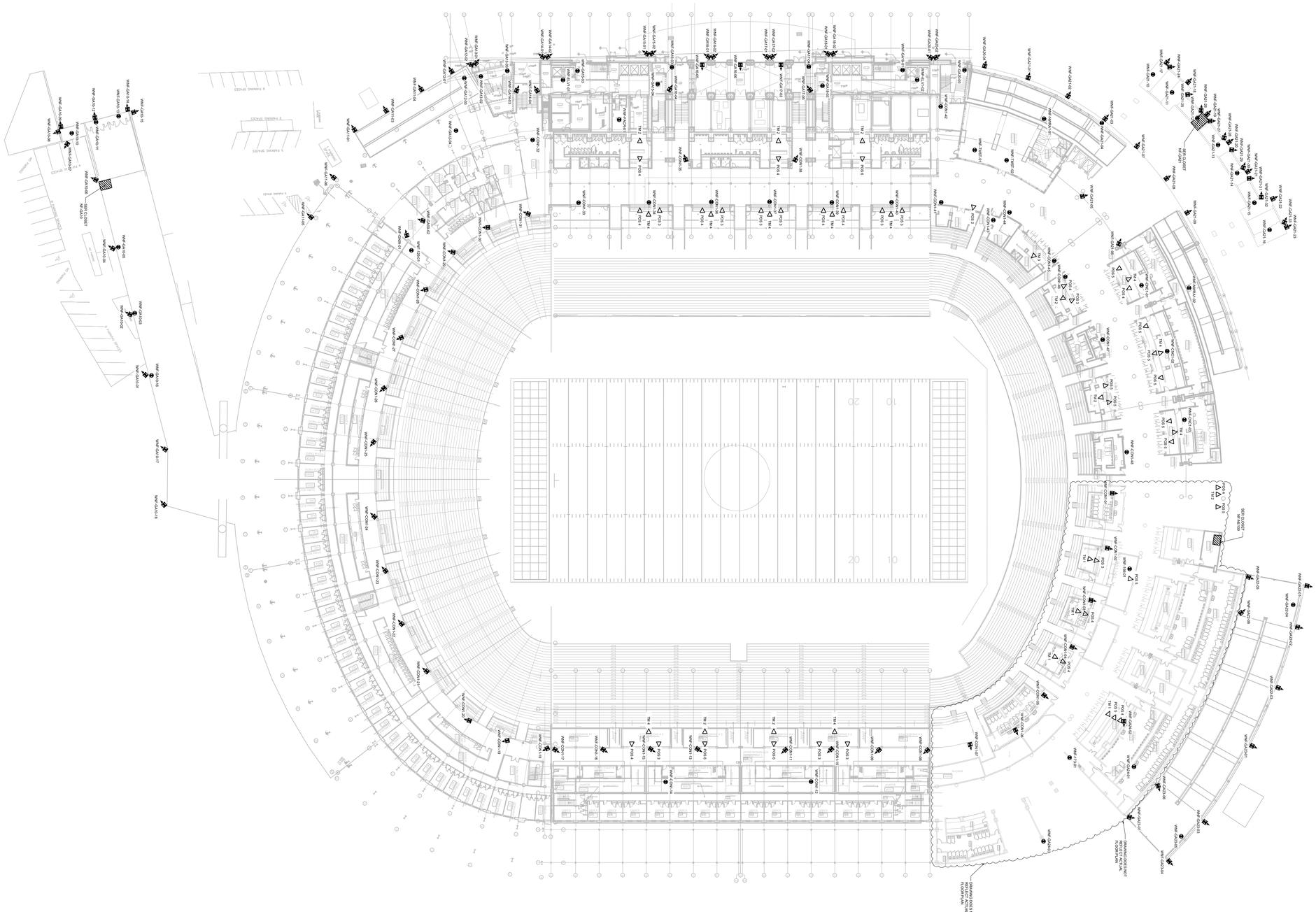
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
CONCOURSE LEVEL 0 ENLARGED PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-108 — REV. 2
APPROVAL: K. WRIGHT	



CONCOURSE LEVEL 1 OVERALL PLAN VIEW

Scale: 3/128"=1'-0"

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
2. REFERENCE DRAWING TE-23-03849-G-004 FOR ALL GENERAL NOTES.
3. REFERENCE DRAWING TE-23-03849-T-200 THROUGH TE-23-03849-T-241 FOR ALL ACCESS POINT AND ANTENNA INFORMATION. (MODEL #, TYPE, DOWNTILT, MOUNTING DETAIL, ETC.)
4. ALL CABLES SERVING MONITORS FOR MENU BOARDS AND POINT OF SALE LOCATIONS ARE TO BE INSTALLED TO THE NEAREST SER LOCATION. OUTLETS AND FACEPLATES SHALL BE INSTALLED AND LABELED IN ACCORDANCE WITH UTK OIT STANDARDS.

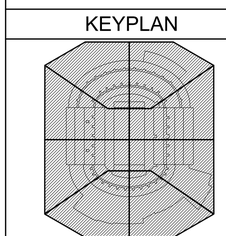
IN THE EVENT AP LOCATION PER DESIGN PACKAGE IS NOT ACCESSIBLE OR INSTALLATION IS NOT POSSIBLE DUE TO PHYSICAL OBSTRUCTION AND DEVIATION IS GREATER THAN 36", CONTRACTOR/OWNER SHALL NOTIFY ENGINEER PRIOR TO RELOCATING OUTSIDE OF THE ALLOWABLE INSTALLATION ALLOWANCE OF 36".

ACCESS POINT LABEL NOMENCLATURE

WNF-XXXX-00

WIFI NEYLAND FIELD — LEVEL — ROOM NO. — SEQUENCE

KEYPLAN



LEGEND

- DIRECTIONAL ACCESS POINT / ANTENNA
- OMNI ACCESS POINT / ANTENNA
- TM — MONITOR FOR MENU BOARD OUTLET - NUMBER CAT 6A CABLES
- POS — POINTOF SALE OUTLET - NUMBER CAT 6A CABLES

EQUIPMENT MANUFACTURER

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REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
2	11/07/24	AS-BUILT	JPP	BML	KMW
1	07/09/24	AS-BUILT	JPP	BML	KMW
0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BML	KMW
B	06/26/23	ISSUED FOR APPROVAL	CTJ	BML	KMW
A	05/02/23	ISSUED FOR APPORVAL	LTT	BML	KMW

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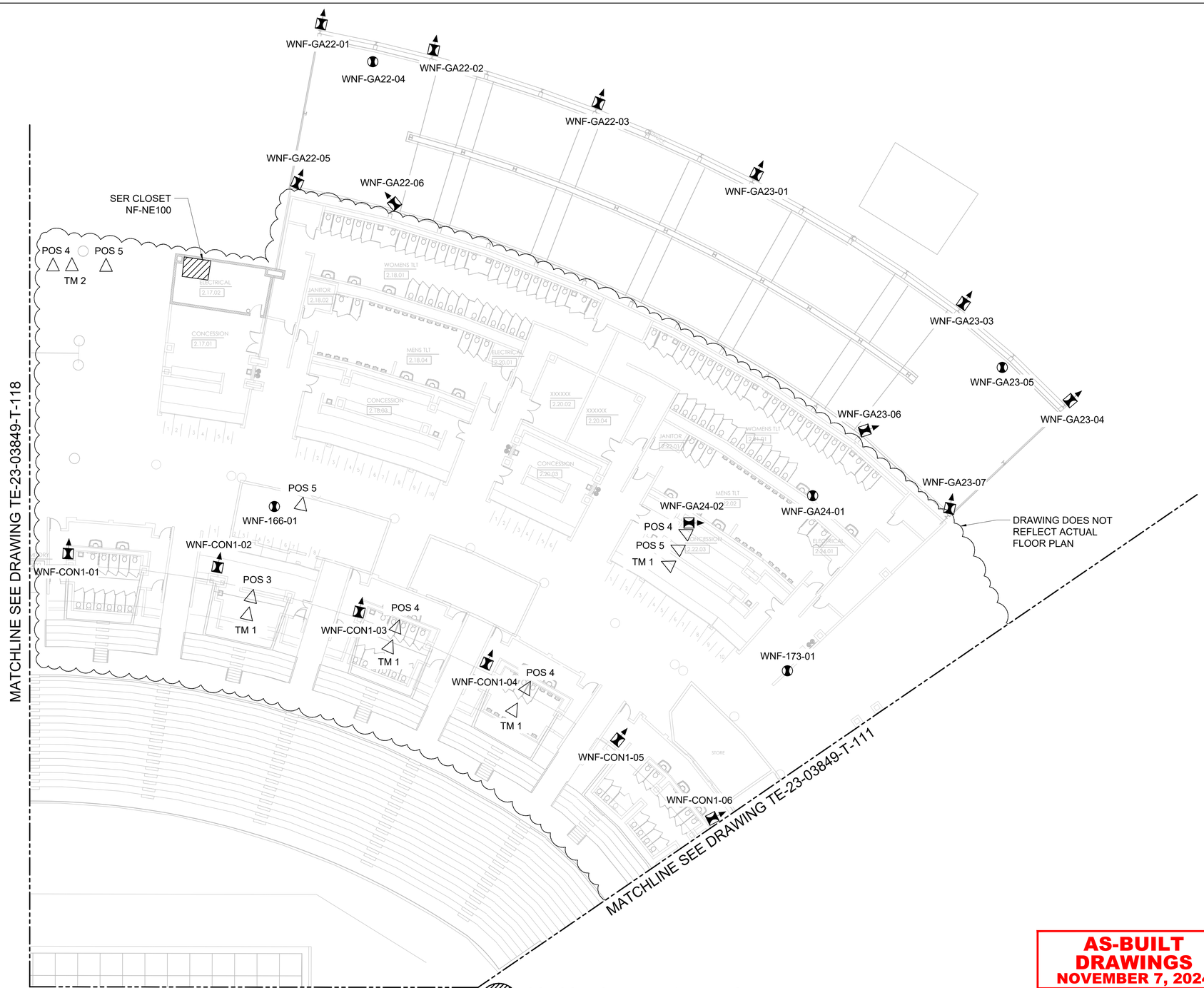
UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
CONCOURSE LEVEL 1 OVERALL PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-109 — REV. 2
APPROVAL: K. WRIGHT	



CONCOURSE LEVEL 1 ENLARGED PLAN VIEW

Scale: 1/16"=1'-0"

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
2. REFERENCE DRAWING TE-23-03849-G-004 FOR ALL GENERAL NOTES.
3. REFERENCE DRAWING TE-23-03849-T-200 THROUGH TE-23-03849-T-241 FOR ALL ACCESS POINT AND ANTENNA INFORMATION. (MODEL #, TYPE, DOWNTILT, MOUNTING DETAIL, ETC.)
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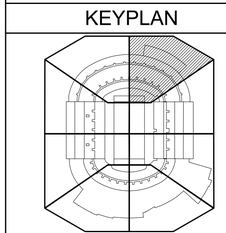
ACCESS POINT LABEL NOMENCLATURE

WNF-XXXX-00

WIFI NEYLAND FIELD
LEVEL
ROOM NO.
SEQUENCE

KEYPLAN



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AS-BUILT DRAWINGS
NOVEMBER 7, 2024

EQUIPMENT MANUFACTURER

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A	05/02/23	ISSUED FOR APPORVAL	LTT	BML	KMW

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NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
CONCOURSE LEVEL 1 ENLARGED PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-110 — REV. 2
APPROVAL: K. WRIGHT	

CONCOURSE LEVEL 1 ENLARGED PLAN VIEW

Scale: 1/16"=1'-0"

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
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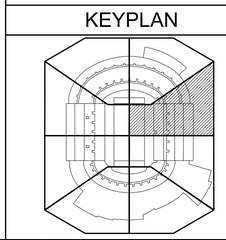
ACCESS POINT LABEL NOMENCLATURE

WNF-XXXX-00

WIFI NEYLAND FIELD — SEQUENCE
LEVEL — ROOM NO.

KEYPLAN



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A	05/02/23	ISSUED FOR APPORVAL	LTT	BML	KMW

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UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
CONCOURSE LEVEL 1 ENLARGED PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-111
APPROVAL: K. WRIGHT	REV. 2

CONCOURSE LEVEL 1 ENLARGED PLAN VIEW

Scale: 1/16"=1'-0"

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
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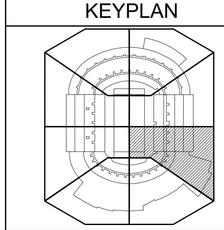
ACCESS POINT LABEL NOMENCLATURE

WNF-XXXX-00

WIFI NEYLAND FIELD — LEVEL — ROOM NO. — SEQUENCE

KEYPLAN



LEGEND

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0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BML	KMW
B	06/26/23	ISSUED FOR APPROVAL	CTJ	BML	KMW
A	05/02/23	ISSUED FOR APPORVAL	LTT	BML	KMW

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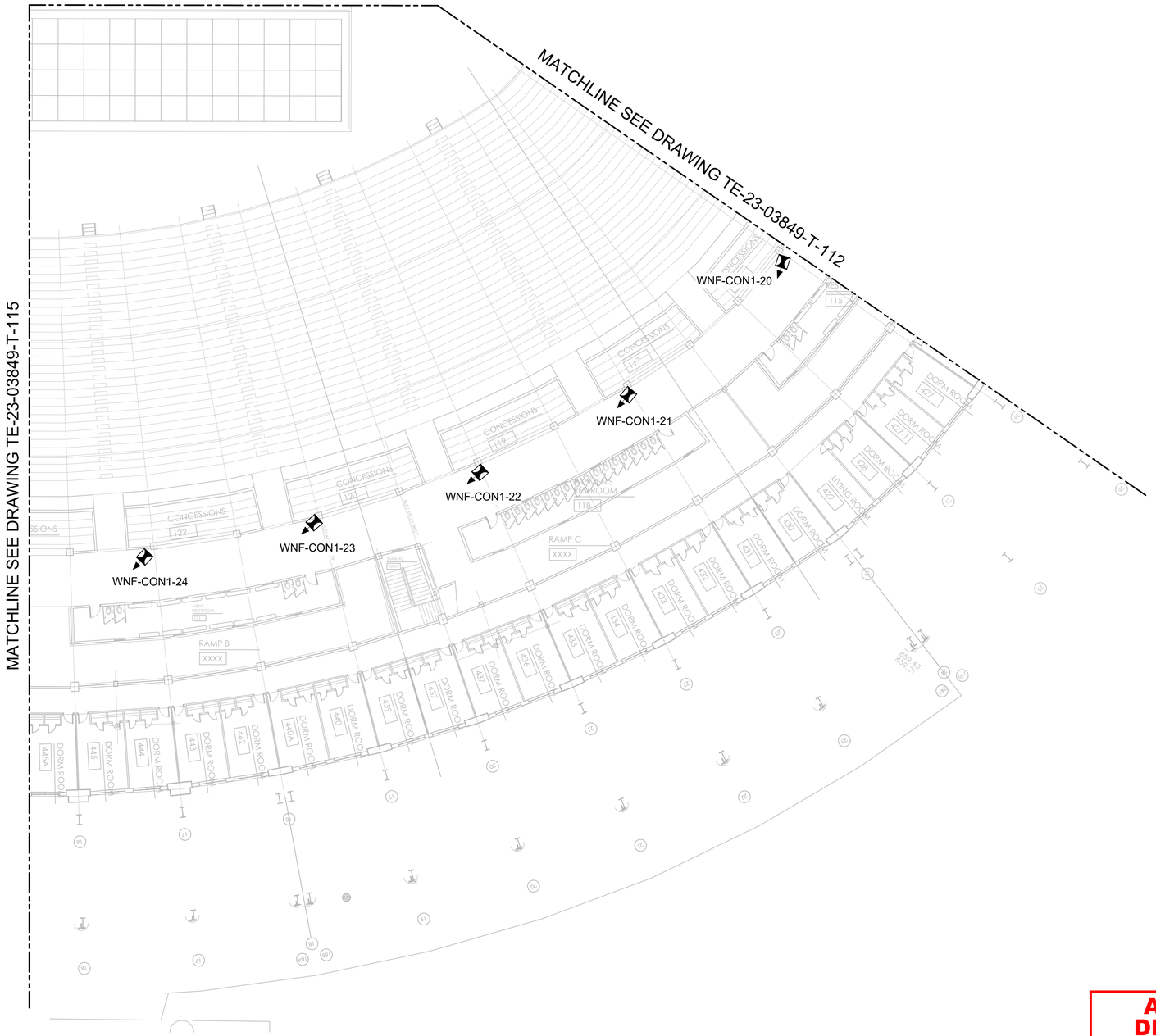
UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
CONCOURSE LEVEL 1 ENLARGED PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-112 — REV. 2
APPROVAL: K. WRIGHT	



CONCOURSE LEVEL 1 ENLARGED PLAN VIEW

Scale: 1/16"=1'-0"

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

NOTES:

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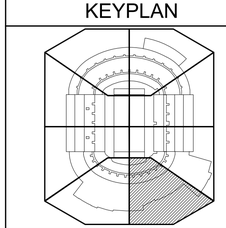
ACCESS POINT LABEL NOMENCLATURE

WNF-XXXX-00

WIFI NEYLAND FIELD — LEVEL — ROOM NO. — SEQUENCE

KEYPLAN



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EQUIPMENT MANUFACTURER

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A	05/02/23	ISSUED FOR APPORVAL	LTT	BML	KMW

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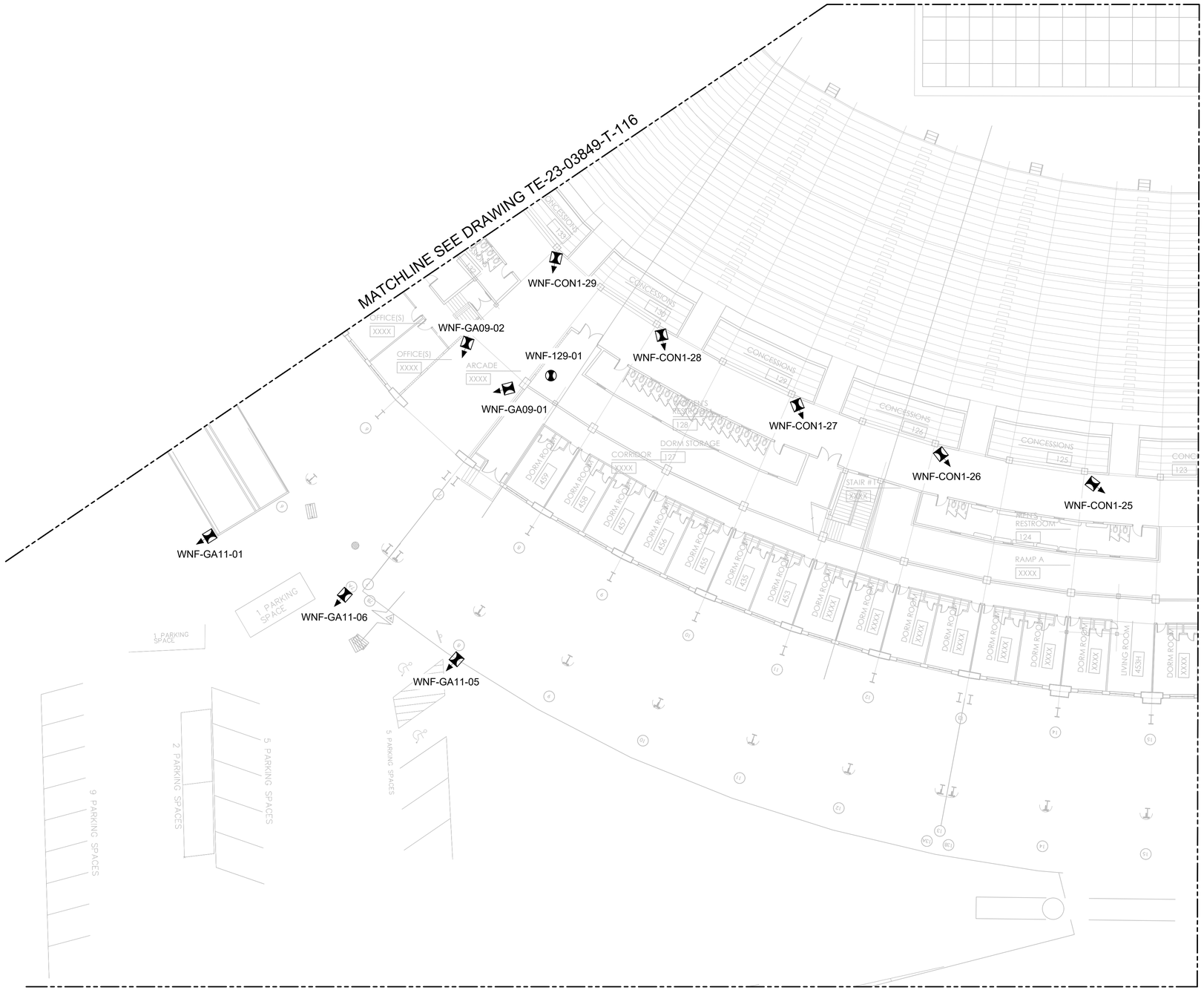
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
CONCOURSE LEVEL 1 ENLARGED PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-113 — REV. 2
APPROVAL: K. WRIGHT	



MATCHLINE SEE DRAWING TE-23-03849-T-115

CONCOURSE LEVEL 1 ENLARGED PLAN VIEW

Scale: 1/16"=1'-0"

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

NOTES:

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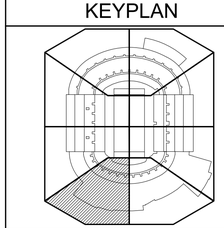
ACCESS POINT LABEL NOMENCLATURE

WNF-XXXX-00

WIFI NEYLAND FIELD — SEQUENCE
LEVEL — ROOM NO.

KEYPLAN



LEGEND

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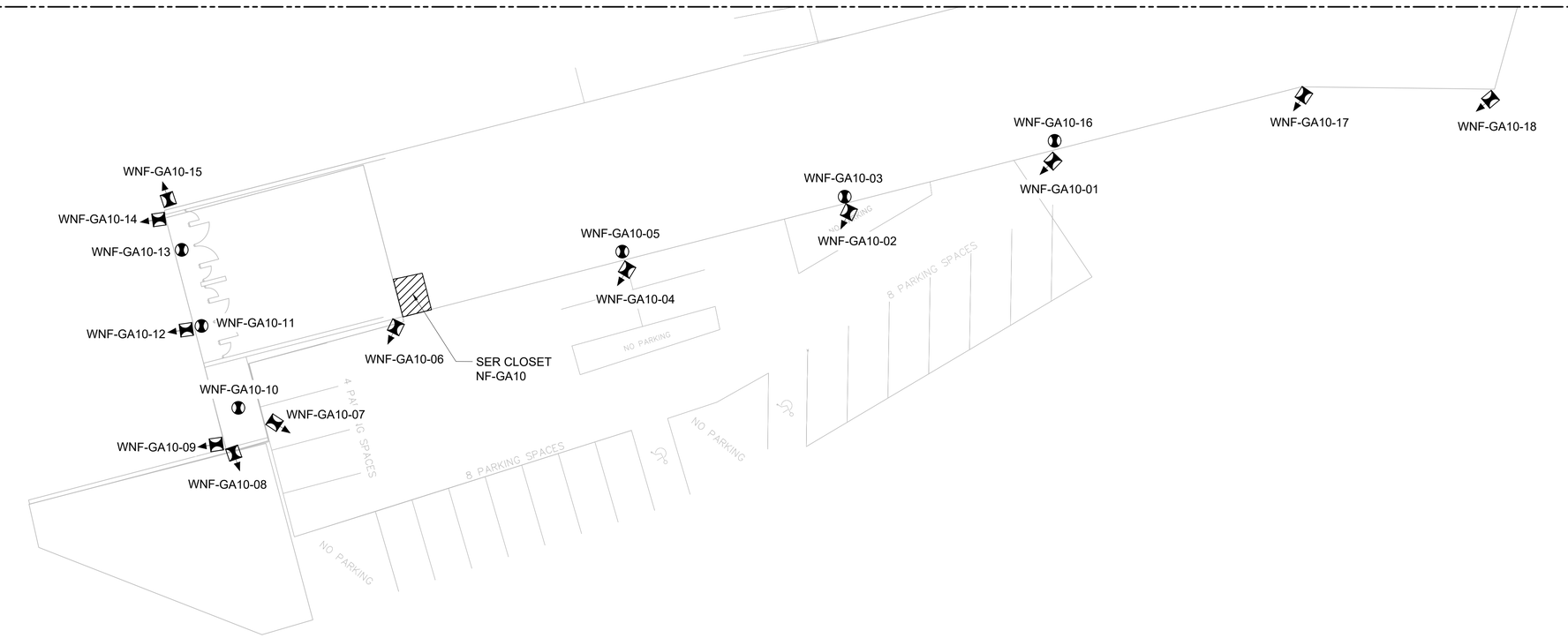
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
CONCOURSE LEVEL 1 ENLARGED PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-114 — REV. 2
APPROVAL: K. WRIGHT	

MATCHLINE SEE DRAWING TE-23-03849-T-114



CONCOURSE LEVEL 1 ENLARGED PLAN VIEW

Scale: 1/16"=1'-0"

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

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ACCESS POINT LABEL NOMENCLATURE

WNF-XXXX-00

WIFI NEYLAND FIELD — SEQUENCE
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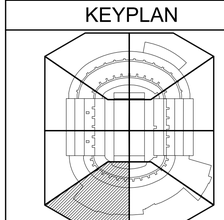
KEYPLAN



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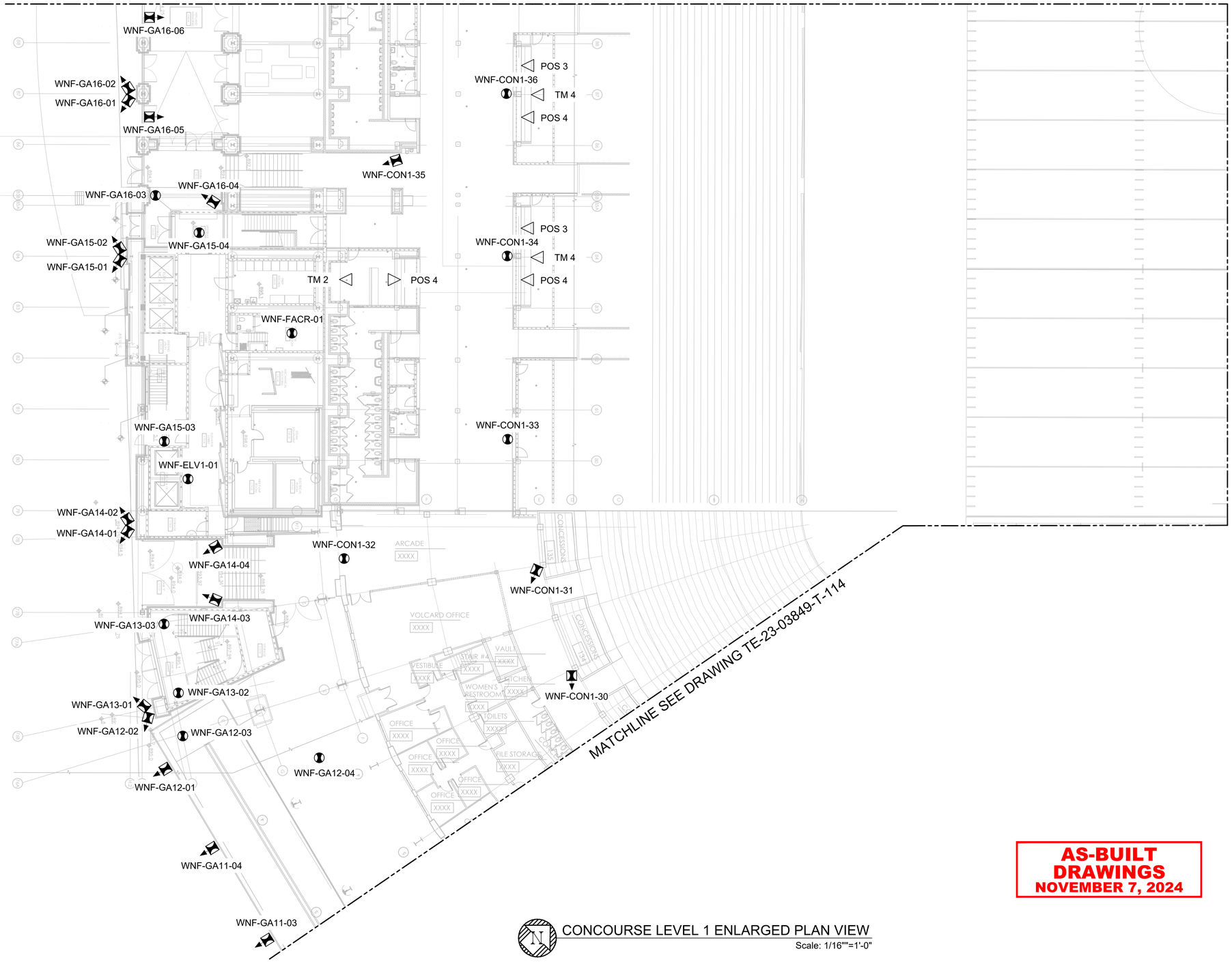
CONCOURSE LEVEL 1 ENLARGED PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-115 — REV. 2
APPROVAL: K. WRIGHT	

MATCHLINE SEE DRAWING TE-23-03849-T-117



CONCOURSE LEVEL 1 ENLARGED PLAN VIEW

Scale: 1/16""=1'-0"

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
2. REFERENCE DRAWING TE-23-03849-G-004 FOR ALL GENERAL NOTES.
3. REFERENCE DRAWING TE-23-03849-T-200 THROUGH TE-23-03849-T-241 FOR ALL ACCESS POINT AND ANTENNA INFORMATION. (MODEL #, TYPE, DOWNTILT, MOUNTING DETAIL, ETC.)
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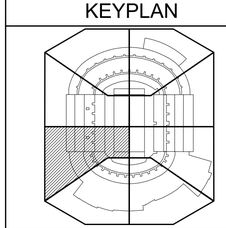
ACCESS POINT LABEL NOMENCLATURE

WNF-XXXX-00

WIFI NEYLAND FIELD — LEVEL — ROOM NO. — SEQUENCE

KEYPLAN



LEGEND

- DIRECTIONAL ACCESS POINT / ANTENNA
- OMNI ACCESS POINT / ANTENNA
- TM — MONITOR FOR MENU BOARD OUTLET - NUMBER CAT 6A CABLES
- POS — POINTOF SALE OUTLET - NUMBER CAT 6A CABLES

EQUIPMENT MANUFACTURER

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THE UNIVERSITY OF TENNESSEE KNOXVILLE

REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
2	11/07/24	AS-BUILT	JPP	BML	KMW
1	07/09/24	AS-BUILT	JPP	BML	KMW
0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BML	KMW
B	06/26/23	ISSUED FOR APPROVAL	CTJ	BML	KMW
A	05/02/23	ISSUED FOR APPORVAL	LTT	BML	KMW

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UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
CONCOURSE LEVEL 1 ENLARGED PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-116 — REV. 2
APPROVAL: K. WRIGHT	

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

CONCOURSE LEVEL 1 OVERALL PLAN VIEW

Scale: 1/16"=1'-0"

NOTES:

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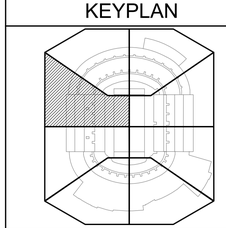
ACCESS POINT LABEL NOMENCLATURE

WNF-XXXX-00

WIFI NEYLAND FIELD
LEVEL
ROOM NO.
SEQUENCE

KEYPLAN



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EQUIPMENT MANUFACTURER

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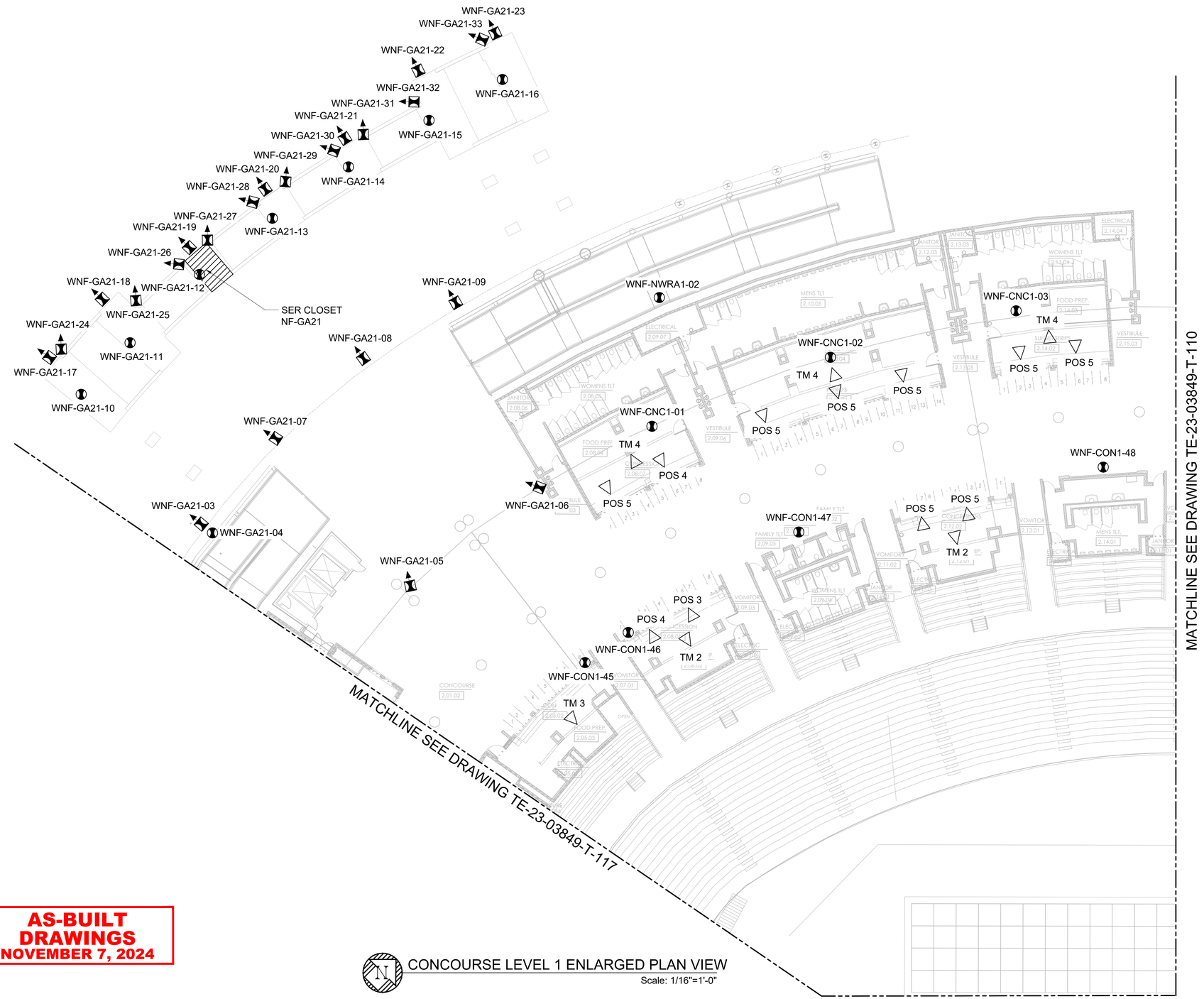
UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
CONCOURSE LEVEL 1 OVERALL PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-117 — REV. 2
APPROVAL: K. WRIGHT	



AS-BUILT DRAWINGS
NOVEMBER 7, 2024

CONCOURSE LEVEL 1 ENLARGED PLAN VIEW
Scale: 1/16"=1'-0"

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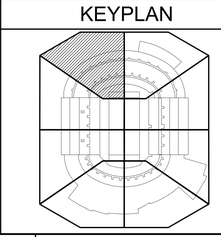
ACCESS POINT LABEL NOMENCLATURE

WNF-XXXX-00

- WIFI NEYLAND FIELD
- LEVEL
- SEQUENCE
- ROOM NO.

KEYPLAN



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EQUIPMENT MANUFACTURER

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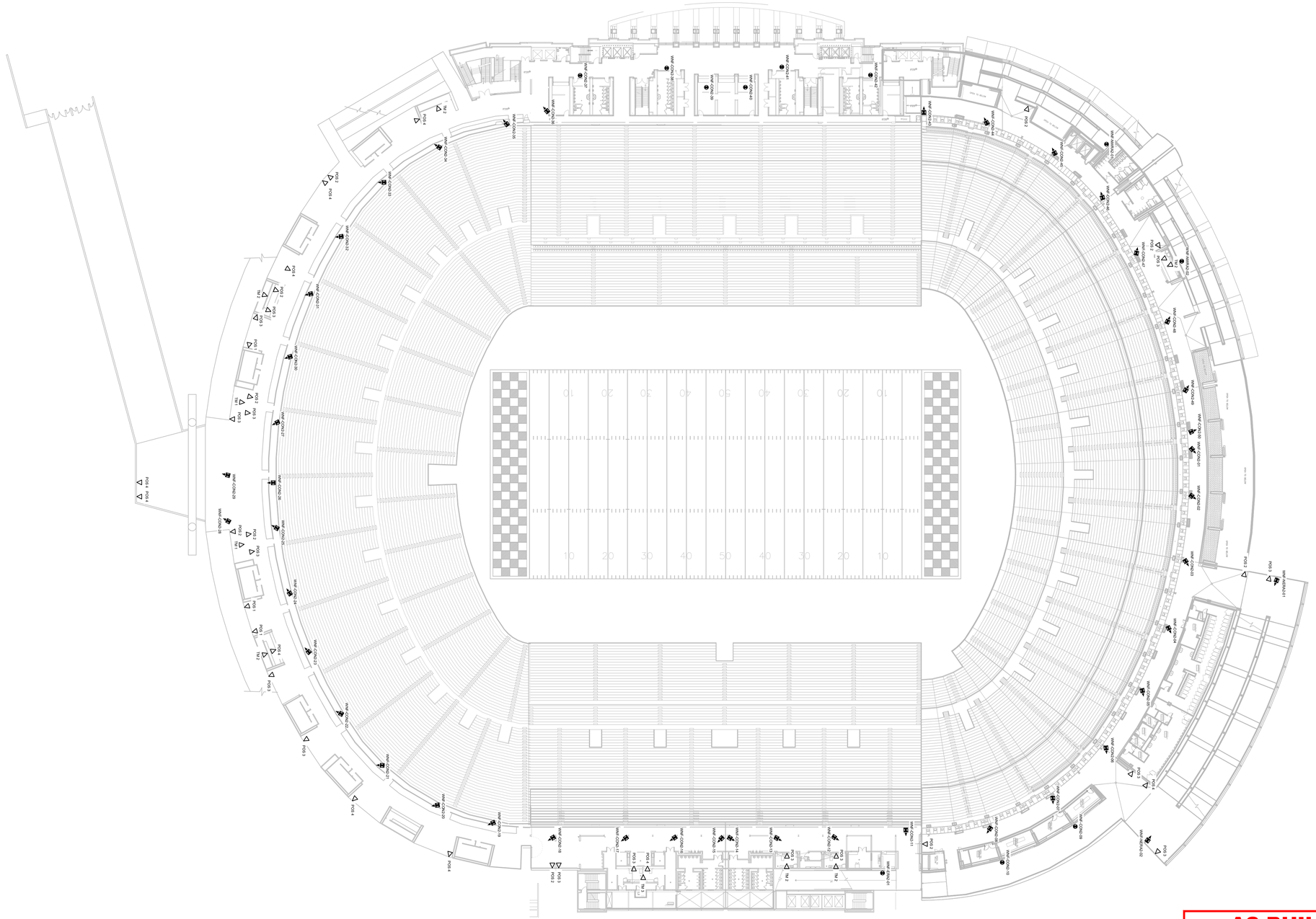
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
CONCOURSE LEVEL 1 ENLARGED PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-118
APPROVAL: K. WRIGHT	REV. 2



CONCOURSE LEVEL 2 OVERALL PLAN VIEW

Scale: 3/128"=1'-0"

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
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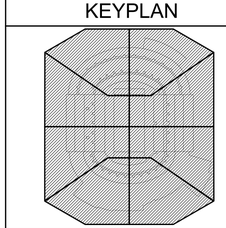
ACCESS POINT LABEL NOMENCLATURE

WNF-XXXX-00

WIFI NEYLAND FIELD
LEVEL
ROOM NO.
SEQUENCE

KEYPLAN



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EQUIPMENT MANUFACTURER

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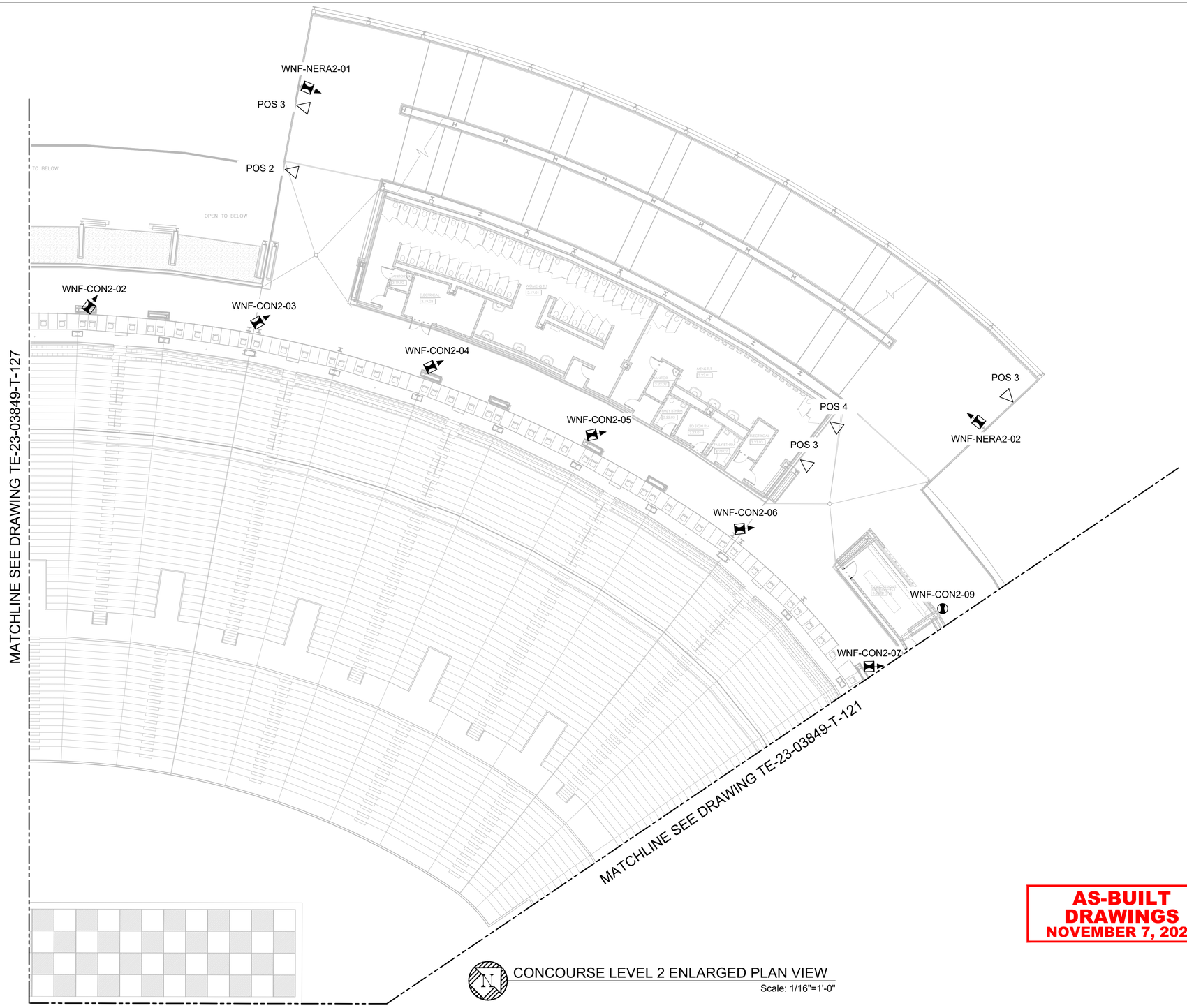
UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
CONCOURSE LEVEL 2 OVERALL PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-119 — REV. 2
APPROVAL: K. WRIGHT	



CONCOURSE LEVEL 2 ENLARGED PLAN VIEW

Scale: 1/16"=1'-0"

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
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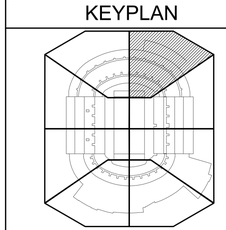
ACCESS POINT LABEL NOMENCLATURE

WNF-XXXX-00

WIFI NEYLAND FIELD — LEVEL — ROOM NO. — SEQUENCE

KEYPLAN



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EQUIPMENT MANUFACTURER

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UNIVERSITY OF TENNESSEE KNOXVILLE

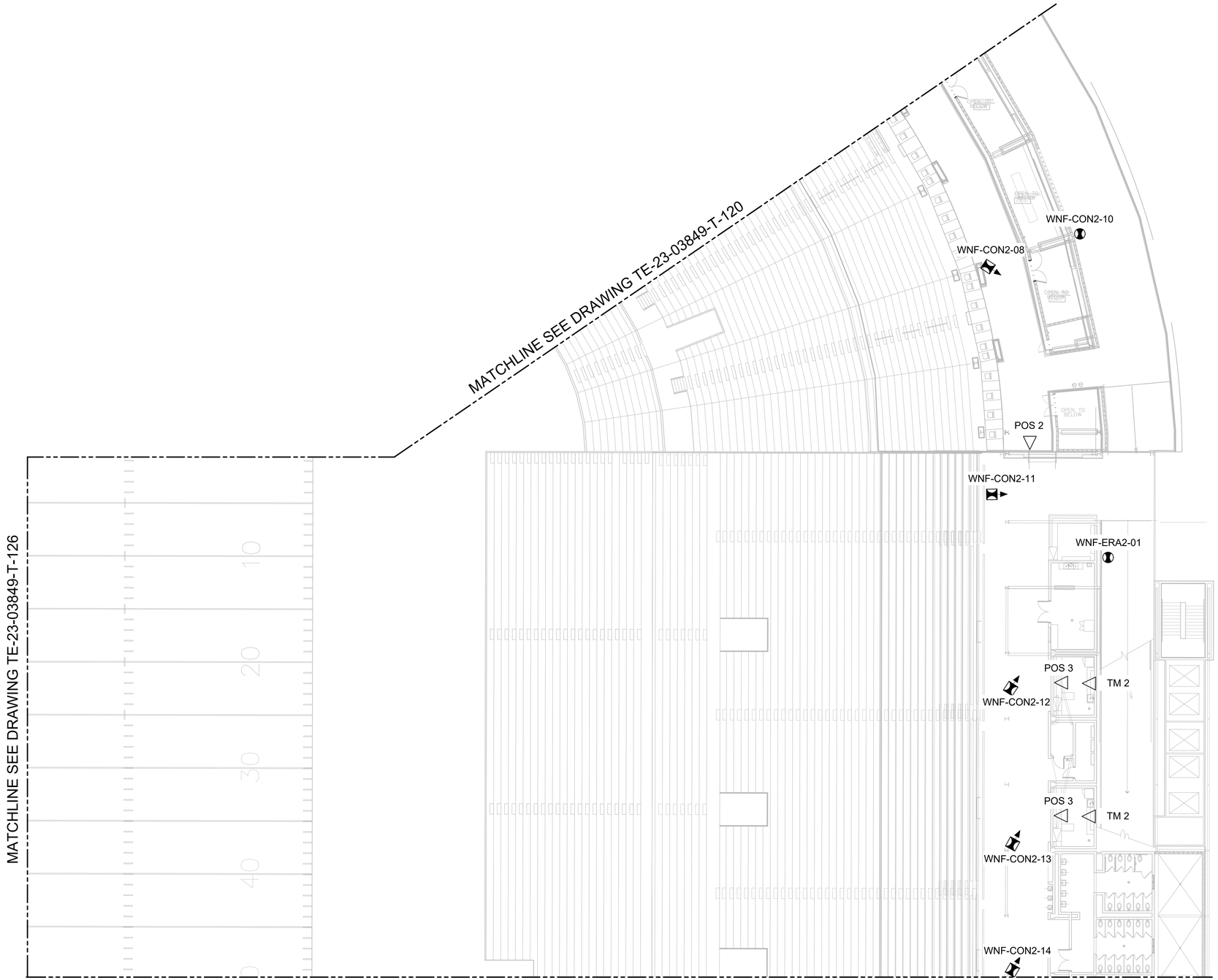
NEYLAND STADIUM

HD WI-FI NETWORK DESIGN AND IMPLEMENTATION

CONCOURSE LEVEL 2 ENLARGED PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-120 — REV. 2
APPROVAL: K. WRIGHT	



CONCOURSE LEVEL 2 ENLARGED PLAN VIEW

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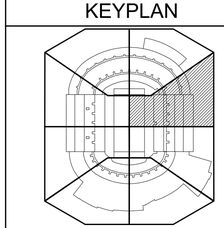
AS-BUILT DRAWINGS
NOVEMBER 7, 2024

ACCESS POINT LABEL NOMENCLATURE

WNF-XXXX-00

WIFI NEYLAND FIELD — LEVEL — ROOM NO. — SEQUENCE

KEYPLAN



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UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
CONCOURSE LEVEL 2 ENLARGED PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-121 — REV. 2
APPROVAL: K. WRIGHT	

CONCOURSE LEVEL 2 ENLARGED PLAN VIEW

Scale: 1/16"=1'-0"

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NOVEMBER 7, 2024

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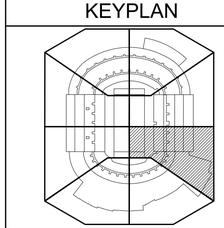
KEYPLAN



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0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BML	KMW
B	06/26/23	ISSUED FOR APPROVAL	CTJ	BML	KMW
A	05/02/23	ISSUED FOR APPORVAL	LTT	BML	KMW

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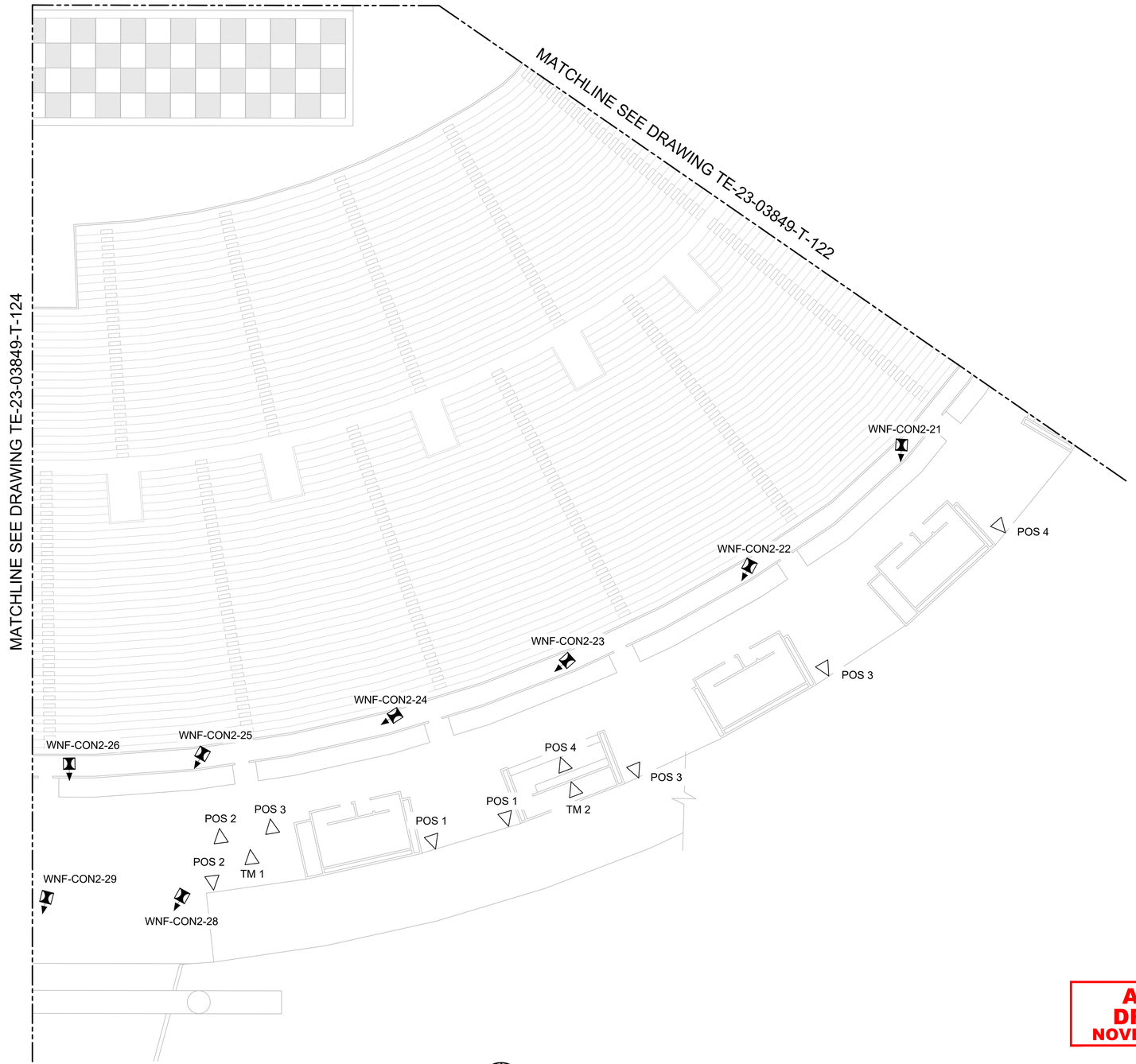
UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
CONCOURSE LEVEL 2 ENLARGED PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-122 — REV. 2
APPROVAL: K. WRIGHT	



CONCOURSE LEVEL 2 ENLARGED PLAN VIEW

Scale: 1/16"=1'-0"

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
2. REFERENCE DRAWING TE-23-03849-G-004 FOR ALL GENERAL NOTES.
3. REFERENCE DRAWING TE-23-03849-T-200 THROUGH TE-23-03849-T-241 FOR ALL ACCESS POINT AND ANTENNA INFORMATION. (MODEL #, TYPE, DOWNTILT, MOUNTING DETAIL, ETC.)
4. CAT6A CABLES SERVING MENU BOARDS SHALL BE TERMINATED AND COILED ABOVE THE CEILING AND BE GIVEN A 30' SERVICE LOOP IN THE CEILING.
5. ALL CABLES SERVING MONITORS FOR MENU BOARDS AND POINT OF SALE LOCATIONS ARE TO BE INSTALLED TO THE NEAREST SER LOCATION. OUTLETS AND FACEPLATES SHALL BE INSTALLED AND LABELED IN ACCORDANCE WITH UTK OIT STANDARDS.

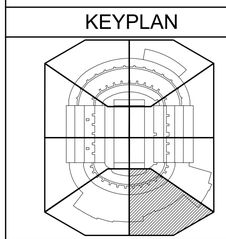
IN THE EVENT AP LOCATION PER DESIGN PACKAGE IS NOT ACCESSIBLE OR INSTALLATION IS NOT POSSIBLE DUE TO PHYSICAL OBSTRUCTION AND DEVIATION IS GREATER THAN 36", CONTRACTOR/OWNER SHALL NOTIFY ENGINEER PRIOR TO RELOCATING OUTSIDE OF THE ALLOWABLE INSTALLATION ALLOWANCE OF 36".

ACCESS POINT LABEL NOMENCLATURE

WNF-XXXX-00

WIFI NEYLAND FIELD — SEQUENCE
LEVEL — ROOM NO.

KEYPLAN



LEGEND

- DIRECTIONAL ACCESS POINT / ANTENNA
- OMNI ACCESS POINT / ANTENNA
- TM — MONITOR FOR MENU BOARD OUTLET - NUMBER CAT 6A CABLES
- POS — POINTOF SALE OUTLET - NUMBER CAT 6A CABLES

EQUIPMENT MANUFACTURER

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a Hewlett Packard Enterprise company

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REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
2	11/07/24	AS-BUILT	JPP	BML	KMW
1	07/09/24	AS-BUILT	JPP	BML	KMW
0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BML	KMW
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A	05/02/23	ISSUED FOR APPORVAL	LTT	BML	KMW

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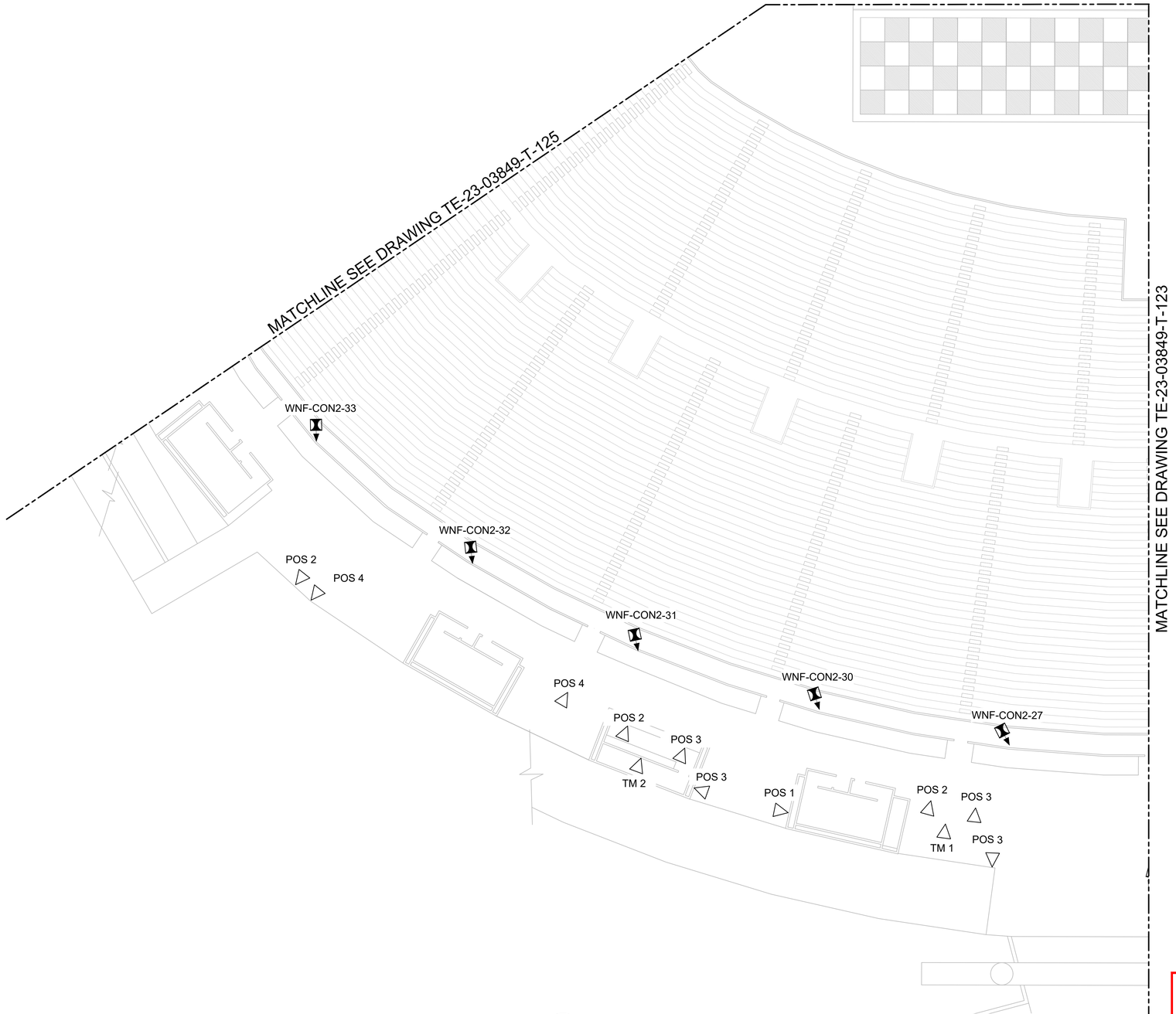
UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
CONCOURSE LEVEL 2 ENLARGED PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-123 — REV. 2
APPROVAL: K. WRIGHT	



CONCOURSE LEVEL 2 ENLARGED PLAN VIEW

Scale: 1/16"=1'-0"

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
2. REFERENCE DRAWING TE-23-03849-G-004 FOR ALL GENERAL NOTES.
3. REFERENCE DRAWING TE-23-03849-T-200 THROUGH TE-23-03849-T-241 FOR ALL ACCESS POINT AND ANTENNA INFORMATION. (MODEL #, TYPE, DOWNTILT, MOUNTING DETAIL, ETC.)
4. CAT6A CABLES SERVING MENU BOARDS SHALL BE TERMINATED AND COILED ABOVE THE CEILING AND BE GIVEN A 30' SERVICE LOOP IN THE CEILING.
5. ALL CABLES SERVING MONITORS FOR MENU BOARDS AND POINT OF SALE LOCATIONS ARE TO BE INSTALLED TO THE NEAREST SER LOCATION. OUTLETS AND FACEPLATES SHALL BE INSTALLED AND LABELED IN ACCORDANCE WITH UTK OIT STANDARDS.

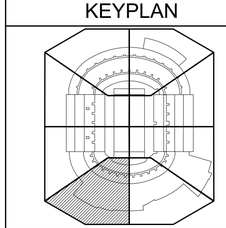
IN THE EVENT AP LOCATION PER DESIGN PACKAGE IS NOT ACCESSIBLE OR INSTALLATION IS NOT POSSIBLE DUE TO PHYSICAL OBSTRUCTION AND DEVIATION IS GREATER THAN 36", CONTRACTOR/OWNER SHALL NOTIFY ENGINEER PRIOR TO RELOCATING OUTSIDE OF THE ALLOWABLE INSTALLATION ALLOWANCE OF 36".

ACCESS POINT LABEL NOMENCLATURE

WNF-XXXX-00

WIFI NEYLAND FIELD — LEVEL — ROOM NO. — SEQUENCE

KEYPLAN



LEGEND

- DIRECTIONAL ACCESS POINT / ANTENNA
- OMNI ACCESS POINT / ANTENNA
- TM — MONITOR FOR MENU BOARD OUTLET - NUMBER CAT 6A CABLES
- POS — POINTOF SALE OUTLET - NUMBER CAT 6A CABLES

EQUIPMENT MANUFACTURER

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A	05/02/23	ISSUED FOR APPORVAL	LTT	BML	KMW

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UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
CONCOURSE LEVEL 2 ENLARGED PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-124 — REV. 2
APPROVAL: K. WRIGHT	

CONCOURSE LEVEL 2 ENLARGED PLAN VIEW

Scale: 1/16""=1'-0"

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
2. REFERENCE DRAWING TE-23-03849-G-004 FOR ALL GENERAL NOTES.
3. REFERENCE DRAWING TE-23-03849-T-200 THROUGH TE-23-03849-T-241 FOR ALL ACCESS POINT AND ANTENNA INFORMATION. (MODEL #, TYPE, DOWNTILT, MOUNTING DETAIL, ETC.)
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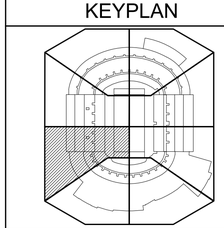
ACCESS POINT LABEL NOMENCLATURE

WNF-XXXX-00

WIFI NEYLAND FIELD — LEVEL — ROOM NO. — SEQUENCE

KEYPLAN



LEGEND

- DIRECTIONAL ACCESS POINT / ANTENNA
- OMNI ACCESS POINT / ANTENNA
- TM — MONITOR FOR MENU BOARD OUTLET - NUMBER CAT 6A CABLES
- POS — POINTOF SALE OUTLET - NUMBER CAT 6A CABLES

EQUIPMENT MANUFACTURER

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A	05/02/23	ISSUED FOR APPORVAL	LTT	BML	KMW

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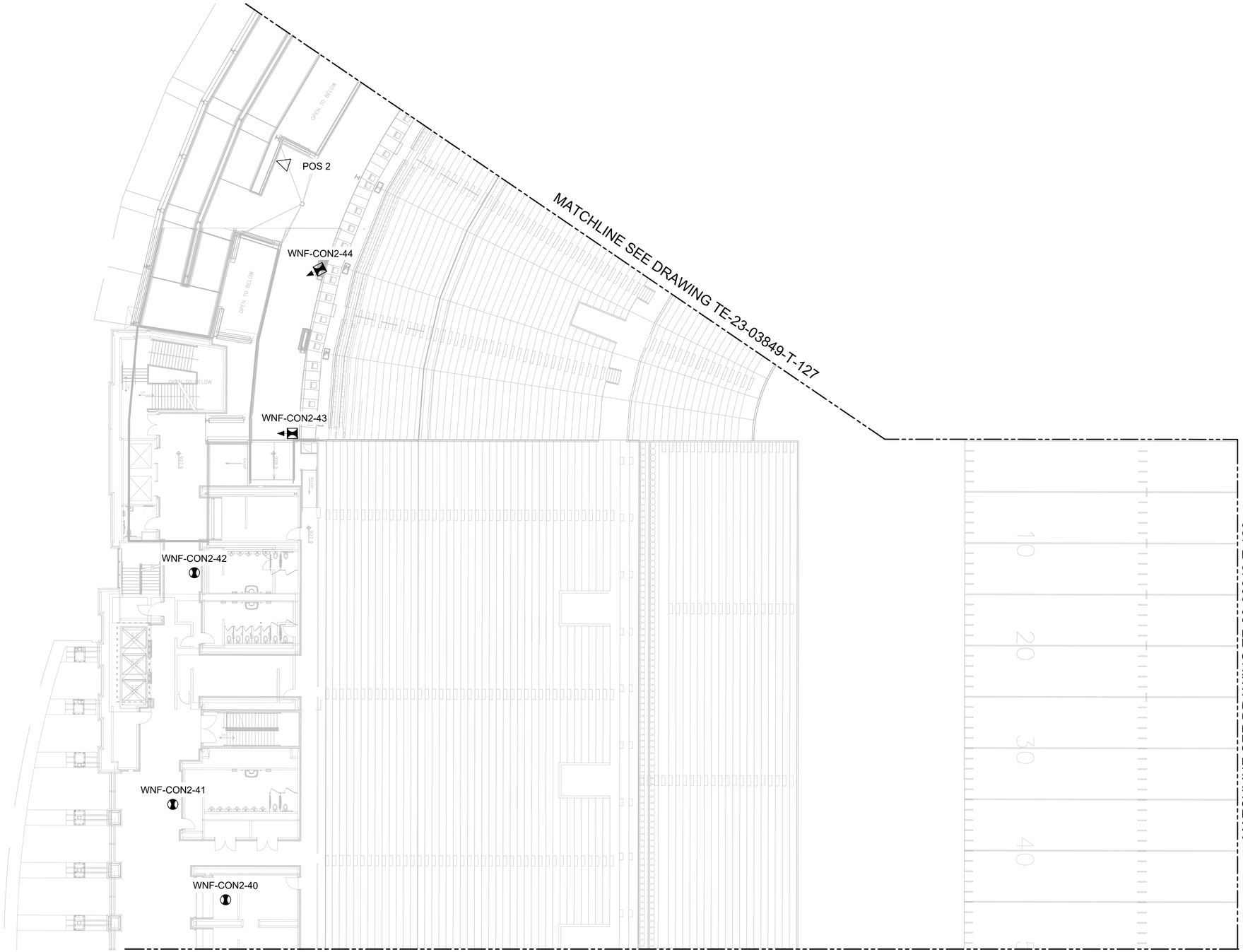
UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
CONCOURSE LEVEL 2 ENLARGED PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-125 — REV. 2
APPROVAL: K. WRIGHT	



MATCHLINE SEE DRAWING TE-23-03849-T-125

CONCOURSE LEVEL 2 OVERALL PLAN VIEW

Scale: 1/16"=1'-0"

AS-BUILT DRAWINGS NOVEMBER 7, 2024

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
2. REFERENCE DRAWING TE-23-03849-G-004 FOR ALL GENERAL NOTES.
3. REFERENCE DRAWING TE-23-03849-T-200 THROUGH TE-23-03849-T-241 FOR ALL ACCESS POINT AND ANTENNA INFORMATION. (MODEL #, TYPE, DOWNTILT, MOUNTING DETAIL, ETC.)
4. ALL CABLES SERVING MONITORS FOR MENU BOARDS AND POINT OF SALE LOCATIONS ARE TO BE INSTALLED TO THE NEAREST SER LOCATION. OUTLETS AND FACEPLATES SHALL BE INSTALLED AND LABELED IN ACCORDANCE WITH UTK OIT STANDARDS.

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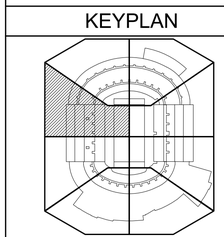
ACCESS POINT LABEL NOMENCLATURE

WNF-XXXX-00

WIFI NEYLAND FIELD — LEVEL — ROOM NO. — SEQUENCE

KEYPLAN



LEGEND

- DIRECTIONAL ACCESS POINT / ANTENNA
- OMNI ACCESS POINT / ANTENNA
- TM — MONITOR FOR MENU BOARD OUTLET - NUMBER CAT 6A CABLES
- POS — POINTOF SALE OUTLET - NUMBER CAT 6A CABLES

EQUIPMENT MANUFACTURER

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A	05/02/23	ISSUED FOR APPORVAL	LTT	BML	KMW

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UNIVERSITY OF TENNESSEE KNOXVILLE

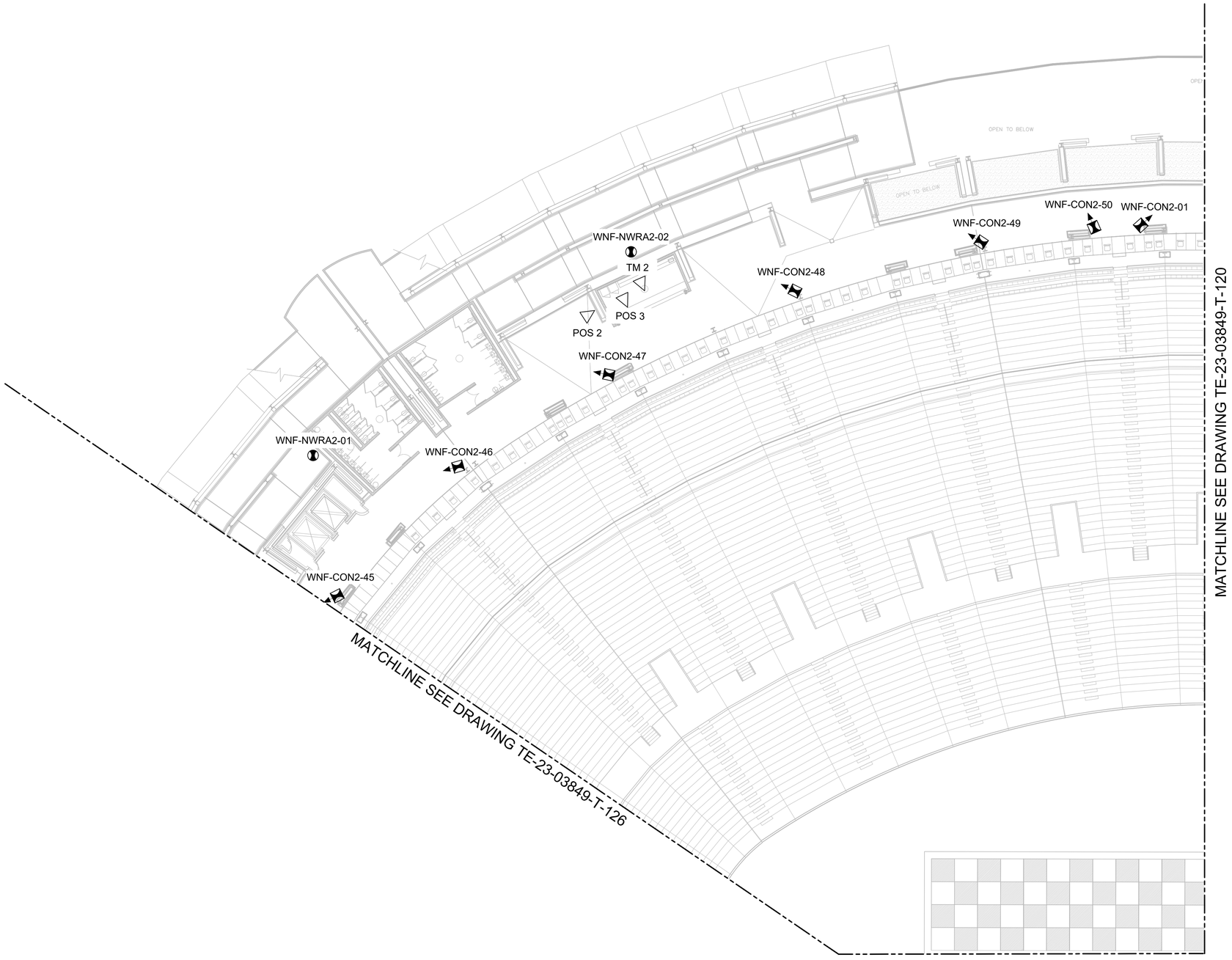
NEYLAND STADIUM

HD WI-FI NETWORK DESIGN AND IMPLEMENTATION

CONCOURSE LEVEL 2 OVERALL PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-126 — REV. 2
APPROVAL: K. WRIGHT	



CONCOURSE LEVEL 2 ENLARGED PLAN VIEW

Scale: 1/16"=1'-0"

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
2. REFERENCE DRAWING TE-23-03849-G-004 FOR ALL GENERAL NOTES.
3. REFERENCE DRAWING TE-23-03849-T-200 THROUGH TE-23-03849-T-241 FOR ALL ACCESS POINT AND ANTENNA INFORMATION. (MODEL #, TYPE, DOWNTILT, MOUNTING DETAIL, ETC.)
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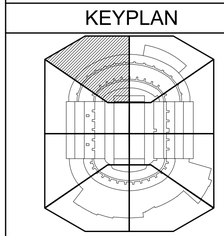
ACCESS POINT LABEL NOMENCLATURE

WNF-XXXX-00

WIFI NEYLAND FIELD — LEVEL — ROOM NO. — SEQUENCE

KEYPLAN



LEGEND

- DIRECTIONAL ACCESS POINT / ANTENNA
- OMNI ACCESS POINT / ANTENNA
- TM — MONITOR FOR MENU BOARD OUTLET - NUMBER CAT 6A CABLES
- POS — POINTOF SALE OUTLET - NUMBER CAT 6A CABLES

EQUIPMENT MANUFACTURER

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A	05/02/23	ISSUED FOR APPORVAL	LTT	BML	KMW

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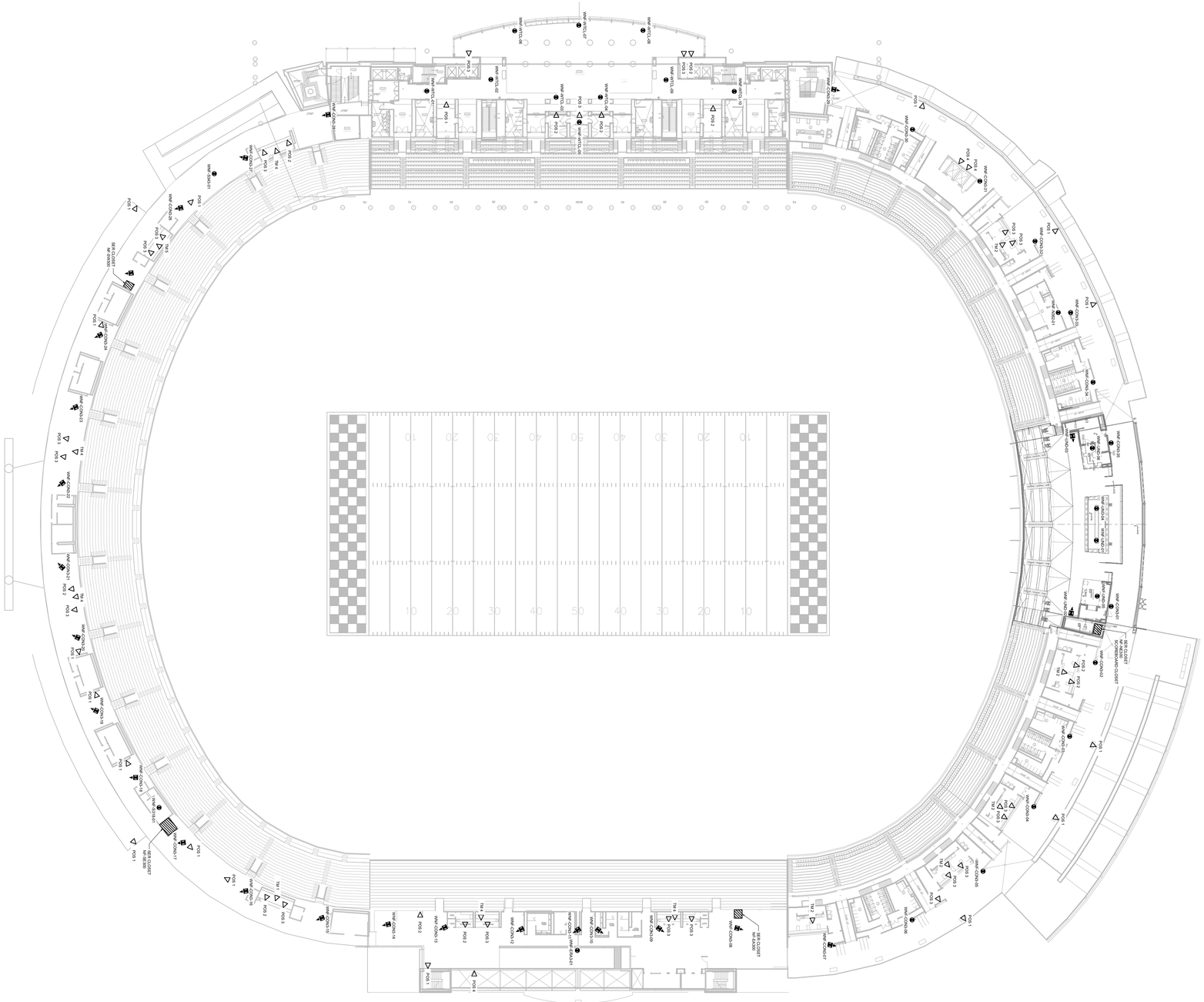
UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
CONCOURSE LEVEL 2 ENLARGED PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-127 — REV. 2
APPROVAL: K. WRIGHT	



CONCOURSE LEVEL 3 OVERALL PLAN VIEW

Scale: 1/16"=1'-0"

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
2. REFERENCE DRAWING TE-23-03849-G-004 FOR ALL GENERAL NOTES.
3. REFERENCE DRAWING TE-23-03849-T-200 THROUGH TE-23-03849-T-241 FOR ALL ACCESS POINT AND ANTENNA INFORMATION. (MODEL #, TYPE, DOWNTILT, MOUNTING DETAIL, ETC.)
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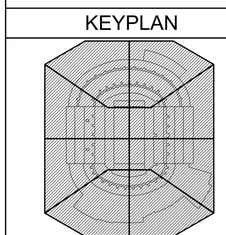
ACCESS POINT LABEL NOMENCLATURE

WNF-XXXX-00

WIFI NEYLAND FIELD — LEVEL — ROOM NO. — SEQUENCE

KEYPLAN



LEGEND

- DIRECTIONAL ACCESS POINT / ANTENNA
- OMNI ACCESS POINT / ANTENNA
- TM — MONITOR FOR MENU BOARD OUTLET - NUMBER CAT 6A CABLES
- POS — POINTOF SALE OUTLET - NUMBER CAT 6A CABLES

EQUIPMENT MANUFACTURER

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A	05/02/23	ISSUED FOR APPORVAL	LTT	BML	KMW

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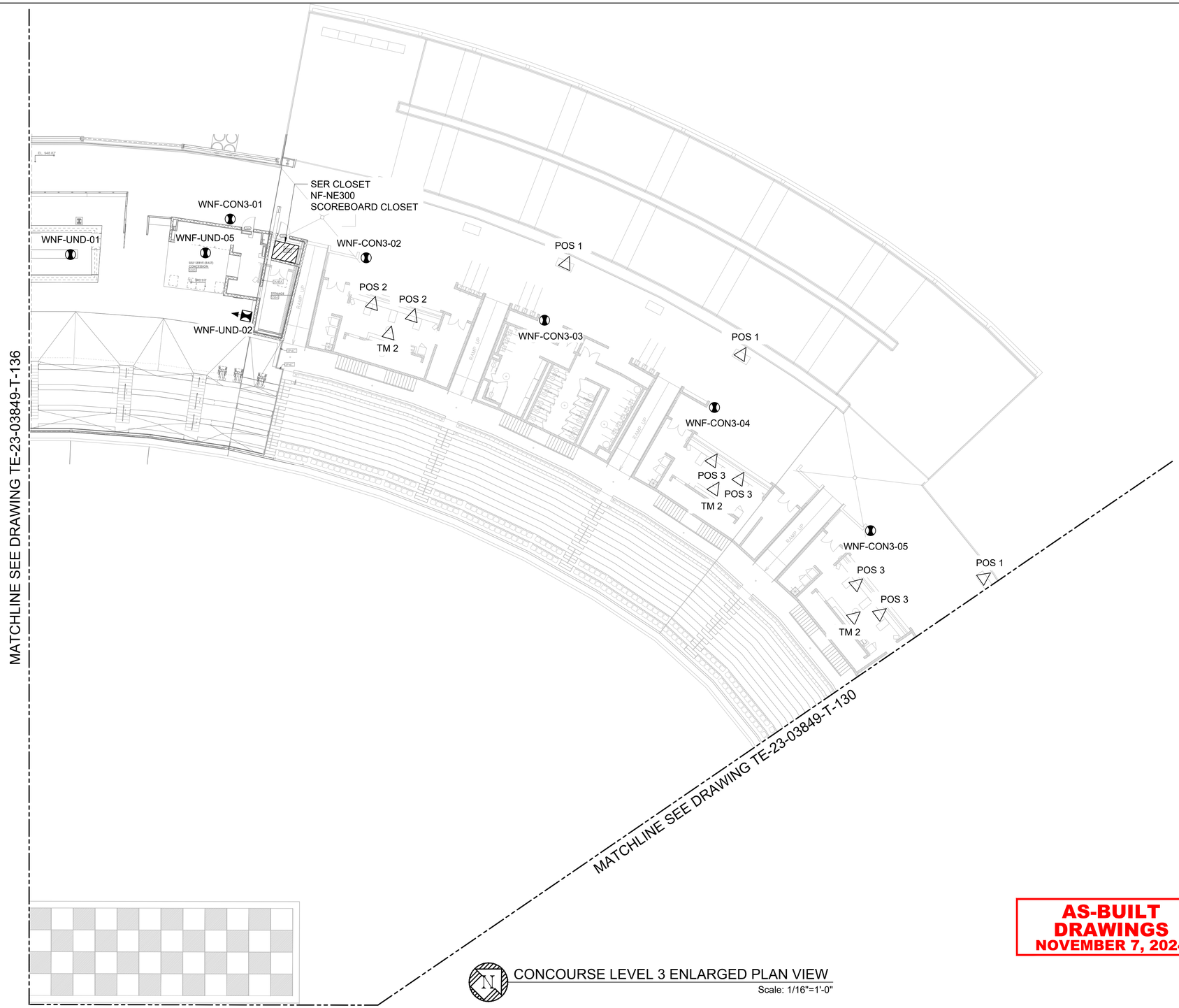
UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
CONCOURSE LEVEL 3 OVERALL PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-128 — REV. 2
APPROVAL: K. WRIGHT	



CONCOURSE LEVEL 3 ENLARGED PLAN VIEW

Scale: 1/16"=1'-0"

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

NOTES:

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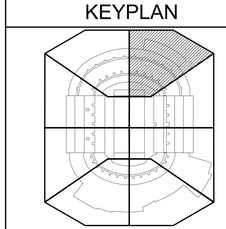
ACCESS POINT LABEL NOMENCLATURE

WNF-XXXX-00

- WIFI NEYLAND FIELD
- LEVEL
- ROOM NO.
- SEQUENCE

KEYPLAN



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- OMNI ACCESS POINT / ANTENNA
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- POS — POINTOF SALE OUTLET - NUMBER CAT 6A CABLES

EQUIPMENT MANUFACTURER

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REVISION

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2	11/07/24	AS-BUILT	JPP	BML	KMW
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0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BML	KMW
B	06/26/23	ISSUED FOR APPROVAL	CTJ	BML	KMW
A	05/02/23	ISSUED FOR APPORVAL	LTT	BML	KMW

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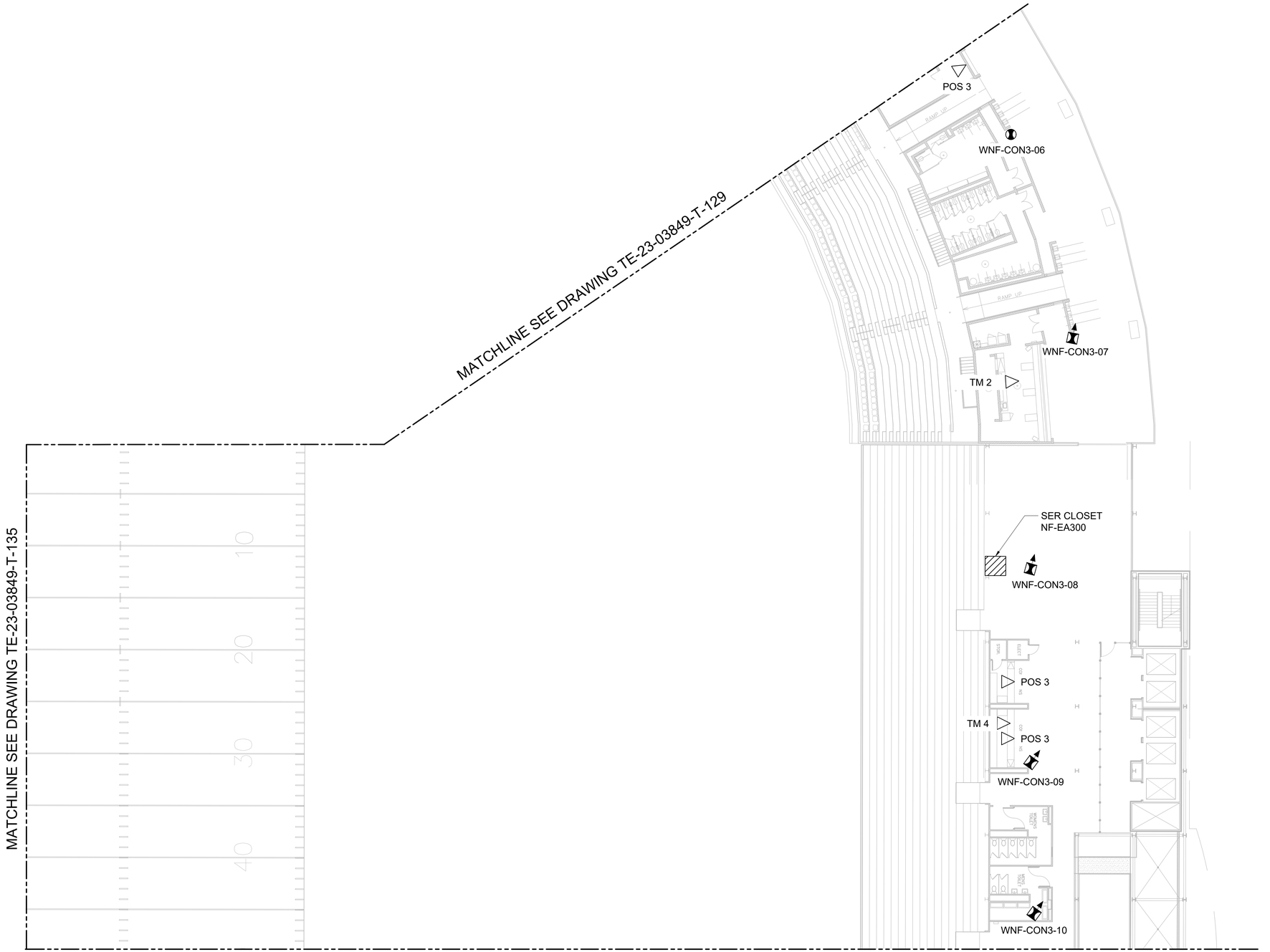
UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
CONCOURSE LEVEL 3 ENLARGED PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-129 — REV. 2
APPROVAL: K. WRIGHT	



CONCOURSE LEVEL 3 ENLARGED PLAN VIEW

Scale: 1/16"=1'-0"

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

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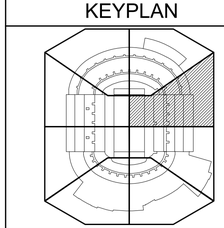
ACCESS POINT LABEL NOMENCLATURE

WNF-XXXX-00

WIFI NEYLAND FIELD — LEVEL — ROOM NO. — SEQUENCE

KEYPLAN



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PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
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ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-130 — REV. 2
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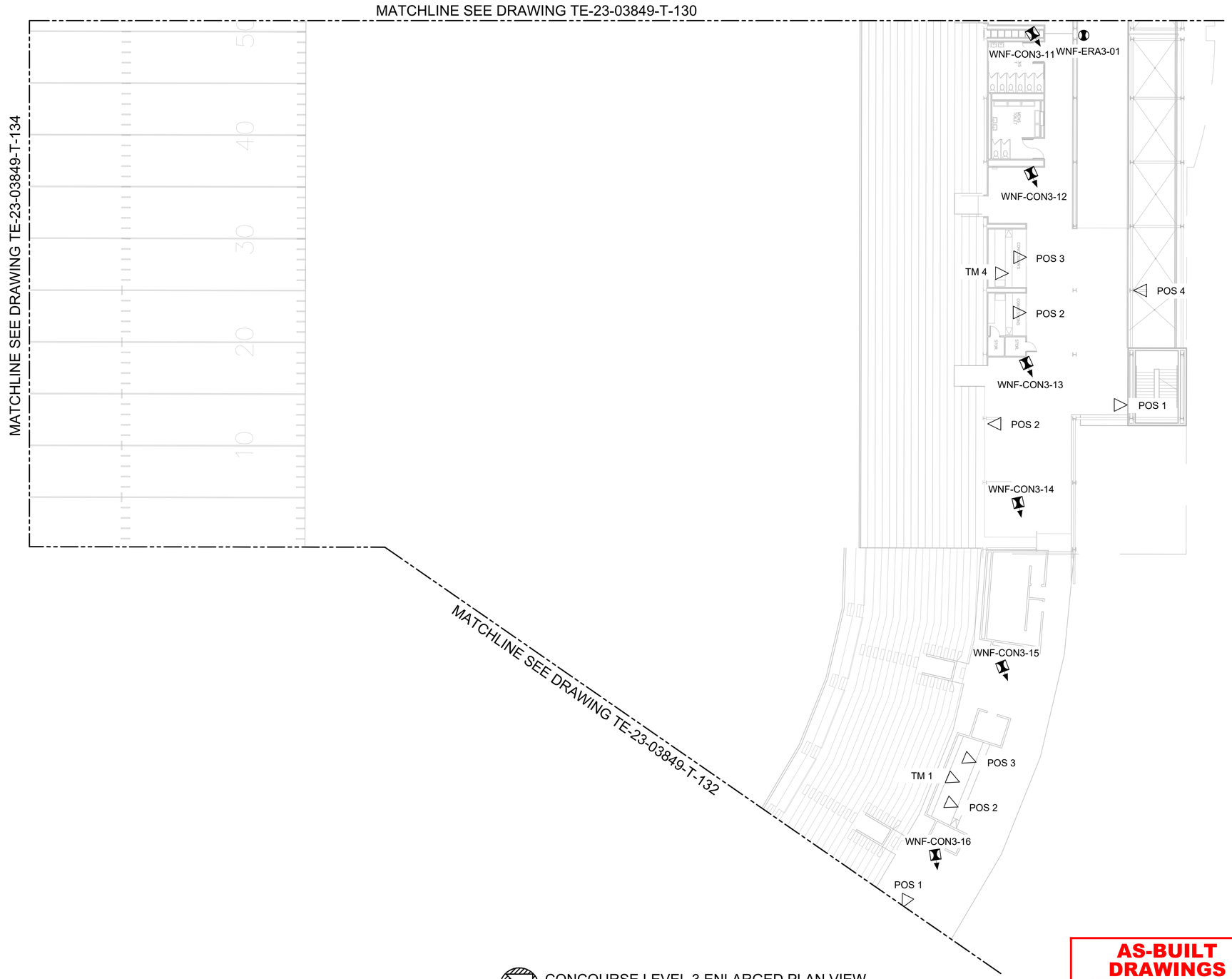

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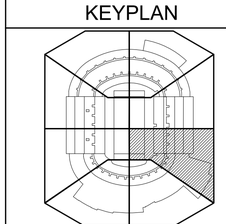

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CONSULTING ENGINEERS

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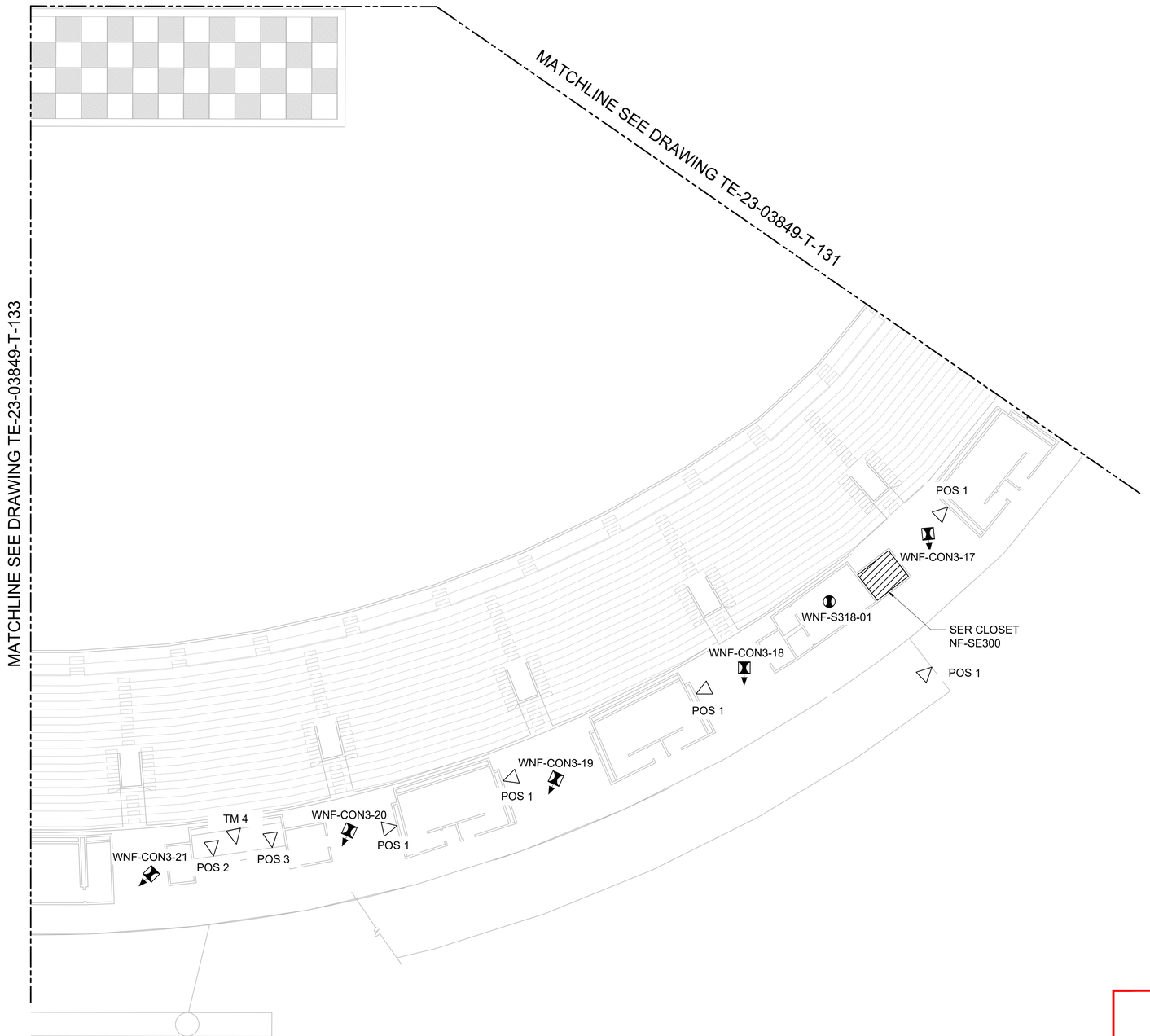
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-131
APPROVAL: K. WRIGHT	REV. 2



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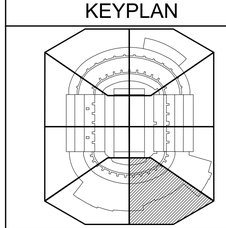

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CONCOURSE LEVEL 3 ENLARGED PLAN VIEW

M S BENBOW & ASSOCIATES
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DESIGNER: L. TRAN	SCALE: AS NOTED
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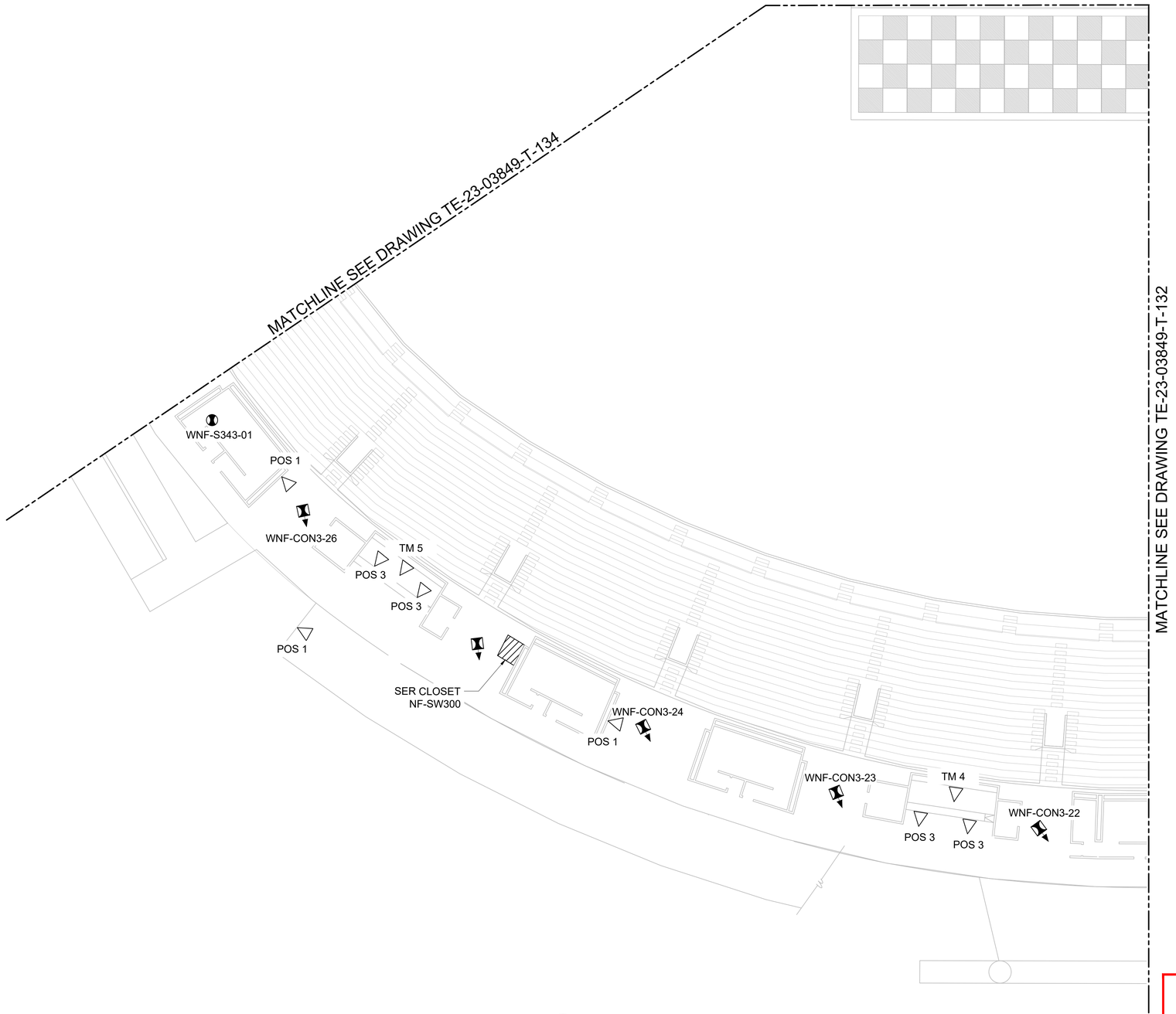

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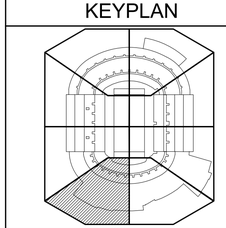

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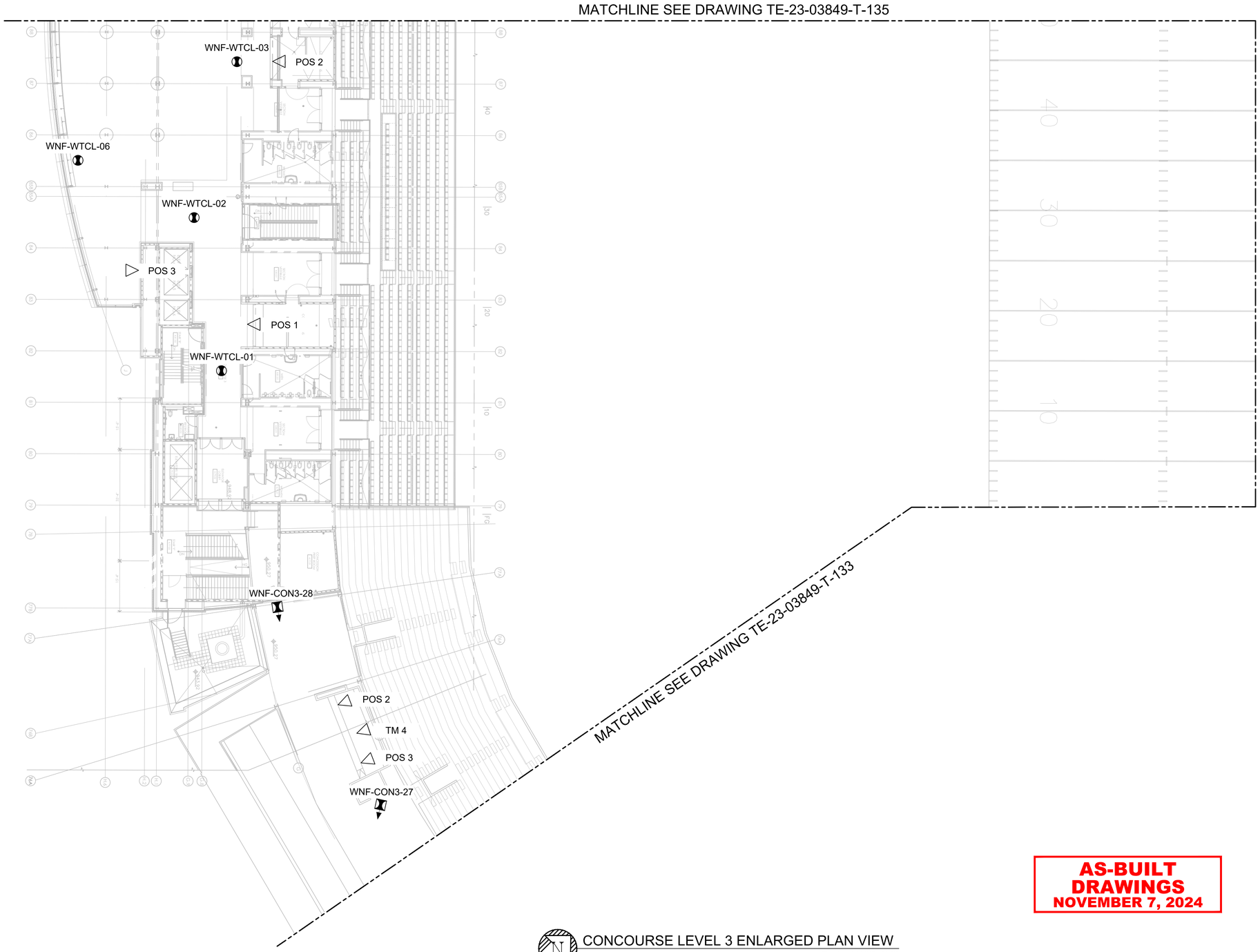

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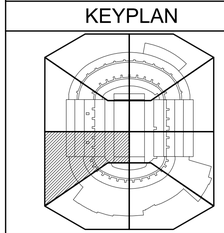

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CONCOURSE LEVEL 3 ENLARGED PLAN VIEW

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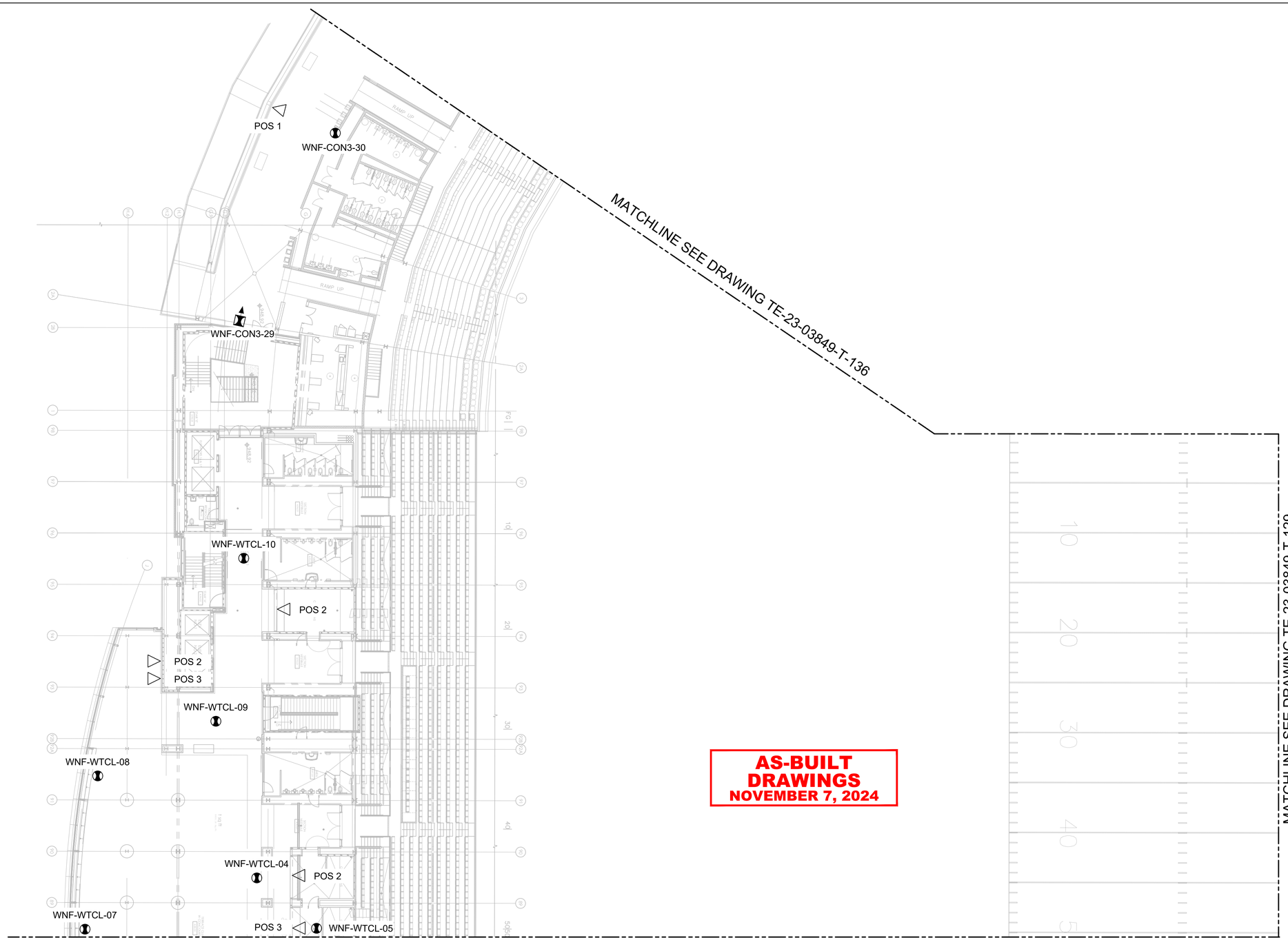

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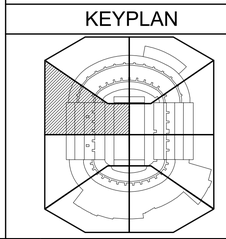

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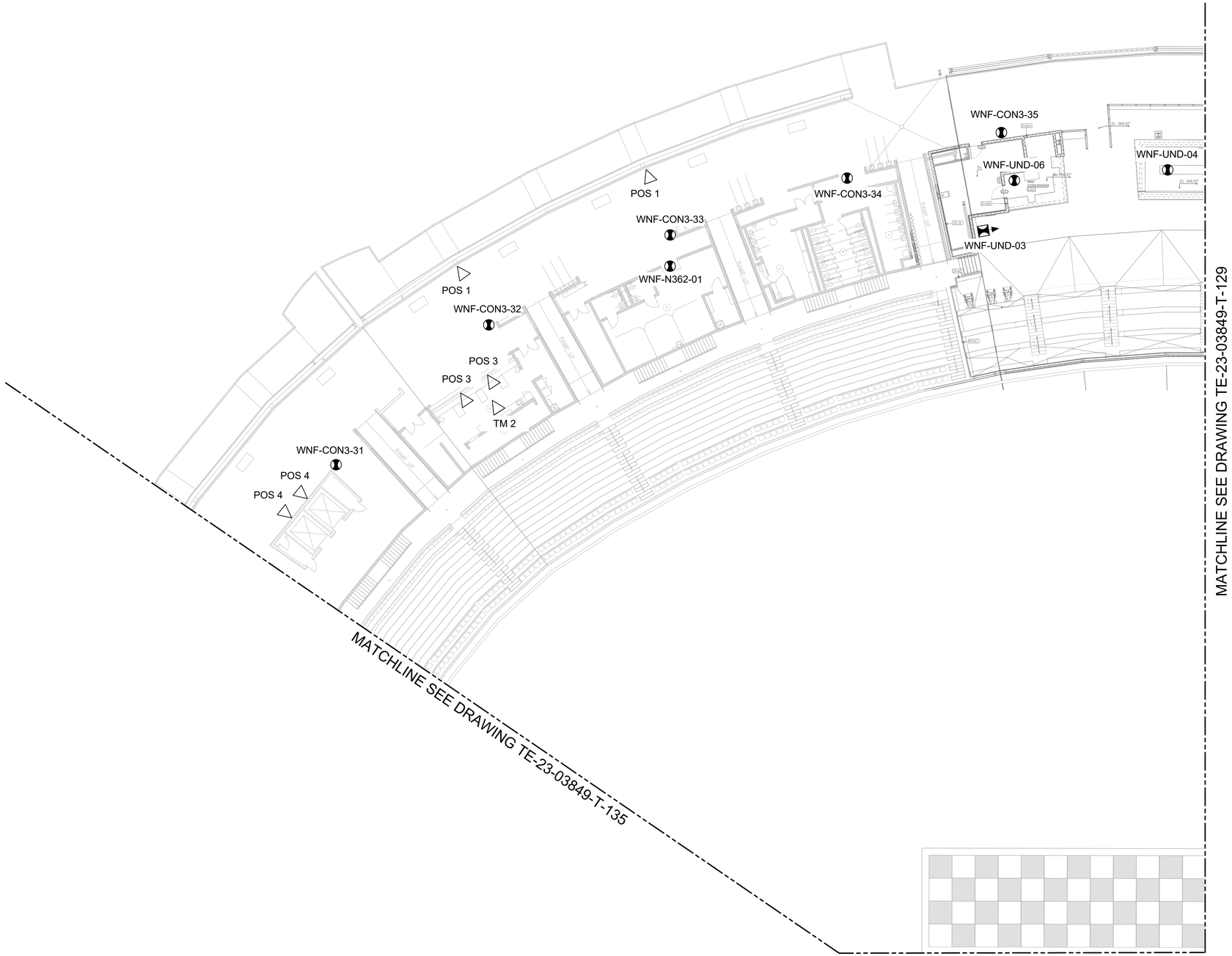
PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-135 — REV. 2
APPROVAL: K. WRIGHT	



CONCOURSE LEVEL 3 ENLARGED PLAN VIEW

Scale: 1/16"=1'-0"

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
2. REFERENCE DRAWING TE-23-03849-G-004 FOR ALL GENERAL NOTES.
3. REFERENCE DRAWING TE-23-03849-T-200 THROUGH TE-23-03849-T-241 FOR ALL ACCESS POINT AND ANTENNA INFORMATION. (MODEL #, TYPE, DOWNTILT, MOUNTING DETAIL, ETC.)
4. CAT6A CABLES SERVING MENU BOARDS SHALL BE TERMINATED AND COILED ABOVE THE CEILING AND BE GIVEN A 30' SERVICE LOOP IN THE CEILING.
5. ALL CABLES SERVING MONITORS FOR MENU BOARDS AND POINT OF SALE LOCATIONS ARE TO BE INSTALLED TO THE NEAREST SER LOCATION. OUTLETS AND FACEPLATES SHALL BE INSTALLED AND LABELED IN ACCORDANCE WITH UTK OIT STANDARDS.

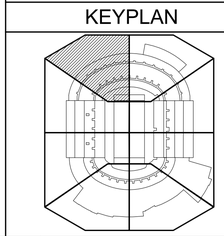
IN THE EVENT AP LOCATION PER DESIGN PACKAGE IS NOT ACCESSIBLE OR INSTALLATION IS NOT POSSIBLE DUE TO PHYSICAL OBSTRUCTION AND DEVIATION IS GREATER THAN 36", CONTRACTOR/OWNER SHALL NOTIFY ENGINEER PRIOR TO RELOCATING OUTSIDE OF THE ALLOWABLE INSTALLATION ALLOWANCE OF 36".

ACCESS POINT LABEL NOMENCLATURE

WNF-XXXX-00

WIFI NEYLAND FIELD — LEVEL — ROOM NO. — SEQUENCE

KEYPLAN



LEGEND

- DIRECTIONAL ACCESS POINT / ANTENNA
- OMNI ACCESS POINT / ANTENNA
- TM — MONITOR FOR MENU BOARD OUTLET - NUMBER CAT 6A CABLES
- POS — POINTOF SALE OUTLET - NUMBER CAT 6A CABLES

EQUIPMENT MANUFACTURER

aruba
a Hewlett Packard Enterprise company

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THE UNIVERSITY OF TENNESSEE KNOXVILLE

REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
2	11/07/24	AS-BUILT	JPP	BML	KMW
1	07/09/24	AS-BUILT	JPP	BML	KMW
0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BML	KMW
B	06/26/23	ISSUED FOR APPROVAL	CTJ	BML	KMW
A	04/10/23	ISSUED FOR APPORVAL	LTT	BML	KMW

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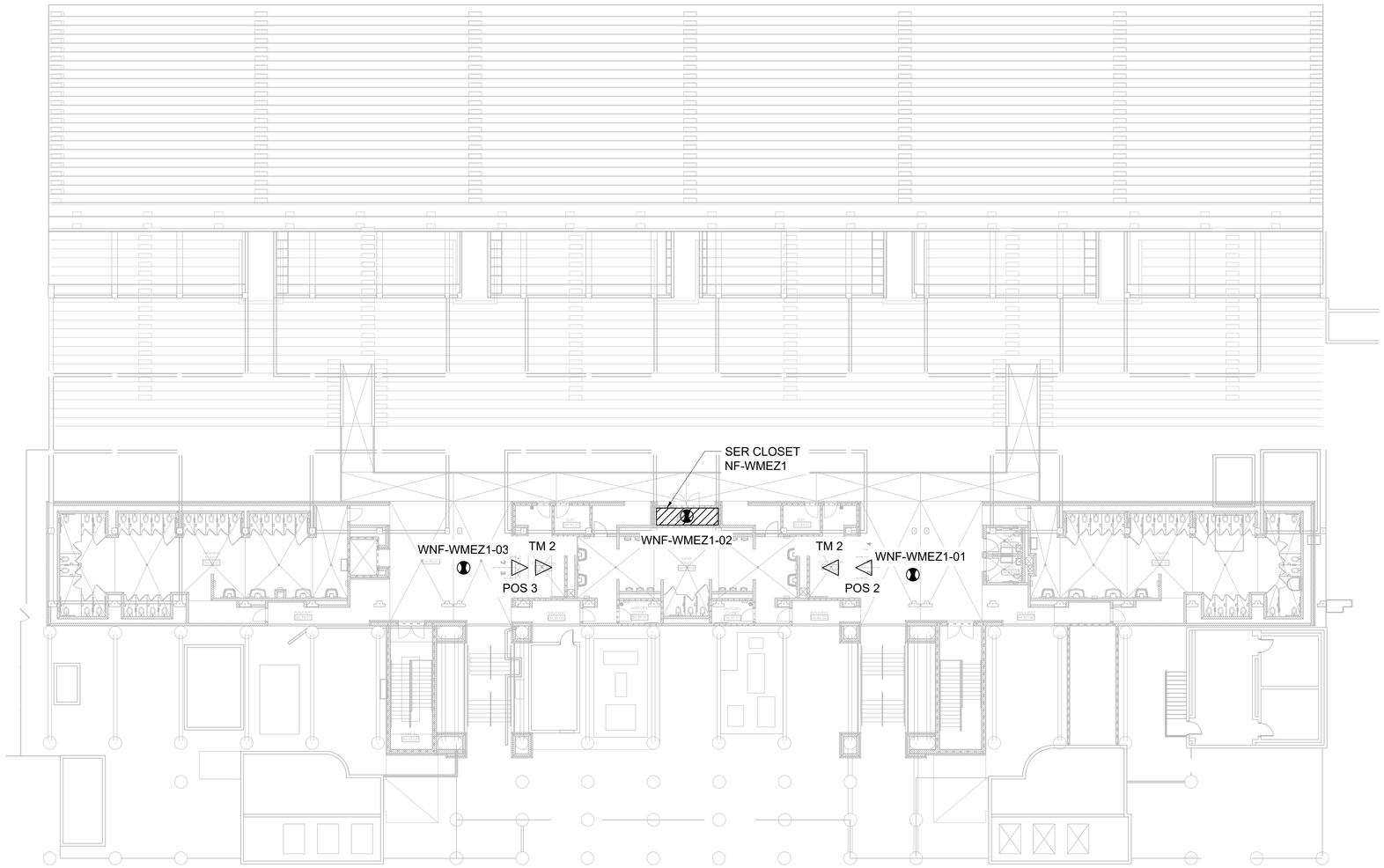
UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
CONCOURSE LEVEL 3 ENLARGED PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-136
APPROVAL: K. WRIGHT	REV. 2



WEST LEVEL 1 MEZZANINE OVERALL PLAN VIEW

Scale: 1/16"=1'-0"

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
2. REFERENCE DRAWING TE-23-03849-G-004 FOR ALL GENERAL NOTES.
3. REFERENCE DRAWING TE-23-03849-T-200 THROUGH TE-23-03849-T-241 FOR ALL ACCESS POINT AND ANTENNA INFORMATION. (MODEL #, TYPE, DOWNTILT, MOUNTING DETAIL, ETC.)
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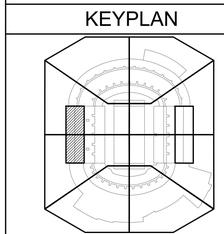
ACCESS POINT LABEL NOMENCLATURE

WNF-XXXX-00

WIFI NEYLAND FIELD — LEVEL — ROOM NO. — SEQUENCE

KEYPLAN



LEGEND

- DIRECTIONAL ACCESS POINT / ANTENNA
- OMNI ACCESS POINT / ANTENNA
- TM — MONITOR FOR MENU BOARD OUTLET - NUMBER CAT 6A CABLES
- POS — POINTOF SALE OUTLET - NUMBER CAT 6A CABLES

EQUIPMENT MANUFACTURER

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0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BML	KMW
B	06/26/23	ISSUED FOR APPROVAL	CTJ	BML	KMW
A	04/10/23	ISSUED FOR APPORVAL	LTT	BML	KMW

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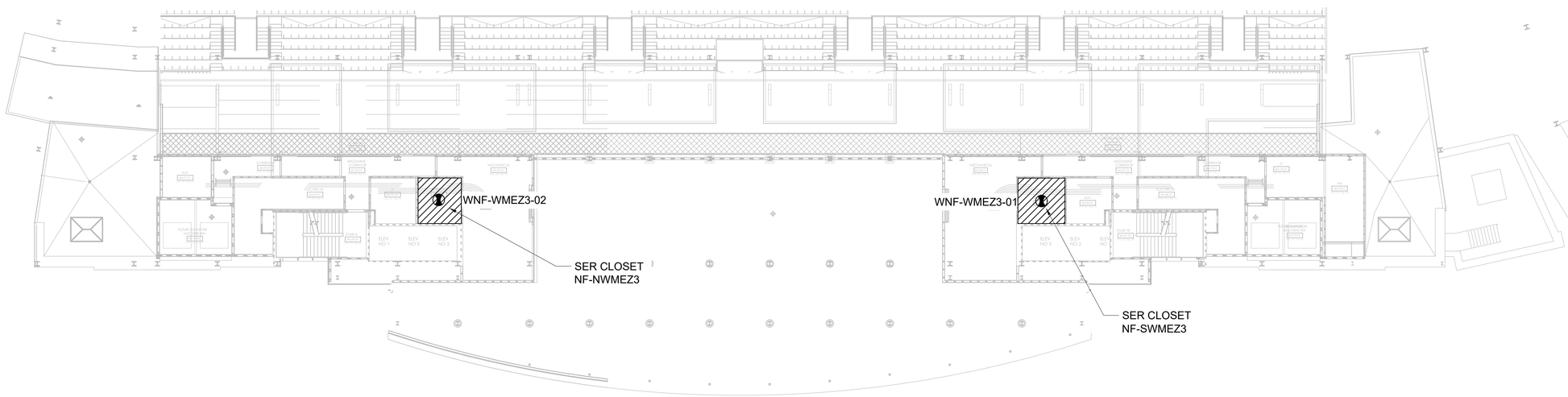
UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
WEST LEVEL 1 MEZZANINE OVERALL PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-137 — REV. 2
APPROVAL: K. WRIGHT	



WEST LEVEL 3 MEZZANINE OVERALL PLAN VIEW

Scale: 1/16"=1'-0"

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
2. REFERENCE DRAWING TE-23-03849-G-004 FOR ALL GENERAL NOTES.
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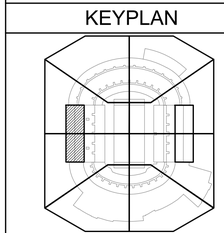
ACCESS POINT LABEL NOMENCLATURE

WNF-XXXX-00

WIFI NEYLAND FIELD
LEVEL
ROOM NO.
SEQUENCE

KEYPLAN



LEGEND

- DIRECTIONAL ACCESS POINT / ANTENNA
- OMNI ACCESS POINT / ANTENNA
- TM — MONITOR FOR MENU BOARD OUTLET - NUMBER CAT 6A CABLES
- POS — POINTOF SALE OUTLET - NUMBER CAT 6A CABLES

EQUIPMENT MANUFACTURER

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NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
2	11/07/24	AS-BUILT	JPP	BML	KMW
1	07/09/24	AS-BUILT	JPP	BML	KMW
0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BML	KMW
A	03/31/23	ISSUED FOR APPROVAL	LTT	BML	KMW

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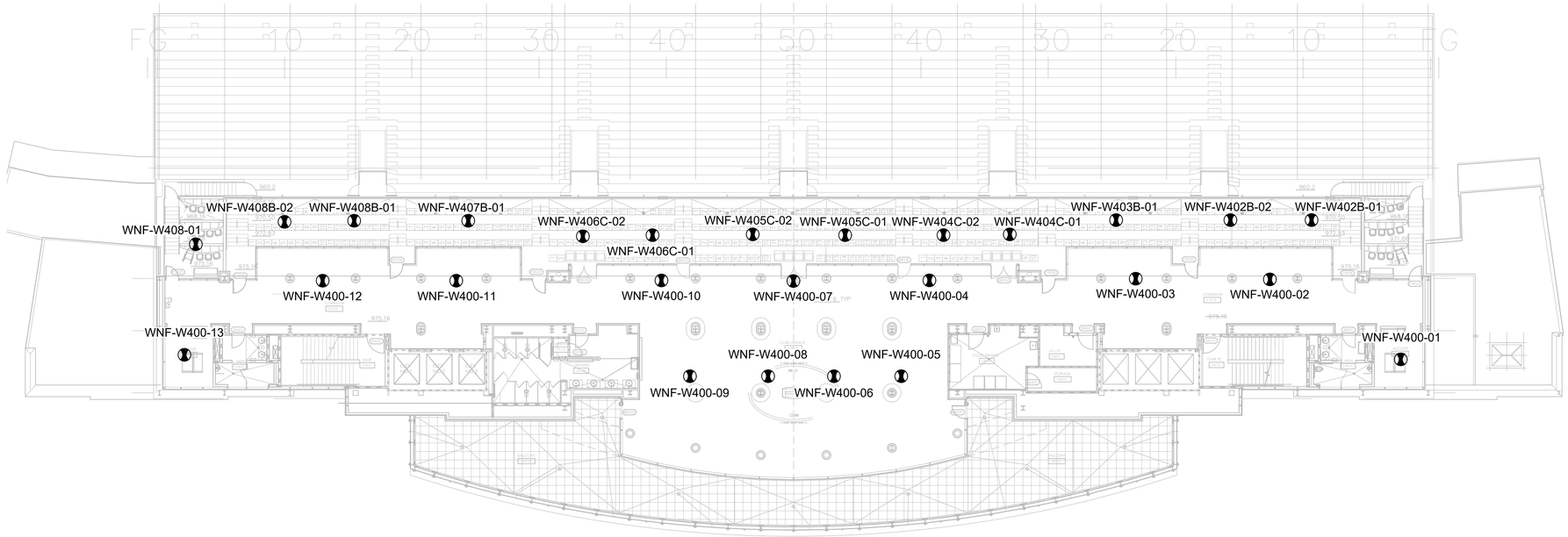
UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
WEST LEVEL 3 MEZZANINE OVERALL PLAN VIEW

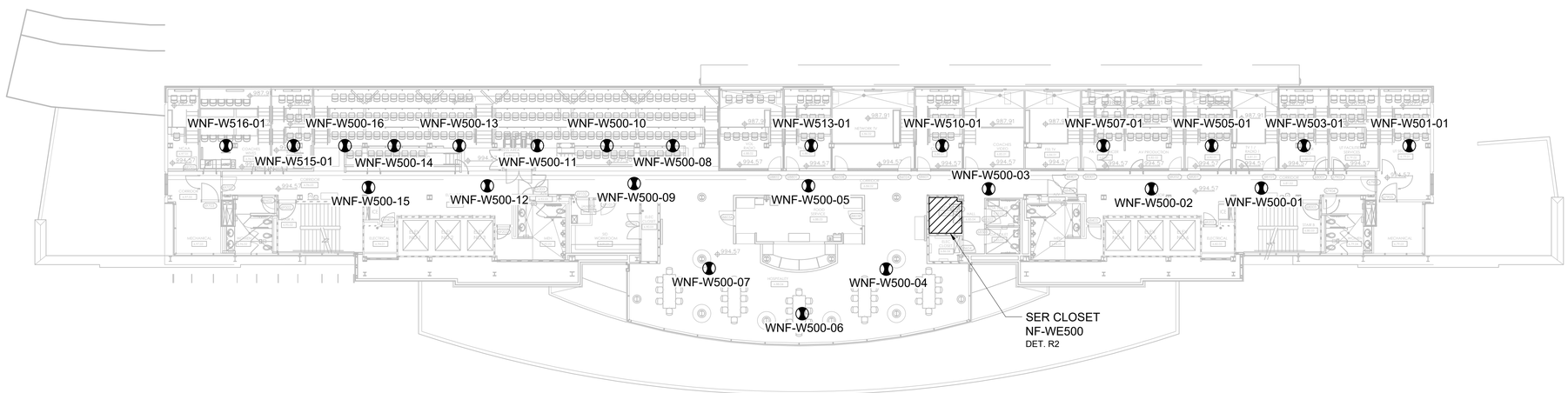
M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-138
APPROVAL: K. WRIGHT	REV. 2



WEST SKYBOX LEVEL 4 OVERALL PLAN VIEW

Scale: 1/16"=1'-0"



WEST SKYBOX LEVEL 5 OVERALL PLAN VIEW

Scale: 1/16"=1'-0"

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
2. REFERENCE DRAWING TE-23-03849-G-004 FOR ALL GENERAL NOTES.
3. REFERENCE DRAWING TE-23-03849-T-200 THROUGH TE-23-03849-T-241 FOR ALL ACCESS POINT AND ANTENNA INFORMATION. (MODEL #, TYPE, DOWNTILT, MOUNTING DETAIL, ETC.)

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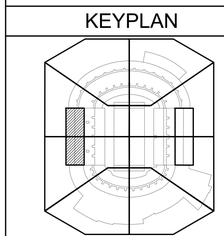
ACCESS POINT LABEL NOMENCLATURE

WNF-XXXX-00

WIFI NEYLAND FIELD — LEVEL — ROOM NO. — SEQUENCE

KEYPLAN



LEGEND

- DIRECTIONAL ACCESS POINT / ANTENNA
- OMNI ACCESS POINT / ANTENNA
- TM — MONITOR FOR MENU BOARD OUTLET - NUMBER CAT 6A CABLES
- POS — POINTOF SALE OUTLET - NUMBER CAT 6A CABLES

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

EQUIPMENT MANUFACTURER

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0	04/04/23	ISSUED FOR CONSTRUCTION	CTJ	BML	KMW
A	03/17/23	ISSUED FOR APPROVAL	LTT	BML	KMW

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UNIVERSITY OF TENNESSEE KNOXVILLE

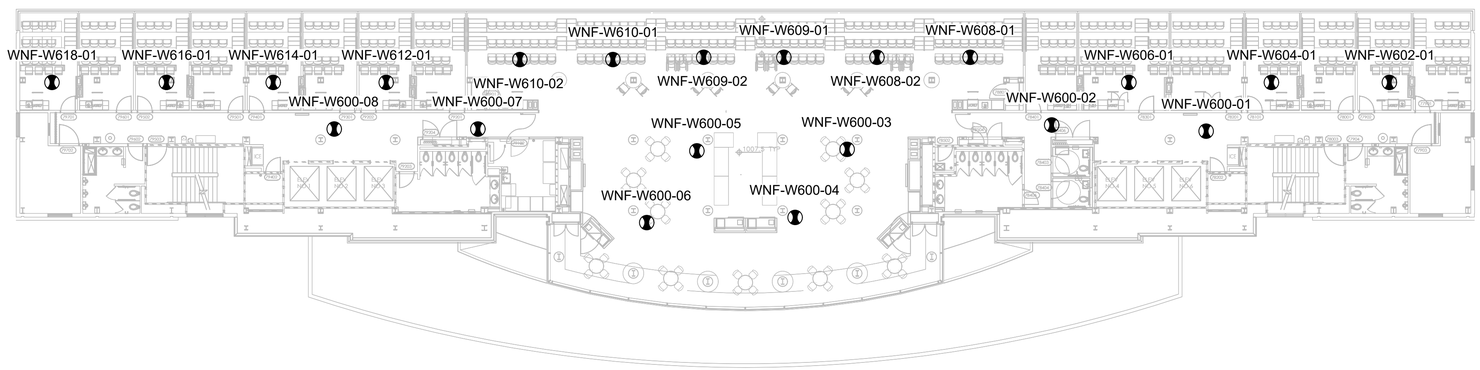
NEYLAND STADIUM

HD WI-FI NETWORK DESIGN AND IMPLEMENTATION

WEST SKYBOX LEVEL 4 & 5 OVERALL PLAN VIEW

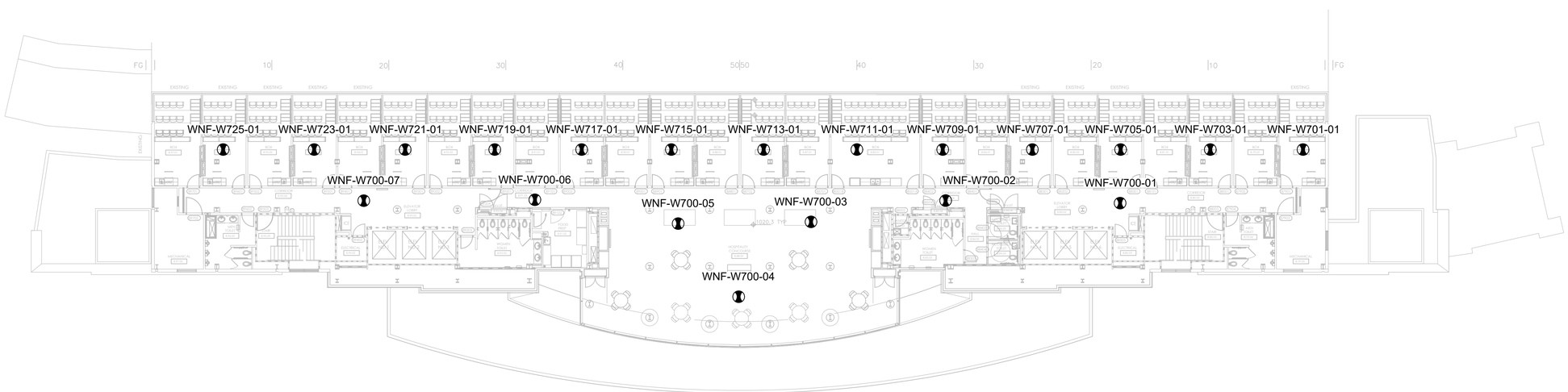
M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-139 — REV. 2
APPROVAL: K. WRIGHT	



WEST SKYBOX LEVEL 6 OVERALL PLAN VIEW

Scale: 1/16"=1'-0"



WEST SKYBOX LEVEL 7 OVERALL PLAN VIEW

Scale: 1/16"=1'-0"

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
2. REFERENCE DRAWING TE-23-03849-G-004 FOR ALL GENERAL NOTES.
3. REFERENCE DRAWING TE-23-03849-T-200 THROUGH TE-23-03849-T-241 FOR ALL ACCESS POINT AND ANTENNA INFORMATION. (MODEL #, TYPE, DOWNTILT, MOUNTING DETAIL, ETC.)

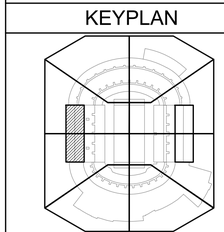
IN THE EVENT AP LOCATION PER DESIGN PACKAGE IS NOT ACCESSIBLE OR INSTALLATION IS NOT POSSIBLE DUE TO PHYSICAL OBSTRUCTION AND DEVIATION IS GREATER THAN 36", CONTRACTOR/OWNER SHALL NOTIFY ENGINEER PRIOR TO RELOCATING OUTSIDE OF THE ALLOWABLE INSTALLATION ALLOWANCE OF 36".

ACCESS POINT LABEL NOMENCLATURE

WNF-XXXX-00

WIFI NEYLAND FIELD — LEVEL — ROOM NO. — SEQUENCE

KEYPLAN



LEGEND

- DIRECTIONAL ACCESS POINT / ANTENNA
- OMNI ACCESS POINT / ANTENNA
- TM — MONITOR FOR MENU BOARD OUTLET - NUMBER CAT 6A CABLES
- POS — POINTOF SALE OUTLET - NUMBER CAT 6A CABLES

EQUIPMENT MANUFACTURER

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a Hewlett Packard Enterprise company

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0	04/04/23	ISSUED FOR CONSTRUCTION	CTJ	BML	KMW
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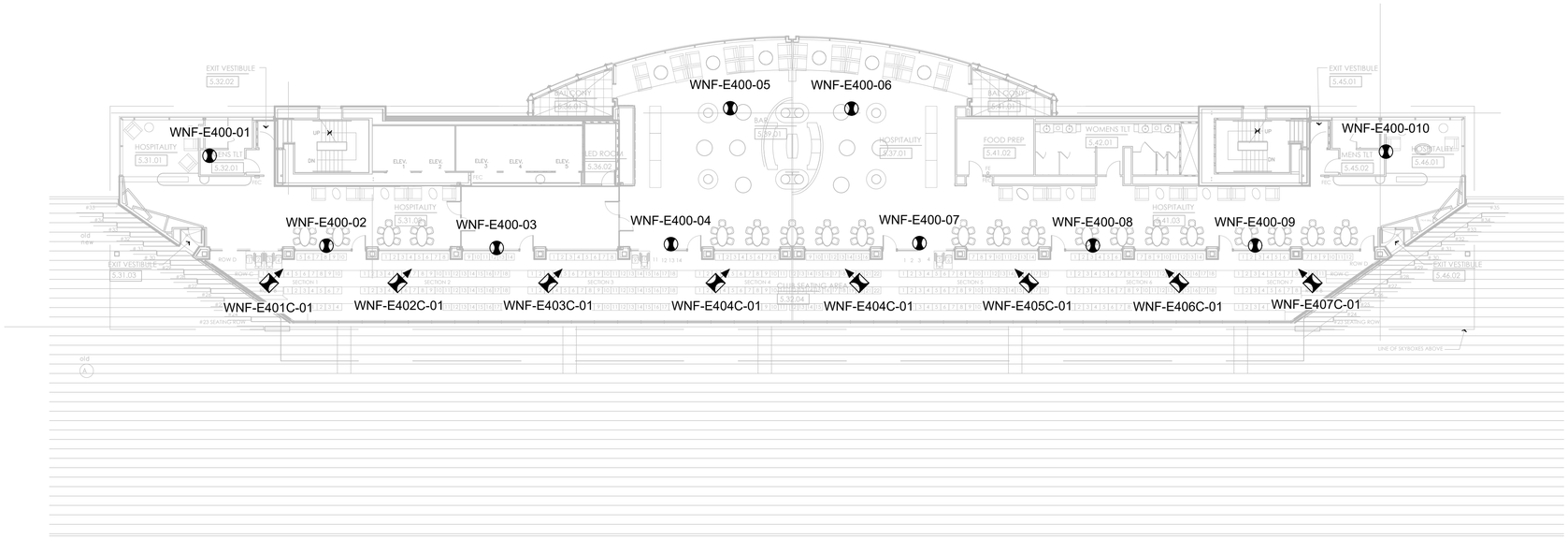
UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
WEST SKYBOX LEVEL 6 & 7 OVERALL PLAN VIEW

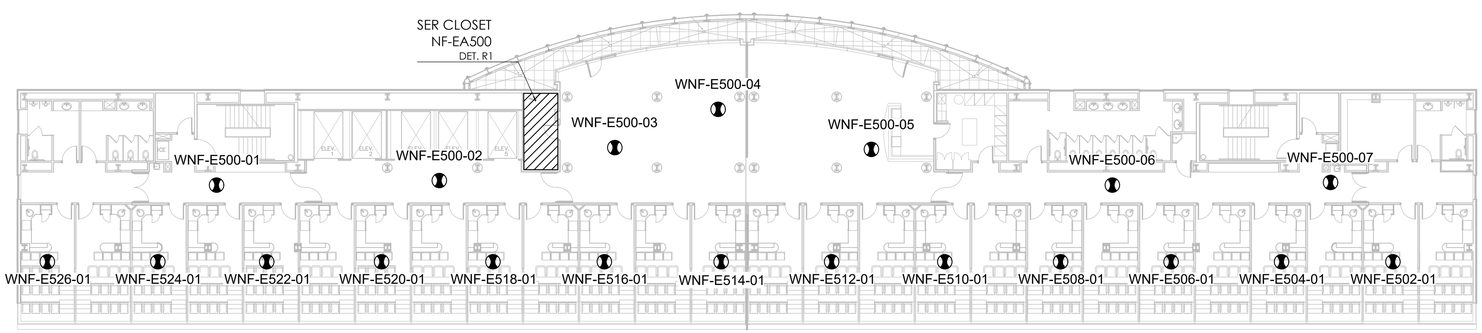
M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-140 — REV. 2
APPROVAL: K. WRIGHT	



EAST CLUB LEVEL 4 OVERALL PLAN VIEW

Scale: 1/16"=1'-0"



EAST SKYBOX LEVEL 5 OVERALL PLAN VIEW

Scale: 1/16"=1'-0"

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
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3. REFERENCE DRAWING TE-23-03849-T-200 THROUGH TE-23-03849-T-241 FOR ALL ACCESS POINT AND ANTENNA INFORMATION. (MODEL #, TYPE, DOWNTILT, MOUNTING DETAIL, ETC.)

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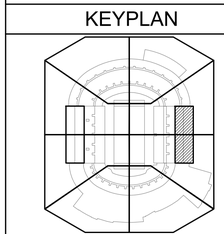
ACCESS POINT LABEL NOMENCLATURE

WNF-XXXX-00

WIFI NEYLAND FIELD — LEVEL — ROOM NO. — SEQUENCE

KEYPLAN



LEGEND

- DIRECTIONAL ACCESS POINT / ANTENNA
- OMNI ACCESS POINT / ANTENNA
- TM — MONITOR FOR MENU BOARD OUTLET - NUMBER CAT 6A CABLES
- POS — POINTOF SALE OUTLET - NUMBER CAT 6A CABLES

EQUIPMENT MANUFACTURER

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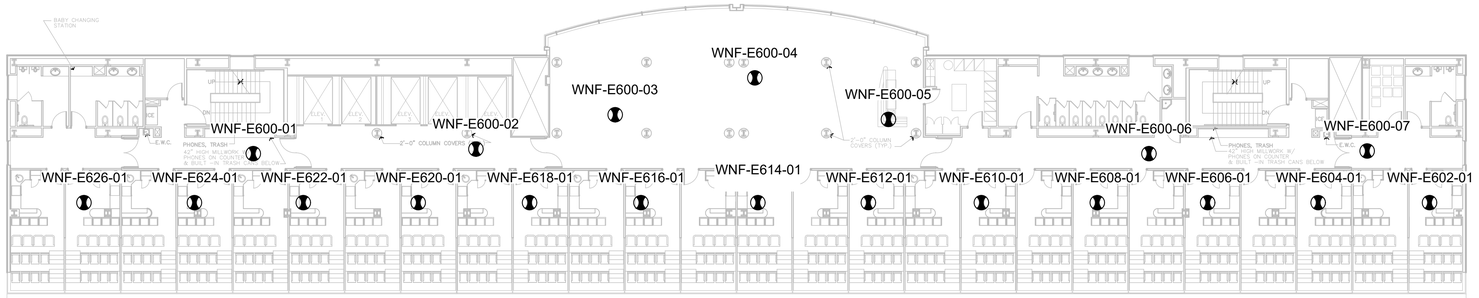
UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
EAST CLUB LEVEL 4 & SKYBOX LEVEL 5 OVERALL PLAN VIEW

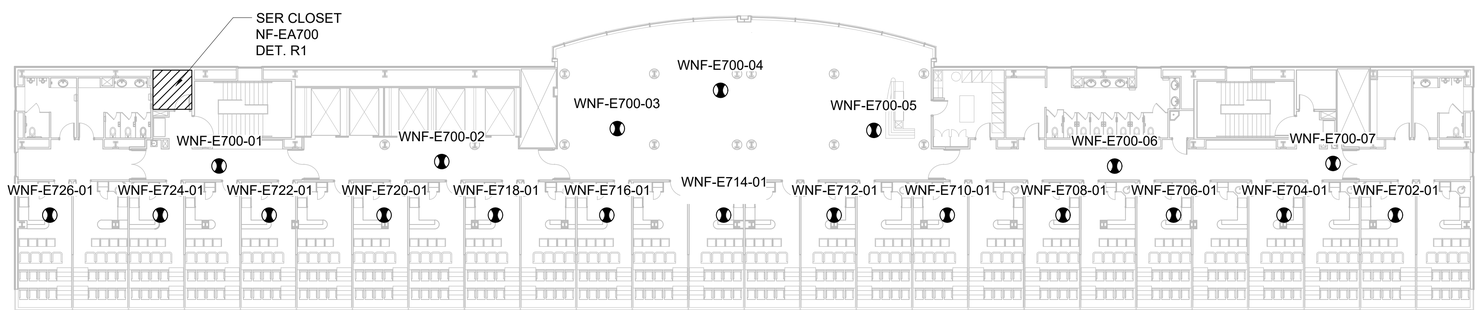
M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-141 — REV. 2
APPROVAL: K. WRIGHT	



EAST SKYBOX LEVEL 6 OVERALL PLAN VIEW

Scale: 1/16"=1'-0"



EAST SKYBOX LEVEL 7 OVERALL PLAN VIEW

Scale: 1/16"=1'-0"

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

NOTES:

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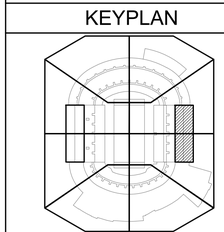
ACCESS POINT LABEL NOMENCLATURE

WNF-XXXX-00

WIFI NEYLAND FIELD — LEVEL — ROOM NO. — SEQUENCE

KEYPLAN



LEGEND

- DIRECTIONAL ACCESS POINT / ANTENNA
- OMNI ACCESS POINT / ANTENNA
- TM — MONITOR FOR MENU BOARD OUTLET - NUMBER CAT 6A CABLES
- POS — POINTOF SALE OUTLET - NUMBER CAT 6A CABLES

EQUIPMENT MANUFACTURER

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THE UNIVERSITY OF TENNESSEE KNOXVILLE

REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
2	11/07/24	AS-BUILT	JPP	BML	KMW
1	07/09/24	AS-BUILT	JPP	BML	KMW
0	04/04/23	ISSUED FOR CONSTRUCTION	CTJ	BML	KMW
A	03/17/23	ISSUED FOR APPROVAL	LTT	BML	KMW

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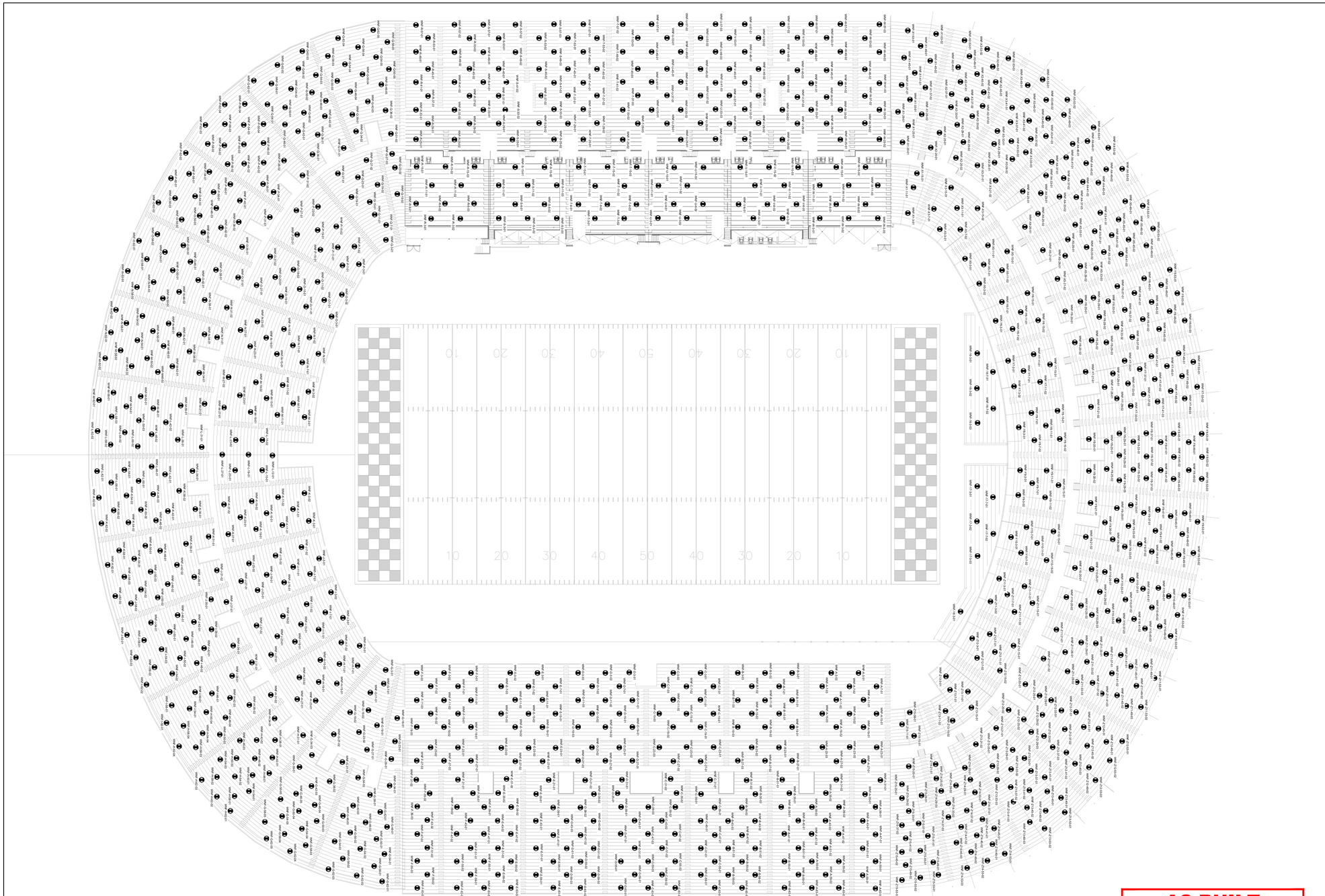
UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
EAST SKYBOX LEVEL 6 & 7 OVERALL PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-142 — REV. 2
APPROVAL: K. WRIGHT	



LOWER & MIDDLE BOWL OVERALL PLAN VIEW

Scale: 1/32"=1'-0"

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
2. REFERENCE DRAWING TE-23-03849-G-004 FOR ALL GENERAL NOTES.
3. REFERENCE DRAWING TE-23-03849-T-200 THROUGH TE-23-03849-T-241 FOR ALL ACCESS POINT AND ANTENNA INFORMATION. (MODEL #, TYPE, DOWNTILT, MOUNTING DETAIL, ETC.)

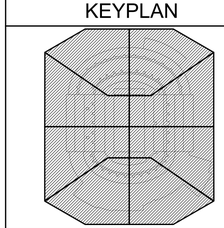
IN THE EVENT AP LOCATION PER DESIGN PACKAGE IS NOT ACCESSIBLE OR INSTALLATION IS NOT POSSIBLE DUE TO PHYSICAL OBSTRUCTION AND DEVIATION IS GREATER THAN 36", CONTRACTOR/OWNER SHALL NOTIFY ENGINEER PRIOR TO RELOCATING OUTSIDE OF THE ALLOWABLE INSTALLATION ALLOWANCE OF 36".

ACCESS POINT LABEL NOMENCLATURE

WNF-XX-XX-00

WIFI NEYLAND FIELD — SECTION — SEATING — SEQUENCE

KEYPLAN



LEGEND

- DIRECTIONAL ACCESS POINT / ANTENNA
- OMNI ACCESS POINT / ANTENNA
- TM — MONITOR FOR MENU BOARD OUTLET - NUMBER CAT 6A CABLES
- POS — POINTOF SALE OUTLET - NUMBER CAT 6A CABLES

EQUIPMENT MANUFACTURER

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a Hewlett Packard Enterprise company

CLIENT

THE UNIVERSITY OF TENNESSEE KNOXVILLE

REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
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1	07/09/24	AS-BUILT	JPP	BML	KMW
0	05/11/23	ISSUED FOR CONSTRUCTION	LTT	BML	KMW
A	03/31/23	ISSUED FOR APPROVAL	LTT	BML	KMW

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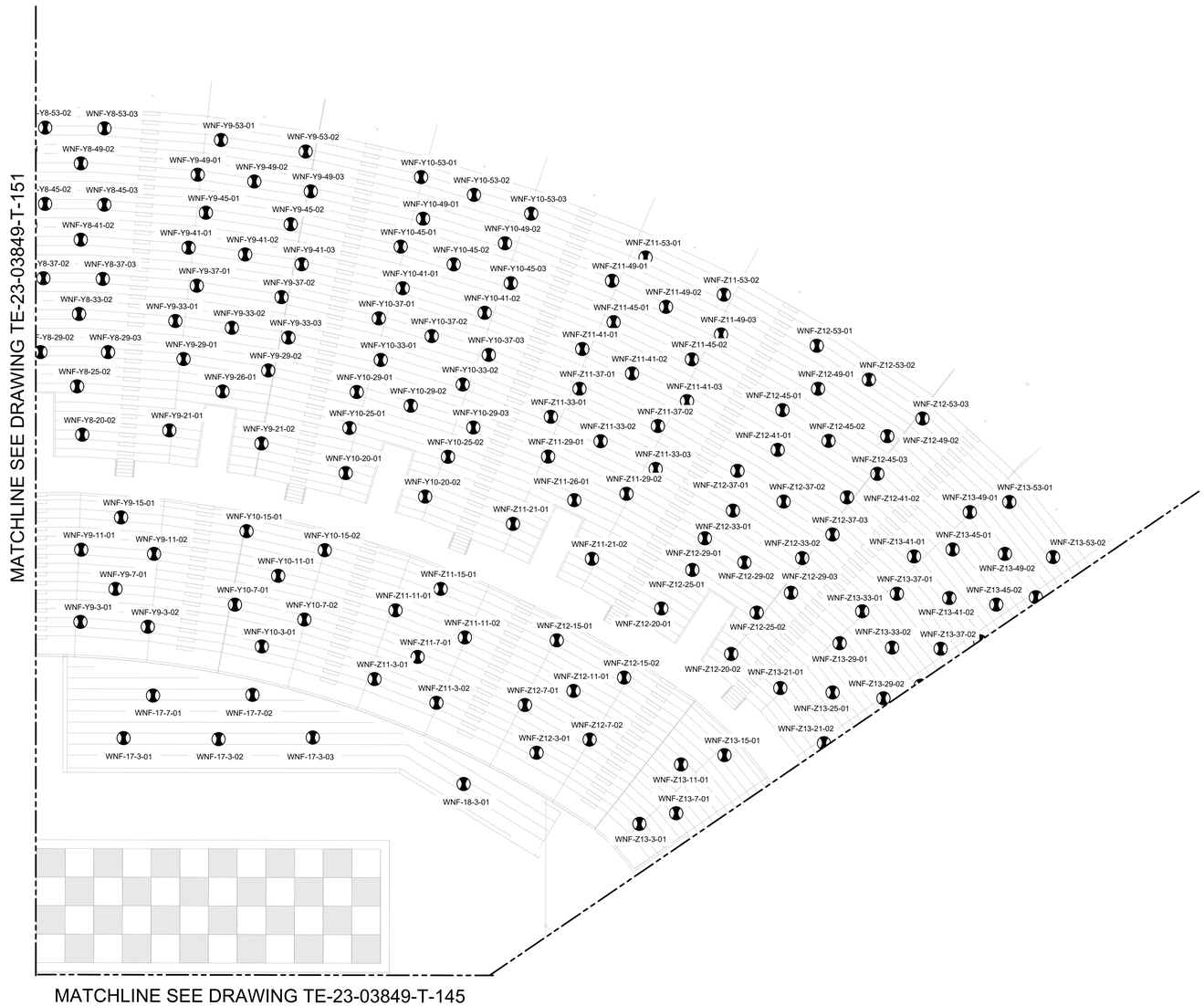
UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
LOWER & MIDDLE BOWL OVERALL PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-143 — REV. 2
APPROVAL: K. WRIGHT	



LOWER AND MIDDLE BOWL ENLARGED PLAN VIEW

Scale: 1/16"=1'-0"

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
2. REFERENCE DRAWING TE-23-03849-G-004 FOR ALL GENERAL NOTES.
3. REFERENCE DRAWING TE-23-03849-T-200 THROUGH TE-23-03849-T-241 FOR ALL ACCESS POINT AND ANTENNA INFORMATION. (MODEL #, TYPE, DOWNTILT, MOUNTING DETAIL, ETC.)

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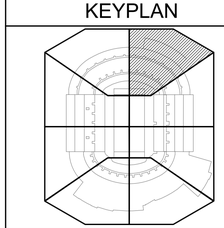
ACCESS POINT LABEL NOMENCLATURE

WNF-XX-XX-00

WIFI NEYLAND FIELD
SECTION
SEQUENCE
SEATING

KEYPLAN



LEGEND

- DIRECTIONAL ACCESS POINT / ANTENNA
- OMNI ACCESS POINT / ANTENNA
- TM — MONITOR FOR MENU BOARD OUTLET - NUMBER CAT 6A CABLES
- POS — POINTOF SALE OUTLET - NUMBER CAT 6A CABLES

EQUIPMENT MANUFACTURER	CLIENT
aruba a Hewlett Packard Enterprise company	THE UNIVERSITY OF TENNESSEE KNOXVILLE

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A	03/31/23	ISSUED FOR APPROVAL	LTT	BML	KMW

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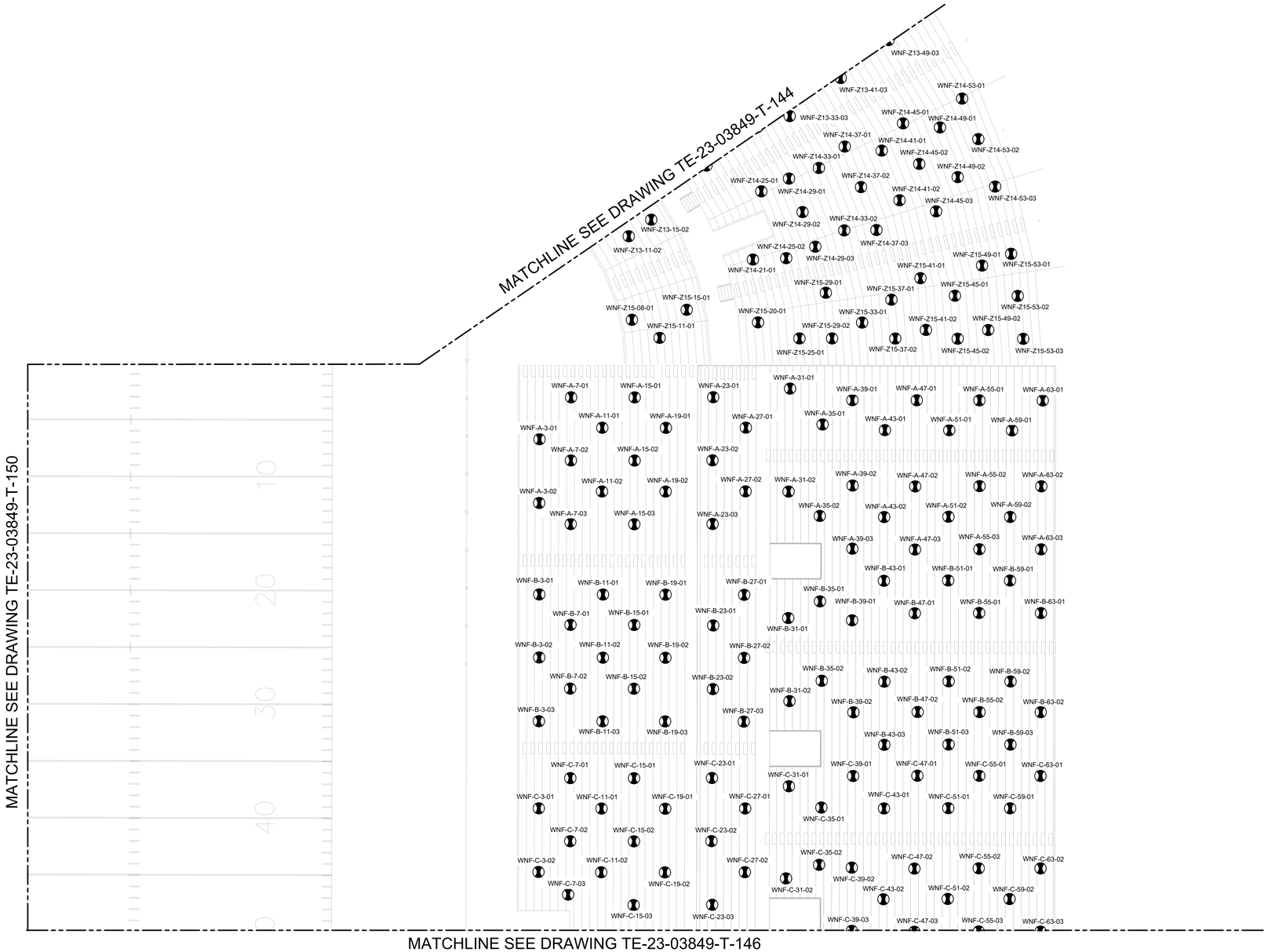
UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
LOWER AND MIDDLE BOWL ENLARGED PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-144 — REV. 2
APPROVAL: K. WRIGHT	



LOWER AND MIDDLE BOWL ENLARGED PLAN VIEW

Scale: 1/16"=1'-0"

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

NOTES:

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3. REFERENCE DRAWING TE-23-03849-T-200 THROUGH TE-23-03849-T-241 FOR ALL ACCESS POINT AND ANTENNA INFORMATION. (MODEL #, TYPE, DOWNTILT, MOUNTING DETAIL, ETC.)

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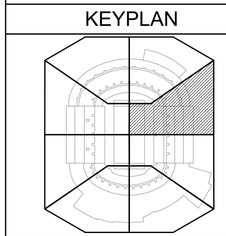
ACCESS POINT LABEL NOMENCLATURE

WNF-XX-XX-00

WIFI NEYLAND FIELD
SECTION
SEQUENCE
SEATING

KEYPLAN



LEGEND

- DIRECTIONAL ACCESS POINT / ANTENNA
- OMNI ACCESS POINT / ANTENNA
- TM — MONITOR FOR MENU BOARD OUTLET - NUMBER CAT 6A CABLES
- POS — POINTOF SALE OUTLET - NUMBER CAT 6A CABLES

EQUIPMENT MANUFACTURER

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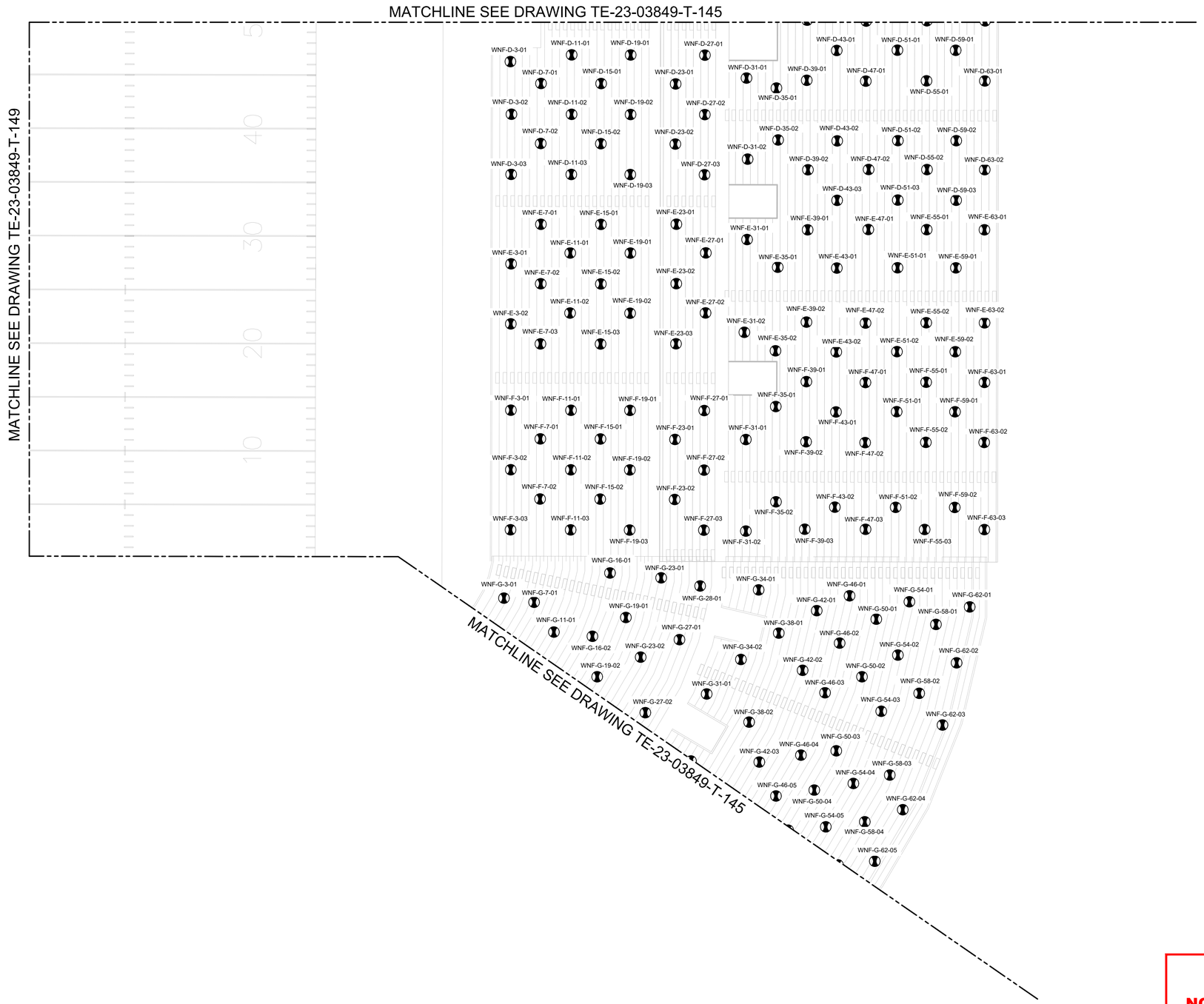
UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
LOWER AND MIDDLE BOWL ENLARGED PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-145 — REV. 2
APPROVAL: K. WRIGHT	



LOWER AND MIDDLE BOWL ENLARGED PLAN VIEW

Scale: 1/16"=1'-0"

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
2. REFERENCE DRAWING TE-23-03849-G-004 FOR ALL GENERAL NOTES.
3. REFERENCE DRAWING TE-23-03849-T-200 THROUGH TE-23-03849-T-241 FOR ALL ACCESS POINT AND ANTENNA INFORMATION. (MODEL #, TYPE, DOWNTILT, MOUNTING DETAIL, ETC.)

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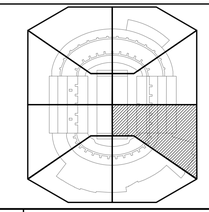
ACCESS POINT LABEL NOMENCLATURE

WNF-XX-XX-00

- WIFI NEYLAND FIELD
- SECTION
- SEQUENCE
- SEATING

KEYPLAN



LEGEND

- DIRECTIONAL ACCESS POINT / ANTENNA
- OMNI ACCESS POINT / ANTENNA
- TM — MONITOR FOR MENU BOARD OUTLET - NUMBER CAT 6A CABLES
- POS — POINTOF SALE OUTLET - NUMBER CAT 6A CABLES

EQUIPMENT MANUFACTURER	CLIENT
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REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
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0	05/11/23	ISSUED FOR CONSTRUCTION	LTT	BML	KMW
A	03/31/23	ISSUED FOR APPROVAL	LTT	BML	KMW

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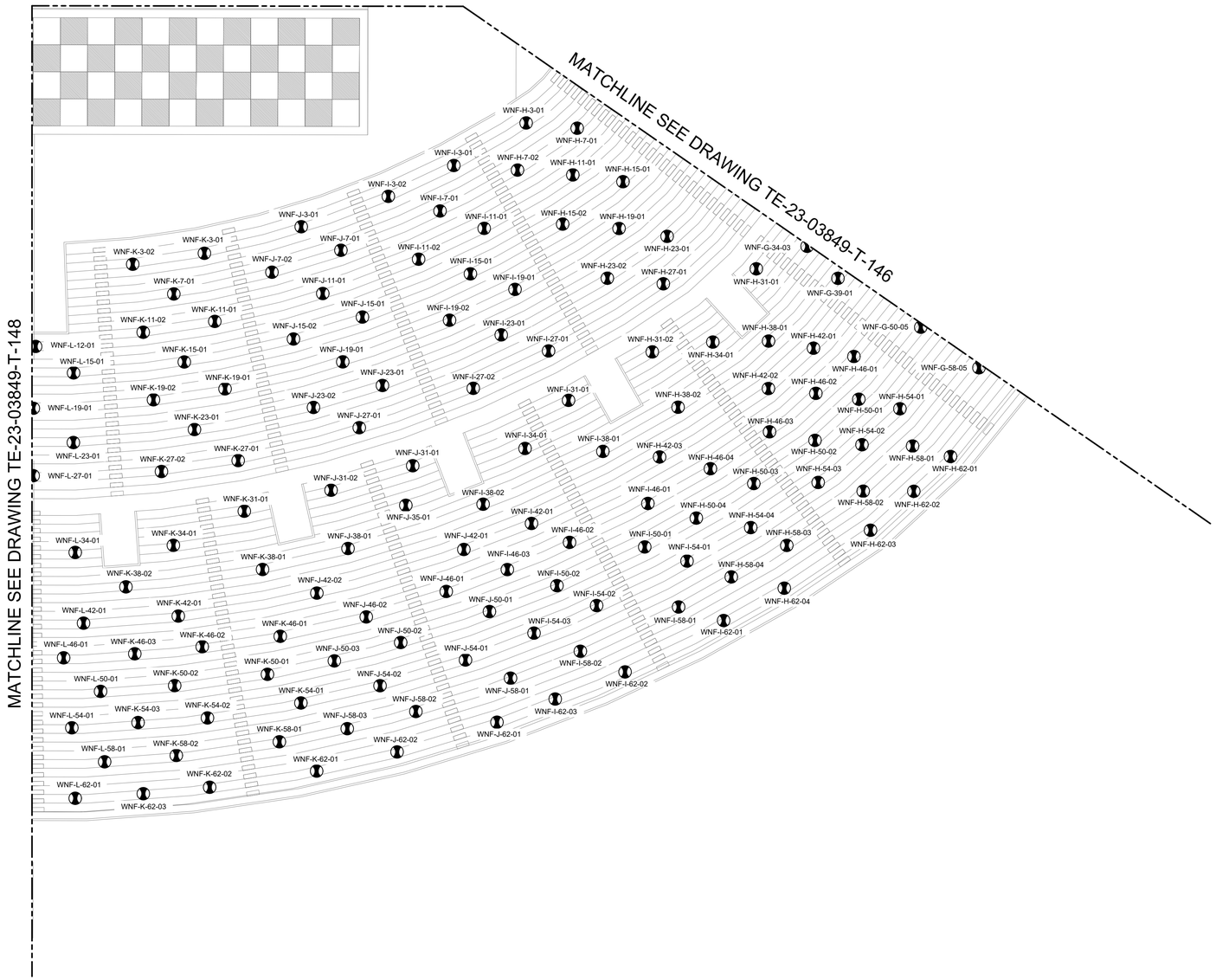
UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
LOWER AND MIDDLE BOWL ENLARGED PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-146 — REV. 2
APPROVAL: K. WRIGHT	



LOWER AND MIDDLE BOWL ENLARGED PLAN VIEW

Scale: 1/16"=1'-0"

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
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3. REFERENCE DRAWING TE-23-03849-T-200 THROUGH TE-23-03849-T-241 FOR ALL ACCESS POINT AND ANTENNA INFORMATION. (MODEL #, TYPE, DOWNTILT, MOUNTING DETAIL, ETC.)

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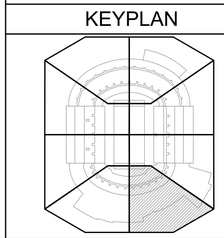
ACCESS POINT LABEL NOMENCLATURE

WNF-XX-XX-00

- WIFI NEYLAND FIELD
- SECTION
- SEQUENCE
- SEATING

KEYPLAN



LEGEND

- DIRECTIONAL ACCESS POINT / ANTENNA
- OMNI ACCESS POINT / ANTENNA
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- POS — POINTOF SALE OUTLET - NUMBER CAT 6A CABLES

EQUIPMENT MANUFACTURER

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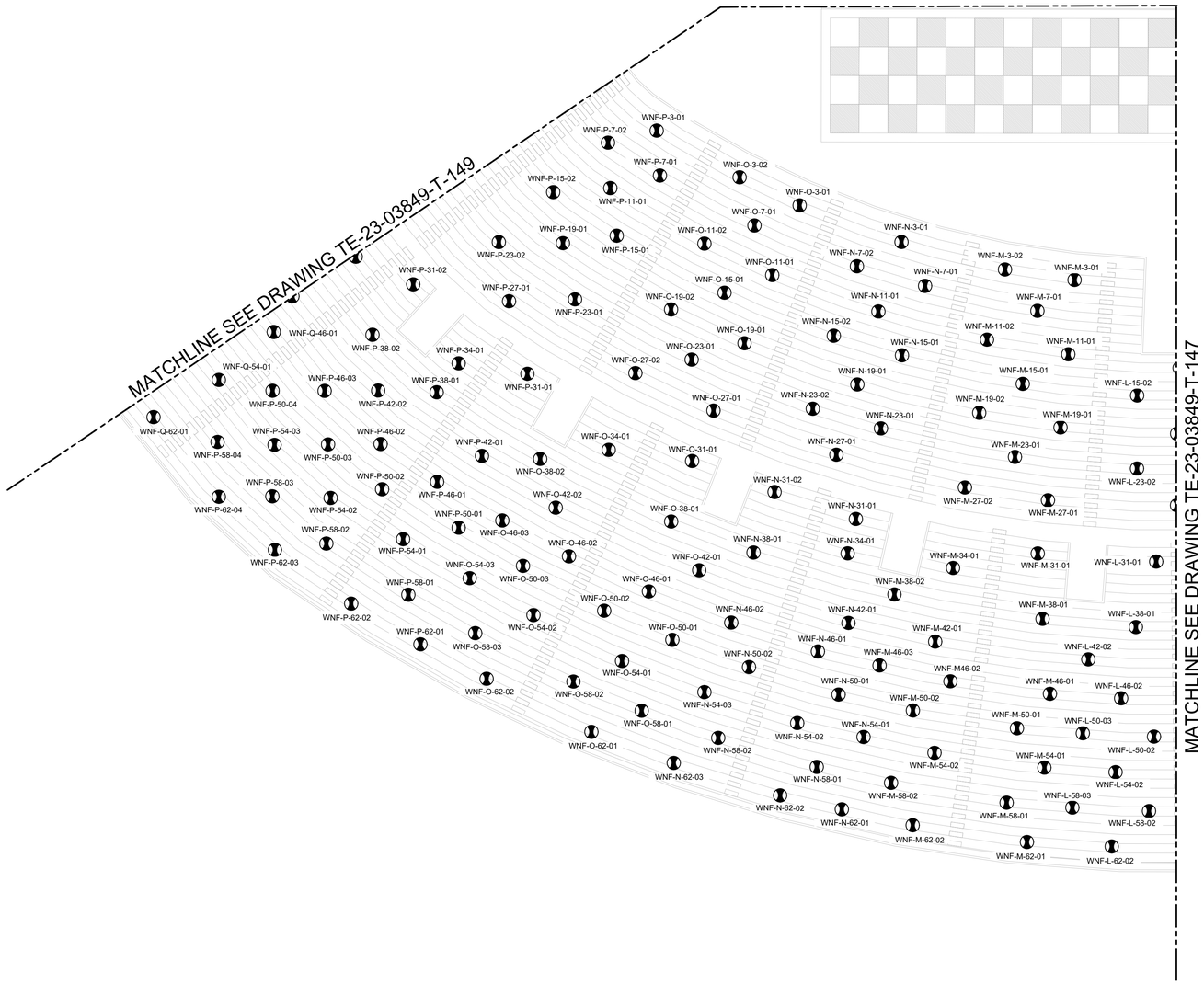
UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
LOWER AND MIDDLE BOWL ENLARGED PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-147 — REV. 2
APPROVAL: K. WRIGHT	



LOWER AND MIDDLE BOWL ENLARGED PLAN VIEW

Scale: 1/16"=1'-0"

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

NOTES:

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2. REFERENCE DRAWING TE-23-03849-G-004 FOR ALL GENERAL NOTES.
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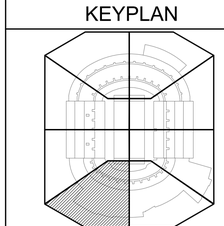
ACCESS POINT LABEL NOMENCLATURE

WNF-XX-XX-00

- WIFI NEYLAND FIELD
- SECTION
- SEATING
- SEQUENCE

KEYPLAN



LEGEND

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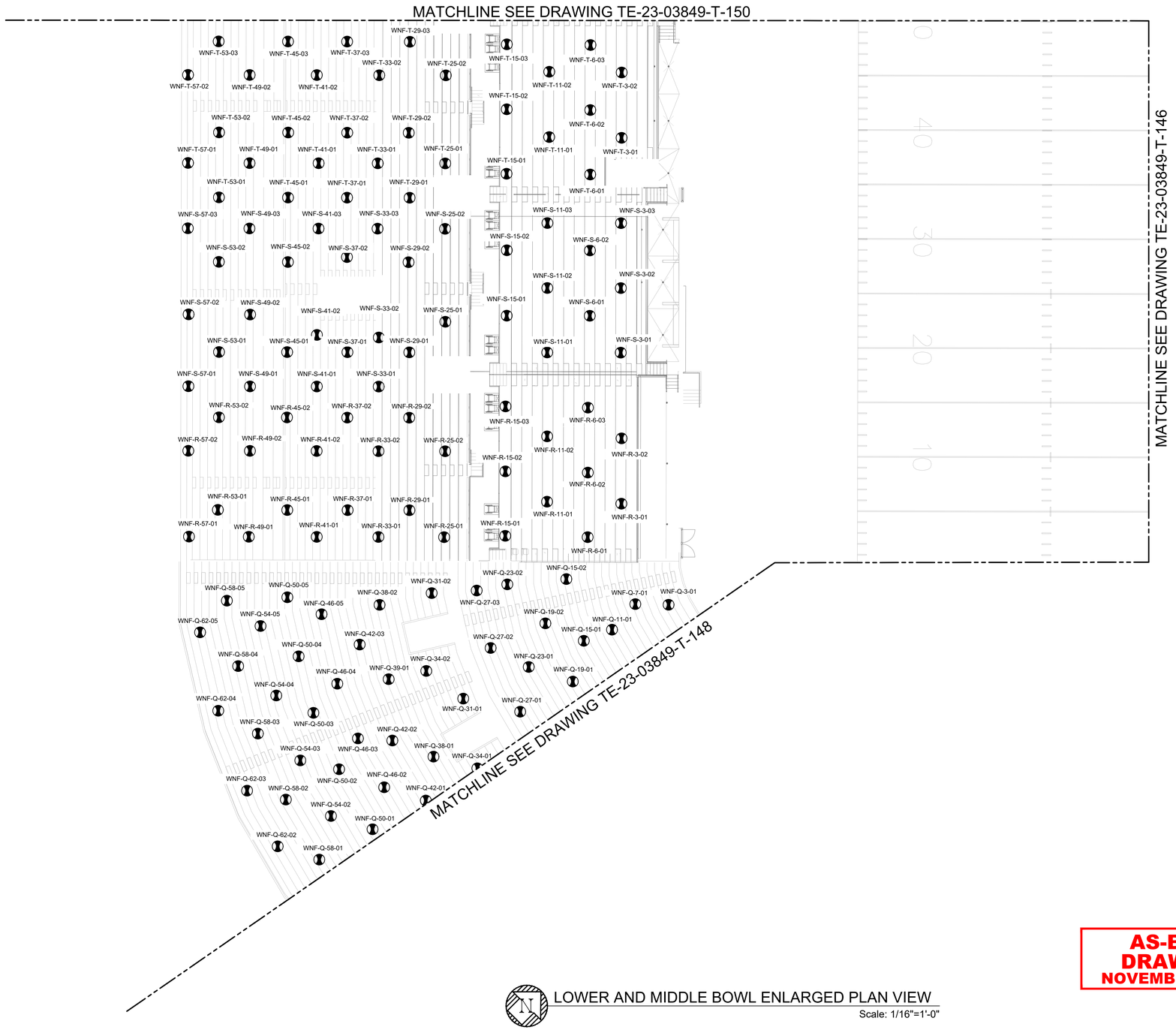
UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
LOWER AND MIDDLE BOWL ENLARGED PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-148 — REV. 2
APPROVAL: K. WRIGHT	



LOWER AND MIDDLE BOWL ENLARGED PLAN VIEW

Scale: 1/16"=1'-0"

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

NOTES:

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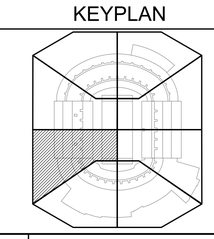
ACCESS POINT LABEL NOMENCLATURE

WNF-XX-XX-00

WIFI NEYLAND FIELD
SECTION
SEQUENCE
SEATING

KEYPLAN



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A	03/31/23	ISSUED FOR APPROVAL	LTT	BML	KMW

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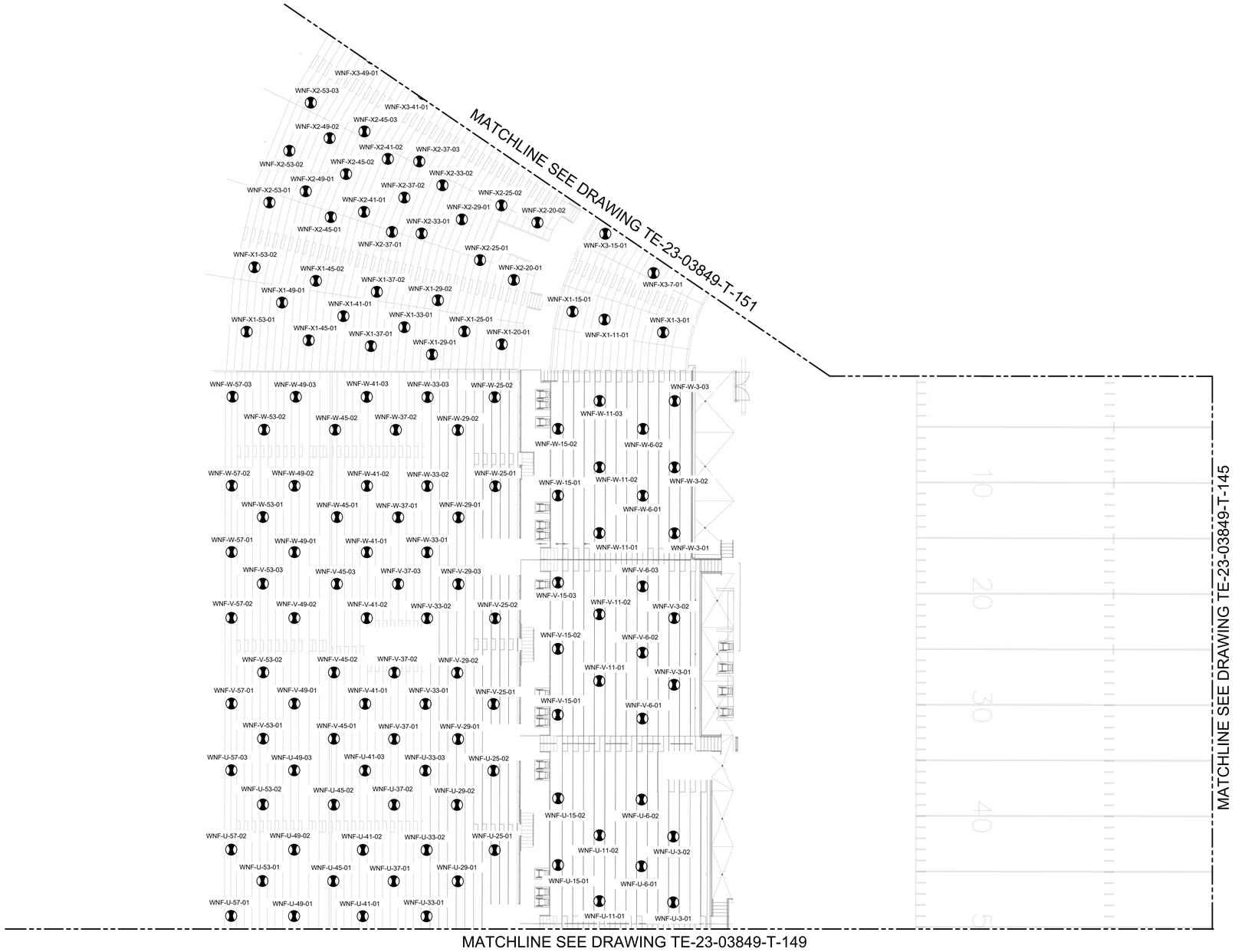
UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
LOWER AND MIDDLE BOWL ENLARGED PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-149 — REV. 2
APPROVAL: K. WRIGHT	



LOWER AND MIDDLE BOWL ENLARGED PLAN VIEW

Scale: 1/16"=1'-0"

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
2. REFERENCE DRAWING TE-23-03849-G-004 FOR ALL GENERAL NOTES.
3. REFERENCE DRAWING TE-23-03849-T-200 THROUGH TE-23-03849-T-241 FOR ALL ACCESS POINT AND ANTENNA INFORMATION. (MODEL #, TYPE, DOWNTILT, MOUNTING DETAIL, ETC.)

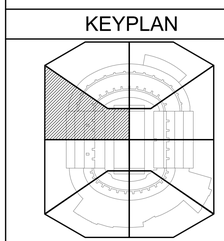
IN THE EVENT AP LOCATION PER DESIGN PACKAGE IS NOT ACCESSIBLE OR INSTALLATION IS NOT POSSIBLE DUE TO PHYSICAL OBSTRUCTION AND DEVIATION IS GREATER THAN 36", CONTRACTOR/OWNER SHALL NOTIFY ENGINEER PRIOR TO RELOCATING OUTSIDE OF THE ALLOWABLE INSTALLATION ALLOWANCE OF 36".

ACCESS POINT LABEL NOMENCLATURE

WNF-XX-XX-00

- WIFI NEYLAND FIELD
- SECTION
- SEQUENCE
- SEATING

KEYPLAN



LEGEND

- DIRECTIONAL ACCESS POINT / ANTENNA
- OMNI ACCESS POINT / ANTENNA
- TM — MONITOR FOR MENU BOARD OUTLET - NUMBER CAT 6A CABLES
- POS — POINTOF SALE OUTLET - NUMBER CAT 6A CABLES

EQUIPMENT MANUFACTURER

aruba
a Hewlett Packard Enterprise company

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REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
2	11/07/24	AS-BUILT	JPP	BML	KMW
1	07/09/24	AS-BUILT	JPP	BML	KMW
0	05/11/23	ISSUED FOR CONSTRUCTION	LTT	BML	KMW
A	03/31/23	ISSUED FOR APPROVAL	LTT	BML	KMW

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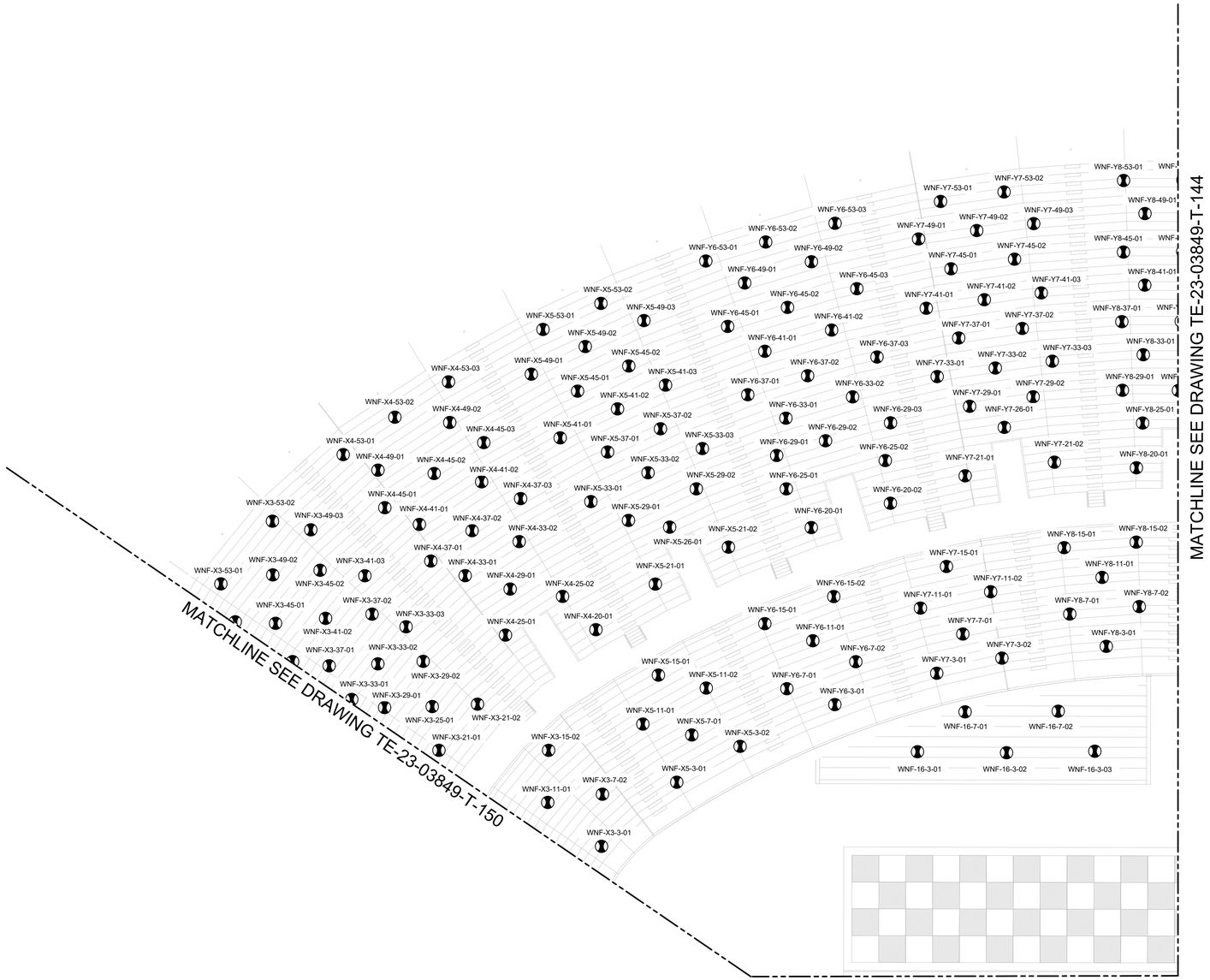
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
LOWER AND MIDDLE BOWL ENLARGED PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-150
APPROVAL: K. WRIGHT	REV. 2



LOWER AND MIDDLE BOWL ENLARGED PLAN VIEW

Scale: 1/16"=1'-0"

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

NOTES:

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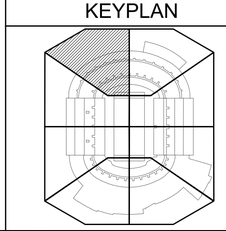
ACCESS POINT LABEL NOMENCLATURE

WNF-XX-XX-00

- WIFI NEYLAND FIELD
- SECTION
- SEQUENCE
- SEATING

KEYPLAN



LEGEND

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- POS — POINTOF SALE OUTLET - NUMBER CAT 6A CABLES

EQUIPMENT MANUFACTURER

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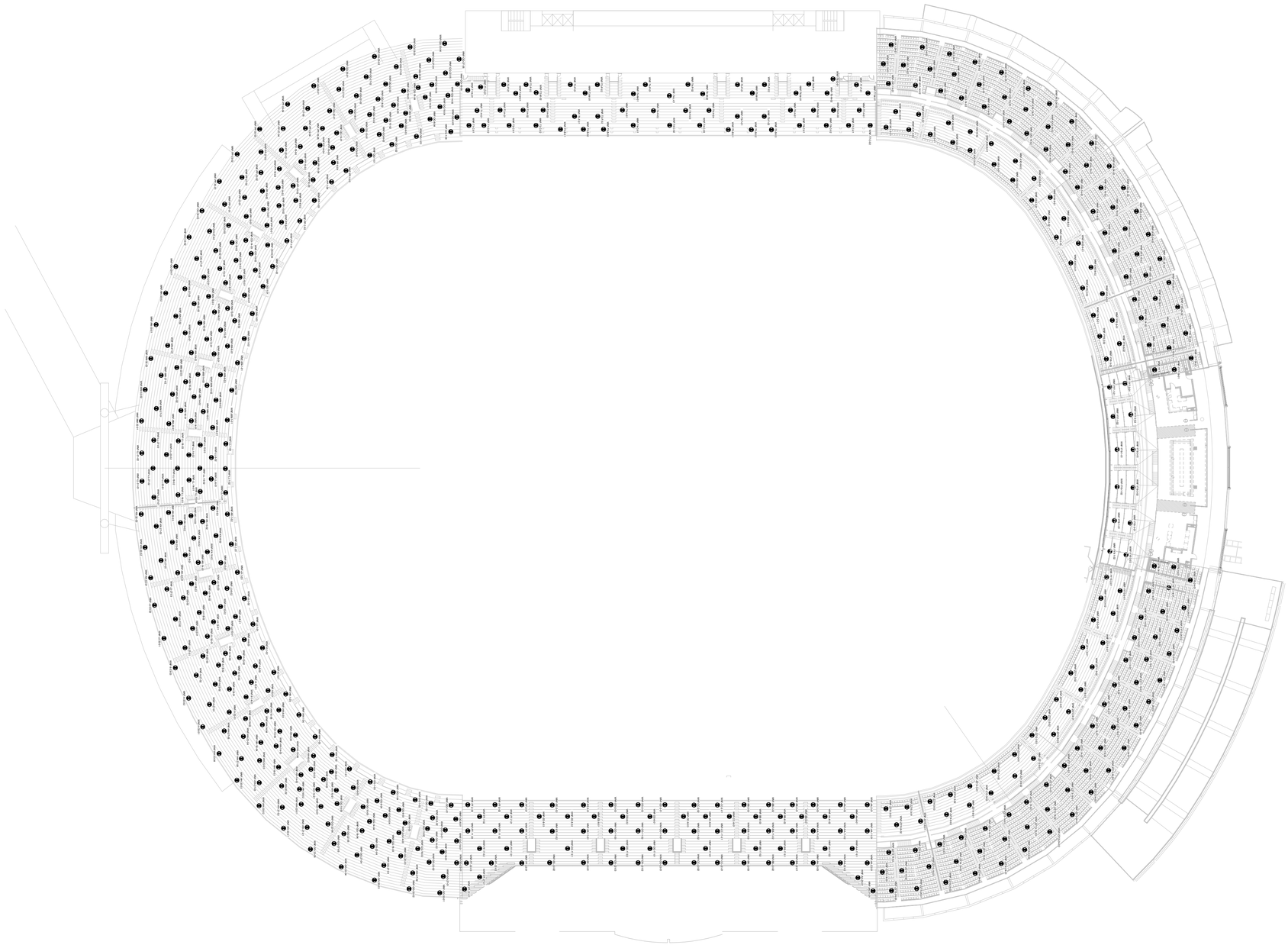
UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
LOWER AND MIDDLE BOWL ENLARGED PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-151
APPROVAL: K. WRIGHT	REV. 2



UPPER BOWL OVERALL PLAN VIEW

Scale: 3/128"=1'-0"

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
2. REFERENCE DRAWING TE-23-03849-G-004 FOR ALL GENERAL NOTES.
3. REFERENCE DRAWING TE-23-03849-T-200 THROUGH TE-23-03849-T-241 FOR ALL ACCESS POINT AND ANTENNA INFORMATION. (MODEL #, TYPE, DOWNTILT, MOUNTING DETAIL, ETC.)

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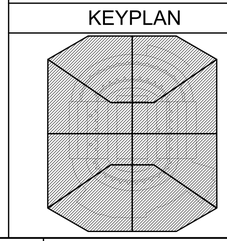
ACCESS POINT LABEL NOMENCLATURE

WNF-XX-XX-00

- WIFI NEYLAND FIELD
- SECTION
- SEQUENCE
- SEATING

KEYPLAN



LEGEND

- DIRECTIONAL ACCESS POINT / ANTENNA
- OMNI ACCESS POINT / ANTENNA
- TM — MONITOR FOR MENU BOARD OUTLET - NUMBER CAT 6A CABLES
- POS — POINTOF SALE OUTLET - NUMBER CAT 6A CABLES

EQUIPMENT MANUFACTURER

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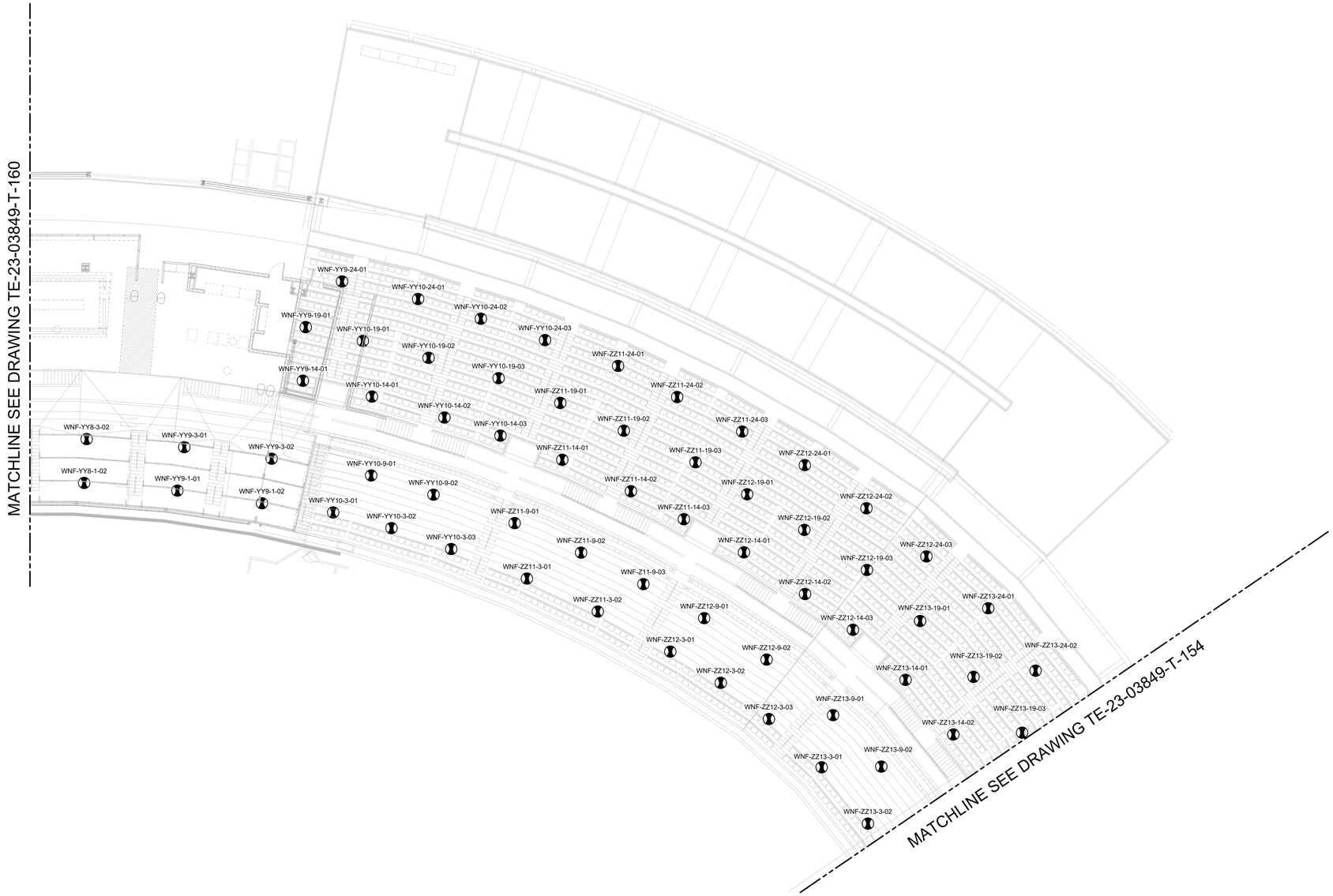
UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
UPPER BOWL OVERALL PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-152 — REV. 2
APPROVAL: K. WRIGHT	



UPPER BOWL ENLARGED PLAN VIEW

Scale: 1/16"=1'-0"

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
2. REFERENCE DRAWING TE-23-03849-G-004 FOR ALL GENERAL NOTES.
3. REFERENCE DRAWING TE-23-03849-T-200 THROUGH TE-23-03849-T-241 FOR ALL ACCESS POINT AND ANTENNA INFORMATION. (MODEL #, TYPE, DOWNTILT, MOUNTING DETAIL, ETC.)

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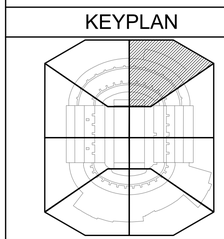
ACCESS POINT LABEL NOMENCLATURE

WNF-XX-XX-00

- WIFI NEYLAND FIELD
- SECTION
- SEQUENCE
- SEATING

KEYPLAN



LEGEND

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- POS — POINTOF SALE OUTLET - NUMBER CAT 6A CABLES

EQUIPMENT MANUFACTURER

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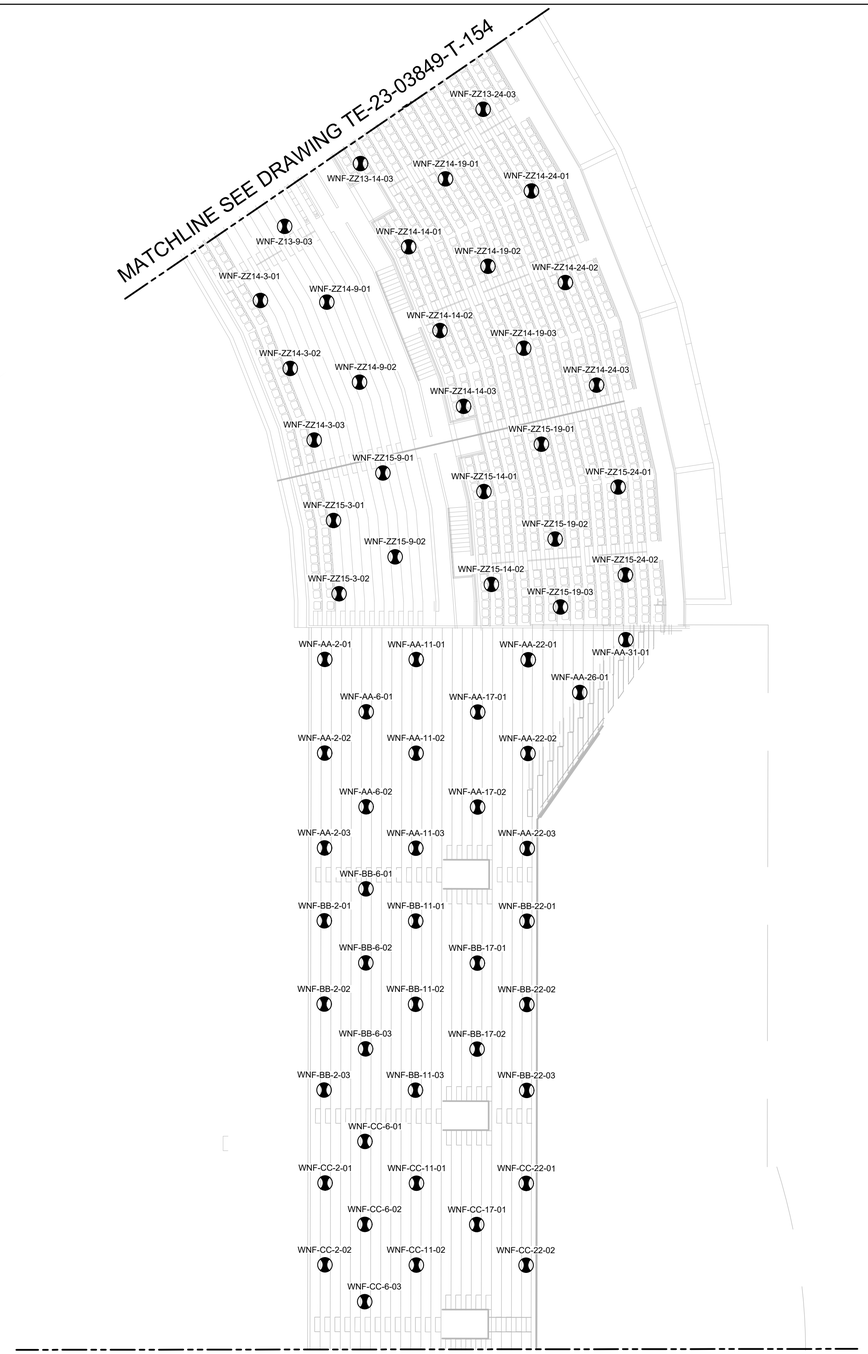
UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
UPPER BOWL ENLARGED PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-153
APPROVAL: K. WRIGHT	REV. 2



MATCHLINE SEE DRAWING TE-23-03849-T-155

N

UPPER BOWL ENLARGED PLAN VIEW

Scale: 1/16"=1'-0"

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
2. REFERENCE DRAWING TE-23-03849-G-004 FOR ALL GENERAL NOTES.
3. REFERENCE DRAWING TE-23-03849-T-200 THROUGH TE-23-03849-T-241 FOR ALL ACCESS POINT AND ANTENNA INFORMATION. (MODEL #, TYPE, DOWNTILT, MOUNTING DETAIL, ETC.)

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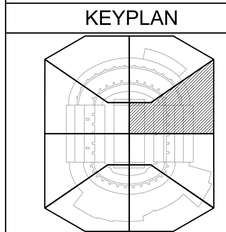
ACCESS POINT LABEL NOMENCLATURE

WNF-XX-XX-00

WIFI NEYLAND FIELD
SECTION
SEQUENCE
SEATING

KEYPLAN



LEGEND

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EQUIPMENT MANUFACTURER

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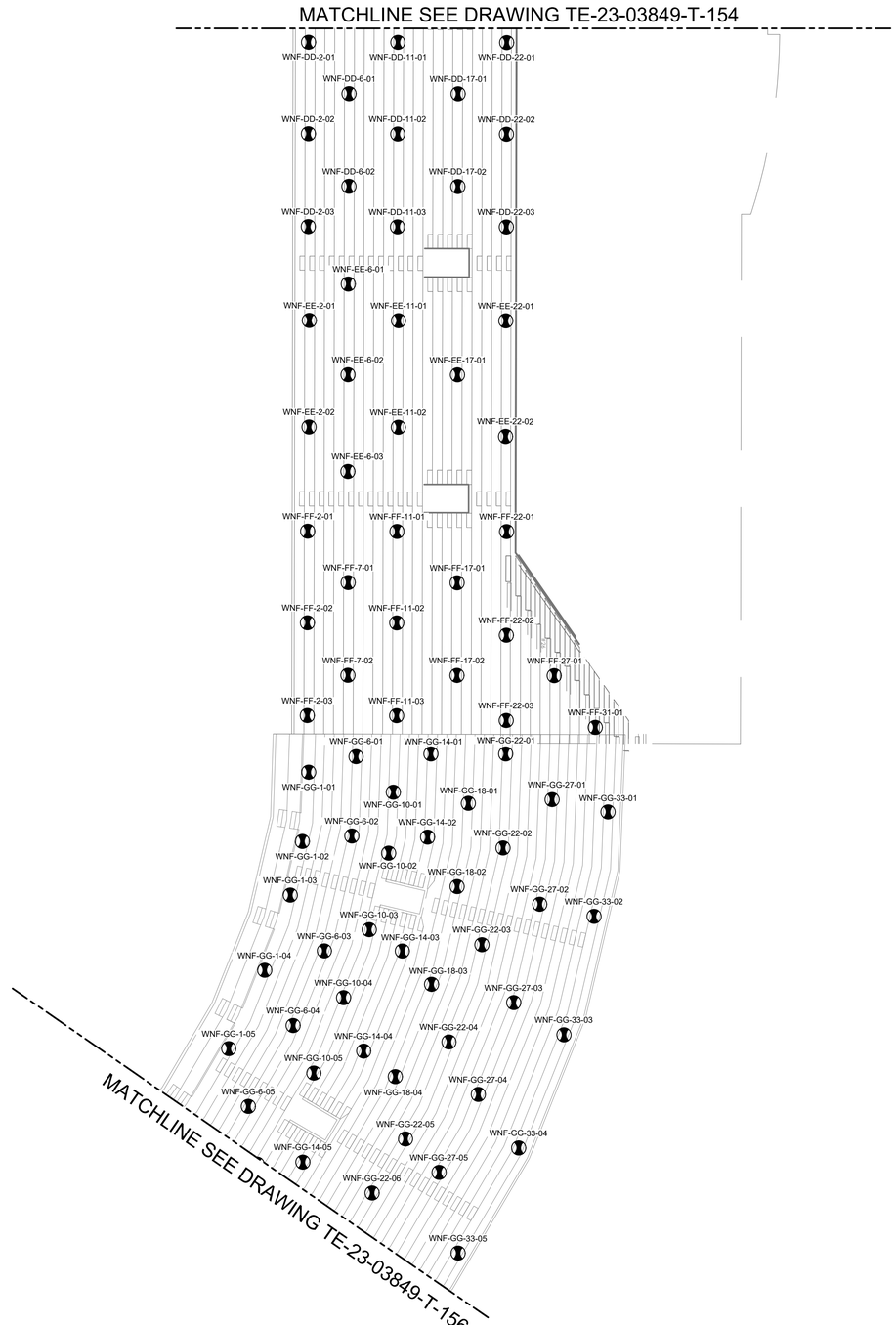
UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
UPPER BOWL ENLARGED PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-154 — REV. 2
APPROVAL: K. WRIGHT	



UPPER BOWL ENLARGED PLAN VIEW

Scale: 1/16"=1'-0"

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

NOTES:

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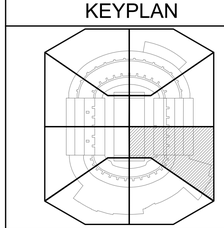
ACCESS POINT LABEL NOMENCLATURE

WNF-XX-XX-00

- WIFI NEYLAND FIELD
- SECTION
- SEATING
- SEQUENCE

KEYPLAN



LEGEND

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EQUIPMENT MANUFACTURER

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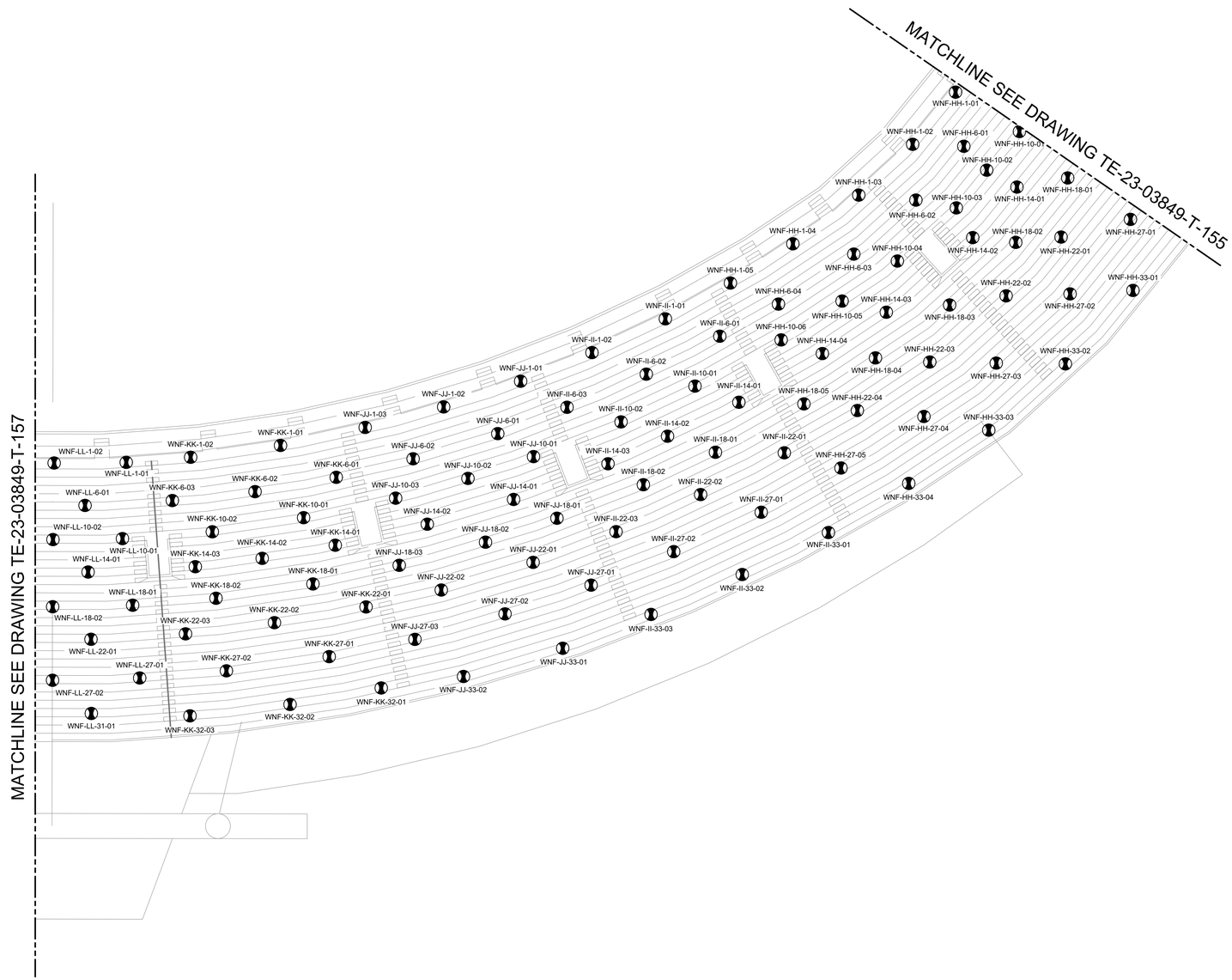
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
UPPER BOWL ENLARGED PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-155
APPROVAL: K. WRIGHT	REV. 2



UPPER BOWL ENLARGED PLAN VIEW

Scale: 1/16"=1'-0"

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

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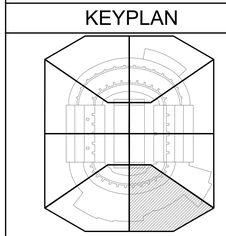
ACCESS POINT LABEL NOMENCLATURE

WNF-XX-XX-00

- WIFI NEYLAND FIELD
- SECTION
- SEQUENCE
- SEATING

KEYPLAN



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EQUIPMENT MANUFACTURER

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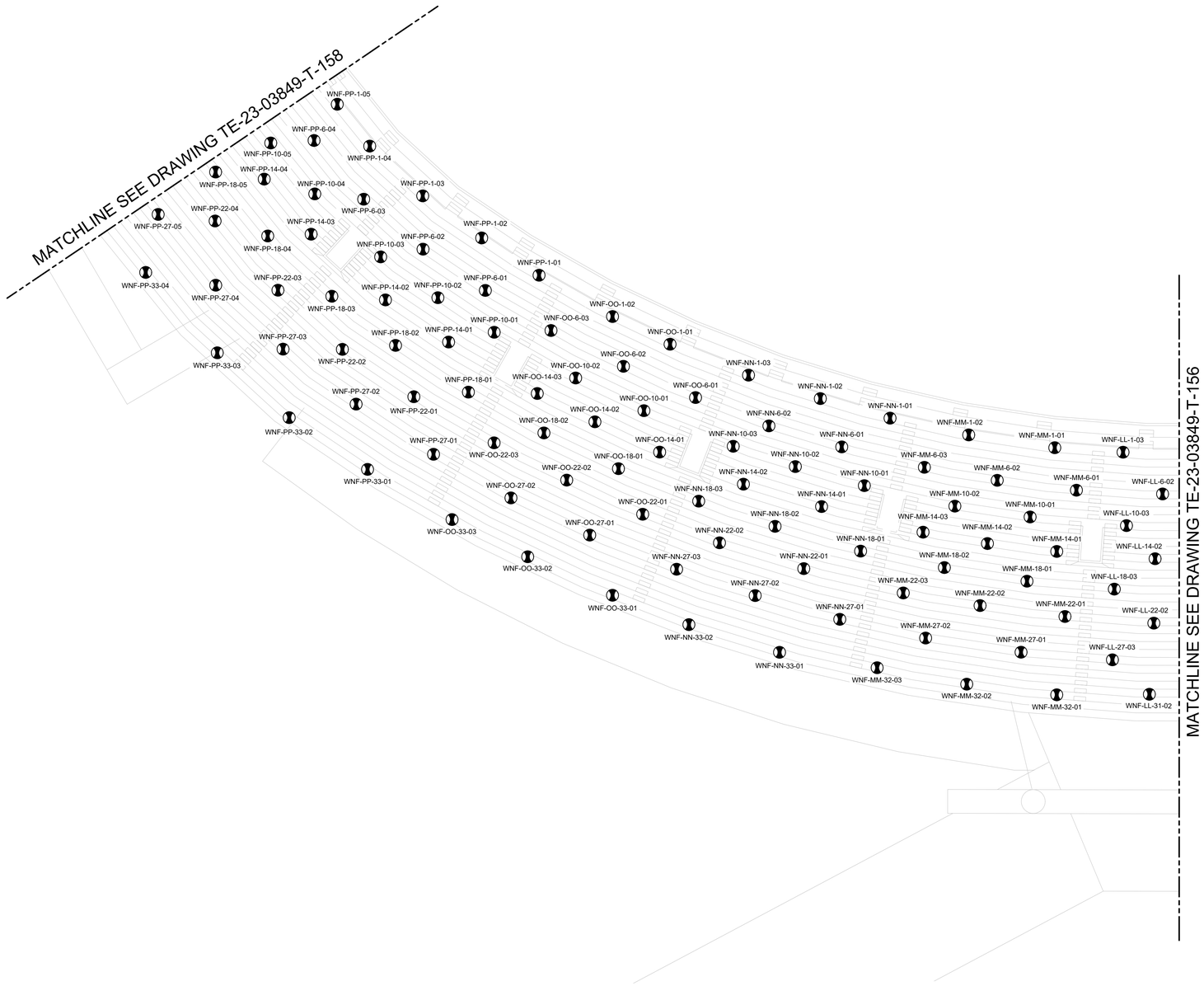
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
UPPER BOWL ENLARGED PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-156 — REV. 2
APPROVAL: K. WRIGHT	



UPPER BOWL ENLARGED PLAN VIEW

Scale: 1/16"=1'-0"

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
2. REFERENCE DRAWING TE-23-03849-G-004 FOR ALL GENERAL NOTES.
3. REFERENCE DRAWING TE-23-03849-T-200 THROUGH TE-23-03849-T-241 FOR ALL ACCESS POINT AND ANTENNA INFORMATION. (MODEL #, TYPE, DOWNTILT, MOUNTING DETAIL, ETC.)

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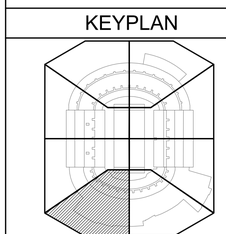
ACCESS POINT LABEL NOMENCLATURE

WNF-XX-XX-00

- WIFI NEYLAND FIELD
- SECTION
- SEATING
- SEQUENCE

KEYPLAN



LEGEND

- DIRECTIONAL ACCESS POINT / ANTENNA
- OMNI ACCESS POINT / ANTENNA
- TM — MONITOR FOR MENU BOARD OUTLET - NUMBER CAT 6A CABLES
- POS — POINTOF SALE OUTLET - NUMBER CAT 6A CABLES

EQUIPMENT MANUFACTURER

aruba
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REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
2	11/07/24	AS-BUILT	JPP	BML	KMW
1	07/09/24	AS-BUILT	JPP	BML	KMW
0	05/11/23	ISSUED FOR CONSTRUCTION	LTT	BML	KMW
A	03/31/23	ISSUED FOR APPROVAL	LTT	BML	KMW

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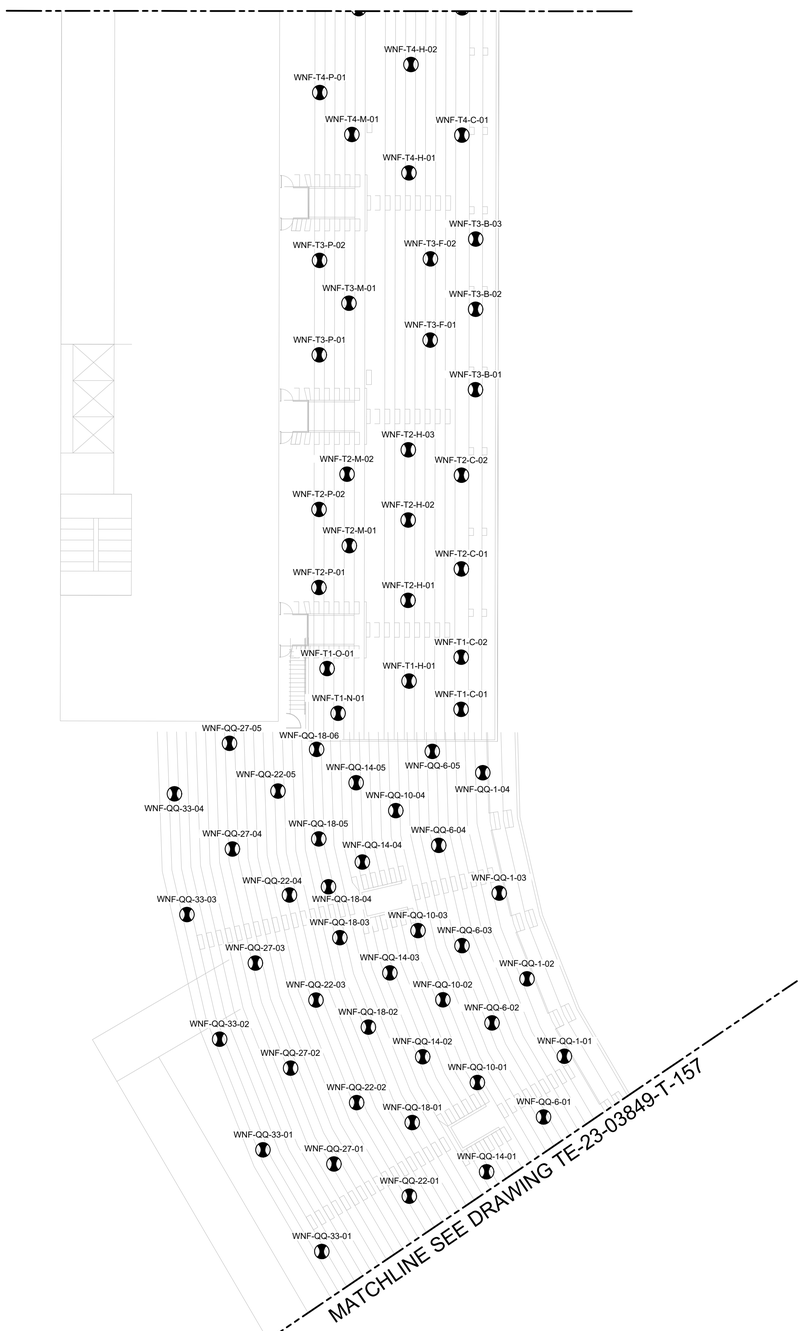
UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
UPPER BOWL ENLARGED PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-157
APPROVAL: K. WRIGHT	REV. 2

MATCHLINE SEE DRAWING TE-23-03849-T-159



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ACCESS POINT LABEL NOMENCLATURE

WNF-XX-XX-00

- WIFI NEYLAND FIELD
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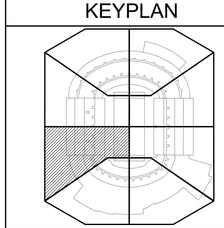
KEYPLAN



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AS-BUILT DRAWINGS
NOVEMBER 7, 2024

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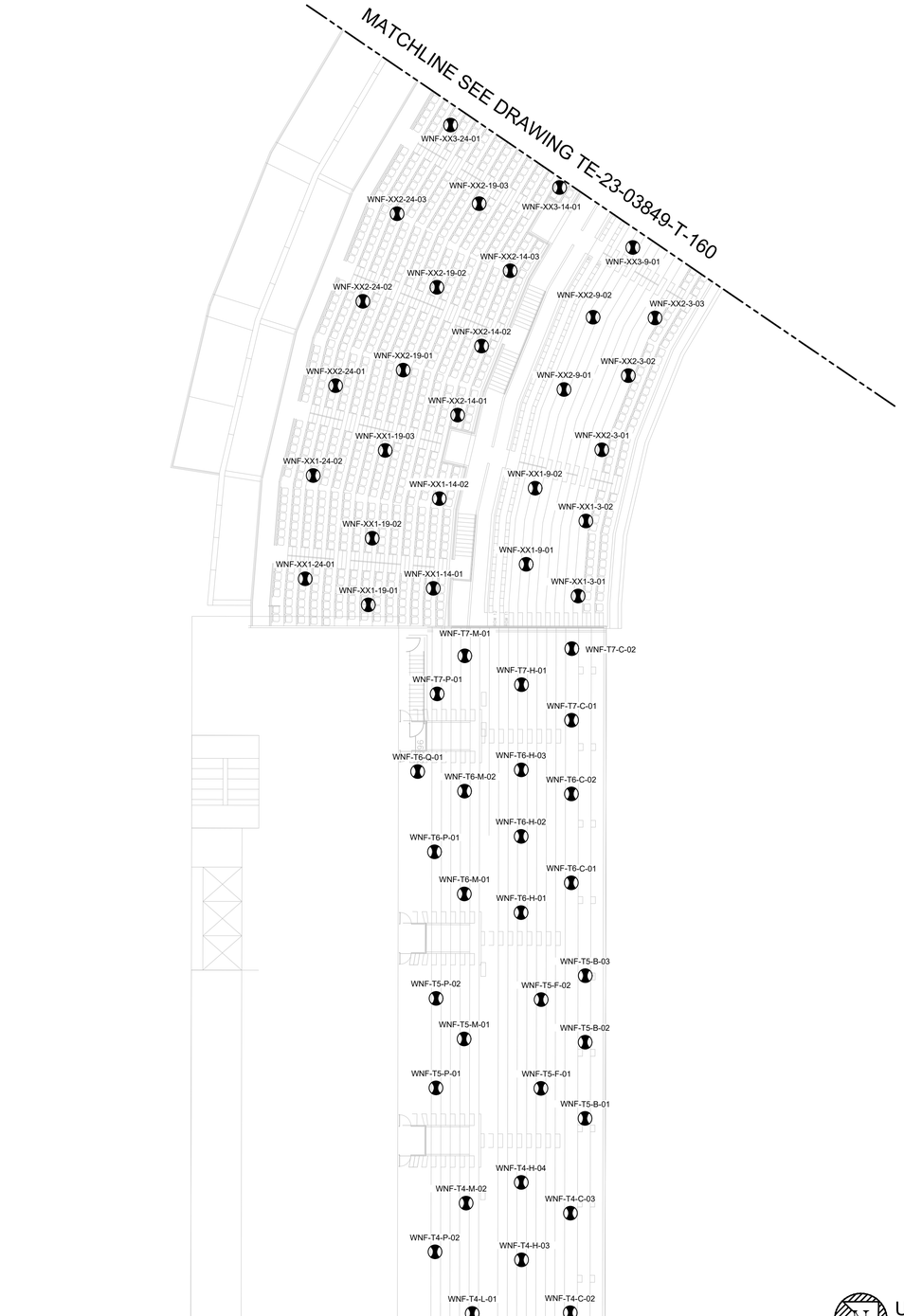
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
UPPER BOWL ENLARGED PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-158 — REV. 2
APPROVAL: K. WRIGHT	



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NOVEMBER 7, 2024

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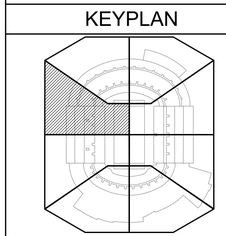

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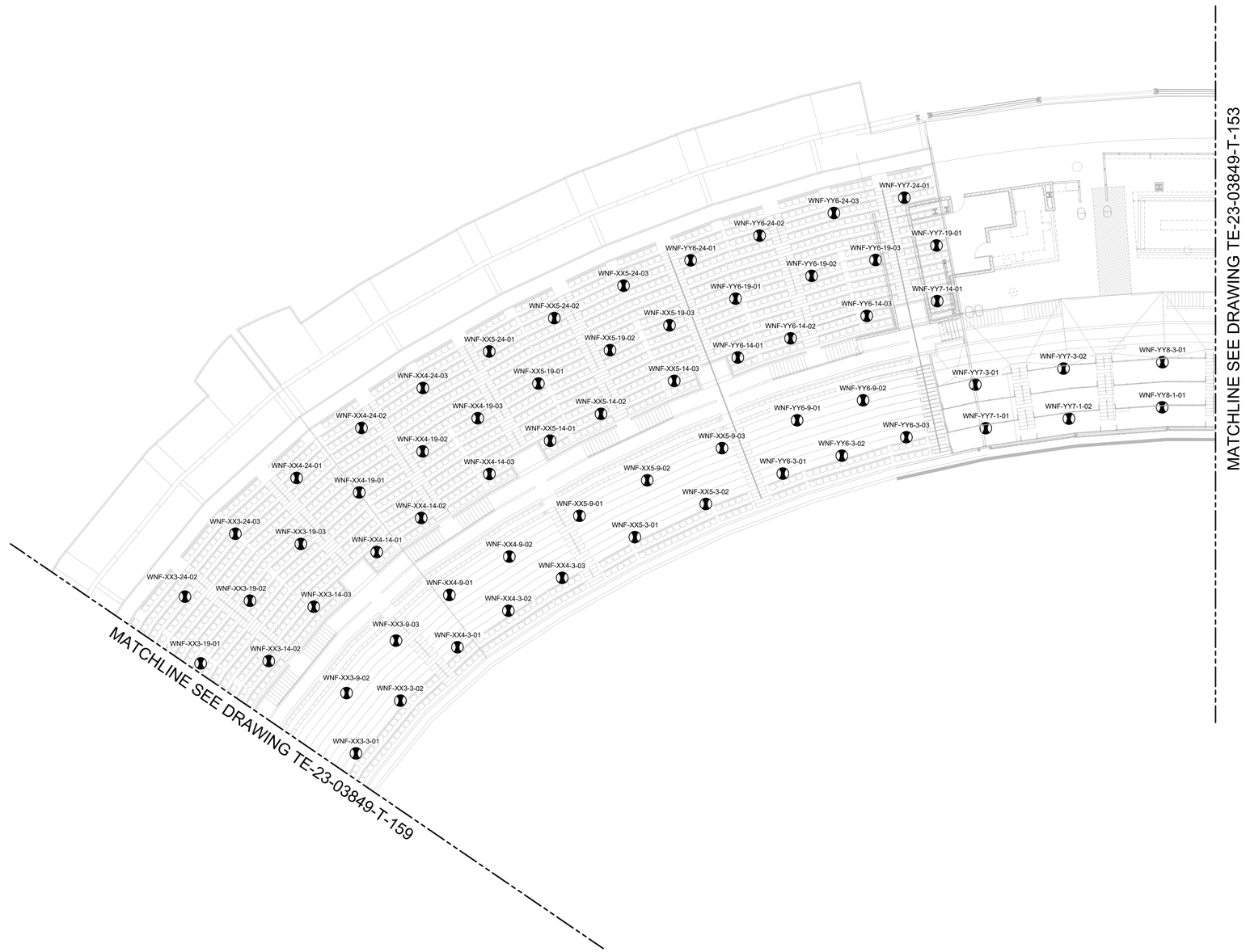
PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-159 — REV. 2
APPROVAL: K. WRIGHT	



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NOVEMBER 7, 2024

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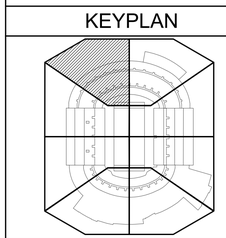

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NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
UPPER BOWL ENLARGED PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-160 — REV. 2
APPROVAL: K. WRIGHT	

No.	AP Name	AP Model	AP Type	AP Bracket	Antenna Model	Antenna Downtilt	Elevation	Installation Detail	SER	Cable Label	SN	Switch/Port	MAC	Stealthing
1	WNF-HLKR-01	AP-635	OMNI	AP-MNT-B	---	---	CEILING	A1	NF-NE000	ONF-NE000-49	PHQDKYJBCM	2/0/1	8c7909cec1d6	---
2	WNF-HLKR-02	AP-635	OMNI	AP-MNT-B	---	---	CEILING	A1	NF-NE000	ONF-NE000-51	PHQDKYJBCV	2/0/5	8c7909cecb1e	---
3	WNF-HLKR-03	AP-635	OMNI	AP-MNT-B	---	---	CEILING	A1	NF-NE000	ONF-NE000-53	PHQDKYJBC5	2/0/9	8c7909cecfc5	---
4	WNF-HLKR-04	AP-635	OMNI	AP-MNT-B	---	---	CEILING	A1	NF-NE000	ONF-NE000-55	PHQDKYJBBV	2/0/13	8c7909ce9803	---
5	WNF-HLKR-05	AP-635	OMNI	AP-MNT-D	---	---	CEILING	A3	NF-NE000	ONF-NE000-57	PHQDKYJBC2	2/0/17	8c7909ce9a7c	---
6	WNF-HLKR-06	AP-635	OMNI	AP-MNT-D	---	---	CEILING	A3	NF-NE000	ONF-NE000-59	PHQDKYJBCK	2/0/21	8c7909ce9fdd	---
7	WNF-HLKR-07	AP-635	OMNI	AP-MNT-D	---	---	CEILING	A3	NF-NE000	ONF-NE000-61	PHQDKYJBBR	2/0/25	8c7909ceca43	---
8	WNF-HLKR-08	AP-635	OMNI	AP-MNT-D	---	---	CEILING	A3	NF-NE000	ONF-NE000-63	PHQDKYJBC6	2/0/29	8c7909cec30e	---
9	WNF-HLKR-09	AP-635	OMNI	AP-MNT-B	---	---	CEILING	A1	NF-NE000	ONF-NE000-65	PHQDKYJH3H	2/0/33	8c7909cef3bf	---
10	WNF-HLKR-10	AP-635	OMNI	AP-MNT-B	---	---	CEILING	A1	NF-NE000	ONF-NE000-67	PHQDKYJHDG	2/0/37	8c7909cef068	---
11	WNF-WKC-01	AP-635	OMNI	AP-MNT-B	---	---	CEILING	A3	NF-NE000	ONF-NE000-69	PHQDKYJHHR	2/0/41	8c7909cee41a	---
12	WNF-WKC-02	AP-635	OMNI	AP-MNT-B	---	---	CEILING	A3	NF-NE000	ONF-NE000-72	PHQDKYJGX9	2/0/47	8c7909cf08a4	---
13	WNF-WKC-03	AP-635	OMNI	AP-MNT-B	---	---	CEILING	A3	NF-NE000	ONF-NE000-73	PHQDKYJBG3	2/0/2	8c7909cedc40	---
14	WNF-WKC-04	AP-635	OMNI	AP-MNT-B	---	---	CEILING	A3	NF-NE000	ONF-NE000-75	PHQDKYJHL2	2/0/6	8c7909cefe93	---
15	WNF-WKC-05	AP-635	OMNI	AP-MNT-B	---	---	CEILING	A1	NF-NE000	ONF-NE000-77	PHQDKYJHLP	2/0/10	8c7909cee7b9	---
16	WNF-PRS0-01	AP-635	OMNI	AP-MNT-B	---	---	CEILING	A1	NF-NE000	ONF-NE000-79	PHQDKYJH5Y	2/0/14	8c7909cef1b8	---
17	WNF-PRS0-02	AP-635	OMNI	AP-MNT-B	---	---	CEILING	A1	NF-NE000	ONF-NE000-82	PHQDKYJBD6	2/0/20	8c7909ce9bdb	---
18	WNF-PRS0-03	AP-635	OMNI	AP-MNT-B	---	---	CEILING	A1	NF-NE000	ONF-NE000-83	PHQDKYJBD1	2/0/22	8c7909cec2ab	---
19	WNF-PRS0-04	AP-635	OMNI	AP-MNT-B	---	---	CEILING	A1	NF-NE000	ONF-NE000-85	PHQDKYJB8P	2/0/26	8c7909cec053	---
20	WNF-CON0-01	AP-515	OMNI	AP-MNT-D	---	---	8'	A2	NF-NE000	ONF-NE000-45	PHQ7KD5M9Z	1/0/42	749e75c61228	BLACK COVER
21	WNF-CON0-02	AP-515	OMNI	AP-MNT-D	---	---	8'	A2	NF-NE000	ONF-NE000-42	PHQ7KD5M98	1/0/36	749e75c60ad2	BLACK COVER
22	WNF-CON0-03	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	40°	12'	B2	NF-EA000	ONF-EA000-123	CNPMKV41ZW	3/0/6	482f6bc1570e	---
23	WNF-CON0-04	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	14'	B3	NF-EA000	ONF-EA000-135	CNN3KV411W	3/0/34	cc88c7cf7fec	---
24	WNF-CON0-05	AP-575	OMNI	AP-270-MNT-H2	---	---	14.5'	B8	NF-EA000	ONF-EA000-124	CNPRKV30S5	3/0/8	6cc49fcfdb54	---
25	WNF-CON0-06	AP-575	OMNI	AP-270-MNT-H2	---	---	14.5'	B8	NF-EA000	ONF-EA000-125	CNPRKV3078	3/0/10	6cc49fcfdb7c	---
26	WNF-CON0-07	AP-635	OMNI	AP-MNT-B	---	---	CEILING	A1	NF-EA000	ONF-EA000-126	PHQDKYJBB3	3/0/12	8c7909cebd6b	---
27	WNF-CON0-08	AP-635	OMNI	AP-MNT-B	---	---	CEILING	A1	NF-EA000	ONF-EA000-127	PHQDKYJBD5	3/0/14	8c7909cec3ad	---
28	WNF-CON0-09	AP-575	OMNI	AP-270-MNT-H2	---	---	14.5'	B8	NF-EA000	ONF-EA000-128	CNPRKV307C	3/0/16	6cc49fcfd4fa	---
29	WNF-CON0-10	AP-575	OMNI	AP-270-MNT-H2	---	---	14.5'	B8	NF-EA000	ONF-EA000-129	CNPSKV31CK	3/0/18	6cc49fcfec32	---
30	WNF-104-01	AP-635	OMNI	AP-MNT-B	---	---	CEILING	A1	NF-EA000	ONF-EA000-130	PHQDKYJBCP	3/0/20	8c7909cece8a	---
31	WNF-100C-01	AP-635	OMNI	AP-MNT-D	---	---	CEILING	A2	NF-EA000	ONF-EA000-131	PHQDKYJBCB	3/0/22	8c7909ceb4ec	---
32	WNF-GA01-01	AP-575	OMNI	AP-270-MNT-H2	---	---	10.5'	B7	NF-EA000	ONF-EA000-132	CNPRKV30QY	3/0/24	6cc49fcfda6a	---
33	WNF-117-01	AP-635	OMNI	AP-MNT-D	---	---	12'	A2	NF-EA000	ONF-EA000-133	PHQDKYJB7G	3/0/26	8c7909cea7b4	---
34	WNF-100E-01	AP-635	OMNI	AP-MNT-D	---	---	CEILING	A2	NF-EA000	ONF-EA000-134	PHQDKYJBG6	3/0/28	8c7909cef02f	---
35	WNF-GA02-01	AP-575	OMNI	AP-270-MNT-H2	---	---	8'	B7	NF-EA000	ONF-EA001-122	CNPRKV30RJ	3/0/30	6cc49fcfd7c2	---
36	WNF-CON0-11	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	14.5'	B3	NF-EA001	ONF-EA001-119	CNN3KV41DR	3/0/45	cc88c7cf852e	---
37	WNF-CON0-12	AP-575	OMNI	AP-270-MNT-H2	---	---	14.5'	B8	NF-EA001	ONF-EA001-120	CNPRKV30S2	3/0/47	6cc49fcfd638	---
38	WNF-CON0-13	AP-575	OMNI	AP-270-MNT-H2	---	---	14.5'	B8	NF-EA001	ONF-EA001-121	CNPRKV30RS	3/0/2	6cc49fcfd5e6	---
39	WNF-118-01	AP-635	OMNI	AP-MNT-D	---	---	12'	A2	NF-EA001	ONF-EA001-123	PHQDKYJBFG	3/0/4	8c7909cf0b11	---
40	WNF-118-02	AP-635	OMNI	AP-MNT-B	---	---	CEILING	A1	NF-EA001	ONF-EA001-125	PHQDKYJBGT	3/0/6	8c7909ceecc0	---
41	WNF-101D-01	AP-635	OMNI	AP-MNT-D	---	---	CEILING	A2	NF-EA001	ONF-EA001-124	PHQDKYJBGB	3/0/10	8c7909cefa55	---
42	WNF-GA03-01	AP-575	OMNI	AP-270-MNT-H2	---	---	10.5'	B7	NF-EA001	ONF-EA001-126	CNPRKV30RF	3/0/8	6cc49fcfd94c	---
43	WNF-CON0-14	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	10'	B1	NF-SW000	ONF-SW000-25	CNN3KV4103	1/0/2	cc88c7cf82ac	---
44	WNF-VLKR-01	AP-635	OMNI	AP-MNT-B	---	---	CEILING	A1	NF-SW000	ONF-SW000-2	PHQDKYJHGV	1/0/3	8c7909ced5e9	---
45	WNF-VLKR-02	AP-635	OMNI	AP-MNT-B	---	---	CEILING	A1	NF-SW000	ONF-SW000-7	PHQDKYJBDS	1/0/13	8c7909cee22e	---
46	WNF-VLKR-03	AP-635	OMNI	AP-MNT-B	---	---	CEILING	A1	NF-SW000	ONF-SW000-3	PHQDKYJFRJ	1/0/5	8c7909cef605	---
47	WNF-WCLB-01	AP-635	OMNI	AP-MNT-B	---	---	CEILING	A1	NF-WE050	ONF-WE050-66	PHQDKYJBFL	3/0/36	8c7909cede8f	---
48	WNF-WCLB-02	AP-635	OMNI	AP-MNT-B	---	---	CEILING	A1	NF-WE050	ONF-04070	PHQDKYJHKS	3/0/38	8c7909cf04c3	---
49	WNF-WCLB-03	AP-635	OMNI	AP-MNT-B	---	---	CEILING	A1	NF-WE050	ONF-04074	PHQDKYJHKK	3/0/40	8c7909ceecb7	---
50	WNF-WCLB-04	AP-635	OMNI	AP-MNT-B	---	---	CEILING	A1	NF-WE050	ONF-04078	PHQDKYJHHF	3/0/46	8c7909ced778	---
51	WNF-WCLB-05	AP-635	OMNI	AP-MNT-B	---	---	CEILING	A1	NF-WE050	ONF-04084	PHQDKYJBDR	3/0/42	8c7909cf028f	---
52	WNF-WCLB-06	AP-635	OMNI	AP-MNT-D	---	---	CEILING	A2	NF-WE050	ONF-04086	PHQDKYJFRN	3/0/44	8c7909ced81a	---
53	WNF-WCLB-07	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	45°	8'	B1	NF-WE050	ONF-04067	CNMFKV4017	4/0/1	fc7ff1c7acc2	---
54	WNF-WCLB-08	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	45°	8'	B1	NF-WE050	ONF-04089	CNN3KV40XS	4/0/2	cc88c7cf84fe	---
55	WNF-MDF-01	AP-635	OMNI	AP-MNT-D	---	---	CEILING	A2	NF-MDF	ONF-MDF-49	PHQDKYJBGK	2/0/1	8c7909cefac1	---
56	WNF-LCC-01	AP-635	OMNI	AP-MNT-D	---	---	CEILING	A2	NF-MDF	ONF-MDF-38	PHQDKYJBFM	1/0/28	8c7909cef44c	---
57	WNF-LCC-02	AP-635	OMNI	AP-MNT-D	---	---	CEILING	A2	NF-MDF	ONF-MDF-120	PHQDKYJBG2	3/0/47	8c7909ced475	---
58	WNF-LCC-03	AP-635	OMNI	AP-MNT-D	---	---	CEILING	A2	NF-MDF	ONF-MDF-47	PHQDKYJB4J	1/0/46	8c7909cea67f	---

CONCOURSE LEVEL 0 ACCESS POINT SCHEDULE

SCALE: N.T.S.

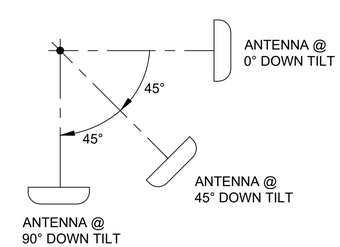
NOTES:

1. -

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

DOWN TILT DEFINITION

CEILING/ROOF



FLOOR

EQUIPMENT MANUFACTURER

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REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
2	11/07/24	AS-BUILT	JPP	BML	KMW
0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BLM	KMW
A	05/02/23	ISSUED FOR APPROVAL	LTT	BLM	KMW

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UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
ACCESS POINT SCHEDULE
CONCOURSE LEVEL 0

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-200
APPROVAL: K. WRIGHT	REV. 2

No.	AP Name	AP Model	AP Type	AP Bracket	Antenna Model	Antenna Downtilt	Elevation	Installation Detail	SER	Cable Label	SN	Switch/Port	MAC	Stealthing
59	WNF-LCC-04	AP-635	OMNI	AP-MNT-D	---	---	CEILING	A2	NF-MDF	ONF-MDF-40	PHQDKYJB90	1/0/44	8c7909ceb330	---
60	WNF-CON0-15	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	13'	B2	NF-MDF	ONF-MDF-152	CNN3KV418Q	4/0/17	cc88c7cf824a	PAINT BLACK
61	WNF-CON0-16	AP-575	OMNI	AP-270-MNT-H2	---	---	17'	B8	NF-MDF	ONF-MDF-153	CNPRKV30RP	4/0/15	6cc49fcfd7a2	PAINT BLACK
62	WNF-CON0-17	AP-575	OMNI	AP-270-MNT-H2	---	---	17'	B8	NF-MDF	ONF-MDF-151	CNPRKV30RN	4/0/19	6cc49fcfd7b6	PAINT BLACK
63	WNF-CON0-18	AP-575	OMNI	AP-270-MNT-H2	---	---	10'	B8	NF-MDF	ONF-MDF-50	CNPRKV30RY	2/0/3	6cc49fcfdc42	---
64	WNF-CON0-19	AP-515	OMNI	AP-MNT-D	---	---	8'	A2	NF-MDF	ONF-MDF-124	PHQ7KD5MB2	3/0/8	749e75c60cfc	BLACK COVER
65	WNF-WCLB-09	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	45°	8'	B1	NF-MDF	ONF-MDF-94	PHS6KV400L	2/0/44	480020c6455e	---
66	WNF-WCLB-10	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	45°	8'	B1	NF-MDF	ONF-MDF-95	PHS6KV4001	2/0/46	480020c6457c	---
67	WNF-WCLB-11	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	45°	8'	B1	NF-MDF	ONF-MDF-96	PHS6KV402B	2/0/48	480020c64676	---

CONCOURSE LEVEL 0 ACCESS POINT SCHEDULE

SCALE: N.T.S.

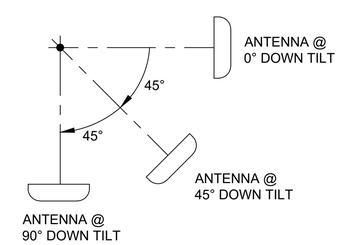
NOTES:

1. -

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

DOWN TILT DEFINITION

CEILING/ROOF



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NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
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UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
ACCESS POINT SCHEDULE
CONCOURSE LEVEL 0

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-201
APPROVAL: K. WRIGHT	REV. 2

No.	AP Name	AP Model	AP Type	AP Bracket	Antenna Model	Antenna Downtilt	Elevation	Installation Detail	SER	Cable Label	SN	Switch/Port	MAC	Stealthing
1	WNF-CON1-01	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	10'	B2	NF-NE100	ONF-NE100-89	CNN3KV411F	2/0/34	cc88c7cf8072	---
2	WNF-CON1-02	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	10'	B2	NF-NE100	ONF-NE100-68	CNN3KV4124	2/0/39	cc88c7cf8494	---
3	WNF-CON1-03	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	10'	B2	NF-NE000	ONF-NE000-196	CNMQKV40GV	3/0/7	cc88c7cec582	---
4	WNF-CON1-04	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	10'	B2	NF-NE000	ONF-NE000-187	CNN3KV411J	4/0/38	cc88c7cf7ef6	---
5	WNF-CON1-05	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	10'	B2	NF-NE000	ONF-NE000-154	CNMFKV4018	4/0/19	fc7ff1c7ac96	---
6	WNF-CON1-06	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	10'	B2	NF-NE000	ONF-NE000-178	CNMFKV401X	4/0/20	fc7ff1c7ade0	---
7	WNF-166-01	AP-635	OMNI	AP-MNT-B	---	---	CEILING	A1	NF-NE100	ONF-NE100-117	PHQDKYJBBK	3/0/39	8c7909ceb471	---
8	WNF-173-01	AP-635	OMNI	AP-MNT-B	---	---	CEILING	A1	NF-NE000	ONF-NE000-7	PHQDKYJB9N	1/0/13	8c7909cea10f	---
9	WNF-GA22-01	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	12'	B2	NF-NE100	ONF-NE100-87	CNN3KV427Y	2/0/30	cc88c7cf7dc8	---
10	WNF-GA22-02	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	12'	B2	NF-NE100	ONF-NE100-123	CNN3KV427G	3/0/6	cc88c7cf8610	---
11	WNF-GA22-03	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	12'	B2	NF-NE100	ONF-NE100-98	CNN3KV4115	3/0/8	cc88c7cf7f74	---
12	WNF-GA22-04	AP-575	OMNI	AP-270-MNT-H2	---	---	8'	B8	NF-NE100	ONF-NE100-62	CNPRKV30RD	2/0/27	6cc49fcfd5a2	---
13	WNF-GA22-05	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	---	8'	B3	NF-NE100	ONF-NE100-76	CNN3KV4110	2/0/8	cc88c7cf83f2	---
14	WNF-GA22-06	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	---	8'	B3	NF-NE100	ONF-NE100-60	CNN3KV411V	2/0/23	cc88c7cf84e0	---
15	WNF-GA23-01	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	---	12'	B2	NF-NE100	ONF-NE100-125	CNN3KV412L	3/0/10	cc88c7cf8370	---
16	WNF-GA23-03	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	---	12'	B2	NF-NE000	ONF-NE000-161	CNN3KV42GQ	4/0/33	cc88c7cf8bba	---
17	WNF-GA23-04	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	---	12'	B2	NF-NE000	ONF-NE000-160	CNN3KV427L	4/0/31	cc88c7cf89b2	---
18	WNF-GA23-05	AP-575	OMNI	AP-270-MNT-H2	---	---	8'	B8	NF-NE000	ONF-NE000-235	CNPRKV30S0	5/0/38	6cc49fcfd4c0	---
19	WNF-GA23-06	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	8'	B3	NF-NE000	ONF-NE000-234	CNN3KV40WH	5/0/36	cc88c7cf801e	---
20	WNF-GA23-07	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	8'	B3	NF-NE000	ONF-NE000-229	CNN3KV40WN	5/0/26	cc88c7cf7f36	---
21	WNF-GA24-01	AP-575	OMNI	AP-270-MNT-V1	---	---	12'	B4	NF-NE000	ONF-NE000-159	CNPSKV31CD	4/0/29	6cc49fcff380	---
22	WNF-GA24-02	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	12'	B2	NF-NE000	ONF-NE000-231	CNN3KV4192	5/0/30	cc88c7cf7dec	---
23	WNF-GA24-03	AP-575	OMNI	AP-270-MNT-V1	---	---	12'	B4	NF-NE000	ONF-NE000-240	CNPRKV307W	5/0/48	6cc49fcfd63e	---
24	WNF-CON1-07	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	10'	B1	NF-NE000	ONF-NE000-165	CNN3KV419K	4/0/41	cc88c7cf8400	---
25	WNF-CON1-08	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	10'	B1	NF-EA000	ONF-EA000-118	CNN3KV412D	3/0/43	cc88c7cf83c8	---
26	WNF-CON1-09	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	10'	B1	NF-EA000	ONF-EA000-119	CNN3KV40W3	3/0/45	cc88c7cf8266	---
27	WNF-CON1-10	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	10'	B1	NF-EA000	ONF-EA000-120	CNN3KV418F	3/0/47	cc88c7cf806c	---
28	WNF-CON1-11	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	10'	B1	NF-EA000	ONF-EA000-121	CNQDKV406L	3/0/2	dcb7acc63516	---
29	WNF-CON1-12	AP-575	OMNI	AP-270-MNT-V1	---	---	12'	B4	NF-EA000	ONF-EA000-122	CNPRKV30HD	3/0/4	6cc49fcfdc74	---
30	WNF-CON1-13	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	10'	B1	NF-EA001	ONF-EA001-115	CNQDKV406L	3/0/37	dcb7acc62ec4	---
31	WNF-CON1-14	AP-575	OMNI	AP-270-MNT-V1	---	---	12'	B4	NF-EA001	ONF-EA001-116	CNPRKV3079	3/0/39	6cc49fcfd85a	---
32	WNF-CON1-15	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	10'	B1	NF-EA001	ONF-EA001-117	CNQDKV405P	3/0/41	dcb7acc63940	---
33	WNF-CON1-16	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	10'	B1	NF-EA001	ONF-EA001-118	CNQDKV405Q	3/0/43	dcb7acc634ea	---
34	WNF-CON1-17	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	10'	B1	NF-EA001	ONF-EA001-171	CNQDKV406T	3/0/12	dcb7acc632ca	---
35	WNF-CON1-18	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	10'	B1	NF-SE000	ONF-SE000-120	CNQDKV4091	3/0/47	dcb7acc63440	---
36	WNF-CON1-19	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	10'	B1	NF-SE000	ONF-SE000-101	CNN3KV4194	3/0/9	cc88c7cf84d4	---
37	WNF-CON1-20	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	10'	B1	NF-SE000	ONF-SE000-119	CNN3KV40WL	3/0/45	cc88c7cf81ba	---
38	WNF-CON1-21	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	10'	B1	NF-SE000	ONF-SE000-52	CNQDKV405L	2/0/7	dcb7acc6355e	---
39	WNF-CON1-22	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	10'	B1	NF-SE000	ONF-SE000-64	CNQDKV405M	2/0/31	dcb7acc62f28	---
40	WNF-CON1-23	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	10'	B1	NF-SE000	ONF-SE000-111	CNQDKV40BT	3/0/29	dcb7acc6333c	---
41	WNF-CON1-24	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	10'	B1	NF-SE000	ONF-SE000-100	CNQDKV406N	3/0/7	dcb7acc63492	---
42	WNF-CON1-25	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	10'	B1	NF-SW000	ONF-SW000-204	CNN3KV4180	5/0/23	cc88c7cf8068	---
43	WNF-CON1-26	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	10'	B1	NF-SW000	ONF-SW000-205	CNN3KV412V	5/0/25	cc88c7cf8368	---
44	WNF-CON1-27	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	10'	B1	NF-SW000	ONF-SW000-206	CNQDKV4068	5/0/27	dcb7acc62f0e	---
45	WNF-CON1-28	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	10'	B1	NF-SW000	ONF-SW000-207	CNQDKV405K	5/0/29	dcb7acc632ce	---
46	WNF-CON1-29	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	10'	B1	NF-SW000	ONF-SW000-208	CNQDKV405Z	5/0/31	dcb7acc633c4	---
47	WNF-129-01	AP-635	OMNI	AP-MNT-B	---	---	CEILING	A1	NF-SW000	ONF-SW000-197	PHQDKYJBD3	REMOVED	REMOVED	---
48	WNF-GA09-01	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	11'	B1	NF-SW000	ONF-SW000-217	CNQDKV405T	5/0/2	dcb7acc63360	---
49	WNF-GA09-02	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	11'	B1	NF-SW000	ONF-SW000-218	CNQDKV405V	5/0/4	dcb7acc630e2	---
50	WNF-GA10-01	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	45°	12'	B3	NF-GA10	ONF-GA10-1	CNQDKV406G	2/1/1	dcb7acc6383c	---
51	WNF-GA10-02	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	45°	12'	B3	NF-GA10	ONF-GA10-2	CNN3KV4122	1/1/1	cc88c7cf849c	---
52	WNF-GA10-03	AP-518	OMNI	N/A	ANT-22	---	3'	D11	NF-GA10	ONF-GA10-3	CNQ5KV115Q	2/1/5	dcb7acc5c9c6	ENCLOSURE
53	WNF-GA10-04	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	45°	12'	B3	NF-GA10	ONF-GA10-4	CNN3KV40W5	1/1/5	cc88c7cf8146	---
54	WNF-GA10-05	AP-518	OMNI	N/A	ANT-22	---	3'	D11	NF-GA10	ONF-GA10-5	CNQ5KV115M	2/1/7	dcb7acc5c5fc	ENCLOSURE
55	WNF-GA10-06	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	12'	B3	NF-GA10	ONF-GA10-6	CNN3KV426J	1/1/7	cc88c7cf88a8	---
56	WNF-GA10-07	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	12'	B1	NF-GA10	ONF-GA10-7	CNN3KV426R	2/1/9	cc88c7cf8d90	---
57	WNF-GA10-08	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	12'	B1	NF-GA10	ONF-GA10-8	CNN3KV412B	1/1/9	cc88c7cf8470	---
58	WNF-GA10-09	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	10'	B1	NF-GA10	ONF-GA10-9	CNN3KV40X1	2/1/11	cc88c7cf7f00	---

CONCOURSE LEVEL 1 ACCESS POINT SCHEDULE

SCALE: N.T.S.

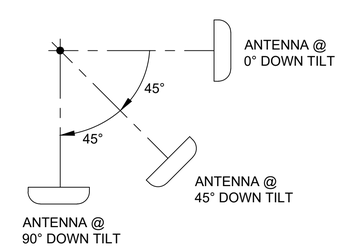
NOTES:

1. -

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

DOWN TILT DEFINITION

CEILING/ROOF



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UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
ACCESS POINT SCHEDULE
CONCOURSE LEVEL 1

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-202 — REV. 2
APPROVAL: K. WRIGHT	

No.	AP Name	AP Model	AP Type	AP Bracket	Antenna Model	Antenna Downtilt	Elevation	Installation Detail	SER	Cable Label	SN	Switch/Port	MAC	Stealthing
59	WNF-GA10-10	AP-635	OMNI	AP-MNT-B	---	---	CEILING	A1	NF-GA10	ONF-GA10-10	PHQDKYJBCG	1/1/11	8c7909cec7dc	---
60	WNF-GA10-11	AP-518	OMNI	N/A	ANT-22	---	CEILING	D12	NF-GA10	ONF-GA10-11	CNQ5KV117N	2/1/15	dcb7acc5c148	ENCLOSURE
61	WNF-GA10-12	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	10'	B1	NF-GA10	ONF-GA10-12	CNQDKV405S	1/1/13	dcb7acc634ca	---
62	WNF-GA10-13	AP-518	OMNI	N/A	ANT-22	---	CEILING	D12	NF-GA10	ONF-GA10-13	CNQ5KV1166	2/1/13	dcb7acc5befa	ENCLOSURE
63	WNF-GA10-14	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	10'	B1	NF-GA10	ONF-GA10-14	CNQDKV4059	1/1/15	dcb7acc63122	---
64	WNF-GA10-15	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	10'	B1	NF-GA10	ONF-GA10-15	CNQDKV405X	2/1/17	dcb7acc63268	---
65	WNF-GA10-16	AP-518	OMNI	N/A	ANT-22	---	3'	D11	NF-GA10	ONF-GA10-16	CNQ5KV115R	1/1/17	dcb7acc5c7ba	ENCLOSURE
66	WNF-GA10-17	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	10'	B1	NF-GA10	ONF-GA10-17	CNQDKV4057	2/1/19	dcb7acc6300e	---
67	WNF-GA10-18	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	10'	B1	NF-GA10	ONF-GA10-18	CNN3KV419M	1/1/19	cc88c7cf8446	---
68	WNF-GA11-01	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	12'	B3	NF-SW000	ONF-SW000-213	CNN3KV4195	5/0/41	480020c6456e	---
69	WNF-GA11-03	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	12'	B3	NF-SW000	ONF-SW000-214	CNN3KV40W2	5/0/43	480020c64602	---
70	WNF-GA11-04	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	12'	B3	NF-SW000	ONF-SW000-215	CNMQKV40GG	5/0/45	480020c6435c	---
71	WNF-GA11-05	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	12'	B3	NF-SW000	ONF-SW000-211	cnqdkv4071	5/0/37	480020c64432	---
72	WNF-GA11-06	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	12'	B3	NF-SW000	ONF-SW000-212	cnqdkv40bb	5/0/39	480020c645b0	---
73	WNF-GA12-01	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	12'	B3	NF-SW000	ONF-SW000-216	CNN3KV41D7	5/0/47	cc88c7cf7e02	---
74	WNF-GA12-02	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	14'	B1	NF-SWMEZ3	ONF-SWMEZ3-26	CNN3KV411P	1/0/4	cc88c7cf8340	---
75	WNF-GA12-03	AP-575	OMNI	AP-270-MNT-H2	---	---	CEILING	B7	NF-SWMEZ3	ONF-SWMEZ3-27	CNPRKV30R8	1/0/6	6cc49fcfdbbe	---
76	WNF-GA12-04	AP-575	OMNI	AP-270-MNT-H2	---	---	14.5'	B8	NF-SWMEZ3	ONF-SWMEZ3-28	CNPRKV307Q	1/0/8	6cc49fcfdc44	---
77	WNF-GA13-01	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	14'	B1	NF-SWMEZ3	ONF-SWMEZ3-31	CNN3KV419C	1/0/14	cc88c7cf8448	---
78	WNF-GA13-02	AP-635	OMNI	AP-MNT-D	---	---	CEILING	A2	NF-SWMEZ3	ONF-SWMEZ3-32	PHQDKYJBD9	1/0/16	8c7909cea811	---
79	WNF-GA13-03	AP-635	OMNI	AP-MNT-D	---	---	CEILING	A2	NF-SWMEZ3	ONF-SWMEZ3-33	PHQDKYJB81	1/0/18	8c7909cead4b	---
80	WNF-GA14-01	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	14'	B1	NF-WMEZ1	ONF-WMEZ1-103	CNN3KV411G	3/0/13	cc88c7cf802a	---
81	WNF-GA14-02	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	14'	B1	NF-WMEZ1	ONF-WMEZ1-109	CNN3KV40R8	3/0/25	cc88c7cf7e28	---
82	WNF-GA14-03	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	12'	B1	NF-SWMEZ3	ONF-SWMEZ3-39	CNN3KV40RP	1/0/30	cc88c7cf7e9a	---
83	WNF-GA14-04	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	12'	B1	NF-SWMEZ3	ONF-SWMEZ3-40	CNN3KV4196	1/0/32	cc88c7cf7f4a	---
84	WNF-ELV1-01	AP-635	OMNI	AP-MNT-D	---	---	CEILING	A2	NF-WMEZ1	ONF-WMEZ1-111	PHQDKYJB4H	3/0/31	8c7909cecdc7	---
85	WNF-FACR-01	AP-635	OMNI	AP-MNT-B	---	---	CEILING	A1	NF-WMEZ1	ONF-WMEZ1-115	PHQDKYJB7Z	3/0/37	8c7909ceb6ea	---
86	WNF-GA15-01	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	21'	B1	NF-WMEZ1	ONF-WMEZ1-110	CNN3KV4129	3/0/29	cc88c7cf8018	---
87	WNF-GA15-02	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	21'	B1	NF-WMEZ1	ONF-WMEZ1-108	CNN3KV4128	3/0/23	cc88c7cf7de2	---
88	WNF-GA15-03	AP-575	OMNI	AP-270-MNT-V1	---	---	12'	B4	NF-WMEZ1	ONF-WMEZ1-114	CNPRKV30S4	3/0/35	6cc49fcfd75c	---
89	WNF-GA15-04	AP-515	OMNI	AP-MNT-B	---	---	CEILING	A1	NF-WMEZ1	ONF-WMEZ1-101	PHQ7KD5MB1	3/0/9	749e75c60b1a	---
90	WNF-GA16-01	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	19'	B1	NF-SWMEZ3	ONF-SWMEZ3-22	CNMQKV40G1	1/0/43	cc88c7cec516	---
91	WNF-GA16-02	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	19'	B1	NF-SWMEZ3	ONF-SWMEZ3-30	CNMFKV401J	1/0/12	fc7ff1c7ae86	---
92	WNF-GA16-03	AP-575	OMNI	AP-270-MNT-V1	---	---	12'	B4	NF-WMEZ1	ONF-WMEZ1-112	CNPRKV30RR	3/0/33	6cc49fcfdbfa	---
93	WNF-GA16-04	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	45°	20'	B1	NF-WMEZ1	ONF-WMEZ1-11	CNN3KV426D	3/0/19	cc88c7cf8c60	---
94	WNF-GA16-05	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	45°	30'	B1	NF-SWMEZ3	ONF-SWMEZ3-11	CNN3KV425Z	REMOVED	REMOVED	---
95	WNF-GA16-06	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	45°	30'	B1	NF-SWMEZ3	ONF-SWMEZ3-20	CNN3KV40WK	REMOVED	REMOVED	---
96	WNF-CON1-30	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	10'	B1	NF-SW000	ONF-SW000-209	CNN3KV412T	5/0/33	cc88c7cf7dce	---
97	WNF-CON1-31	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	10'	B1	NF-SW000	ONF-SW000-210	CNN3KV412C	5/0/35	cc88c7cf8544	---
98	WNF-CON1-32	AP-575	OMNI	AP-270-MNT-H2	---	---	CEILING	B7	NF-SWMEZ3	ONF-SWMEZ3-51	CNPRKV306T	2/0/5	6cc49fcfd61a	---
99	WNF-CON1-33	AP-575	OMNI	AP-270-MNT-V1	---	---	11'	B4	NF-SW000	ONF-SW000-224	CNPRKV307K	5/0/16	6cc49fcfdc2c	---
100	WNF-CON1-34	AP-575	OMNI	AP-270-MNT-V1	---	---	11'	B4	NF-SW000	ONF-SW000-289	CNPRKV307Y	6/0/48	6cc49fcfdc36	---
101	WNF-CON1-35	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	11'	B1	NF-WMEZ1	ONF-WMEZ1-31	CNMFKV402C	1/0/14	fc7ff1c7ae0a	---
102	WNF-CON1-36	AP-575	OMNI	AP-270-MNT-V1	---	---	11'	B4	NF-WMEZ1	ONF-WMEZ1-32	CNPRKV3080	1/0/16	6cc49fcfdac4	---
103	WNF-GA17-01	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	19'	B1	NF-SWMEZ3	ONF-SWMEZ3-23	CNN3KV412G	1/0/41	cc88c7cf8128	---
104	WNF-GA17-02	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	19'	B1	NF-SWMEZ3	ONF-SWMEZ3-21	CNN3KV419B	1/0/45	cc88c7cf7fe8	---
105	WNF-GA17-03	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	45°	30'	B1	NF-SWMEZ3	ONF-SWMEZ3-19	CNMFKV4013	REMOVED	REMOVED	---
106	WNF-GA17-04	AP-575	OMNI	AP-270-MNT-V1	---	---	12'	B4	NF-NWMEZ3	ONF-NWMEZ3-7	CNPRKV30S6	1/0/13	6cc49fcfd9b2	---
107	WNF-GA17-05	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	45°	20'	B1	NF-NWMEZ3	ONF-NWMEZ3-36	CNN3KV40ZT	1/0/24	cc88c7cf8194	---
108	WNF-GA18-01	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	21'	B1	NF-NWMEZ3	ONF-NWMEZ3-6	CNN3KV41D3	1/0/11	cc88c7cf7f56	---
109	WNF-GA18-02	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	21'	B1	NF-NWMEZ3	ONF-NWMEZ3-11	CNN3KV412H	1/0/21	cc88c7cf7e5e	---
110	WNF-GA18-03	AP-515	OMNI	AP-MNT-B	---	---	CEILING	A1	NF-NWMEZ3	ONF-NWMEZ3-10	PHQ7KD5MB6	1/0/19	749e75c60606	---
111	WNF-GA19-01	AP-575	OMNI	AP-270-MNT-V1	---	---	12'	B4	NF-NWMEZ3	ONF-NWMEZ3-9	CNPRKV30S7	1/0/17	6cc49fcfdaf0	---
112	WNF-GA20-01	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	14'	B1	NF-NWMEZ3	ONF-NWMEZ3-33	CNMFKV4028	1/0/18	fc7ff1c7ad3e	---
113	WNF-GA20-02	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	14'	B1	NF-NWMEZ3	ONF-NWMEZ3-8	CNMQKV40WM	1/0/15	cc88c7cec800	---
114	WNF-GA20-03	AP-575	OMNI	AP-270-MNT-V1	---	---	12'	B4	NF-NWMEZ3	ONF-NWMEZ3-34	CNPRKV3082	1/0/20	6cc49fcfd746	---
115	WNF-GA20-04	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	19'	B1	NF-MDF	ONF-MDF-197	CNMQKV40GW	5/0/11	cc88c7cec51a	---
116	WNF-ELV1-02	AP-635	OMNI	AP-MNT-D	---	---	CEILING	A2	NF-NWMEZ3	ONF-NWMEZ3-35	PHQDKYJB9S	1/0/22	8c7909ceb7f8	---

CONCOURSE LEVEL 1 ACCESS POINT SCHEDULE

SCALE: N.T.S.

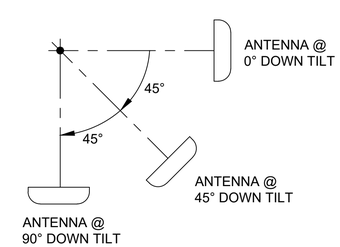
NOTES:

1. -

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

DOWN TILT DEFINITION

CEILING/ROOF



FLOOR

EQUIPMENT MANUFACTURER

aruba
a Hewlett Packard Enterprise company

CLIENT

THE UNIVERSITY OF TENNESSEE KNOXVILLE

REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
2	11/07/24	AS-BUILT	JPP	BML	KMW
0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BLM	KMW
A	05/02/23	ISSUED FOR APPROVAL	LTT	BLM	KMW

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UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
ACCESS POINT SCHEDULE
CONCOURSE LEVEL 1

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849
DATE: MARCH 1, 2023
DESIGNER: L. TRAN
SCALE: AS NOTED
ENGINEER: B. LEON
DRAWING NO.: TE-23-03849-T-203
REV. 2
APPROVAL: K. WRIGHT

No.	AP Name	AP Model	AP Type	AP Bracket	Antenna Model	Antenna Downtilt	Elevation	Installation Detail	SER	Cable Label	SN	Switch/Port	MAC	Stealthing
117	WNF-CON1-37	AP-575	OMNI	AP-270-MNT-V1	---	---	11'	B4	NF-WMEZ1	ONF-WMEZ1-47	CNPSKV31C3	1/0/46	6cc49fcfee36	---
118	WNF-CON1-38	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	11'	B1	NF-WMEZ1	ONF-WMEZ1-48	CNN3KV40X9	1/0/48	cc88c7cf7e4e	---
119	WNF-CON1-39	AP-575	OMNI	AP-270-MNT-V1	---	---	11'	B4	NF-WE050	ONF-WE050-60	CNPSKV31CH	2/0/23	6cc49fcfec72	---
120	WNF-CON1-40	AP-575	OMNI	AP-270-MNT-V1	---	---	11'	B4	NF-WE050	ONF-WE050-73	CNPRKV30HK	2/0/2	6cc49fcfdac2	---
121	WNF-CON1-41	AP-575	OMNI	AP-270-MNT-V1	---	---	11'	B4	NF-MDF	ONF-MDF-193	CNPRKV30HC	5/0/1	6cc49fcfdd0e	---
122	WNF-CON1-42	AP-575	OMNI	AP-270-MNT-V1	---	---	10'	B4	NF-NWMEZ3	ONF-NWMEZ3-12	CNPRKV30RM	1/0/23	6cc49fcfd4cc	---
123	WNF-CON1-43	AP-635	OMNI	AP-MNT-B	---	---	CEILING	A1	NF-MDF	ONF-MDF-195	PHQDKYJBBP	5/0/7	54d7e3c24fbb	---
124	WNF-CON1-44	AP-575	OMNI	AP-270-MNT-V1	---	---	11'	B4	NF-MDF	ONF-MDF-225	CNPSKV31HS	5/0/18	6cc49fcff160	---
125	WNF-TMST-01	AP-635	OMNI	AP-MNT-B	---	---	CEILING	A1	NF-MDF	ONF-MDF-126	PHQDKYJB99	3/0/12	8c7909cecc0e	---
126	WNF-TMST-02	AP-635	OMNI	AP-MNT-B	---	---	CEILING	A1	NF-MDF	ONF-MDF-144	PHQDKYJB9L	3/0/48	8c7909ceaa87	---
127	WNF-NWRA1-01	AP-575	OMNI	AP-270-MNT-V1	---	---	11'	B5	NF-MDF	ONF-MDF-59	CNPRKV306V	1/0/24	6cc49fcfd4b2	---
128	WNF-GA21-01	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	19'	B1	NF-MDF	ONF-MDF-29	CNQDKV408S	1/0/10	dcb7acc62f54	---
129	WNF-GA21-02	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	19'	B1	NF-MDF	ONF-MDF-39	CNQDKV406D	1/0/20	dcb7acc633a0	---
130	WNF-GA21-03	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	19'	B1	NF-MDF	ONF-MDF-30	CNQDKV405C	1/0/12	dcb7acc634ac	---
131	WNF-GA21-04	AP-515	OMNI	AP-MNT-B	---	---	CEILING	A1	NF-MDF	ONF-MDF-3	PHQ7KD5M97	1/0/5	749e75c60ebe	---
132	WNF-GA21-05	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	13'	B1	NF-MDF	ONF-MDF-139	CNQDKV405G	3/0/38	dcb7acc634e4	---
133	WNF-GA21-06	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	13'	B1	NF-MDF	ONF-MDF-2	CNQDKV4069	1/0/3	dcb7acc63158	---
134	WNF-GA21-07	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	19'	B1	NF-MDF	ONF-MDF-27	CNQDKV4060	1/0/6	dcb7acc6327c	---
135	WNF-GA21-08	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	19'	B1	NF-MDF	ONF-MDF-33	CNQDKV4066	1/0/18	dcb7acc63070	---
136	WNF-GA21-09	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	19'	B1	NF-MDF	ONF-MDF-31	CNQDKV4065	1/0/14	dcb7acc6351a	---
137	WNF-GA21-10	AP-635	OMNI	AP-MNT-B	---	---	CEILING	A1	NF-GA21	ONF-GA21-19 / 20	PHQDKYJBBQ	1/0/1	8c7909ce97be	---
138	WNF-GA21-11	AP-575	OMNI	AP-270-MNT-V1	---	---	10'	B4	NF-GA21	ONF-GA21-21 / 22	CNPSKV31D2	1/0/3	6cc49fcfeb94	---
139	WNF-GA21-12	AP-575	OMNI	AP-270-MNT-V1	---	---	10'	B4	NF-GA21	ONF-GA21-23 / 24	CNPRKV307T	1/0/47	6cc49fcfd67a	---
140	WNF-GA21-13	AP-575	OMNI	AP-270-MNT-V1	---	---	10'	B4	NF-GA21	ONF-GA21-25 / 26	CNPSKV31CF	1/0/5	6cc49fcff1d2	---
141	WNF-GA21-14	AP-575	OMNI	AP-270-MNT-V1	---	---	10'	B4	NF-GA21	ONF-GA21-27 / 28	CNPRKV30RQ	1/0/7	6cc49fcfd4c2	---
142	WNF-GA21-15	AP-575	OMNI	AP-270-MNT-V1	---	---	10'	B4	NF-GA21	ONF-GA21-29 / 30	CNPRKV30H8	1/0/9	6cc49fcfd7ca	---
143	WNF-GA21-16	AP-575	OMNI	AP-270-MNT-V1	---	---	10'	B4	NF-GA21	ONF-GA21-31 / 32	CNPRKV30RH	1/0/11	6cc49fcfd8e8	---
144	WNF-GA21-17	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	22'	B1	NF-GA21	ONF-GA21-33 / 34	CNN3KV426V	1/0/13	cc88c7cf8ae2	---
145	WNF-GA21-18	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	22'	B1	NF-GA21	ONF-GA21-35 / 36	CNN3KV427T	1/0/15	cc88c7cf8ab0	---
146	WNF-GA21-19	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	22'	B1	NF-GA21	ONF-GA21-37 / 38	CNN3KV4101	1/0/43	cc88c7cf84ca	---
147	WNF-GA21-20	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	22'	B1	NF-GA21	ONF-GA21-39 / 40	CNN3KV412N	1/0/17	cc88c7cf83fe	---
148	WNF-GA21-21	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	22'	B1	NF-GA21	ONF-GA21-41 / 42	CNN3KV411L	1/0/19	cc88c7cf819a	---
149	WNF-GA21-22	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	22'	B1	NF-GA21	ONF-GA21-43 / 44	CNN3KV412Q	1/0/21	cc88c7cf847c	---
150	WNF-GA21-23	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	22'	B1	NF-GA21	ONF-GA21-45 / 46	CNN3KV426N	1/0/23	cc88c7cf8a14	---
151	WNF-GA21-24	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	10'	B1	NF-GA21	ONF-GA21-47 / 48	CNN3KV426S	1/0/25	cc88c7cf8b3c	---
152	WNF-GA21-25	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	10'	B1	NF-GA21	ONF-GA21-49 / 50	CNN3KV411R	1/0/27	cc88c7cf8290	---
153	WNF-GA21-26	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	10'	B1	NF-GA21	ONF-GA21-51 / 52	CNN3KV41F3	1/0/41	cc88c7cf84ae	---
154	WNF-GA21-27	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	10'	B1	NF-GA21	ONF-GA21-53 / 54	CNMFKV401M	1/0/45	fc7ff1c7ad06	---
155	WNF-GA21-28	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	10'	B1	NF-GA21	ONF-GA21-55 / 56	CNN3KV411S	1/0/31	cc88c7cf82be	---
156	WNF-GA21-29	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	10'	B1	NF-GA21	ONF-GA21-57 / 58	CNMFKV401B	1/0/29	fc7ff1c7ac1a	---
157	WNF-GA21-30	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	10'	B1	NF-GA21	ONF-GA21-59 / 60	CNMFKV4027	1/0/33	fc7ff1c7ad3a	---
158	WNF-GA21-31	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	10'	B1	NF-GA21	ONF-GA21-61 / 62	CNMFKV4021	1/0/35	fc7ff1c7ace8	---
159	WNF-GA21-32	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	10'	B1	NF-GA21	ONF-GA21-63 / 64	CNN3KV40X4	1/0/37	cc88c7cf844a	---
160	WNF-GA21-33	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	10'	B1	NF-GA21	ONF-GA21-65 / 66	CNN3KV40WB	1/0/39	cc88c7cf8302	---
161	WNF-CON1-45	AP-575	OMNI	AP-270-MNT-V1	---	---	10.5'	B4	NF-MDF	ONF-MDF-240	CNPRKV30RC	5/0/48	6cc49fcfdaec	---
162	WNF-CON1-46	AP-575	OMNI	AP-270-MNT-V1	---	---	10.5'	B4	NF-MDF	ONF-MDF-114	CNPRKV30RZ	3/0/35	6cc49fcfd464	---
163	WNF-CON1-47	AP-575	OMNI	AP-270-MNT-V1	---	---	12'	B4	NF-MDF	ONF-MDF-135	CNPRKV307L	3/0/30	6cc49fcfdc18	---
164	WNF-CON1-48	AP-575	OMNI	AP-270-MNT-V1	---	---	12'	B4	NF-NE100	ONF-NE100-26	CNPRKV307J	1/0/4	6cc49fcfd8ae	---
165	WNF-CON1-49	AP-635	OMNI	AP-MNT-B	---	---	8'	A1	NF-NE100	---	PHPZKYJ3H4	3/0/47	54d7e3c26125	---
166	WNF-CNC1-01	AP-515	OMNI	AP-MNT-B	---	---	CEILING	A1	NF-MDF	ONF-MDF-178	PHQ7KD5MV2	4/0/20	749e75c60608	---
167	WNF-CNC1-02	AP-515	OMNI	AP-MNT-B	---	---	CEILING	A1	NF-MDF	ONF-MDF-58	PHQ7KD5M9Y	2/0/19	749e75c60d4e	---
168	WNF-CNC1-03	AP-515	OMNI	AP-MNT-B	---	---	CEILING	A1	NF-MDF	ONF-MDF-69	PHQ7KD5NGP	2/0/41	749e75c60d34	---
169	WNF-NWRA1-02	AP-575	OMNI	AP-270-MNT-V1	---	---	11'	B5	NF-MDF	ONF-MDF-59	CNPRKV307V	2/0/21	6cc49fcfdac0	---

CONCOURSE LEVEL 1 ACCESS POINT SCHEDULE

SCALE: N.T.S.

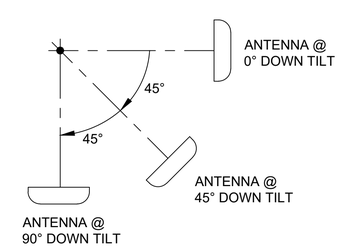
NOTES:

1. -

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

DOWN TILT DEFINITION

CEILING/ROOF



FLOOR

EQUIPMENT MANUFACTURER

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REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
2	11/07/24	AS-BUILT	JPP	BML	KMW
0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BLM	KMW
A	05/02/23	ISSUED FOR APPROVAL	LTT	BLM	KMW

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UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
ACCESS POINT SCHEDULE
CONCOURSE LEVEL 1

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-204
APPROVAL: K. WRIGHT	REV. 2

No.	AP Name	AP Model	AP Type	AP Bracket	Antenna Model	Antenna Downtilt	Elevation	Installation Detail	SER	Cable Label	SN	Switch/Port	MAC	Stealthing
1	WNF-CON2-01	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	9'	B6	NF-NE300	ONF-NE300-79	cnqdkv40b0	4/0/43	dcb7acc62ef2	---
2	WNF-CON2-02	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	9'	B6	NF-NE300	ONF-NE300-165	cnqdkv409r	4/0/41	dcb7acc638d2	---
3	WNF-CON2-03	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	9'	B6	NF-NE300	ONF-NE300-164	cnqdkv40pf	4/0/39	dcb7acc6317a	---
4	WNF-CON2-04	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	9'	B6	NF-NE300	ONF-NE300-157	cnqdkv40bc	4/0/25	dcb7acc6388e	---
5	WNF-CON2-05	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	9'	B6	NF-NE300	ONF-NE300-156	cnqdkv40ck	4/0/23	dcb7acc633c2	---
6	WNF-CON2-06	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	9'	B6	NF-NE300	ONF-NE300-155	cnqdkv40bz	4/0/21	dcb7acc6362a	---
7	WNF-NERA2-01	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	6'	B3	NF-NE300	ONF-NE300-158	cnqdkv40bs	4/0/27	dcb7acc6316c	---
8	WNF-NERA2-02	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	6'	B3	NF-NE300	ONF-NE300-144	cnqdkv40bn	3/0/48	dcb7acc630dc	---
9	WNF-CON2-07	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	9'	B6	NF-NE300	ONF-NE300-143	cnqdkv40b5	3/0/46	dcb7acc62ed6	---
10	WNF-CON2-08	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	9'	B6	NF-NE300	ONF-NE300-141	cnqdkv409w	3/0/42	dcb7acc634da	---
11	WNF-CON2-09	AP-575	OMNI	AP-270-MNT-V1	---	---	15'	B5	NF-NE300	ONF-NE300-142	CNPRKV30GP	3/0/44	6cc49fcfdd40	---
12	WNF-CON2-10	AP-575	OMNI	AP-270-MNT-V1	---	---	15'	B5	NF-NE300	ONF-NE300-140	CNPRKV30RX	3/0/40	6cc49fcfd4de	---
13	WNF-CON2-11	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	11'	B6	NF-EA300	ONF-EA300-94	cnqdkv40b4	1/0/44	dcb7acc62f1e	---
14	WNF-ERA2-01	AP-575	OMNI	AP-270-MNT-V1	---	---	11'	B5	NF-EA300	ONF-EA300-139	CNPRKV30RG	2/0/38	6cc49fcfd55a	---
15	WNF-CON2-12	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	45°	11'	B6	NF-EA300	ONF-EA300-95	cnqdkv40bf	1/0/46	dcb7acc638ca	---
16	WNF-CON2-13	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	45°	11'	B6	NF-EA300	ONF-EA300-93	cnqdkv40bk	1/0/42	dcb7acc63230	---
17	WNF-CON2-14	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	45°	11'	B6	NF-EA300	ONF-EA300-144	cnqdkv40by	2/0/48	dcb7acc63068	---
18	WNF-CON2-15	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	45°	11'	B6	NF-EA300	ONF-EA300-89	cnqdkv40bw	1/0/34	dcb7acc62e94	---
19	WNF-CON2-16	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	45°	11'	B6	NF-EA300	ONF-EA300-142	cnqdkv40bl	2/0/44	dcb7acc62f3a	---
20	WNF-CON2-17	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	45°	11'	B6	NF-EA300	ONF-EA300-141	cnqdkv40c0	2/0/42	dcb7acc636bc	---
21	WNF-CON2-18	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	45°	11'	B6	NF-SE300	ONF-SE300-170	cnqdkv40c1	4/0/4	dcb7acc6307e	---
22	WNF-CON2-19	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	11'	B5	NF-SE300	ONF-SE300-171	cnqdkv40bd	4/0/6	dcb7acc62fc2	---
23	WNF-CON2-20	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	11'	B5	NF-SE300	ONF-SE300-176	cnqdkv40bh	4/0/16	dcb7acc6375e	---
24	WNF-CON2-21	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	11'	B5	NF-SE300	ONF-SE300-177	cnqdkv4076	4/0/18	dcb7acc63668	---
25	WNF-CON2-22	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	11'	B5	NF-SE300	ONF-SE300-182	cnqdkv4077	4/0/28	dcb7acc632d4	---
26	WNF-CON2-23	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	11'	B5	NF-SE300	ONF-SE300-186	cnqdkv40c5	4/0/36	dcb7acc636be	---
27	WNF-CON2-24	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	11'	B5	NF-SE300	ONF-SE300-198	cnqdkv40w5	5/0/11	dcb7acc63822	---
28	WNF-CON2-25	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	11'	B5	NF-SE300	ONF-SE300-199	cnqdkv40fp	5/0/13	dcb7acc638b2	---
29	WNF-CON2-26	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	11'	B5	NF-SE300	ONF-SE300-210	cnqdkv40wr	5/0/35	dcb7acc636fc	---
30	WNF-CON2-27	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	11'	B5	NF-SW300	ONF-SW300-148	cnqdkv418f	4/0/5	dcb7acc633d2	---
31	WNF-CON2-28	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	14'	B3	NF-SE300	ONF-SE300-208	cnqdkv40br	5/0/31	dcb7acc63698	---
32	WNF-CON2-29	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	14'	B3	NF-SE300	ONF-SE300-209	cnqdkv40bx	5/0/33	dcb7acc62ece	---
33	WNF-CON2-30	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	11'	B5	NF-SW300	ONF-SW300-158	cnqdkv40bq	4/0/25	dcb7acc63220	---
34	WNF-CON2-31	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	11'	B5	NF-SW300	ONF-SW300-170	cnqdkv402k	4/0/2	dcb7acc638ac	---
35	WNF-CON2-32	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	11'	B5	NF-SW300	ONF-SW300-175	cnqdkv401s	4/0/12	dcb7acc635d4	---
36	WNF-CON2-33	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	11'	B5	NF-SW300	ONF-SW300-182	cnqdkv407p	4/0/26	dcb7acc632c2	---
37	WNF-CON2-34	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	11'	B5	NF-SW300	ONF-SW300-183	cnqdkv407d	4/0/28	dcb7acc63186	---
38	WNF-CON2-35	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	11'	B5	NF-SW300	ONF-SW300-190	cnqdkv4078	5/0/8	dcb7acc630a4	---
39	WNF-CON2-36	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	12'	B1	NF-SWMEZ3	ONF-SWMEZ3-80	cnqdkv406w	3/0/17	dcb7acc6329c	---
40	WNF-CON2-37	AP-575	OMNI	AP-270-MNT-V1	---	---	12'	B4	NF-SWMEZ3	ONF-SWMEZ3-100	CNPRKV306S	3/0/7	6cc49fcfd666	---
41	WNF-CON2-38	AP-575	OMNI	AP-270-MNT-V1	---	---	12'	B4	NF-SWMEZ3	ONF-SWMEZ3-101	CNPSKV31CS	3/0/9	6cc49fcfef10	---
42	WNF-CON2-39	AP-635	OMNI	AP-MNT-B	---	---	CEILING	A1	NF-SWMEZ3	ONF-NWMEZ3-107	PHQDKYJBCQ	3/0/11	8c7909cec5ed	---
43	WNF-CON2-40	AP-635	OMNI	AP-MNT-B	---	---	CEILING	A1	NF-SWMEZ3	ONF-SWMEZ3-104	PHQDKYJBB6	3/0/15	8c7909ce9aee	---
44	WNF-CON2-41	AP-575	OMNI	AP-270-MNT-V1	---	---	12'	B4	NF-SWMEZ3	ONF-SWMEZ3-105	CNPRKV30HJ	3/0/19	6cc49fcfdcb0	---
45	WNF-CON2-42	AP-575	OMNI	AP-270-MNT-V1	---	---	12'	B4	NF-SWMEZ3	ONF-SWMEZ3-100	CNPRKV30H3	3/0/13	6cc49fcfdce4	---
46	WNF-CON2-43	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	12'	B1	NF-NWMEZ3	ONF-NWMEZ3-136	cnqdkv407b	3/0/32	dcb7acc63652	---
47	WNF-CON2-44	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	9'	B6	NF-NWMEZ3	ONF-NWMEZ3-137	CNQDKV40B8	3/0/34	dcb7acc62ea6	---
48	WNF-CON2-45	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	9'	B6	NF-NWMEZ3	ONF-NWMEZ3-138	CNQDKV40BB	3/0/36	dcb7acc632fc	---
49	WNF-NWRA2-01	AP-575	OMNI	AP-270-MNT-V1	---	---	14'	B4	NF-NWMEZ3	ONF-NWMEZ3-143	CNPRKV307S	3/0/46	6cc49fcfd50a	---
50	WNF-CON2-46	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	9'	B6	NF-NWMEZ3	ONF-NWMEZ3-139	CNN3KV427Y	3/0/38	cc88c7cf8e28	---
51	WNF-CON2-47	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	9'	B6	NF-NWMEZ3	ONF-NWMEZ3-140	cnqdkv4072	3/0/40	dcb7acc6366e	---
52	WNF-NWRA2-02	AP-575	OMNI	AP-270-MNT-V1	---	---	10'	B4	NF-NWMEZ3	ONF-NWMEZ3-143	CNPSKV31D1	3/0/44	6cc49fcff0f2	---
53	WNF-CON2-48	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	9'	B6	NF-NE300	ONF-NE300-169	cnqdkv406v	4/0/2	dcb7acc63254	---
54	WNF-CON2-49	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	9'	B6	NF-NE300	ONF-NE300-168	cnqdkv406q	4/0/47	dcb7acc63908	---
55	WNF-CON2-50	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	9'	B6	NF-NE300	ONF-NE300-167	cnqdkv406j	4/0/45	dcb7acc62fe2	---

CONCOURSE LEVEL 2 ACCESS POINT SCHEDULE

SCALE: N.T.S.

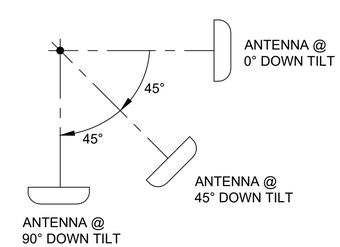
NOTES:

1. -

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

DOWN TILT DEFINITION

CEILING/ROOF



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REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
2	11/07/24	AS-BUILT	JPP	BML	KMW
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UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
ACCESS POINT SCHEDULE
CONCOURSE LEVEL 2

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-205
APPROVAL: K. WRIGHT	REV. 2

No.	AP Name	AP Model	AP Type	AP Bracket	Antenna Model	Antenna Downtilt	Elevation	Installation Detail	SER	Cable Label	SN	Switch/Port	MAC	Stealthing
1	WNF-CON3-01	AP-575	OMNI	AP-270-MNT-V1	---	---	12'	B4	NF-NE300	ONF-NE300-129	CNPRKV30S3	3/0/18	6cc49fcfd636	---
2	WNF-CON3-02	AP-575	OMNI	AP-270-MNT-V1	---	---	12'	B5	NF-NE300	ONF-NE300-58	CNPRKV30RB	2/0/19	6cc49fcfdd4e	---
3	WNF-CON3-03	AP-575	OMNI	AP-270-MNT-V1	---	---	12'	B5	NF-NE300	ONF-NE300-59	CNPRKV306Q	2/0/21	6cc49fcfd48c	---
4	WNF-CON3-04	AP-575	OMNI	AP-270-MNT-V1	---	---	12'	B5	NF-NE300	ONF-NE300-62	CNPRKV30HN	2/0/29	6cc49fcfdc16	---
5	WNF-CON3-05	AP-575	OMNI	AP-270-MNT-V1	---	---	12'	B5	NF-NE300	ONF-NE300-71	CNPRKV30S1	2/0/45	6cc49fcfd720	---
6	WNF-CON3-06	AP-575	OMNI	AP-270-MNT-V1	---	---	12'	B5	NF-EA300	ONF-EA300-161	CNPRKV307B	3/0/33	6cc49fcfdb8a	---
7	WNF-CON3-07	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	10'	B1	NF-EA300	ONF-EA300-162	CNQDKV4070	3/0/35	dcb7acc6378e	---
8	WNF-CON3-08	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	12'	B3	NF-EA300	ONF-EA300-85	CNQDKV4079	1/0/26	dcb7acc62ff8	---
9	WNF-CON3-09	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	12'	B3	NF-EA300	ONF-EA300-84	CNQDKV407Z	1/0/24	dcb7acc6371c	---
10	WNF-CON3-10	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	12'	B3	NF-EA300	ONF-EA300-83	CNQDKV406Y	1/0/22	dcb7acc6342c	---
11	WNF-CON3-11	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	12'	B3	NF-EA300	ONF-EA300-81	CNQDKV406M	1/0/18	dcb7acc6354c	---
12	WNF-CON3-12	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	12'	B3	NF-EA300	ONF-EA300-80	CNQDKV406R	1/0/16	dcb7acc637ba	---
13	WNF-CON3-13	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	12'	B3	NF-EA300	ONF-EA300-79	CNQDKV4075	1/0/14	cc88c7cf7e6e	---
14	WNF-CON3-14	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	12'	B3	NF-EA300	ONF-EA300-78	CNQDKV4074	1/0/12	cc88c7cec4ea	---
15	WNF-CON3-15	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	45°	12'	B3	NF-SE300	ONF-SE300-79	CNQDKV40C4	2/0/14	dcb7acc6382a	---
16	WNF-CON3-16	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	45°	12'	B3	NF-SE300	ONF-SE300-80	CNQDKV40BP	2/0/16	dcb7acc63774	---
17	WNF-CON3-17	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	45°	12'	B3	NF-SE300	ONF-SE300-83	CNQDKV40CF	2/0/22	dcb7acc62ebe	---
18	WNF-S318-01	AP-635	OMNI	AP-MNT-D	---	---	CEILING	A2	NF-SE300	ONF-SE300-84	PHQDKYJBCL	2/0/24	8c7909cea937	---
19	WNF-CON3-18	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	45°	12'	B3	NF-SE300	ONF-SE300-85	CNQDKV40NN	2/0/26	dcb7acc62e86	---
20	WNF-CON3-19	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	45°	12'	B3	NF-SE300	ONF-SE300-88	CNQDKV4064	2/0/32	dcb7acc63042	---
21	WNF-CON3-20	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	45°	12'	B3	NF-SE300	ONF-SE300-91	CNQDKV4063	2/0/36	dcb7acc6377c	---
22	WNF-CON3-21	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	45°	12'	B3	NF-SE300	ONF-SE300-92	CNQDKV4062	2/0/8	dcb7acc633ec	---
23	WNF-CON3-22	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	45°	12'	B3	NF-SW300	ONF-SW300-54	CNQDKV406B	2/0/11	dcb7acc62f64	---
24	WNF-CON3-23	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	45°	12'	B3	NF-SW300	ONF-SW300-53	CNQDKV406H	2/0/9	dcb7acc633f2	---
25	WNF-CON3-24	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	45°	12'	B3	NF-SW300	ONF-SW300-55	CNQDKV406S	2/0/13	dcb7acc63958	---
26	WNF-CON3-25	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	45°	12'	B3	NF-SW300	ONF-SW300-57	CNQDKV407S	2/0/17	dcb7acc63418	---
27	WNF-CON3-26	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	45°	12'	B3	NF-SW300	ONF-SW300-59	CNQDKV407Q	2/0/21	dcb7acc6372a	---
28	WNF-S343-01	AP-635	OMNI	AP-MNT-D	---	---	CEILING	A2	NF-SW300	ONF-SW300-62	PHQDKYJBC9	5/0/35	8c7909cea59b	---
29	WNF-CON3-27	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	45°	12'	B3	NF-SW300	ONF-SW300-61	CNQDKV4082	2/0/25	dcb7acc636c2	---
30	WNF-CON3-28	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	45°	10'	B1	NF-SW300	ONF-SW300-62	CNQDKV407C	2/0/27	dcb7acc6311c	---
31	WNF-WTCL-01	AP-635	OMNI	AP-MNT-D	---	---	CEILING	A2	NF-SWMEZ3	ONF-SWMEZ3-8	PHQDKYJBBS	1/0/20	8c7909cebe9a	---
32	WNF-WTCL-02	AP-635	OMNI	AP-MNT-B	---	---	CEILING	A1	NF-SWMEZ3	ONF-SWMEZ3-35	PHQDKYJBBL	1/0/22	8c7909ce96b0	---
33	WNF-WTCL-03	AP-635	OMNI	AP-MNT-D	---	---	CEILING	A2	NF-SWMEZ3	ONF-SWMEZ3-29	PHQDKYJB82	1/0/10	8c7909ceb972	---
34	WNF-WTCL-04	AP-635	OMNI	AP-MNT-D	---	---	CEILING	A2	NF-NWMEZ3	ONF-NWMEZ3-25	PHQDKYJB5H	1/0/2	8c7909cec491	---
35	WNF-WTCL-05	AP-635	OMNI	AP-MNT-B	---	---	CEILING	A1	NF-SWMEZ3	ONF-SWMEZ3-8	PHQDKYJBD8	1/0/17	8c7909cecd0d	---
36	WNF-WTCL-06	AP-635	OMNI	AP-MNT-D	---	---	CEILING	A2	NF-SWMEZ3	ONF-SWMEZ3-12	PHQDKYJBCN	1/0/23	8c7909ceb3c9	---
37	WNF-WTCL-07	AP-635	OMNI	AP-MNT-D	---	---	CEILING	A2	NF-SWMEZ3	ONF-SWMEZ3-10	PHQDKYJB9K	1/0/19	8c7909cec524	---
38	WNF-WTCL-08	AP-635	OMNI	AP-MNT-D	---	---	CEILING	A2	NF-NWMEZ3	ONF-NWMEZ3-27	PHQDKYJBCT	1/0/6	8c7909cecd55	---
39	WNF-WTCL-09	AP-635	OMNI	AP-MNT-B	---	---	CEILING	A1	NF-NWMEZ3	ONF-NWMEZ3-29	PHQDKYJBBN	1/0/10	8c7909cecc2c	---
40	WNF-WTCL-10	AP-635	OMNI	AP-MNT-D	---	---	CEILING	A2	NF-NWMEZ3	ONF-NWMEZ3-31	PHQDKYJBBD	1/0/14	8c7909ceca10	---
41	WNF-CON3-29	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	45°	10'	B1	NF-NWMEZ3	ONF-NWMEZ3-104	CNN3KV425S	3/0/15	cc88c7cf8a3c	---
42	WNF-CON3-30	AP-575	OMNI	AP-270-MNT-V1	---	---	12'	B5	NF-NWMEZ3	ONF-NWMEZ3-103	CNPRKV30H9	3/0/13	6cc49fcfd8fc	---
43	WNF-CON3-31	AP-575	OMNI	AP-270-MNT-V1	---	---	12'	B5	NF-NWMEZ3	ONF-NWMEZ3-93	CNPRKV30HL	2/0/42	6cc49fcfd6c2	---
44	WNF-CON3-32	AP-575	OMNI	AP-270-MNT-V1	---	---	12'	B5	NF-NWMEZ3	ONF-NWMEZ3-84	CNPRKV307G	2/0/24	6cc49fcfd92e	---
45	WNF-N362-01	AP-635	OMNI	AP-MNT-D	---	---	8'	A7	NF-NE300	ONF-NE300-124	PHQDKYJBB0	3/0/8	8c7909cea3f4	---
46	WNF-CON3-33	AP-575	OMNI	AP-270-MNT-V1	---	---	12'	B5	NF-NE300	ONF-NE300-125	CNPRKV30RL	3/0/10	6cc49fcfdc20	---
47	WNF-CON3-34	AP-575	OMNI	AP-270-MNT-V1	---	---	12'	B5	NF-NE300	ONF-NE300-127	CNPRKV30QX	3/0/14	6cc49fcfd910	---
48	WNF-CON3-35	AP-575	OMNI	AP-270-MNT-V1	---	---	12'	B4	NF-NE300	ONF-NE300-128	CNPRKV307M	3/0/16	6cc49fcfd45e	---
49	WNF-ERA3-01	AP-575	OMNI	AP-270-MNT-V1	---	---	8'	B5	NF-EA300	ONF-EA300-82	CNPSKV31CM	1/0/20	6cc49fcfeb82	---
50	WNF-UND-01	AP-575	OMNI	AP-270-MNT-H2	---	---	CEILING	B7	NF-NE300	ONF-310065	CNPRKV30RV	4/0/44	6cc49fcfd65a	---
51	WNF-UND-02	AP-577	OMNI	AP-270-MNT-H3	---	45°	9'	B1	NF-NE300	ONF-310004	CNQDKV4074	4/0/38	dcb7acc634a4	---
52	WNF-UND-03	AP-577	OMNI	AP-270-MNT-H3	---	45°	9'	B1	NF-NE300	ONF-310072	CNQDKV4075	4/0/46	dcb7acc6355c	---
53	WNF-UND-04	AP-575	OMNI	AP-270-MNT-H2	---	---	CEILING	B7	NF-NE300	ONF-310063	CNPRKV30S8	4/0/42	6cc49fcfd480	---

CONCOURSE LEVEL 3 ACCESS POINT SCHEDULE

SCALE: N.T.S.

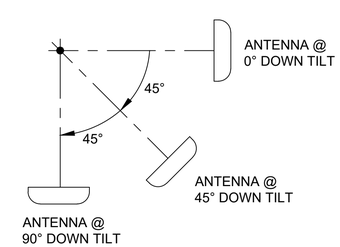
NOTES:

1. -

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

DOWN TILT DEFINITION

CEILING/ROOF



FLOOR

EQUIPMENT MANUFACTURER

aruba
a Hewlett Packard Enterprise company

CLIENT

THE UNIVERSITY OF TENNESSEE KNOXVILLE

REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
2	11/07/24	AS-BUILT	JPP	BML	KMW
0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BLM	KMW
A	05/02/23	ISSUED FOR APPROVAL	LTT	BLM	KMW

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UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
ACCESS POINT SCHEDULE
CONCOURSE LEVEL 3

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-206 — REV. 2
APPROVAL: K. WRIGHT	

No.	AP Name	AP Model	AP Type	AP Bracket	Antenna Model	Antenna Downtilt	Elevation	Installation Detail	SER	Cable Label	SN	Switch/Port	MAC	Stealthing
1	WNF-W400-01	AP-635	Omni	AP-MNT-D	---	---	CEILING	A3	NF-SWMEZ3	ONF-SWMEZ3-54	PHPZKYJ4DT	2/0/7	54d7e3c26afa	WHITE COVER
2	WNF-W400-02	AP-635	Omni	AP-MNT-D	---	---	WALL	A6	NF-SWMEZ3	ONF-SWMEZ3-56	PHPZKYJ4DH	2/0/11	54d7e3c251d7	BLACK COVER
3	WNF-W400-03	AP-635	Omni	AP-MNT-D	---	---	WALL	A6	NF-SWMEZ3	ONF-SWMEZ3-57	PHPZKYJ4DF	3/0/25	54d7e3c270e8	BLACK COVER
4	WNF-W400-04	AP-635	Omni	AP-MNT-D	---	---	WALL	A6	NF-SWMEZ3	ONF-SWMEZ3-60	PHPZKYJ2VC	3/0/23	54d7e3c267f7	BLACK COVER
5	WNF-W400-05	AP-635	Omni	AP-MNT-D	---	---	CEILING	A3	NF-SWMEZ3	ONF-SWMEZ3-62	PHPZKYJ2GM	3/0/27	54d7e3c25f93	WHITE COVER
6	WNF-W400-06	AP-635	Omni	AP-MNT-D	---	---	CEILING	A3	NF-SWMEZ3	ONF-SWMEZ3-64	PHPZKYJ2FY	2/0/27	54d7e3c26d10	WHITE COVER
7	WNF-W400-07	AP-635	Omni	AP-MNT-D	---	---	WALL	A6	NF-SWMEZ3	ONF-SWMEZ3-65	PHPZKYJ49H	2/0/31	54d7e3c26254	BLACK COVER
8	WNF-W400-08	AP-635	Omni	AP-MNT-D	---	---	CEILING	A3	NF-SWMEZ3	ONF-SWMEZ3-68	PHPZKYJ2JH	2/0/35	54d7e3c261ac	WHITE COVER
9	WNF-W400-09	AP-635	Omni	AP-MNT-D	---	---	CEILING	A3	NF-SWMEZ3	ONF-SWMEZ3-70	PHPZKYJ2JL	2/0/39	54d7e3c24922	WHITE COVER
10	WNF-W400-10	AP-635	Omni	AP-MNT-D	---	---	WALL	A6	NF-SWMEZ3	ONF-SWMEZ3-72	PHPZKYJ2Z9	2/0/47	54d7e3c25cfc	BLACK COVER
11	WNF-W400-11	AP-635	Omni	AP-MNT-D	---	---	WALL	A6	NF-SWMEZ3	ONF-SWMEZ3-74	PHPZKYJ309	2/0/2	54d7e3c26fd1	BLACK COVER
12	WNF-W400-12	AP-635	Omni	AP-MNT-D	---	---	WALL	A6	NF-SWMEZ3	ONF-SWMEZ3-76	PHPZKYJ2JM	2/0/10	54d7e3c24586	BLACK COVER
13	WNF-W400-13	AP-635	Omni	AP-MNT-D	---	---	CEILING	A3	NF-SWMEZ3	ONF-SWMEZ3-78	PHPZKYJ2WN	2/0/8	54d7e3c26b9f	---
14	WNF-W401-01	AP-518	Omni	N/A	ANT-22	---	UNDERSEAT	D7	NF-SWMEZ3	ONF-SWMEZ3-99	CNQ5KV11Z9	3/0/5	dcb7acc5c888	ENCLOSURE
15	WNF-W402B-01	AP-518	Omni	N/A	ANT-22	---	UNDERSEAT	D8	NF-SWMEZ3	ONF-SWMEZ3-18	CNQ5KV1181	1/0/35	dcb7acc5c5e4	ENCLOSURE
16	WNF-W402B-02	AP-518	Omni	N/A	ANT-22	---	UNDERSEAT	D9	NF-SWMEZ3	ONF-SWMEZ3-17	CNQ5KV116N	1/0/33	dcb7acc5c898	ENCLOSURE
17	WNF-W403B-01	AP-518	Omni	N/A	ANT-22	---	UNDERSEAT	D7	NF-SWMEZ3	ONF-SWMEZ3-16	CNQ5KV1183	1/0/31	dcb7acc5c566	ENCLOSURE
18	WNF-W404C-01	AP-518	Omni	N/A	ANT-22	---	UNDERSEAT	D8	NF-SWMEZ3	ONF-SWMEZ3-15	CNQ5KV1172	1/0/29	dcb7acc5c8b2	ENCLOSURE
19	WNF-W404C-02	AP-518	Omni	N/A	ANT-22	---	UNDERSEAT	D9	NF-SWMEZ3	ONF-SWMEZ3-14	CNQ5KV116V	1/0/27	dcb7acc5c494	ENCLOSURE
20	WNF-W405C-01	AP-518	Omni	N/A	ANT-22	---	UNDERSEAT	D8	NF-SWMEZ3	ONF-SWMEZ3-13	CNQ5KV1174	1/0/25	dcb7acc5c6ec	ENCLOSURE
21	WNF-W405C-02	AP-518	Omni	N/A	ANT-22	---	UNDERSEAT	D9	NF-NWMEZ3	ONF-NWMEZ3-19	CNQ5KV1171	1/0/37	dcb7acc5c1b6	ENCLOSURE
22	WNF-W406C-01	AP-518	Omni	N/A	ANT-22	---	UNDERSEAT	D8	NF-NWMEZ3	ONF-NWMEZ3-18	CNQ5KV117R	1/0/35	dcb7acc5c9da	ENCLOSURE
23	WNF-W406C-02	AP-518	Omni	N/A	ANT-22	---	UNDERSEAT	D9	NF-NWMEZ3	ONF-NWMEZ3-17	CNQ5KV1168	1/0/33	dcb7acc5c036	ENCLOSURE
24	WNF-W407B-01	AP-518	Omni	N/A	ANT-22	---	UNDERSEAT	D7	NF-NWMEZ3	ONF-NWMEZ3-16	CNQ5KV1167	1/0/31	dcb7acc5c780	ENCLOSURE
25	WNF-W408B-01	AP-518	Omni	N/A	ANT-22	---	UNDERSEAT	D8	NF-NWMEZ3	ONF-NWMEZ3-15	CNQ5KV116F	1/0/29	dcb7acc5c47c	ENCLOSURE
26	WNF-W408B-02	AP-518	Omni	N/A	ANT-22	---	UNDERSEAT	D9	NF-NWMEZ3	ONF-NWMEZ3-14	CNQ5KV11NV	1/0/27	dcb7acc5cb18	ENCLOSURE
27	WNF-W408-01	AP-518	Omni	N/A	ANT-22	---	UNDERSEAT	D7	NF-NWMEZ3	ONF-NWMEZ3-13	CNQ5KV116J	1/0/25	dcb7acc5cb0c	ENCLOSURE
28	WNF-W500-01	AP-635	Omni	AP-MNT-B	---	---	CEILING	A1	NF-WE500	ONF-WE5-027A	PHPZKYJ2G8	1/0/1	54d7e3c26266	---
29	WNF-W500-02	AP-635	Omni	AP-MNT-B	---	---	CEILING	A1	NF-WE500	ONF-WE5-028A	PHPZKYJ2VR	1/0/5	54d7e3c242b0	---
30	WNF-W500-03	AP-635	Omni	AP-MNT-B	---	---	CEILING	A1	NF-WE500	ONF-WE5-029A	PHPZKYJ2GC	1/0/9	54d7e3c25a65	---
31	WNF-W500-04	AP-635	Omni	AP-MNT-B	---	---	CEILING	A1	NF-WE500	ONF-WE5-030A	PHPZKYJ4CP	1/0/13	54d7e3c2650c	---
32	WNF-W500-05	AP-635	Omni	AP-MNT-B	---	---	CEILING	A1	NF-WE500	ONF-WE5-031A	PHPZKYJ30T	1/0/17	54d7e3c2660e	---
33	WNF-W500-06	AP-635	Omni	AP-MNT-B	---	---	CEILING	A1	NF-WE500	ONF-WE5-032A	PHPZKYJ2W4	1/0/21	54d7e3c2646a	---
34	WNF-W500-07	AP-635	Omni	AP-MNT-B	---	---	CEILING	A1	NF-WE500	ONF-WE5-033A	PHPZKYJ2Y7	1/0/25	54d7e3c247cf	---
35	WNF-W500-08	AP-635	Omni	AP-MNT-D	---	---	ANGLED CEILING	A4	NF-WE500	ONF-WE5-034A	PHPZKYJ2GJ	1/0/29	54d7e3c26473	---
36	WNF-W500-09	AP-635	Omni	AP-MNT-B	---	---	CEILING	A1	NF-WE500	ONF-WE5-035A	PHPZKYJ2VL	1/0/33	54d7e3c24dc3	---
37	WNF-W500-10	AP-635	Omni	AP-MNT-D	---	---	ANGLED CEILING	A4	NF-WE500	ONF-WE5-036A	PHPZKYJ4DY	1/0/37	54d7e3c24ef5	---
38	WNF-W500-11	AP-635	Omni	AP-MNT-D	---	---	ANGLED CEILING	A4	NF-WE500	ONF-WE5-037A	PHPZKYJ1W8	1/0/41	54d7e3c24d1e	---
39	WNF-W500-12	AP-635	Omni	AP-MNT-B	---	---	CEILING	A1	NF-WE500	ONF-WE5-038A	PHPZKYJ4DQ	1/0/45	54d7e3c25567	---
40	WNF-W500-13	AP-635	Omni	AP-MNT-D	---	---	ANGLED CEILING	A4	NF-WE500	ONF-WE5-039A	PHPZKYJ2ZB	1/0/3	54d7e3c273e5	---
41	WNF-W500-14	AP-635	Omni	AP-MNT-D	---	---	ANGLED CEILING	A4	NF-WE500	ONF-WE5-040A	PHPZKYJ498	1/0/7	54d7e3c268f3	---
42	WNF-W500-15	AP-635	Omni	AP-MNT-B	---	---	CEILING	A1	NF-WE500	ONF-WE5-041A	PHPZKYJ2Y8	1/0/11	54d7e3c244a8	---
43	WNF-W500-16	AP-635	Omni	AP-MNT-D	---	---	ANGLED CEILING	A4	NF-WE500	ONF-WE5-042A	PHPZKYJ2WD	1/0/15	54d7e3c253db	---
44	WNF-W501-01	AP-635	Omni	AP-MNT-B	---	---	CEILING	A1	NF-WE500	ONF-WE5-043A	PHPZKYJ2RY	1/0/19	54d7e3c25561	---
45	WNF-W503-01	AP-635	Omni	AP-MNT-B	---	---	CEILING	A1	NF-WE500	ONF-WE5-044A	PHPZKYJ2FN	1/0/23	54d7e3c256f0	---
46	WNF-W505-01	AP-635	Omni	AP-MNT-B	---	---	CEILING	A1	NF-WE500	ONF-WE5-045A	PHPZKYJ2FM	1/0/27	54d7e3c24c28	---
47	WNF-W507-01	AP-635	Omni	AP-MNT-B	---	---	CEILING	A1	NF-WE500	ONF-WE5-046A	PHPZKYJ31W	1/0/31	54d7e3c25d95	---
48	WNF-W510-01	AP-635	Omni	AP-MNT-B	---	---	CEILING	A1	NF-WE500	ONF-WE5-047A	PHPZKYJ2FW	1/0/35	54d7e3c24bad	---
49	WNF-W513-01	AP-635	Omni	AP-MNT-B	---	---	CEILING	A1	NF-WE500	ONF-WE5-048A	PHPZKYJ2FQ	1/0/39	54d7e3c25dd1	---
50	WNF-W515-01	AP-635	Omni	AP-MNT-B	---	---	CEILING	A1	NF-WE500	ONF-WE5-049A	PHPZKYJ2FL	1/0/43	54d7e3c26218	---
51	WNF-W516-01	AP-635	Omni	AP-MNT-B	---	---	CEILING	A1	NF-WE500	ONF-WE5-050A	PHPZKYJ2FR	1/0/47	54d7e3c26191	---
52	WNF-W600-01	AP-635	Omni	AP-MNT-D	---	---	CEILING	A3	NF-WE500	ONF-WE5-051A	PHPZKYJ2JN	1/0/2	54d7e3c25fab	---
53	WNF-W600-02	AP-635	Omni	AP-MNT-D	---	---	CEILING	A3	NF-WE500	ONF-WE5-052A	PHPZKYJ2JC	1/0/6	54d7e3c24ee0	---
54	WNF-W600-03	AP-635	Omni	AP-MNT-D	---	---	CEILING	A3	NF-WE500	ONF-WE5-053A	PHPZKYJ315	1/0/10	54d7e3c24c34	---
55	WNF-W600-04	AP-635	Omni	AP-MNT-D	---	---	CEILING	A3	NF-WE500	ONF-WE5-054A	PHPZKYJ2ZN	1/0/14	54d7e3c24bc2	---
56	WNF-W600-05	AP-635	Omni	AP-MNT-D	---	---	CEILING	A3	NF-WE500	ONF-WE5-055A	PHPZKYJ2G1	1/0/18	54d7e3c265b7	---
57	WNF-W600-06	AP-635	Omni	AP-MNT-D	---	---	CEILING	A3	NF-WE500	ONF-WE5-056A	PHPZKYJ2WB	1/0/22	54d7e3c24b3b	---
58	WNF-W600-07	AP-635	Omni	AP-MNT-D	---	---	CEILING	A3	NF-WE500	ONF-WE5-057A	PHPZKYJ2TS	1/0/26	54d7e3c24aab	---

WEST SKYBOX & MEZZANINE ACCESS POINT SCHEDULE

SCALE: N.T.S.

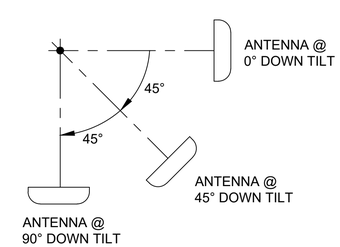
NOTES:

1. -

AS-BUILT DRAWINGS NOVEMBER 7, 2024

DOWN TILT DEFINITION

CEILING/ROOF



FLOOR

EQUIPMENT MANUFACTURER

aruba
a Hewlett Packard Enterprise company

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THE UNIVERSITY OF TENNESSEE KNOXVILLE

REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
2	11/07/24	AS-BUILT	JPP	BML	KMW
0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BLM	KMW
A	05/02/23	ISSUED FOR APPROVAL	LTT	BLM	KMW

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UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
ACCESS POINT SCHEDULE
WEST SKYBOX & MEZZANINE

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-207
APPROVAL: K. WRIGHT	REV. 2

No.	AP Name	AP Model	AP Type	AP Bracket	Antenna Model	Antenna Downtilt	Elevation	Installation Detail	SER	Cable Label	SN	Switch/Port	MAC	Stealthing
59	WNF-W600-08	AP-635	Omni	AP-MNT-D	---	---	CEILING	A3	NF-WE500	ONF-WE5-058A	PHPZKYJ2WL	1/0/30	54d7e3c26f9e	---
60	WNF-W602-01	AP-635	Omni	AP-MNT-B	---	---	CEILING	A1	NF-WE500	ONF-WE5-059A	PHPZKYJ49Z	1/0/34	54d7e3c25303	---
61	WNF-W604-01	AP-635	Omni	AP-MNT-B	---	---	CEILING	A1	NF-WE500	ONF-WE5-060A	PHPZKYJ2V4	1/0/38	54d7e3c24b29	---
62	WNF-W606-01	AP-635	Omni	AP-MNT-B	---	---	CEILING	A1	NF-WE500	ONF-WE5-061A	PHPZKYJ2VF	1/0/42	54d7e3c2633e	---
63	WNF-W608-01	AP-635	Omni	AP-MNT-D	---	---	CEILING	A3	NF-WE500	ONF-WE5-063A	PHPZKYJ2WW	1/0/4	54d7e3c27193	---
64	WNF-W608-02	AP-635	Omni	AP-MNT-D	---	---	CEILING	A3	NF-WE500	ONF-WE5-064A	PHPZKYJ2TH	1/0/8	54d7e3c24f82	---
65	WNF-W609-01	AP-635	Omni	AP-MNT-D	---	---	CEILING	A3	NF-WE500	ONF-WE5-065A	PHPZKYJ2GL	1/0/12	54d7e3c260a1	---
66	WNF-W609-02	AP-635	Omni	AP-MNT-D	---	---	CEILING	A3	NF-WE500	ONF-WE5-066A	PHPZKYJ2V5	1/0/16	54d7e3c27064	---
67	WNF-W610-01	AP-635	Omni	AP-MNT-D	---	---	CEILING	A3	NF-WE500	ONF-WE5-067A	PHPZKYJ2SP	1/0/20	54d7e3c2426b	---
68	WNF-W610-02	AP-635	Omni	AP-MNT-D	---	---	CEILING	A3	NF-WE500	ONF-WE5-068A	PHPZKYJ2TZ	1/0/24	54d7e3c27142	---
69	WNF-W612-01	AP-635	Omni	AP-MNT-B	---	---	CEILING	A1	NF-WE500	ONF-WE5-069A	PHPZKYJ2WT	1/0/28	54d7e3c273ee	---
70	WNF-W614-01	AP-635	Omni	AP-MNT-B	---	---	CEILING	A1	NF-WE500	ONF-WE5-070A	PHPZKYJ2T4	1/0/32	54d7e3c26a55	---
71	WNF-W616-01	AP-635	Omni	AP-MNT-B	---	---	CEILING	A1	NF-WE500	ONF-WE5-071A	PHPZKYJ2FS	1/0/36	54d7e3c2479c	---
72	WNF-W618-01	AP-635	Omni	AP-MNT-B	---	---	CEILING	A1	NF-WE500	ONF-WE5-072A	PHPZKYJ2TL	1/0/40	54d7e3c27400	---
73	WNF-W700-01	AP-635	Omni	AP-MNT-D	---	---	CEILING	A3	NF-WE500	ONF-WE5-073A	PHPZKYJ4F6	1/0/44	54d7e3c24f76	---
74	WNF-W700-02	AP-635	Omni	AP-MNT-D	---	---	CEILING	A3	NF-WE500	ONF-WE5-074A	PHPZKYJ2TN	1/0/48	54d7e3c25c0f	---
75	WNF-W700-03	AP-635	Omni	AP-MNT-D	---	---	CEILING	A3	NF-WE500	ONF-WE5-075A	PHPZKYJ2SS	2/0/1	54d7e3c26c2c	---
76	WNF-W700-04	AP-635	Omni	AP-MNT-D	---	---	CEILING	A3	NF-WE500	ONF-WE5-076A	PHPZKYJ2SK	2/0/3	54d7e3c256e1	---
77	WNF-W700-05	AP-635	Omni	AP-MNT-D	---	---	CEILING	A3	NF-WE500	ONF-WE5-077A	PHPZKYJ4DL	2/0/5	54d7e3c26950	---
78	WNF-W700-06	AP-635	Omni	AP-MNT-D	---	---	CEILING	A3	NF-WE500	ONF-WE5-078A	PHPZKYJ2FJ	2/0/7	54d7e3c27307	---
79	WNF-W700-07	AP-635	Omni	AP-MNT-D	---	---	CEILING	A3	NF-WE500	ONF-WE5-079A	PHPZKYJ2YL	2/0/9	54d7e3c2695f	---
80	WNF-W701-01	AP-635	Omni	AP-MNT-B	---	---	CEILING	A1	NF-WE500	ONF-WE5-080A	PHPZKYJ2ZF	2/0/11	54d7e3c26fb0	---
81	WNF-W703-01	AP-635	Omni	AP-MNT-B	---	---	CEILING	A1	NF-WE500	ONF-WE5-081A	PHPZKYJ4F3	2/0/25	54d7e3c2507e	---
82	WNF-W705-01	AP-635	Omni	AP-MNT-B	---	---	CEILING	A1	NF-WE500	ONF-WE5-082A	PHPZKYJ4F9	2/0/29	54d7e3c260dd	---
83	WNF-W707-01	AP-635	Omni	AP-MNT-B	---	---	CEILING	A1	NF-WE500	ONF-WE5-083A	PHPZKYJ4DR	2/0/33	54d7e3c273d0	---
84	WNF-W709-01	AP-635	Omni	AP-MNT-B	---	---	CEILING	A1	NF-WE500	ONF-WE5-084A	PHPZKYJ2YF	2/0/37	54d7e3c25e91	---
85	WNF-W711-01	AP-635	Omni	AP-MNT-B	---	---	CEILING	A1	NF-WE500	ONF-WE5-085A	PHPZKYJ2SM	2/0/41	54d7e3c2564b	---
86	WNF-W713-01	AP-635	Omni	AP-MNT-B	---	---	CEILING	A1	NF-WE500	ONF-WE5-086A	PHPZKYJ3GM	2/0/45	54d7e3c25927	---
87	WNF-W715-01	AP-635	Omni	AP-MNT-B	---	---	CEILING	A1	NF-WE500	ONF-WE5-087A	PHPZKYJ4BY	2/0/2	54d7e3c26bbd	---
88	WNF-W717-01	AP-635	Omni	AP-MNT-B	---	---	CEILING	A1	NF-WE500	ONF-WE5-088A	PHPZKYJ3GY	2/0/4	54d7e3c24799	---
89	WNF-W719-01	AP-635	Omni	AP-MNT-B	---	---	CEILING	A1	NF-WE500	ONF-WE5-089A	PHPZKYJ4C3	2/0/6	54d7e3c26bc0	---
90	WNF-W721-01	AP-635	Omni	AP-MNT-B	---	---	CEILING	A1	NF-WE500	ONF-WES-090A	PHPZKYJ4B0	2/0/8	54d7e3c26905	---
91	WNF-W723-01	AP-635	Omni	AP-MNT-B	---	---	CEILING	A1	NF-WE500	ONF-WE5-091A	PHPZKYJ412	2/0/10	54d7e3c258e5	---
92	WNF-W725-01	AP-635	Omni	AP-MNT-B	---	---	CEILING	A1	NF-WE500	ONF-WE5-092A	PHPZKYJ3H3	2/0/12	54d7e3c24d4b	---
93	WNF-WMEZ1-01	AP-635	Omni	AP-MNT-D	---	---	CEILING	A3	NF-WMEZ1	ONF-WMEZ1-97	PHPZKYJ48G	3/0/1	54d7e3c26b9c	---
94	WNF-WMEZ1-02	AP-635	Omni	AP-MNT-D	---	---	CEILING	A7	NF-WMEZ1	ONF-WMEZ1-107	PHPZKYJ2XD	3/0/21	54d7e3c24cbe	---
95	WNF-WMEZ1-03	AP-635	Omni	AP-MNT-D	---	---	CEILING	A3	NF-WMEZ1	ONF-WMEZ1-98	PHPZKYJ2W6	3/0/3	54d7e3c24625	---
96	WNF-WMEZ3-01	AP-635	Omni	AP-MNT-D	---	---	CEILING	A2	NF-SWMEZ3	ONF-SWMEZ3-105	PHPZKYJ2WS	3/0/14	54d7e3c242a1	---
97	WNF-WMEZ3-02	AP-635	Omni	AP-MNT-D	---	---	CEILING	A2	NF-NWMEZ3	ONF-NWMEZ3-44	PHPZKYJ326	1/0/40	54d7e3c258ee	---

WEST SKYBOX & MEZZANINE ACCESS POINT SCHEDULE

SCALE: N.T.S.

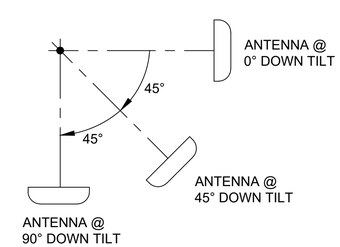
NOTES:

1. -

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

DOWN TILT DEFINITION

CEILING/ROOF



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UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
ACCESS POINT SCHEDULE
WEST SKYBOX & MEZZANINE

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-208
APPROVAL: K. WRIGHT	REV. 2

No.	AP Name	AP Model	AP Type	AP Bracket	Antenna Model	Antenna Downtilt	Elevation	Installation Detail	SER	Cable Label	SN	Switch/Port	MAC	Stealthing
1	WNF-E400-01	AP-635	Omni	AP-MNT-D	---	---	CEILING	A3	NF-EA500	ONF-EA500-400-01A	PHPZKYJ41L	1/0/1	54d7e3c25114	WHITE COVER
2	WNF-E400-02	AP-635	Omni	AP-MNT-D	---	---	WALL	A6	NF-EA500	ONF-EA500-400-02A	PHPZKYJ2GH	1/0/5	54d7e3c25dd4	BLACK COVER
3	WNF-E400-03	AP-635	Omni	AP-MNT-D	---	---	WALL	A6	NF-EA500	ONF-EA500-400-03A	PHPZKYJ43P	1/0/9	54d7e3c2640d	BLACK COVER
4	WNF-E400-04	AP-635	Omni	AP-MNT-D	---	---	WALL	A6	NF-EA500	ONF-EA500-400-04A	PHPZKYJ49Y	1/0/13	54d7e3c262c3	BLACK COVER
5	WNF-E400-05	AP-635	Omni	AP-MNT-D	---	---	WALL	A6	NF-EA500	ONF-EA500-400-05A	PHPZKYJ3B5	1/0/21	54d7e3c25975	BLACK COVER
6	WNF-E400-06	AP-635	Omni	AP-MNT-D	---	---	WALL	A6	NF-EA500	ONF-EA500-400-06A	PHPZKYJ2YJ	1/0/17	54d7e3c253f0	BLACK COVER
7	WNF-E400-07	AP-635	Omni	AP-MNT-D	---	---	WALL	A6	NF-EA500	ONF-EA500-400-07A	PHPZKYJ3XH	1/0/25	54d7e3c26c65	BLACK COVER
8	WNF-E400-08	AP-635	Omni	AP-MNT-D	---	---	WALL	A6	NF-EA500	ONF-EA500-400-08A	PHPZKYJ4DJ	1/0/29	54d7e3c26b39	BLACK COVER
9	WNF-E400-09	AP-635	Omni	AP-MNT-D	---	---	WALL	A6	NF-EA500	ONF-EA500-400-09A	PHPZKYJ43B	1/0/33	54d7e3c27112	BLACK COVER
10	WNF-E400-10	AP-635	Omni	AP-MNT-D	---	---	CEILING	A3	NF-EA500	ONF-EA500-400-10A	PHPZKYJ4DW	1/0/37	54d7e3c24d48	WHITE COVER
11	WNF-E401C-01	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	10°	12'	B1	NF-EA500	ONF-EA500-400-01B	CNQDKV4073	1/0/8	dcb7acc633e8	---
12	WNF-E402C-01	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	10°	12'	B1	NF-EA500	ONF-EA500-400-02B	CNQDKV407R	1/0/7	dcb7acc6384c	---
13	WNF-E403C-01	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	10°	12'	B1	NF-EA500	ONF-EA500-403C-01A	CNQDKV407H	1/0/39	dcb7acc631e6	---
14	WNF-E404C-01	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	10°	12'	B1	NF-EA500	ONF-EA500-404C-01A	CNQDKV407F	1/0/43	dcb7acc63394	---
15	WNF-E404C-02	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	10°	12'	B1	NF-EA500	ONF-EA500-404C-02A	CNQDKV407G	1/0/45	dcb7acc63436	---
16	WNF-E405C-02	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	10°	12'	B1	NF-EA500	ONF-EA500-405C-02A	CNQDKV407J	1/0/47	dcb7acc6309a	---
17	WNF-E406C-02	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	10°	12'	B1	NF-EA500	ONF-EA500-406C-02A	CNQDKV40B7	1/0/4	dcb7acc6395a	---
18	WNF-E407C-01	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	10°	12'	B1	NF-EA500	ONF-EA500-407C-01A	CNQDKV40B9	1/0/3	dcb7acc62f70	---
19	WNF-E500-01	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA500	ONF-EA500-500-01A	phpzkyj438	1/0/20	54d7e3c268fc	---
20	WNF-E500-02	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA500	ONF-EA500-500-02A	phpzkyj2w9	1/0/22	54d7e3c249d6	---
21	WNF-E500-03	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA500	ONF-EA500-500-03A	phpzkyj48q	1/0/26	54d7e3c2500f	---
22	WNF-E500-04	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA500	ONF-EA500-500-04A	phpzkyj2y3	1/0/30	54d7e3c25f5a	---
23	WNF-E500-05	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA500	ONF-EA500-500-05A	phpzkyj4f8	1/0/34	54d7e3c264be	---
24	WNF-E500-06	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA500	ONF-EA500-500-06A	phpzkyj2vb	1/0/38	54d7e3c2429b	---
25	WNF-E500-07	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA500	ONF-EA500-500-07A	phpzkyj4dm	1/0/42	54d7e3c26b66	---
26	WNF-E502-01	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA500	ONF-EA500-502-01A	phpzkyj4f0	1/0/46	54d7e3c25ba0	---
27	WNF-E504-01	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA500	ONF-EA500-504-01A	phpzkyj4dp	1/0/2	54d7e3c2538d	---
28	WNF-E506-01	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA500	ONF-EA500-506-01A	phpzkyj4fc	1/0/6	54d7e3c251b6	---
29	WNF-E508-01	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA500	ONF-EA500-508-01A	phpzkyj43m	1/0/10	54d7e3c243dc	---
30	WNF-E510-01	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA500	ONF-EA500-510-01A	phpzkyj4bp	1/0/14	54d7e3c24d57	---
31	WNF-E512-01	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA500	ONF-EA500-512-01A	phpzkyj40v	1/0/18	54d7e3c243ca	---
32	WNF-E514-01	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA500	ONF-EA500-514-01A	phpzkyj4bl	1/0/24	54d7e3c2675b	---
33	WNF-E516-01	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA500	ONF-EA500-516-01A	phpzkyj3vp	1/0/28	54d7e3c25c60	---
34	WNF-E518-01	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA500	ONF-EA500-518-01A	phpzkyj4b9	1/0/32	54d7e3c245e0	---
35	WNF-E520-01	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA500	ONF-EA500-520-01A	phpzkyj4bc	1/0/36	54d7e3c2700d	---
36	WNF-E522-01	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA500	ONF-EA500-522-01A	phpzkyj42d	1/0/40	54d7e3c2681e	---
37	WNF-E524-01	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA500	ONF-EA500-524-01A	phpzkyj46t	1/0/44	54d7e3c25e7f	---
38	WNF-E526-01	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA500	ONF-EA500-526-01A	phpzkyj2w0	1/0/48	54d7e3c26980	---
39	WNF-E600-01	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA700	ONF-EA700-600-01A	PHPZKYJ2TB	1/0/1	54d7e3c25d65	---
40	WNF-E600-02	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA700	ONF-EA700-600-02A	PHPZKYJ2ZC	1/0/5	54d7e3c266c8	---
41	WNF-E600-03	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA700	ONF-EA700-600-03A	PHPZKYJ2G9	1/0/9	54d7e3c261f4	---
42	WNF-E600-04	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA700	ONF-EA700-600-04A	PHPZKYJ34P	1/0/13	54d7e3c2668f	---
43	WNF-E600-05	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA700	ONF-EA700-600-05A	PHPZKYJ2WH	1/0/17	54d7e3c26c56	---
44	WNF-E600-06	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA700	ONF-EA700-600-06A	PHPZKYJ2FG	1/0/21	54d7e3c270f7	---
45	WNF-E600-07	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA700	ONF-EA700-600-07A	PHPZKYJ2YM	1/0/25	54d7e3c256c3	---
46	WNF-E602-01	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA700	ONF-EA700-602-01A	PHPZKYJ2V7	1/0/31	54d7e3c25363	---
47	WNF-E604-01	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA700	ONF-EA700-604-01A	PHPZKYJ2SX	1/0/34	54d7e3c27049	---
48	WNF-E606-01	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA700	ONF-EA700-606-01A	PHPZKYJ4DX	1/0/37	54d7e3c271db	---
49	WNF-E608-01	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA700	ONF-EA700-608-01A	PHPZKYJ1X7	1/0/40	54d7e3c270dc	---
50	WNF-E610-01	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA700	ONF-EA700-610-01A	PHPZKYJ4DZ	1/0/2	54d7e3c24ff7	---
51	WNF-E612-01	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA700	ONF-EA700-612-01A	PHPZKYJ2WJ	1/0/24	54d7e3c244f9	---
52	WNF-E614-01	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA700	ONF-EA700-614-01A	PHPZKYJ2WV	1/0/10	54d7e3c273be	---
53	WNF-E616-01	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA700	ONF-EA700-616-01A	PHPZKYJ2VK	1/0/6	54d7e3c25c72	---
54	WNF-E618-01	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA700	ONF-EA700-618-01A	PHPZKYJ48P	1/0/18	54d7e3c2575c	---
55	WNF-E620-01	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA700	ONF-EA700-620-01A	PHPZKYJ370	1/0/20	54d7e3c24bb0	---
56	WNF-E622-01	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA700	ONF-EA700-622-01A	PHPZKYJ3YS	1/0/26	54d7e3c26524	---
57	WNF-E624-01	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA700	ONF-EA700-624-01A	PHPZKYJ2J9	1/0/14	54d7e3c25486	---
58	WNF-E626-01	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA700	ONF-EA700-626-01A	PHPZKYJ2GY	1/0/29	54d7e3c24757	---

EAST SKYBOX ACCESS POINT SCHEDULE

SCALE: N.T.S.

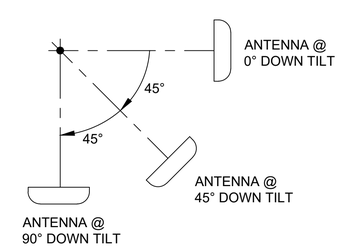
NOTES:

1. -

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

DOWN TILT DEFINITION

CEILING/ROOF



FLOOR

EQUIPMENT MANUFACTURER

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a Hewlett Packard Enterprise company

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THE UNIVERSITY OF TENNESSEE KNOXVILLE

REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
2	11/07/24	AS-BUILT	JPP	BML	KMW
0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BLM	KMW
A	05/02/23	ISSUED FOR APPROVAL	LTT	BLM	KMW

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UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
ACCESS POINT SCHEDULE
EAST SKYBOX

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-209
APPROVAL: K. WRIGHT	REV. 2

No.	AP Name	AP Model	AP Type	AP Bracket	Antenna Model	Antenna Downtilt	Elevation	Installation Detail	SER	Cable Label	SN	Switch/Port	MAC	Stealthing
59	WNF-E700-01	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA700	ONF-EA700-700-01A	PHPZKYJ494	1/0/32	54d7e3c248a4	---
60	WNF-E700-02	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA700	ONF-EA700-700-02A	PHPZKYJ2HK	1/0/35	54d7e3c24949	---
61	WNF-E700-03	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA700	ONF-EA700-700-03A	PHPZKYJ2FK	1/0/38	54d7e3c243d9	---
62	WNF-E700-04	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA700	ONF-EA700-700-04A	PHPZKYJ2FV	1/0/41	54d7e3c26701	---
63	WNF-E700-05	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA700	ONF-EA700-700-05A	PHPZKYJ49C	1/0/3	54d7e3c25018	---
64	WNF-E700-06	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA700	ONF-EA700-700-06A	PHPZKYJ4CX	1/0/7	54d7e3c24d96	---
65	WNF-E700-07	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA700	ONF-EA700-700-07A	PHPZKYJ4F5	1/0/11	54d7e3c24dba	---
66	WNF-E702-01	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA700	ONF-EA700-702-01A	PHPZKYJ4DG	1/0/15	54d7e3c24a66	---
67	WNF-E704-01	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA700	ONF-EA700-704-01A	PHPZKYJ49W	1/0/19	54d7e3c26779	---
68	WNF-E706-01	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA700	ONF-EA700-706-01A	PHPZKYJ2YG	1/0/22	54d7e3c27229	---
69	WNF-E708-01	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA700	ONF-EA700-708-01A	PHPZKYJ2GS	1/0/27	54d7e3c265e4	---
70	WNF-E710-01	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA700	ONF-EA700-710-01A	PHPZKYJ2SW	1/0/30	54d7e3c24eb3	---
71	WNF-E712-01	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA700	ONF-EA700-712-01A	PHPZKYJ2FX	1/0/33	54d7e3c24331	---
72	WNF-E714-01	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA700	ONF-EA700-714-01A	PHPZKYJ4F1	1/0/36	54d7e3c26e90	---
73	WNF-E716-01	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA700	ONF-EA700-716-01A	PHPZKYJ31Y	1/0/39	54d7e3c24ffa	---
74	WNF-E718-01	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA700	ONF-EA700-718-01A	PHPZKYJ2G4	1/0/42	54d7e3c25daa	---
75	WNF-E720-01	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA700	ONF-EA700-720-01A	PHPZKYJ32D	1/0/4	54d7e3c26845	---
76	WNF-E722-01	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA700	ONF-EA700-722-01A	PHPZKYJ30K	1/0/8	54d7e3c26fbc	---
77	WNF-E724-01	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA700	ONF-EA700-724-01A	PHPZKYJ33Z	1/0/12	54d7e3c26287	---
78	WNF-E726-01	AP-635	Omni	AP-MNT-C	---	---	CEILING	A1	NF-EA700	ONF-EA700-726-01A	PHPZKYJ2J1	1/0/16	54d7e3c26ba2	---

EAST SKYBOX ACCESS POINT SCHEDULE

SCALE: N.T.S.

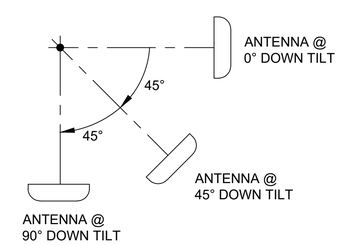
NOTES:

1. -

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

DOWN TILT DEFINITION

CEILING/ROOF



FLOOR

EQUIPMENT MANUFACTURER

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NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
2	11/07/24	AS-BUILT	JPP	BML	KMW
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UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
ACCESS POINT SCHEDULE
EAST SKYBOX

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-210
APPROVAL: K. WRIGHT	REV. 2

No.	AP Name	AP Model	AP Type	AP Bracket	Antenna Model	Antenna Downtilt	Elevation	Installation Detail	SER	Cable Label	SN	Switch/Port	MAC	Stealthing
1	WNF-A-3-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA000	ONF-EA000-1	CNQ5KV10ZP	1/0/1	dcb7acc5c8f8	ENCLOSURE
2	WNF-A-3-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA000	ONF-EA000-2	CNQ5KV10Z5	1/0/3	dcb7acc5cb2a	ENCLOSURE
3	WNF-A-7-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA000	ONF-EA000-3	CNQ5KV10Z2	1/0/7	dcb7acc5c1bc	ENCLOSURE
4	WNF-A-7-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA000	ONF-EA000-4	CNQ5KV1116	1/0/5	dcb7acc5c7fe	ENCLOSURE
5	WNF-A-7-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA000	ONF-EA000-5	CNQ5KV1101	1/0/9	dcb7acc5bf30	ENCLOSURE
6	WNF-A-11-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA000	ONF-EA000-6	CNQ5KV10Z4	1/0/11	dcb7acc5cbda	ENCLOSURE
7	WNF-A-11-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA000	ONF-EA000-7	CNQ5KV10ZF	1/0/13	dcb7acc5c728	ENCLOSURE
8	WNF-A-15-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA000	ONF-EA000-8	CNQ5KV1111	1/0/15	dcb7acc5caca	ENCLOSURE
9	WNF-A-15-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA000	ONF-EA000-9	CNQ5KV1118	1/0/17	dcb7acc5c844	ENCLOSURE
10	WNF-A-15-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA000	ONF-EA000-10	CNQ5KV1117	1/0/19	dcb7acc5c6e8	ENCLOSURE
11	WNF-A-19-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA000	ONF-EA000-11	CNQ5KV111L	1/0/21	dcb7acc5c846	ENCLOSURE
12	WNF-A-19-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA000	ONF-EA000-12	CNQ5KV1113	1/0/23	dcb7acc5c0fe	ENCLOSURE
13	WNF-A-23-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA000	ONF-EA000-13	CNQ5KV10ZL	1/0/25	dcb7acc5c18a	ENCLOSURE
14	WNF-A-23-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA000	ONF-EA000-14	CNQ5KV10ZK	1/0/27	dcb7acc5c3da	ENCLOSURE
15	WNF-A-23-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA000	ONF-EA000-15	CNQ5KV10ZV	1/0/29	dcb7acc5cb9a	ENCLOSURE
16	WNF-A-27-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA000	ONF-EA000-16	CNQ5KV10ZT	2/0/38	dcb7acc5c638	ENCLOSURE
17	WNF-A-27-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA000	ONF-EA000-17	CNQ5KV10ZR	1/0/33	dcb7acc5cbdc	ENCLOSURE
18	WNF-A-31-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-EA000	ONF-EA000-18	CNQ5KV10ZQ	1/0/37	dcb7acc5caba	ENCLOSURE
19	WNF-A-31-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-EA000	ONF-EA000-19	CNQ5KV10XM	1/0/35	dcb7acc5c666	ENCLOSURE
20	WNF-A-35-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-EA000	ONF-EA000-20	CNQ5KV10XR	1/0/39	dcb7acc5ca58	ENCLOSURE
21	WNF-A-35-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-EA000	ONF-EA000-21	CNQ5KV10Y2	1/0/41	dcb7acc5cb00	ENCLOSURE
22	WNF-A-39-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-EA000	ONF-EA000-22	CNQ5KV10Y8	1/0/43	dcb7acc5cbc6	ENCLOSURE
23	WNF-A-39-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA000	ONF-EA000-23	CNQ5KV10XQ	1/0/45	dcb7acc5c506	ENCLOSURE
24	WNF-A-39-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA000	ONF-EA000-24	CNQ5KV10XL	1/0/47	dcb7acc5c798	ENCLOSURE
25	WNF-A-43-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-EA000	ONF-EA000-25	CNQ5KV10YD	1/0/2	dcb7acc5cb8a	ENCLOSURE
26	WNF-A-43-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA000	ONF-EA000-26	CNQ5KV10YQ	1/0/4	dcb7acc5c49a	ENCLOSURE
27	WNF-A-47-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-EA000	ONF-EA000-27	CNQ5KV10YG	1/0/6	dcb7acc5c604	ENCLOSURE
28	WNF-A-47-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA000	ONF-EA000-28	CNQ5KV10YP	1/0/8	dcb7acc5ccd6	ENCLOSURE
29	WNF-A-47-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA000	ONF-EA000-29	CNQ5KV10YB	1/0/10	dcb7acc5c4e6	ENCLOSURE
30	WNF-A-51-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-EA000	ONF-EA000-30	CNQ5KV10YK	1/0/12	dcb7acc5c3a6	ENCLOSURE
31	WNF-A-51-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA000	ONF-EA000-31	CNQ5KV111G	1/0/14	dcb7acc5c89c	ENCLOSURE
32	WNF-A-55-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-EA000	ONF-EA000-32	CNQ5KV111J	1/0/16	dcb7acc5c570	ENCLOSURE
33	WNF-A-55-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA000	ONF-EA000-33	CNQ5KV111C	1/0/18	dcb7acc5c586	ENCLOSURE
34	WNF-A-55-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA000	ONF-EA000-34	CNQ5KV111F	2/0/47	dcb7acc5c4c6	ENCLOSURE
35	WNF-A-59-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-EA000	ONF-EA000-35	CNQ5KV111Z	1/0/22	dcb7acc5c384	ENCLOSURE
36	WNF-A-59-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA000	ONF-EA000-36	CNQ5KV10Y9	1/0/24	dcb7acc5c436	ENCLOSURE
37	WNF-A-63-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-EA000	ONF-EA000-37	CNQ5KV1134	1/0/26	dcb7acc5c590	ENCLOSURE
38	WNF-A-63-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA000	ONF-EA000-38	CNQ5KV1119	1/0/28	dcb7acc5ccda	ENCLOSURE
39	WNF-A-63-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA000	ONF-EA000-39	CNQ5KV110Z	1/0/30	dcb7acc5befc	ENCLOSURE
40	WNF-B-3-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA000	ONF-EA000-40	CNQ5KV1115	1/0/32	dcb7acc5c840	ENCLOSURE
41	WNF-B-3-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA000	ONF-EA000-41	CNQ5KV1112	1/0/34	dcb7acc5c0e0	ENCLOSURE
42	WNF-B-3-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA000	ONF-EA000-42	CNQ5KV111B	1/0/36	dcb7acc5cab8	ENCLOSURE
43	WNF-B-7-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA000	ONF-EA000-43	CNQ5KV10YT	1/0/38	dcb7acc5ca46	ENCLOSURE
44	WNF-B-7-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA000	ONF-EA000-44	CNQ5KV10YF	1/0/40	dcb7acc5c1d2	ENCLOSURE
45	WNF-B-11-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA000	ONF-EA000-45	CNQ5KV111N	1/0/42	dcb7acc5c4ba	ENCLOSURE
46	WNF-B-11-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA000	ONF-EA000-46	CNQ5KV10XY	1/0/44	dcb7acc5cc26	ENCLOSURE
47	WNF-B-11-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA000	ONF-EA000-47	CNQ5KV10XZ	1/0/46	dcb7acc5caaa	ENCLOSURE
48	WNF-B-15-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA000	ONF-EA000-48	CNQ5KV1114	2/0/24	dcb7acc5c9d6	ENCLOSURE
49	WNF-B-15-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA000	ONF-EA000-49	CNQ5KV113V	2/0/1	dcb7acc5c6dc	ENCLOSURE
50	WNF-B-19-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA000	ONF-EA000-50	CNQ5KV113W	2/0/3	dcb7acc5c512	ENCLOSURE
51	WNF-B-19-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA000	ONF-EA000-51	CNQ5KV1108	2/0/5	dcb7acc5c490	ENCLOSURE
52	WNF-B-19-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA000	ONF-EA000-52	CNQ5KV10YN	2/0/7	dcb7acc5c4ca	ENCLOSURE
53	WNF-B-23-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA000	ONF-EA000-53	CNQ5KV10ZZ	2/0/9	dcb7acc5c43e	ENCLOSURE
54	WNF-B-23-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA000	ONF-EA000-54	CNQ5KV10YM	2/0/11	dcb7acc5c3d8	ENCLOSURE
55	WNF-B-27-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA000	ONF-EA000-55	CNQ5KV1107	2/0/13	dcb7acc5c9b8	ENCLOSURE
56	WNF-B-27-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA000	ONF-EA000-56	CNQ5KV113T	2/0/15	dcb7acc5cb50	ENCLOSURE
57	WNF-B-27-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA000	ONF-EA000-57	CNQ5KV110B	2/0/17	dcb7acc5bff0	ENCLOSURE
58	WNF-B-31-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-EA000	ONF-EA000-58	CNQ5KV110J	2/0/19	dcb7acc5c63e	ENCLOSURE

LOWER AND MIDDLE BOWL ACCESS POINT SCHEDULE

SCALE: N.T.S.

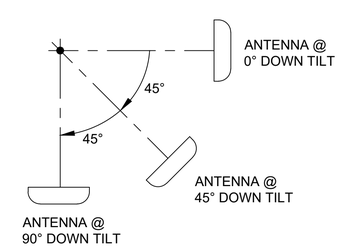
NOTES:

1. -

AS-BUILT DRAWINGS NOVEMBER 7, 2024

DOWN TILT DEFINITION

CEILING/ROOF



FLOOR

EQUIPMENT MANUFACTURER

aruba a Hewlett Packard Enterprise company

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THE UNIVERSITY OF TENNESSEE KNOXVILLE

REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
2	11/07/24	AS-BUILT	JPP	BML	KMW
0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BLM	KMW
A	05/02/23	ISSUED FOR APPROVAL	LTT	BLM	KMW

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UNIVERSITY OF TENNESSEE KNOXVILLE

NEYLAND STADIUM

HD WI-FI NETWORK DESIGN AND IMPLEMENTATION

ACCESS POINT SCHEDULE

LOWER AND MIDDLE BOWL

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-211
APPROVAL: K. WRIGHT	REV. 2

No.	AP Name	AP Model	AP Type	AP Bracket	Antenna Model	Antenna Downtilt	Elevation	Installation Detail	SER	Cable Label	SN	Switch/Port	MAC	Stealthing
59	WNF-B-31-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-EA000	ONF-EA000-59	CNQ5KV10ZX	2/0/22	dcb7acc5cab6	ENCLOSURE
60	WNF-B-35-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-EA000	ONF-EA000-60	CNQ5KV10ZW	2/0/23	dcb7acc5c5c0	ENCLOSURE
61	WNF-B-35-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-EA000	ONF-EA000-61	CNQ5KV1102	2/0/25	dcb7acc5c4d0	ENCLOSURE
62	WNF-B-39-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA000	ONF-EA000-62	CNQ5KV10ZS	2/0/27	dcb7acc5c668	ENCLOSURE
63	WNF-B-39-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA000	ONF-EA000-63	CNQ5KV110R	2/0/29	dcb7acc5cce4	ENCLOSURE
64	WNF-B-43-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA000	ONF-EA000-64	CNQ5KV10Z3	2/0/31	dcb7acc5bf8c	ENCLOSURE
65	WNF-B-43-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA000	ONF-EA000-65	CNQ5KV10ZB	2/0/33	dcb7acc5c10c	ENCLOSURE
66	WNF-B-43-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA000	ONF-EA000-66	CNQ5KV10Z8	2/0/35	dcb7acc5c094	ENCLOSURE
67	WNF-B-47-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA000	ONF-EA000-67	CNQ5KV10XD	2/0/37	dcb7acc5c5e8	ENCLOSURE
68	WNF-B-47-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA000	ONF-EA000-68	CNQ5KV10XF	2/0/39	dcb7acc5c8e2	ENCLOSURE
69	WNF-B-51-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA000	ONF-EA000-69	CNQ5KV10XK	2/0/41	dcb7acc5c496	ENCLOSURE
70	WNF-B-51-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA000	ONF-EA000-70	CNQ5KV10XC	2/0/43	dcb7acc5c16c	ENCLOSURE
71	WNF-B-51-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA000	ONF-EA000-71	CNQ5KV10Y0	2/0/45	dcb7acc5c8fa	ENCLOSURE
72	WNF-B-55-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA000	ONF-EA000-72	CNQ5KV10XT	1/0/20	dcb7acc5c5c4	ENCLOSURE
73	WNF-B-55-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA000	ONF-EA000-73	CNQ5KV10YW	2/0/2	dcb7acc5c67a	ENCLOSURE
74	WNF-B-59-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA000	ONF-EA000-74	CNQ5KV10Y1	2/0/4	dcb7acc5c592	ENCLOSURE
75	WNF-B-59-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA000	ONF-EA000-75	CNQ5KV10Y3	2/0/6	dcb7acc5c99a	ENCLOSURE
76	WNF-B-59-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA000	ONF-EA000-76	CNQ5KV111K	2/0/8	dcb7acc5c2da	ENCLOSURE
77	WNF-B-63-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA000	ONF-EA000-77	CNQ5KV10YL	2/0/10	dcb7acc5cbb6	ENCLOSURE
78	WNF-B-63-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA000	ONF-EA000-78	CNQ5KV10Y4	2/0/12	dcb7acc5cb84	ENCLOSURE
79	WNF-C-3-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA000	ONF-EA000-79	CNQ5KV10YC	2/0/14	dcb7acc5c492	ENCLOSURE
80	WNF-C-3-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA000	ONF-EA000-80	CNQ5KV1131	2/0/16	dcb7acc5c090	ENCLOSURE
81	WNF-C-7-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA000	ONF-EA000-81	CNQ5KV110Y	2/0/18	dcb7acc5bfca	ENCLOSURE
82	WNF-C-7-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA000	ONF-EA000-82	CNQ5KV112L	2/0/20	dcb7acc5c7d0	ENCLOSURE
83	WNF-C-7-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA000	ONF-EA000-83	CNQ5KV110W	2/0/21	dcb7acc5c45e	ENCLOSURE
84	WNF-C-11-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA000	ONF-EA000-84	CNQ5KV110V	1/0/48	dcb7acc5c76a	ENCLOSURE
85	WNF-C-11-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA000	ONF-EA000-85	CNQ5KV110T	2/0/26	dcb7acc5c54e	ENCLOSURE
86	WNF-C-15-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA000	ONF-EA000-86	CNQ5KV10XN	2/0/28	dcb7acc5c238	ENCLOSURE
87	WNF-C-15-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA000	ONF-EA000-87	CNQ5KV10X8	2/0/30	dcb7acc5c5f6	ENCLOSURE
88	WNF-C-15-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA000	ONF-EA000-88	CNQ5KV10XG	2/0/32	dcb7acc5c11a	ENCLOSURE
89	WNF-C-19-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA000	ONF-EA000-89	CNQ5KV10XH	2/0/34	dcb7acc5c554	ENCLOSURE
90	WNF-C-19-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA000	ONF-EA000-90	CNQ5KV10YR	2/0/36	dcb7acc5c7d6	ENCLOSURE
91	WNF-C-23-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA000	ONF-EA000-91	CNQ5KV10XV	1/0/31	dcb7acc5cb36	ENCLOSURE
92	WNF-C-23-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA000	ONF-EA000-92	CNQ5KV10ZM	2/0/42	dcb7acc5c19e	ENCLOSURE
93	WNF-C-23-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA000	ONF-EA000-93	CNQ5KV110S	2/0/40	dcb7acc5c16a	ENCLOSURE
94	WNF-C-27-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA000	ONF-EA000-94	CNQ5KV10ZH	2/0/44	dcb7acc5c126	ENCLOSURE
95	WNF-C-27-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA000	ONF-EA000-95	CNQ5KV10XP	3/0/1	dcb7acc5c5f2	ENCLOSURE
96	WNF-C-31-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-EA000	ONF-EA000-96	CNQ5KV10XJ	3/0/3	dcb7acc5c762	ENCLOSURE
97	WNF-C-31-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-EA000	ONF-EA000-97	CNQ5KV111D	2/0/46	dcb7acc5c648	ENCLOSURE
98	WNF-C-35-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-EA000	ONF-EA000-98	CNQ5KV10ZJ	2/0/48	dcb7acc5c0a2	ENCLOSURE
99	WNF-C-35-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-EA000	ONF-EA000-99	CNQ5KV10Z7	3/0/5	dcb7acc5c94c	ENCLOSURE
100	WNF-C-39-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA000	ONF-EA000-100	CNQ5KV10ZC	3/0/7	dcb7acc5cba4	ENCLOSURE
101	WNF-C-39-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA000	ONF-EA000-101	CNQ5KV10Z6	3/0/9	dcb7acc5c206	ENCLOSURE
102	WNF-C-39-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA000	ONF-EA000-102	CNQ5KV10Z9	3/0/11	dcb7acc5c088	ENCLOSURE
103	WNF-C-43-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA000	ONF-EA000-103	CNQ5KV131W	3/0/13	dcb7acc5ccf8	ENCLOSURE
104	WNF-C-43-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA000	ONF-EA000-104	CNQ5KV131V	3/0/15	dcb7acc5cefe	ENCLOSURE
105	WNF-C-47-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA000	ONF-EA000-105	CNQ5KV131M	3/0/17	dcb7acc5d476	ENCLOSURE
106	WNF-C-47-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA000	ONF-EA000-106	CNQ5KV131L	3/0/19	dcb7acc5d1e6	ENCLOSURE
107	WNF-C-47-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA000	ONF-EA000-107	CNQ5KV132Y	3/0/21	dcb7acc5d3c2	ENCLOSURE
108	WNF-C-51-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA000	ONF-EA000-108	CNQ5KV132P	3/0/23	dcb7acc5d212	ENCLOSURE
109	WNF-C-51-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA000	ONF-EA000-109	CNQ5KV1100	3/0/25	dcb7acc5c6ce	ENCLOSURE
110	WNF-C-55-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA000	ONF-EA000-110	CNQ5KV10YJ	3/0/27	dcb7acc5cb28	ENCLOSURE
111	WNF-C-55-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA000	ONF-EA000-111	CNQ5KV10ZD	3/0/29	dcb7acc5bfa4	ENCLOSURE
112	WNF-C-55-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA000	ONF-EA000-112	CNQ5KV10YS	3/0/31	dcb7acc5c0ea	ENCLOSURE
113	WNF-C-59-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA000	ONF-EA000-113	CNQ5KV111M	3/0/33	dcb7acc5bf4c	ENCLOSURE
114	WNF-C-59-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA000	ONF-EA000-114	CNQ5KV10YX	3/0/35	dcb7acc5c5ee	ENCLOSURE
115	WNF-C-63-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA000	ONF-EA000-115	CNQ5KV10X1	3/0/37	dcb7acc5bf9e	ENCLOSURE
116	WNF-C-63-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA000	ONF-EA000-116	CNQ5KV10WW	3/0/39	dcb7acc5c39e	ENCLOSURE

LOWER AND MIDDLE BOWL ACCESS POINT SCHEDULE

SCALE: N.T.S.

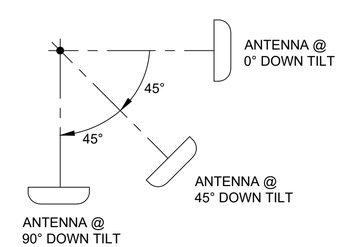
NOTES:

1. -

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

DOWN TILT DEFINITION

CEILING/ROOF



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EQUIPMENT MANUFACTURER

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REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
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UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
ACCESS POINT SCHEDULE
LOWER AND MIDDLE BOWL

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849
DATE: MARCH 1, 2023
DESIGNER: L. TRAN
SCALE: AS NOTED
ENGINEER: B. LEON
DRAWING NO.: TE-23-03849-T-212
REV. 2
APPROVAL: K. WRIGHT

No.	AP Name	AP Model	AP Type	AP Bracket	Antenna Model	Antenna Downtilt	Elevation	Installation Detail	SER	Cable Label	SN	Switch/Port	MAC	Stealthing
117	WNF-C-63-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA000	ONF-EA000-117	CNQ5KV10WF	3/0/41	dcb7acc5c36c	ENCLOSURE
118	WNF-D-3-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA001	ONF-EA001-1	CNQ5KV10XW	1/0/1	dcb7acc5cb46	ENCLOSURE
119	WNF-D-3-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA001	ONF-EA001-2	CNQ5KV10X3	1/0/3	dcb7acc5c6ae	ENCLOSURE
120	WNF-D-3-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA001	ONF-EA001-3	CNQ5KV10WM	1/0/5	dcb7acc5c58e	ENCLOSURE
121	WNF-D-7-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA001	ONF-EA001-4	CNQ5KV1103	1/0/7	dcb7acc5c7f8	ENCLOSURE
122	WNF-D-7-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA001	ONF-EA001-5	CNQ5KV1106	1/0/9	dcb7acc5c2a2	ENCLOSURE
123	WNF-D-11-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA001	ONF-EA001-6	CNQ5KV1104	1/0/11	dcb7acc5c380	ENCLOSURE
124	WNF-D-11-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA001	ONF-EA001-7	CNQ5KV110K	1/0/13	dcb7acc5c64c	ENCLOSURE
125	WNF-D-11-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA001	ONF-EA001-8	CNQ5KV110N	1/0/15	dcb7acc5c41a	ENCLOSURE
126	WNF-D-15-1	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA001	ONF-EA001-9	CNQ5KV1105	1/0/17	dcb7acc5cca0	ENCLOSURE
127	WNF-D-15-2	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA001	ONF-EA001-10	CNQ5KV12YK	1/0/19	dcb7acc5cf24	ENCLOSURE
128	WNF-D-19-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA001	ONF-EA001-11	CNQ5KV12YP	1/0/21	dcb7acc5cfa4	ENCLOSURE
129	WNF-D-19-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA001	ONF-EA001-12	CNQ5KV1316	1/0/23	dcb7acc5cf00	ENCLOSURE
130	WNF-D-19-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA001	ONF-EA001-13	CNQ5KV12YR	1/0/25	dcb7acc5d4d8	ENCLOSURE
131	WNF-D-23-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA001	ONF-EA001-14	CNQ5KV130G	1/0/27	dcb7acc5d526	ENCLOSURE
132	WNF-D-23-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA001	ONF-EA001-15	CNQ5KV131J	1/0/29	dcb7acc5d12a	ENCLOSURE
133	WNF-D-27-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA001	ONF-EA001-16	CNQ5KV12Z4	1/0/31	dcb7acc5ce1e	ENCLOSURE
134	WNF-D-27-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA001	ONF-EA001-17	CNQ5KV12ZP	1/0/33	dcb7acc5d4fc	ENCLOSURE
135	WNF-D-27-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA001	ONF-EA001-18	CNQ5KV1317	1/0/35	dcb7acc5d04a	ENCLOSURE
136	WNF-D-31-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-EA001	ONF-EA001-19	CNQ5KV1337	1/0/37	dcb7acc5cd6e	ENCLOSURE
137	WNF-D-31-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-EA001	ONF-EA001-20	CNQ5KV12ZB	1/0/39	dcb7acc5d176	ENCLOSURE
138	WNF-D-35-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-EA001	ONF-EA001-21	CNQ5KV12Z6	1/0/41	dcb7acc5d1f2	ENCLOSURE
139	WNF-D-35-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-EA001	ONF-EA001-22	CNQ5KV12XH	1/0/43	dcb7acc5cfd0	ENCLOSURE
140	WNF-D-39-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA001	ONF-EA001-23	CNQ5KV12XS	1/0/45	dcb7acc5d54a	ENCLOSURE
141	WNF-D-39-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA001	ONF-EA001-24	CNQ5KV12XJ	1/0/47	dcb7acc5cf62	ENCLOSURE
142	WNF-D-43-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA001	ONF-EA001-25	CNQ5KV12XM	1/0/2	dcb7acc5ce08	ENCLOSURE
143	WNF-D-43-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA001	ONF-EA001-26	CNQ5KV12XR	1/0/4	dcb7acc5cd90	ENCLOSURE
144	WNF-D-43-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA001	ONF-EA001-27	CNQ5KV12XQ	1/0/6	dcb7acc5cffa	ENCLOSURE
145	WNF-D-47-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA001	ONF-EA001-28	CNQ5KV132G	1/0/8	dcb7acc5d1ba	ENCLOSURE
146	WNF-D-47-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA001	ONF-EA001-29	CNQ5KV1334	1/0/10	dcb7acc5d54c	ENCLOSURE
147	WNF-D-51-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA001	ONF-EA001-30	CNQ5KV12ZH	1/0/12	dcb7acc5d286	ENCLOSURE
148	WNF-D-51-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA001	ONF-EA001-31	CNQ5KV12YM	1/0/14	dcb7acc5ccec	ENCLOSURE
149	WNF-D-51-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA001	ONF-EA001-32	CNQ5KV12YX	1/0/16	dcb7acc5d364	ENCLOSURE
150	WNF-D-55-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA001	ONF-EA001-33	CNQ5KV12ZQ	1/0/18	dcb7acc5cec8	ENCLOSURE
151	WNF-D-55-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA001	ONF-EA001-34	CNQ5KV130V	1/0/20	dcb7acc5d218	ENCLOSURE
152	WNF-D-59-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA001	ONF-EA001-35	CNQ5KV130N	1/0/22	dcb7acc5d398	ENCLOSURE
153	WNF-D-59-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA001	ONF-EA001-36	CNQ5KV1322	1/0/30	dcb7acc5d358	ENCLOSURE
154	WNF-D-59-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA001	ONF-EA001-37	CNQ5KV130K	1/0/26	dcb7acc5cdc2	ENCLOSURE
155	WNF-D-63-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA001	ONF-EA001-38	CNQ5KV1315	1/0/24	dcb7acc5d4cc	ENCLOSURE
156	WNF-D-63-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA001	ONF-EA001-39	CNQ5KV130F	1/0/32	dcb7acc5d12e	ENCLOSURE
157	WNF-E-3-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA001	ONF-EA001-40	CNQ5KV1309	1/0/28	dcb7acc5cd3a	ENCLOSURE
158	WNF-E-3-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA001	ONF-EA001-41	CNQ5KV12ZW	1/0/34	dcb7acc5cdf0	ENCLOSURE
159	WNF-E-7-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA001	ONF-EA001-42	CNQ5KV12ZN	1/0/36	dcb7acc5d478	ENCLOSURE
160	WNF-E-7-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA001	ONF-EA001-43	CNQ5KV12ZT	1/0/38	dcb7acc5ce32	ENCLOSURE
161	WNF-E-7-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA001	ONF-EA001-44	CNQ5KV12ZZ	1/0/40	dcb7acc5d2b0	ENCLOSURE
162	WNF-E-11-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA001	ONF-EA001-45	CNQ5KV12YW	1/0/44	dcb7acc5d24a	ENCLOSURE
163	WNF-E-11-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA001	ONF-EA001-46	CNQ5KV113N	1/0/42	dcb7acc5c788	ENCLOSURE
164	WNF-E-15-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA001	ONF-EA001-47	CNQ5KV110X	2/0/1	dcb7acc5c8ba	ENCLOSURE
165	WNF-E-15-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA001	ONF-EA001-48	CNQ5KV110P	1/0/46	dcb7acc5c784	ENCLOSURE
166	WNF-E-15-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA001	ONF-EA001-49	CNQ5KV110Q	1/0/48	dcb7acc5c2f0	ENCLOSURE
167	WNF-E-19-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA001	ONF-EA001-50	CNQ5KV110M	2/0/5	dcb7acc5c8d0	ENCLOSURE
168	WNF-E-19-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA001	ONF-EA001-51	CNQ5KV110L	2/0/3	dcb7acc5c070	ENCLOSURE
169	WNF-E-23-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA001	ONF-EA001-52	CNQ5KV10WR	2/0/7	dcb7acc5c876	ENCLOSURE
170	WNF-E-23-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA001	ONF-EA001-53	CNQ5KV10WZ	2/0/9	dcb7acc5caa4	ENCLOSURE
171	WNF-E-23-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA001	ONF-EA001-54	CNQ5KV10WN	2/0/11	dcb7acc5c95c	ENCLOSURE
172	WNF-E-27-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA001	ONF-EA001-55	CNQ5KV10Y6	3/0/14	dcb7acc5cccc	ENCLOSURE
173	WNF-E-27-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA001	ONF-EA001-56	CNQ5KV10YY	2/0/15	dcb7acc5c076	ENCLOSURE
174	WNF-E-31-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-EA001	ONF-EA001-57	CNQ5KV10WX	2/0/17	dcb7acc5d306	ENCLOSURE

LOWER AND MIDDLE BOWL ACCESS POINT SCHEDULE

SCALE: N.T.S.

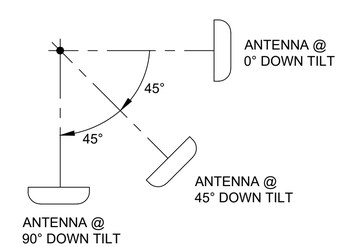
NOTES:

1. -

AS-BUILT DRAWINGS NOVEMBER 7, 2024

DOWN TILT DEFINITION

CEILING/ROOF



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REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
2	11/07/24	AS-BUILT	JPP	BML	KMW
0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BLM	KMW
A	05/02/23	ISSUED FOR APPROVAL	LTT	BLM	KMW

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UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
ACCESS POINT SCHEDULE
LOWER AND MIDDLE BOWL

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849
DATE: MARCH 1, 2023
DESIGNER: L. TRAN
SCALE: AS NOTED
ENGINEER: B. LEON
DRAWING NO.: TE-23-03849-T-213
REV. 2
APPROVAL: K. WRIGHT

No.	AP Name	AP Model	AP Type	AP Bracket	Antenna Model	Antenna Downtilt	Elevation	Installation Detail	SER	Cable Label	SN	Switch/Port	MAC	Stealthing
175	WNF-E-31-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-EA001	ONF-EA001-58	CNQ5KV110H	2/0/19	dcb7acc5bf3c	ENCLOSURE
176	WNF-E-35-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-EA001	ONF-EA001-59	CNQ5KV110F	2/0/21	dcb7acc5c550	ENCLOSURE
177	WNF-E-35-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-EA001	ONF-EA001-60	CNQ5KV110C	2/0/23	dcb7acc5c248	ENCLOSURE
178	WNF-E-39-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA001	ONF-EA001-61	CNQ5KV110G	2/0/25	dcb7acc5caae	ENCLOSURE
179	WNF-E-39-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA001	ONF-EA001-62	CNQ5KV113Q	2/0/27	dcb7acc5c440	ENCLOSURE
180	WNF-E-43-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA001	ONF-EA001-63	CNQ5KV1177	2/0/29	dcb7acc5c3b4	ENCLOSURE
181	WNF-E-43-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA001	ONF-EA001-64	CNQ5KV10W2	2/0/31	dcb7acc5c0dc	ENCLOSURE
182	WNF-E-47-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA001	ONF-EA001-65	CNQ5KV10WS	2/0/33	dcb7acc5c712	ENCLOSURE
183	WNF-E-47-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA001	ONF-EA001-66	CNQ5KV10X4	2/0/35	dcb7acc5c1de	ENCLOSURE
184	WNF-E-51-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA001	ONF-EA001-67	CNQ5KV10VY	2/0/39	dcb7acc5c6e0	ENCLOSURE
185	WNF-E-51-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA001	ONF-EA001-68	CNQ5KV10W5	2/0/37	dcb7acc5cc0a	ENCLOSURE
186	WNF-E-55-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA001	ONF-EA001-69	CNQ5KV10W4	2/0/41	dcb7acc5c7ae	ENCLOSURE
187	WNF-E-55-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA001	ONF-EA001-70	CNQ5KV10W9	2/0/43	dcb7acc5cae0	ENCLOSURE
188	WNF-E-59-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA001	ONF-EA001-71	CNQ5KV10W3	2/0/45	dcb7acc5c0d2	ENCLOSURE
189	WNF-E-59-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA001	ONF-EA001-72	CNQ5KV10W1	2/0/47	dcb7acc5c53c	ENCLOSURE
190	WNF-E-63-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA001	ONF-EA001-73	CNQ5KV10W8	2/0/6	dcb7acc5c2e0	ENCLOSURE
191	WNF-E-63-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA001	ONF-EA001-74	CNQ5KV10WB	2/0/2	dcb7acc5c952	ENCLOSURE
192	WNF-F-3-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA001	ONF-EA001-75	CNQ5KV10X7	2/0/4	dcb7acc5beea	ENCLOSURE
193	WNF-F-3-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA001	ONF-EA001-76	CNQ5KV10Z1	2/0/8	dcb7acc5c800	ENCLOSURE
194	WNF-F-3-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA001	ONF-EA001-77	CNQ5KV10YV	2/0/10	dcb7acc5c948	ENCLOSURE
195	WNF-F-7-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA001	ONF-EA001-78	CNQ5KV10YZ	2/0/12	dcb7acc5c1ba	ENCLOSURE
196	WNF-F-7-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA001	ONF-EA001-79	CNQ5KV10Z0	2/0/14	dcb7acc5c57a	ENCLOSURE
197	WNF-F-11-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA001	ONF-EA001-80	CNQ5KV10ZN	2/0/16	dcb7acc5c1da	ENCLOSURE
198	WNF-F-11-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA001	ONF-EA001-81	CNQ5KV10ZG	2/0/18	dcb7acc5cade	ENCLOSURE
199	WNF-F-11-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA001	ONF-EA001-82	CNQ5KV10X2	2/0/20	dcb7acc5c372	ENCLOSURE
200	WNF-F-15-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA001	ONF-EA001-83	CNQ5KV10WP	2/0/22	dcb7acc5ca06	ENCLOSURE
201	WNF-F-15-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA001	ONF-EA001-84	CNQ5KV10XS	2/0/24	dcb7acc5c416	ENCLOSURE
202	WNF-F-19-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA001	ONF-EA001-85	CNQ5KV10XX	2/0/26	dcb7acc5c0c8	ENCLOSURE
203	WNF-F-19-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA001	ONF-EA001-86	CNQ5KV10WQ	2/0/28	dcb7acc5cbec	ENCLOSURE
204	WNF-F-19-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA001	ONF-EA001-87	CNQ5KV10WY	2/0/30	dcb7acc5c410	ENCLOSURE
205	WNF-F-23-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA001	ONF-EA001-88	CNQ5KV12ZJ	2/0/32	dcb7acc5d0e0	ENCLOSURE
206	WNF-F-23-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA001	ONF-EA001-89	CNQ5KV12Y9	2/0/34	dcb7acc5d41e	ENCLOSURE
207	WNF-F-27-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA001	ONF-EA001-90	CNQ5KV12Y6	2/0/36	dcb7acc5ce94	ENCLOSURE
208	WNF-F-27-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA001	ONF-EA001-91	CNQ5KV1300	2/0/38	dcb7acc5d38e	ENCLOSURE
209	WNF-F-27-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA001	ONF-EA001-92	CNQ5KV12ZM	2/0/40	dcb7acc5d1ce	ENCLOSURE
210	WNF-F-31-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-EA001	ONF-EA001-93	CNQ5KV12ZG	2/0/42	dcb7acc5d3ac	ENCLOSURE
211	WNF-F-31-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-EA001	ONF-EA001-94	CNQ5KV132W	2/0/44	dcb7acc5cd8a	ENCLOSURE
212	WNF-F-35-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-EA001	ONF-EA001-95	CNQ5KV131T	2/0/46	dcb7acc5d41c	ENCLOSURE
213	WNF-F-35-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-EA001	ONF-EA001-96	CNQ5KV1321	2/0/48	dcb7acc5d1fa	ENCLOSURE
214	WNF-F-39-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA001	ONF-EA001-97	CNQ5KV133B	3/0/1	dcb7acc5cf92	ENCLOSURE
215	WNF-F-39-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA001	ONF-EA001-98	CNQ5KV132R	3/0/3	dcb7acc5ccfa	ENCLOSURE
216	WNF-F-39-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-EA001	ONF-EA001-99	CNQ5KV131X	3/0/5	dcb7acc5d3ec	ENCLOSURE
217	WNF-F-43-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA001	ONF-EA001-100	CNQ5KV12YG	3/0/7	dcb7acc5d4ec	ENCLOSURE
218	WNF-F-43-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-EA001	ONF-EA001-101	CNQ5KV1305	3/0/9	dcb7acc5cdd2	ENCLOSURE
219	WNF-F-47-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA001	ONF-EA001-102	CNQ5KV12YJ	3/0/11	dcb7acc5d23e	ENCLOSURE
220	WNF-F-47-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA001	ONF-EA001-103	CNQ5KV12YH	3/0/13	dcb7acc5d0ca	ENCLOSURE
221	WNF-F-47-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-EA001	ONF-EA001-104	CNQ5KV12YF	3/0/15	dcb7acc5ce0a	ENCLOSURE
222	WNF-F-51-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA001	ONF-EA001-105	CNQ5KV1304	3/0/17	dcb7acc5ced2	ENCLOSURE
223	WNF-F-51-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-EA001	ONF-EA001-106	CNQ5KV1324	3/0/19	dcb7acc5cfb8	ENCLOSURE
224	WNF-F-55-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA001	ONF-EA001-107	CNQ5KV131G	3/0/21	dcb7acc5cefa	ENCLOSURE
225	WNF-F-55-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA001	ONF-EA001-108	CNQ5KV1330	3/0/23	dcb7acc66aa2	ENCLOSURE
226	WNF-F-55-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-EA001	ONF-EA001-109	CNQ5KV1326	3/0/25	dcb7acc5cef8	ENCLOSURE
227	WNF-F-59-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA001	ONF-EA001-110	CNQ5KV131F	3/0/27	dcb7acc5d0ec	ENCLOSURE
228	WNF-F-59-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-EA001	ONF-EA001-111	CNQ5KV1339	3/0/29	dcb7acc5d34a	ENCLOSURE
229	WNF-F-63-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA001	ONF-EA001-112	CNQ5KV12ZX	3/0/31	dcb7acc5ce40	ENCLOSURE
230	WNF-F-63-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA001	ONF-EA001-113	CNQ5KV12YY	3/0/33	dcb7acc5d4ae	ENCLOSURE
231	WNF-F-63-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-EA001	ONF-EA001-114	CNQ5KV12Z0	3/0/35	dcb7acc5cf9c	ENCLOSURE
232	WNF-G-3-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE000	ONF-SE000-9	CNQ5KV12Z3	1/0/17	dcb7acc5ce44	ENCLOSURE

LOWER AND MIDDLE BOWL ACCESS POINT SCHEDULE

SCALE: N.T.S.

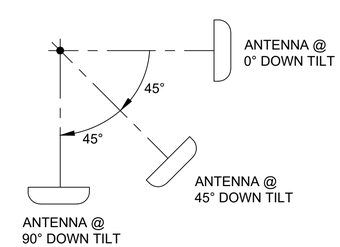
NOTES:

1. -

AS-BUILT DRAWINGS NOVEMBER 7, 2024

DOWN TILT DEFINITION

CEILING/ROOF



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A	05/02/23	ISSUED FOR APPROVAL	LTT	BLM	KMW

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UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
ACCESS POINT SCHEDULE
LOWER AND MIDDLE BOWL

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849
DATE: MARCH 1, 2023
DESIGNER: L. TRAN
SCALE: AS NOTED
ENGINEER: B. LEON
DRAWING NO.: TE-23-03849-T-214
REV. 2
APPROVAL: K. WRIGHT

No.	AP Name	AP Model	AP Type	AP Bracket	Antenna Model	Antenna Downtilt	Elevation	Installation Detail	SER	Cable Label	SN	Switch/Port	MAC	Stealthing
233	WNF-G-7-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE000	ONF-SE000-1	CNQ5KV12Z7	1/0/1	dcb7acc5d260	ENCLOSURE
234	WNF-G-11-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE000	ONF-SE000-2	CNQ5KV12Z1	1/0/3	dcb7acc5d168	ENCLOSURE
235	WNF-G-16-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE000	ONF-SE000-93	CNQ5KV130Q	2/0/42	dcb7acc5cfb2	ENCLOSURE
236	WNF-G-16-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE000	ONF-SE000-22	CNQ5KV130P	1/0/43	dcb7acc5d45a	ENCLOSURE
237	WNF-G-19-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-4	CNQ5KV130B	1/0/7	dcb7acc5ce06	ENCLOSURE
238	WNF-G-19-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-10	CNQ5KV130M	1/0/19	dcb7acc5d0fa	ENCLOSURE
239	WNF-G-23-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE000	ONF-SE000-71	CNQ5KV1312	2/0/45	dcb7acc5cee6	ENCLOSURE
240	WNF-G-23-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE000	ONF-SE000-3	CNQ5KV130Z	1/0/5	dcb7acc5d4c6	ENCLOSURE
241	WNF-G-27-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-20	CNQ5KV132H	1/0/39	dcb7acc5d044	ENCLOSURE
242	WNF-G-27-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-19	CNQ5KV132B	1/0/37	dcb7acc5d126	ENCLOSURE
243	WNF-G-28-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE000	ONF-SE000-23	CNQ5KV1333	1/0/45	dcb7acc5d07a	ENCLOSURE
244	WNF-G-31-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE000	ONF-SE000-117	CNQ5KV131S	3/0/41	dcb7acc5d406	ENCLOSURE
245	WNF-G-34-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE000	ONF-SE000-152	CNQ5KV1328	4/0/15	dcb7acc5ce04	ENCLOSURE
246	WNF-G-34-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE000	ONF-SE000-121	CNQ5KV132L	3/0/2	dcb7acc5d098	ENCLOSURE
247	WNF-G-34-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE000	ONF-SE000-107	CNQ5KV131H	3/0/21	dcb7acc5ce12	ENCLOSURE
248	WNF-G-38-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE000	ONF-SE000-108	CNQ5KV1313	3/0/23	dcb7acc5d2bc	ENCLOSURE
249	WNF-G-38-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE000	ONF-SE000-59	CNQ5KV1303	2/0/21	dcb7acc5cfac	ENCLOSURE
250	WNF-G-39-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE000	ONF-SE000-108	CNQ5KV131N	3/0/11	dcb7acc5cdd6	ENCLOSURE
251	WNF-G-42-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-123	CNQ5KV131Z	3/0/6	dcb7acc5d248	ENCLOSURE
252	WNF-G-42-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-124	CNQ5KV1307	3/0/8	dcb7acc5d208	ENCLOSURE
253	WNF-G-42-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE000	ONF-SE000-186	CNQ5KV1336	4/0/36	dcb7acc5d198	ENCLOSURE
254	WNF-G-46-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-105	CNQ5KV131C	3/0/17	dcb7acc5d4f8	ENCLOSURE
255	WNF-G-46-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SE000	ONF-SE000-113	CNQ5KV131Q	3/0/33	dcb7acc5d130	ENCLOSURE
256	WNF-G-46-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-110	CNQ5KV131D	3/0/27	dcb7acc5d2e6	ENCLOSURE
257	WNF-G-46-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-55	CNQ5KV1332	2/0/13	dcb7acc5cf66	ENCLOSURE
258	WNF-G-46-05	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-79	CNQ5KV131Y	2/0/14	dcb7acc5cf48	ENCLOSURE
259	WNF-G-50-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-83	CNQ5KV1308	2/0/22	dcb7acc5d1ac	ENCLOSURE
260	WNF-G-50-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-106	CNQ5KV130D	3/0/19	dcb7acc5d402	ENCLOSURE
261	WNF-G-50-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-118	CNQ5KV130H	3/0/43	dcb7acc5d12c	ENCLOSURE
262	WNF-G-50-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SE000	ONF-SE000-81	CNQ5KV1320	2/0/18	dcb7acc5d338	ENCLOSURE
263	WNF-G-50-05	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-85	CNQ5KV130J	2/0/26	dcb7acc5d08c	ENCLOSURE
264	WNF-G-54-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-177	CNQ5KV1306	4/0/18	dcb7acc5d092	ENCLOSURE
265	WNF-G-54-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SE000	ONF-SE000-167	CNQ5KV12Z2	4/0/45	dcb7acc5d394	ENCLOSURE
266	WNF-G-54-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-157	CNQ5KV12YT	4/0/25	dcb7acc5cf36	ENCLOSURE
267	WNF-G-54-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-179	CNQ5KV12ZY	4/0/22	dcb7acc5d1fc	ENCLOSURE
268	WNF-G-54-05	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-130	CNQ5KV12YQ	3/0/20	dcb7acc5ceac	ENCLOSURE
269	WNF-G-58-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-125	CNQ5KV12YL	3/0/10	dcb7acc5cda0	ENCLOSURE
270	WNF-G-58-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-122	CNQ5KV12YN	3/0/4	dcb7acc5cd14	ENCLOSURE
271	WNF-G-58-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-162	CNQ5KV131K	4/0/35	dcb7acc5cf46	ENCLOSURE
272	WNF-G-58-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SE000	ONF-SE000-161	CNQ5KV1314	4/0/33	dcb7acc5d0b8	ENCLOSURE
273	WNF-G-58-05	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-166	CNQ5KV1318	4/0/43	dcb7acc5d11e	ENCLOSURE
274	WNF-G-62-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-171	CNQ5KV130W	4/0/6	dcb7acc5d070	ENCLOSURE
275	WNF-G-62-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SE000	ONF-SE000-126	CNQ5KV1310	3/0/12	dcb7acc5ce7c	ENCLOSURE
276	WNF-G-62-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-180	CNQ5KV131B	4/0/24	dcb7acc5d05c	ENCLOSURE
277	WNF-G-62-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-128	CNQ5KV132M	3/0/16	dcb7acc5d2e2	ENCLOSURE
278	WNF-G-62-05	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-155	CNQ5KV12ZL	4/0/21	dcb7acc5d500	ENCLOSURE
279	WNF-H-3-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE000	ONF-SE000-17	CNQ5KV132T	1/0/33	dcb7acc5d096	ENCLOSURE
280	WNF-H-7-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-5	CNQ5KV132D	1/0/9	dcb7acc5cd0a	ENCLOSURE
281	WNF-H-7-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-21	CNQ5KV12ZR	1/0/41	dcb7acc5cd78	ENCLOSURE
282	WNF-H-11-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE000	ONF-SE000-94	CNQ5KV132S	2/0/44	dcb7acc5d2cc	ENCLOSURE
283	WNF-H-15-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-6	CNQ5KV12Z8	1/0/11	dcb7acc5cfd8	ENCLOSURE
284	WNF-H-15-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-7	CNQ5KV12ZF	1/0/13	dcb7acc5ce98	ENCLOSURE
285	WNF-H-19-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE000	ONF-SE000-13	CNQ5KV1301	1/0/25	dcb7acc5cfea	ENCLOSURE
286	WNF-H-23-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-8	CNQ5KV131P	1/0/15	dcb7acc5cffc	ENCLOSURE
287	WNF-H-23-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-18	CNQ5KV1302	1/0/35	dcb7acc5cec0	ENCLOSURE
288	WNF-H-27-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE000	ONF-SE000-70	CNQ5KV12ZD	2/0/43	dcb7acc5d508	ENCLOSURE
289	WNF-H-31-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE000	ONF-SE000-134	CNQ5KV12YV	3/0/28	dcb7acc5d1d6	ENCLOSURE
290	WNF-H-31-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE000	ONF-SE000-61	CNQ5KV12ZS	2/0/25	dcb7acc5d28a	ENCLOSURE

LOWER AND MIDDLE BOWL ACCESS POINT SCHEDULE

SCALE: N.T.S.

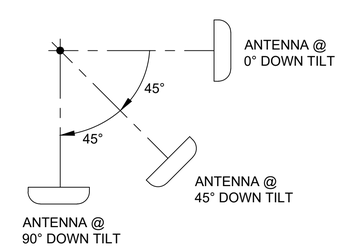
NOTES:

1. -

AS-BUILT DRAWINGS NOVEMBER 7, 2024

DOWN TILT DEFINITION

CEILING/ROOF



FLOOR

EQUIPMENT MANUFACTURER

aruba
a Hewlett Packard Enterprise company

CLIENT

THE UNIVERSITY OF TENNESSEE KNOXVILLE

REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
2	11/07/24	AS-BUILT	JPP	BML	KMW
0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BLM	KMW
A	05/02/23	ISSUED FOR APPROVAL	LTT	BLM	KMW

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NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
ACCESS POINT SCHEDULE
LOWER AND MIDDLE BOWL

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849
DATE: MARCH 1, 2023
DESIGNER: L. TRAN
SCALE: AS NOTED
ENGINEER: B. LEON
DRAWING NO.: TE-23-03849-T-215
REV. 2
APPROVAL: K. WRIGHT

No.	AP Name	AP Model	AP Type	AP Bracket	Antenna Model	Antenna Downtilt	Elevation	Installation Detail	SER	Cable Label	SN	Switch/Port	MAC	Stealthing
291	WNF-H-34-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE000	ONF-SE000-168	CNQ5KV12YS	4/0/47	dcb7acc5cfa6	ENCLOSURE
292	WNF-H-38-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE000	ONF-SE000-99	CNQ5KV12Z9	3/0/5	dcb7acc5d460	ENCLOSURE
293	WNF-H-38-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-73	CNQ5KV12ZC	2/0/2	dcb7acc5d1cc	ENCLOSURE
294	WNF-H-42-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-80	CNQ5KV12YZ	2/0/16	dcb7acc5cdfa	ENCLOSURE
295	WNF-H-42-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-49	CNQ5KV12Y7	2/0/1	dcb7acc5cfc0	ENCLOSURE
296	WNF-H-42-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE000	ONF-SE000-76	CNQ5KV12YC	2/0/8	dcb7acc5cfca	ENCLOSURE
297	WNF-H-46-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-51	CNQ5KV12ZV	2/0/5	dcb7acc5ccf6	ENCLOSURE
298	WNF-H-46-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SE000	ONF-SE000-65	CNQ5KV12YD	2/0/33	dcb7acc5cee8	ENCLOSURE
299	WNF-H-46-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-114	CNQ5KV12Y8	3/0/35	dcb7acc5d2ba	ENCLOSURE
300	WNF-H-46-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-185	CNQ5KV12YB	4/0/34	dcb7acc5d110	ENCLOSURE
301	WNF-H-50-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-66	CNQ5KV132V	2/0/35	dcb7acc5d036	ENCLOSURE
302	WNF-H-50-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-50	CNQ5KV132K	2/0/3	dcb7acc5d47e	ENCLOSURE
303	WNF-H-50-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-67	CNQ5KV131R	2/0/37	dcb7acc5d266	ENCLOSURE
304	WNF-H-50-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SE000	ONF-SE000-91	CNQ5KV1329	2/0/38	dcb7acc5d46c	ENCLOSURE
305	WNF-H-54-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-158	CNQ5KV132F	4/0/27	dcb7acc5d012	ENCLOSURE
306	WNF-H-54-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SE000	ONF-SE000-160	CNQ5KV133D	4/0/31	dcb7acc5d16a	ENCLOSURE
307	WNF-H-54-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-159	CNQ5KV10SP	4/0/29	dcb7acc5c392	ENCLOSURE
308	WNF-H-54-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-176	CNQ5KV10SB	4/0/16	dcb7acc5ca2a	ENCLOSURE
309	WNF-H-58-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-140	CNQ5KV10SJ	3/0/40	dcb7acc5bf12	ENCLOSURE
310	WNF-H-58-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-135	CNQ5KV10SH	3/0/30	dcb7acc5c5d0	ENCLOSURE
311	WNF-H-58-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-178	CNQ5KV10S3	4/0/20	dcb7acc5ca18	ENCLOSURE
312	WNF-H-58-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SE000	ONF-SE000-156	CNQ5KV10S7	4/0/23	dcb7acc5c136	ENCLOSURE
313	WNF-H-62-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-136	CNQ5KV10T4	3/0/32	dcb7acc5c932	ENCLOSURE
314	WNF-H-62-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SE000	ONF-SE000-146	CNQ5KV10T8	4/0/3	dcb7acc5c8d6	ENCLOSURE
315	WNF-H-62-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-129	CNQ5KV10TF	3/0/18	dcb7acc5c9ba	ENCLOSURE
316	WNF-H-62-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-163	CNQ5KV10T9	4/0/37	dcb7acc5cb60	ENCLOSURE
317	WNF-I-3-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-46	CNQ5KV10T5	1/0/44	dcb7acc5c980	ENCLOSURE
318	WNF-I-3-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-42	CNQ5KV10TK	1/0/36	dcb7acc5c6d4	ENCLOSURE
319	WNF-I-7-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE000	ONF-SE000-40	CNQ5KV10W7	1/0/32	dcb7acc5c0ee	ENCLOSURE
320	WNF-I-11-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-44	CNQ5KV10W6	1/0/42	dcb7acc5c54c	ENCLOSURE
321	WNF-I-11-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-45	CNQ5KV10TS	1/0/20	dcb7acc5c1d0	ENCLOSURE
322	WNF-I-15-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE000	ONF-SE000-34	CNQ5KV10VC	1/0/40	dcb7acc5bef0	ENCLOSURE
323	WNF-I-19-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-25	CNQ5KV10VF	1/0/2	dcb7acc5c69a	ENCLOSURE
324	WNF-I-19-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-37	CNQ5KV10X5	1/0/26	dcb7acc5ca1e	ENCLOSURE
325	WNF-I-23-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE000	ONF-SE000-38	CNQ5KV10V8	1/0/28	dcb7acc5bf1a	ENCLOSURE
326	WNF-I-27-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-30	CNQ5KV10V1	1/0/12	dcb7acc5c306	ENCLOSURE
327	WNF-I-27-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-26	CNQ5KV10V5	1/0/4	dcb7acc5c2d6	ENCLOSURE
328	WNF-I-31-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE000	ONF-SE000-82	CNQ5KV10V2	2/0/20	dcb7acc5cc1e	ENCLOSURE
329	WNF-I-34-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE000	ONF-SE000-151	CNQ5KV10T7	4/0/13	dcb7acc5c8a0	ENCLOSURE
330	WNF-I-38-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-77	CNQ5KV10TL	2/0/10	dcb7acc5c598	ENCLOSURE
331	WNF-I-38-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE000	ONF-SE000-84	CNQ5KV10V4	2/0/24	dcb7acc5c488	ENCLOSURE
332	WNF-I-42-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-184	CNQ5KV10V7	4/0/32	dcb7acc5c91c	ENCLOSURE
333	WNF-I-46-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-86	CNQ5KV10TW	2/0/28	dcb7acc5c7aa	ENCLOSURE
334	WNF-I-46-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-57	CNQ5KV10V6	2/0/17	dcb7acc5cbb0	ENCLOSURE
335	WNF-I-46-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SE000	ONF-SE000-89	CNQ5KV10Y7	2/0/34	dcb7acc5bf66	ENCLOSURE
336	WNF-I-50-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-74	CNQ5KV10TZ	2/0/4	dcb7acc5c51e	ENCLOSURE
337	WNF-I-50-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-68	CNQ5KV10VV	2/0/39	dcb7acc5c5f8	ENCLOSURE
338	WNF-I-54-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-165	CNQ5KV10VR	4/0/41	dcb7acc5cc4c	ENCLOSURE
339	WNF-I-54-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-174	CNQ5KV10VG	4/0/12	dcb7acc5c514	ENCLOSURE
340	WNF-I-54-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SE000	ONF-SE000-141	CNQ5KV10VK	3/0/42	dcb7acc5beee	ENCLOSURE
341	WNF-I-58-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-164	CNQ5KV10VJ	4/0/39	dcb7acc5c8d2	ENCLOSURE
342	WNF-I-58-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-142	CNQ5KV10VD	3/0/44	dcb7acc5c4ae	ENCLOSURE
343	WNF-I-62-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-173	CNQ5KV10VB	4/0/10	dcb7acc5c708	ENCLOSURE
344	WNF-I-62-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-169	CNQ5KV10V3	4/0/2	dcb7acc5c500	ENCLOSURE
345	WNF-I-62-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SE000	ONF-SE000-187	CNQ5KV10TQ	4/0/38	dcb7acc5c4aa	ENCLOSURE
346	WNF-J-3-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE000	ONF-SE000-35	CNQ5KV10TN	1/0/22	dcb7acc5c3ee	ENCLOSURE
347	WNF-J-7-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-33	CNQ5KV10T6	1/0/18	dcb7acc5c27c	ENCLOSURE
348	WNF-J-7-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-41	CNQ5KV10TC	1/0/34	dcb7acc5c016	ENCLOSURE

LOWER AND MIDDLE BOWL ACCESS POINT SCHEDULE

SCALE: N.T.S.

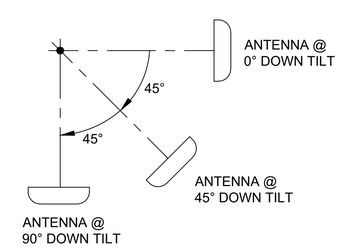
NOTES:

1. -

AS-BUILT DRAWINGS NOVEMBER 7, 2024

DOWN TILT DEFINITION

CEILING/ROOF



FLOOR

EQUIPMENT MANUFACTURER

aruba
a Hewlett Packard Enterprise company

CLIENT

THE UNIVERSITY OF TENNESSEE KNOXVILLE

REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
2	11/07/24	AS-BUILT	JPP	BML	KMW
0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BLM	KMW
A	05/02/23	ISSUED FOR APPROVAL	LTT	BLM	KMW

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UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
ACCESS POINT SCHEDULE
LOWER AND MIDDLE BOWL

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849
DATE: MARCH 1, 2023
DESIGNER: L. TRAN
SCALE: AS NOTED
ENGINEER: B. LEON
DRAWING NO.: TE-23-03849-T-216
REV. 2
APPROVAL: K. WRIGHT

No.	AP Name	AP Model	AP Type	AP Bracket	Antenna Model	Antenna Downtilt	Elevation	Installation Detail	SER	Cable Label	SN	Switch/Port	MAC	Stealthing
349	WNF-J-11-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE000	ONF-SE000-32	CNQ5KV10S8	1/0/16	dcb7acc5c9ce	ENCLOSURE
350	WNF-J-15-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-31	CNQ5KV10S2	1/0/14	dcb7acc5c444	ENCLOSURE
351	WNF-J-15-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-39	CNQ5KV10SD	1/0/30	dcb7acc5cc6e	ENCLOSURE
352	WNF-J-19-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE000	ONF-SE000-24	CNQ5KV10S6	1/0/47	dcb7acc5bf08	ENCLOSURE
353	WNF-J-23-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-43	CNQ5KV10S9	1/0/38	dcb7acc5c816	ENCLOSURE
354	WNF-J-23-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-48	CNQ5KV10SC	1/0/48	dcb7acc5cac0	ENCLOSURE
355	WNF-J-27-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE000	ONF-SE000-47	CNQ5KV10VX	1/0/46	dcb7acc5cc00	ENCLOSURE
356	WNF-J-31-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE000	ONF-SE000-189	CNQ5KV10VW	4/0/42	dcb7acc5c5e2	ENCLOSURE
357	WNF-J-31-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE000	ONF-SE000-98	CNQ5KV10YH	3/0/3	dcb7acc5c0c4	ENCLOSURE
358	WNF-J-35-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE000	ONF-SE000-188	CNQ5KV10WH	4/0/40	dcb7acc5c9e8	ENCLOSURE
359	WNF-J-38-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-109	CNQ5KV10VM	3/0/25	dcb7acc5c058	ENCLOSURE
360	WNF-J-42-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-181	CNQ5KV10VS	4/0/26	dcb7acc5c0a0	ENCLOSURE
361	WNF-J-42-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE000	ONF-SE000-115	CNQ5KV1327	3/0/37	dcb7acc5cef4	ENCLOSURE
362	WNF-J-46-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-104	CNQ5KV130L	3/0/15	dcb7acc5d346	ENCLOSURE
363	WNF-J-46-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-62	CNQ5KV130Y	2/0/27	dcb7acc5d08e	ENCLOSURE
364	WNF-J-50-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-56	CNQ5KV130T	2/0/15	dcb7acc5cf7a	ENCLOSURE
365	WNF-J-50-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-112	CNQ5KV130X	3/0/31	dcb7acc5ceb6	ENCLOSURE
366	WNF-J-50-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SE000	ONF-SE000-78	CNQ5KV1319	2/0/12	dcb7acc5ce30	ENCLOSURE
367	WNF-J-54-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-143	CNQ5KV10VQ	3/0/46	dcb7acc5c256	ENCLOSURE
368	WNF-J-54-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-133	CNQ5KV10W0	3/0/26	dcb7acc5c4de	ENCLOSURE
369	WNF-J-58-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-172	CNQ5KV10WV	4/0/8	dcb7acc5c76c	ENCLOSURE
370	WNF-J-58-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-147	CNQ5KV10VL	4/0/5	dcb7acc5ccdc	ENCLOSURE
371	WNF-J-58-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SE000	ONF-SE000-149	CNQ5KV10VN	4/0/9	dcb7acc5c7ec	ENCLOSURE
372	WNF-J-62-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-145	CNQ5KV10VP	4/0/1	dcb7acc5c744	ENCLOSURE
373	WNF-J-62-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-138	CNQ5KV1193	3/0/36	dcb7acc5c182	ENCLOSURE
374	WNF-K-3-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-95	CNQ5KV1190	2/0/46	dcb7acc5c636	ENCLOSURE
375	WNF-K-3-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-144	CNQ5KV118T	1/0/31	dcb7acc5c3e0	ENCLOSURE
376	WNF-K-7-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE000	ONF-SE000-14	CNQ5KV118R	1/0/27	dcb7acc66ac8	ENCLOSURE
377	WNF-K-11-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-27	CNQ5KV1191	1/0/6	dcb7acc5c76e	ENCLOSURE
378	WNF-K-11-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-72	CNQ5KV118V	2/0/47	dcb7acc5c90c	ENCLOSURE
379	WNF-K-15-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE000	ONF-SE000-15	CNQ5KV117D	1/0/29	dcb7acc5ca16	ENCLOSURE
380	WNF-K-19-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-12	CNQ5KV1194	1/0/23	dcb7acc5c174	ENCLOSURE
381	WNF-K-19-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-96	CNQ5KV119F	2/0/48	dcb7acc5c152	ENCLOSURE
382	WNF-K-23-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE000	ONF-SE000-11	CNQ5KV1180	1/0/21	dcb7acc5c4c0	ENCLOSURE
383	WNF-K-27-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-29	CNQ5KV11BT	1/0/10	dcb7acc5c97a	ENCLOSURE
384	WNF-K-27-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-69	CNQ5KV119C	2/0/41	dcb7acc5cbfa	ENCLOSURE
385	WNF-K-31-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE000	ONF-SE000-183	CNQ5KV119M	4/0/30	dcb7acc5c7b4	ENCLOSURE
386	WNF-K-34-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE000	ONF-SE000-182	CNQ5KV119Z	4/0/28	dcb7acc5c050	ENCLOSURE
387	WNF-K-38-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-60	CNQ5KV11B0	2/0/23	dcb7acc5c9c0	ENCLOSURE
388	WNF-K-38-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE000	ONF-SE000-63	CNQ5KV119Q	2/0/29	dcb7acc5c4d2	ENCLOSURE
389	WNF-K-42-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-103	CNQ5KV119L	3/0/13	dcb7acc5ca92	ENCLOSURE
390	WNF-K-46-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-97	CNQ5KV119W	3/0/1	dcb7acc5bf1c	ENCLOSURE
391	WNF-K-46-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-87	CNQ5KV11D3	2/0/30	dcb7acc5c8fe	ENCLOSURE
392	WNF-K-46-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SE000	ONF-SE000-92	CNQ5KV11D6	2/0/40	dcb7acc5d27a	ENCLOSURE
393	WNF-K-50-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-116	CNQ5KV11FL	3/0/39	dcb7acc5c5ae	ENCLOSURE
394	WNF-K-50-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-58	CNQ5KV11D5	2/0/19	dcb7acc5c80a	ENCLOSURE
395	WNF-K-54-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-170	CNQ5KV11J2	4/0/4	dcb7acc5cc08	ENCLOSURE
396	WNF-K-54-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-154	CNQ5KV11FM	4/0/19	dcb7acc5c65a	ENCLOSURE
397	WNF-K-54-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SE000	ONF-SE000-153	CNQ5KV11CJ	4/0/17	dcb7acc5c6f0	ENCLOSURE
398	WNF-K-58-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-139	CNQ5KV11D2	3/0/38	dcb7acc5ca9e	ENCLOSURE
399	WNF-K-58-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-137	CNQ5KV11FN	3/0/34	dcb7acc5ca36	ENCLOSURE
400	WNF-K-62-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-148	CNQ5KV11D8	4/0/7	dcb7acc5caec	ENCLOSURE
401	WNF-K-62-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-131	CNQ5KV11CP	3/0/22	dcb7acc5c1b0	ENCLOSURE
402	WNF-K-62-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SE000	ONF-SE000-127	CNQ5KV11CM	3/0/14	dcb7acc5c0f6	ENCLOSURE
403	WNF-L-12-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-44	CNQ5KV118L	1/0/40	dcb7acc5c782	ENCLOSURE
404	WNF-L-15-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-36	CNQ5KV1184	1/0/24	dcb7acc5cbd4	ENCLOSURE
405	WNF-L-15-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-18	CNQ5KV118D	1/0/35	dcb7acc5c922	ENCLOSURE
406	WNF-L-19-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-45	CNQ5KV118J	1/0/42	dcb7acc5cc64	ENCLOSURE

LOWER AND MIDDLE BOWL ACCESS POINT SCHEDULE

SCALE: N.T.S.

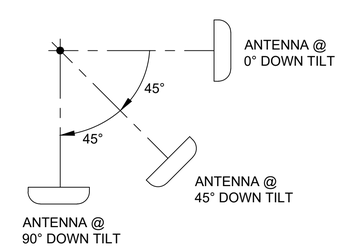
NOTES:

1. -

AS-BUILT DRAWINGS NOVEMBER 7, 2024

DOWN TILT DEFINITION

CEILING/ROOF



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UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
ACCESS POINT SCHEDULE
LOWER AND MIDDLE BOWL

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849
DATE: MARCH 1, 2023
DESIGNER: L. TRAN
SCALE: AS NOTED
ENGINEER: B. LEON
DRAWING NO.: TE-23-03849-T-217
REV. 2
APPROVAL: K. WRIGHT

No.	AP Name	AP Model	AP Type	AP Bracket	Antenna Model	Antenna Downtilt	Elevation	Installation Detail	SER	Cable Label	SN	Switch/Port	MAC	Stealthing
407	WNF-L-23-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE000	ONF-SE000-28	CNQ5KV118K	1/0/8	dcb7acc5ccc8	ENCLOSURE
408	WNF-L-23-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-22	CNQ5KV118H	1/0/43	dcb7acc5c29e	ENCLOSURE
409	WNF-L-27-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-20	CNQ5KV12KQ	1/0/39	dcb7acc5cfc4	ENCLOSURE
410	WNF-L-31-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-74	CNQ5KV12KP	2/0/4	dcb7acc5d468	ENCLOSURE
411	WNF-L-34-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-73	CNQ5KV12KM	2/0/2	dcb7acc5d2b8	ENCLOSURE
412	WNF-L-38-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-75	CNQ5KV12KN	2/0/6	dcb7acc5d280	ENCLOSURE
413	WNF-L-42-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE000	ONF-SE000-53	CNQ5KV12KH	2/0/9	dcb7acc5cdfe	ENCLOSURE
414	WNF-L-42-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-77	CNQ5KV12KV	2/0/10	dcb7acc5d434	ENCLOSURE
415	WNF-L-46-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-54	CNQ5KV11C4	2/0/11	dcb7acc5c9a4	ENCLOSURE
416	WNF-L-46-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-79	CNQ5KV11CF	2/0/14	dcb7acc5cc76	ENCLOSURE
417	WNF-L-50-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-88	CNQ5KV11CG	2/0/32	dcb7acc5c5f4	ENCLOSURE
418	WNF-L-50-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-83	CNQ5KV11CV	2/0/22	dcb7acc5c6ee	ENCLOSURE
419	WNF-L-50-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-82	CNQ5KV11CB	2/0/20	dcb7acc5c06e	ENCLOSURE
420	WNF-L-54-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-150	CNQ5KV11C9	4/0/11	dcb7acc5c6c4	ENCLOSURE
421	WNF-L-54-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-80	CNQ5KV11CT	2/0/16	dcb7acc5c534	ENCLOSURE
422	WNF-L-58-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-132	CNQ5KV11CH	3/0/24	dcb7acc5c750	ENCLOSURE
423	WNF-L-58-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-87	CNQ5KV11D0	2/0/30	dcb7acc5c42a	ENCLOSURE
424	WNF-L-58-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SW000	ONF-SW000-88	CNQ5KV11CD	2/0/32	dcb7acc5c914	ENCLOSURE
425	WNF-L-62-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE000	ONF-SE000-90	CNQ5KV11CS	3/0/48	dcb7acc5c1c8	ENCLOSURE
426	WNF-L-62-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-91	CNQ5KV11CL	2/0/38	dcb7acc5cb40	ENCLOSURE
427	WNF-M-3-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-41	CNQ5KV11DK	1/0/34	dcb7acc5cafa	ENCLOSURE
428	WNF-M-3-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-23	CNQ5KV11J9	1/0/45	dcb7acc5cbf0	ENCLOSURE
429	WNF-M-7-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-1	CNQ5KV11DG	1/0/1	dcb7acc5c1ec	ENCLOSURE
430	WNF-M-11-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-15	CNQ5KV11DJ	1/0/29	dcb7acc5c72a	ENCLOSURE
431	WNF-M-11-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-16	CNQ5KV11DP	1/0/31	dcb7acc5c290	ENCLOSURE
432	WNF-M-15-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-47	CNQ5KV11DX	1/0/46	dcb7acc5c8da	ENCLOSURE
433	WNF-M-19-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-19	CNQ5KV11FR	1/0/37	dcb7acc5c6ac	ENCLOSURE
434	WNF-M-19-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-48	CNQ5KV11F7	1/0/48	dcb7acc5c776	ENCLOSURE
435	WNF-M-23-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-21	CNQ5KV11DD	1/0/41	dcb7acc5c33e	ENCLOSURE
436	WNF-M-27-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-12	CNQ5KV11FP	1/0/23	dcb7acc5bf04	ENCLOSURE
437	WNF-M-27-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-43	CNQ5KV11KD	1/0/38	dcb7acc5bf42	ENCLOSURE
438	WNF-M-31-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-92	CNQ5KV11GY	2/0/40	dcb7acc5cc3c	ENCLOSURE
439	WNF-M-34-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-93	CNQ5KV11DQ	2/0/42	dcb7acc5c5c2	ENCLOSURE
440	WNF-M-38-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-94	CNQ5KV11FS	2/0/44	dcb7acc5c63c	ENCLOSURE
441	WNF-M-38-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-95	CNQ5KV11FY	2/0/46	dcb7acc5ca30	ENCLOSURE
442	WNF-M-42-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-96	CNQ5KV11DL	2/0/48	dcb7acc5bf32	ENCLOSURE
443	WNF-M-46-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-99	CNQ5KV11DF	3/0/5	dcb7acc5cc10	ENCLOSURE
444	WNF-M-46-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-98	CNQ5KV11J7	3/0/3	dcb7acc5c3e2	ENCLOSURE
445	WNF-M-46-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SW000	ONF-SW000-97	CNQ5KV11DH	3/0/1	dcb7acc5c822	ENCLOSURE
446	WNF-M-50-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-100	CNQ5KV11B3	3/0/7	dcb7acc5cc92	ENCLOSURE
447	WNF-M-50-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-101	CNQ5KV11BW	3/0/9	dcb7acc5ca0e	ENCLOSURE
448	WNF-M-54-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-85	CNQ5KV11B8	2/0/26	dcb7acc5bf1e	ENCLOSURE
449	WNF-M-54-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-102	CNQ5KV11C6	3/0/11	dcb7acc5c68e	ENCLOSURE
450	WNF-M-58-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-103	CNQ5KV11B5	3/0/13	dcb7acc5c8ea	ENCLOSURE
451	WNF-M-58-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-104	CNQ5KV11BK	3/0/15	dcb7acc5c518	ENCLOSURE
452	WNF-M-62-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-105	CNQ5KV11B6	3/0/17	dcb7acc5cc7a	ENCLOSURE
453	WNF-M-62-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-106	CNQ5KV11B9	3/0/19	dcb7acc5c834	ENCLOSURE
454	WNF-N-3-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-53	CNQ5KV11CX	1/0/32	dcb7acc5cc5e	ENCLOSURE
455	WNF-N-7-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-10	CNQ5KV11BN	1/0/19	dcb7acc5c4b4	ENCLOSURE
456	WNF-N-7-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-37	CNQ5KV11BC	1/0/26	dcb7acc5d4b8	ENCLOSURE
457	WNF-N-11-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-33	CNQ5KV11BB	1/0/18	dcb7acc5cc3a	ENCLOSURE
458	WNF-N-15-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-5	CNQ5KV119V	1/0/9	dcb7acc5c910	ENCLOSURE
459	WNF-N-15-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-42	CNQ5KV11C5	1/0/36	dcb7acc5bfb8	ENCLOSURE
460	WNF-N-19-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-46	CNQ5KV119G	1/0/44	dcb7acc5c1aa	ENCLOSURE
461	WNF-N-23-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-27	CNQ5KV119K	1/0/6	dcb7acc5c67c	ENCLOSURE
462	WNF-N-23-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-31	CNQ5KV11JD	1/0/14	dcb7acc5cb7a	ENCLOSURE
463	WNF-N-27-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-13	CNQ5KV11BR	1/0/25	dcb7acc5c456	ENCLOSURE
464	WNF-N-31-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-107	CNQ5KV11BS	3/0/21	dcb7acc5c9ae	ENCLOSURE

LOWER AND MIDDLE BOWL ACCESS POINT SCHEDULE

SCALE: N.T.S.

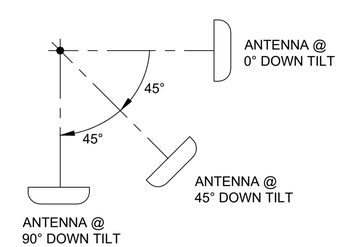
NOTES:

1. -

AS-BUILT DRAWINGS NOVEMBER 7, 2024

DOWN TILT DEFINITION

CEILING/ROOF



FLOOR

EQUIPMENT MANUFACTURER

aruba
a Hewlett Packard Enterprise company

CLIENT

THE UNIVERSITY OF TENNESSEE KNOXVILLE

REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
2	11/07/24	AS-BUILT	JPP	BML	KMW
0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BLM	KMW
A	05/02/23	ISSUED FOR APPROVAL	LTT	BLM	KMW

ENGINEERING CORPORATION

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UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
ACCESS POINT SCHEDULE
LOWER AND MIDDLE BOWL

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849
DATE: MARCH 1, 2023
DESIGNER: L. TRAN
SCALE: AS NOTED
ENGINEER: B. LEON
DRAWING NO.: TE-23-03849-T-218
REV. 2
APPROVAL: K. WRIGHT

No.	AP Name	AP Model	AP Type	AP Bracket	Antenna Model	Antenna Downtilt	Elevation	Installation Detail	SER	Cable Label	SN	Switch/Port	MAC	Stealthing
465	WNF-N-31-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-108	CNQ5KV118M	3/0/23	dcb7acc5c7c8	ENCLOSURE
466	WNF-N-34-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-109	CNQ5KV118G	3/0/25	dcb7acc5c09a	ENCLOSURE
467	WNF-N-38-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-110	CNQ5KV118Q	3/0/27	dcb7acc5c34e	ENCLOSURE
468	WNF-N-42-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-111	CNQ5KV118Y	3/0/29	dcb7acc5cc34	ENCLOSURE
469	WNF-N-46-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-112	CNQ5KV118X	3/0/31	dcb7acc5c192	ENCLOSURE
470	WNF-N-46-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-113	CNQJKV10LR	3/0/33	dcb7acc66b46	ENCLOSURE
471	WNF-N-50-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-114	CNQ5KV1192	3/0/35	dcb7acc5c22e	ENCLOSURE
472	WNF-N-50-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-115	CNQ5KV1187	3/0/37	dcb7acc5c43c	ENCLOSURE
473	WNF-N-54-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SW000	ONF-SW000-116	CNQ5KV118F	3/0/39	dcb7acc5c316	ENCLOSURE
474	WNF-N-54-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-117	CNQ5KV1182	3/0/41	dcb7acc5c900	ENCLOSURE
475	WNF-N-54-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-118	CNQ5KV1197	3/0/43	dcb7acc5c118	ENCLOSURE
476	WNF-N-58-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-119	CNQ5KV118W	3/0/45	dcb7acc5c0b2	ENCLOSURE
477	WNF-N-58-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-120	CNQ5KV1186	3/0/47	dcb7acc5c976	ENCLOSURE
478	WNF-N-62-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SW000	ONF-SW000-121	CNQ5KV11BP	3/0/2	dcb7acc5c85a	ENCLOSURE
479	WNF-N-62-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-122	CNQ5KV119H	3/0/4	dcb7acc5bfd4	ENCLOSURE
480	WNF-N-62-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-123	CNQ5KV1189	3/0/6	dcb7acc5c864	ENCLOSURE
481	WNF-O-3-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-39	CNQ5KV118C	1/0/30	dcb7acc666e4	ENCLOSURE
482	WNF-O-3-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-29	CNQ5KV118S	1/0/10	dcb7acc5cb62	ENCLOSURE
483	WNF-O-7-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-17	CNQ5KV12LR	1/0/33	dcb7acc5d288	ENCLOSURE
484	WNF-O-11-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-9	CNQ5KV12LY	1/0/17	dcb7acc5d192	ENCLOSURE
485	WNF-O-11-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-34	CNQ5KV12LP	1/0/20	dcb7acc5d23c	ENCLOSURE
486	WNF-O-15-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-14	CNQ5KV12LN	1/0/28	dcb7acc5d0b2	ENCLOSURE
487	WNF-O-19-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-8	CNQ5KV12LT	1/0/15	dcb7acc5cd56	ENCLOSURE
488	WNF-O-19-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-4	CNQ5KV12LM	1/0/7	dcb7acc5cfaa	ENCLOSURE
489	WNF-O-23-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-36	CNQ5KV11BH	1/0/24	dcb7acc5bf5a	ENCLOSURE
490	WNF-O-27-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-26	CNQ5KV11BX	1/0/4	dcb7acc5bede	ENCLOSURE
491	WNF-O-27-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-24	CNQ5KV11CR	1/0/47	dcb7acc5c7e2	ENCLOSURE
492	WNF-O-31-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-124	CNQ5KV11BF	3/0/8	dcb7acc5bfe4	ENCLOSURE
493	WNF-O-34-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-125	CNQ5KV11CQ	3/0/10	dcb7acc5c3a4	ENCLOSURE
494	WNF-O-38-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-126	CNQ5KV11BV	3/0/12	dcb7acc5c474	ENCLOSURE
495	WNF-O-38-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-127	CNQ5KV11DW	3/0/14	dcb7acc5cca8	ENCLOSURE
496	WNF-O-42-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-128	CNQ5KV11FT	3/0/16	dcb7acc5c452	ENCLOSURE
497	WNF-O-42-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-129	CNQ5KV11FW	3/0/18	dcb7acc5c7ee	ENCLOSURE
498	WNF-O-46-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-130	CNQ5KV11DM	3/0/20	dcb7acc5c5ec	ENCLOSURE
499	WNF-O-46-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-131	CNQ5KV11DR	3/0/22	dcb7acc661f8	ENCLOSURE
500	WNF-O-46-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SW000	ONF-SW000-132	CNQ5KV11DN	3/0/24	dcb7acc5c70a	ENCLOSURE
501	WNF-O-50-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SW000	ONF-SW000-133	CNQ5KV1170	3/0/26	dcb7acc5c790	ENCLOSURE
502	WNF-O-50-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-134	CNQ5KV116Z	3/0/28	dcb7acc5c9e0	ENCLOSURE
503	WNF-O-50-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-135	CNQ5KV117K	3/0/30	dcb7acc5cbc2	ENCLOSURE
504	WNF-O-54-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-136	CNQ5KV11BY	3/0/32	dcb7acc5c27a	ENCLOSURE
505	WNF-O-54-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-137	CNQ5KV117H	3/0/34	dcb7acc5ca94	ENCLOSURE
506	WNF-O-54-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SW000	ONF-SW000-138	CNQ5KV117T	3/0/36	dcb7acc5cc28	ENCLOSURE
507	WNF-O-58-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SW000	ONF-SW000-139	CNQ5KV11JB	3/0/38	dcb7acc5c422	ENCLOSURE
508	WNF-O-58-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-140	CNQ5KV11DB	3/0/40	dcb7acc5cc4e	ENCLOSURE
509	WNF-O-58-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-141	CNQ5KV11J8	3/0/42	dcb7acc5c622	ENCLOSURE
510	WNF-O-62-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-142	CNQ5KV11D9	3/0/44	dcb7acc5cc80	ENCLOSURE
511	WNF-O-62-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-143	CNQ5KV12SP	3/0/46	dcb7acc5cd9a	ENCLOSURE
512	WNF-P-3-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-35	CNQ5KV12SL	1/0/22	dcb7acc5d334	ENCLOSURE
513	WNF-P-7-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-6	CNQ5KV12SR	1/0/11	dcb7acc5d210	ENCLOSURE
514	WNF-P-7-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-30	CNQ5KV12T5	1/0/12	dcb7acc5d1a8	ENCLOSURE
515	WNF-P-11-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-49	CNQ5KV12TZ	2/0/1	dcb7acc5d294	ENCLOSURE
516	WNF-P-15-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-52	CNQ5KV12SV	2/0/7	dcb7acc5cfdc	ENCLOSURE
517	WNF-P-15-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-51	CNQ5KV12S6	2/0/5	dcb7acc5d0b4	ENCLOSURE
518	WNF-P-19-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-55	CNQ5KV12TW	2/0/13	dcb7acc5cf8c	ENCLOSURE
519	WNF-P-23-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-67	CNQ5KV12SG	2/0/37	dcb7acc5cdec	ENCLOSURE
520	WNF-P-23-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-69	CNQ5KV12RY	2/0/41	dcb7acc5d0c2	ENCLOSURE
521	WNF-P-27-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-53	CNQ5KV12TT	2/0/9	dcb7acc5cd4a	ENCLOSURE
522	WNF-P-31-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-144	CNQ5KV12RX	3/0/48	dcb7acc5d038	ENCLOSURE

LOWER AND MIDDLE BOWL ACCESS POINT SCHEDULE

SCALE: N.T.S.

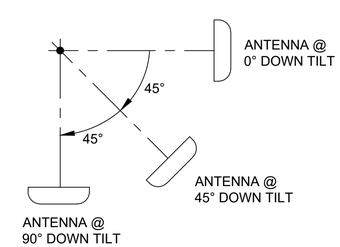
NOTES:

1. -

AS-BUILT DRAWINGS NOVEMBER 7, 2024

DOWN TILT DEFINITION

CEILING/ROOF



FLOOR

EQUIPMENT MANUFACTURER

aruba a Hewlett Packard Enterprise company

CLIENT

THE UNIVERSITY OF TENNESSEE KNOXVILLE

REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
2	11/07/24	AS-BUILT	JPP	BML	KMW
0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BLM	KMW
A	05/02/23	ISSUED FOR APPROVAL	LTT	BLM	KMW

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UNIVERSITY OF TENNESSEE KNOXVILLE

NEYLAND STADIUM

HD WI-FI NETWORK DESIGN AND IMPLEMENTATION

ACCESS POINT SCHEDULE

LOWER AND MIDDLE BOWL

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849
DATE: MARCH 1, 2023
DESIGNER: L. TRAN
SCALE: AS NOTED
ENGINEER: B. LEON
DRAWING NO.: TE-23-03849-T-219
REV. 2
APPROVAL: K. WRIGHT

No.	AP Name	AP Model	AP Type	AP Bracket	Antenna Model	Antenna Downtilt	Elevation	Installation Detail	SER	Cable Label	SN	Switch/Port	MAC	Stealthing
523	WNF-P-31-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-145	CNQ5KV11CW	4/0/1	dcb7acc5c424	ENCLOSURE
524	WNF-P-34-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-146	CNQ5KV11D4	4/0/3	dcb7acc5c682	ENCLOSURE
525	WNF-P-38-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-147	CNQ5KV11D7	4/0/5	dcb7acc5c066	ENCLOSURE
526	WNF-P-38-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-148	CNQ5KV11D1	4/0/7	dcb7acc5c862	ENCLOSURE
527	WNF-P-42-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-149	CNQ5KV11CZ	4/0/9	dcb7acc5c702	ENCLOSURE
528	WNF-P-42-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-150	CNQ5KV11CY	4/0/11	dcb7acc5c856	ENCLOSURE
529	WNF-P-46-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-151	CNQ5KV12S7	4/0/13	dcb7acc5ce48	ENCLOSURE
530	WNF-P-46-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-152	CNQ5KV12SJ	4/0/15	dcb7acc5d39e	ENCLOSURE
531	WNF-P-46-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-153	CNQ5KV12S9	4/0/17	dcb7acc5cf0a	ENCLOSURE
532	WNF-P-50-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-154	CNQ5KV12SB	4/0/19	dcb7acc5d49c	ENCLOSURE
533	WNF-P-50-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-155	CNQ5KV12S5	4/0/21	dcb7acc5d38c	ENCLOSURE
534	WNF-P-50-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SW000	ONF-SW000-156	CNQ5KV12V3	4/0/23	dcb7acc5d064	ENCLOSURE
535	WNF-P-50-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-157	CNQ5KV119B	4/0/25	dcb7acc5c9a6	ENCLOSURE
536	WNF-P-54-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-158	CNQ5KV1195	4/0/27	dcb7acc5c418	ENCLOSURE
537	WNF-P-54-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-159	CNQ5KV11B2	4/0/29	dcb7acc5cae8	ENCLOSURE
538	WNF-P-54-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-160	CNQ5KV11BL	4/0/31	dcb7acc5bf3a	ENCLOSURE
539	WNF-P-58-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-161	CNQ5KV1199	4/0/33	dcb7acc5c7d8	ENCLOSURE
540	WNF-P-58-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-162	CNQ5KV119T	4/0/35	dcb7acc5c9ec	ENCLOSURE
541	WNF-P-58-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SW000	ONF-SW000-163	CNQ5KV12QF	4/0/37	dcb7acc5cf8a	ENCLOSURE
542	WNF-P-58-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-164	CNQ5KV12QC	4/0/39	dcb7acc5cd86	ENCLOSURE
543	WNF-P-62-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SW000	ONF-SW000-165	CNQ5KV12QG	4/0/41	dcb7acc5d0d4	ENCLOSURE
544	WNF-P-62-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-166	CNQ5KV12SQ	4/0/43	dcb7acc5d2a0	ENCLOSURE
545	WNF-P-62-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-167	CNQ5KV12QS	4/0/45	dcb7acc5cf64	ENCLOSURE
546	WNF-P-62-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-168	CNQ5KV12RF	4/0/47	dcb7acc5d3d0	ENCLOSURE
547	WNF-Q-3-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-28	CNQ5KV12LL	1/0/8	dcb7acc5ced4	ENCLOSURE
548	WNF-Q-7-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-11	CNQ5KV12LQ	1/0/21	dcb7acc5cfba	ENCLOSURE
549	WNF-Q-11-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-54	CNQ5KV12N1	2/0/11	dcb7acc5d1da	ENCLOSURE
550	WNF-Q-15-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-32	CNQ5KV12LK	1/0/16	dcb7acc5cefc	ENCLOSURE
551	WNF-Q-15-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-68	CNQ5KV12LJ	2/0/39	dcb7acc5cd1a	ENCLOSURE
552	WNF-Q-19-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-66	CNQ5KV12M5	2/0/35	dcb7acc5d074	ENCLOSURE
553	WNF-Q-19-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-70	CNQ5KV12M3	2/0/43	dcb7acc5d316	ENCLOSURE
554	WNF-Q-23-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-50	CNQ5KV12M2	2/0/3	dcb7acc5d084	ENCLOSURE
555	WNF-Q-23-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-64	CNQ5KV12M4	2/0/31	dcb7acc5d510	ENCLOSURE
556	WNF-Q-27-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-71	CNQ5KV12M6	2/0/45	dcb7acc5d4d2	ENCLOSURE
557	WNF-Q-27-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-72	CNQ5KV12M9	2/0/47	dcb7acc5d088	ENCLOSURE
558	WNF-Q-27-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-65	CNQ5KV12M8	2/0/33	dcb7acc5d3ba	ENCLOSURE
559	WNF-Q-31-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-169	CNQ5KV11C8	4/0/2	dcb7acc5c29c	ENCLOSURE
560	WNF-Q-31-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-172	CNQ5KV11C1	4/0/8	dcb7acc5c608	ENCLOSURE
561	WNF-Q-34-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-171	CNQ5KV11C7	4/0/6	dcb7acc5c832	ENCLOSURE
562	WNF-Q-34-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-170	CNQ5KV11C0	4/0/4	dcb7acc5c006	ENCLOSURE
563	WNF-Q-38-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-174	CNQ5KV11C2	4/0/12	dcb7acc5c17a	ENCLOSURE
564	WNF-Q-38-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-175	CNQ5KV11FQ	4/0/14	dcb7acc5cb0a	ENCLOSURE
565	WNF-Q-39-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-173	CNQ5KV12JS	4/0/10	dcb7acc5d352	ENCLOSURE
566	WNF-Q-42-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-176	CNQ5KV12JW	4/0/16	dcb7acc5cda4	ENCLOSURE
567	WNF-Q-42-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-177	CNQ5KV12K0	4/0/18	dcb7acc5d19c	ENCLOSURE
568	WNF-Q-42-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-178	CNQ5KV12K5	4/0/20	dcb7acc5d0f6	ENCLOSURE
569	WNF-Q-46-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-179	CNQ5KV12JT	4/0/22	dcb7acc5cfd2	ENCLOSURE
570	WNF-Q-46-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SW000	ONF-SW000-180	CNQ5KV12JV	4/0/24	dcb7acc5d050	ENCLOSURE
571	WNF-Q-46-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-181	CNQ5KV12KX	4/0/26	dcb7acc5cd18	ENCLOSURE
572	WNF-Q-46-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-182	CNQ5KV12KT	4/0/28	dcb7acc5d330	ENCLOSURE
573	WNF-Q-46-05	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-183	CNQ5KV12KS	4/0/30	dcb7acc5d214	ENCLOSURE
574	WNF-Q-50-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-184	CNQ5KV12KW	4/0/32	dcb7acc5d1f4	ENCLOSURE
575	WNF-Q-50-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-185	CNQ5KV12KZ	4/0/34	dcb7acc5d242	ENCLOSURE
576	WNF-Q-50-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-186	CNQ5KV12KR	4/0/36	dcb7acc5ccfe	ENCLOSURE
577	WNF-Q-50-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SW000	ONF-SW000-187	CNQ5KV12PQ	4/0/38	dcb7acc5ce16	ENCLOSURE
578	WNF-Q-50-05	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-188	CNQ5KV12PK	4/0/40	dcb7acc5d396	ENCLOSURE
579	WNF-Q-54-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-189	CNQ5KV12NS	4/0/42	dcb7acc5d100	ENCLOSURE
580	WNF-Q-54-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SW000	ONF-SW000-190	CNQ5KV12PJ	4/0/44	dcb7acc5d206	ENCLOSURE

LOWER AND MIDDLE BOWL ACCESS POINT SCHEDULE

SCALE: N.T.S.

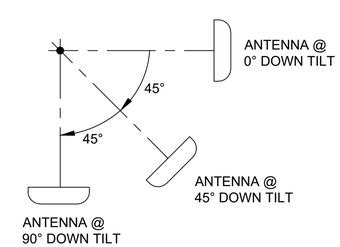
NOTES:

1. -

AS-BUILT DRAWINGS NOVEMBER 7, 2024

DOWN TILT DEFINITION

CEILING/ROOF



FLOOR

EQUIPMENT MANUFACTURER

aruba a Hewlett Packard Enterprise company

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REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
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UNIVERSITY OF TENNESSEE KNOXVILLE

NEYLAND STADIUM

HD WI-FI NETWORK DESIGN AND IMPLEMENTATION

ACCESS POINT SCHEDULE

LOWER AND MIDDLE BOWL

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-220
APPROVAL: K. WRIGHT	REV. 2

No.	AP Name	AP Model	AP Type	AP Bracket	Antenna Model	Antenna Downtilt	Elevation	Installation Detail	SER	Cable Label	SN	Switch/Port	MAC	Stealthing
581	WNF-Q-54-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-191	CNQ5KV12NR	4/0/46	dcb7acc5d2fa	ENCLOSURE
582	WNF-Q-54-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-192	CNQ5KV12PR	4/0/48	dcb7acc5d190	ENCLOSURE
583	WNF-Q-54-05	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-193	CNQ5KV12P2	5/0/1	dcb7acc5d480	ENCLOSURE
584	WNF-Q-58-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-194	CNQ5KV12P6	5/0/3	dcb7acc5d2c4	ENCLOSURE
585	WNF-Q-58-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-195	CNQ5KV12P1	5/0/5	dcb7acc5cf2c	ENCLOSURE
586	WNF-Q-58-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-196	CNQ5KV12PG	5/0/7	dcb7acc5d0f8	ENCLOSURE
587	WNF-Q-58-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SW000	ONF-SW000-197	CNQ5KV12NY	5/0/9	dcb7acc5cebe	ENCLOSURE
588	WNF-Q-58-05	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-198	CNQ5KV12PD	5/0/11	dcb7acc5d01a	ENCLOSURE
589	WNF-Q-62-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-199	CNQ5KV12NQ	5/0/13	dcb7acc5cf5e	ENCLOSURE
590	WNF-Q-62-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SW000	ONF-SW000-200	CNQ5KV12PW	5/0/15	dcb7acc5cfce	ENCLOSURE
591	WNF-Q-62-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-201	CNQ5KV12NT	5/0/17	dcb7acc5d4f4	ENCLOSURE
592	WNF-Q-62-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-202	CNQ5KV12NV	5/0/19	dcb7acc5cdea	ENCLOSURE
593	WNF-Q-62-05	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-203	CNQ5KV12NX	5/0/21	dcb7acc5d2c8	ENCLOSURE
594	WNF-R-3-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D11	NF-WE050	ONF-WE050-27	CNQ5KV12NZ	1/0/12	dcb7acc5d132	ENCLOSURE
595	WNF-R-3-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D11	NF-WE050	ONF-WE050-28	CNQ5KV12PZ	1/0/8	dcb7acc5d2c6	ENCLOSURE
596	WNF-R-6-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D11	NF-WE050	ONF-WE050-5	CNQ5KV12VL	1/0/9	dcb7acc5d3a4	ENCLOSURE
597	WNF-R-6-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D11	NF-WE050	ONF-WE050-30	CNQ5KV10N0	1/0/7	dcb7acc65d52	ENCLOSURE
598	WNF-R-6-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D11	NF-WE050	ONF-WE050-8	CNQ5KV12PM	1/0/15	dcb7acc5cdf6	ENCLOSURE
599	WNF-R-11-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D11	NF-WE050	ONF-WE050-9	CNQ5KV12PV	1/0/17	dcb7acc5d018	ENCLOSURE
600	WNF-R-11-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D11	NF-WE050	ONF-WE050-33	CNQ5KV12PL	1/0/18	dcb7acc5d1c8	ENCLOSURE
601	WNF-R-15-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D11	NF-WE050	ONF-WE050-32	CNQ5KV12MM	1/0/16	dcb7acc5cf9e	ENCLOSURE
602	WNF-R-15-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D11	NF-WE050	ONF-WE050-35	CNQ5KV12MP	1/0/22	dcb7acc6672c	ENCLOSURE
603	WNF-R-15-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D11	NF-WE050	ONF-WE050-036	CNQ5KV12MY	1/0/24	dcb7acc5d170	ENCLOSURE
604	WNF-R-25-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-62	CNQ5KV12MS	5/0/34	dcb7acc5d342	ENCLOSURE
605	WNF-R-25-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-285	CNQ5KV12N3	6/0/40	dcb7acc5cd7a	ENCLOSURE
606	WNF-R-29-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-262	CNQ5KV12ML	6/0/41	dcb7acc5d482	ENCLOSURE
607	WNF-R-29-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SW000	ONF-SW000-223	CNQ5KV12MZ	5/0/14	dcb7acc5d18a	ENCLOSURE
608	WNF-R-33-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-233	CNQ5KV12N7	5/0/22	dcb7acc5cd46	ENCLOSURE
609	WNF-R-33-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SW000	ONF-SW000-236	CNQ5KV12N8	5/0/40	dcb7acc5d20e	ENCLOSURE
610	WNF-R-37-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-226	CNQ5KV12N4	5/0/20	dcb7acc5d392	ENCLOSURE
611	WNF-R-37-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-230	CNQ5KV12N2	5/0/28	dcb7acc5d3a2	ENCLOSURE
612	WNF-R-41-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-228	CNQ5KV11NL	5/0/24	dcb7acc5caea	ENCLOSURE
613	WNF-R-41-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-263	CNQ5KV12XF	6/0/43	dcb7acc5d53a	ENCLOSURE
614	WNF-R-45-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-259	CNQ5KV12XC	6/0/35	dcb7acc5d274	ENCLOSURE
615	WNF-R-45-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-286	CNQ5KV12XN	6/0/42	dcb7acc5d54e	ENCLOSURE
616	WNF-R-49-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-221	CNQ5KV12XK	5/0/10	dcb7acc5d528	ENCLOSURE
617	WNF-R-49-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-283	CNQ5KV12XD	6/0/36	dcb7acc5cf94	ENCLOSURE
618	WNF-R-53-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-237	CNQ5KV12XB	5/0/42	dcb7acc5d4d6	ENCLOSURE
619	WNF-R-53-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-287	CNQ5KV12XX	6/0/44	dcb7acc5d040	ENCLOSURE
620	WNF-R-57-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-265	CNQ5KV12XV	6/0/47	dcb7acc5d09c	ENCLOSURE
621	WNF-R-57-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW000	ONF-SW000-261	CNQ5KV12Y4	6/0/39	dcb7acc5cdda	ENCLOSURE
622	WNF-S-3-01	565	Omni	N/A	N/A	N/A	UNDERSEAT	D15	NF-WE050	ONF-WE050-11	CNQ9KWC05V	1/0/21	dcb7accf5a0c	---
623	WNF-S-3-02	565	Omni	N/A	N/A	N/A	UNDERSEAT	D15	NF-WE050	ONF-WE050-12	CNQ9KWC0H0	1/0/23	dcb7accf5b10	---
624	WNF-S-3-03	565	Omni	N/A	N/A	N/A	UNDERSEAT	D15	NF-WE050	ONF-WE050-40	CNQ9KWC032	1/0/32	dcb7accf5aa8	---
625	WNF-S-6-01	565	Omni	N/A	N/A	N/A	UNDERSEAT	D15	NF-WE050	ONF-WE050-123	CNQ9KWC0LH	1/0/34	dcb7accf5c06	---
626	WNF-S-6-02	565	Omni	N/A	N/A	N/A	UNDERSEAT	D15	NF-WE050	ONF-WE050-43	CNQ9KWC0K1	1/0/38	dcb7accf561c	---
627	WNF-S-11-01	565	Omni	N/A	N/A	N/A	UNDERSEAT	D15	NF-WE050	ONF-WE050-44	CNQ9KWC0L7	1/0/40	dcb7accf5746	---
628	WNF-S-11-02	565	Omni	N/A	N/A	N/A	UNDERSEAT	D15	NF-WE050	ONF-WE050-38	CNQ9KWC05G	1/0/28	dcb7accf5aa6	---
629	WNF-S-11-03	565	Omni	N/A	N/A	N/A	UNDERSEAT	D15	NF-WE050	ONF-WE050-46	CNQ9KWC0KQ	1/0/46	dcb7accf5874	---
630	WNF-S-15-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D11	NF-WE050	ONF-WE050-39	CNQ5KV11DT	1/0/26	dcb7acc5c580	ENCLOSURE
631	WNF-S-15-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D11	NF-WE050	ONF-WE050-42	CNQ5KV12SF	1/0/36	dcb7acc5cea8	ENCLOSURE
632	WNF-S-25-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-231	CNQ5KV12SK	5/0/30	dcb7acc5cf9a	ENCLOSURE
633	WNF-S-25-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW000	ONF-SW000-264	CNQ5KV12S3	6/0/45	dcb7acc5cf76	ENCLOSURE
634	WNF-S-29-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-229	CNQ5KV12RT	5/0/26	dcb7acc5d234	ENCLOSURE
635	WNF-S-29-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-WMEZ1	ONF-WMEZ1-1	CNQ5KV12SY	1/0/1	dcb7acc5d3b2	ENCLOSURE
636	WNF-S-33-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SW000	ONF-SW000-225	CNQ5KV12S1	5/0/18	dcb7acc5d420	ENCLOSURE
637	WNF-S-33-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-240	CNQ5KV11C3	5/0/48	dcb7acc5bfba	ENCLOSURE
638	WNF-S-33-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-WMEZ1	ONF-WMEZ1-2	CNQ5KV117Z	1/0/3	dcb7acc5c262	ENCLOSURE

LOWER AND MIDDLE BOWL ACCESS POINT SCHEDULE

SCALE: N.T.S.

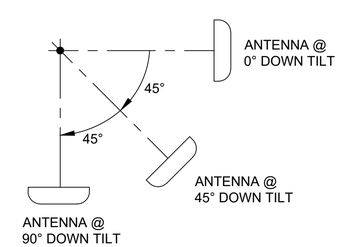
NOTES:

1. -

AS-BUILT DRAWINGS NOVEMBER 7, 2024

DOWN TILT DEFINITION

CEILING/ROOF



FLOOR

EQUIPMENT MANUFACTURER

aruba
a Hewlett Packard Enterprise company

CLIENT

THE UNIVERSITY OF TENNESSEE KNOXVILLE

REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
2	11/07/24	AS-BUILT	JPP	BML	KMW
0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BLM	KMW
A	05/02/23	ISSUED FOR APPROVAL	LTT	BLM	KMW

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UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
ACCESS POINT SCHEDULE
LOWER AND MIDDLE BOWL

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-221 — REV. 2
APPROVAL: K. WRIGHT	

No.	AP Name	AP Model	AP Type	AP Bracket	Antenna Model	Antenna Downtilt	Elevation	Installation Detail	SER	Cable Label	SN	Switch/Port	MAC	Stealthing
639	WNF-S-37-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-232	CNQ5KV117M	5/0/32	dcb7acc5ca0a	ENCLOSURE
640	WNF-S-37-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-WMEZ1	ONF-WMEZ1-3	CNQ5KV11BG	1/0/5	dcb7acc5c338	ENCLOSURE
641	WNF-S-41-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SW000	ONF-SW000-288	CNQ5KV117V	6/0/46	dcb7acc5c0c2	ENCLOSURE
642	WNF-S-41-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-222	CNQ5KV117G	5/0/12	dcb7acc5c02e	ENCLOSURE
643	WNF-S-41-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-WMEZ1	ONF-WMEZ1-5	CNQ5KV12N0	1/0/9	dcb7acc5cdc6	ENCLOSURE
644	WNF-S-45-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-260	CNQ5KV12MX	6/0/37	dcb7acc5d400	ENCLOSURE
645	WNF-S-45-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-WMEZ1	ONF-WMEZ1-6	CNQ5KV12MT	1/0/11	dcb7acc5d004	ENCLOSURE
646	WNF-S-49-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SW000	ONF-SW000-235	CNQ5KV12MN	5/0/38	dcb7acc5d550	ENCLOSURE
647	WNF-S-49-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-234	CNQ5KV12MW	5/0/36	dcb7acc5d15e	ENCLOSURE
648	WNF-S-49-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-WMEZ1	ONF-WMEZ1-30	CNQ5KV12MR	1/0/12	dcb7acc5d3aa	ENCLOSURE
649	WNF-S-53-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-238	CNQ5KV12RH	5/0/44	dcb7acc5d4da	ENCLOSURE
650	WNF-S-53-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-WMEZ1	ONF-WMEZ1-7	CNQ5KV12RJ	1/0/13	dcb7acc5d408	ENCLOSURE
651	WNF-S-57-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SW000	ONF-SW000-239	CNQ5KV12RL	5/0/46	dcb7acc5cd54	ENCLOSURE
652	WNF-S-57-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW000	ONF-SW000-284	CNQ5KV12R7	6/0/38	dcb7acc5cd9c	ENCLOSURE
653	WNF-S-57-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-WMEZ1	ONF-WMEZ1-8	CNQ5KV12TL	1/0/15	dcb7acc5d3f0	ENCLOSURE
654	WNF-T-3-01	565	Omni	N/A	N/A	N/A	UNDERSEAT	D15	NF-WE050	ONF-WE050-47	CNQ9KWC03M	1/0/44	dcb7accf55ea	---
655	WNF-T-3-02	565	Omni	N/A	N/A	N/A	UNDERSEAT	D15	NF-WE050	ONF-WE050-14	CNQ9KWC02K	1/0/27	dcb7accf5790	---
656	WNF-T-6-01	565	Omni	N/A	N/A	N/A	UNDERSEAT	D15	NF-WE050	ONF-WE050-13	CNQ9KWC053	1/0/25	dcb7accf56f0	---
657	WNF-T-6-02	565	Omni	N/A	N/A	N/A	UNDERSEAT	D15	NF-WE050	ONF-WE050-48	CNQ9KWC05J	1/0/48	dcb7accf59d6	---
658	WNF-T-6-03	565	Omni	N/A	N/A	N/A	UNDERSEAT	D15	NF-WE050	ONF-WE050-7	CNQ9KWC0RQ	1/0/13	dcb7accf5aee	---
659	WNF-T-11-01	565	Omni	N/A	N/A	N/A	UNDERSEAT	D15	NF-WE050	ONF-WE050-10	CNQ9KWC055	1/0/19	dcb7accf5902	---
660	WNF-T-11-02	565	Omni	N/A	N/A	N/A	UNDERSEAT	D15	NF-WE050	ONF-WE050-29	CNQ9KWC06B	1/0/10	dcb7accf5d4a	---
661	WNF-T-15-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D11	NF-WE050	ONF-WE050-6	CNQ5KV12T0	1/0/11	dcb7acc5d256	ENCLOSURE
662	WNF-T-15-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D11	NF-WE050	ONF-WE050-31	CNQ5KV12ST	1/0/14	dcb7acc5cd4e	ENCLOSURE
663	WNF-T-15-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D11	NF-WE050	ONF-WE050-34	CNQ5KV12SZ	1/0/20	dcb7acc5d186	ENCLOSURE
664	WNF-T-25-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-WMEZ1	ONF-WMEZ1-10	CNQ5KV12T7	1/0/19	dcb7acc5ccea	ENCLOSURE
665	WNF-T-25-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-WMEZ1	ONF-WMEZ1-55	CNQ5KV12TK	2/0/13	dcb7acc5cfb6	ENCLOSURE
666	WNF-T-29-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-WMEZ1	ONF-WMEZ1-10	CNQ5KV12TD	1/0/17	dcb7acc5d14e	ENCLOSURE
667	WNF-T-29-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-WMEZ1	ONF-WMEZ1-11	CNQ5KV12Q4	1/0/21	dcb7acc5d40a	ENCLOSURE
668	WNF-T-29-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-WMEZ1	ONF-WMEZ1-12	CNQ5KV12Q3	1/0/23	dcb7acc5cf74	ENCLOSURE
669	WNF-T-33-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-WMEZ1	ONF-WMEZ1-14	CNQ5KV12Q1	1/0/27	dcb7acc5d152	ENCLOSURE
670	WNF-T-33-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-WMEZ1	ONF-WMEZ1-13	CNQ5KV12QM	1/0/25	dcb7acc5d440	ENCLOSURE
671	WNF-T-37-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-WMEZ1	ONF-WMEZ1-16	CNQ5KV12Q5	1/0/31	dcb7acc5cd22	ENCLOSURE
672	WNF-T-37-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-WMEZ1	ONF-WMEZ1-38	CNQ5KV12Q7	1/0/29	dcb7acc5d1a6	ENCLOSURE
673	WNF-T-37-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-WMEZ1	ONF-WMEZ1-17	CNQ5KV12PS	1/0/33	dcb7acc5c4c4	ENCLOSURE
674	WNF-T-41-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-WMEZ1	ONF-WMEZ1-18	CNQ5KV12Q6	1/0/35	dcb7acc5cfb4	ENCLOSURE
675	WNF-T-41-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-WMEZ1	ONF-WMEZ1-19	CNQ5KV12PP	1/0/37	dcb7acc5d332	ENCLOSURE
676	WNF-T-45-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-WMEZ1	ONF-WMEZ1-21	CNQ5KV12PY	1/0/39	dcb7acc5d1d2	ENCLOSURE
677	WNF-T-45-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-WMEZ1	ONF-WMEZ1-21	CNQ5KV12PX	1/0/41	dcb7acc5cec2	ENCLOSURE
678	WNF-T-45-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-WMEZ1	ONF-WMEZ1-22	CNQ5KV12Q9	1/0/43	dcb7acc5cebc	ENCLOSURE
679	WNF-T-49-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-WMEZ1	ONF-WMEZ1-23	CNQ5KV12T6	1/0/45	dcb7acc5d512	ENCLOSURE
680	WNF-T-49-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-WMEZ1	ONF-WMEZ1-24	CNQ5KV12N6	1/0/47	dcb7acc5d350	ENCLOSURE
681	WNF-T-53-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-WMEZ1	ONF-WMEZ1-25	CNQ5KV12PT	1/0/2	dcb7acc5d50a	ENCLOSURE
682	WNF-T-53-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-WMEZ1	ONF-WMEZ1-26	CNQ5KV12QH	1/0/4	dcb7acc5d0a4	ENCLOSURE
683	WNF-T-53-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-WMEZ1	ONF-WMEZ1-27	CNQ5KV12QD	1/0/6	dcb7acc5cd24	ENCLOSURE
684	WNF-T-57-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-WMEZ1	ONF-WMEZ1-28	CNQ5KV12PN	1/0/8	dcb7acc5d0cc	ENCLOSURE
685	WNF-T-57-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-WMEZ1	ONF-WMEZ1-29	CNQ5KV12QX	1/0/10	dcb7acc5d066	ENCLOSURE
686	WNF-U-3-01	565	Omni	N/A	N/A	N/A	UNDERSEAT	D15	NF-WE050	ONF-WE050-26	CNQ9KWC059	1/0/4	dcb7accf5a94	---
687	WNF-U-3-02	565	Omni	N/A	N/A	N/A	UNDERSEAT	D15	NF-WE050	ONF-WE050-1	CNQ9KWC0V8	1/0/1	dcb7accf5e32	---
688	WNF-U-6-01	565	Omni	N/A	N/A	N/A	UNDERSEAT	D15	NF-WE050	ONF-WE050-4	CNQ9KWC067	1/0/06	dcb7accf5b44	---
689	WNF-U-6-02	565	Omni	N/A	N/A	N/A	UNDERSEAT	D15	NF-WE050	ONF-WE050-2	CNQ9KWC06D	1/0/3	dcb7accf5e64	---
690	WNF-U-11-01	565	Omni	N/A	N/A	N/A	UNDERSEAT	D15	NF-WE050	ONF-WE050-25	CNQ9KWC06L	1/0/2	dcb7accf5d22	---
691	WNF-U-11-02	565	Omni	N/A	N/A	N/A	UNDERSEAT	D15	NF-WE050	ONF-WE050-3	CNQ9KWC06R	1/0/5	dcb7accf59e2	---
692	WNF-U-15-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D11	NF-WE050	ONF-WE050-37	CNQ5KV12QZ	1/0/30	dcb7acc5cd2a	ENCLOSURE
693	WNF-U-15-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D11	NF-WE050	ONF-WE050-45	CNQ5KV12PH	1/0/42	dcb7acc5cf72	ENCLOSURE
694	WNF-U-25-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-WMEZ1	ONF-WMEZ1-33	CNQ5KV12RW	1/0/18	dcb7acc5d140	ENCLOSURE
695	WNF-U-25-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-WMEZ1	ONF-WMEZ1-34	CNQ5KV12QK	1/0/20	dcb7acc5cd68	ENCLOSURE
696	WNF-U-29-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-WMEZ1	ONF-WMEZ1-35	CNQ5KV12TG	1/0/22	dcb7acc5d2a2	ENCLOSURE

LOWER AND MIDDLE BOWL ACCESS POINT SCHEDULE

SCALE: N.T.S.

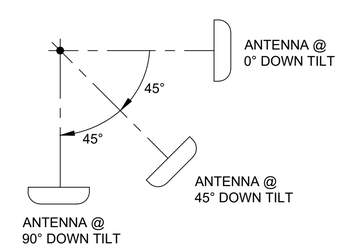
NOTES:

1. -

AS-BUILT DRAWINGS NOVEMBER 7, 2024

DOWN TILT DEFINITION

CEILING/ROOF



FLOOR

EQUIPMENT MANUFACTURER

aruba
a Hewlett Packard Enterprise company

CLIENT

THE UNIVERSITY OF TENNESSEE KNOXVILLE

REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
2	11/07/24	AS-BUILT	JPP	BML	KMW
0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BLM	KMW
A	05/02/23	ISSUED FOR APPROVAL	LTT	BLM	KMW

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UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
ACCESS POINT SCHEDULE
LOWER AND MIDDLE BOWL

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849
DATE: MARCH 1, 2023
DESIGNER: L. TRAN
SCALE: AS NOTED
ENGINEER: B. LEON
DRAWING NO.: TE-23-03849-T-222
REV. 2
APPROVAL: K. WRIGHT

No.	AP Name	AP Model	AP Type	AP Bracket	Antenna Model	Antenna Downtilt	Elevation	Installation Detail	SER	Cable Label	SN	Switch/Port	MAC	Stealthing
697	WNF-U-29-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-WE050	ONF-WE050-20	CNQ5KV12T4	1/0/39	dcb7acc5d13a	ENCLOSURE
698	WNF-U-33-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-WMEZ1	ONF-WMEZ1-36	CNQ5KV12T9	1/0/24	dcb7acc5d0d0	ENCLOSURE
699	WNF-U-33-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-WMEZ1	ONF-WMEZ1-37	CNQ5KV12TB	1/0/26	dcb7acc5d4bc	ENCLOSURE
700	WNF-U-33-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-WE050	ONF-WE050-24	CNQ5KV12T3	1/0/47	dcb7acc5d240	ENCLOSURE
701	WNF-U-37-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-WMEZ1	ONF-WMEZ1-38	CNQ5KV12XY	1/0/28	dcb7acc5d1d4	ENCLOSURE
702	WNF-U-37-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-WE050	ONF-WE050-15	CNQ5KV12R0	1/0/29	dcb7acc5cf2a	ENCLOSURE
703	WNF-U-41-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-WMEZ1	ONF-WMEZ1-42	CNQ5KV12Q2	1/0/36	dcb7acc5cd16	ENCLOSURE
704	WNF-U-41-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-WMEZ1	ONF-WMEZ1-39	CNQ5KV12NN	1/0/30	dcb7acc5cf0c	ENCLOSURE
705	WNF-U-41-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-WE050	ONF-WE050-19	CNQ5KV12PF	1/0/37	dcb7acc5cd5a	ENCLOSURE
706	WNF-U-45-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-WMEZ1	ONF-WMEZ1-40	CNQ5KV12NL	1/0/32	dcb7acc5d312	ENCLOSURE
707	WNF-U-45-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-WE050	ONF-WE050-21	CNQ5KV12NW	1/0/41	dcb7acc5d48c	ENCLOSURE
708	WNF-U-49-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-WMEZ1	ONF-WMEZ1-41	CNQ5KV12RC	1/0/34	dcb7acc5d080	ENCLOSURE
709	WNF-U-49-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-WMEZ1	ONF-WMEZ1-43	CNQ5KV12R3	1/0/38	dcb7acc5d3fc	ENCLOSURE
710	WNF-U-49-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-WE050	ONF-WE050-22	CNQ5KV12R6	1/0/43	dcb7acc5d2be	ENCLOSURE
711	WNF-U-53-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-WMEZ1	ONF-WMEZ1-120	CNQ5KV12R4	1/0/40	dcb7acc5cdc0	ENCLOSURE
712	WNF-U-53-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-WE050	ONF-WE050-23	CNQ5KV12R1	1/0/45	dcb7acc5cd50	ENCLOSURE
713	WNF-U-57-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-WMEZ1	ONF-WMEZ1-45	CNQ5KV12RB	1/0/42	dcb7acc5d34e	ENCLOSURE
714	WNF-U-57-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-WMEZ1	ONF-WMEZ1-20	CNQ5KV10X6	1/0/44	dcb7acc5cc6c	ENCLOSURE
715	WNF-U-57-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-WE050	ONF-WE050-18	CNQ5KV10WK	1/0/35	dcb7acc5bfd2	ENCLOSURE
716	WNF-V-3-01	565	Omni	N/A	N/A	N/A	UNDERSEAT	D15	NF-WE050	ONF-WE050-16	CNQ9KWC0NG	1/0/31	dcb7accf5b46	---
717	WNF-V-3-02	565	Omni	N/A	N/A	N/A	UNDERSEAT	D15	NF-WE050	ONF-WE050-17	CNQ9KWC0JZ	1/0/33	dcb7accf58fc	---
718	WNF-V-3-03	565	Omni	N/A	N/A	N/A	UNDERSEAT	D15	NF-WE050	ONF-WE050-127	CNQ9KWC0RF	3/0/14	dcb7accf579e	---
719	WNF-V-6-01	565	Omni	N/A	N/A	N/A	UNDERSEAT	D15	NF-WE050	ONF-WE050-70	CNQ9KWC04N	2/0/43	dcb7accf572e	---
720	WNF-V-6-02	565	Omni	N/A	N/A	N/A	UNDERSEAT	D15	NF-WE050	ONF-WE050-63	CNQ9KWC05D	2/0/29	dcb7accf5c88	---
721	WNF-V-6-03	565	Omni	N/A	N/A	N/A	UNDERSEAT	D15	NF-WE050	ONF-WE050-62	CNQ9KWC0P2	2/0/27	dcb7accf5612	---
722	WNF-V-11-01	565	Omni	N/A	N/A	N/A	UNDERSEAT	D15	NF-WE050	ONF-WE050-122	CNQ9KWC08B	2/0/33	dcb7accf5d30	---
723	WNF-V-11-02	565	Omni	N/A	N/A	N/A	UNDERSEAT	D15	NF-WE050	ONF-WE050-128	CNQ9KWC0NR	2/0/35	dcb7accf5748	---
724	WNF-V-11-03	565	Omni	N/A	N/A	N/A	UNDERSEAT	D15	NF-WE050	ONF-WE050-126	CNQ9KWC13G	3/0/12	dcb7accf5750	---
725	WNF-V-15-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D11	NF-WE050	ONF-WE050-67	CNQ5KV1338	2/0/37	dcb7acc5d4a2	ENCLOSURE
726	WNF-V-15-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D11	NF-WE050	ONF-WE050-137	CNQ5KV1331	3/0/34	dcb7acc5d30e	ENCLOSURE
727	WNF-V-15-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D11	NF-WE050	ONF-WE050-136	CNQ5KV132X	3/0/32	dcb7acc5d122	ENCLOSURE
728	WNF-V-25-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-WE050	ONF-WE050-64	CNQ5KV111Y	2/0/31	dcb7acc5c654	ENCLOSURE
729	WNF-V-25-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-WE050	ONF-WE050-61	CNQ5KV10ZY	2/0/25	dcb7acc5c5bc	ENCLOSURE
730	WNF-V-29-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-WE050	ONF-WE050-68	CNQ5KV111S	2/0/39	dcb7acc5c20e	ENCLOSURE
731	WNF-V-29-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-WE050	ONF-WE050-95	CNQ5KV11NG	2/0/46	dcb7acc5c6c2	ENCLOSURE
732	WNF-V-29-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-WE050	ONF-WE050-55	CNQ5KV1110	2/0/13	dcb7acc5c602	ENCLOSURE
733	WNF-V-33-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-WE050	ONF-WE050-132	CNQ5KV1109	3/0/24	dcb7acc5c2ce	ENCLOSURE
734	WNF-V-33-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-WE050	ONF-WE050-130	CNQ5KV132J	3/0/20	dcb7acc5d536	ENCLOSURE
735	WNF-V-37-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-WE050	ONF-WE050-76	CNQ5KV1323	2/0/8	dcb7acc5d00a	ENCLOSURE
736	WNF-V-37-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-WE050	ONF-WE050-79	CNQ5KV1325	2/0/14	dcb7acc5d3e2	ENCLOSURE
737	WNF-V-37-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-WE050	ONF-WE050-83	CNQ5KV12ZK	2/0/22	dcb7acc5ce70	ENCLOSURE
738	WNF-V-41-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-WE050	ONF-WE050-77	CNQ5KV132C	2/0/10	dcb7acc5d386	ENCLOSURE
739	WNF-V-41-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-WE050	ONF-WE050-82	CNQ5KV132N	2/0/20	dcb7acc5ce38	ENCLOSURE
740	WNF-V-45-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-WE050	ONF-WE050-84	CNQ5KV10X0	2/0/24	dcb7acc5c522	ENCLOSURE
741	WNF-V-45-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-WE050	ONF-WE050-80	CNQ5KV10XB	2/0/16	dcb7acc5c132	ENCLOSURE
742	WNF-V-45-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-WE050	ONF-WE050-81	CNQ5KV10WT	2/0/18	dcb7acc5c9de	ENCLOSURE
743	WNF-V-49-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-WE050	ONF-WE050-69	CNQ5KV10WG	2/0/41	dcb7acc5c202	ENCLOSURE
744	WNF-V-49-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-WE050	ONF-WE050-71	CNQ5KV10WD	2/0/45	dcb7acc5c9f2	ENCLOSURE
745	WNF-V-53-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-WE050	ONF-WE050-87	CNQ5KV10WC	2/0/30	dcb7acc5cc2e	ENCLOSURE
746	WNF-V-53-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-WE050	ONF-WE050-85	CNQ5KV12Y0	2/0/26	dcb7acc5d158	ENCLOSURE
747	WNF-V-53-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-WE050	ONF-WE050-88	CNQ5KV12Y5	2/0/32	dcb7acc5cfa2	ENCLOSURE
748	WNF-V-57-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-WE050	ONF-WE050-72	CNQ5KV12Y2	2/0/47	dcb7acc5d372	ENCLOSURE
749	WNF-V-57-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-WE050	ONF-WE050-89	CNQ5KV12Y3	2/0/34	dcb7acc5cd8c	ENCLOSURE
750	WNF-W-3-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D11	NF-WE050	ONF-WE050-92	CNQ5KV12Y1	2/0/40	dcb7acc5d052	ENCLOSURE
751	WNF-W-3-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D11	NF-WE050	ONF-WE050-90	CNQ5KV12XY	2/0/36	dcb7acc5cc72	ENCLOSURE
752	WNF-W-3-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D11	NF-WE050	ONF-WE050-96	CNQ5KV117W	2/0/48	dcb7acc5cb6c	ENCLOSURE
753	WNF-W-6-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D11	NF-WE050	ONF-WE050-91	CNQ5KV117Y	2/0/42	dcb7acc5c43a	ENCLOSURE
754	WNF-W-6-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D11	NF-WE050	ONF-WE050-91	CNQ5KV1198	2/0/38	dcb7acc6629a	ENCLOSURE

LOWER AND MIDDLE BOWL ACCESS POINT SCHEDULE

SCALE: N.T.S.

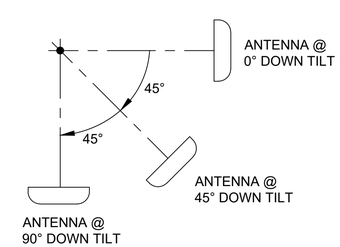
NOTES:

1. -

AS-BUILT DRAWINGS NOVEMBER 7, 2024

DOWN TILT DEFINITION

CEILING/ROOF



FLOOR

EQUIPMENT MANUFACTURER

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REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
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UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
ACCESS POINT SCHEDULE
LOWER AND MIDDLE BOWL

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849
DATE: MARCH 1, 2023
DESIGNER: L. TRAN
SCALE: AS NOTED
ENGINEER: B. LEON
DRAWING NO.: TE-23-03849-T-223
REV. 2
APPROVAL: K. WRIGHT

No.	AP Name	AP Model	AP Type	AP Bracket	Antenna Model	Antenna Downtilt	Elevation	Installation Detail	SER	Cable Label	SN	Switch/Port	MAC	Stealthing
755	WNF-W-6-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D11	NF-WE050	ONF-WE050-123	CNQ5KV11FK	3/0/6	dcb7acc5c448	ENCLOSURE
756	WNF-W-11-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D11	NF-WE050	ONF-WE050-86	CNQ5KV1179	2/0/28	dcb7acc5cc62	ENCLOSURE
757	WNF-W-11-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D11	NF-WE050	ONF-WE050-124	CNQ5KV11CC	3/0/01	dcb7acc5c25a	ENCLOSURE
758	WNF-W-11-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D11	NF-WE050	ONF-WE050-121	CNQ5KV117B	3/0/2	dcb7acc5c8ca	ENCLOSURE
759	WNF-W-15-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D11	NF-WE050	ONF-WE050-58	CNQ5KV1335	3/0/4	dcb7acc5cf7c	ENCLOSURE
760	WNF-W-15-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D11	NF-WE050	ONF-WE050-125	CNQ5KV133C	3/0/16	dcb7acc5ce5c	ENCLOSURE
761	WNF-W-15-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D11	NF-WE050	ONF-WE050-125	CNQ5KV11B7	3/0/10	dcb7acc5c018	ENCLOSURE
762	WNF-W-25-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-WE050	ONF-WE050-50	CNQ5KV11BD	2/0/3	dcb7acc5c7e6	ENCLOSURE
763	WNF-W-25-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-WE050	ONF-WE050-49	CNQ5KV11B1	2/0/1	dcb7acc5c11e	ENCLOSURE
764	WNF-W-29-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-WE050	ONF-WE050-52	CNQ5KV119N	2/0/7	dcb7acc5c41c	ENCLOSURE
765	WNF-W-29-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-WE050	ONF-WE050-51	CNQ5KV119P	2/0/5	dcb7acc5c1a2	ENCLOSURE
766	WNF-W-33-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-WE050	ONF-WE050-129	CNQ5KV1185	3/0/18	dcb7acc5cb5a	ENCLOSURE
767	WNF-W-33-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-WE050	ONF-WE050-131	CNQ5KV119J	3/0/22	dcb7acc5c8c8	ENCLOSURE
768	WNF-W-33-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-WE050	ONF-WE050-53	CNQ5KV1188	2/0/9	dcb7acc5c62c	ENCLOSURE
769	WNF-W-37-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-WE050	ONF-WE050-74	CNQ5KV119D	2/0/4	dcb7acc5cba8	ENCLOSURE
770	WNF-W-37-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-WE050	ONF-WE050-117	CNQ5KV1196	3/0/41	dcb7acc5cc42	ENCLOSURE
771	WNF-W-41-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-WE050	ONF-WE050-134	CNQ5KV118B	3/0/28	dcb7acc5c172	ENCLOSURE
772	WNF-W-41-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-WE050	ONF-WE050-112	CNQ5KV12SS	3/0/31	dcb7acc5cdd8	ENCLOSURE
773	WNF-W-41-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-WE050	ONF-WE050-111	CNQ5KV12QJ	3/0/29	dcb7acc5d1fe	ENCLOSURE
774	WNF-W-45-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-WE050	ONF-WE050-115	CNQ5KV12Q8	3/0/37	dcb7acc5cd38	ENCLOSURE
775	WNF-W-45-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-WE050	ONF-WE050-114	CNQ5KV12P9	3/0/35	dcb7acc5ceb0	ENCLOSURE
776	WNF-W-49-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-WE050	ONF-WE050-116	CNQ5KV12RD	3/0/39	dcb7acc5d1ae	ENCLOSURE
777	WNF-W-49-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-WE050	ONF-WE050-110	CNQ5KV12P8	3/0/27	dcb7acc5cfb0	ENCLOSURE
778	WNF-W-49-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-WE050	ONF-WE050-135	CNQ5KV12RQ	3/0/30	dcb7acc5d204	ENCLOSURE
779	WNF-W-53-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-WE050	ONF-WE050-113	CNQ5KV12RN	3/0/33	dcb7acc5cdf4	ENCLOSURE
780	WNF-W-53-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-WE050	ONF-WE050-133	CNQ5KV12SC	3/0/26	dcb7acc5d086	ENCLOSURE
781	WNF-W-57-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-WE050	ONF-WE050-109	CNQ5KV12S0	3/0/25	dcb7acc5d2d6	ENCLOSURE
782	WNF-W-57-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-WE050	ONF-WE050-78	CNQ5KV12RS	2/0/12	dcb7acc5d25c	ENCLOSURE
783	WNF-W-57-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-WE050	ONF-WE050-75	CNQ5KV12RP	2/0/6	dcb7acc5d172	ENCLOSURE
784	WNF-X1-7-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-52	CNQ5KV12NG	2/0/7	dcb7acc5cd7c	ENCLOSURE
785	WNF-X1-11-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-168	CNQ5KV12NF	4/0/47	dcb7acc5d52a	ENCLOSURE
786	WNF-X1-15-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-51	CNQ5KV12NK	2/0/5	dcb7acc5d492	ENCLOSURE
787	WNF-X1-20-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-45	CNQ5KV12NP	1/0/23	dcb7acc5ce68	ENCLOSURE
788	WNF-X1-25-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-1	CNQ5KV12NH	1/0/1	dcb7acc5d1be	ENCLOSURE
789	WNF-X1-29-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-6	CNQ5KV12MH	1/0/11	dcb7acc5d3cc	ENCLOSURE
790	WNF-X1-29-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-203	CNQ5KV12MD	5/0/23	dcb7acc5d1d8	ENCLOSURE
791	WNF-X1-33-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-200	CNQ5KV12MC	5/0/17	dcb7acc5cfe4	ENCLOSURE
792	WNF-X1-37-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-10	CNQ5KV12MG	1/0/9	dcb7acc5d36e	ENCLOSURE
793	WNF-X1-37-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-63	CNQ5KV12MK	2/0/29	dcb7acc5cef2	ENCLOSURE
794	WNF-X1-41-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-100	CNQ5KV12MF	3/0/7	dcb7acc5d1f8	ENCLOSURE
795	WNF-X1-45-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-196	CNQ5KV12L0	5/0/9	dcb7acc5d1e4	ENCLOSURE
796	WNF-X1-45-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-84	CNQ5KV12L1	2/0/24	dcb7acc5d31c	ENCLOSURE
797	WNF-X1-49-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-194	CNQ5KV12KY	5/0/5	dcb7acc5ce62	ENCLOSURE
798	WNF-X1-53-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-252	CNQ5KV12L3	5/0/24	dcb7acc5cecc	ENCLOSURE
799	WNF-X1-53-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-198	CNQ5KV12L7	5/0/13	dcb7acc5d0ac	ENCLOSURE
800	WNF-X2-20-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-32	CNQ5KV12L2	1/0/16	dcb7acc5ccf0	ENCLOSURE
801	WNF-X2-20-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-28	CNQ5KV12P4	1/0/8	dcb7acc5cf68	ENCLOSURE
802	WNF-X2-25-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-98	CNQ5KV12P7	3/0/3	dcb7acc5d25e	ENCLOSURE
803	WNF-X2-25-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-43	CNQ5KV12P5	1/0/22	dcb7acc5cdc8	ENCLOSURE
804	WNF-X2-29-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-222	CNQ5KV12PB	5/0/12	dcb7acc5cf26	ENCLOSURE
805	WNF-X2-33-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-202	CNQ5KV12PC	5/0/19	dcb7acc5cd44	ENCLOSURE
806	WNF-X2-33-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-97	CNQ5KV12P3	3/0/1	dcb7acc5d514	ENCLOSURE
807	WNF-X2-37-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-201	CNQ5KV12NB	5/0/21	dcb7acc5cd30	ENCLOSURE
808	WNF-X2-37-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-199	CNQ5KV12NC	5/0/15	dcb7acc5d146	ENCLOSURE
809	WNF-X2-37-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-220	CNQ5KV12N5	5/0/8	dcb7acc5cd0e	ENCLOSURE
810	WNF-X2-41-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-193	CNQ5KV12NJ	5/0/3	dcb7acc5d3ee	ENCLOSURE
811	WNF-X2-41-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-8	CNQ5KV12N9	1/0/15	dcb7acc5cea6	ENCLOSURE
812	WNF-X2-45-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-9	CNQ5KV12ND	1/0/17	dcb7acc5d134	ENCLOSURE

LOWER AND MIDDLE BOWL ACCESS POINT SCHEDULE

SCALE: N.T.S.

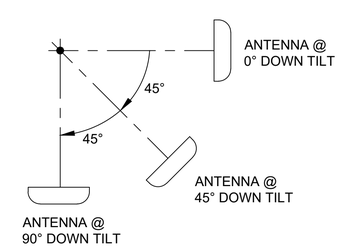
NOTES:

1. -

AS-BUILT DRAWINGS NOVEMBER 7, 2024

DOWN TILT DEFINITION

CEILING/ROOF



FLOOR

EQUIPMENT MANUFACTURER

aruba
a Hewlett Packard Enterprise company

CLIENT

THE UNIVERSITY OF TENNESSEE KNOXVILLE

REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
2	11/07/24	AS-BUILT	JPP	BML	KMW
0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BLM	KMW
A	05/02/23	ISSUED FOR APPROVAL	LTT	BLM	KMW

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UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
ACCESS POINT SCHEDULE
LOWER AND MIDDLE BOWL

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849
DATE: MARCH 1, 2023
DESIGNER: L. TRAN
SCALE: AS NOTED
ENGINEER: B. LEON
DRAWING NO.: TE-23-03849-T-224
REV. 2
APPROVAL: K. WRIGHT

No.	AP Name	AP Model	AP Type	AP Bracket	Antenna Model	Antenna Downtilt	Elevation	Installation Detail	SER	Cable Label	SN	Switch/Port	MAC	Stealthing
813	WNF-X2-45-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-4	CNQ5KV12R9	1/0/7	dcb7acc5cea4	ENCLOSURE
814	WNF-X2-45-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-26	CNQ5KV12RZ	1/0/4	dcb7acc5d042	ENCLOSURE
815	WNF-X2-49-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-37	CNQ5KV12RK	1/0/19	dcb7acc5d21a	ENCLOSURE
816	WNF-X2-49-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-7	CNQ5KV12SX	1/0/13	dcb7acc5d2ec	ENCLOSURE
817	WNF-X2-53-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-227	CNQ5KV12RR	5/0/22	dcb7acc5d4ee	ENCLOSURE
818	WNF-X2-53-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-100	CNQ5KV12TX	3/0/5	dcb7acc5cf3e	ENCLOSURE
819	WNF-X2-53-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-219	CNQ5KV11SX	5/0/6	dcb7acc5c11c	ENCLOSURE
820	WNF-X3-3-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-166	CNQ5KV11TV	4/0/43	dcb7acc5c504	ENCLOSURE
821	WNF-X3-7-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-163	CNQ5KV11T5	4/0/37	dcb7acc5c5f0	ENCLOSURE
822	WNF-X3-7-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-164	CNQ5KV11SV	4/0/39	dcb7acc5c95e	ENCLOSURE
823	WNF-X3-11-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-167	CNQ5KV11TK	4/0/45	dcb7acc5ca34	ENCLOSURE
824	WNF-X3-15-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-165	CNQ5KV11SH	4/0/41	dcb7acc5cb06	ENCLOSURE
825	WNF-X3-15-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-162	CNQ5KV12WW	4/0/35	dcb7acc5d1de	ENCLOSURE
826	WNF-X3-21-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-206	CNQ5KV12WT	5/0/27	dcb7acc5cdf8	ENCLOSURE
827	WNF-X3-21-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-211	CNQ5KV12WM	5/0/37	dcb7acc5d326	ENCLOSURE
828	WNF-X3-25-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-208	CNQ5KV12WS	5/0/33	dcb7acc5d2ea	ENCLOSURE
829	WNF-X3-29-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-223	CNQ5KV12WV	5/0/14	dcb7acc5d2d2	ENCLOSURE
830	WNF-X3-29-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-217	CNQ5KV12WQ	5/0/2	dcb7acc5d1e8	ENCLOSURE
831	WNF-X3-33-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-224	CNQ5KV12W2	5/0/16	dcb7acc5d318	ENCLOSURE
832	WNF-X3-33-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-221	CNQ5KV12V1	5/0/10	dcb7acc5d1e0	ENCLOSURE
833	WNF-X3-33-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-218	CNQ5KV12V2	5/0/4	dcb7acc5d452	ENCLOSURE
834	WNF-X3-37-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-25	CNQ5KV12W0	1/0/2	dcb7acc5d2a8	ENCLOSURE
835	WNF-X3-37-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-41	CNQ5KV12TV	1/0/21	dcb7acc5ce0c	ENCLOSURE
836	WNF-X3-41-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-255	CNQ5KV12V0	5/0/47	dcb7acc5d462	ENCLOSURE
837	WNF-X3-41-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-234	CNQ5KV116H	5/0/36	dcb7acc5bee0	ENCLOSURE
838	WNF-X3-41-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-204	CNQ5KV117J	5/0/25	dcb7acc5c606	ENCLOSURE
839	WNF-X3-45-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-229	CNQ5KV117Q	5/0/26	dcb7acc5ccde	ENCLOSURE
840	WNF-X3-45-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-212	CNQ5KV116K	5/0/39	dcb7acc5c572	ENCLOSURE
841	WNF-X3-49-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-20	CNQ5KV116G	1/0/39	dcb7acc5c502	ENCLOSURE
842	WNF-X3-49-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-18	CNQ5KV116S	1/0/35	dcb7acc5cb82	ENCLOSURE
843	WNF-X3-49-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-239	CNQ5KV12W7	5/0/46	dcb7acc5d450	ENCLOSURE
844	WNF-X3-53-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-210	CNQ5KV12TN	5/0/35	dcb7acc5d3de	ENCLOSURE
845	WNF-X3-53-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-226	CNQ5KV12VM	5/0/20	dcb7acc5d034	ENCLOSURE
846	WNF-X4-20-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-238	CNQ5KV12TF	5/0/44	dcb7acc5d4e4	ENCLOSURE
847	WNF-X4-25-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-24	CNQ5KV12TS	1/0/47	dcb7acc5d546	ENCLOSURE
848	WNF-X4-25-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-21	CNQ5KV12TH	1/0/41	dcb7acc5d142	ENCLOSURE
849	WNF-X4-29-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-22	CNQ5KV12WY	1/0/43	dcb7acc5cde6	ENCLOSURE
850	WNF-X4-33-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-215	CNQ5KV12W4	5/0/45	dcb7acc5d2a6	ENCLOSURE
851	WNF-X4-33-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-235	CNQ5KV12WZ	5/0/38	dcb7acc5d188	ENCLOSURE
852	WNF-X4-37-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-233	CNQ5KV12W9	5/0/34	dcb7acc5d2dc	ENCLOSURE
853	WNF-X4-37-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-42	CNQ5KV12WB	1/0/45	dcb7acc5ceae	ENCLOSURE
854	WNF-X4-37-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-113	CNQ5KV12VZ	3/0/33	dcb7acc5cdb4	ENCLOSURE
855	WNF-X4-41-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-214	CNQ5KV12VV	5/0/43	dcb7acc5cf06	ENCLOSURE
856	WNF-X4-41-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-237	CNQ5KV12VX	5/0/42	dcb7acc5d284	ENCLOSURE
857	WNF-X4-45-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-254	CNQ5KV12VD	5/0/30	dcb7acc5ce52	ENCLOSURE
858	WNF-X4-45-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-213	CNQ5KV12VB	5/0/41	dcb7acc5d3be	ENCLOSURE
859	WNF-X4-45-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-116	CNQ5KV12VH	3/0/39	dcb7acc5d1dc	ENCLOSURE
860	WNF-X4-49-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-230	CNQ5KV12VC	5/0/28	dcb7acc5cd1c	ENCLOSURE
861	WNF-X4-49-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-232	CNQ5KV12VJ	5/0/32	dcb7acc5cf70	ENCLOSURE
862	WNF-X4-53-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-236	CNQ5KV12W3	5/0/40	dcb7acc5d23a	ENCLOSURE
863	WNF-X4-53-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-253	CNQ5KV12VQ	5/0/29	dcb7acc5d138	ENCLOSURE
864	WNF-X4-53-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-136	CNQ5KV12X0	3/0/32	dcb7acc5d04e	ENCLOSURE
865	WNF-X5-3-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-192	CNQ5KV12VP	4/0/48	dcb7acc5d2d8	ENCLOSURE
866	WNF-X5-3-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-188	CNQ5KV12VN	4/0/40	dcb7acc5d0ea	ENCLOSURE
867	WNF-X5-7-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-191	CNQ5KV11WD	4/0/46	dcb7acc5ca96	ENCLOSURE
868	WNF-X5-11-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-190	CNQ5KV11T9	4/0/44	dcb7acc5c72e	ENCLOSURE
869	WNF-X5-11-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-187	CNQ5KV11TT	4/0/38	dcb7acc5cba0	ENCLOSURE
870	WNF-X5-15-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-189	CNQ5KV11W4	4/0/42	dcb7acc5cb1c	ENCLOSURE

LOWER AND MIDDLE BOWL ACCESS POINT SCHEDULE

SCALE: N.T.S.

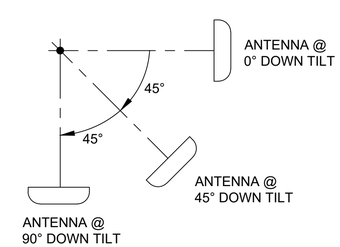
NOTES:

1. -

AS-BUILT DRAWINGS NOVEMBER 7, 2024

DOWN TILT DEFINITION

CEILING/ROOF



FLOOR

EQUIPMENT MANUFACTURER

aruba
a Hewlett Packard Enterprise company

CLIENT

THE UNIVERSITY OF TENNESSEE KNOXVILLE

REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
2	11/07/24	AS-BUILT	JPP	BML	KMW
0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BLM	KMW
A	05/02/23	ISSUED FOR APPROVAL	LTT	BLM	KMW

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UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
ACCESS POINT SCHEDULE
LOWER AND MIDDLE BOWL

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-225
APPROVAL: K. WRIGHT	REV. 2

No.	AP Name	AP Model	AP Type	AP Bracket	Antenna Model	Antenna Downtilt	Elevation	Installation Detail	SER	Cable Label	SN	Switch/Port	MAC	Stealthing
871	WNF-X5-21-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-207	CNQ5KV11X0	5/0/31	dcb7acc5c4c2	ENCLOSURE
872	WNF-X5-21-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-106	CNQ5KV11TL	3/0/19	dcb7acc5c25c	ENCLOSURE
873	WNF-X5-26-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-111	CNQ5KV12WR	3/0/29	dcb7acc5d0f0	ENCLOSURE
874	WNF-X5-29-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-110	CNQ5KV12WX	3/0/27	dbc7acc5d166	ENCLOSURE
875	WNF-X5-29-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-109	CNQ5KV12WP	3/0/25	dcb7acc5cff2	ENCLOSURE
876	WNF-X5-33-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-140	CNQ5KV12WK	3/0/40	dcb7acc5d442	ENCLOSURE
877	WNF-X5-33-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-112	CNQ5KV12WJ	3/0/31	dcb7acc5d51a	ENCLOSURE
878	WNF-X5-33-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-115	CNQ5KV12WG	3/0/37	dcb7acc5d1b6	ENCLOSURE
879	WNF-X5-37-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-149	CNQ5KV12TP	4/0/9	dcb7acc5d2f8	ENCLOSURE
880	WNF-X5-37-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-138	CNQ5KV12TJ	3/0/36	dcb7acc5d224	ENCLOSURE
881	WNF-X5-41-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-198	CNQ5KV12TC	2/0/13	dcb7acc5ce8a	ENCLOSURE
882	WNF-X5-41-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-16	CNQ5KV12VF	1/0/32	dcb7acc5ceb8	ENCLOSURE
883	WNF-X5-41-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-133	CNQ5KV12TM	3/0/26	dcb7acc5d14a	ENCLOSURE
884	WNF-X5-45-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-15	CNQ5KV12T8	1/0/30	dcb7acc5d3d2	ENCLOSURE
885	WNF-X5-45-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-87	CNQ5KV12W5	2/0/30	dcb7acc5d4a6	ENCLOSURE
886	WNF-X5-49-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-134	CNQ5KV12WC	3/0/28	dcb7acc5cf98	ENCLOSURE
887	WNF-X5-49-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-19	CNQ5KV12WF	1/0/37	dcb7acc5ceea	ENCLOSURE
888	WNF-X5-49-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-54	CNQ5KV12W8	2/0/11	dcb7acc5cd74	ENCLOSURE
889	WNF-X5-53-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-117	CNQ5KV12WD	3/0/41	dcb7acc5d0f4	ENCLOSURE
890	WNF-X5-53-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-57	CNQ5KV12WH	2/0/17	dcb7acc5cd32	ENCLOSURE
891	WNF-Y6-3-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-108	CNQ5KV12SW	3/0/23	dcb7acc5d0ee	ENCLOSURE
892	WNF-Y6-7-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-161	CNQ5KV12SD	4/0/33	dcb7acc5d322	ENCLOSURE
893	WNF-Y6-7-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-103	CNQ5KV12T1	3/0/13	dcb7acc5ce2a	ENCLOSURE
894	WNF-Y6-11-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-101	CNQ5KV12T2	3/0/9	dcb7acc5d3a0	ENCLOSURE
895	WNF-Y6-15-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-72	CNQ5KV12SN	2/0/47	dcb7acc5d25a	ENCLOSURE
896	WNF-Y6-15-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-148	CNQ5KV12S8	4/0/7	dcb7acc5d0c8	ENCLOSURE
897	WNF-Y6-20-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-145	CNQ5KV12X7	4/0/1	dcb7acc5d3e8	ENCLOSURE
898	WNF-Y6-20-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-154	CNQ5KV12X1	4/0/21	dcb7acc5ced0	ENCLOSURE
899	WNF-Y6-25-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-6	CNQ5KV12X9	1/0/11	dcb7acc5d4ba	ENCLOSURE
900	WNF-Y6-25-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-11	CNQ5KV12X8	1/0/21	dcb7acc5d1a0	ENCLOSURE
901	WNF-Y6-29-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-118	CNQ5KV12XL	3/0/43	dcb7acc5d4e2	ENCLOSURE
902	WNF-Y6-29-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-35	CNQ5KV12X6	1/0/22	dcb7acc5d49a	ENCLOSURE
903	WNF-Y6-29-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-38	CNQ5KV12V4	1/0/28	dcb7acc5ce7a	ENCLOSURE
904	WNF-Y6-33-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-39	CNQ5KV12VY	1/0/30	dcb7acc5cd94	ENCLOSURE
905	WNF-Y6-33-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-31	CNQ5KV12V6	1/0/14	dcb7acc5d1d0	ENCLOSURE
906	WNF-Y6-37-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-137	CNQ5KV12VG	3/0/34	dcb7acc5d024	ENCLOSURE
907	WNF-Y6-37-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-1	CNQ5KV12V7	1/0/1	dcb7acc5d0ae	ENCLOSURE
908	WNF-Y6-37-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-28	CNQ5KV12V8	1/0/8	dcb7acc5d428	ENCLOSURE
909	WNF-Y6-41-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-5	CNQ5KV12VT	1/0/9	dcb7acc5d03c	ENCLOSURE
910	WNF-Y6-41-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-21	CNQ5KV12VS	1/0/41	dcb7acc5cfc8	ENCLOSURE
911	WNF-Y6-45-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-141	CNQ5KV12VR	3/0/42	dcb7acc5d38a	ENCLOSURE
912	WNF-Y6-45-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-044	CNQ5KV12WL	3/0/37	dcb7acc5d530	ENCLOSURE
913	WNF-Y6-45-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-4	CNQ5KV12VW	1/0/7	dcb7acc5d29a	ENCLOSURE
914	WNF-Y6-49-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-40	CNQ5KV12WN	1/0/32	dcb7acc5d116	ENCLOSURE
915	WNF-Y6-49-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-25	CNQ5KV12W6	1/0/2	dcb7acc5cf22	ENCLOSURE
916	WNF-Y6-53-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-119	CNQ5KV12TY	3/0/45	dcb7acc5d44e	ENCLOSURE
917	WNF-Y6-53-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-41	CNQ5KV12V5	1/0/34	dcb7acc5d518	ENCLOSURE
918	WNF-Y6-53-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-36	CNQ5KV12V9	1/0/24	dcb7acc5d120	ENCLOSURE
919	WNF-Y7-3-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-121	CNQ5KV12W1	3/0/2	dcb7acc5cf78	ENCLOSURE
920	WNF-Y7-3-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-147	CNQ5KV12TR	4/0/5	dcb7acc5d404	ENCLOSURE
921	WNF-Y7-7-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-123	CNQ5KV10PH	3/0/6	dcb7acc5c04a	ENCLOSURE
922	WNF-Y7-11-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-132	CNQ5KV10PT	3/0/24	dcb7acc5c39a	ENCLOSURE
923	WNF-Y7-11-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-146	CNQ5KV10PQ	4/0/3	dcb7acc5ca2c	ENCLOSURE
924	WNF-Y7-15-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-156	CNQ5KV10P7	4/0/25	dcb7acc5cbca	ENCLOSURE
925	WNF-Y7-21-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-158	CNQ5KV10PL	4/0/29	dcb7acc5cc36	ENCLOSURE
926	WNF-Y7-21-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-56	CNQ5KV10PG	2/0/15	dcb7acc5cb7c	ENCLOSURE
927	WNF-Y7-26-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-19	CNQ5KV11Z8	1/0/37	dcb7acc5c9e2	ENCLOSURE
928	WNF-Y7-29-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-20	CNQ5KV10F1	1/0/39	dcb7acc5c4b2	ENCLOSURE

LOWER AND MIDDLE BOWL ACCESS POINT SCHEDULE

SCALE: N.T.S.

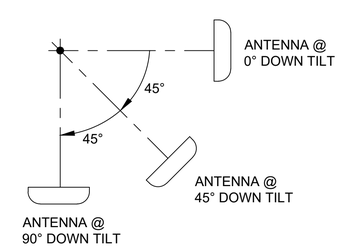
NOTES:

1. -

AS-BUILT DRAWINGS NOVEMBER 7, 2024

DOWN TILT DEFINITION

CEILING/ROOF



FLOOR

EQUIPMENT MANUFACTURER

aruba a Hewlett Packard Enterprise company

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REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
2	11/07/24	AS-BUILT	JPP	BML	KMW
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A	05/02/23	ISSUED FOR APPROVAL	LTT	BLM	KMW

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UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
ACCESS POINT SCHEDULE
LOWER AND MIDDLE BOWL

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849
DATE: MARCH 1, 2023
DESIGNER: L. TRAN
SCALE: AS NOTED
ENGINEER: B. LEON
DRAWING NO.: TE-23-03849-T-226
REV. 2
APPROVAL: K. WRIGHT

No.	AP Name	AP Model	AP Type	AP Bracket	Antenna Model	Antenna Downtilt	Elevation	Installation Detail	SER	Cable Label	SN	Switch/Port	MAC	Stealthing
929	WNF-Y7-29-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-16	CNQ5KV10FC	1/0/31	dcb7acc5ca3c	ENCLOSURE
930	WNF-Y7-33-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-30	CNQ5KV11NJ	1/0/12	dcb7acc5bfd8	ENCLOSURE
931	WNF-Y7-33-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-33	CNQ5KV11ND	1/0/18	dcb7acc5caf0	ENCLOSURE
932	WNF-Y7-33-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-22	CNQ5KV10FF	1/0/43	dcb7acc5ca82	ENCLOSURE
933	WNF-Y7-37-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-32	CNQ5KV11V1	1/0/16	dcb7acc5c658	ENCLOSURE
934	WNF-Y7-37-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-13	CNQ5KV11VC	1/0/25	dcb7acc5c242	ENCLOSURE
935	WNF-Y7-41-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-23	CNQ5KV11W5	1/0/45	dcb7acc5c47a	ENCLOSURE
936	WNF-Y7-41-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-37	CNQ5KV11TQ	1/0/26	dcb7acc5c532	ENCLOSURE
937	WNF-Y7-41-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-8	CNQ5KV11VQ	1/0/15	dcb7acc5c2f4	ENCLOSURE
938	WNF-Y7-45-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-10	CNQ5KV11VD	1/0/19	dcb7acc5c196	ENCLOSURE
939	WNF-Y7-45-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-17	CNQ5KV10RY	1/0/33	dcb7acc5c486	ENCLOSURE
940	WNF-Y7-49-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-3	CNQ5KV10R6	1/0/5	dcb7acc5c66c	ENCLOSURE
941	WNF-Y7-49-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-14	CNQ5KV10R5	1/0/27	dcb7acc5c14e	ENCLOSURE
942	WNF-Y7-49-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-29	CNQ5KV10R9	1/0/10	dcb7acc5c398	ENCLOSURE
943	WNF-Y7-53-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-42	CNQ5KV10SV	1/0/36	dcb7acc5c378	ENCLOSURE
944	WNF-Y7-53-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-18	CNQ5KV10R3	1/0/35	dcb7acc5c616	ENCLOSURE
945	WNF-Y8-3-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-107	CNQ5KV10RP	3/0/21	dcb7acc5c402	ENCLOSURE
946	WNF-Y8-7-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-129	CNQ5KV10RL	3/0/18	dcb7acc5c738	ENCLOSURE
947	WNF-Y8-7-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-122	CNQ5KV10RZ	3/0/4	dcb7acc5cb2e	ENCLOSURE
948	WNF-Y8-11-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-102	CNQ5KV10RM	3/0/11	dcb7acc5c9f6	ENCLOSURE
949	WNF-Y8-15-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-130	CNQ5KV10SF	3/0/20	dcb7acc5c6b0	ENCLOSURE
950	WNF-Y8-15-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-127	CNQ5KV10RQ	3/0/14	dcb7acc5bfa2	ENCLOSURE
951	WNF-Y8-20-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-53	CNQ5KV11NC	2/0/9	dcb7acc5c59e	ENCLOSURE
952	WNF-Y8-20-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-52	CNQ5KV11YX	2/0/7	dcb7acc5bf7e	ENCLOSURE
953	WNF-Y8-25-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-92	CNQ5KV11YV	2/0/40	dcb7acc5c1ee	ENCLOSURE
954	WNF-Y8-25-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-86	CNQ5KV11YZ	2/0/28	dcb7acc5c450	ENCLOSURE
955	WNF-Y8-29-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-34	CNQ5KV11YW	1/0/20	dcb7acc5c31c	ENCLOSURE
956	WNF-Y8-29-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-91	CNQ5KV11Z0	2/0/38	dcb7acc5c35e	ENCLOSURE
957	WNF-Y8-29-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-45	CNQ5KV11Y1	1/0/42	dcb7acc5c538	ENCLOSURE
958	WNF-Y8-33-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-15	CNQ5KV11YB	1/0/29	dcb7acc5c73c	ENCLOSURE
959	WNF-Y8-33-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-81	CNQ5KV11XS	2/0/18	dcb7acc5c9fc	ENCLOSURE
960	WNF-Y8-37-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-12	CNQ5KV11XZ	1/0/23	dcb7acc5c0d4	ENCLOSURE
961	WNF-Y8-37-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-55	CNQ5KV11Y5	2/0/13	dcb7acc5c20c	ENCLOSURE
962	WNF-Y8-37-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-58	CNQ5KV11Y7	2/0/19	dcb7acc5c166	ENCLOSURE
963	WNF-Y8-41-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-24	CNQ5KV11Z6	1/0/47	dcb7acc5c2a6	ENCLOSURE
964	WNF-Y8-41-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-74	CNQ5KV10F9	2/0/4	dcb7acc5c386	ENCLOSURE
965	WNF-Y8-45-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-27	CNQ5KV10F6	1/0/6	dcb7acc5cbe0	ENCLOSURE
966	WNF-Y8-45-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-54	CNQ5KV10FB	2/0/11	dcb7acc5bf18	ENCLOSURE
967	WNF-Y8-45-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-82	CNQ5KV11Z4	2/0/20	dcb7acc5bfec	ENCLOSURE
968	WNF-Y8-49-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-7	CNQ5KV11Z1	1/0/13	dcb7acc5c1cc	ENCLOSURE
969	WNF-Y8-49-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-84	CNQ5KV11Y8	2/0/24	dcb7acc5c688	ENCLOSURE
970	WNF-Y8-53-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-2	CNQ5KV11W8	1/0/3	dcb7acc5bef2	ENCLOSURE
971	WNF-Y8-53-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-80	CNQ5KV11W1	2/0/16	dcb7acc5c1b4	ENCLOSURE
972	WNF-Y8-53-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-83	CNQ5KV11VZ	2/0/22	dcb7acc5c0f8	ENCLOSURE
973	WNF-Y9-3-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-155	CNQ5KV11W2	4/0/23	dcb7acc5cbb4	ENCLOSURE
974	WNF-Y9-3-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-1	CNQ5KV11VY	1/0/1	dcb7acc5c04e	ENCLOSURE
975	WNF-Y9-7-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-2	CNQ5KV10RW	1/0/3	dcb7acc5c59c	ENCLOSURE
976	WNF-Y9-11-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-MDF	ONF-MDF-157	CNQ5KV10R2	4/0/27	dcb7acc5c9c2	ENCLOSURE
977	WNF-Y9-11-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-3	CNQ5KV10R7	1/0/5	dcb7acc5c0d0	ENCLOSURE
978	WNF-Y9-15-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-4	CNQ5KV10R8	1/0/7	dcb7acc5cb08	ENCLOSURE
979	WNF-Y9-21-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-50	CNQ5KV10RB	2/0/3	dcb7acc5cc88	ENCLOSURE
980	WNF-Y9-21-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-5	CNQ5KV10SK	1/0/9	dcb7acc5c26e	ENCLOSURE
981	WNF-Y9-26-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-46	CNQ5KV10F3	1/0/44	dcb7acc5cab2	ENCLOSURE
982	WNF-Y9-29-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-97	CNQ5KV10F8	3/0/1	dcb7acc5c348	ENCLOSURE
983	WNF-Y9-29-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-99	CNQ5KV10F7	3/0/5	dcb7acc5cab4	ENCLOSURE
984	WNF-Y9-33-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-59	CNQ5KV10F2	2/0/21	dcb7acc5c7b8	ENCLOSURE
985	WNF-Y9-33-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-96	CNQ5KV10F4	2/0/48	dcb7acc5c6ca	ENCLOSURE
986	WNF-Y9-33-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-90	CNQ5KV10F5	2/0/36	dcb7acc5c56a	ENCLOSURE

LOWER AND MIDDLE BOWL ACCESS POINT SCHEDULE

SCALE: N.T.S.

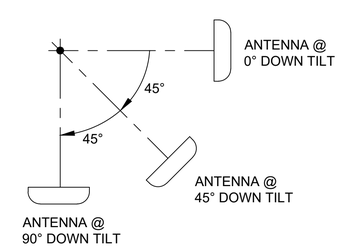
NOTES:

1. -

AS-BUILT DRAWINGS NOVEMBER 7, 2024

DOWN TILT DEFINITION

CEILING/ROOF



FLOOR

EQUIPMENT MANUFACTURER

aruba
a Hewlett Packard Enterprise company

CLIENT

THE UNIVERSITY OF TENNESSEE KNOXVILLE

REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
2	11/07/24	AS-BUILT	JPP	BML	KMW
0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BLM	KMW
A	05/02/23	ISSUED FOR APPROVAL	LTT	BLM	KMW

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UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
ACCESS POINT SCHEDULE
LOWER AND MIDDLE BOWL

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849
DATE: MARCH 1, 2023
DESIGNER: L. TRAN
SCALE: AS NOTED
ENGINEER: B. LEON
DRAWING NO.: TE-23-03849-T-227
REV. 2
APPROVAL: K. WRIGHT

No.	AP Name	AP Model	AP Type	AP Bracket	Antenna Model	Antenna Downtilt	Elevation	Installation Detail	SER	Cable Label	SN	Switch/Port	MAC	Stealthing
987	WNF-Y9-37-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-102	CNQ5KV10VH	3/0/11	dcb7acc5c044	ENCLOSURE
988	WNF-Y9-37-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-106	CNQ5KV10T0	3/0/19	dcb7acc5c672	ENCLOSURE
989	WNF-Y9-41-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-49	CNQ5KV10T2	2/0/1	dcb7acc5cbf2	ENCLOSURE
990	WNF-Y9-41-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-75	CNQ5KV10TV	2/0/6	dcb7acc5c686	ENCLOSURE
991	WNF-Y9-41-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-85	CNQ5KV10VZ	2/0/26	dcb7acc5ca7c	ENCLOSURE
992	WNF-Y9-45-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-48	CNQ5KV10T3	1/0/48	dcb7acc5c7a6	ENCLOSURE
993	WNF-Y9-45-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-67	CNQ5KV10PR	2/0/37	dcb7acc5ca72	ENCLOSURE
994	WNF-Y9-49-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-73	CNQ5KV10PZ	2/0/2	dcb7acc5c656	ENCLOSURE
995	WNF-Y9-49-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-77	CNQ5KV10QS	2/0/10	dcb7acc5cb22	ENCLOSURE
996	WNF-Y9-49-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-63	CNQ5KV10PS	2/0/29	dcb7acc5c0aa	ENCLOSURE
997	WNF-Y9-53-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-88	CNQ5KV10R4	2/0/32	dcb7acc5c6d6	ENCLOSURE
998	WNF-Y9-53-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-79	CNQ5KV10PX	2/0/15	dcb7acc5c5fa	ENCLOSURE
999	WNF-Y10-3-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-6	CNQ5KV10TD	1/0/11	dcb7acc5c57e	ENCLOSURE
1000	WNF-Y10-7-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-144	CNQ5KV11Z5	3/0/48	dcb7acc5c88a	ENCLOSURE
1001	WNF-Y10-7-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-8	CNQ5KV11YY	1/0/15	dcb7acc5c312	ENCLOSURE
1002	WNF-Y10-11-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-9	CNQ5KV11Z3	1/0/17	dcb7acc5c366	ENCLOSURE
1003	WNF-Y10-15-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-10	CNQ5KV11Z7	1/0/19	dcb7acc5c21c	ENCLOSURE
1004	WNF-Y10-15-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-11	CNQ5KV11Z2	1/0/21	dcb7acc5c068	ENCLOSURE
1005	WNF-Y10-20-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-12	CNQ5KV10Q2	1/0/23	dcb7acc5c428	ENCLOSURE
1006	WNF-Y10-20-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-13	CNQ5KV10PY	1/0/25	dcb7acc5c8a4	ENCLOSURE
1007	WNF-Y10-25-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-53	CNQ5KV10QW	2/0/9	dcb7acc5c8a6	ENCLOSURE
1008	WNF-Y10-25-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-221	CNQ5KV10QN	5/0/10	dcb7acc5cc0e	ENCLOSURE
1009	WNF-Y10-29-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-57	CNQ5KV10QG	2/0/17	dcb7acc5cb74	ENCLOSURE
1010	WNF-Y10-29-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-93	CNQ5KV10Q8	2/0/42	dcb7acc5c270	ENCLOSURE
1011	WNF-Y10-29-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-176	CNQ5KV10NY	4/0/16	dcb7acc5c51a	ENCLOSURE
1012	WNF-Y10-33-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-94	CNQ5KV10SZ	2/0/44	dcb7acc5c8ce	ENCLOSURE
1013	WNF-Y10-33-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-95	CNQ5KV10PM	2/0/46	dcb7acc5c07e	ENCLOSURE
1014	WNF-Y10-37-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-79	CNQ5KV10PB	2/0/14	dcb7acc5cb88	ENCLOSURE
1015	WNF-Y10-37-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-69	CNQ5KV10P9	2/0/41	dcb7acc5c180	ENCLOSURE
1016	WNF-Y10-37-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-172	CNQ5KV10S5	4/0/8	dcb7acc5c940	ENCLOSURE
1017	WNF-Y10-41-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-064	CNQ5KV11TG	3/0/9	dcb7acc5cace	ENCLOSURE
1018	WNF-Y10-41-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-130	CNQ5KV11VP	3/0/20	dcb7acc5c6a6	ENCLOSURE
1019	WNF-Y10-45-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-47	CNQ5KV11VR	1/0/46	dcb7acc5c64e	ENCLOSURE
1020	WNF-Y10-45-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-43	CNQ5KV11V3	1/0/38	dcb7acc5c6d0	ENCLOSURE
1021	WNF-Y10-45-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-156	CNQ5KV11W9	4/0/23	dcb7acc5ca8e	ENCLOSURE
1022	WNF-Y10-49-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-65	CNQ5KV11T8	2/0/33	dcb7acc5cbb8	ENCLOSURE
1023	WNF-Y10-49-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-71	CNQ5KV11WM	2/0/45	dcb7acc5c82a	ENCLOSURE
1024	WNF-Y10-53-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-70	CNQ5KV11WG	2/0/43	dcb7acc5c8e6	ENCLOSURE
1025	WNF-Y10-53-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE100	ONF-NE100-72	CNQ5KV11WL	2/0/47	dcb7acc5cacc	ENCLOSURE
1026	WNF-Y10-53-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-153	CNQ5KV11WH	4/0/15	dcb7acc5c272	ENCLOSURE
1027	WNF-Z11-3-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-14	CNQ5KV11WS	1/0/27	dcb7acc5c746	ENCLOSURE
1028	WNF-Z11-3-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-15	CNQ5KV11WP	1/0/29	dcb7acc5c78e	ENCLOSURE
1029	WNF-Z11-7-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-16	CNQ5KV11ZC	1/0/31	dcb7acc5c6a8	ENCLOSURE
1030	WNF-Z11-11-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-17	CNQ5KV11ZD	1/0/33	dcb7acc5c942	ENCLOSURE
1031	WNF-Z11-11-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-18	CNQ5KV11ZJ	1/0/35	dcb7acc5c00a	ENCLOSURE
1032	WNF-Z11-15-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-19	CNQ5KV10FD	1/0/37	dcb7acc5c178	ENCLOSURE
1033	WNF-Z11-21-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-20	CNQ5KV11NN	1/0/39	dcb7acc5c5a2	ENCLOSURE
1034	WNF-Z11-21-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-21	CNQ5KV11ZB	1/0/41	dcb7acc5cb34	ENCLOSURE
1035	WNF-Z11-26-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-227	CNQ5KV11WY	5/0/22	dcb7acc5c520	ENCLOSURE
1036	WNF-Z11-29-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-123	CNQ5KV11WR	5/0/6	dcb7acc5c75e	ENCLOSURE
1037	WNF-Z11-29-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-158	CNQ5KV11WQ	4/0/27	dcb7acc5c2ee	ENCLOSURE
1038	WNF-Z11-33-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-225	CNQ5KV11X1	5/0/18	dcb7acc5c778	ENCLOSURE
1039	WNF-Z11-33-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-169	CNQ5KV11WX	4/0/2	dcb7acc5c1e2	ENCLOSURE
1040	WNF-Z11-33-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-177	CNQ5KV11X7	4/0/18	dcb7acc5c4ee	ENCLOSURE
1041	WNF-Z11-37-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-179	CNQ5KV10NX	4/0/22	dcb7acc5c480	ENCLOSURE
1042	WNF-Z11-37-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-228	CNQ5KV10NZ	5/0/24	dcb7acc5c690	ENCLOSURE
1043	WNF-Z11-41-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-125	CNQ5KV10P8	3/0/10	dcb7acc5c0ca	ENCLOSURE
1044	WNF-Z11-41-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-148	CNQ5KV10NS	4/0/7	dcb7acc5c106	ENCLOSURE

LOWER AND MIDDLE BOWL ACCESS POINT SCHEDULE

SCALE: N.T.S.

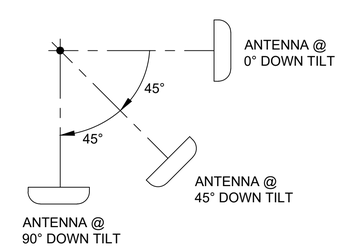
NOTES:

1. -

AS-BUILT DRAWINGS NOVEMBER 7, 2024

DOWN TILT DEFINITION

CEILING/ROOF



FLOOR

EQUIPMENT MANUFACTURER

aruba a Hewlett Packard Enterprise company

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THE UNIVERSITY OF TENNESSEE KNOXVILLE

REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
2	11/07/24	AS-BUILT	JPP	BML	KMW
0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BLM	KMW
A	05/02/23	ISSUED FOR APPROVAL	LTT	BLM	KMW

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UNIVERSITY OF TENNESSEE KNOXVILLE

NEYLAND STADIUM

HD WI-FI NETWORK DESIGN AND IMPLEMENTATION

ACCESS POINT SCHEDULE

LOWER AND MIDDLE BOWL

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-228
APPROVAL: K. WRIGHT	REV. 2

No.	AP Name	AP Model	AP Type	AP Bracket	Antenna Model	Antenna Downtilt	Elevation	Installation Detail	SER	Cable Label	SN	Switch/Port	MAC	Stealthing
1045	WNF-Z11-41-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-222	CNQ5KV10NV	5/0/12	dcb7acc5c8fc	ENCLOSURE
1046	WNF-Z11-45-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-122	CNQ5KV10PF	3/0/4	dcb7acc5c32a	ENCLOSURE
1047	WNF-Z11-45-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-124	CNQ5KV11VJ	3/0/8	dcb7acc5c27e	ENCLOSURE
1048	WNF-Z11-49-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-076	CNQ5KV11V2	5/0/16	dcb7acc5caa8	ENCLOSURE
1049	WNF-Z11-49-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-126	CNQ5KV11TZ	3/0/12	dcb7acc5c1fc	ENCLOSURE
1050	WNF-Z11-49-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-146	CNQ5KV11TC	4/0/3	dcb7acc5c4f0	ENCLOSURE
1051	WNF-Z11-53-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-121	CNQ5KV11TD	3/0/2	dcb7acc5c482	ENCLOSURE
1052	WNF-Z11-53-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-131	CNQ5KV11TF	3/0/22	dcb7acc5c476	ENCLOSURE
1053	WNF-Z12-3-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-22	CNQ5KV11WV	1/0/43	dcb7acc5ca8c	ENCLOSURE
1054	WNF-Z12-7-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-23	CNQ5KV11WZ	1/0/45	dcb7acc5c4e2	ENCLOSURE
1055	WNF-Z12-7-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-24	CNQ5KV11X2	1/0/47	dcb7acc5c2c4	ENCLOSURE
1056	WNF-Z12-11-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-25	CNQ5KV11WW	1/0/2	dcb7acc5c190	ENCLOSURE
1057	WNF-Z12-15-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-26	CNQ5KV11WT	1/0/4	dcb7acc5c426	ENCLOSURE
1058	WNF-Z12-15-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-27	CNQ5KV11XL	1/0/6	dcb7acc5cb2c	ENCLOSURE
1059	WNF-Z12-20-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-28	CNQ5KV10PV	1/0/8	dcb7acc5c354	ENCLOSURE
1060	WNF-Z12-20-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-29	CNQ5KV10PN	1/0/10	dcb7acc5cc8a	ENCLOSURE
1061	WNF-Z12-25-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-152	CNQ5KV10Q9	4/0/13	dcb7acc5c2fe	ENCLOSURE
1062	WNF-Z12-25-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-182	CNQ5KV10QB	4/0/28	dcb7acc5c40c	ENCLOSURE
1063	WNF-Z12-29-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-226	CNQ5KV10Q6	5/0/20	dcb7acc5c81e	ENCLOSURE
1064	WNF-Z12-29-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-184	CNQ5KV10S1	4/0/32	dcb7acc5cc52	ENCLOSURE
1065	WNF-Z12-29-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-186	CNQ5KV10RR	4/0/36	dcb7acc5c3e6	ENCLOSURE
1066	WNF-Z12-33-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-173	CNQ5KV10SL	4/0/10	dcb7acc5c6ea	ENCLOSURE
1067	WNF-Z12-33-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-153	CNQ5KV10S0	4/0/17	dcb7acc5c582	ENCLOSURE
1068	WNF-Z12-37-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-128	CNQ5KV10RT	3/0/16	dcb7acc5c916	ENCLOSURE
1069	WNF-Z12-37-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-107	CNQ5KV10SG	3/0/21	dcb7acc5c9b4	ENCLOSURE
1070	WNF-Z12-37-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-188	CNQ5KV10S4	4/0/40	dcb7acc5c612	ENCLOSURE
1071	WNF-Z12-41-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-237	CNQ5KV10PW	5/0/42	dcb7acc5c122	ENCLOSURE
1072	WNF-Z12-41-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-236	CNQ5KV10NT	5/0/40	dcb7acc5c4da	ENCLOSURE
1073	WNF-Z12-45-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-239	CNQ5KV10NL	5/0/46	dcb7acc5c52a	ENCLOSURE
1074	WNF-Z12-45-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-108	CNQ5KV10P1	3/0/23	dcb7acc5c5b8	ENCLOSURE
1075	WNF-Z12-45-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-145	CNQ5KV10NJ	4/0/1	dcb7acc5c9f4	ENCLOSURE
1076	WNF-Z12-49-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-217	CNQ5KV10P0	5/0/2	dcb7acc5cb56	ENCLOSURE
1077	WNF-Z12-49-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-170	CNQ5KV10QL	4/0/4	dcb7acc5c96a	ENCLOSURE
1078	WNF-Z12-53-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-218	CNQ5KV10QH	5/0/4	dcb7acc5c7a0	ENCLOSURE
1079	WNF-Z12-53-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-150	CNQ5KV10QM	4/0/9	dcb7acc5bfc6	ENCLOSURE
1080	WNF-Z12-53-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-183	CNQ5KV10QR	4/0/30	dcb7acc5c4ce	ENCLOSURE
1081	WNF-Z13-3-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-30	CNQ5KV10QZ	1/0/12	dcb7acc5cae4	ENCLOSURE
1082	WNF-Z13-7-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-31	CNQ5KV10QQ	1/0/14	dcb7acc5c4ec	ENCLOSURE
1083	WNF-Z13-11-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-32	CNQ5KV10R0	1/0/16	dcb7acc5c61e	ENCLOSURE
1084	WNF-Z13-11-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-33	CNQ5KV10RV	1/0/18	dcb7acc5c680	ENCLOSURE
1085	WNF-Z13-15-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-34	CNQ5KV10QP	1/0/20	dcb7acc5c408	ENCLOSURE
1086	WNF-Z13-15-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-35	CNQ5KV10QV	1/0/22	dcb7acc5c970	ENCLOSURE
1087	WNF-Z13-21-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-143	CNQ5KV10RN	3/0/46	dcb7acc5c6fa	ENCLOSURE
1088	WNF-Z13-21-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-37	CNQ5KV10QX	1/0/26	dcb7acc5cba6	ENCLOSURE
1089	WNF-Z13-25-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-174	CNQ5KV11X6	4/0/12	dcb7acc5c292	ENCLOSURE
1090	WNF-Z13-29-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-181	CNQ5KV11X3	4/0/26	dcb7acc5c12e	ENCLOSURE
1091	WNF-Z13-29-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-175	CNQ5KV11X4	4/0/14	dcb7acc5c47e	ENCLOSURE
1092	WNF-Z13-33-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-151	CNQ5KV11X5	4/0/11	dcb7acc5c064	ENCLOSURE
1093	WNF-Z13-33-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-106	CNQ5KV11X8	3/0/19	dcb7acc5c696	ENCLOSURE
1094	WNF-Z13-33-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-99	CNQ5KV11XK	3/0/5	dcb7acc5cabe	ENCLOSURE
1095	WNF-Z13-37-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-155	CNQ5KV11XB	4/0/21	dcb7acc5c620	ENCLOSURE
1096	WNF-Z13-37-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-171	CNQ5KV11X9	4/0/6	dcb7acc5c556	ENCLOSURE
1097	WNF-Z13-41-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-157	CNQ5KV11XD	4/0/25	dcb7acc5ca10	ENCLOSURE
1098	WNF-Z13-41-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-238	CNQ5KV11XC	5/0/44	dcb7acc5c596	ENCLOSURE
1099	WNF-Z13-41-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-104	CNQ5KV11XF	3/0/15	dcb7acc5cc84	ENCLOSURE
1100	WNF-Z13-45-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-191	CNQ5KV11XM	4/0/46	dcb7acc5c0f4	ENCLOSURE
1101	WNF-Z13-45-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-230	CNQ5KV10QK	5/0/28	dcb7acc5c3d0	ENCLOSURE
1102	WNF-Z13-49-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-129	CNQ5KV10QY	3/0/18	dcb7acc5cc5a	ENCLOSURE

LOWER AND MIDDLE BOWL ACCESS POINT SCHEDULE

SCALE: N.T.S.

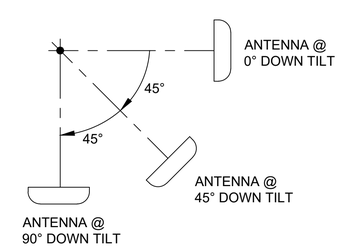
NOTES:

1. -

AS-BUILT DRAWINGS NOVEMBER 7, 2024

DOWN TILT DEFINITION

CEILING/ROOF



FLOOR

EQUIPMENT MANUFACTURER

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a Hewlett Packard Enterprise company

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REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
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A	05/02/23	ISSUED FOR APPROVAL	LTT	BLM	KMW

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UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
ACCESS POINT SCHEDULE
LOWER AND MIDDLE BOWL

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849
DATE: MARCH 1, 2023
DESIGNER: L. TRAN
SCALE: AS NOTED
ENGINEER: B. LEON
DRAWING NO.: TE-23-03849-T-229
REV. 2
APPROVAL: K. WRIGHT

No.	AP Name	AP Model	AP Type	AP Bracket	Antenna Model	Antenna Downtilt	Elevation	Installation Detail	SER	Cable Label	SN	Switch/Port	MAC	Stealthing
1103	WNF-Z13-49-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-185	CNQ5KV10QT	4/0/34	dcb7acc5c08a	ENCLOSURE
1104	WNF-Z13-49-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-105	CNQ5KV10R1	3/0/17	dcb7acc5cc44	ENCLOSURE
1105	WNF-Z13-53-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-162	CNQ5KV10QF	4/0/35	dcb7acc5c974	ENCLOSURE
1106	WNF-Z13-53-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-220	CNQ5KV10QJ	5/0/8	dcb7acc5c55c	ENCLOSURE
1107	WNF-Z14-21-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-36	CNQ5KV11SQ	1/0/24	dcb7acc5bf8e	ENCLOSURE
1108	WNF-Z14-25-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-97	CNQ5KV11TB	3/0/1	dcb7acc5cbee	ENCLOSURE
1109	WNF-Z14-25-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-114	CNQ5KV11TN	3/0/35	dcb7acc5c3b8	ENCLOSURE
1110	WNF-Z14-29-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-112	CNQ5KV11T3	3/0/31	dcb7acc5c234	ENCLOSURE
1111	WNF-Z14-29-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-115	CNQ5KV11T4	3/0/37	dcb7acc5c278	ENCLOSURE
1112	WNF-Z14-29-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-168	CNQ5KV11SR	4/0/47	dcb7acc5ca80	ENCLOSURE
1113	WNF-Z14-33-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-111	CNQ5KV10RS	3/0/29	dcb7acc5c0ec	ENCLOSURE
1114	WNF-Z14-33-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-231	CNQ5KV10ST	3/0/41	dcb7acc5ca52	ENCLOSURE
1115	WNF-Z14-37-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-113	CNQ5KV10SM	3/0/33	dcb7acc5c082	ENCLOSURE
1116	WNF-Z14-37-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-96	CNQ5KV10RH	2/0/48	dcb7acc5c24e	ENCLOSURE
1117	WNF-Z14-37-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-89	CNQ5KV10RK	2/0/34	dcb7acc5bf82	ENCLOSURE
1118	WNF-Z14-41-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-87	CNQ5KV10RJ	2/0/30	dcb7acc5c8ec	ENCLOSURE
1119	WNF-Z14-41-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-137	CNQ5KV11YG	3/0/34	dcb7acc5c0c0	ENCLOSURE
1120	WNF-Z14-45-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-95	CNQ5KV11YK	2/0/46	dcb7acc5c014	ENCLOSURE
1121	WNF-Z14-45-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-232	CNQ5KV11YC	5/0/32	dcb7acc5c82c	ENCLOSURE
1122	WNF-Z14-45-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-134	CNQ5KV11YJ	3/0/28	dcb7acc5cad6	ENCLOSURE
1123	WNF-Z14-49-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-93	CNQ5KV11YN	2/0/42	dcb7acc5c5ac	ENCLOSURE
1124	WNF-Z14-49-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-166	CNQ5KV11YH	4/0/43	dcb7acc5c216	ENCLOSURE
1125	WNF-Z14-53-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-109	CNQ5KV11ZH	3/0/25	dcb7acc5c516	ENCLOSURE
1126	WNF-Z14-53-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-167	CNQ5KV11NM	4/0/45	dcb7acc5c326	ENCLOSURE
1127	WNF-Z14-53-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-133	CNQ5KV11NB	3/0/26	dcb7acc5c642	ENCLOSURE
1128	WNF-Z15-8-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-119	CNQ5KV10RC	3/0/45	dcb7acc5c722	ENCLOSURE
1129	WNF-Z15-11-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-38	CNQ5KV10TB	1/0/28	dcb7acc5c03e	ENCLOSURE
1130	WNF-Z15-15-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-39	CNQ5KV10RF	1/0/30	dcb7acc5ccca	ENCLOSURE
1131	WNF-Z15-20-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-40	CNQ5KV11Y6	1/0/32	dcb7acc5c1f2	ENCLOSURE
1132	WNF-Z15-25-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-110	CNQ5KV11YF	3/0/27	dcb7acc5c18c	ENCLOSURE
1133	WNF-Z15-29-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-101	CNQ5KV11V7	3/0/9	dcb7acc5c97c	ENCLOSURE
1134	WNF-Z15-29-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-94	CNQ5KV11VF	2/0/44	dcb7acc5c904	ENCLOSURE
1135	WNF-Z15-33-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-116	CNQ5KV11VG	3/0/39	dcb7acc5c232	ENCLOSURE
1136	WNF-Z15-37-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-92	CNQ5KV11VL	2/0/40	dcb7acc5c26a	ENCLOSURE
1137	WNF-Z15-37-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-90	CNQ5KV11VW	2/0/36	dcb7acc5c86e	ENCLOSURE
1138	WNF-Z15-41-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-91	CNQ5KV11VV	2/0/38	dcb7acc5cc0c	ENCLOSURE
1139	WNF-Z15-41-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-88	CNQ5KV10TG	2/0/32	dcb7acc5c7c2	ENCLOSURE
1140	WNF-Z15-45-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-142	CNQ5KV10SX	3/0/44	dcb7acc5bff4	ENCLOSURE
1141	WNF-Z15-45-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-135	CNQ5KV10SQ	3/0/30	dcb7acc5c6e6	ENCLOSURE
1142	WNF-Z15-49-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-140	CNQ5KV10RD	3/0/40	dcb7acc5bff2	ENCLOSURE
1143	WNF-Z15-49-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-136	CNQ5KV10RG	3/0/32	dcb7acc5c0da	ENCLOSURE
1144	WNF-Z15-53-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-132	CNQ5KV10RX	3/0/24	dcb7acc5c960	ENCLOSURE
1145	WNF-Z15-53-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-138	CNQ5KV11Y9	3/0/36	dcb7acc5c46a	ENCLOSURE
1146	WNF-Z15-53-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D14	NF-NE000	ONF-NE000-139	CNQ5KV11WN	3/0/38	dcb7acc5bf2e	ENCLOSURE
1147	WNF-16-3-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-MDF	ONF-MDF-125	CNQ5KV10TP	3/0/10	dcb7acc5cb90	ENCLOSURE
1148	WNF-16-3-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-MDF	ONF-MDF-131	CNQ5KV10TR	3/0/22	dcb7acc5c624	ENCLOSURE
1149	WNF-16-3-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-MDF	ONF-MDF-105	CNQ5KV10V9	3/0/17	dcb7acc5c912	ENCLOSURE
1150	WNF-16-7-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-MDF	ONF-MDF-104	CNQ5KV10SN	3/0/15	dcb7acc5c3b6	ENCLOSURE
1151	WNF-16-7-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-MDF	ONF-MDF-128	CNQ5KV10SY	3/0/16	dcb7acc5cc96	ENCLOSURE
1152	WNF-17-3-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NE000	ONF-NE000-44	CNQ5KV10SW	1/0/40	dcb7acc5c62e	ENCLOSURE
1153	WNF-17-3-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NE000	ONF-NE000-43	CNQ5KV10SS	1/0/46	dcb7acc5c314	ENCLOSURE
1154	WNF-17-3-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NE000	ONF-NE000-46	CNQ5KV10T1	1/0/38	dcb7acc5c360	ENCLOSURE
1155	WNF-17-7-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NE000	ONF-NE000-41	CNQ5KV10SR	2/0/03	dcb7acc5bf3e	ENCLOSURE
1156	WNF-17-7-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NE000	ONF-NE000-47	CNQ5KV11NK	1/0/34	dcb7acc5c6b2	ENCLOSURE
1157	WNF-18-3-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NE000	ONF-NE000-48	CNQ5KV11NF	1/0/48	dcb7acc5c77e	ENCLOSURE

LOWER AND MIDDLE BOWL ACCESS POINT SCHEDULE

SCALE: N.T.S.

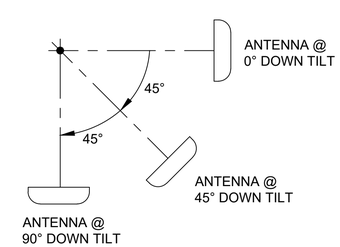
NOTES:

1. -

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

DOWN TILT DEFINITION

CEILING/ROOF



FLOOR

EQUIPMENT MANUFACTURER

aruba
a Hewlett Packard Enterprise company

CLIENT

THE UNIVERSITY OF TENNESSEE KNOXVILLE

REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
2	11/07/24	AS-BUILT	JPP	BML	KMW
0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BLM	KMW
A	05/02/23	ISSUED FOR APPROVAL	LTT	BLM	KMW

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UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
ACCESS POINT SCHEDULE
LOWER AND MIDDLE BOWL

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-230 — REV. 2
APPROVAL: K. WRIGHT	

No.	AP Name	AP Model	AP Type	AP Bracket	Antenna Model	Antenna Downtilt	Elevation	Installation Detail	SER	Cable Label	SN	Switch/Port	MAC	Stealthing
1	WNF-AA-2-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA300	ONF-EA300-1	CNQ5KV114Q	4/0/3	dcb7acc5bfaa	ENCLOSURE
2	WNF-AA-2-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA300	ONF-EA300-2	CNQ5KV114M	4/0/1	dcb7acc5c890	ENCLOSURE
3	WNF-AA-2-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA300	ONF-EA300-3	CNQ5KV114J	4/0/5	dcb7acc5c7bc	ENCLOSURE
4	WNF-AA-6-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA300	ONF-EA300-4	CNQ5KV1148	4/0/9	dcb7acc5ca5c	ENCLOSURE
5	WNF-AA-6-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA300	ONF-EA300-5	CNQ5KV114F	4/0/7	dcb7acc5c838	ENCLOSURE
6	WNF-AA-11-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA300	ONF-EA300-6	CNQ5KV1149	4/0/11	dcb7acc5c48a	ENCLOSURE
7	WNF-AA-11-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA300	ONF-EA300-7	CNQ5KV114Z	4/0/13	dcb7acc5c2c8	ENCLOSURE
8	WNF-AA-11-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA300	ONF-EA300-8	CNQ5KV115D	4/0/15	dcb7acc5cc98	ENCLOSURE
9	WNF-AA-17-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA300	ONF-EA300-9	CNQ5KV114W	4/0/17	dcb7acc5cadc	ENCLOSURE
10	WNF-AA-17-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA300	ONF-EA300-10	CNQ5KV115B	4/0/19	dcb7acc5cbd2	ENCLOSURE
11	WNF-AA-22-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA300	ONF-EA300-12	CNQ5KV1155	4/0/21	dcb7acc5c268	ENCLOSURE
12	WNF-AA-22-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA300	ONF-EA300-13	CNQ5KV1153	4/0/23	dcb7acc5c0a6	ENCLOSURE
13	WNF-AA-22-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-EA300	ONF-EA300-11	CNQ5KV11CK	4/0/25	dcb7acc5c74e	ENCLOSURE
14	WNF-AA-26-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-EA300	ONF-EA300-14	CNQ5KV1165	4/0/27	dcb7acc5c944	ENCLOSURE
15	WNF-AA-31-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-EA300	ONF-EA300-15	CNQ5KV116Q	4/0/33	dcb7acc5caf8	ENCLOSURE
16	WNF-BB-2-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA300	ONF-EA300-16	CNQ5KV117C	4/0/31	dcb7acc5c574	ENCLOSURE
17	WNF-BB-2-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA300	ONF-EA300-17	CNQ5KV115V	4/0/29	dcb7acc5c4b6	ENCLOSURE
18	WNF-BB-2-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA300	ONF-EA300-18	CNQ5KV115X	4/0/35	dcb7acc5c4a8	ENCLOSURE
19	WNF-BB-6-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA300	ONF-EA300-19	CNQ5KV1164	4/0/37	dcb7acc5c670	ENCLOSURE
20	WNF-BB-6-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA300	ONF-EA300-20	CNQ5KV115Z	4/0/39	dcb7acc5c3fa	ENCLOSURE
21	WNF-BB-6-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA300	ONF-EA300-21	CNQ5KV117S	4/0/41	dcb7acc5c968	ENCLOSURE
22	WNF-BB-11-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA300	ONF-EA300-22	CNQ5KV1162	4/0/43	dcb7acc5c924	ENCLOSURE
23	WNF-BB-11-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA300	ONF-EA300-23	CNQ5KV116R	4/0/45	dcb7acc5cc24	ENCLOSURE
24	WNF-BB-11-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA300	ONF-EA300-24	CNQ5KV115Y	4/0/47	dcb7acc5c770	ENCLOSURE
25	WNF-BB-17-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA300	ONF-EA300-25	CNQ5KV115P	4/0/2	dcb7acc5c5e0	ENCLOSURE
26	WNF-BB-17-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA300	ONF-EA300-26	CNQ5KV117P	4/0/4	dcb7acc5c0ba	ENCLOSURE
27	WNF-BB-22-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA300	ONF-EA300-27	CNQ5KV115W	4/0/6	dcb7acc5c264	ENCLOSURE
28	WNF-BB-22-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA300	ONF-EA300-28	CNQ5KV115L	4/0/8	dcb7acc5c420	ENCLOSURE
29	WNF-BB-22-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA300	ONF-EA300-29	CNQ5KV115S	4/0/10	dcb7acc5bfb6	ENCLOSURE
30	WNF-CC-2-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA300	ONF-EA300-30	CNQ5KV1178	4/0/12	dcb7acc5caac	ENCLOSURE
31	WNF-CC-2-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA300	ONF-EA300-31	CNQ5KV115G	4/0/14	dcb7acc5c1ae	ENCLOSURE
32	WNF-CC-6-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA300	ONF-EA300-32	CNQ5KV1158	4/0/16	dcb7acc5c05c	ENCLOSURE
33	WNF-CC-6-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA300	ONF-EA300-33	CNQ5KV116M	4/0/18	dcb7acc5c438	ENCLOSURE
34	WNF-CC-6-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA300	ONF-EA300-34	CNQ5KV115H	4/0/20	dcb7acc5c2ea	ENCLOSURE
35	WNF-CC-11-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA300	ONF-EA300-35	CNQ5KV115N	4/0/22	dcb7acc5cb86	ENCLOSURE
36	WNF-CC-11-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA300	ONF-EA300-36	CNQ5KV1175	4/0/24	dcb7acc5c802	ENCLOSURE
37	WNF-CC-17-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-EA300	ONF-EA300-37	CNQ5KV11T1	4/0/26	dcb7acc5c8b4	ENCLOSURE
38	WNF-CC-22-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA300	ONF-EA300-38	CNQ5KV11W0	4/0/28	dcb7acc5ca68	ENCLOSURE
39	WNF-CC-22-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA300	ONF-EA300-39	CNQ5KV11WK	4/0/30	dcb7acc5c21e	ENCLOSURE
40	WNF-DD-2-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA300	ONF-EA300-40	CNQ5KV11T7	4/0/32	dcb7acc5c022	ENCLOSURE
41	WNF-DD-2-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA300	ONF-EA300-41	CNQ5KV11WF	4/0/34	dcb7acc5ca90	ENCLOSURE
42	WNF-DD-2-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA300	ONF-EA300-42	CNQ5KV11W3	4/0/36	dcb7acc5c812	ENCLOSURE
43	WNF-DD-6-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA300	ONF-EA300-43	CNQ5KV10FG	4/0/38	dcb7acc5c854	ENCLOSURE
44	WNF-DD-6-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA300	ONF-EA300-44	CNQ5KV11XG	4/0/40	dcb7acc5c0fa	ENCLOSURE
45	WNF-DD-11-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA300	ONF-EA300-45	CNQ5KV11XH	4/0/42	dcb7acc5bf60	ENCLOSURE
46	WNF-DD-11-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA300	ONF-EA300-46	CNQ5KV11XN	4/0/44	dcb7acc5cc30	ENCLOSURE
47	WNF-DD-11-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA300	ONF-EA300-47	CNQ5KV11NH	4/0/46	dcb7acc5c89a	ENCLOSURE
48	WNF-DD-17-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA300	ONF-EA300-48	CNQ5KV11XJ	4/0/48	dcb7acc5cc2c	ENCLOSURE
49	WNF-DD-17-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA300	ONF-EA300-49	CNQ5KV10PK	1/0/1	dcb7acc5c994	ENCLOSURE
50	WNF-DD-22-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA300	ONF-EA300-52	CNQ5KV10N7	1/0/7	dcb7acc5c10a	ENCLOSURE
51	WNF-DD-22-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA300	ONF-EA300-50	CNQ5KV10VT	1/0/3	dcb7acc5c7ac	ENCLOSURE
52	WNF-DD-22-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA300	ONF-EA300-51	CNQ5KV10PJ	1/0/5	dcb7acc5c1e8	ENCLOSURE
53	WNF-EE-2-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA300	ONF-EA300-53	CNQ5KV10NB	1/0/9	dcb7acc5c6f6	ENCLOSURE
54	WNF-EE-2-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA300	ONF-EA300-54	CNQ5KV10NG	1/0/11	dcb7acc5c498	ENCLOSURE
55	WNF-EE-6-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA300	ONF-EA300-56	CNQ5KV113M	1/0/15	dcb7acc5c7f6	ENCLOSURE
56	WNF-EE-6-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA300	ONF-EA300-55	CNQ5KV1142	1/0/13	dcb7acc5ca4e	ENCLOSURE
57	WNF-EE-6-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA300	ONF-EA300-57	CNQ5KV1144	1/0/17	dcb7acc5c4a0	ENCLOSURE
58	WNF-EE-11-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA300	ONF-EA300-58	CNQ5KV1147	1/0/19	dcb7acc5ca86	ENCLOSURE

UPPER BOWL ACCESS POINT SCHEDULE

SCALE: N.T.S.

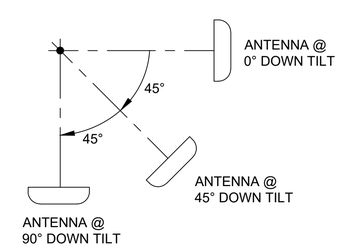
NOTES:

1. -

AS-BUILT DRAWINGS NOVEMBER 7, 2024

DOWN TILT DEFINITION

CEILING/ROOF



FLOOR

EQUIPMENT MANUFACTURER

aruba
a Hewlett Packard Enterprise company

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THE UNIVERSITY OF TENNESSEE KNOXVILLE

REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
2	11/07/24	AS-BUILT	JPP	BML	KMW
0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BLM	KMW
A	05/02/23	ISSUED FOR APPROVAL	LTT	BLM	KMW

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UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
ACCESS POINT SCHEDULE
UPPER BOWL

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-231
APPROVAL: K. WRIGHT	REV. 2

No.	AP Name	AP Model	AP Type	AP Bracket	Antenna Model	Antenna Downtilt	Elevation	Installation Detail	SER	Cable Label	SN	Switch/Port	MAC	Stealthing
59	WNF-EE-11-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA300	ONF-EA300-59	CNQ5KV113X	1/0/21	dcb7acc5c652	ENCLOSURE
60	WNF-EE-17-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-EA300	ONF-EA300-66	CNQ5KV1140	1/0/35	dcb7acc5ca88	ENCLOSURE
61	WNF-EE-22-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA300	ONF-EA300-61	CNQ5KV114H	1/0/25	dcb7acc5c12a	ENCLOSURE
62	WNF-EE-22-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA300	ONF-EA300-62	CNQ5KV1132	1/0/27	dcb7acc5bf7a	ENCLOSURE
63	WNF-FF-2-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA300	ONF-EA300-63	CNQ5KV1133	1/0/29	dcb7acc5c034	ENCLOSURE
64	WNF-FF-2-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA300	ONF-EA300-64	CNQ5KV112Y	1/0/31	dcb7acc5c886	ENCLOSURE
65	WNF-FF-2-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA300	ONF-EA300-65	CNQ5KV1136	1/0/33	dcb7acc5ccbe	ENCLOSURE
66	WNF-FF-6-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA300	ONF-EA300-99	CNQ5KV114T	2/0/5	dcb7acc5c42c	ENCLOSURE
67	WNF-FF-6-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA300	ONF-EA300-67	CNQ5KV10M9	1/0/37	dcb7acc5caa0	ENCLOSURE
68	WNF-FF-11-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA300	ONF-EA300-143	CNQ5KV10MD	2/0/46	dcb7acc5c8cc	ENCLOSURE
69	WNF-FF-11-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-EA300	ONF-EA300-69	CNQ5KV10Q5	1/0/41	dcb7acc5c564	ENCLOSURE
70	WNF-FF-11-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA300	ONF-EA300-70	CNQ5KV10MZ	1/0/43	dcb7acc5c752	ENCLOSURE
71	WNF-FF-17-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA300	ONF-EA300-71	CNQ5KV10MW	1/0/45	dcb7acc5bf9a	ENCLOSURE
72	WNF-FF-17-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA300	ONF-EA300-72	CNQ5KV10NK	1/0/47	dcb7acc5cb4e	ENCLOSURE
73	WNF-FF-22-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-EA300	ONF-EA300-73	CNQ5KV10K5	1/0/2	dcb7acc5c560	ENCLOSURE
74	WNF-FF-22-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-EA300	ONF-EA300-74	CNQ5KV10N4	1/0/4	dcb7acc5c0f2	ENCLOSURE
75	WNF-FF-22-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-EA300	ONF-EA300-75	CNQ5KV10KK	1/0/6	dcb7acc5c1fa	ENCLOSURE
76	WNF-FF-27-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-EA300	ONF-EA300-76	CNQ5KV10LW	1/0/8	dcb7acc5c8ee	ENCLOSURE
77	WNF-FF-31-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-EA300	ONF-EA300-77	CNQ5KV10K6	1/0/10	dcb7acc5cc18	ENCLOSURE
78	WNF-GG-1-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE300	ONF-SE300-92	CNQ5KV10KC	2/0/40	dcb7acc5c3f4	ENCLOSURE
79	WNF-GG-1-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE300	ONF-SE300-99	CNQ5KV10QD	3/0/5	dcb7acc5c194	ENCLOSURE
80	WNF-GG-1-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE300	ONF-SE300-100	CNQ5KV10QC	3/0/7	dcb7acc5c6b8	ENCLOSURE
81	WNF-GG-1-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE300	ONF-SE300-101	CNQ5KV10MN	3/0/9	dcb7acc5cc5c	ENCLOSURE
82	WNF-GG-6-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-93	CNQ5KV10MK	2/0/42	dcb7acc5ca4a	ENCLOSURE
83	WNF-GG-6-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-94	CNQ5KV10MS	2/0/44	dcb7acc5c870	ENCLOSURE
84	WNF-GG-6-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-102	CNQ5KV10MQ	3/0/11	dcb7acc5ccb0	ENCLOSURE
85	WNF-GG-6-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-103	CNQ5KV116C	3/0/13	dcb7acc5c236	ENCLOSURE
86	WNF-GG-6-05	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-109	CNQ5KV118P	3/0/25	dcb7acc5cb24	ENCLOSURE
87	WNF-GG-10-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE300	ONF-SE300-95	CNQ5KV112J	2/0/48	dcb7acc5c6cc	ENCLOSURE
88	WNF-GG-10-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE300	ONF-SE300-96	CNQ5KV116X	2/0/46	dcb7acc5c472	ENCLOSURE
89	WNF-GG-10-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-104	CNQ5KV1173	3/0/15	dcb7acc5c45a	ENCLOSURE
90	WNF-GG-10-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SE300	ONF-SE300-105	CNQ5KV116P	3/0/17	dcb7acc5c908	ENCLOSURE
91	WNF-GG-10-05	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-106	CNQ5KV116Y	3/0/19	dcb7acc5c758	ENCLOSURE
92	WNF-GG-14-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-97	CNQ5KV1130	3/0/1	dcb7acc5c2aa	ENCLOSURE
93	WNF-GG-14-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-98	CNQ5KV112K	3/0/3	dcb7acc5c1b8	ENCLOSURE
94	WNF-GG-14-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-107	CNQ5KV112F	3/0/21	dcb7acc5c5d8	ENCLOSURE
95	WNF-GG-14-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-108	CNQ5KV112M	3/0/23	dcb7acc5c0cc	ENCLOSURE
96	WNF-GG-14-05	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-112	CNQ5KV1122	3/0/41	dcb7acc5c320	ENCLOSURE
97	WNF-GG-18-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-1	CNQ5KV11W6	1/0/1	dcb7acc5cc38	ENCLOSURE
98	WNF-GG-18-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-4	CNQ5KV11SK	1/0/7	dcb7acc5cb10	ENCLOSURE
99	WNF-GG-18-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-7	CNQ5KV11S8	1/0/13	dcb7acc5ca44	ENCLOSURE
100	WNF-GG-18-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SE300	ONF-SE300-10	CNQ5KV11S3	1/0/19	dcb7acc5ccb6	ENCLOSURE
101	WNF-GG-18-05	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SE300	ONF-SE300-13	CNQ5KV11RZ	1/0/25	dcb7acc5bf98	ENCLOSURE
102	WNF-GG-22-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-3	CNQ5KV11SG	1/0/5	dcb7acc5c1e4	ENCLOSURE
103	WNF-GG-22-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-5	CNQ5KV10M5	1/0/11	dcb7acc5c1c0	ENCLOSURE
104	WNF-GG-22-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-8	CNQ5KV10N2	1/0/17	dcb7acc5cafe	ENCLOSURE
105	WNF-GG-22-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-11	CNQ5KV10M4	1/0/23	dcb7acc5c720	ENCLOSURE
106	WNF-GG-22-05	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-14	CNQ5KV10L4	1/0/29	dcb7acc5c304	ENCLOSURE
107	WNF-GG-27-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-2	CNQ5KV10L7	1/0/3	dcb7acc5cca2	ENCLOSURE
108	WNF-GG-27-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-6	CNQ5KV10LC	1/0/9	dcb7acc5c9e4	ENCLOSURE
109	WNF-GG-27-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-9	CNQ5KV10N1	1/0/15	dcb7acc5cc02	ENCLOSURE
110	WNF-GG-27-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SE300	ONF-SE300-12	CNQ5KV10MX	1/0/21	dcb7acc5bef4	ENCLOSURE
111	WNF-GG-27-05	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-15	CNQ5KV10N0	1/0/27	dcb7acc5c84e	ENCLOSURE
112	WNF-GG-33-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-59	CNQ5KV10MH	2/0/21	dcb7acc5c8a2	ENCLOSURE
113	WNF-GG-33-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-60	CNQ5KV10MT	2/0/23	dcb7acc5c0a4	ENCLOSURE
114	WNF-GG-33-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-61	CNQ5KV10MR	2/0/25	dcb7acc5c1d6	ENCLOSURE
115	WNF-GG-33-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-62	CNQ5KV10MB	2/0/27	dcb7acc5c4d4	ENCLOSURE
116	WNF-GG-33-05	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-63	CNQ5KV10LT	2/0/29	dcb7acc5c982	ENCLOSURE

UPPER BOWL ACCESS POINT SCHEDULE

SCALE: N.T.S.

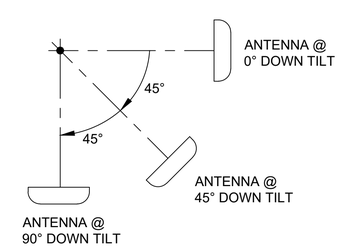
NOTES:

1. -

AS-BUILT DRAWINGS NOVEMBER 7, 2024

DOWN TILT DEFINITION

CEILING/ROOF



FLOOR

EQUIPMENT MANUFACTURER

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REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
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UNIVERSITY OF TENNESSEE KNOXVILLE

NEYLAND STADIUM

HD WI-FI NETWORK DESIGN AND IMPLEMENTATION

ACCESS POINT SCHEDULE

UPPER BOWL

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-232
APPROVAL: K. WRIGHT	REV. 2

No.	AP Name	AP Model	AP Type	AP Bracket	Antenna Model	Antenna Downtilt	Elevation	Installation Detail	SER	Cable Label	SN	Switch/Port	MAC	Stealthing
117	WNF-HH-1-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-110	CNQ5KV10P6	3/0/27	dcb7acc668a0	ENCLOSURE
118	WNF-HH-1-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-111	CNQ5KV10M1	3/0/29	dcb7acc5c56c	ENCLOSURE
119	WNF-HH-1-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE300	ONF-SE300-119	CNQ5KV10M8	3/0/45	dcb7acc5cb96	ENCLOSURE
120	WNF-HH-1-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE300	ONF-SE300-120	CNQ5KV11K6	3/0/47	dcb7acc5c868	ENCLOSURE
121	WNF-HH-1-05	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE300	ONF-SE300-121	CNQ5KV112B	3/0/2	dcb7acc5cb1e	ENCLOSURE
122	WNF-HH-6-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SE300	ONF-SE300-113	CNQ5KV112G	3/0/33	dcb7acc5c87e	ENCLOSURE
123	WNF-HH-6-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-114	CNQ5KV1126	3/0/35	dcb7acc5c3dc	ENCLOSURE
124	WNF-HH-6-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-122	CNQ5KV1125	3/0/4	dcb7acc5c80c	ENCLOSURE
125	WNF-HH-6-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-123	CNQ5KV12MY	3/0/6	dcb7acc5d148	ENCLOSURE
126	WNF-HH-10-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-115	CNQ5KV1124	3/0/31	dcb7acc5c200	ENCLOSURE
127	WNF-HH-10-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-116	CNQ5KV11XP	3/0/37	dcb7acc5cc1a	ENCLOSURE
128	WNF-HH-10-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-124	CNQ5KV11Y4	3/0/8	dcb7acc5c362	ENCLOSURE
129	WNF-HH-10-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SE300	ONF-SE300-125	CNQ5KV11Y2	3/0/10	dcb7acc5bffe	ENCLOSURE
130	WNF-HH-10-05	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-126	CNQ5KV11XW	3/0/12	dcb7acc5c3ec	ENCLOSURE
131	WNF-HH-14-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SE300	ONF-SE300-117	CNQ5KV11XY	3/0/43	dcb7acc5cac6	ENCLOSURE
132	WNF-HH-14-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-118	CNQ5KV11XR	3/0/14	dcb7acc5c3c6	ENCLOSURE
133	WNF-HH-14-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-127	CNQ5KV10NC	3/0/16	dcb7acc5c81c	ENCLOSURE
134	WNF-HH-14-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-128	CNQ5KV10NW	3/0/32	dcb7acc5cb32	ENCLOSURE
135	WNF-HH-18-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-16	CNQ5KV10N9	1/0/31	dcb7acc5c4a4	ENCLOSURE
136	WNF-HH-18-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-17	CNQ5KV10PC	1/0/33	dcb7acc5bf14	ENCLOSURE
137	WNF-HH-18-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-20	CNQ5KV10ND	1/0/39	dcb7acc5ca1a	ENCLOSURE
138	WNF-HH-18-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SE300	ONF-SE300-23	CNQ5KV10P5	1/0/45	dcb7acc5c978	ENCLOSURE
139	WNF-HH-18-05	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-26	CNQ5KV10JX	1/0/4	dcb7acc5ca0c	ENCLOSURE
140	WNF-HH-22-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SE300	ONF-SE300-18	CNQ5KV10JY	1/0/35	dcb7acc5c866	ENCLOSURE
141	WNF-HH-22-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-21	CNQ5KV10K4	1/0/41	dcb7acc5c080	ENCLOSURE
142	WNF-HH-22-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-24	CNQ5KV10KM	1/0/47	dcb7acc5c9d4	ENCLOSURE
143	WNF-HH-22-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-27	CNQ5KV10K0	1/0/6	dcb7acc5c310	ENCLOSURE
144	WNF-HH-27-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-19	CNQ5KV10LF	1/0/37	dcb7acc5bf2c	ENCLOSURE
145	WNF-HH-27-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-22	CNQ5KV10KT	1/0/43	dcb7acc5bf2a	ENCLOSURE
146	WNF-HH-27-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-25	CNQ5KV10KL	1/0/2	dcb7acc5c0a8	ENCLOSURE
147	WNF-HH-27-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SE300	ONF-SE300-28	CNQ5KV10KY	1/0/8	dcb7acc5c5cc	ENCLOSURE
148	WNF-HH-27-05	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-31	CNQ5KV10N5	1/0/14	dcb7acc5c9ca	ENCLOSURE
149	WNF-HH-33-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SE300	ONF-SE300-64	CNQ5KV10L5	2/0/31	dcb7acc5c9ac	ENCLOSURE
150	WNF-HH-33-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-65	CNQ5KV10KV	2/0/33	dcb7acc5c7b2	ENCLOSURE
151	WNF-HH-33-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-66	CNQ5KV10Q3	2/0/35	dcb7acc5c032	ENCLOSURE
152	WNF-HH-33-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-67	CNQ5KV10NP	2/0/37	dcb7acc5c74a	ENCLOSURE
153	WNF-II-1-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-129	CNQ5KV10NN	3/0/18	dcb7acc5c140	ENCLOSURE
154	WNF-II-1-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-130	CNQ5KV10P3	3/0/20	dcb7acc5c69e	ENCLOSURE
155	WNF-II-6-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-131	CNQ5KV10N6	3/0/22	dcb7acc5ca40	ENCLOSURE
156	WNF-II-6-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SE300	ONF-SE300-132	CNQ5KV10Q4	3/0/24	dcb7acc5c5de	ENCLOSURE
157	WNF-II-6-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-133	CNQ5KV1169	3/0/26	dcb7acc5c966	ENCLOSURE
158	WNF-II-10-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-134	CNQ5KV11BJ	3/0/28	dcb7acc5c9fe	ENCLOSURE
159	WNF-II-10-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-135	CNQ5KV117F	3/0/30	dcb7acc5c850	ENCLOSURE
160	WNF-II-14-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-136	CNQ5KV1163	3/0/34	dcb7acc5c160	ENCLOSURE
161	WNF-II-14-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SE300	ONF-SE300-137	CNQ5KV11LZ	3/0/36	dcb7acc5c88c	ENCLOSURE
162	WNF-II-14-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-138	CNQ5KV116W	4/0/5	dcb7acc5c6f8	ENCLOSURE
163	WNF-II-18-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-29	CNQ5KV115C	1/0/10	dcb7acc5c14c	ENCLOSURE
164	WNF-II-18-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-32	CNQ5KV1137	1/0/16	dcb7acc5cb4c	ENCLOSURE
165	WNF-II-22-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-30	CNPLKV10H3	1/0/12	482f6bc139a4	ENCLOSURE
166	WNF-II-22-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SE300	ONF-SE300-33	CNQ5KV1146	1/0/18	dcb7acc5c986	ENCLOSURE
167	WNF-II-22-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-36	CNPLKV10H9	1/0/24	482f6bc132e8	ENCLOSURE
168	WNF-II-27-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-34	CNQ5KV102G	1/0/20	dcb7acc5be6c	ENCLOSURE
169	WNF-II-27-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-37	CNQ5KV101X	1/0/26	dcb7acc5bec2	ENCLOSURE
170	WNF-II-33-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-68	CNQ5KV102P	2/0/39	dcb7acc5be9e	ENCLOSURE
171	WNF-II-33-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SE300	ONF-SE300-69	CNQ5KV101Q	2/0/41	dcb7acc5bec4	ENCLOSURE
172	WNF-II-33-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-70	CNQ5KV1036	2/0/43	dcb7acc5be9c	ENCLOSURE
173	WNF-JJ-1-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE300	ONF-SE300-139	CNQ5KV103F	3/0/38	dcb7acc5be16	ENCLOSURE
174	WNF-JJ-1-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE300	ONF-SE300-140	CNQ5KV10JG	3/0/40	dcb7acc5ccbc	ENCLOSURE

UPPER BOWL ACCESS POINT SCHEDULE

SCALE: N.T.S.

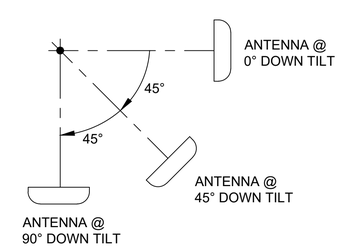
NOTES:

1. -

AS-BUILT DRAWINGS NOVEMBER 7, 2024

DOWN TILT DEFINITION

CEILING/ROOF



FLOOR

EQUIPMENT MANUFACTURER

aruba a Hewlett Packard Enterprise company

CLIENT

THE UNIVERSITY OF TENNESSEE KNOXVILLE

REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
2	11/07/24	AS-BUILT	JPP	BML	KMW
0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BLM	KMW
A	05/02/23	ISSUED FOR APPROVAL	LTT	BLM	KMW

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UNIVERSITY OF TENNESSEE KNOXVILLE

NEYLAND STADIUM

HD WI-FI NETWORK DESIGN AND IMPLEMENTATION

ACCESS POINT SCHEDULE

UPPER BOWL

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-233 — REV. 2
APPROVAL: K. WRIGHT	

No.	AP Name	AP Model	AP Type	AP Bracket	Antenna Model	Antenna Downtilt	Elevation	Installation Detail	SER	Cable Label	SN	Switch/Port	MAC	Stealthing
175	WNF-JJ-1-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE300	ONF-SE300-141	CNQ5KV11Y3	3/0/42	dcb7acc5c902	ENCLOSURE
176	WNF-JJ-6-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-142	CNQ5KV11YP	3/0/44	dcb7acc5bfcc	ENCLOSURE
177	WNF-JJ-6-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-143	CNQ5KV11ZF	3/0/46	dcb7acc5c3a8	ENCLOSURE
178	WNF-JJ-10-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-144	CNQ5KV10JJ	3/0/48	dcb7acc5ca7a	ENCLOSURE
179	WNF-JJ-10-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SE300	ONF-SE300-145	CNQ5KV1022	4/0/1	dcb7acc5be5e	ENCLOSURE
180	WNF-JJ-10-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-146	CNQ5KV102F	4/0/3	dcb7acc5be3a	ENCLOSURE
181	WNF-JJ-14-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-147	CNQ5KV1135	4/0/7	dcb7acc5cae2	ENCLOSURE
182	WNF-JJ-14-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-148	CNQ5KV114L	4/0/24	dcb7acc5cbcc	ENCLOSURE
183	WNF-JJ-18-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-35	CNQ5KV102X	1/0/22	dcb7acc5beb8	ENCLOSURE
184	WNF-JJ-18-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SE300	ONF-SE300-38	CNQ5KV1027	1/0/28	dcb7acc5be8e	ENCLOSURE
185	WNF-JJ-18-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-41	CNQ5KV10JL	1/0/34	dcb7acc5c060	ENCLOSURE
186	WNF-JJ-22-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-39	CNQ5KV10LD	1/0/30	dcb7acc5c288	ENCLOSURE
187	WNF-JJ-22-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-42	CNQ5KV10PD	1/0/36	dcb7acc5c546	ENCLOSURE
188	WNF-JJ-27-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-40	CNQ5KV10LB	1/0/32	dcb7acc5c73a	ENCLOSURE
189	WNF-JJ-27-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SE300	ONF-SE300-43	CNQ5KV10LH	1/0/38	dcb7acc5c66e	ENCLOSURE
190	WNF-JJ-27-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-46	CNQ5KV10LJ	1/0/44	dcb7acc5c074	ENCLOSURE
191	WNF-JJ-33-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-71	CNQ5KV10N3	2/0/45	dcb7acc5c096	ENCLOSURE
192	WNF-JJ-33-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-72	CNQ5KV10LP	2/0/47	dcb7acc5c06a	ENCLOSURE
193	WNF-KK-1-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE300	ONF-SE300-149	CNQ5KV10LQ	4/0/9	dcb7acc5cc2a	ENCLOSURE
194	WNF-KK-1-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-150	CNQ5KV10LX	4/0/11	dcb7acc5bfa6	ENCLOSURE
195	WNF-KK-6-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-151	CNQ5KV10LZ	4/0/13	dcb7acc5ca78	ENCLOSURE
196	WNF-KK-6-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SE300	ONF-SE300-152	CNQ5KV10LM	4/0/15	dcb7acc5ccd0	ENCLOSURE
197	WNF-KK-6-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-153	CNQ5KV10LY	4/0/17	dcb7acc5c7be	ENCLOSURE
198	WNF-KK-10-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-154	CNQ5KV10LR	4/0/19	dcb7acc5cbf8	ENCLOSURE
199	WNF-KK-10-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-155	CNQ5KV115J	4/0/21	dcb7acc5c396	ENCLOSURE
200	WNF-KK-14-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-156	CNQ5KV114C	4/0/25	dcb7acc5c718	ENCLOSURE
201	WNF-KK-14-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SE300	ONF-SE300-157	CNQ5KV1152	4/0/27	dcb7acc5c390	ENCLOSURE
202	WNF-KK-14-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-158	CNQ5KV1156	4/0/45	dcb7acc5c0e6	ENCLOSURE
203	WNF-KK-18-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-44	CNQ5KV114N	1/0/40	dcb7acc5ca76	ENCLOSURE
204	WNF-KK-18-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-47	CNQ5KV114K	1/0/46	dcb7acc5c2d0	ENCLOSURE
205	WNF-KK-22-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-45	CNQ5KV12KK	1/0/42	dcb7acc5d3c0	ENCLOSURE
206	WNF-KK-22-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SE300	ONF-SE300-48	CNQ5KV12KJ	1/0/48	dcb7acc5cfe2	ENCLOSURE
207	WNF-KK-22-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-51	CNQ5KV12KF	2/0/5	dcb7acc5d3f2	ENCLOSURE
208	WNF-KK-27-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-49	CNQ5KV12KG	2/0/1	dcb7acc5d354	ENCLOSURE
209	WNF-KK-27-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-52	CNQ5KV12KD	2/0/7	dcb7acc5d4f2	ENCLOSURE
210	WNF-KK-32-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-63	CNQ5KV12KL	2/0/29	dcb7acc5d424	ENCLOSURE
211	WNF-KK-32-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SW300	ONF-SW300-64	CNQ5KV10TJ	2/0/31	dcb7acc5c2b6	ENCLOSURE
212	WNF-KK-32-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-65	CNQ5KV10TY	2/0/33	dcb7acc5c1f0	ENCLOSURE
213	WNF-LL-1-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-159	CNQ5KV10TH	4/0/29	dcb7acc5c5d2	ENCLOSURE
214	WNF-LL-1-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SE300	ONF-SE300-160	CNQ5KV10TX	4/0/31	dcb7acc5c558	ENCLOSURE
215	WNF-LL-1-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-161	CNQ5KV10TT	4/0/33	dcb7acc5c678	ENCLOSURE
216	WNF-LL-6-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-162	CNQ5KV10TM	4/0/35	dcb7acc5c578	ENCLOSURE
217	WNF-LL-6-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-163	CNQ5KV12K8	4/0/37	dcb7acc5cde4	ENCLOSURE
218	WNF-LL-10-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-164	CNQ5KV12K6	4/0/39	dcb7acc5d244	ENCLOSURE
219	WNF-LL-10-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SE300	ONF-SE300-165	CNQ5KV12K3	4/0/41	dcb7acc5d17c	ENCLOSURE
220	WNF-LL-10-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-166	CNQ5KV12KC	4/0/43	dcb7acc5d22a	ENCLOSURE
221	WNF-LL-14-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-167	CNQ5KV12K9	4/0/47	dcb7acc5d02a	ENCLOSURE
222	WNF-LL-14-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-168	CNQ5KV12K7	4/0/2	dcb7acc5d430	ENCLOSURE
223	WNF-LL-18-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-50	CNQ5KV12MV	2/0/3	dcb7acc5d032	ENCLOSURE
224	WNF-LL-18-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SE300	ONF-SE300-53	CNQ5KV12P0	2/0/9	dcb7acc5d3da	ENCLOSURE
225	WNF-LL-18-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-1	CNQ5KV12MJ	1/0/7	dcb7acc5d008	ENCLOSURE
226	WNF-LL-22-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-54	CNQ5KV12MQ	2/0/11	dcb7acc5ce2e	ENCLOSURE
227	WNF-LL-22-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-55	CNQ5KV12MB	2/0/17	dcb7acc5d19a	ENCLOSURE
228	WNF-LL-27-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SE300	ONF-SE300-56	CNQ5KV12M7	2/0/13	dcb7acc5d16e	ENCLOSURE
229	WNF-LL-27-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SE300	ONF-SE300-57	CNQ5KV12RM	2/0/15	dcb7acc5cd72	ENCLOSURE
230	WNF-LL-27-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SE300	ONF-SE300-58	CNQ5KV12QQ	2/0/19	dcb7acc5d32a	ENCLOSURE
231	WNF-LL-31-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-66	CNQ5KV12S4	2/0/35	dcb7acc5d2b4	ENCLOSURE
232	WNF-LL-31-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-67	CNQ5KV12QT	2/0/37	dcb7acc5d328	ENCLOSURE

UPPER BOWL ACCESS POINT SCHEDULE

SCALE: N.T.S.

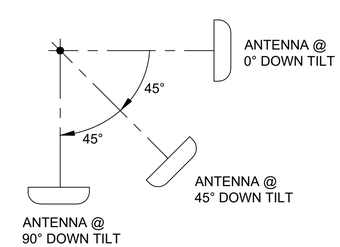
NOTES:

1. -

AS-BUILT DRAWINGS NOVEMBER 7, 2024

DOWN TILT DEFINITION

CEILING/ROOF



FLOOR

EQUIPMENT MANUFACTURER

aruba a Hewlett Packard Enterprise company

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REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
2	11/07/24	AS-BUILT	JPP	BML	KMW
0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BLM	KMW
A	05/02/23	ISSUED FOR APPROVAL	LTT	BLM	KMW

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UNIVERSITY OF TENNESSEE KNOXVILLE

NEYLAND STADIUM

HD WI-FI NETWORK DESIGN AND IMPLEMENTATION

ACCESS POINT SCHEDULE

UPPER BOWL

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-234
APPROVAL: K. WRIGHT	REV. 2

No.	AP Name	AP Model	AP Type	AP Bracket	Antenna Model	Antenna Downtilt	Elevation	Installation Detail	SER	Cable Label	SN	Switch/Port	MAC	Stealthing
233	WNF-MM-1-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-81	CNQ5KV12QR	2/0/18	dcb7acc5d35e	ENCLOSURE
234	WNF-MM-1-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW300	ONF-SW300-83	CNQ5KV12QN	2/0/20	dcb7acc5cf4e	ENCLOSURE
235	WNF-MM-6-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-82	CNQ5KV11RL	2/0/22	dcb7acc5c1d4	ENCLOSURE
236	WNF-MM-6-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SW300	ONF-SW300-84	CNQ5KV11RW	2/0/24	dcb7acc5c258	ENCLOSURE
237	WNF-MM-6-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-88	CNQ5KV11RR	2/0/32	dcb7acc5c998	ENCLOSURE
238	WNF-MM-10-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-85	CNQ5KV11RX	2/0/26	dcb7acc5c79e	ENCLOSURE
239	WNF-MM-10-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-89	CNQ5KV11RT	2/0/34	dcb7acc5c130	ENCLOSURE
240	WNF-MM-14-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-86	CNQ5KV11S4	2/0/28	dcb7acc5cb02	ENCLOSURE
241	WNF-MM-14-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SW300	ONF-SW300-90	CNQ5KV1160	2/0/36	dcb7acc5c9fa	ENCLOSURE
242	WNF-MM-14-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-94	CNQ5KV115F	2/0/44	dcb7acc5c040	ENCLOSURE
243	WNF-MM-18-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-4	CNQ5KV1157	1/0/1	dcb7acc5c06c	ENCLOSURE
244	WNF-MM-18-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-7	CNQ5KV115T	1/0/13	dcb7acc5c9d0	ENCLOSURE
245	WNF-MM-22-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-2	CNQ5KV1150	1/0/3	dcb7acc5cce2	ENCLOSURE
246	WNF-MM-22-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SW300	ONF-SW300-5	CNQ5KV1159	1/0/9	dcb7acc5cb7e	ENCLOSURE
247	WNF-MM-22-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-8	CNQ5KV12QL	1/0/15	dcb7acc5d1c6	ENCLOSURE
248	WNF-MM-27-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-3	CNQ5KV12S2	1/0/5	dcb7acc5ce20	ENCLOSURE
249	WNF-MM-27-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-6	CNQ5KV12SM	1/0/17	dcb7acc5d3fe	ENCLOSURE
250	WNF-MM-32-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-68	CNQ5KV12QV	2/0/39	dcb7acc5d15c	ENCLOSURE
251	WNF-MM-32-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SW300	ONF-SW300-69	CNQ5KV12QP	2/0/41	dcb7acc5cd60	ENCLOSURE
252	WNF-MM-32-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-70	CNQ5KV12RV	2/0/43	dcb7acc5d106	ENCLOSURE
253	WNF-NN-1-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW300	ONF-SW300-87	CNQ5KV12LB	2/0/30	dcb7acc5d0a2	ENCLOSURE
254	WNF-NN-1-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW300	ONF-SW300-91	CNQ5KV12LC	2/0/38	dcb7acc5d270	ENCLOSURE
255	WNF-NN-1-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW300	ONF-SW300-95	CNQ5KV12LF	2/0/46	dcb7acc5d1c2	ENCLOSURE
256	WNF-NN-6-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-92	CNQ5KV12LS	2/0/40	dcb7acc5d502	ENCLOSURE
257	WNF-NN-6-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-96	CNQ5KV12LG	2/0/48	dcb7acc5cd08	ENCLOSURE
258	WNF-NN-10-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-93	CNQ5KV12LH	2/0/42	dcb7acc5d17e	ENCLOSURE
259	WNF-NN-10-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SW300	ONF-SW300-97	CNQ5KV12XT	3/0/1	dcb7acc5cfee	ENCLOSURE
260	WNF-NN-10-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-101	CNQ5KV12X5	3/0/9	dcb7acc5ce76	ENCLOSURE
261	WNF-NN-14-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-98	CNQ5KV12X4	3/0/3	dcb7acc5cdba	ENCLOSURE
262	WNF-NN-14-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-102	CNQ5KV12XG	3/0/11	dcb7acc5d062	ENCLOSURE
263	WNF-NN-18-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-10	CNQ5KV12X3	1/0/19	dcb7acc5d0c4	ENCLOSURE
264	WNF-NN-18-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SW300	ONF-SW300-13	CNQ5KV12X2	1/0/25	dcb7acc5d412	ENCLOSURE
265	WNF-NN-18-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-16	CNQ5KV11BM	1/0/31	dcb7acc5ca3a	ENCLOSURE
266	WNF-NN-22-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-11	CNQ5KV119Y	1/0/21	dcb7acc5c3ea	ENCLOSURE
267	WNF-NN-22-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-14	CNQ5KV11BZ	1/0/27	dcb7acc5c3ba	ENCLOSURE
268	WNF-NN-27-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-9	CNQ5KV119S	1/0/11	dcb7acc5cbc0	ENCLOSURE
269	WNF-NN-27-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SW300	ONF-SW300-12	CNQ5KV11B4	1/0/23	dcb7acc5c8b6	ENCLOSURE
270	WNF-NN-27-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-15	CNQ5KV11BQ	1/0/29	dcb7acc5c4b0	ENCLOSURE
271	WNF-NN-33-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-71	CNQ5KV114V	2/0/45	dcb7acc5bf02	ENCLOSURE
272	WNF-NN-33-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-72	CNQ5KV112X	2/0/47	dcb7acc5c0e2	ENCLOSURE
273	WNF-OO-1-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-99	CNQ5KV112Z	3/0/5	dcb7acc5cb20	ENCLOSURE
274	WNF-OO-1-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-103	CNQ5KV112W	3/0/13	dcb7acc5c6da	ENCLOSURE
275	WNF-OO-6-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-100	CNQ5KV112Q	3/0/7	dcb7acc5c114	ENCLOSURE
276	WNF-OO-6-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SW300	ONF-SW300-104	CNQ5KV112S	3/0/15	dcb7acc5bee4	ENCLOSURE
277	WNF-OO-6-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-108	CNQ5KV12LX	3/0/23	dcb7acc5ce46	ENCLOSURE
278	WNF-OO-10-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-105	CNQ5KV12LW	3/0/17	dcb7acc5cf4c	ENCLOSURE
279	WNF-OO-10-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-109	CNQ5KV12LV	3/0/25	dcb7acc5d094	ENCLOSURE
280	WNF-OO-14-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-106	CNQ5KV12LZ	3/0/19	dcb7acc5d488	ENCLOSURE
281	WNF-OO-14-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SW300	ONF-SW300-110	CNQ5KV12M0	3/0/27	dcb7acc5ccfc	ENCLOSURE
282	WNF-OO-14-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-114	CNQ5KV12M1	3/0/35	dcb7acc5d310	ENCLOSURE
283	WNF-OO-18-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-19	CNQ5KV12K2	1/0/37	dcb7acc5ced8	ENCLOSURE
284	WNF-OO-18-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-22	CNQ5KV12K4	1/0/43	dcb7acc5cdce	ENCLOSURE
285	WNF-OO-22-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-17	CNQ5KV12K1	1/0/33	dcb7acc5cdaa	ENCLOSURE
286	WNF-OO-22-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SW300	ONF-SW300-20	CNQ5KV12KB	1/0/39	dcb7acc5d26e	ENCLOSURE
287	WNF-OO-22-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-23	CNQ5KV12JY	1/0/45	dcb7acc5cf52	ENCLOSURE
288	WNF-OO-27-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-18	CNQ5KV12JZ	1/0/35	dcb7acc5d0d8	ENCLOSURE
289	WNF-OO-27-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-21	CNQ5KV10NF	1/0/41	dcb7acc5c584	ENCLOSURE
290	WNF-OO-33-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-73	CNQ5KV10Q1	2/0/2	dcb7acc5bfbe	ENCLOSURE

UPPER BOWL ACCESS POINT SCHEDULE

SCALE: N.T.S.

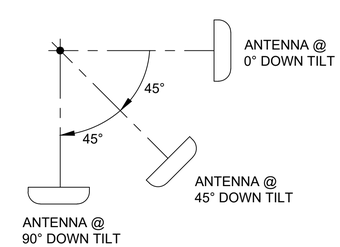
NOTES:

1. -

AS-BUILT DRAWINGS NOVEMBER 7, 2024

DOWN TILT DEFINITION

CEILING/ROOF



FLOOR

EQUIPMENT MANUFACTURER

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REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
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UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
ACCESS POINT SCHEDULE
UPPER BOWL

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-235
APPROVAL: K. WRIGHT	REV. 2

No.	AP Name	AP Model	AP Type	AP Bracket	Antenna Model	Antenna Downtilt	Elevation	Installation Detail	SER	Cable Label	SN	Switch/Port	MAC	Stealthing
291	WNF-OO-33-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SW300	ONF-SW300-74	CNQ5KV10NM	2/0/4	dcb7acc5cac4	ENCLOSURE
292	WNF-OO-33-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-75	CNQ5KV10NR	2/0/6	dcb7acc5cbd8	ENCLOSURE
293	WNF-PP-1-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW300	ONF-SW300-107	CNQ5KV10NH	3/0/21	dcb7acc5c882	ENCLOSURE
294	WNF-PP-1-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW300	ONF-SW300-111	CNQ5KV10V0	3/0/29	dcb7acc5bfa8	ENCLOSURE
295	WNF-PP-1-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW300	ONF-SW300-115	CNQ5KV10KJ	3/0/37	dcb7acc5c07c	ENCLOSURE
296	WNF-PP-1-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-119	CNQ5KV10LN	3/0/45	dcb7acc5c71a	ENCLOSURE
297	WNF-PP-1-05	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-123	CNQ5KV10KH	3/0/6	dcb7acc5c75c	ENCLOSURE
298	WNF-PP-6-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-112	CNQ5KV10Q0	3/0/31	dcb7acc5c208	ENCLOSURE
299	WNF-PP-6-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-116	CNQ5KV10KW	3/0/39	dcb7acc5c186	ENCLOSURE
300	WNF-PP-6-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-120	CNQ5KV10KP	3/0/8	dcb7acc5cb94	ENCLOSURE
301	WNF-PP-6-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SW300	ONF-SW300-124	CNQ5KV10N8	3/0/47	dcb7acc5c116	ENCLOSURE
302	WNF-PP-10-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-113	CNQ5KV10MG	3/0/33	dcb7acc5c2ba	ENCLOSURE
303	WNF-PP-10-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SW300	ONF-SW300-117	CNQ5KV10MJ	3/0/41	dcb7acc5c12c	ENCLOSURE
304	WNF-PP-10-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-121	CNQ5KV10ML	3/0/2	dcb7acc5cb6e	ENCLOSURE
305	WNF-PP-10-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-125	CNQ5KV10MV	3/0/10	dcb7acc5c6e2	ENCLOSURE
306	WNF-PP-10-05	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-127	CNQ5KV10MM	3/0/14	dcb7acc5ccd8	ENCLOSURE
307	WNF-PP-14-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-118	CNQ5KV11MD	3/0/43	dcb7acc5c3a0	ENCLOSURE
308	WNF-PP-14-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-122	CNQ5KV11M8	3/0/4	dcb7acc5c9c4	ENCLOSURE
309	WNF-PP-14-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-126	CNQ5KV11LM	3/0/12	dcb7acc5c3c2	ENCLOSURE
310	WNF-PP-14-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SW300	ONF-SW300-128	CNQ5KV11LX	3/0/16	dcb7acc5c2b4	ENCLOSURE
311	WNF-PP-18-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-25	CNQ5KV11LH	1/0/2	dcb7acc5c2a8	ENCLOSURE
312	WNF-PP-18-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SW300	ONF-SW300-28	CNQ5KV11LD	1/0/8	dcb7acc5cac2	ENCLOSURE
313	WNF-PP-18-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-31	CNQ5KV11LK	1/0/14	dcb7acc5bff8	ENCLOSURE
314	WNF-PP-18-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-34	CNQ5KV11L9	1/0/20	dcb7acc5c824	ENCLOSURE
315	WNF-PP-18-05	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-37	CNQ5KV11LL	1/0/26	dcb7acc5c9b0	ENCLOSURE
316	WNF-PP-22-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-26	CNQ5KV11LN	1/0/4	dcb7acc5c814	ENCLOSURE
317	WNF-PP-22-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-29	CNQ5KV11LG	1/0/10	dcb7acc5cbea	ENCLOSURE
318	WNF-PP-22-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-32	CNQ5KV11M3	1/0/16	dcb7acc5c5ea	ENCLOSURE
319	WNF-PP-22-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SW300	ONF-SW300-35	CNQ5KV11MP	1/0/22	dcb7acc5c972	ENCLOSURE
320	WNF-PP-27-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-24	CNQ5KV11M5	1/0/47	dcb7acc5c94a	ENCLOSURE
321	WNF-PP-27-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SW300	ONF-SW300-27	CNQ5KV11MM	1/0/6	dcb7acc5c3b2	ENCLOSURE
322	WNF-PP-27-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-30	CNQ5KV11LT	1/0/12	dcb7acc5c63a	ENCLOSURE
323	WNF-PP-27-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-33	CNQ5KV11M2	1/0/18	dcb7acc5bf52	ENCLOSURE
324	WNF-PP-27-05	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-36	CNQ5KV11LV	1/0/24	dcb7acc5bf4e	ENCLOSURE
325	WNF-PP-33-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-76	CNQ5KV11LJ	2/0/8	dcb7acc5cc3e	ENCLOSURE
326	WNF-PP-33-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-77	CNQ5KV11LC	2/0/10	dcb7acc5c28e	ENCLOSURE
327	WNF-PP-33-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-78	CNQ5KV11LP	2/0/12	dcb7acc5c4fc	ENCLOSURE
328	WNF-PP-33-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SW300	ONF-SW300-79	CNQ5KV11LQ	2/0/14	dcb7acc5cca6	ENCLOSURE
329	WNF-QQ-1-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW300	ONF-SW300-129	CNQ5KV11L7	3/0/18	dcb7acc5c368	ENCLOSURE
330	WNF-QQ-1-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW300	ONF-SW300-132	CNQ5KV11L2	3/0/24	dcb7acc5bf78	ENCLOSURE
331	WNF-QQ-1-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW300	ONF-SW300-135	CNQ5KV11K9	3/0/28	dcb7acc5c198	ENCLOSURE
332	WNF-QQ-1-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW300	ONF-SW300-139	CNQ5KV11LR	3/0/38	dcb7acc5ccd2	ENCLOSURE
333	WNF-QQ-6-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-130	CNQ5KV11JL	3/0/20	dcb7acc5c2d2	ENCLOSURE
334	WNF-QQ-6-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-133	CNQ5KV11HT	3/0/26	dcb7acc5c90a	ENCLOSURE
335	WNF-QQ-6-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-136	CNQ5KV11JT	3/0/32	dcb7acc5c74c	ENCLOSURE
336	WNF-QQ-6-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-140	CNQ5KV11J1	3/0/40	dcb7acc5c2b2	ENCLOSURE
337	WNF-QQ-6-05	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-143	CNQ5KV11H7	3/0/46	dcb7acc5c1a6	ENCLOSURE
338	WNF-QQ-10-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-134	CNQ5KV11H6	3/0/30	dcb7acc5c962	ENCLOSURE
339	WNF-QQ-10-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SW300	ONF-SW300-137	CNQ5KV11J5	3/0/34	dcb7acc5c786	ENCLOSURE
340	WNF-QQ-10-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-141	CNQ5KV11H1	3/0/42	dcb7acc5c0ce	ENCLOSURE
341	WNF-QQ-10-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW300	ONF-SW300-144	CNQ5KV11GT	3/0/48	dcb7acc5c82e	ENCLOSURE
342	WNF-QQ-14-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-131	CNQ5KV11LS	3/0/22	dcb7acc5c568	ENCLOSURE
343	WNF-QQ-14-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-138	CNQ5KV11KS	3/0/36	dcb7acc5ca9c	ENCLOSURE
344	WNF-QQ-14-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-142	CNQ5KV11L0	3/0/44	dcb7acc5cb8c	ENCLOSURE
345	WNF-QQ-14-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-145	CNQ5KV11L4	4/0/1	dcb7acc5c124	ENCLOSURE
346	WNF-QQ-14-05	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-147	CNQ5KV11KR	4/0/3	dcb7acc5bfc8	ENCLOSURE
347	WNF-QQ-18-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-40	CNQ5KV11LF	1/0/32	dcb7acc5cad2	ENCLOSURE
348	WNF-QQ-18-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SW300	ONF-SW300-43	CNQ5KV11H8	1/0/38	dcb7acc5c026	ENCLOSURE

UPPER BOWL ACCESS POINT SCHEDULE

SCALE: N.T.S.

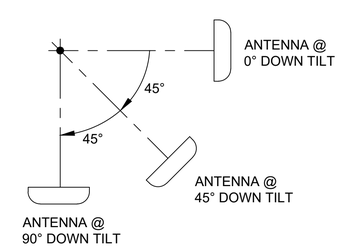
NOTES:

1. -

AS-BUILT DRAWINGS NOVEMBER 7, 2024

DOWN TILT DEFINITION

CEILING/ROOF



FLOOR

EQUIPMENT MANUFACTURER

aruba
a Hewlett Packard Enterprise company

CLIENT

THE UNIVERSITY OF TENNESSEE KNOXVILLE

REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
2	11/07/24	AS-BUILT	JPP	BML	KMW
0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BLM	KMW
A	05/02/23	ISSUED FOR APPROVAL	LTT	BLM	KMW

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UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
ACCESS POINT SCHEDULE
UPPER BOWL

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-236
APPROVAL: K. WRIGHT	REV. 2

No.	AP Name	AP Model	AP Type	AP Bracket	Antenna Model	Antenna Downtilt	Elevation	Installation Detail	SER	Cable Label	SN	Switch/Port	MAC	Stealthing
349	WNF-QQ-18-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-46	CNQ5KV11GB	1/0/44	dcb7acc5c8e4	ENCLOSURE
350	WNF-QQ-18-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-49	CNQ5KV11G6	2/0/1	dcb7acc5bf6a	ENCLOSURE
351	WNF-QQ-18-05	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-52	CNQ5KV11G9	2/0/7	dcb7acc5c13a	ENCLOSURE
352	WNF-QQ-22-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-41	CNQ5KV11G2	1/0/28	dcb7acc5bfd6	ENCLOSURE
353	WNF-QQ-22-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-44	CNQ5KV11G4	1/0/34	dcb7acc5c09e	ENCLOSURE
354	WNF-QQ-22-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-47	CNQ5KV11L3	1/0/40	dcb7acc5c736	ENCLOSURE
355	WNF-QQ-22-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-50	CNQ5KV11KM	1/0/46	dcb7acc5c7c4	ENCLOSURE
356	WNF-QQ-22-05	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-144	CNQ5KV11GQ	2/0/3	dcb7acc5c650	ENCLOSURE
357	WNF-QQ-27-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-39	CNQ5KV11K4	1/0/30	dcb7acc5c146	ENCLOSURE
358	WNF-QQ-27-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-SW300	ONF-SW300-42	CNQ5KV11K3	1/0/36	dcb7acc5c1f6	ENCLOSURE
359	WNF-QQ-27-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-45	CNQ5KV11K2	1/0/42	dcb7acc5c894	ENCLOSURE
360	WNF-QQ-27-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-48	CNQ5KV11HM	1/0/48	dcb7acc5c72c	ENCLOSURE
361	WNF-QQ-27-05	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-51	CNQ5KV11HY	2/0/5	dcb7acc5c5b0	ENCLOSURE
362	WNF-QQ-33-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-222	CNQ5KV11HW	2/0/16	dcb7acc5bfee	ENCLOSURE
363	WNF-QQ-33-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW300	ONF-SW300-223	CNQ5KV11JC	5/0/12	dcb7acc5c85e	ENCLOSURE
364	WNF-QQ-33-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-SW300	ONF-SW300-224	CNQ5KV11K0	5/0/14	dcb7acc5caa6	ENCLOSURE
365	WNF-QQ-33-05	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-SW300	ONF-SW300-225	CNQ5KV11JP	5/0/16	dcb7acc5cabc	ENCLOSURE
366	WNF-QQ-33-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D1	NF-SW300	ONF-SW300-221	CNQ5KV11J3	5/0/10	dcb7acc5c2e2	ENCLOSURE
367	WNF-T1-C-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D8	NF-SWMEZ3	ONF-SWMEZ3-88	CNQ5KV11J4	2/0/32	dcb7acc5c02a	ENCLOSURE
368	WNF-T1-C-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D9	NF-SWMEZ3	ONF-SWMEZ3-93	CNQ5KV11GX	2/0/42	dcb7acc5c878	ENCLOSURE
369	WNF-T1-H-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-SWMEZ3	ONF-SWMEZ3-98	CNQ5KV11GM	3/0/3	dcb7acc5c086	ENCLOSURE
370	WNF-T1-N-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-SWMEZ3	ONF-SWMEZ3-85	CNQ5KV11HF	2/0/26	dcb7acc5c358	ENCLOSURE
371	WNF-T1-O-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-SWMEZ3	ONF-SWMEZ3-3	CNQ5KV11GP	1/0/5	dcb7acc5ca3e	ENCLOSURE
372	WNF-T2-C-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D8	NF-SWMEZ3	ONF-SWMEZ3-90	CNQ5KV11J6	2/0/36	dcb7acc5cc8e	ENCLOSURE
373	WNF-T2-C-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D9	NF-SWMEZ3	ONF-SWMEZ3-52	CNQ5KV11HX	2/0/9	dcb7acc5ca54	ENCLOSURE
374	WNF-T2-H-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-SWMEZ3	ONF-SWMEZ3-87	CNQ5KV11JW	2/0/30	dcb7acc5c828	ENCLOSURE
375	WNF-T2-H-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D10	NF-SWMEZ3	ONF-SWMEZ3-96	CNQ5KV11PX	2/0/48	dcb7acc5cc82	ENCLOSURE
376	WNF-T2-H-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D9	NF-SWMEZ3	ONF-SWMEZ3-95	CNQ5KV11T2	2/0/46	dcb7acc5c7f4	ENCLOSURE
377	WNF-T2-M-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D8	NF-SWMEZ3	ONF-SWMEZ3-82	CNQ5KV11HN	3/0/18	dcb7acc5c9d8	ENCLOSURE
378	WNF-T2-M-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D9	NF-SWMEZ3	ONF-SWMEZ3-81	CNQ5KV11FZ	3/0/20	dcb7acc5c056	ENCLOSURE
379	WNF-T2-P-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D8	NF-SWMEZ3	ONF-SWMEZ3-2	CNQ5KV11GW	1/0/3	dcb7acc5c010	ENCLOSURE
380	WNF-T2-P-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D9	NF-SWMEZ3	ONF-SWMEZ3-1	CNQ5KV11G0	1/0/1	dcb7acc5c7a8	ENCLOSURE
381	WNF-T3-B-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D8	NF-SWMEZ3	ONF-SWMEZ3-94	CNQ5KV11LW	2/0/44	dcb7acc5c860	ENCLOSURE
382	WNF-T3-B-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D10	NF-SWMEZ3	ONF-SWMEZ3-92	CNQ5KV11FD	2/0/40	dcb7acc5c958	ENCLOSURE
383	WNF-T3-B-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D9	NF-SWMEZ3	ONF-SWMEZ3-91	CNQ5KV11FG	2/0/38	dcb7acc5ccb4	ENCLOSURE
384	WNF-T3-F-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D8	NF-SWMEZ3	ONF-SWMEZ3-97	CNQ5KV11HD	3/0/1	dcb7acc5c162	ENCLOSURE
385	WNF-T3-F-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D9	NF-SWMEZ3	ONF-SWMEZ3-89	CNQ5KV11GL	2/0/34	dcb7acc5c75a	ENCLOSURE
386	WNF-T3-M-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NWMEZ3	ONF-NWMEZ3-20	CNQ5KV11GF	1/0/39	dcb7acc5c350	ENCLOSURE
387	WNF-T3-P-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D8	NF-SWMEZ3	ONF-SWMEZ3-4	CNQ5KV11GG	1/0/7	dcb7acc5cbce	ENCLOSURE
388	WNF-T3-P-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D9	NF-SWMEZ3	ONF-SWMEZ3-5	CNQ5KV11GN	1/0/9	dcb7acc5ccb2	ENCLOSURE
389	WNF-T4-C-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D8	NF-SWMEZ3	ONF-SWMEZ3-107	CNQ5KV11GD	3/0/29	dcb7acc5c282	ENCLOSURE
390	WNF-T4-C-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D10	NF-SWMEZ3	ONF-SWMEZ3-108	CNQ5KV11V6	3/0/31	dcb7acc5c820	ENCLOSURE
391	WNF-T4-C-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D9	NF-SWMEZ3	ONF-SWMEZ3-109	CNQ5KV11KC	3/0/33	dcb7acc5bfbc	ENCLOSURE
392	WNF-T4-H-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D8	NF-SWMEZ3	ONF-SWMEZ3-110	CNQ5KV11KK	3/0/35	dcb7acc5bfce	ENCLOSURE
393	WNF-T4-H-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D10	NF-SWMEZ3	ONF-SWMEZ3-111	CNQ5KV11L8	3/0/37	dcb7acc5c726	ENCLOSURE
394	WNF-T4-H-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D10	NF-SWMEZ3	ONF-SWMEZ3-112	CNQ5KV11LB	3/0/39	dcb7acc5c950	ENCLOSURE
395	WNF-T4-H-04	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D9	NF-SWMEZ3	ONF-SWMEZ3-113	CNQ5KV11KB	3/0/41	dcb7acc5c1d8	ENCLOSURE
396	WNF-T4-L-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NWMEZ3	ONF-NWMEZ3-144	CNQ5KV11N5	3/0/48	dcb7acc5c90e	ENCLOSURE
397	WNF-T4-M-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NWMEZ3	ONF-NWMEZ3-46	CNQ5KV11KN	1/0/44	dcb7acc5bf86	ENCLOSURE
398	WNF-T4-M-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NWMEZ3	ONF-NWMEZ3-48	CNQ5KV11KG	1/0/48	dcb7acc5c8be	ENCLOSURE
399	WNF-T4-P-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-SWMEZ3	ONF-SWMEZ3-6	CNQ5KV11KP	1/0/11	dcb7acc5ca2e	ENCLOSURE
400	WNF-T4-P-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-SWMEZ3	ONF-SWMEZ3-7	CNQ5KV11K8	1/0/13	dcb7acc5c730	ENCLOSURE
401	WNF-T5-B-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D8	NF-NWMEZ3	ONF-NWMEZ3-141	CNQ5KV11KH	3/0/42	dcb7acc5c33c	ENCLOSURE
402	WNF-T5-B-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D10	NF-NWMEZ3	ONF-NWMEZ3-106	CNQ5KV11HZ	3/0/19	dcb7acc5c8ae	ENCLOSURE
403	WNF-T5-B-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D9	NF-NWMEZ3	ONF-NWMEZ3-107	CNQ5KV11JF	3/0/21	dcb7acc5c446	ENCLOSURE
404	WNF-T5-F-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D8	NF-NWMEZ3	ONF-NWMEZ3-108	CNQ5KV11HR	3/0/23	dcb7acc5c49e	ENCLOSURE
405	WNF-T5-F-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D9	NF-NWMEZ3	ONF-NWMEZ3-109	CNQ5KV11JJ	3/0/25	dcb7acc5c454	ENCLOSURE
406	WNF-T5-M-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NWMEZ3	ONF-NWMEZ3-47	CNQ5KV11JK	1/0/46	dcb7acc5cc56	ENCLOSURE

UPPER BOWL ACCESS POINT SCHEDULE

SCALE: N.T.S.

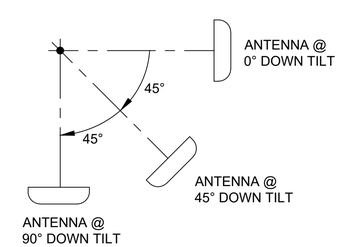
NOTES:

1. -

AS-BUILT DRAWINGS NOVEMBER 7, 2024

DOWN TILT DEFINITION

CEILING/ROOF



FLOOR

EQUIPMENT MANUFACTURER

aruba
a Hewlett Packard Enterprise company

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THE UNIVERSITY OF TENNESSEE KNOXVILLE

REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
2	11/07/24	AS-BUILT	JPP	BML	KMW
0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BLM	KMW
A	05/02/23	ISSUED FOR APPROVAL	LTT	BLM	KMW

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UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
ACCESS POINT SCHEDULE
UPPER BOWL

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-237
APPROVAL: K. WRIGHT	REV. 2

No.	AP Name	AP Model	AP Type	AP Bracket	Antenna Model	Antenna Downtilt	Elevation	Installation Detail	SER	Cable Label	SN	Switch/Port	MAC	Stealthing
407	WNF-T5-P-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D8	NF-NWMEZ3	ONF-NWMEZ3-1	CNQ5KV11JN	1/0/1	dcb7acc5c510	ENCLOSURE
408	WNF-T5-P-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D9	NF-NWMEZ3	ONF-NWMEZ3-2	CNQ5KV11G8	1/0/3	dcb7acc5c94e	ENCLOSURE
409	WNF-T6-C-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D8	NF-NWMEZ3	ONF-NWMEZ3-110	CNQ5KV11G3	3/0/27	dcb7acc5c77a	ENCLOSURE
410	WNF-T6-C-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D9	NF-NWMEZ3	ONF-NWMEZ3-111	CNQ5KV11FX	3/0/29	dcb7acc5c376	ENCLOSURE
411	WNF-T6-H-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D8	NF-NWMEZ3	ONF-NWMEZ3-113	CNQ5KV11GC	3/0/33	dcb7acc5c8f2	ENCLOSURE
412	WNF-T6-H-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D10	NF-NWMEZ3	ONF-NWMEZ3-114	CNQ5KV11FV	3/0/35	dcb7acc5c4e0	ENCLOSURE
413	WNF-T6-H-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D9	NF-NWMEZ3	ONF-NWMEZ3-112	CNQ5KV11G1	3/0/31	dcb7acc5c6de	ENCLOSURE
414	WNF-T6-M-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D8	NF-NWMEZ3	ONF-NWMEZ3-22	CNQ5KV11HC	1/0/43	dcb7acc5c9b6	ENCLOSURE
415	WNF-T6-M-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D9	NF-NWMEZ3	ONF-NWMEZ3-24	CNQ5KV11H2	1/0/47	dcb7acc5c60c	ENCLOSURE
416	WNF-T6-P-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NWMEZ3	ONF-NWMEZ3-3	CNQ5KV11H3	1/0/5	dcb7acc5c046	ENCLOSURE
417	WNF-T6-Q-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NWMEZ3	ONF-NWMEZ3-4	CNQ5KV11HH	1/0/7	dcb7acc5c03c	ENCLOSURE
418	WNF-T7-C-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D8	NF-NWMEZ3	ONF-NWMEZ3-116	CNQ5KV11H5	3/0/39	dcb7acc5cc22	ENCLOSURE
419	WNF-T7-C-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D9	NF-NWMEZ3	ONF-NWMEZ3-115	CNQ5KV11GZ	3/0/37	dcb7acc5c6fc	ENCLOSURE
420	WNF-T7-H-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NWMEZ3	ONF-NWMEZ3-105	CNQ5KV11HL	3/0/17	dcb7acc5c4e4	ENCLOSURE
421	WNF-T7-M-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NWMEZ3	ONF-NWMEZ3-45	CNQ5KV11Q5	1/0/42	dcb7acc5ca38	ENCLOSURE
422	WNF-T7-P-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NWMEZ3	ONF-NWMEZ3-5	CNQ5KV11JG	1/0/9	dcb7acc5bf40	ENCLOSURE
423	WNF-XX1-3-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-NWMEZ3	ONF-NWMEZ3-117	CNQ5KV11MQ	3/0/41	dcb7acc5c872	ENCLOSURE
424	WNF-XX1-3-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-NWMEZ3	ONF-NWMEZ3-118	CNQ5KV11MJ	3/0/43	dcb7acc5cbe4	ENCLOSURE
425	WNF-XX1-9-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-NWMEZ3	ONF-NWMEZ3-119	CNQ5KV11JV	3/0/45	dcb7acc5c644	ENCLOSURE
426	WNF-XX1-9-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-NWMEZ3	ONF-NWMEZ3-120	CNQ5KV11GV	3/0/47	dcb7acc5c08c	ENCLOSURE
427	WNF-XX1-14-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NWMEZ3	ONF-NWMEZ3-49	CNQ5KV11HG	2/0/1	dcb7acc5cce6	ENCLOSURE
428	WNF-XX1-14-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NWMEZ3	ONF-NWMEZ3-53	CNQ5KV11H4	2/0/9	dcb7acc5cb14	ENCLOSURE
429	WNF-XX1-19-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NWMEZ3	ONF-NWMEZ3-50	CNQ5KV11HS	2/0/3	dcb7acc5c008	ENCLOSURE
430	WNF-XX1-19-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D8	NF-NWMEZ3	ONF-NWMEZ3-52	CNQ5KV11GJ	2/0/7	dcb7acc5c276	ENCLOSURE
431	WNF-XX1-19-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D9	NF-NWMEZ3	ONF-NWMEZ3-55	CNQ5KV11GR	2/0/13	dcb7acc5c024	ENCLOSURE
432	WNF-XX1-24-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NWMEZ3	ONF-NWMEZ3-51	CNQ5KV11G5	2/0/5	dcb7acc5c244	ENCLOSURE
433	WNF-XX1-24-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NWMEZ3	ONF-NWMEZ3-54	CNQ5KV11JR	2/0/11	dcb7acc5c37c	ENCLOSURE
434	WNF-XX2-3-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-NWMEZ3	ONF-NWMEZ3-121	CNQ5KV11GH	3/0/2	dcb7acc5c3bc	ENCLOSURE
435	WNF-XX2-3-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-NWMEZ3	ONF-NWMEZ3-122	CNQ5KV11GS	3/0/4	dcb7acc5c16e	ENCLOSURE
436	WNF-XX2-3-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-NWMEZ3	ONF-NWMEZ3-123	CNQ5KV11G7	3/0/6	dcb7acc5c2a4	ENCLOSURE
437	WNF-XX2-9-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-NWMEZ3	ONF-NWMEZ3-124	CNQ5KV11H0	3/0/8	dcb7acc5c71e	ENCLOSURE
438	WNF-XX2-9-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-NWMEZ3	ONF-NWMEZ3-125	CNQ5KV11L1	3/0/10	dcb7acc5cb92	ENCLOSURE
439	WNF-XX2-14-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D8	NF-NWMEZ3	ONF-NWMEZ3-56	CNQ5KV11KQ	2/0/15	dcb7acc5bf58	ENCLOSURE
440	WNF-XX2-14-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D9	NF-NWMEZ3	ONF-NWMEZ3-59	CNQ5KV11KL	2/0/21	dcb7acc5c9a2	ENCLOSURE
441	WNF-XX2-14-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NWMEZ3	ONF-NWMEZ3-62	CNQ5KV11KJ	2/0/27	dcb7acc5cbaa	ENCLOSURE
442	WNF-XX2-19-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NWMEZ3	ONF-NWMEZ3-58	CNQ5KV11KZ	2/0/19	dcb7acc5c892	ENCLOSURE
443	WNF-XX2-19-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D8	NF-NWMEZ3	ONF-NWMEZ3-61	CNQ5KV11L6	2/0/25	dcb7acc5c1ea	ENCLOSURE
444	WNF-XX2-19-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D9	NF-NWMEZ3	ONF-NWMEZ3-64	CNQ5KV11KY	2/0/31	dcb7acc5bf48	ENCLOSURE
445	WNF-XX2-24-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D8	NF-NWMEZ3	ONF-NWMEZ3-57	CNQ5KV11MV	2/0/17	dcb7acc5c5a0	ENCLOSURE
446	WNF-XX2-24-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D9	NF-NWMEZ3	ONF-NWMEZ3-60	CNQ5KV11KT	2/0/23	dcb7acc5c6f2	ENCLOSURE
447	WNF-XX2-24-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NWMEZ3	ONF-NWMEZ3-63	CNQ5KV11L5	2/0/29	dcb7acc5c5a4	ENCLOSURE
448	WNF-XX3-3-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-NWMEZ3	ONF-NWMEZ3-126	CNQ5KV11KX	3/0/12	dcb7acc5c3de	ENCLOSURE
449	WNF-XX3-3-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-NWMEZ3	ONF-NWMEZ3-127	CNQ5KV11KV	3/0/14	dcb7acc5c224	ENCLOSURE
450	WNF-XX3-9-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-NWMEZ3	ONF-NWMEZ3-128	CNQ5KV11HK	3/0/16	dcb7acc5c5ce	ENCLOSURE
451	WNF-XX3-9-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-NWMEZ3	ONF-NWMEZ3-129	CNQ5KV11JY	3/0/18	dcb7acc5c09c	ENCLOSURE
452	WNF-XX3-9-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-NWMEZ3	ONF-NWMEZ3-130	CNQ5KV11HJ	3/0/20	dcb7acc5c150	ENCLOSURE
453	WNF-XX3-14-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D8	NF-NWMEZ3	ONF-NWMEZ3-65	CNQ5KV11HP	2/0/33	dcb7acc5c344	ENCLOSURE
454	WNF-XX3-14-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D9	NF-NWMEZ3	ONF-NWMEZ3-68	CNQ5KV11HQ	2/0/39	dcb7acc5c1b2	ENCLOSURE
455	WNF-XX3-14-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NWMEZ3	ONF-NWMEZ3-71	CNQ5KV11KW	2/0/45	dcb7acc5c4dc	ENCLOSURE
456	WNF-XX3-19-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NWMEZ3	ONF-NWMEZ3-67	CNQ5KV11HB	2/0/37	dcb7acc5c9aa	ENCLOSURE
457	WNF-XX3-19-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D8	NF-NWMEZ3	ONF-NWMEZ3-70	CNQ5KV11HV	2/0/43	dcb7acc5cc58	ENCLOSURE
458	WNF-XX3-19-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D9	NF-NWMEZ3	ONF-NWMEZ3-73	CNQ5KV11JH	2/0/2	dcb7acc5c46c	ENCLOSURE
459	WNF-XX3-24-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D8	NF-NWMEZ3	ONF-NWMEZ3-66	CNQ5KV11K5	2/0/35	dcb7acc5c260	ENCLOSURE
460	WNF-XX3-24-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D9	NF-NWMEZ3	ONF-NWMEZ3-69	CNQ5KV11JQ	2/0/41	dcb7acc5c5a6	ENCLOSURE
461	WNF-XX3-24-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NWMEZ3	ONF-NWMEZ3-72	CNQ5KV11J0	2/0/47	dcb7acc5c70c	ENCLOSURE
462	WNF-XX4-3-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-NWMEZ3	ONF-NWMEZ3-131	CNQ5KV11F9	3/0/22	dcb7acc5c7ce	ENCLOSURE
463	WNF-XX4-3-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-NWMEZ3	ONF-NWMEZ3-132	CNQ5KV11F4	3/0/24	dcb7acc5c9bc	ENCLOSURE
464	WNF-XX4-3-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-NWMEZ3	ONF-NWMEZ3-133	CNQ5KV11GK	3/0/26	dcb7acc5c946	ENCLOSURE

UPPER BOWL ACCESS POINT SCHEDULE

SCALE: N.T.S.

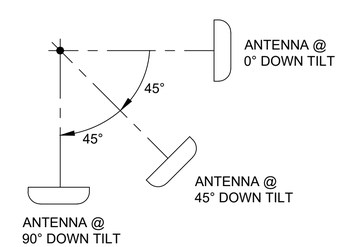
NOTES:

1. -

AS-BUILT DRAWINGS NOVEMBER 7, 2024

DOWN TILT DEFINITION

CEILING/ROOF



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aruba
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UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
ACCESS POINT SCHEDULE
UPPER BOWL

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-238
APPROVAL: K. WRIGHT	REV. 2

No.	AP Name	AP Model	AP Type	AP Bracket	Antenna Model	Antenna Downtilt	Elevation	Installation Detail	SER	Cable Label	SN	Switch/Port	MAC	Stealthing
465	WNF-XX4-9-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-NWMEZ3	ONF-NWMEZ3-134	CNQ5KV11FF	3/0/28	dcb7acc5ca5a	ENCLOSURE
466	WNF-XX4-9-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-NWMEZ3	ONF-NWMEZ3-135	CNQ5KV11H9	3/0/30	dcb7acc5ca56	ENCLOSURE
467	WNF-XX4-14-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D8	NF-NWMEZ3	ONF-NWMEZ3-74	CNQ5KV11F5	2/0/4	dcb7acc5c2e4	ENCLOSURE
468	WNF-XX4-14-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D9	NF-NWMEZ3	ONF-NWMEZ3-77	CNQ5KV11DZ	2/0/10	dcb7acc5c96c	ENCLOSURE
469	WNF-XX4-14-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NWMEZ3	ONF-NWMEZ3-80	CNQ5KV11F0	2/0/16	dcb7acc5c038	ENCLOSURE
470	WNF-XX4-19-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NWMEZ3	ONF-NWMEZ3-76	CNQ5KV11F8	2/0/8	dcb7acc5ca08	ENCLOSURE
471	WNF-XX4-19-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D8	NF-NWMEZ3	ONF-NWMEZ3-79	CNQ5KV11F3	2/0/14	dcb7acc5c3fe	ENCLOSURE
472	WNF-XX4-19-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D9	NF-NWMEZ3	ONF-NWMEZ3-82	CNQ5KV11F1	2/0/20	dcb7acc5c95a	ENCLOSURE
473	WNF-XX4-24-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D8	NF-NWMEZ3	ONF-NWMEZ3-75	CNQ5KV11F2	2/0/6	dcb7acc5c84c	ENCLOSURE
474	WNF-XX4-24-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D9	NF-NWMEZ3	ONF-NWMEZ3-78	CNQ5KV11DS	2/0/12	dcb7acc5c9cc	ENCLOSURE
475	WNF-XX4-24-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NWMEZ3	ONF-NWMEZ3-81	CNQ5KV11FB	2/0/18	dcb7acc5c7ca	ENCLOSURE
476	WNF-XX5-3-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-NE300	ONF-NE300-178	CNQ5KV11DY	4/0/20	dcb7acc5c020	ENCLOSURE
477	WNF-XX5-3-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-NE300	ONF-NE300-176	CNQ5KV11DV	4/0/16	dcb7acc5c23c	ENCLOSURE
478	WNF-XX5-9-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-NE300	ONF-NE300-179	CNQ5KV11FC	4/0/22	dcb7acc5bf20	ENCLOSURE
479	WNF-XX5-9-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-NE300	ONF-NE300-177	CNQ5KV11F6	4/0/18	dcb7acc5c336	ENCLOSURE
480	WNF-XX5-9-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-NE300	ONF-NE300-175	CNQ5KV11K7	4/0/14	dcb7acc5c87a	ENCLOSURE
481	WNF-XX5-14-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D8	NF-NE300	ONF-NE300-103	CNQ5KV11JZ	3/0/13	dcb7acc5c51c	ENCLOSURE
482	WNF-XX5-14-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D9	NF-NE300	ONF-NE300-106	CNQ5KV11K1	3/0/19	dcb7acc5c530	ENCLOSURE
483	WNF-XX5-14-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NE300	ONF-NE300-109	CNQ5KV11JS	3/0/25	dcb7acc5cbe2	ENCLOSURE
484	WNF-XX5-19-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NE300	ONF-NE300-105	CNQ5KV11KF	3/0/17	dcb7acc5c87c	ENCLOSURE
485	WNF-XX5-19-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D8	NF-NE300	ONF-NE300-108	CNQ5KV11JX	3/0/23	dcb7acc5c65c	ENCLOSURE
486	WNF-XX5-19-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D9	NF-NE300	ONF-NE300-111	CNQ5KV112P	3/0/29	dcb7acc5c1ce	ENCLOSURE
487	WNF-XX5-24-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D8	NF-NE300	ONF-NE300-104	CNQ5KV112N	3/0/15	dcb7acc5c134	ENCLOSURE
488	WNF-XX5-24-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D9	NF-NE300	ONF-NE300-110	CNQ5KV112V	3/0/27	dcb7acc5c30a	ENCLOSURE
489	WNF-XX5-24-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NE300	ONF-NE300-107	CNQ5KV118N	3/0/21	dcb7acc5cad4	ENCLOSURE
490	WNF-YY6-3-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-NE300	ONF-NE300-174	CNQ5KV112T	4/0/12	dcb7acc5c004	ENCLOSURE
491	WNF-YY6-3-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-NE300	ONF-NE300-172	CNQ5KV112R	4/0/8	dcb7acc5c59a	ENCLOSURE
492	WNF-YY6-3-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-NE300	ONF-NE300-170	CNQ5KV10M7	4/0/4	dcb7acc5c468	ENCLOSURE
493	WNF-YY6-9-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-NE300	ONF-NE300-173	CNQ5KV10LG	4/0/10	dcb7acc5c138	ENCLOSURE
494	WNF-YY6-9-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-NE300	ONF-NE300-171	CNQ5KV10MY	4/0/6	dcb7acc5c89e	ENCLOSURE
495	WNF-YY6-14-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D8	NF-NE300	ONF-NE300-112	CNQ5KV10NQ	3/0/31	dcb7acc5c170	ENCLOSURE
496	WNF-YY6-14-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D9	NF-NE300	ONF-NE300-115	CNQ5KV10LK	3/0/37	dcb7acc5bfb4	ENCLOSURE
497	WNF-YY6-14-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NE300	ONF-NE300-118	CNQ5KV10LV	3/0/43	dcb7acc5c1e0	ENCLOSURE
498	WNF-YY6-19-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NE300	ONF-NE300-114	CNQ5KV11YQ	3/0/35	dcb7acc5ca60	ENCLOSURE
499	WNF-YY6-19-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D8	NF-NE300	ONF-NE300-117	CNQ5KV11YT	3/0/41	dcb7acc5ccae	ENCLOSURE
500	WNF-YY6-19-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D9	NF-NE300	ONF-NE300-120	CNQ5KV11YR	3/0/47	dcb7acc5c5fe	ENCLOSURE
501	WNF-YY6-24-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D8	NF-NE300	ONF-NE300-113	CNQ5KV11YS	3/0/33	dcb7acc5c370	ENCLOSURE
502	WNF-YY6-24-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D9	NF-NE300	ONF-NE300-116	CNQ5KV11YM	3/0/39	dcb7acc5c5aa	ENCLOSURE
503	WNF-YY6-24-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NE300	ONF-NE300-119	CNQ5KV11YL	3/0/45	dcb7acc5c0f0	ENCLOSURE
504	WNF-YY7-1-01	518	Omni	N/A	ANT-22	N/A	2'	D11	NF-NE300	ONF-NE300-1	CNQ5KV10K3	1/0/1	dcb7acc5c0b6	ENCLOSURE
505	WNF-YY7-1-02	518	Omni	N/A	ANT-22	N/A	2'	D11	NF-NE300	ONF-NE300-2	CNQ5KV10JW	1/0/3	dcb7acc5c0b8	ENCLOSURE
506	WNF-YY7-3-01	518	Omni	N/A	ANT-22	N/A	2'	D11	NF-NE300	ONF-NE300-3	CNQ5KV10JV	1/0/5	dcb7acc5c540	ENCLOSURE
507	WNF-YY7-3-02	518	Omni	N/A	ANT-22	N/A	2'	D11	NF-NE300	ONF-NE300-4	CNQ5KV10P4	1/0/7	dcb7acc5c6b4	ENCLOSURE
508	WNF-YY7-14-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NE300	ONF-NE300-121	CNQ5KV10L1	3/0/2	dcb7acc5c714	ENCLOSURE
509	WNF-YY7-19-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NE300	ONF-NE300-123	CNQ5KV10KN	3/0/6	dcb7acc5cc74	ENCLOSURE
510	WNF-YY7-24-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NE300	ONF-NE300-122	CNQ5KV10KZ	3/0/4	dcb7acc5c68c	ENCLOSURE
511	WNF-YY8-1-01	518	Omni	N/A	ANT-22	N/A	2'	D11	NF-NE300	ONF-NE300-5	CNQ5KV10KQ	1/0/9	dcb7acc5c7da	ENCLOSURE
512	WNF-YY8-1-02	518	Omni	N/A	ANT-22	N/A	2'	D11	NF-NE300	ONF-NE300-6	CNQ5KV10KS	1/0/11	dcb7acc5c112	ENCLOSURE
513	WNF-YY8-3-01	518	Omni	N/A	ANT-22	N/A	2'	D11	NF-NE300	ONF-NE300-7	CNQ5KV10L6	1/0/13	dcb7acc5c5c8	ENCLOSURE
514	WNF-YY8-3-02	518	Omni	N/A	ANT-22	N/A	2'	D11	NF-NE300	ONF-NE300-8	CNQ5KV10L0	1/0/15	dcb7acc5cb3e	ENCLOSURE
515	WNF-YY9-1-01	518	Omni	N/A	ANT-22	N/A	2'	D11	NF-NE300	ONF-NE300-9	CNQ5KV10KX	1/0/17	dcb7acc5c31e	ENCLOSURE
516	WNF-YY9-1-02	518	Omni	N/A	ANT-22	N/A	2'	D11	NF-NE300	ONF-NE300-10	CNQ5KV12XW	1/0/19	dcb7acc5ce24	ENCLOSURE
517	WNF-YY9-3-01	518	Omni	N/A	ANT-22	N/A	2'	D11	NF-NE300	ONF-NE300-11	CNQ5KV12R8	1/0/21	dcb7acc5d3d8	ENCLOSURE
518	WNF-YY9-3-02	518	Omni	N/A	ANT-22	N/A	2'	D11	NF-NE300	ONF-NE300-12	CNQ5KV12VK	1/0/23	dcb7acc5cdb0	ENCLOSURE
519	WNF-YY9-14-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NE300	ONF-NE300-13	CNQJKV10MY	1/0/25	dcb7acc65d10	ENCLOSURE
520	WNF-YY9-19-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NE300	ONF-NE300-14	CNQJKV10N7	1/0/27	dcb7acc66450	ENCLOSURE
521	WNF-YY9-24-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NE300	ONF-NE300-15	CNQJKV10MX	1/0/29	dcb7acc65dfe	ENCLOSURE
522	WNF-YY10-3-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-NE300	ONF-NE300-84	CNQ5KV12L9	2/0/24	dcb7acc5d150	ENCLOSURE

UPPER BOWL ACCESS POINT SCHEDULE

SCALE: N.T.S.

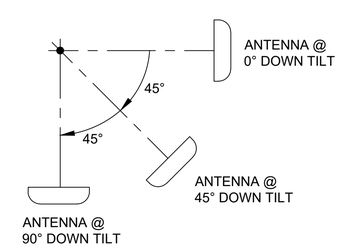
NOTES:

1. -

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

DOWN TILT DEFINITION

CEILING/ROOF



FLOOR

EQUIPMENT MANUFACTURER

aruba
a Hewlett Packard Enterprise company

CLIENT

THE UNIVERSITY OF TENNESSEE KNOXVILLE

REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
2	11/07/24	AS-BUILT	JPP	BML	KMW
0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BLM	KMW
A	05/02/23	ISSUED FOR APPROVAL	LTT	BLM	KMW

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UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
ACCESS POINT SCHEDULE
UPPER BOWL

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-239
APPROVAL: K. WRIGHT	REV. 2

No.	AP Name	AP Model	AP Type	AP Bracket	Antenna Model	Antenna Downtilt	Elevation	Installation Detail	SER	Cable Label	SN	Switch/Port	MAC	Stealthing
523	WNF-YY10-3-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-NE300	ONF-NE300-86	CNQ5KV10L8	2/0/28	dcb7acc5d36c	ENCLOSURE
524	WNF-YY10-3-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-NE300	ONF-NE300-88	CNQ5KV12L4	2/0/32	dcb7acc5d058	ENCLOSURE
525	WNF-YY10-9-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-NE300	ONF-NE300-87	CNQ5KV12LD	2/0/30	dcb7acc5d39a	ENCLOSURE
526	WNF-YY10-9-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-NE300	ONF-NE300-85	CNQ5KV12L6	2/0/26	dcb7acc5d344	ENCLOSURE
527	WNF-YY10-14-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NE300	ONF-NE300-17	CNQJKV10N1	1/0/33	dcb7acc669c0	ENCLOSURE
528	WNF-YY10-14-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D8	NF-NE300	ONF-NE300-21	CNQJKV10KL	1/0/41	dcb7acc65ce8	ENCLOSURE
529	WNF-YY10-14-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D9	NF-NE300	ONF-NE300-22	CNQJKV10KW	1/0/43	dcb7acc66672	ENCLOSURE
530	WNF-YY10-19-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D8	NF-NE300	ONF-NE300-16	CNQJKV10NK	1/0/31	dcb7acc669ea	ENCLOSURE
531	WNF-YY10-19-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D9	NF-NE300	ONF-NE300-18	CNQJKV10KJ	1/0/35	dcb7acc6691a	ENCLOSURE
532	WNF-YY10-19-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NE300	ONF-NE300-23	CNQJKV10KK	1/0/45	dcb7acc65c3a	ENCLOSURE
533	WNF-YY10-24-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NE300	ONF-NE300-19	CNQJKV10NX	1/0/37	dcb7acc65e9a	ENCLOSURE
534	WNF-YY10-24-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D8	NF-NE300	ONF-NE300-20	CNQJKV10KX	1/0/39	dcb7acc66378	ENCLOSURE
535	WNF-YY10-24-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D9	NF-NE300	ONF-NE300-24	CNQJKV10KN	1/0/47	dcb7acc6660a	ENCLOSURE
536	WNF-ZZ11-3-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-NE300	ONF-NE300-90	CNQ5KV114P	2/0/36	dcb7acc5c48c	ENCLOSURE
537	WNF-ZZ11-3-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-NE300	ONF-NE300-92	CNQ5KV112G	2/0/40	dcb7acc5c6fe	ENCLOSURE
538	WNF-ZZ11-9-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-NE300	ONF-NE300-89	CNQ5KV10M1	2/0/34	dcb7acc5ca6a	ENCLOSURE
539	WNF-ZZ11-9-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-NE300	ONF-NE300-91	CNQ5KV10P6	2/0/38	dcb7acc5c78c	ENCLOSURE
540	WNF-ZZ11-9-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-NE300	ONF-NE300-93	CNQ5KV10M8	2/0/42	dcb7acc5c4be	ENCLOSURE
541	WNF-ZZ11-14-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NE300	ONF-NE300-26	CNQJKV10JC	1/0/4	dcb7acc6684c	ENCLOSURE
542	WNF-ZZ11-14-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D8	NF-NE300	ONF-NE300-29	CNQJKV10JP	1/0/10	dcb7acc66230	ENCLOSURE
543	WNF-ZZ11-14-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D9	NF-NE300	ONF-NE300-32	CNQJKV10KV	1/0/16	dcb7acc669fe	ENCLOSURE
544	WNF-ZZ11-19-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D8	NF-NE300	ONF-NE300-25	CNQJKV10JB	1/0/2	dcb7acc6647c	ENCLOSURE
545	WNF-ZZ11-19-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D9	NF-NE300	ONF-NE300-28	CNQJKV10JK	1/0/8	dcb7acc66008	ENCLOSURE
546	WNF-ZZ11-19-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NE300	ONF-NE300-31	CNQJKV10L0	1/0/14	dcb7acc665d8	ENCLOSURE
547	WNF-ZZ11-24-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NE300	ONF-NE300-27	CNQJKV10L9	1/0/6	dcb7acc6626a	ENCLOSURE
548	WNF-ZZ11-24-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D8	NF-NE300	ONF-NE300-30	CNQJKV10J8	1/0/12	dcb7acc65d86	ENCLOSURE
549	WNF-ZZ11-24-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D9	NF-NE300	ONF-NE300-33	CNQJKV10L4	1/0/18	dcb7acc65f3e	ENCLOSURE
550	WNF-ZZ12-3-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-NE300	ONF-NE300-192	CNQ5KV12RG	2/0/44	dcb7acc5d18c	ENCLOSURE
551	WNF-ZZ12-3-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-NE300	ONF-NE300-96	CNQ5KV10LS	2/0/48	dcb7acc5bf70	ENCLOSURE
552	WNF-ZZ12-3-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-NE300	ONF-NE300-98	CNQ5KV1126	3/0/3	dcb7acc5c322	ENCLOSURE
553	WNF-ZZ12-9-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-NE300	ONF-NE300-95	CNQ5KV12QY	2/0/46	dcb7acc5d47c	ENCLOSURE
554	WNF-ZZ12-9-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-NE300	ONF-NE300-97	CNQ5KV12R2	3/0/1	dcb7acc5d28c	ENCLOSURE
555	WNF-ZZ12-14-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NE300	ONF-NE300-35	CNQJKV10L2	1/0/22	dcb7acc65eec	ENCLOSURE
556	WNF-ZZ12-14-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D8	NF-NE300	ONF-NE300-38	CNQJKV10NJ	1/0/28	dcb7acc661a0	ENCLOSURE
557	WNF-ZZ12-14-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D9	NF-NE300	ONF-NE300-41	CNQJKV10JL	1/0/34	dcb7acc667c8	ENCLOSURE
558	WNF-ZZ12-19-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D8	NF-NE300	ONF-NE300-34	CNQJKV10KR	1/0/20	dcb7acc65f7e	ENCLOSURE
559	WNF-ZZ12-19-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D9	NF-NE300	ONF-NE300-37	CNQJKV10K3	1/0/26	dcb7acc6695e	ENCLOSURE
560	WNF-ZZ12-19-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NE300	ONF-NE300-40	CNQJKV10JX	1/0/32	dcb7acc6674e	ENCLOSURE
561	WNF-ZZ12-24-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NE300	ONF-NE300-36	CNQJKV10KY	1/0/24	dcb7acc669e4	ENCLOSURE
562	WNF-ZZ12-24-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D8	NF-NE300	ONF-NE300-39	CNQJKV10KD	1/0/30	dcb7acc66312	ENCLOSURE
563	WNF-ZZ12-24-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D9	NF-NE300	ONF-NE300-42	CNQJKV10JG	1/0/36	dcb7acc66900	ENCLOSURE
564	WNF-ZZ13-3-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-NE300	ONF-NE300-100	CNQ5KV12SH	3/0/7	dcb7acc5d05e	ENCLOSURE
565	WNF-ZZ13-3-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-NE300	ONF-NE300-102	CNQ5KV12QW	3/0/11	dcb7acc5ce3e	ENCLOSURE
566	WNF-ZZ13-9-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-NE300	ONF-NE300-99	CNQ5KV10WL	3/0/5	dcb7acc5ca04	ENCLOSURE
567	WNF-ZZ13-9-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-NE300	ONF-NE300-101	CNQ5KV10WJ	3/0/9	dcb7acc5bf76	ENCLOSURE
568	WNF-ZZ13-9-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-NE300	ONF-NE300-130	CNQ5KV10Y5	3/0/20	dcb7acc5ca6c	ENCLOSURE
569	WNF-ZZ13-14-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NE300	ONF-NE300-44	CNQJKV10NF	1/0/40	dcb7acc666ec	ENCLOSURE
570	WNF-ZZ13-14-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D8	NF-NE300	ONF-NE300-47	CNQJKV10NP	1/0/46	dcb7acc66098	ENCLOSURE
571	WNF-ZZ13-14-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D9	NF-NE300	ONF-NE300-50	CNQJKV10NR	2/0/02	dcb7acc6646e	ENCLOSURE
572	WNF-ZZ13-19-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D8	NF-NE300	ONF-NE300-43	CNQJKV10PM	1/0/38	dcb7acc66978	ENCLOSURE
573	WNF-ZZ13-19-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D9	NF-NE300	ONF-NE300-46	CNQJKV10MZ	1/0/44	dcb7acc65d12	ENCLOSURE
574	WNF-ZZ13-19-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NE300	ONF-NE300-49	CNQJKV10NH	2/0/1	dcb7acc65cea	ENCLOSURE
575	WNF-ZZ13-24-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-NE300	ONF-NE300-45	CNQJKV10M5	1/0/42	dcb7acc65fda	ENCLOSURE
576	WNF-ZZ13-24-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D8	NF-NE300	ONF-NE300-48	CNQJKV10MJ	1/0/48	dcb7acc65fe0	ENCLOSURE
577	WNF-ZZ13-24-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D9	NF-NE300	ONF-NE300-51	CNQJKV10KP	2/0/5	dcb7acc667d8	ENCLOSURE
578	WNF-ZZ14-3-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-NE300	ONF-NE300-131	CNQ5KV11JM	3/0/22	dcb7acc5c73e	ENCLOSURE
579	WNF-ZZ14-3-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D4	NF-NE300	ONF-NE300-133	CNQ5KV11FH	3/0/26	dcb7acc5c626	ENCLOSURE
580	WNF-ZZ14-3-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-NE300	ONF-NE300-135	CNQ5KV12XZ	3/0/30	dcb7acc5d416	ENCLOSURE

UPPER BOWL ACCESS POINT SCHEDULE

SCALE: N.T.S.

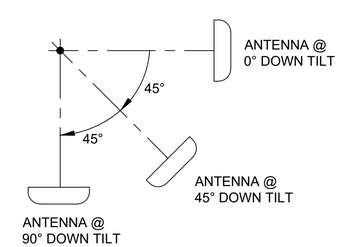
NOTES:

1. -

AS-BUILT DRAWINGS NOVEMBER 7, 2024

DOWN TILT DEFINITION

CEILING/ROOF



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NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
2	11/07/24	AS-BUILT	JPP	BML	KMW
0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BLM	KMW
A	05/02/23	ISSUED FOR APPROVAL	LTT	BLM	KMW

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UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
ACCESS POINT SCHEDULE
UPPER BOWL

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-240
APPROVAL: K. WRIGHT	REV. 2

No.	AP Name	AP Model	AP Type	AP Bracket	Antenna Model	Antenna Downtilt	Elevation	Installation Detail	SER	Cable Label	SN	Switch/Port	MAC	Stealthing
581	WNF-ZZ14-9-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-NE300	ONF-NE300-132	CNQ5KV12L5	3/0/24	dcb7acc5d0dc	ENCLOSURE
582	WNF-ZZ14-9-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-NE300	ONF-NE300-134	CNQ5KV10X9	3/0/28	dcb7acc5bf38	ENCLOSURE
583	WNF-ZZ14-14-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-EA300	ONF-EA300-147	CNQJKV10JY	3/0/5	dcb7acc65c78	ENCLOSURE
584	WNF-ZZ14-14-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D8	NF-EA300	ONF-EA300-156	CNQJKV10KF	3/0/23	dcb7acc66776	ENCLOSURE
585	WNF-ZZ14-14-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D9	NF-EA300	ONF-EA300-153	CNQJKV10LP	3/0/17	dcb7acc663d8	ENCLOSURE
586	WNF-ZZ14-19-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D8	NF-EA300	ONF-EA300-145	CNQJKV10K1	3/0/1	dcb7acc65d0a	ENCLOSURE
587	WNF-ZZ14-19-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D9	NF-EA300	ONF-EA300-148	CNQJKV10JZ	3/0/7	dcb7acc660c6	ENCLOSURE
588	WNF-ZZ14-19-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-EA300	ONF-EA300-151	CNQJKV10K2	3/0/13	dcb7acc6658a	ENCLOSURE
589	WNF-ZZ14-24-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-EA300	ONF-EA300-146	CNQJKV10MC	3/0/3	dcb7acc65f0e	ENCLOSURE
590	WNF-ZZ14-24-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D8	NF-EA300	ONF-EA300-149	CNQJKV10J6	3/0/9	dcb7acc66562	ENCLOSURE
591	WNF-ZZ14-24-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D9	NF-EA300	ONF-EA300-152	CNQJKV10LS	3/0/15	dcb7acc661d2	ENCLOSURE
592	WNF-ZZ15-3-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-NE300	ONF-NE300-137	CNQJKV11DC	3/0/34	dcb7acc5ca66	ENCLOSURE
593	WNF-ZZ15-3-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-NE300	ONF-NE300-139	CNQJKV11FJ	3/0/38	dcb7acc5c10e	ENCLOSURE
594	WNF-ZZ15-9-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D2	NF-NE300	ONF-NE300-136	CNQJKV1128	3/0/32	dcb7acc5cb5e	ENCLOSURE
595	WNF-ZZ15-9-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D3	NF-NE300	ONF-NE300-138	CNQJKV1125	3/0/36	dcb7acc5cb42	ENCLOSURE
596	WNF-ZZ15-14-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-EA300	ONF-EA300-150	CNQJKV10K7	3/0/11	dcb7acc66aba	ENCLOSURE
597	WNF-ZZ15-14-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-EA300	ONF-EA300-159	CNQJKV10K6	3/0/29	dcb7acc6630a	ENCLOSURE
598	WNF-ZZ15-19-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D8	NF-EA300	ONF-EA300-154	CNQJKV10LV	3/0/19	dcb7acc66334	ENCLOSURE
599	WNF-ZZ15-19-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D9	NF-EA300	ONF-EA300-157	CNQJKV10KM	3/0/25	dcb7acc6646c	ENCLOSURE
600	WNF-ZZ15-19-03	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-EA300	ONF-EA300-157	CNQJKV10MB	3/0/31	dcb7acc65fee	ENCLOSURE
601	WNF-ZZ15-24-01	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-EA300	ONF-EA300-160	CNQJKV10LN	3/0/21	dcb7acc6626e	ENCLOSURE
602	WNF-ZZ15-24-02	518	Omni	N/A	ANT-22	N/A	UNDERSEAT	D7	NF-EA300	ONF-EA300-155	CNQJKV10MB	3/0/27	dcb7acc66624	ENCLOSURE

UPPER BOWL ACCESS POINT SCHEDULE

SCALE: N.T.S.

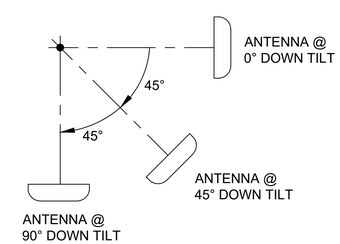
NOTES:

1. -

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

DOWN TILT DEFINITION

CEILING/ROOF



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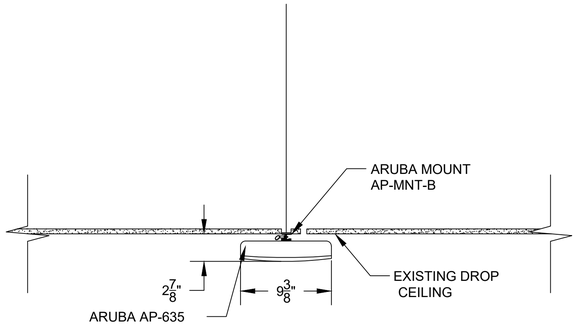
UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
ACCESS POINT SCHEDULE
UPPER BOWL

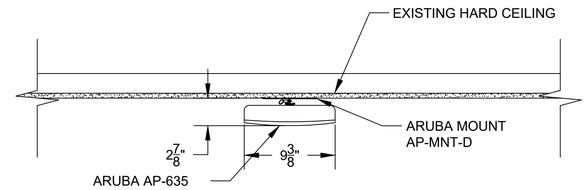
M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-241 — REV. 2
APPROVAL: K. WRIGHT	



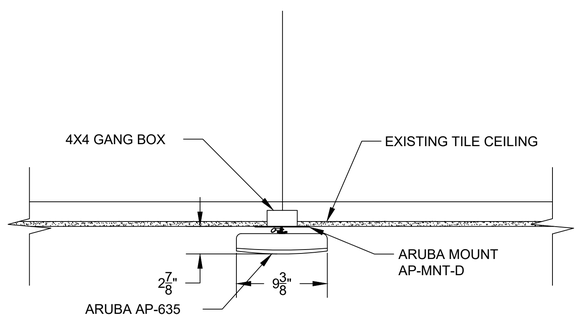
CEILING MOUNT PARTS LIST				
ITEM	QTY.	VENDOR	PART NO.	DESCRIPTION
1	1	ARUBA	AP-635	ACCESS POINT
2	1	ARUBA	AP-MNT-B	AP MOUNTING BRACKET

A1 DETAIL - GRID CEILING AP-635
SCALE: 1-1/2"=1'-0"



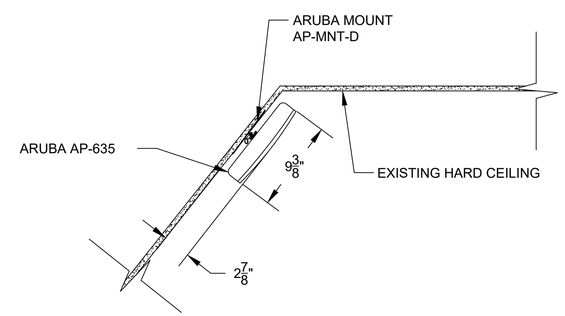
CEILING MOUNT PARTS LIST				
ITEM	QTY.	VENDOR	PART NO.	DESCRIPTION
1	1	ARUBA	AP-MNT-D	AP MOUNTING BRACKET
2	1	ARUBA	AP-635	ACCESS POINT

A2 DETAIL - HARD CEILING AP-635
SCALE: 1-1/2"=1'-0"



CEILING MOUNT PARTS LIST				
ITEM	QTY.	VENDOR	PART NO.	DESCRIPTION
1	1	ARUBA	AP-MNT-D	AP MOUNTING BRACKET
2	1	ARUBA	AP-635	ACCESS POINT
3	1			4X4 GANG BOX

A3 DETAIL - GRID CEILING MOUNTED AP-635 (CENTER OF TILE)
SCALE: 1-1/2"=1'-0"



CEILING MOUNT PARTS LIST				
ITEM	QTY.	VENDOR	PART NO.	DESCRIPTION
1	1	ARUBA	AP-MNT-D	AP MOUNTING BRACKET
2	1	ARUBA	AP-635	ACCESS POINT

A4 DETAIL - ANGLED HARD CEILING MOUNTED AP-635
SCALE: 1-1/2"=1'-0"

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
2. REFERENCE DRAWING TE-23-03849-G-004 FOR ALL GENERAL NOTES.
3. REFERENCE DRAWING TE-23-03849-T-200 THROUGH TE-23-03849-T-240 FOR ALL ACCESS POINT AND ANTENNA INFORMATION. (MODEL #, TYPE, DOWNTILT, MOUNTING DETAIL, ETC.)

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

EQUIPMENT MANUFACTURER

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A	03/17/23	ISSUED FOR APPROVAL	LTT	BML	KMW

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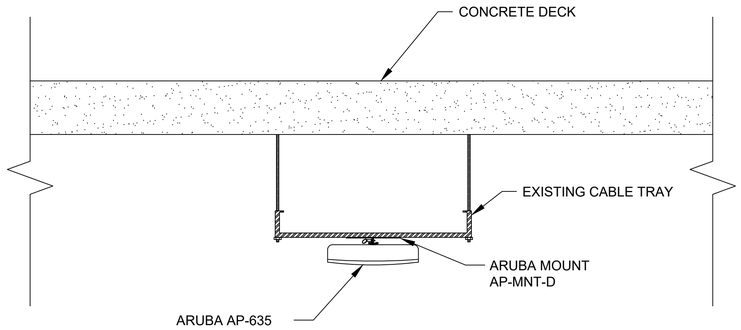
UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
INSTALLATION DETAILS

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

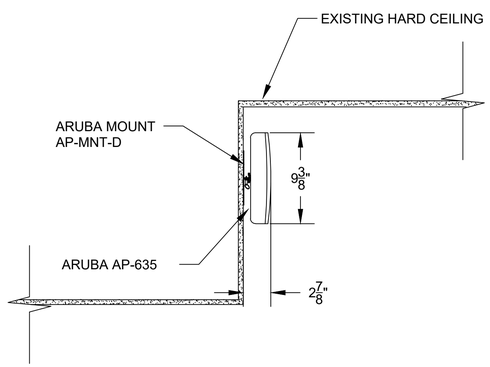
PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-300 — REV. 2
APPROVAL: K. WRIGHT	



CEILING MOUNT PARTS LIST				
ITEM	QTY.	VENDOR	PART NO.	DESCRIPTION
1	1	ARUBA	AP-MNT-D	AP MOUNTING BRACKET
2	1	ARUBA	AP-635	ACCESS POINT

A5 DETAIL - CABLE TRAY MOUNTED AP-635

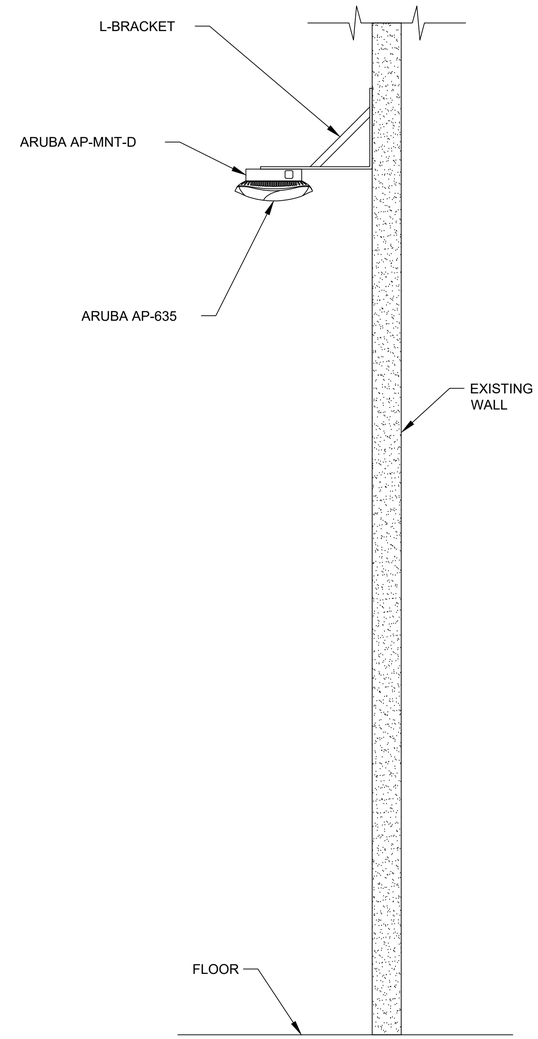
SCALE: 1-1/2"=1'-0"



WALL MOUNT PARTS LIST				
ITEM	QTY.	VENDOR	PART NO.	DESCRIPTION
1	1	ARUBA	AP-MNT-D	AP MOUNTING BRACKET
2	1	ARUBA	AP-635	ACCESS POINT

A6 DETAIL - WALL MOUNTED AP-635

SCALE: 1-1/2"=1'-0"



WALL MOUNT PARTS LIST				
ITEM	QTY.	VENDOR	PART NO.	DESCRIPTION
1	1	ARUBA	AP-MNT-D	AP MOUNTING BRACKET
1	1	ARUBA	AP-635	ACCESS POINT

A7 DETAIL - WALL MOUNTED AP-635

SCALE: 1-1/2"=1'-0"

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
2. REFERENCE DRAWING TE-23-03849-G-004 FOR ALL GENERAL NOTES.
3. REFERENCE DRAWING TE-23-03849-T-200 THROUGH TE-23-03849-T-240 FOR ALL ACCESS POINT AND ANTENNA INFORMATION. (MODEL #, TYPE, DOWNTILT, MOUNTING DETAIL, ETC.)

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

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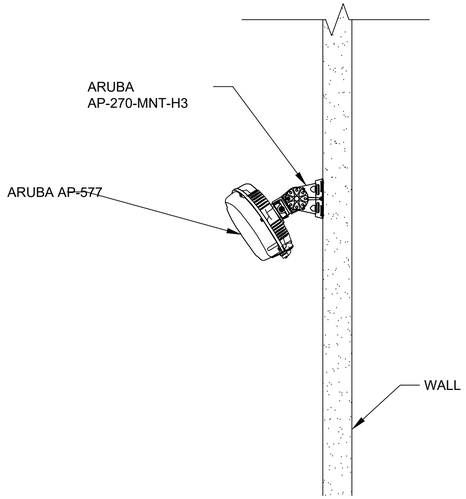
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
INSTALLATION DETAILS

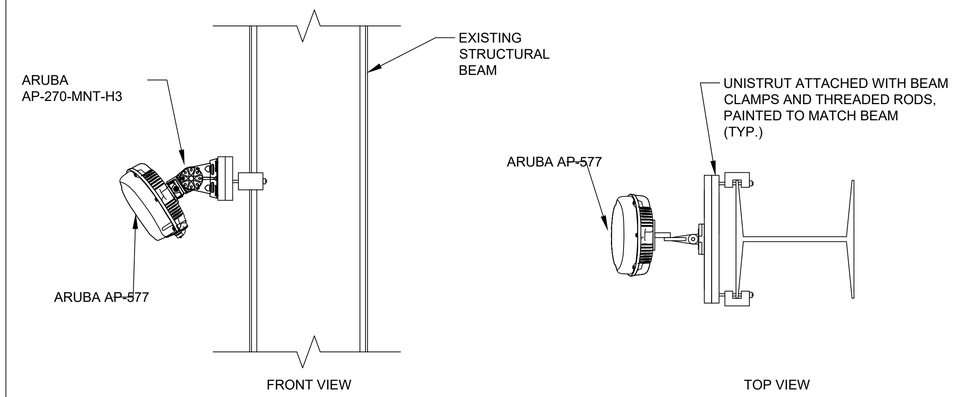
M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-301 — REV. 2
APPROVAL: K. WRIGHT	



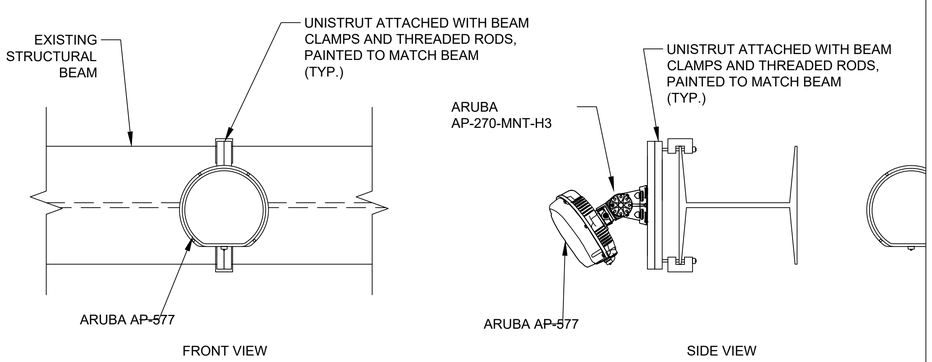
PARTS LIST				
ITEM	QTY.	VENDOR	PART NO.	DESCRIPTION
1	1	ARUBA	AP-577	ACCESS POINT
2	1	ARUBA	AP-270-MNT-H3	AP MOUNTING BRACKET

B1 DETAIL - WALL MOUNTED AP-577
SCALE: 1-1/2"=1'-0"



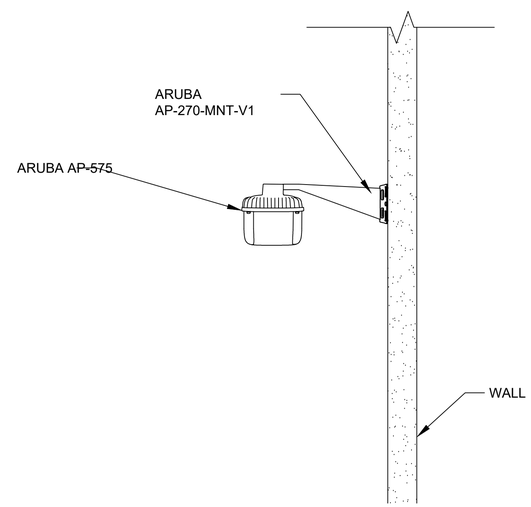
PARTS LIST				
ITEM	QTY.	VENDOR	PART NO.	DESCRIPTION
1	1	ARUBA	AP-577	ACCESS POINT
2	1	ARUBA	AP-270-MNT-H3	AP MOUNTING BRACKET

B2 DETAIL - VERTICAL STRUCTURAL BEAM MOUNT - AP-577
SCALE: 1-1/2"=1'-0"



PARTS LIST				
ITEM	QTY.	VENDOR	PART NO.	DESCRIPTION
1	1	ARUBA	AP-577	ACCESS POINT
2	1	ARUBA	AP-270-MNT-H3	AP MOUNTING BRACKET

B3 DETAIL - HORIZONTAL STRUCTURAL BEAM MOUNT - AP-577
SCALE: 1-1/2"=1'-0"



PARTS LIST				
ITEM	QTY.	VENDOR	PART NO.	DESCRIPTION
1	1	ARUBA	AP-575	ACCESS POINT
2	1	ARUBA	AP-270-MNT-V1	AP MOUNTING BRACKET

B4 DETAIL - WALL MOUNTED AP-575
SCALE: 1-1/2"=1'-0"

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
2. REFERENCE DRAWING TE-23-03849-G-004 FOR ALL GENERAL NOTES.
3. REFERENCE DRAWING TE-23-03849-T-200 THROUGH TE-23-03849-T-240 FOR ALL ACCESS POINT AND ANTENNA INFORMATION. (MODEL #, TYPE, DOWNTILT, MOUNTING DETAIL, ETC.)

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

EQUIPMENT MANUFACTURER

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0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BML	KMW
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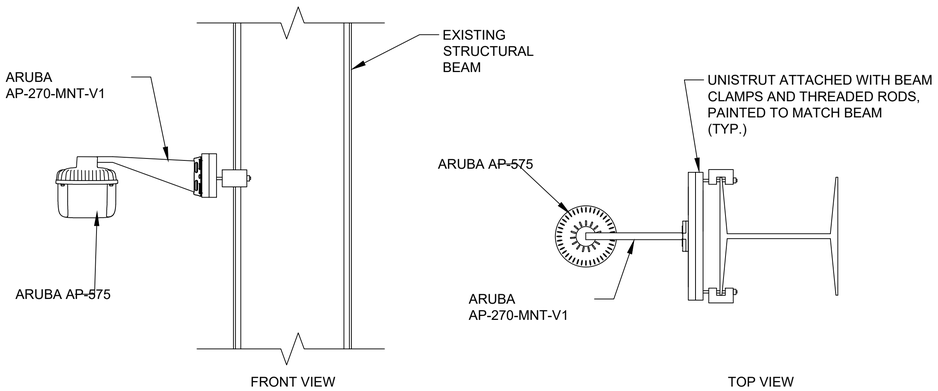
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
INSTALLATION DETAILS

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

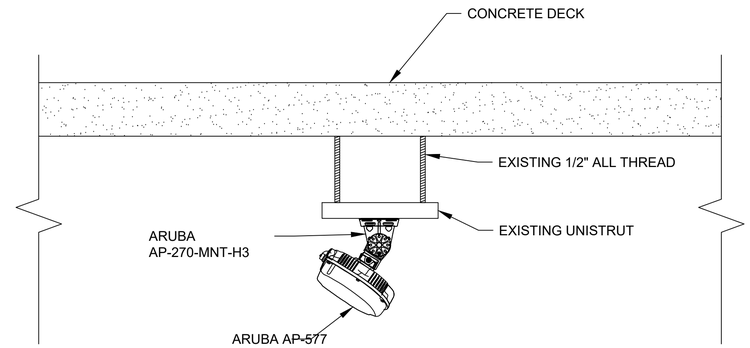
PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-302 REV. 2
APPROVAL: K. WRIGHT	



PARTS LIST				
ITEM	QTY.	VENDOR	PART NO.	DESCRIPTION
1	1	ARUBA	AP-575	ACCESS POINT
2	1	ARUBA	AP-270-MNT-V1	AP MOUNTING BRACKET

B5 DETAIL - VERTICAL STRUCTURAL BEAM MOUNT - AP-575

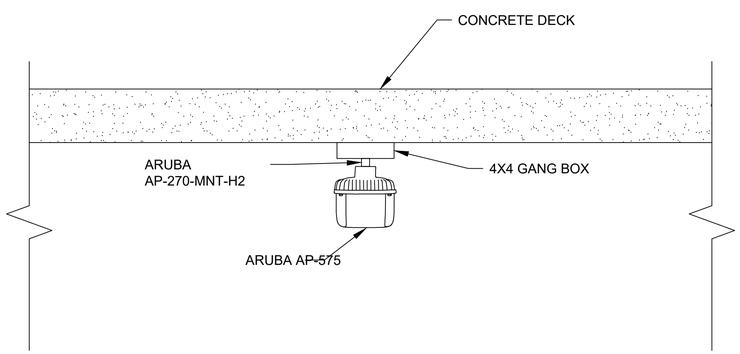
SCALE: 1-1/2"=1'-0"



PARTS LIST				
ITEM	QTY.	VENDOR	PART NO.	DESCRIPTION
1	1	ARUBA	AP-577	ACCESS POINT
2	1	ARUBA	AP-270-MNT-H3	AP MOUNTING BRACKET

B6 DETAIL - UNISTRUT MOUNTED - AP-577

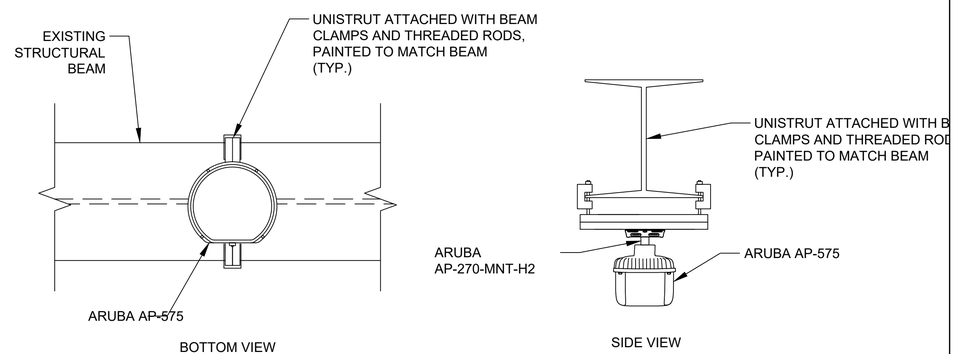
SCALE: 1-1/2"=1'-0"



PARTS LIST				
ITEM	QTY.	VENDOR	PART NO.	DESCRIPTION
1	1	ARUBA	AP-575	ACCESS POINT
2	1	ARUBA	AP-270-MNT-H2	AP MOUNTING BRACKET

B7 DETAIL - HARD CEILING MOUNT - AP-575

SCALE: 1-1/2"=1'-0"



PARTS LIST				
ITEM	QTY.	VENDOR	PART NO.	DESCRIPTION
1	1	ARUBA	AP-575	ACCESS POINT
2	1	ARUBA	AP-270-MNT-H2	AP MOUNTING BRACKET

B8 DETAIL - HORIZONTAL STRUCTURAL BEAM MOUNT - AP-575

SCALE: 1-1/2"=1'-0"

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
2. REFERENCE DRAWING TE-23-03849-G-004 FOR ALL GENERAL NOTES.
3. REFERENCE DRAWING TE-23-03849-T-200 THROUGH TE-23-03849-T-240 FOR ALL ACCESS POINT AND ANTENNA INFORMATION. (MODEL #, TYPE, DOWNTILT, MOUNTING DETAIL, ETC.)

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

EQUIPMENT MANUFACTURER

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A	04/14/23	ISSUED FOR APPROVAL	LTT	BML	KMW

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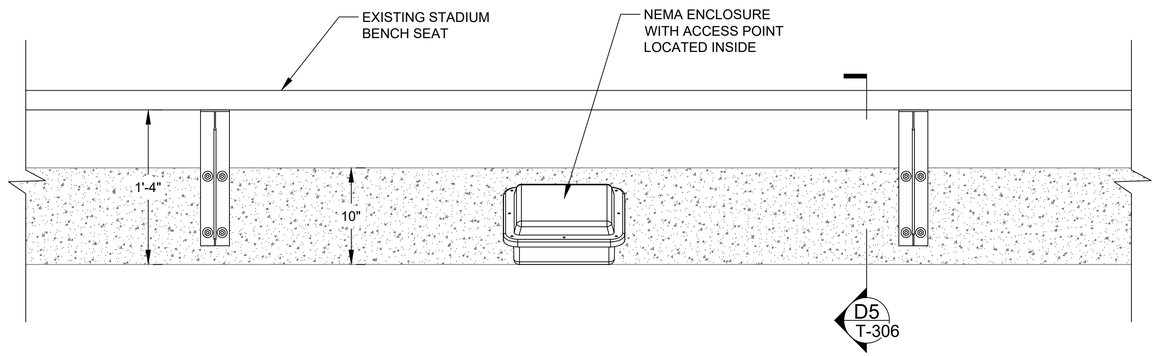
UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
INSTALLATION DETAILS

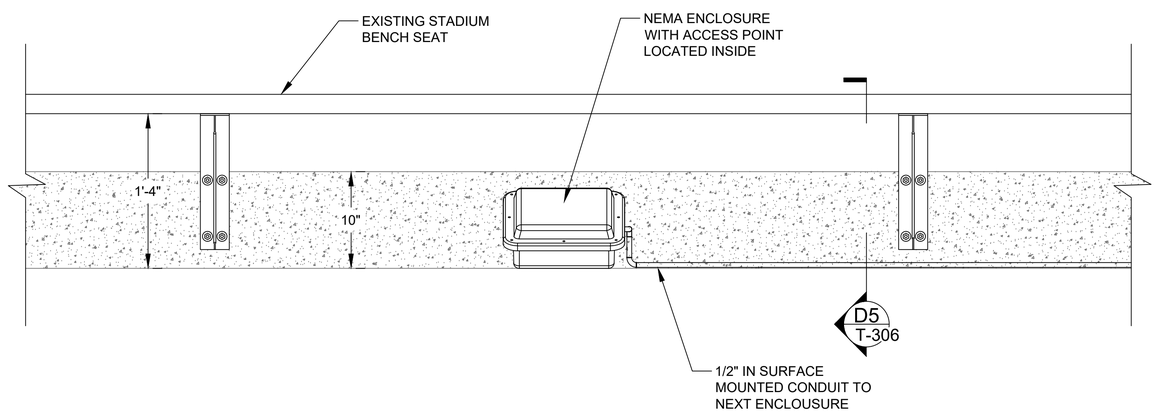
M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-303 REV. 2
APPROVAL: K. WRIGHT	



D1 DETAIL - UNDER BENCH INSTALLATION

SCALE: N.T.S.



D2 DETAIL - UNDER BENCH INSTALLATION

SCALE: N.T.S.

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
2. REFERENCE DRAWING TE-23-03849-G-004 FOR ALL GENERAL NOTES.
3. REFERENCE DRAWING TE-23-03849-T-200 THROUGH TE-23-03849-T-240 FOR ALL ACCESS POINT AND ANTENNA INFORMATION. (MODEL #, TYPE, DOWNTILT, MOUNTING DETAIL, ETC.)
4. PROTOTYPE ENCLOSURES WILL BE PROVIDED TO UTK FOR FINAL APPROVAL. ENCLOSURE DESIGNS ARE SUBJECT TO PROTOTYPE APPROVAL.
5. THE SEATS INCLUDED IN THIS DETAIL DESIGN ARE NOT TO SCALE AND MEANT TO SHOW ENCLOSURE PLACEMENT ONLY.

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

EQUIPMENT MANUFACTURER

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2	11/07/24	AS-BUILT	JPP	BML	KMW
1	07/09/24	AS-BUILT	JPP	BML	KMW
0	05/11/23	ISSUED FOR CONSTRUCTION	LTT	BML	KMW
A	03/17/23	ISSUED FOR APPROVAL	LTT	BML	KMW

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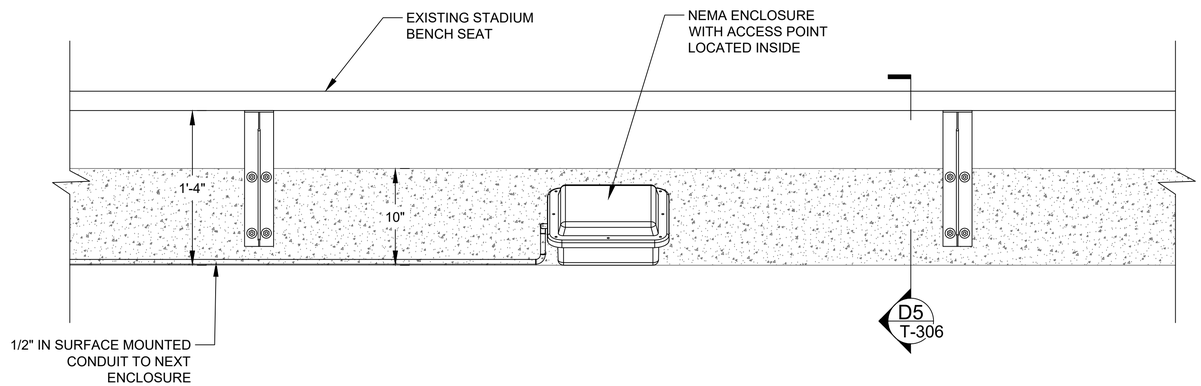
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
INSTALLATION DETAILS

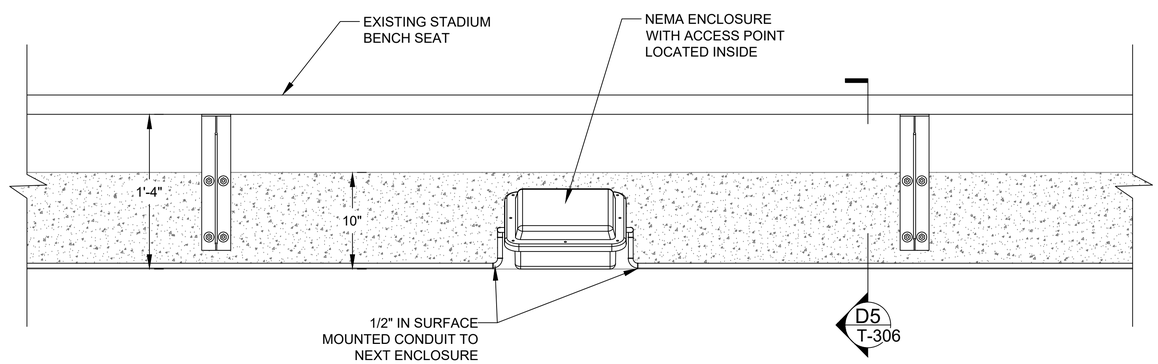
M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-304
APPROVAL: K. WRIGHT	REV. 2



D3 DETAIL - UNDER BENCH INSTALLATION

SCALE: N.T.S.



D4 DETAIL - UNDER BENCH INSTALLATION

SCALE: N.T.S.

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
2. REFERENCE DRAWING TE-23-03849-G-004 FOR ALL GENERAL NOTES.
3. REFERENCE DRAWING TE-23-03849-T-200 THROUGH TE-23-03849-T-240 FOR ALL ACCESS POINT AND ANTENNA INFORMATION. (MODEL #, TYPE, DOWNTILT, MOUNTING DETAIL, ETC.)
4. PROTOTYPE ENCLOSURES WILL BE PROVIDED TO UTK FOR FINAL APPROVAL. ENCLOSURE DESIGNS ARE SUBJECT TO PROTOTYPE APPROVAL.
5. THE SEATS INCLUDED IN THIS DETAIL DESIGN ARE NOT TO SCALE AND MEANT TO SHOW ENCLOSURE PLACEMENT ONLY.

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

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0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BML	KMW
B	06/27/23	ISSUED FOR APPROVAL	CTJ	BML	KMW
A	05/11/23	ISSUED FOR APPORVAL	LTT	BML	KMW

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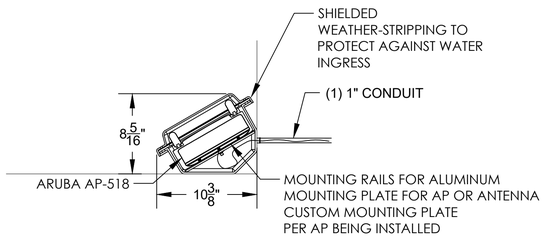
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
INSTALLATION DETAILS

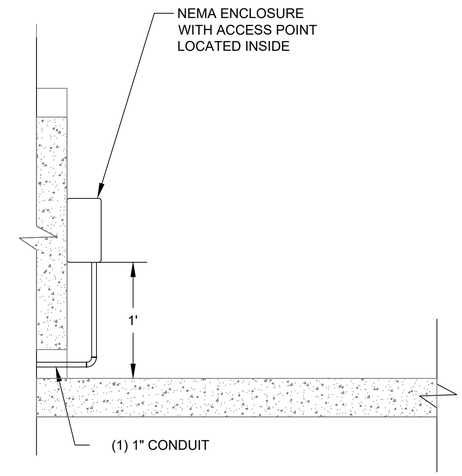
M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-305 — REV. 2
APPROVAL: K. WRIGHT	

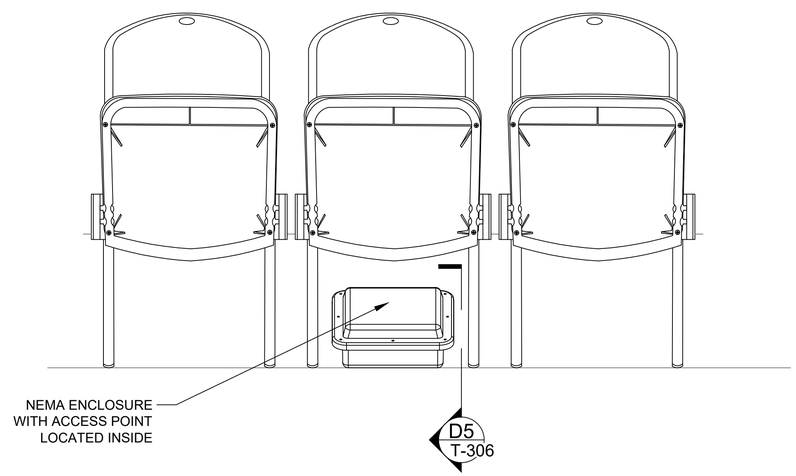


UNDERSEAT MOUNT PARTS LIST				
ITEM	QTY.	VENDOR	PART NO.	DESCRIPTION
1	1	ACCELTEX	ATS-USE-10A8F3A-CRNRL-HT-GRY	AP ENCLOSURE
1	1	ARUBA	AP-518	ACCESS POINT

D5 DETAIL - UNDERSEAT MOUNTED AP TYPICAL
SCALE: N.T.S



D6 DETAIL - STANDING AREA MOUNTED AP TYPICAL
SCALE: N.T.S



D7 DETAIL - UNDERSEAT MOUNTED AP INSTALLATION
SCALE: N.T.S

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
2. REFERENCE DRAWING TE-23-03849-G-004 FOR ALL GENERAL NOTES.
3. REFERENCE DRAWING TE-23-03849-T-200 THROUGH TE-23-03849-T-242 FOR ALL ACCESS POINT AND ANTENNA INFORMATION. (MODEL #, TYPE, DOWNTILT, MOUNTING DETAIL, ETC.)
4. PROTOTYPE ENCLOSURES WILL BE PROVIDED TO UTK FOR FINAL APPROVAL. ENCLOSURE DESIGNS ARE SUBJECT TO PROTOTYPE APPROVAL.
5. THE SEATS INCLUDED IN THIS DETAIL DESIGN ARE NOT TO SCALE AND MEANT TO SHOW ENCLOSURE PLACEMENT ONLY.
6. ALL CONDUIT PENETRATIONS SHALL BE PROPERLY WATER SEALED.

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

EQUIPMENT MANUFACTURER

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0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BML	KMW
B	06/27/23	ISSUED FOR APPROVAL	CTJ	BML	KMW
A	05/11/23	ISSUED FOR APPORVAL	LTT	BML	KMW

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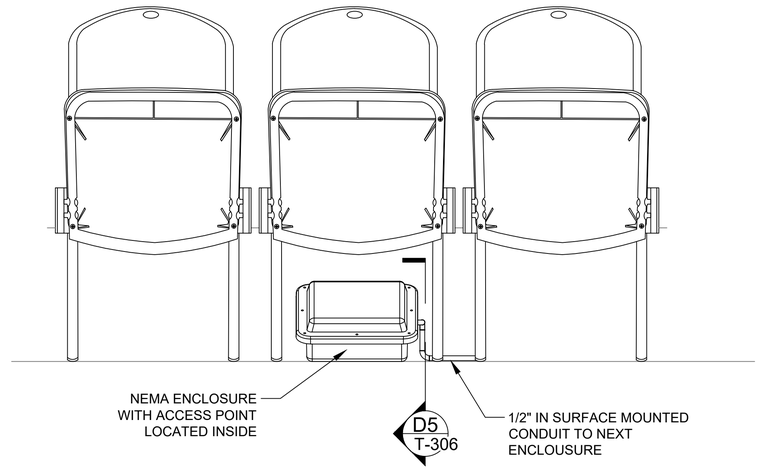
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
INSTALLATION DETAILS

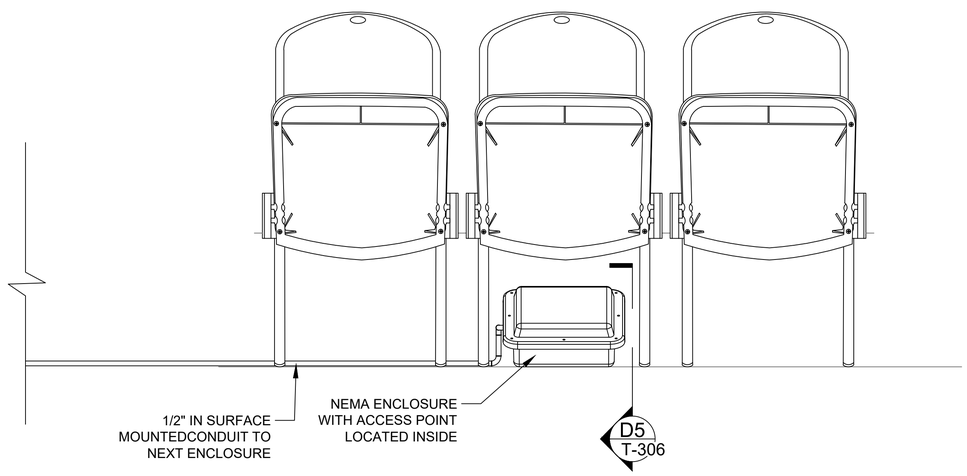
M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849
DATE: MARCH 1, 2023
DESIGNER: L. TRAN
SCALE: AS NOTED
ENGINEER: B. LEON
DRAWING NO.: TE-23-03849-T-306
REV. 2
APPROVAL: K. WRIGHT



D8 DETAIL - UNDERSEAT MOUNTED AP INSTALLATION

SCALE: N.T.S



D9 DETAIL - UNDERSEAT MOUNTED AP INSTALLATION

SCALE: N.T.S

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
2. REFERENCE DRAWING TE-23-03849-G-004 FOR ALL GENERAL NOTES.
3. REFERENCE DRAWING TE-23-03849-T-200 THROUGH TE-23-03849-T-242 FOR ALL ACCESS POINT AND ANTENNA INFORMATION. (MODEL #, TYPE, DOWNTILT, MOUNTING DETAIL, ETC.)
4. PROTOTYPE ENCLOSURES WILL BE PROVIDED TO UTK FOR FINAL APPROVAL. ENCLOSURE DESIGNS ARE SUBJECT TO PROTOTYPE APPROVAL.
5. THE SEATS INCLUDED IN THIS DETAIL DESIGN ARE NOT TO SCALE AND MEANT TO SHOW ENCLOSURE PLACEMENT ONLY.

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

EQUIPMENT MANUFACTURER

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0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BML	KMW
B	06/27/23	ISSUED FOR APPROVAL	CTJ	BML	KMW
A	05/11/23	ISSUED FOR APPORVAL	LTT	BML	KMW

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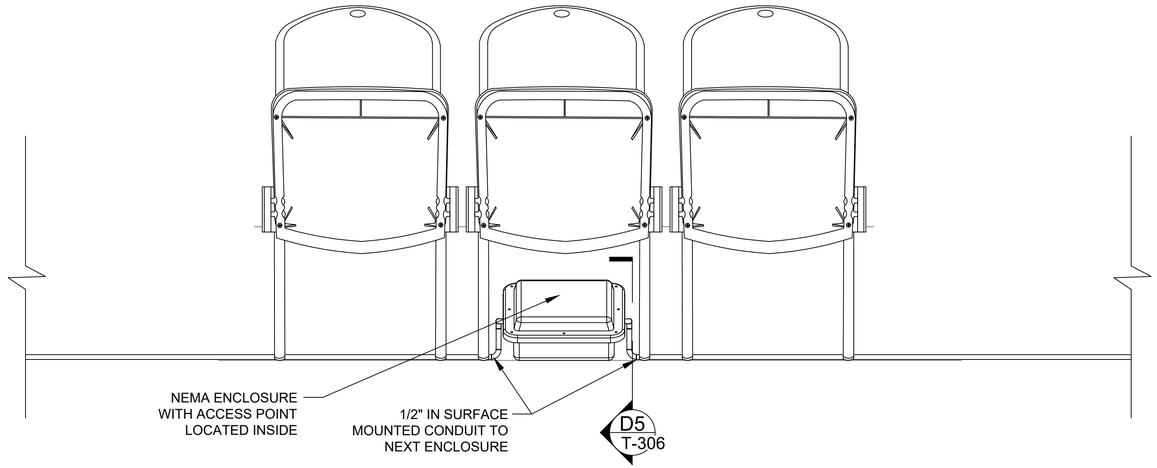
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
INSTALLATION DETAILS

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-307 — REV. 2
APPROVAL: K. WRIGHT	

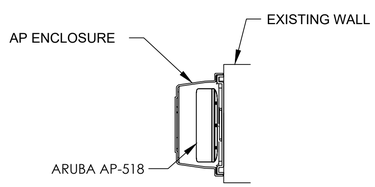


D10 DETAIL - UNDERSEAT MOUNTED AP INSTALLATION

SCALE: N.T.S

NOTES:

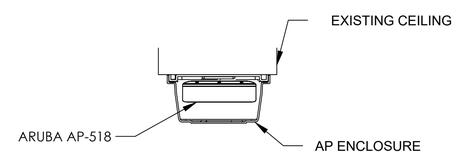
1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
2. REFERENCE DRAWING TE-23-03849-G-004 FOR ALL GENERAL NOTES.
3. REFERENCE DRAWING TE-23-03849-T-200 THROUGH TE-23-03849-T-252 FOR ALL ACCESS POINT AND ANTENNA INFORMATION. (MODEL #, TYPE, DOWNTILT, MOUNTING DETAIL, ETC.)
4. PROTOTYPE ENCLOSURES WILL BE PROVIDED TO UTK FOR FINAL APPROVAL. ENCLOSURE DESIGNS ARE SUBJECT TO PROTOTYPE APPROVAL.
5. THE SEATS INCLUDED IN THIS DETAIL DESIGN ARE NOT TO SCALE AND MEANT TO SHOW ENCLOSURE PLACEMENT ONLY.
6. ENCLOSURES IN DETAILS D11 AND D12 ARE TO BE SECURED DIRECTLY TO EXISTING CONCRETE WITH APPROVED CONCRETE ANCHORS OR ATTACHED TO EXISTING RAILS WITH TWO CONSTRUCTION GRADE PIPE STRAPS.



WALL MOUNT PARTS LIST				
ITEM	QTY.	VENDOR	PART NO.	DESCRIPTION
1	1	ACCELTEX	ATS-ENC-USE-C6AH1-Bv2	AP ENCLOSURE
1	1	ARUBA	AP-518	ACCESS POINT

D11 DETAIL - WALL MOUNTED AP-518

SCALE: N.T.S



CEILING MOUNT PARTS LIST				
ITEM	QTY.	VENDOR	PART NO.	DESCRIPTION
1	1	ACCELTEX	ATS-ENC-USE-C6AH1-Bv2	AP ENCLOSURE
1	1	ARUBA	AP-518	ACCESS POINT

D12 DETAIL - CEILING MOUNTED AP-518

SCALE: N.T.S

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

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0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BML	KMW
B	06/27/23	ISSUED FOR APPROVAL	CTJ	BML	KMW
A	05/11/23	ISSUED FOR APPORVAL	LTT	BML	KMW

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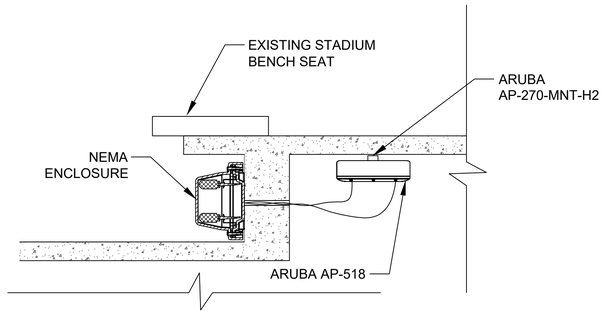
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
INSTALLATION DETAILS

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

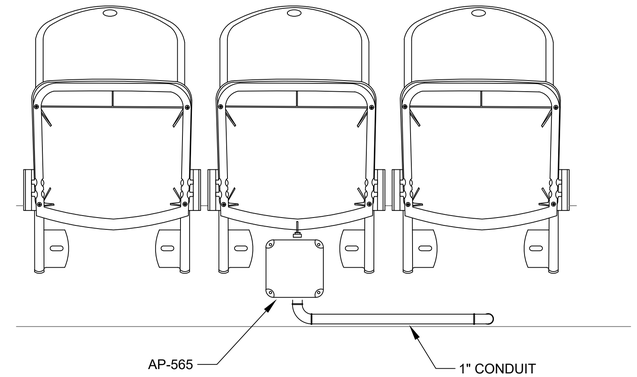
PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-308 — REV. 2
APPROVAL: K. WRIGHT	



WALL MOUNT PARTS LIST

ITEM	QTY.	VENDOR	PART NO.	DESCRIPTION
1	1	ACCELTEX	ATS-ENC-USE-C6AH1-F	AP ENCLOSURE
2	1	ARUBA	AP-518	ACCESS POINT
3	4	ACCELTEX	ATS-195-RPSMAJ-RPAMAP-3 FT	CABLE ASSEMBLY

D13 DETAIL - UNDERSEAT MOUNTED AP TYPICAL
SCALE: N.T.S



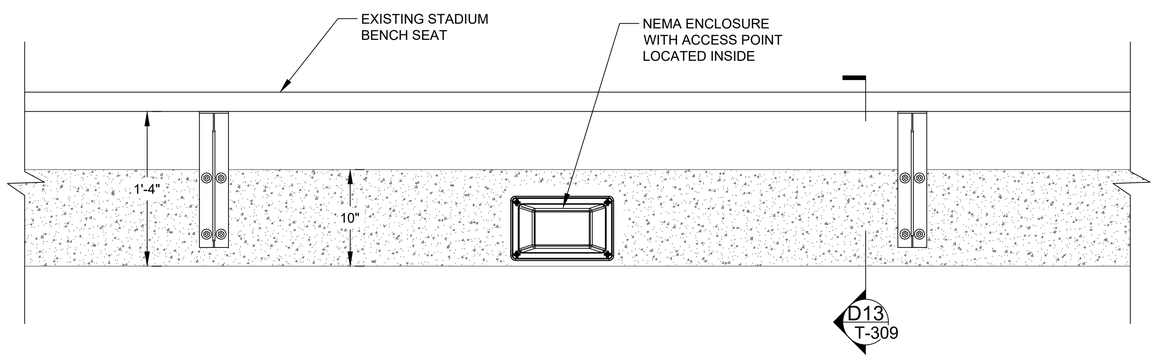
PARTS LIST

ITEM	QTY.	VENDOR	PART NO.	DESCRIPTION
1	1	ARUBA	AP-565	ACCESS POINT
2	1	ARUBA	AP-270-MNT-H2	AP MOUNTING BRACKET

D15 DETAIL - UNDERSEAT MOUNTED AP TYPICAL
SCALE: N.T.S

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
2. REFERENCE DRAWING TE-23-03849-G-004 FOR ALL GENERAL NOTES.
3. REFERENCE DRAWING TE-23-03849-T-200 THROUGH TE-23-03849-T-242 FOR ALL ACCESS POINT AND ANTENNA INFORMATION. (MODEL #, TYPE, DOWNTILT, MOUNTING DETAIL, ETC.)
4. PROTOTYPE ENCLOSURES WILL BE PROVIDED TO UTK FOR FINAL APPROVAL. ENCLOSURE DESIGNS ARE SUBJECT TO PROTOTYPE APPROVAL.
5. THE SEATS INCLUDED IN THIS DETAIL DESIGN ARE NOT TO SCALE AND MEANT TO SHOW ENCLOSURE PLACEMENT ONLY.
6. ALL CONDUIT PENETRATIONS SHALL BE PROPERLY WATER SEALED.



D14 DETAIL - UNDERSEAT MOUNTED AP INSTALLATION
SCALE: N.T.S

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NOVEMBER 7, 2024

EQUIPMENT MANUFACTURER

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0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BML	KMW
B	06/27/23	ISSUED FOR APPROVAL	CTJ	BML	KMW
A	05/11/23	ISSUED FOR APPORVAL	LTT	BML	KMW

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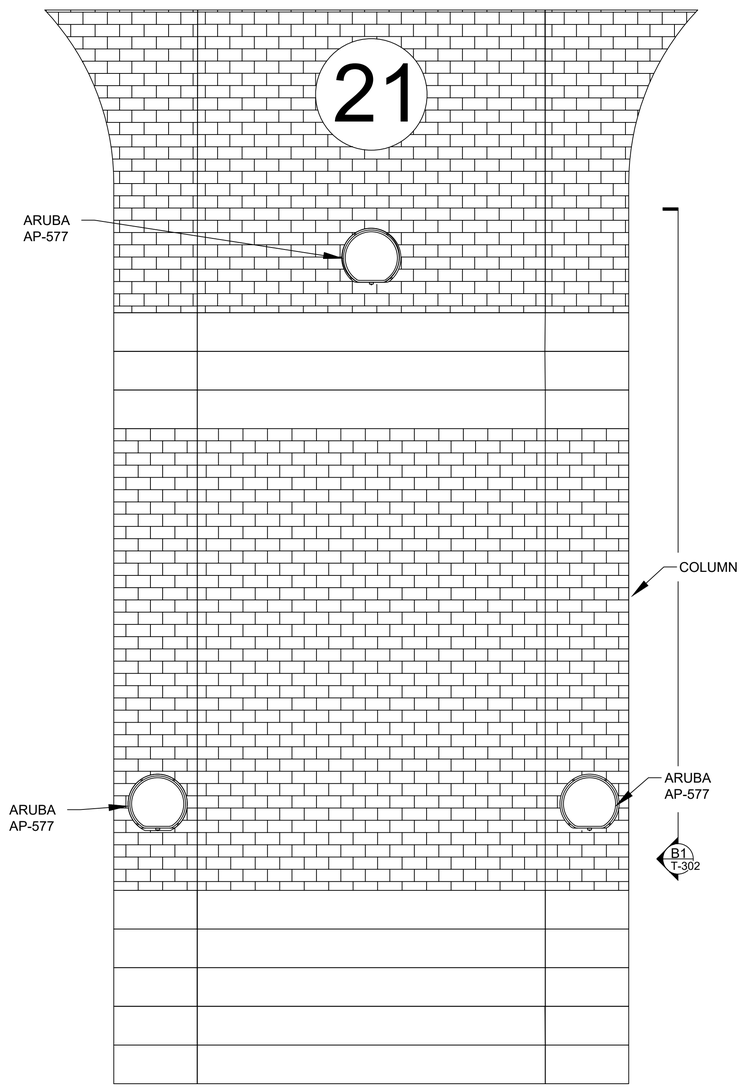
UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
INSTALLATION DETAILS

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-309
APPROVAL: K. WRIGHT	REV. 2



FRONT VIEW

PARTS LIST				
ITEM	QTY.	VENDOR	PART NO.	DESCRIPTION
1	1	ARUBA	AP-577	ACCESS POINT
2	1	ARUBA	AP-270-MNT-H3	AP MOUNTING BRACKET

E01 DETAIL - WALL MOUNT AP-577 TYPICAL

SCALE: N.T.S

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
2. REFERENCE DRAWING TE-23-03849-G-004 FOR ALL GENERAL NOTES.
3. REFERENCE DRAWING TE-23-03849-T-200 THROUGH TE-23-03849-T-242 FOR ALL ACCESS POINT AND ANTENNA INFORMATION. (MODEL #, TYPE, DOWNTILT, MOUNTING DETAIL, ETC.)
4. PROTOTYPE ENCLOSURES WILL BE PROVIDED TO UTK FOR FINAL APPROVAL. ENCLOSURE DESIGNS ARE SUBJECT TO PROTOTYPE APPROVAL.
5. THE SEATS INCLUDED IN THIS DETAIL DESIGN ARE NOT TO SCALE AND MEANT TO SHOW ENCLOSURE PLACEMENT ONLY.

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

EQUIPMENT MANUFACTURER

aruba
a Hewlett Packard Enterprise company

CLIENT

THE UNIVERSITY OF TENNESSEE KNOXVILLE

REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
2	11/07/24	AS-BUILT	JPP	BML	KMW
1	07/09/24	AS-BUILT	JPP	BML	KMW
0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BML	KMW
A	05/11/23	ISSUED FOR APPORVAL	LTT	BML	KMW

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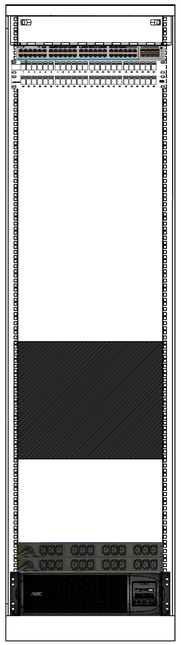
UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
INSTALLATION DETAILS

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-310 — REV. 2
APPROVAL: K. WRIGHT	

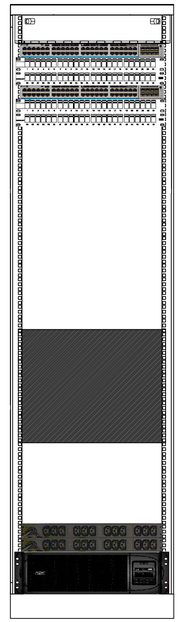


FIBER PP - HUBBLE FCR2U6SPT
CISCO C9300X-48HX-E
CAT6A PP - HUBBLE HPJ48 WITH HXJ6Y JACKS

UTK SPACE. EXISTING WALL RACK TO BE REMOVED AND EQUIPMENT TO BE PLACED IN NEW 2 POST. WORK DONE BY UTK

APC-AP9566
APC-AP9566
APC-SRT5KRMXLT

R1 DETAIL - SER NF-EA500
SCALE: NTS



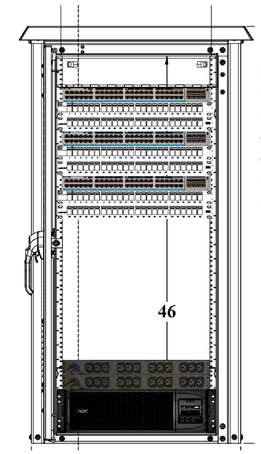
FIBER PP - HUBBLE FCR2U6SPT
CISCO C9300X-48HX-E
CAT6A PP - HUBBLE HPJ48 WITH HXJ6Y JACKS
CISCO C9300X-48HX-E
CAT6A PP - HUBBLE HPJ48 WITH HXJ6Y JACKS

UTK SPACE. EXISTING WALL RACK TO BE REMOVED AND EQUIPMENT TO BE PLACED IN NEW 2 POST. WORK DONE BY UTK

APC-AP9566
APC-AP9566
APC-SRT5KRMXLT

R2 DETAIL - SER NF-WE500
SCALE: NTS

DDB ENCLOSURE - OD-50DDC

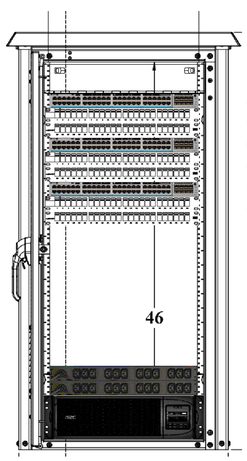


FIBER PP - HUBBLE 2U FCR2U6SP
CISCO C9300X-48HX-E
CAT6A PP - HUBBLE HPJ48 WITH HXJ6Y JACKS
CISCO C9300X-48HX-E
CAT6A PP - HUBBLE HPJ48 WITH HXJ6Y JACKS
CISCO C9300X-48HX-E
CAT6A PP - HUBBLE HPJ48 WITH HXJ6Y JACKS

APC-AP9566
APC-AP9566
APC-SRT5KRMXLT

R3 DETAIL - SER NF-EA000
SCALE: NTS

DDB ENCLOSURE - OD-50DDC

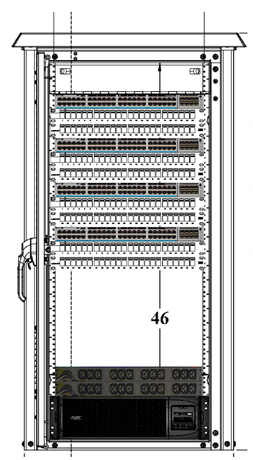


FIBER PP - HUBBLE 2U FCR2U6SP
CISCO C9300X-48HX-E
CAT6A PP - HUBBLE HPJ48 WITH HXJ6Y JACKS
CISCO C9300X-48HX-E
CAT6A PP - HUBBLE HPJ48 WITH HXJ6Y JACKS
CISCO C9300X-48HX-E
CAT6A PP - HUBBLE HPJ48 WITH HXJ6Y JACKS

APC-AP9566
APC-AP9566
APC-SRT5KRMXLT

R4 DETAIL - SER NF-EA001
SCALE: NTS

DDB ENCLOSURE - OD-50DDC

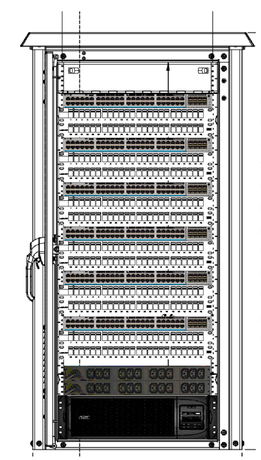


FIBER PP - HUBBLE 2U FCR2U6SP
CISCO C9300X-48HX-E
CAT6A PP - HUBBLE HPJ48 WITH HXJ6Y JACKS
CISCO C9300X-48HX-E
CAT6A PP - HUBBLE HPJ48 WITH HXJ6Y JACKS
CISCO C9300X-48HX-E
CAT6A PP - HUBBLE HPJ48 WITH HXJ6Y JACKS
CISCO C9300X-48HX-E
CAT6A PP - HUBBLE HPJ48 WITH HXJ6Y JACKS

APC-AP9566
APC-AP9566
APC-SRT5KRMXLT

R5 DETAIL - SER NF-SE000
SCALE: NTS

DDB ENCLOSURE - OD-50DDC



FIBER PP - HUBBLE 2U FCR2U6SP
CISCO C9300X-48HX-E
CAT6A PP - HUBBLE HPJ48 WITH HXJ6Y JACKS
CISCO C9300X-48HX-E
CAT6A PP - HUBBLE HPJ48 WITH HXJ6Y JACKS
CISCO C9300X-48HX-E
CAT6A PP - HUBBLE HPJ48 WITH HXJ6Y JACKS
CISCO C9300X-48HX-E
CAT6A PP - HUBBLE HPJ48 WITH HXJ6Y JACKS
CISCO C9300X-48HX-E
CAT6A PP - HUBBLE HPJ48 WITH HXJ6Y JACKS
CISCO C9300X-48HX-E
CAT6A PP - HUBBLE HPJ48 WITH HXJ6Y JACKS
CISCO C9300X-48HX-E
CAT6A PP - HUBBLE HPJ48 WITH HXJ6Y JACKS

APC-AP9566
APC-AP9566
APC-SRT5KRMXLT

R6 DETAIL - SER NF-SW000
SCALE: NTS

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
2. REFERENCE DRAWING TE-23-03849-G-004 FOR ALL GENERAL NOTES.
3. REFERENCE DRAWING TE-23-03849-T-200 THROUGH TE-23-03849-T-241 FOR ALL ACCESS POINT AND ANTENNA INFORMATION. (MODEL #, TYPE, DOWNTILT, MOUNTING DETAIL, ETC.)
4. ALL SITE EQUIPMENT SHALL BE GROUNDED AND BONDED IN ACCORDANCE WITH NFPA 70 ARTICLE 250, UNIVERSITY OF TENNESSEE KNOXVILLE STANDARDS, AND HARDWARE REQUIREMENTS.
5. CLOSET R1 AND R2 REQUIRE A SINGLE 30A 240V CIRCUIT WITH A L6-30R ABOVE RACK.
6. CLOSET R3, R4, R5, R6 REQUIRE A 60 AMP240V SERVICE THAT WILL BE HARDWIRED INTO A LC-60 LOAD CENTER THAT IS INTEGRATED INTO THE OD-50DDC CABINET.

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

EQUIPMENT MANUFACTURER

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a Hewlett Packard Enterprise company

CLIENT

THE UNIVERSITY OF TENNESSEE KNOXVILLE

REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
2	11/07/24	AS-BUILT	JPP	BML	KMW
1	07/09/24	AS-BUILT	JPP	BML	KMW
0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BML	KMW
B	04/3/23	ISSUED FOR APPROVAL - CLOSET ADD.	GBP	BML	KMW
A	03/17/23	ISSUED FOR APPROVAL	LTT	BML	KMW

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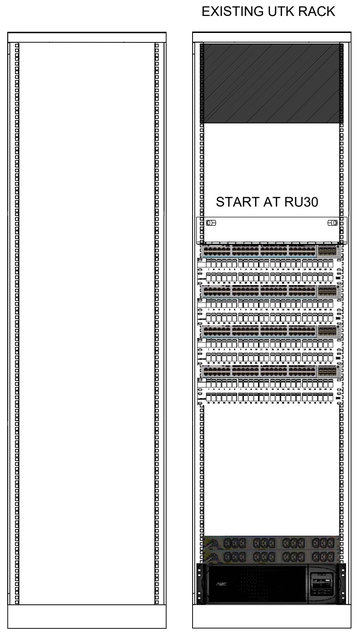
UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
EQUIPMENT RACK ELEVATIONS

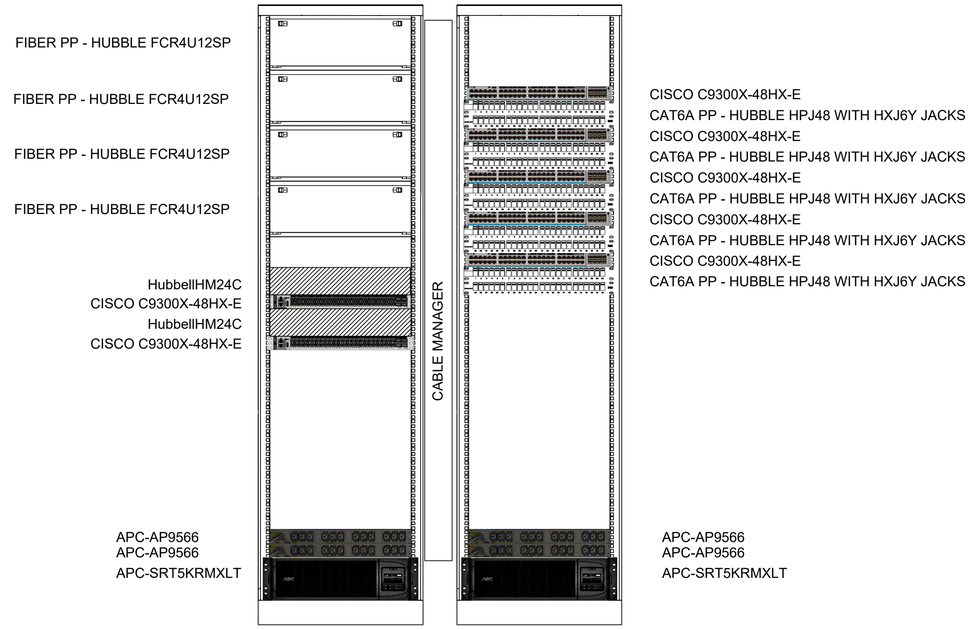
M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: APRIL 3, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-400 — REV. 2
APPROVAL: K. WRIGHT	



R7 DETAIL - NF-WE050

SCALE: NTS

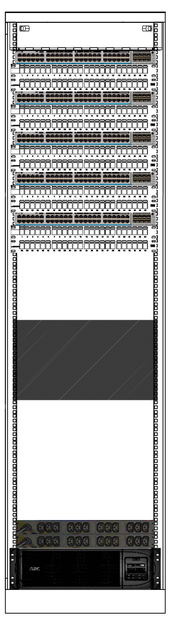


R8 DETAIL - NF-MDF

SCALE: NTS

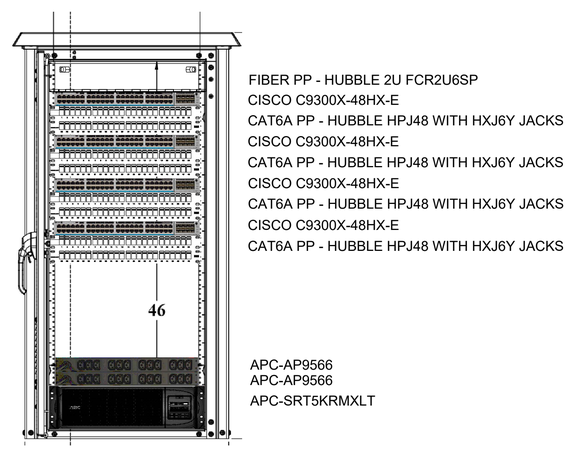
NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
2. REFERENCE DRAWING TE-23-03849-G-004 FOR ALL GENERAL NOTES.
3. REFERENCE DRAWING TE-23-03849-T-200 THROUGH TE-23-03849-T-241 FOR ALL ACCESS POINT AND ANTENNA INFORMATION. (MODEL #, TYPE, DOWNTILT, MOUNTING DETAIL, ETC.)
4. ALL RACKS SHALL BE GROUNDED IN ACCORDANCE WITH MANUFACTURER REQUIREMENTS, UNIVERSITY REQUIREMENTS, AND NEC.
5. CLOSET R7 AND R9 REQUIRE A SINGLE 30A 240V CIRCUIT WITH A L6-30R ABOVE RACK.
6. CLOSET R8 REQUIRES TWO 30A 240V CIRCUIT WITH A L6-30R, ONE ABOVE EACH RACK
7. CLOSET R10 AND R11 REQUIRE A 60 AMP240V SERVICE THAT WILL BE HARDWIRED INTO A LC-60 LOAD CENTER THAT IS INTEGRATED INTO THE OD-50DDC CABINET..
8. 19 INCH 2 POST FLOOR MOUNT RELAY RACKS ARE TO BE USED PER OIT SPECIFICATIONS UNLESS OTHERWISE NOTED IN THIS DESIGN.



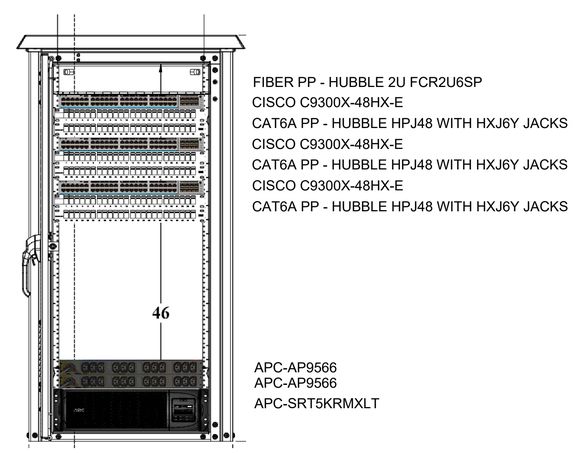
R9 DETAIL - NF-NE000

SCALE: NTS



R10 DETAIL - NF-EA300

SCALE: NTS



R11 DETAIL - NF-NE100

SCALE: NTS

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

EQUIPMENT MANUFACTURER	CLIENT
aruba a Hewlett Packard Enterprise company	THE UNIVERSITY OF TENNESSEE KNOXVILLE

REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
2	11/07/24	AS-BUILT	JPP	BML	KMW
1	07/09/24	AS-BUILT	JPP	BML	KMW
0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BML	KMW
B	5/24/23	ISSUED FOR APPROVAL	GBP	BML	KMW
A	03/31/23	ISSUED FOR APPROVAL	GBP	BML	KMW

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UNIVERSITY OF TENNESSEE KNOXVILLE

NEYLAND STADIUM

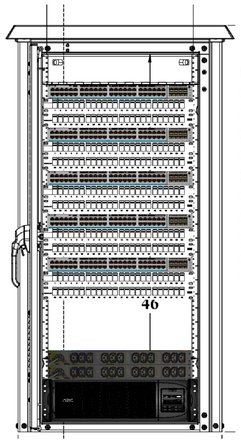
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION

EQUIPMENT RACK ELEVATIONS

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: G. POLO	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-401 — REV. 2
APPROVAL: K. WRIGHT	

DDB ENCLOSURE - OD-50DDC

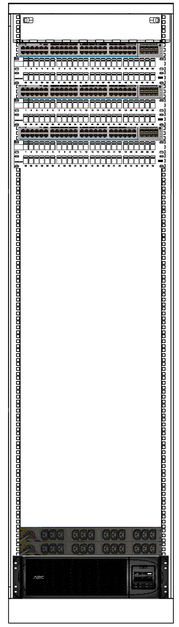


FIBER PP - HUBBLE 2U FCR2U6SP
CISCO C9300X-48HX-E
CAT6A PP - HUBBLE HPJ48 WITH HXJ6Y JACKS
CISCO C9300X-48HX-E
CAT6A PP - HUBBLE HPJ48 WITH HXJ6Y JACKS
CISCO C9300X-48HX-E
CAT6A PP - HUBBLE HPJ48 WITH HXJ6Y JACKS
CISCO C9300X-48HX-E
CAT6A PP - HUBBLE HPJ48 WITH HXJ6Y JACKS
CISCO C9300X-48HX-E
CAT6A PP - HUBBLE HPJ48 WITH HXJ6Y JACKS

APC-AP9566
APC-AP9566
APC-SRT5KRMXLT

R12 DETAIL - NF-SW300
SCALE: NTS

EXISTING UTK CABINET

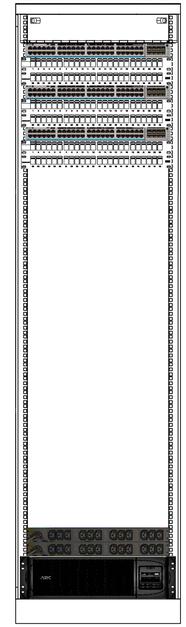


FIBER PP - HUBBLE FCR2U6SPT
CISCO C9300X-48HX-E
CAT6A PP - HUBBLE HPJ48 WITH HXJ6Y JACKS
CISCO C9300X-48HX-E
CAT6A PP - HUBBLE HPJ48 WITH HXJ6Y JACKS
CISCO C9300X-48HX-E
CAT6A PP - HUBBLE HPJ48 WITH HXJ6Y JACKS

APC-AP9566
APC-AP9566
APC-SRT5KRMXLT

R13 DETAIL - NF-SWMEZ3
SCALE: NTS

EXISTING UTK CABINET



FIBER PP - HUBBLE FCR2U6SPT
CISCO C9300X-48HX-E
CAT6A PP - HUBBLE HPJ48 WITH HXJ6Y JACKS
CISCO C9300X-48HX-E
CAT6A PP - HUBBLE HPJ48 WITH HXJ6Y JACKS
CISCO C9300X-48HX-E
CAT6A PP - HUBBLE HPJ48 WITH HXJ6Y JACKS

APC-AP9566
APC-AP9566
APC-SRT5KRMXLT

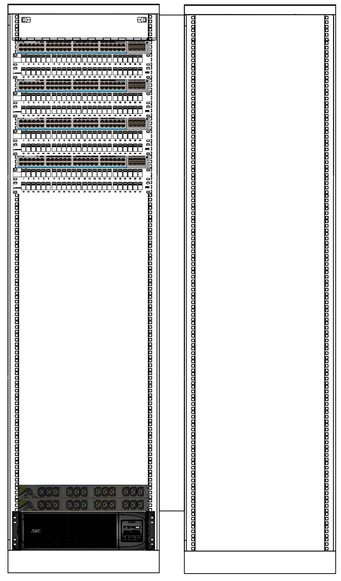
R14 DETAIL - NF-NWMEZ3
SCALE: NTS

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
2. REFERENCE DRAWING TE-23-03849-G-004 FOR ALL GENERAL NOTES.
3. REFERENCE DRAWING TE-23-03849-T-200 THROUGH TE-23-03849-T-241 FOR ALL ACCESS POINT AND ANTENNA INFORMATION. (MODEL #, TYPE, DOWNTILT, MOUNTING DETAIL, ETC.)
4. ALL RACKS SHALL BE GROUNDED IN ACCORDANCE WITH MANUFACTURER REQUIREMENTS, UNIVERSITY REQUIREMENTS, AND NEC.
5. CLOSET R13, R14, AND R15 REQUIRE A SINGLE 30A 240V CIRCUIT WITH A L6-30R ABOVE RACK.
6. CLOSET R12 AND R16 REQUIRES A 60 AMP240V SERVICE THAT WILL BE HARDWIRED INTO A LC-60 LOAD CENTER THAT IS INTEGRATED INTO THE OD-50DDC CABINET.
7. CLOSETS R17 REQUIRE SINGE 20AMP 120 VOLT CIRCUIT.
8. 19 INCH 2 POST FLOOR MOUNT RELAY RACKS ARE TO BE USED PER OIT SPECIFICATIONS UNLESS OTHERWISE NOTED IN THIS DESIGN.

EXISTING UTK RACK

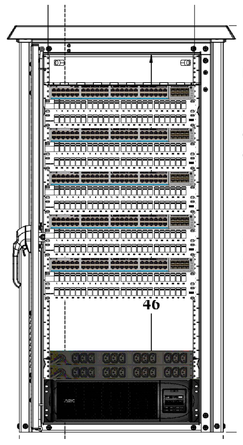
FIBER PP - HUBBLE FCR2U6SPT
CISCO C9300X-48HX-E
CAT6A PP - HUBBLE HPJ48 WITH HXJ6Y JACKS
CISCO C9300X-48HX-E
CAT6A PP - HUBBLE HPJ48 WITH HXJ6Y JACKS
CISCO C9300X-48HX-E
CAT6A PP - HUBBLE HPJ48 WITH HXJ6Y JACKS
CISCO C9300X-48HX-E
CAT6A PP - HUBBLE HPJ48 WITH HXJ6Y JACKS



APC-AP9566
APC-AP9566
APC-SRT5KRMXLT

R15 DETAIL - NF-NE300
SCALE: NTS

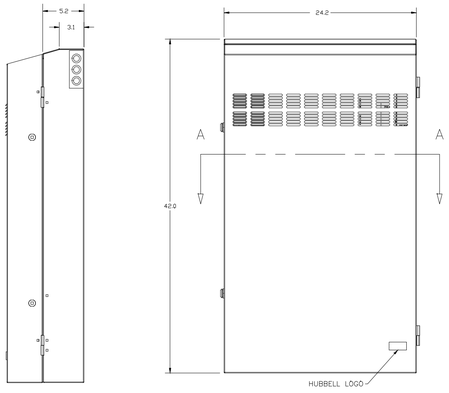
DDB ENCLOSURE - OD-50DDC

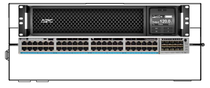


FIBER PP - HUBBLE 2U FCR2U6SP
CISCO C9300X-48HX-E
CAT6A PP - HUBBLE HPJ48 WITH HXJ6Y JACKS
CISCO C9300X-48HX-E
CAT6A PP - HUBBLE HPJ48 WITH HXJ6Y JACKS
CISCO C9300X-48HX-E
CAT6A PP - HUBBLE HPJ48 WITH HXJ6Y JACKS
CISCO C9300X-48HX-E
CAT6A PP - HUBBLE HPJ48 WITH HXJ6Y JACKS
CISCO C9300X-48HX-E
CAT6A PP - HUBBLE HPJ48 WITH HXJ6Y JACKS
CISCO C9300X-48HX-E
CAT6A PP - HUBBLE HPJ48 WITH HXJ6Y JACKS

APC-AP9566
APC-AP9566
APC-SRT5KRMXLT

R16 DETAIL - NF-SE300
SCALE: NTS





APC-SRT2200RMXLT
CISCO C9300X-48HX-E

R17 DETAIL - NF-EA700
SCALE: NTS

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

EQUIPMENT MANUFACTURER	CLIENT
aruba a Hewlett Packard Enterprise company	THE UNIVERSITY OF TENNESSEE KNOXVILLE

REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
2	11/07/24	AS-BUILT	JPP	BML	KMW
1	07/09/24	AS-BUILT	JPP	BML	KMW
0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BML	KMW
B	06/27/23	ISSUED FOR APPROVAL	CTJ	BML	KMW
A	05/11/23	ISSUED FOR APPORVAL	LTT	BML	KMW

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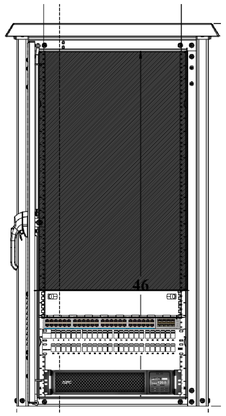
UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
EQUIPMENT RACK ELEVATIONS

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: G. POLO	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-402 — REV. 2
APPROVAL: K. WRIGHT	

UTK EXISTING WALL ENCLOSURE

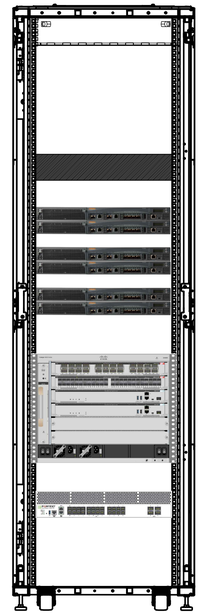


FIBER PP - HUBBLE 2U FCR2U6SP
CISCO C9300X-48HX-E
CAT6A PP - HUBBLE HPJ48 WITH HXJ6Y JACKS

APC-SRT2200RMXLT

R18 DETAIL - NF-GA21

SCALE: NTS



FIBER PP - HUBBLE FCR2U6SPT

ARUBA 7240XM
ARUBA 7240XM

ARUBA 7240XM
ARUBA 7240XM

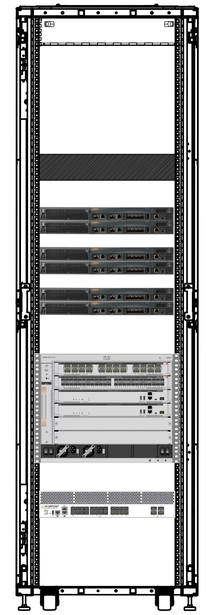
ARUBA 7240XM
ARUBA 7240XM

CISCO 9600

FORTIGATE 3400E

R19 DETAIL - NF SMC

SCALE: NTS



FIBER PP - HUBBLE FCR2U6SPT

ARUBA 7240XM
ARUBA 7240XM

ARUBA 7240XM
ARUBA 7240XM

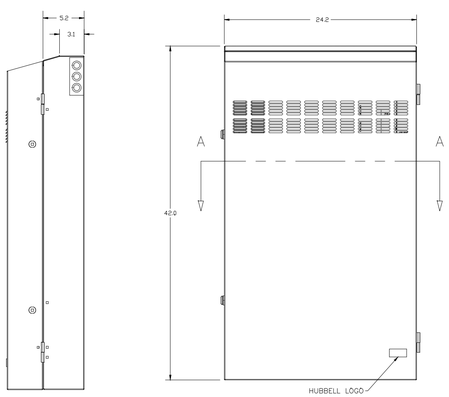
ARUBA 7240XM
ARUBA 7240XM

CISCO 9600

FORTIGATE 3400E

R20 DETAIL - NF-KPB

SCALE: NTS



APC-SRT2200RMXLT

ARUBA 4100i SWITCH
ARUBA 4100i SWITCH

R21 DETAIL - NF-GA10

SCALE: NTS

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
2. REFERENCE DRAWING TE-23-03849-G-004 FOR ALL GENERAL NOTES.
3. REFERENCE DRAWING TE-23-03849-T-200 THROUGH TE-23-03849-T-241 FOR ALL ACCESS POINT AND ANTENNA INFORMATION. (MODEL #, TYPE, DOWNTILT, MOUNTING DETAIL, ETC.)
4. ALL RACKS SHALL BE GROUNDED IN ACCORDANCE WITH MANUFACTURER REQUIREMENTS, UNIVERSITY REQUIREMENTS, AND NEC.
5. CLOSET NF-KPC A ND NF-STOKLEY POWER TO BE PROVIDED BY UTK. UTK PERSONNEL WILL CONNECT PDUS TO POWER UPON REQUEST OF MSB.
6. CLOSETS R18 REQUIRE SINGE 20AMP 120 VOLT CIRCUIT.
7. 19 INCH 2 POST FLOOR MOUNT RELAY RACKS ARE TO BE USED PER OIT SPECIFICATIONS UNLESS OTHERWISE NOTED IN THIS DESIGN.

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

EQUIPMENT MANUFACTURER

aruba
a Hewlett Packard Enterprise company

CLIENT

THE UNIVERSITY OF TENNESSEE KNOXVILLE

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B	06/27/23	ISSUED FOR APPROVAL	CTJ	BML	KMW
A	05/11/23	ISSUED FOR APPORVAL	LTT	BML	KMW

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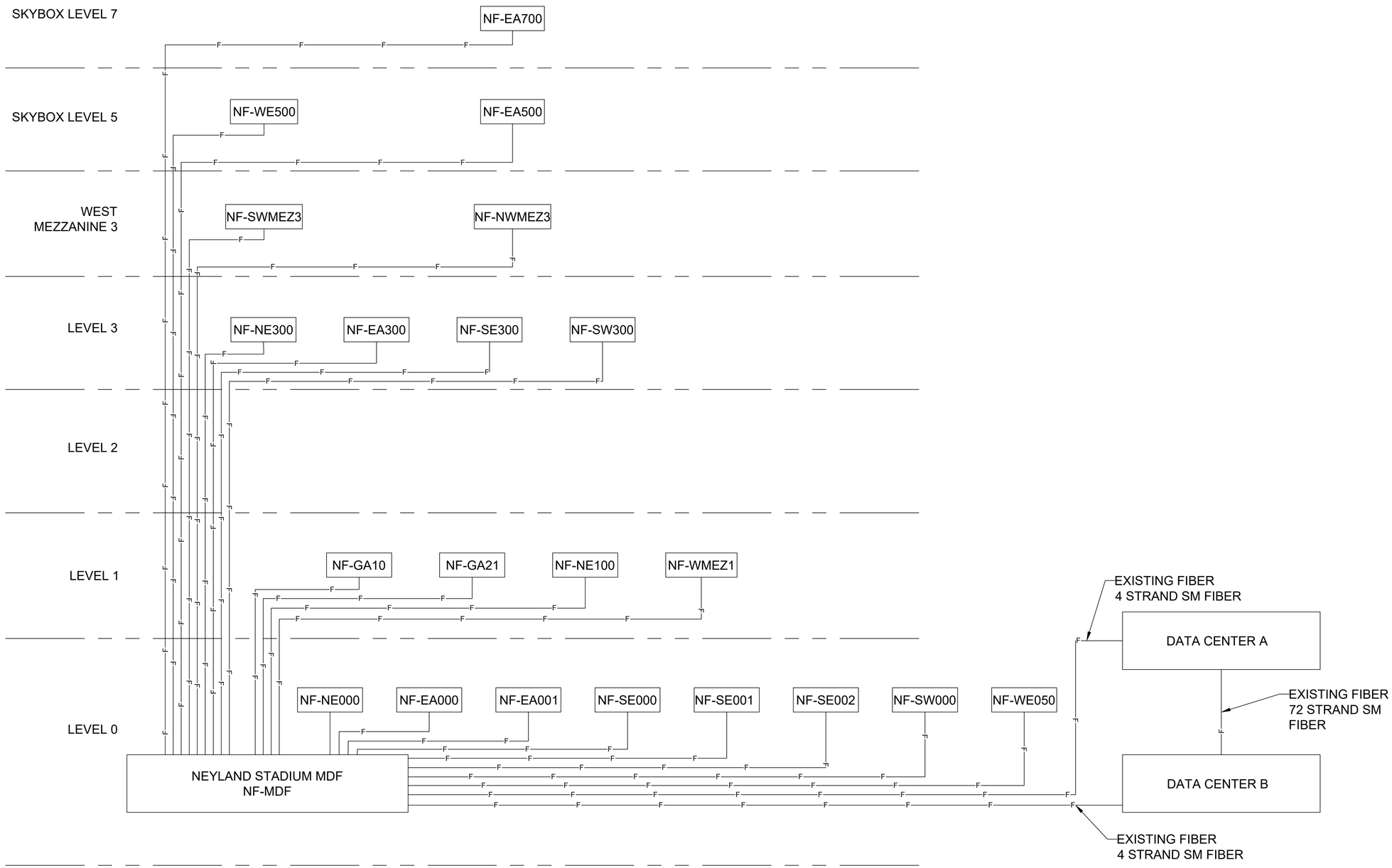
UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
EQUIPMENT RACK ELEVATIONS

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: G. POLO	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-403
APPROVAL: K. WRIGHT	REV. 2



FIBER RISER DIAGRAM

SCALE: N.T.S.

NOTES:

1. EACH SER LOCATION SHOULD BE PROVIDED WITH A NEW 24 STRAND SM FIBER INSTALLED FROM THE MDF.
2. A MINIMUM OF 6 STRANDS SINGLEMODE FIBER SHALL BE TERMINATED IN EACH SER.
3. FIBER DIAGRAM WILL BE UPDATED FOR EACH LEVEL OF THE STADIUM. TOTAL FIBER COUNTS WILL BE DELIVERED ONCE THE ENTIRE STADIUM DESIGN IS COMPLETED.

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

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1	07/09/24	AS-BUILT	JPP	BML	KMW
0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BML	KMW
C	05/11/23	ISSUED FOR APPROVAL(LEVEL 1&7 ADDITION)	LTT	BML	KMW
B	04/05/23	ISSUED FOR APPROVAL (LEVEL 0 & 3 ADDITION)	GBP	BML	KMW
A	03/17/23	ISSUED FOR APPROVAL	GBP	BML	KMW

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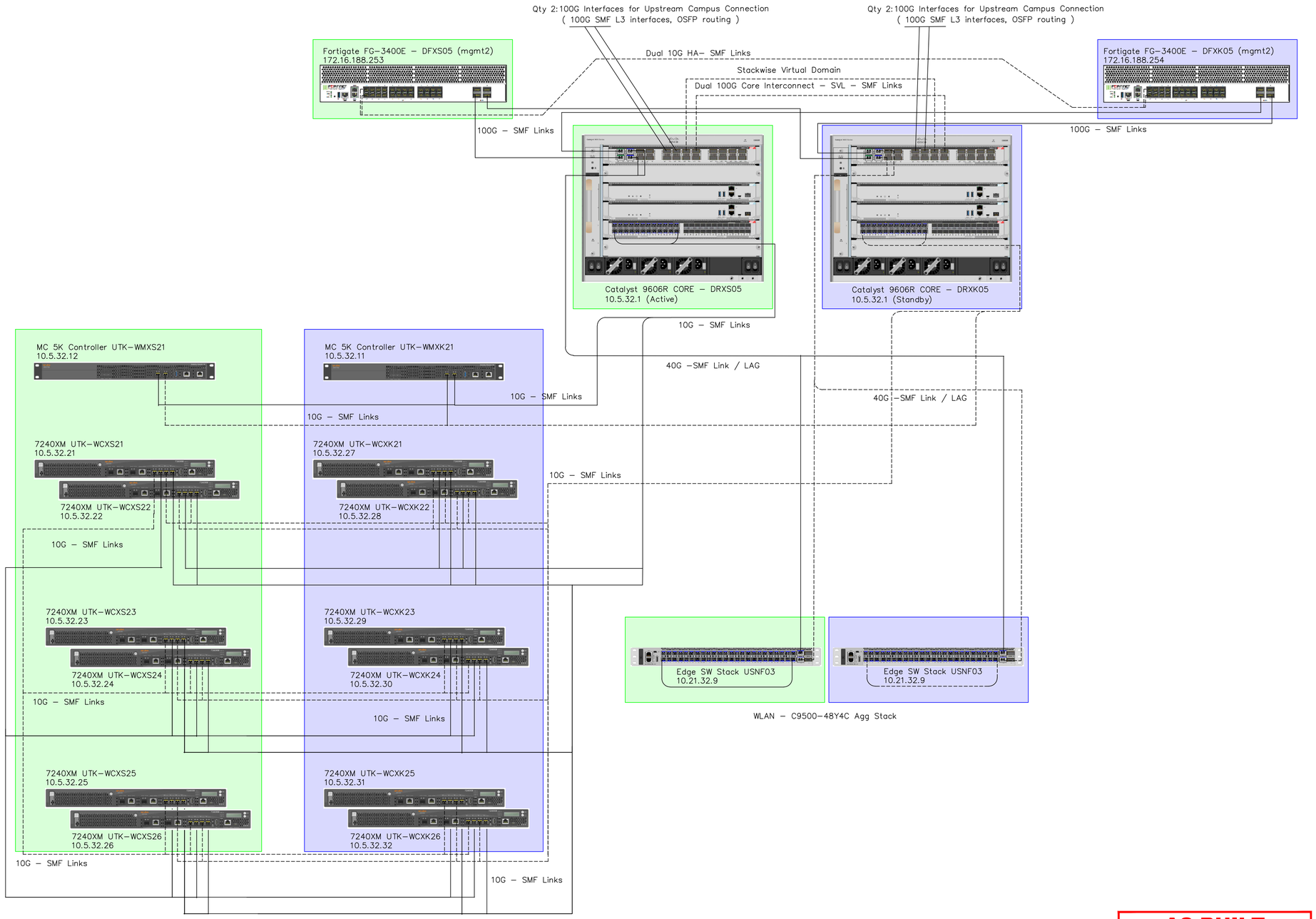
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
FIBER RISER DIAGRAM

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-500
APPROVAL: K. WRIGHT	REV. 2



AS-BUILT DRAWINGS
NOVEMBER 7, 2024

LEGEND

- SMC DATACENTER
- KPB DATACENTER

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0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BML	KMW
A	6/27/23	ISSUED FOR APPROVAL	CTJ	BML	KMW

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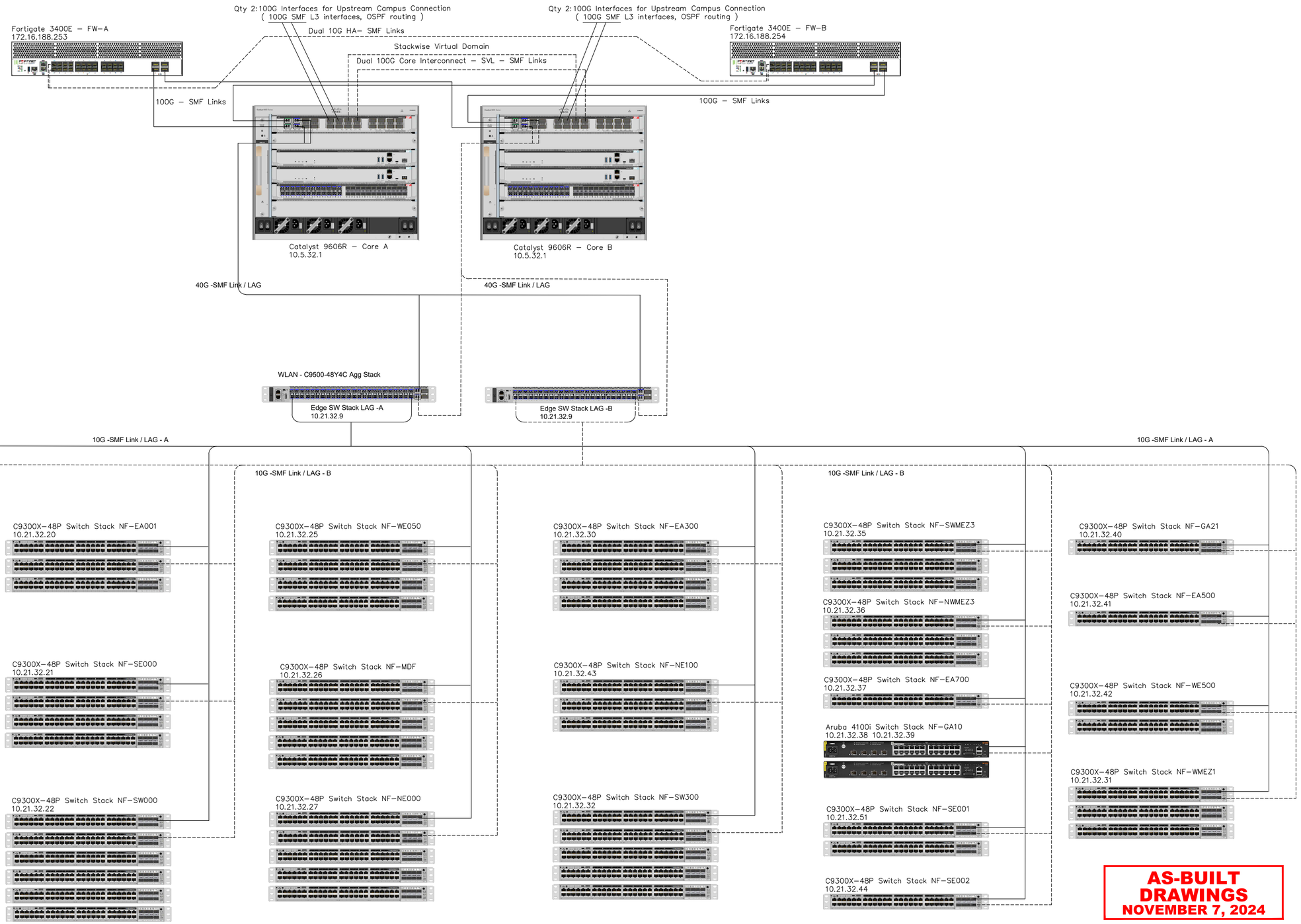
UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
CORE NETWORK

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: JUNE 27, 2023
DESIGNER: JON DENTON	SCALE: N.T.S.
ENGINEER: JON DENTON	DRAWING NO.: TE-23-03849-T-501
APPROVAL: KEN WRIGHT	REV. 2



AS-BUILT DRAWINGS
NOVEMBER 7, 2024

EQUIPMENT MANUFACTURER

aruba
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cisco

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NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
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UNIVERSITY OF TENNESSEE KNOXVILLE

NEYLAND STADIUM

HD WI-FI NETWORK DESIGN AND IMPLEMENTATION

IDF SWITCH STACKS

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: JUNE 27, 2023
DESIGNER: JON DENTON	SCALE: N.T.S.
ENGINEER: JON DENTON	DRAWING NO.: TE-23-03849-T-502
APPROVAL: KEN WRIGHT	REV. 2

DATA SHEET

ARUBA 518 SERIES RUGGEDIZED ACCESS POINTS

High performance Wi-Fi 6 (802.11ax) for harsh weatherprotected and indoor environments

The hardened, Aruba 518 Series access point delivers high Wi-Fi 6 performance in harsh, weather-protected environments such as warehouses, industrial freezers or enclosures in extreme environments such as stadiums. It delivers 4x4:4SS MU-MIMO capability, Aruba's advanced ClientMatch and integrated Bluetooth to enable Aruba location services.

Purpose-built to survive in the harshest weather-protected environments,518 Series APs withstand exposure to extreme high and low temperatures, persistent (non-precipitant) moisture, and are sealed to keep out airborne contaminants. All electrical interfaces include industrial strength surge protection.

Aruba Wi-Fi 6 access points provide high-performance connectivity in dense mobile and IoT environments. With maximum aggregate on air data rate of 3 Gbps (HE80/HE40), the 518 Series APs deliver the speed and reliability needed for demanding environments.

INCREDIBLE EFFICIENCY

The 518 Series APs are designed to optimize user experience by maximizing Wi-Fi efficiency and dramatically reducing airtime contention between clients.

Features include Uplink and Downlink Orthogonal Frequency Division Multiple Access (OFDMA), Downlink Multi-User MIMO (MU MIMO) and cellular co-location. With up to 4 spatial stream and 160 MHz channel capability, the 518 provides groundbreaking wireless capabilities for any application.

Read the Multi-User 802,11ax white paper for further information.

Advantages of OFDMA

This capability allows Aruba Wi-Fi 6 APs to handle multiple Wi-Fi 6 enabled clients simultaneously on a single radio. Channel utilization is optimized per transaction by matching allocated bandwidth in a channel to the offered user load. These sub divisions of the channel are referred to as Resource Units (RU).

Multi-User MIMO (MU-MIMO)

The 518 Series APs support downlink MU-MIMO similar to Wi-Fi 5 (802.11ac Wave 2) APs. With the introduction OFDMA in Wi-Fi 6, the overhead for this capability is reduced and MU-MIMO effectiveness is substantially improved for large client counts.

Wi-Fi 6 and MU-MIMO aware client optimization

Aruba's patented AI powered ClientMatch technology ensures that all clients are attached to their best serving Access Point. Session metrics, network metrics, applications and client type are used to identify and maintain the best connection.

Advanced Cellular Coexistence (ACC)

The ACC feature uses built in filtering to automatically minimize the impact of interference of high power cellular base stations, in building distributed antenna systems as well as small cell and femtocell equipment.

Intelligent Power Monitoring (IPM)

Aruba APs continuously monitor and report hardware energy consumption. APs can be configured to enable or disable capabilities based on the available PoE power – ideal when wired switches have exhausted their power budget.

IOT PLATFORM CAPABILITIES

Aruba Wi-Fi 6 APs include an integrated Bluetooth 5 and 802.15.4 radio (for Zigbee support) to simplify deploying and managing IoT-based location services, asset tracking services, security solutions and IoT sensors. This allow organizations to leverage the 518 as an IoT platform, which eliminates the need for an overlay infrastructure and additional IT resources.

Target Wake Time (TWT)

Ideal for IoT solutions that communicate infrequently, this Wi-Fi 6 capability allows IoT devices to use 802.11ax protocol. TWT coordinates with client devices to allow them to sleep for extended periods and use shorter wake times to communicate before returning to sleep. This substantially extends the useful operating life of Wi-Fi 6 based battery powered sensors.

ARUBA SECURE INFRASTRUCTURE

The 518 Series is an integral part of Aruba's zero trust security approach to help protect user authentication and wireless traffic. Select capabilities include:

WPA3 and Enhanced Open

With the introduction of WPA3 and Enhanced Open, a Wi-Fi 6 certified client will never send unencrypted traffic over the air. Even with an open authenticated network, Enhanced Open still provides strong encryption over the air.

In all Wi-Fi 6 user sessions, each user is uniquely encrypted and if they disconnect and reconnect, the encryption changes from session to session.

WPA2-MPSK

MPSK enables simpler passkey management for WPA2 devices – should the Wi-Fi password on one device change, no additional changes are needed for other devices. This feature is enabled when networks are deployed with ClearPass Policy Manager.

VPN Tunnels

In Remote AP (RAP) and IAP-VPN deployments, the Aruba 518 can be used to establish a secure SSL/IPSec VPN tunnel to a Gateway or Mobility Controller that is configured as a VPN concentrator.

Trusted Platform Module (TPM)

For enhanced device assurance, all Aruba APs have an installed TPM for secure storage of credentials, keys and boot code.

SIMPLE AND SECURE ACCESS

To simplify policy enforcement, the Aruba 518 uses Aruba's Policy Enforcement Firewall (PEF) to encapsulate all traffic from the AP to the Mobility Controller (gateway) for end-to-end encryption and inspection. Policies are applied based on context including user role, device type, application, and location. This reduces the manual configuration of SSIDs, VLANs, and ACLs. PEF also serves as the underlying technology for Aruba Dynamic Segmentation.

HIGH DENSITY CONNECTIVITY

Each 518 Series AP provides connectivity for a maximum of 512 associated clients per radio (1024 total).

Flexible Operation and Management

A unique feature of Aruba APs is the ability to operate in either controller-less or controller-based mode.

Controller-less (Instant) Mode

In controller-less mode, one AP serves as a virtual controller for the entire network. Learn more about Instant mode in this technology brief.

Mobility Controller Mode

For optimized network performance, roaming and security, APs tunnel all traffic to a mobility controller for central management of traffic forwarding, segmentation, encryption, and policy enforcement. Learn more in the ArubaOS datasheet.

Management Options

Available management choices includes Aruba Central (cloud-based) or Aruba AirWave (multi-vendor, on prem) solutions.

For large installations across multiple sites, Aruba APs can be shipped and activated with Zero Touch Provisioning through Aruba Central or AirWave. This reduces deployment time, centralizes configuration, and provides inventory visibility.

ADDITIONAL WI-FI FEATURES

Transmit Beamforming (TxBF)

Increased signal reliability and range

Passpoint Release 2

Seamless cellular-to-Wi-Fi carryover for guests

Dynamic Frequency Selection (DFS)

Optimized use of available RF spectrum

Maximal Ratio Combining (MRC)

Improved receiver performance for multi antenna access points

Cyclic Delay/Shift Diversity (CDD/CSD)

Enable use of multiple transmit antennas

Space-Time Block Coding (STBC)

Increased connection robustness

Low-Density Parity Check (LDPC)

High performance error detection and correction coding for enhanced receiver performance.

AP-518 SPECIFICATIONS

Hardware Variants

- AP-518
  - 5 GHz: Four RP-SMA connectors for external antenna operation
  - 2.4 GHz: Two RP-SMA connectors for external antenna operation

Wi-Fi Radio Specifications

- AP type: Indoor Hardened, Wi-Fi 6 dual radio, 5 GHz 4x4 MIMO and 2.4 GHz 2x2 MIMO
- Software-configurable dual radio supports 5 GHz (Radio 0) and 2.4 GHz (Radio 1)

5 GHz:

- Four spatial stream Single User (SU) MIMO for up to 4.8 Gbps wireless data rate to individual 4SS HE160 Wi-Fi 6 client device (max)
- Two spatial stream Single User (SU) MIMO for up to 1.2 Gbps wireless data rate to individual 2SS HE80 Wi-Fi 6 client device (typical)
- Four spatial stream Multi User (MU) MIMO for up to 4.8 Gbps wireless data rate to up to four 1SS or two 2SS HE160 Wi-Fi 6 DL-MU-MIMO capable client devices simultaneously (max)
- Four spatial stream Multi User (MU) MIMO for up to 2.4 Gbps wireless data rate to up to four 1SS or two 2SS HE80 Wi-Fi 6 DL-MU-MIMO capable client devices simultaneously (typical)

2.4 GHz:

- Two spatial stream Single User (SU) MIMO for up to 575 Mbps wireless data rate to individual 2SS HE40 Wi-Fi 6 client device (max)
- Two spatial stream Single User (SU) MIMO for up to 287 Mbps wireless data rate to individual 2SS HE20, Wi-Fi 6 client device (typical)
- Two spatial stream Multi User (MU) MIMO for up to 575 Mbps wireless data rate to up to two 1SS HE40 Wi-Fi 6 DL-MU-MIMO capable client devices simultaneously (max)
- Two spatial stream Multi User (MU) MIMO for up to 287 Mbps wireless data rate to up to two 1SS HE20 Wi-Fi 6 DL-MU-MIMO capable client devices simultaneously (typical)
- Support for up to 512 associated client devices per radio, and up to 16 BSSIDs per radio
- Supported frequency bands (country-specific restrictions apply):
  - 2.400 to 2.4835 GHz (ISM)
  - 5.150 to 5.250 GHz (U-NII-1)
  - 5.250 to 5.350 GHz (U-NII-2A)
  - 5.470 to 5.725 GHz (U-NII-2C)
  - 5.725 to 5.850 GHz (U-NII-3/ISM)
- Available channels: Dependent on configured regulatory domain.
- Dynamic frequency selection (DFS) optimizes the use of available RF spectrum.
- Supported radio technologies:
  - 802.11b: Direct-sequence spread-spectrum (DSSS)
  - 802.11a/g/n/ac: Orthogonal frequency-division multiplexing (OFDM)
  - 802.11ax: Orthogonal frequency-division multiple access (OFDMA) with up to 16 resource units (RU)
- Supported modulation types:
  - 802.11b: BPSK, QPSK, CCK
  - 802.11a/g/n: BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM (proprietary extension)
  - 802.11ac: BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM, 1024 QAM (proprietary extension)
  - 802.11ax: BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM, 1024 QAM
- 802.11n high-throughput (HT) support: HT 20/40
- 802.11ac very high throughput (VHT) support: VHT 20/40/80/160
- 802.11ax high efficiency (HE) support: HE20/40/80/160
- Supported data rates (Mbps):
  - 802.11b: 1, 2, 5.5, 11
  - 802.11a/g: 6, 9, 12, 18, 24, 36, 48, 54
  - 802.11n (2.4GHz): 6.5 to 300 (MCS0 to MCS15, HT20 to HT40)
  - 802.11n (5GHz): 6.5 to 600 (MCS0 to MCS31, HT20 to HT40)
  - 802.11ac: (5 GHz): 6.5 to 3,467 (MCS0 to MCS9, NSS = 1 to 4 for VHT20 to VHT160)
  - 802.11ax (2.4GHz): 3.6 to 574 (MCS0 to MCS11, NSS = 1 to 2, HE20 to HE40)
  - 802.11ax (5GHz): 3.6 to 4803 (MCS0 to MCS11, NSS = 1 to 4, HE20 to HE160)
- 802.11n/ac packet aggregation: A-MPDU, A-MSDU
- Transmit power: Configurable in increments of 0.5 dBm
- Maximum (conducted) transmit power (limited by local regulatory requirements):
  - 2.4 GHz band: +22 dBm per chain, +25dBm aggregate (2x2)
  - 5 GHz band: +22 dBm per chain, +28dBm aggregate (4x4)
  - Note: conducted transmit power levels exclude antenna gain.
- Maximum EIRP (limited by local regulatory requirements):
  - 2.4 GHz band:
    - 518: 25.0dBm + Antenna Gain
  - 5 GHz band:
    - 518: 28.0dBm + Antenna Gain
- Advanced Cellular Coexistence (ACC) minimizes interference from cellular networks.
- Maximum ratio combining (MRC) for improved receiver performance.
- Cyclic delay/shift diversity (CDD/CSD) to enable the use of multiple transmit antennas
- Short guard interval for 20-MHz, 40-MHz, 80-MHz and 160-MHz channels
- Space-time block coding (STBC) for increased range and improved reception.
- Low-density parity check (LDPC) for high-efficiency error correction and increased throughput.
- Transmit beam-forming (TxBF) for increased signal reliability and range.
- 802.11mc Fine Timing Measurement (FTM) for precision distance ranging

POWER

- Maximum (worst-case) power consumption:
  - POE powered (dual ports): 32.0W
  - POE powered (single port, full function): 26.1W
- Maximum (worst-case) power consumption in idle mode: 14.0W (single POE) or 16.0W (dual POE)
- Maximum (worst-case) power consumption in deep-sleep mode: 2.9W (single POE) or 3.9W (dual POE)
- The AP supports Power over Ethernet (POE) on port E0 and/or E1
- When POE power is supplied to both Ethernet ports, the AP can be configured to combine or prioritize power sources
- Power sources are sold separately; see the ordering Information section below for details
- When powered by 1x 802.3at (class 4) POE and with the IPM feature disabled, the AP will disable the other Ethernet port. In the same configuration but with IPM enabled, the AP will start up in unrestricted mode, but may dynamically apply restrictions depending on the POE budget and actual power. The feature restrictions and order can be programmed.
- Operating the AP with single or dual 802.3af (class 3 or lower) POE source is not supported.

ADDITIONAL INTERFACES

- E0: HPE SmartRate port (RJ-45)
  - Auto-sensing link speed (100/1000/2500BASE-T) and MDI/MDX
  - 2.5Gbps speed complies with NBase-T and 802.3bz specifications
  - PoE-PD: 48vDC (nominal) 802.3at/bt (Class 4 or higher)
  - 802.3az Energy Efficient Ethernet (EEE)
- E1: 100/1000BASE-T (RJ-45)
  - Auto-sensing link speed and MDI/MDX
  - 802.3az Energy Efficient Ethernet (EEE)
  - PoE-PD: 48vDC (nominal) 802.3at/bt (Class4 or higher)
- Link Aggregation (LACP) support between both network ports for redundancy and increased capacity
- Bluetooth 5 and 802.15.4 radio
  - 2.4 GHz
  - Bluetooth 5: up to 8dBm transmit power and -95dBm receive sensitivity
  - Zigbee: up to 8 dBm transmit power and -97dBm receive sensitivity
  - Up to 4dBm transmit power (class 2) and -91 dBm receive sensitivity
- Visual indicator (multi-color LED): For system and radio status
- Reset button: Factory reset (during device power up)
- USB-C console interface

MOUNTING

- Optional mounting kits:
  - Compatible with the AP-MNT-A/B/C/D/E and AP-MNT-MP10 mounting kits supported on the AP-5xx indoor APs
  - Outdoor AP mounts (AP-OUT-MNT-V1A, AP-270-MNT-V2, AP-270-MNT-H1, AP-270-MNT-H2, and AP-270-MNT-H3) are compatible when the AP-270-MNT-ADP adapter is utilized

MECHANICAL

AP-518

- Dimensions/weight (excluding mount):
  - 211 mm (W) x 211 mm (D) x 70 mm (H)
  - 8.31" (W) x 8.31" (D) x 2.76" (H)
  - 1.5 kg/3.3 lbs

ENVIRONMENTAL

- Operating:
  - Temperature: -40° C to +55° C (-40° F to +140° F)
  - Humidity: 5% to 93% non-condensing internal to chassis.
- Storage and transportation:
  - Temperature: -40° C to +70° C (-40° F to +158° F)
- Operating Altitude: 3,000 m
- Water and Dust
  - IP55
- Shock and Vibration ETSI 300-19-2-4

REGULATORY

- FCC/ISED
- CE Marked
- RED Directive 2014/53/EU
- EMC Directive 2014/30/EU
- Low Voltage Directive 2014/35/EU
- UL/IEC/EN 60950
- EN 60601-1-1, EN60601-1-2

For more country-specific regulatory information and approvals, please see your Aruba representative.

REGULATORY MODEL NUMBER

- AP-518: APIN0518

CERTIFICATIONS

- CB Scheme Safety, cTUVus
- UL2043 plenum rating
- Wi-Fi Alliance certified 802.11a/b/g/n/
- Wi-Fi CERTIFIED™ 6 (802.11ax)
- Wi-Fi CERTIFIED™ ac (with Wave 2 features)
- Passpoint® (Release 2) with ArubaOS and Instant

WARRANTY

- Limited Lifetime Warranty

MINIMUM OPERATING SYSTEM SOFTWARE

- ArubaOS & Aruba InstantOS 8.7.0.0
- ArubaOS 10.2.0.0

DATA SHEET - ARUBA AP-518

SCALE: N.T.S.

RF PERFORMANCE TABLE

	Maximum transmit power (dBm) per transmit chain	Receiver sensitivity (dBm) per receive chain
2.4GHz, 802.11b		
1 Mbps	22	-97
11 Mbps	22	-89
2.4GHz, 802.11g		
6 Mbps	22	-94
54 Mbps	20	-76
2.4GHz, 802.11n/ac HT20		
MCS0	22	-93
MCS8	19	-72
2.4GHz, 802.11ax HE20		
MCS0	22	-93
MCS11	17	-62
5GHz, 802.11a		
6 Mbps	22	-95
54 Mbps	20	-76
5GHz, 802.11n/ac HT20/VHT20		
MCS0	22	-94
MCS8	19	-72
5GHz, 802.11n/ac HT40/VHT40		
MCS0	22	-92
MCS9	19	-68
5GHz, 802.11ac VHT80		
MCS0	22	-90
MCS9	19	-65
5GHz, 802.11ac VHT160		
MCS0	22	-84
MCS9	19	-59
5GHz, 802.11ax HE20		
MCS0	22	-94
MCS11	17	-62
5GHz, 802.11ax HE40		
MCS0	22	-91
MCS11	17	-60
5GHz, 802.11ax HE80		
MCS0	22	-87
MCS11	17	-57
5GHz, 802.11ax HE160		
MCS0	22	-85
MCS11	17	-53

Maximum capability of the hardware provided (excluding antenna gain). Maximum transmit power is limited by local regulatory settings.

ORDERING INFORMATION

Part Number	Description
AP-518 Unified Hardened Access Points	
R4G99A	Aruba AP-518 (EG) 802.11ax 2x2:2/4x4:4 Dual Radio 6xRPSMA Connectorized Indoor Hardened AP
R4H00A	Aruba AP-518 (LL) 802.11ax 2x2:2/4x4:4 Dual Radio 6xRPSMA Connectorized Indoor Hardened AP
R4H01A	Aruba AP-518 (P) 802.11ax 2x2:2/4x4:4 Dual Radio 6xRPSMA Connectorized Indoor Hardened AP
R4H02A	Aruba AP-518 (RW) 802.11ax 2x2:2/4x4:4 Dual Radio 6xRPSMA Connectorized Indoor Hardened AP
R4H03A	Aruba AP-518 (US) 802.11ax 2x2:2/4x4:4 Dual Radio 6xRPSMA Connectorized Indoor Hardened AP
AP-518 Unified Hardened Access Points FIPS/TAA	
R4H04A	Aruba AP-518 (EG) TAA 802.11ax 2x2:2/4x4:4 Dual Radio 6xRPSMA Connectorized Indoor Hardened AP
R4H05A	Aruba AP-518 (LL) TAA 802.11ax 2x2:2/4x4:4 Dual Radio 6xRPSMA Connectorized Indoor Hardened AP
R4H06A	Aruba AP-518 (P) TAA 802.11ax 2x2:2/4x4:4 Dual Radio 6xRPSMA Connectorized Indoor Hardened AP
R4H07A	Aruba AP-518 (RW) TAA 802.11ax 2x2:2/4x4:4 Dual Radio 6xRPSMA Connectorized Indoor Hardened AP
R4H08A	Aruba AP-518 (US) TAA 802.11ax 2x2:2/4x4:4 Dual Radio 6xRPSMA Connectorized Indoor Hardened AP

For more ordering information and compatible accessories, please refer to the ordering guide.

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DS_ArubaS1RSeries_RVK_021423 a00096371enw

Contact us at www.arubanetworks.com/contact

DATA SHEET - ARUBA AP-518

SCALE: N.T.S.

DATA SHEET

ARUBA 570 SERIES WIRELESS ACCESS POINTS

High performance Wi-Fi 6 (802.11ax) for outdoor environments

Weatherproof and temperature hardened, Aruba 570 Series access points deliver the highest Wi-Fi 6 performance in outdoor and environmentally challenging locations. The high-performance and high power 570 Series APs deliver maximum capacity and range. It delivers 4x4:4SS MU-MIMO capability, Aruba's advanced ClientMatch and Integrated Bluetooth to enable Aruba location services.

Purpose-built to survive in the harshest outdoor environments, 570 Series APs withstand exposure to extreme high and low temperatures, persistent moisture and precipitation, and are fully sealed to keep out airborne contaminants. All electrical interfaces include industrial strength surge protection.

Aruba Wi-Fi 6 access points provide high-performance connectivity in dense mobile and IoT environments. With maximum aggregate on air data rates of 3 Gbps (HE80/HE40), the 570 Series APs deliver the speed and reliability needed for demanding environments.

INCREDIBLE EFFICIENCY

The 570 Series APs are designed to optimize user experience by maximizing Wi-Fi efficiency and dramatically reducing airtime contention between clients.

Features include Uplink and Downlink Orthogonal Frequency Division Multiple Access (OFDMA), Downlink Multi-User MIMO (MU-MIMO) and cellular co-location. With up to 4 spatial stream and 160 MHz channel capability, the 570 Series provides groundbreaking wireless capabilities for any application.

Read the Multi-User 802.11ax white paper for further information.

Advantages of OFDMA

This capability allows Aruba Wi-Fi 6 APs to handle multiple Wi-Fi 6 enabled clients simultaneously on a single radio. Channel utilization is optimized per transaction by matching allocated bandwidth in a channel to the offered user load. These sub divisions of the channel are referred to as Resource Units (RU).

Multi-User MIMO (MU-MIMO)

The 570 Series APs support downlink MU-MIMO similar to Wi-Fi 5 (802.11ac Wave 2) APs. With the introduction OFDMA in Wi-Fi 6, the overhead for this capability is reduced and MU-MIMO effectiveness is substantially improved for large client counts.

Wi-Fi 6 and MU-MIMO aware client optimization

Aruba's patented AI powered ClientMatch technology ensures that all clients are attached to their best serving Access Point. Session metrics, network metrics, applications and client type are used to identify and maintain the best connection.

Advanced Cellular Coexistence (ACC)

The ACC feature uses built in filtering to automatically minimize the impact of interference of high power cellular base stations, in building distributed antenna systems as well as small cell and femtocell equipment.

Intelligent Power Monitoring (IPM)

Aruba APs continuously monitor and report hardware energy consumption. APs can be configured to enable or disable capabilities based on the available PoE power – ideal when wired switches have exhausted their power budget.

IOT PLATFORM CAPABILITIES

Aruba Wi-Fi 6 APs include an integrated Bluetooth 5 and 802.15.4 radio (for Zigbee support) to simplify deploying and managing IoT-based location services, asset tracking services, security solutions and IoT sensors. This allow organizations to leverage the 570 Series as an IoT platform, which eliminates the need for an overlay infrastructure and additional IT resources.

Target Wake Time (TWT)

Ideal for IoT solutions that communicate infrequently, this Wi-Fi 6 capability allows IoT devices to use 802.11ax protocol. TWT coordinates with client devices to allow them to sleep for extended periods and use shorter wake times to communicate before returning to sleep. This substantially extends the useful operating life of Wi-Fi 6 based battery powered sensors.

ARUBA SECURE INFRASTRUCTURE

The Aruba 570 Series is an integral part of Aruba's zero trust security approach to help protect user authentication and wireless traffic. Select capabilities include:

WPA3 and Enhanced Open

With the introduction of WPA3 and Enhanced Open, a Wi-Fi 6 certified client will never send unencrypted traffic over the air. Even with an open authenticated network, Enhanced Open still provides strong encryption over the air.

In all Wi-Fi 6 user sessions, each user is uniquely encrypted and if they disconnect and reconnect, the encryption changes from session to session.

WPA2-MPSK

MPSK enables simpler passkey management for WPA2 devices – should the Wi-Fi password on one device change, no additional changes are needed for other devices. This feature is enabled when networks are deployed with ClearPass Policy Manager.

VPN Tunnels

In Remote AP (RAP) and IAP-VPN deployments, the Aruba 570 Series can be used to establish a secure SSL/IPSec VPN tunnel to a Gateway or Mobility Controller that is configured as a VPN concentrator.

Trusted Platform Module (TPM)

For enhanced device assurance, all Aruba APs have an installed TPM for secure storage of credentials, keys and boot code.

SIMPLE AND SECURE ACCESS

To simplify policy enforcement, the Aruba 570 Series uses Aruba's Policy Enforcement Firewall (PEF) to encapsulate all traffic from the AP to the Mobility Controller (gateway) for end-to-end encryption and inspection. Policies are applied based on context including user role, device type, application, and location. This reduces the manual configuration of SSIDs, VLANs, and ACLs. PEF also serves as the underlying technology for Aruba Dynamic Segmentation.

HIGH DENSITY CONNECTIVITY

Each 570 Series AP provide connectivity for a maximum of 512 associated clients per radio (1024 total).

Flexible Operation and Management

A unique feature of Aruba APs is the ability to operate in either controller-less or controller-based mode.

Controller-less (Instant) Mode

In controller-less mode, one AP serves as a virtual controller for the entire network. Learn more about Instant mode in this technology brief.

Mobility Controller Mode

For optimized network performance, roaming and security, APs tunnel all traffic to a mobility controller for central management of traffic forwarding, segmentation, encryption, and policy enforcement. Learn more in the ArubaOS datasheet.

Management Options

Available management choices include Aruba Central (cloud-based) or Aruba AirWave (multi-vendor, on prem) solutions.

For large installations across multiple sites, Aruba APs can be shipped and activated with Zero Touch Provisioning through Aruba Central or AirWave. This reduces deployment time, centralizes configuration, and provides inventory visibility.

DATA SHEET - ARUBA AP-575 & AP-577

SCALE: N.T.S.

AS-BUILT DRAWINGS NOVEMBER 7, 2024

EQUIPMENT MANUFACTURER	CLIENT
aruba a Hewlett Packard Enterprise company	THE UNIVERSITY OF TENNESSEE KNOXVILLE

REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
2	11/07/24	AS-BUILT	JPP	BML	KMW
1	07/09/24	AS-BUILT	JPP	BML	KMW
0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BML	KMW
A	03/17/23	ISSUED FOR APPROVAL	LTT	BML	KMW

ENGINEERING CORPORATION

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UNIVERSITY OF TENNESSEE KNOXVILLE

NEYLAND STADIUM

HD WI-FI NETWORK DESIGN AND IMPLEMENTATION

DATA SHEETS

ARUBA AP-518, AP-575 & AP-577

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-600 — REV. 2
APPROVAL: K. WRIGHT	

ADDITIONAL WI-FI FEATURES

Transmit Beamforming (TxBF)
Increased signal reliability and range

Passpoint Release 2
Seamless cellular-to-Wi-Fi carryover for guests

Dynamic Frequency Selection (DFS)
Optimized use of available RF spectrum

Maximal Ratio Combining (MRC)
Improved receiver performance for multi antenna access points

Cyclic Delay/Shift Diversity (CDD/CSD)
Enable use of multiple transmit antennas

Space-Time Block Coding (STBC)
Increased connection robustness

Low-Density Parity Check (LDPC)
High performance error detection and correction coding for enhanced receiver performance.

AP-570 SERIES SPECIFICATIONS

Hardware Variants

- AP-574
  - 5 GHz: Four NF connectors for external antenna operation
  - 2.4 GHz Two NF connectors for external antenna operation
  - BLE/Zigbee: Integrated omnidirectional antenna and peak gain of 4.2dBi
- AP-575
  - Built in Omni Directional Antennas
  - 5 GHz Antennas 5dBi
  - 2.4GHz Antennas 3.4dBi
  - BLE/Zigbee: Integrated omnidirectional antenna and the peak gain of 6dBi
- AP-577
  - Built in 90°H x 90°V Directional Antennas
  - 5 GHz Antennas 5.6dBi
  - 2.4 GHz Antennas 6.8dBi
  - BLE/Zigbee: Integrated omnidirectional antennas with peak gain of 8.4dBi

Wi-Fi Radio Specifications

- AP type: Outdoor Hardened, Wi-Fi 6 dual radio, 5 GHz 4x4 MIMO and 2.4 GHz 2x2 MIMO
- Software-configurable dual radio supports 5 GHz (Radio 0) and 2.4 GHz (Radio 1)

5 GHz:

- Four spatial stream Single User (SU) MIMO for up to 4.8 Gbps wireless data rate to individual 4SS HE160 Wi-Fi 6 client device (max)
- Two spatial stream Single User (SU) MIMO for up to 1.2 Gbps wireless data rate to individual 2SS HE80 Wi-Fi 6 client device (typical)
- Four spatial stream Multi User (MU) MIMO for up to 4.8 Gbps wireless data rate to up to four 1SS or two 2SS HE160 Wi-Fi 6 DL-MU-MIMO capable client devices simultaneously (max)
- Four spatial stream Multi User (MU) MIMO for up to 2.4 Gbps wireless data rate to up to four 1SS or two 2SS HE80 Wi-Fi 6 DL-MU-MIMO capable client devices simultaneously (typical)

2.4 GHz

- Two spatial stream Single User (SU) MIMO for up to 575 Mbps wireless data rate to individual 2SS HE40 Wi-Fi 6 client device (max)
- Two spatial stream Single User (SU) MIMO for up to 287 Mbps wireless data rate to individual 2SS HE20 Wi-Fi 6 client device (typical)
- Two spatial stream Multi User (MU) MIMO for up to 575 Mbps wireless data rate to up to two 1SS HE40 Wi-Fi 6 DL-MU-MIMO capable client devices simultaneously (max)
- Two spatial stream Multi User (MU) MIMO for up to 287 Mbps wireless data rate to up to two 1SS HE20 Wi-Fi 6 DL-MU-MIMO capable client devices simultaneously (typical)
- Support for up to 512 associated client devices per radio, and up to 16 BSSIDs per radio
- Supported frequency bands (country-specific restrictions apply):
  - 2.400 to 2.4835 GHz
  - 5.150 to 5.250 GHz
  - 5.250 to 5.350 GHz
  - 5.470 to 5.725 GHz
  - 5.725 to 5.850 GHz
  - 5.825 to 5.875 GHz
- Available channels: Dependent on configured regulatory domain.
- Dynamic frequency selection (DFS) optimizes the use of available RF spectrum.
- Supported radio technologies:
  - 802.11b: Direct-sequence spread-spectrum (DSSS)
  - 802.11a/g/n/ac: Orthogonal frequency-division multiplexing (OFDM)
  - 802.11ac: Orthogonal frequency-division multiple access (OFDMA) with up to 16 resource units (RU)
- Supported modulation types:
  - 802.11b: BPSK, QPSK, CCK
  - 802.11a/g/n: BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM (proprietary extension)
  - 802.11ac: BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM, 1024 QAM (proprietary extension)
  - 802.11ax: BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM, 1024 QAM
- 802.11n high-throughput (HT) support: HT 20/40
- 802.11ac very high throughput (VHT) support: VHT 20/40/80/160
- 802.11ax high efficiency (HE) support: HE20/40/80/160
- Supported data rates (Mbps):
  - 802.11b: 1, 2, 5.5, 11
  - 802.11a/g: 6, 9, 12, 18, 24, 36, 48, 54
  - 802.11n (2.4GHz): 6.5 to 300 (MCS0 to MCS15, HT20 to HT40)
  - 802.11n (5GHz): 6.5 to 600 (MCS0 to MCS31, HT20 to HT40)
  - 802.11ac: (5 GHz): 6.5 to 3,467 (MCS0 to MCS9, NSS = 1 to 4 for VHT20 to VHT160)
  - 802.11ax (2.4GHz): 8.6 to 574 (MCS0 to MCS11, NSS = 1 to 2, HE20 to HE40)
  - 802.11ax (5GHz): 8.6 to 4803 (MCS0 to MCS11, NSS = 1 to 4, HE20 to HE160)
- 802.11n/ac packet aggregation: A-MPDU, A-MSDU
- Transmit power: Configurable in increments of 0.5 dBm
- Maximum (conducted) transmit power (limited by local regulatory requirements):
  - 2.4 GHz band: +22 dBm per chain, +25dBm aggregate (2x2)
  - 5 GHz band: +22 dBm per chain, +28dBm aggregate (4x4)
  - Note: conducted transmit power levels exclude antenna gain.
- Maximum EIRP (limited by local regulatory requirements):
  - 2.4 GHz band:
    - 574: 25 + Antenna Gain + TxBF Gain
    - 575: 29.0 dBm EIRP
    - 577: 34.4 dBm EIRP
  - 5 GHz band:
    - 574: 28 + Antenna Gain + TxBF Gain
    - 575: 32.6 dBm EIRP
    - 577: 36 dBm EIRP
- Advanced Cellular Coexistence (ACC) minimizes interference from cellular networks.
- Maximum ratio combining (MRC) for improved receiver performance.
- Cyclic delay/shift diversity (CDD/CSD) to enable the use of multiple transmit antennas
- Short guard interval for 20-MHz, 40-MHz, 80-MHz and 160-MHz channels.
- Space-time block coding (STBC) for increased range and improved reception.
- Low-density parity check (LDPC) for high-efficiency error correction and increased throughput.
- Transmit beam-forming (TxBF) for increased signal reliability and range.

POWER

- Maximum (worst-case) power consumption:
  - POE powered (dual ports): 32.0W
  - POE powered (single port, full function): 26.1W
- Maximum (worst-case) power consumption in idle mode: 14.0W (single POE) or 16.0W (dual POE)
- Maximum (worst-case) power consumption in deep-sleep mode: 2.9W (single POE) or 3.9W (dual POE)
- The AP supports Power over Ethernet (POE: on port E0 and/or E1)
- When POE power is supplied to both Ethernet ports, the AP can be configured to combine or prioritize power sources
- Power sources are sold separately; see the ordering Information section below for details
- When powered by 1x 802.3at (class 4) POE and with the IPM feature disabled, the AP will disable the other Ethernet port. In the same configuration but with IPM enabled, the AP will start up in unrestricted mode, but may dynamically apply restrictions depending on the POE budget and actual power. The feature restrictions and order can be programmed.
- Operating the AP with single or dual 802.3af (class 3 or lower) POE source is not supported.

ADDITIONAL INTERFACES

- E0: HPE SmartRate port (RJ-45)
  - Auto-sensing link speed (100/1000/2500BASE-T) and MDI/MDIX
  - 2.5Gbps speed complies with NBase-T and 802.3bz specifications
  - PoE-PD: 48Vdc (nominal) 802.3at/bt (Class 4 or higher)
  - 802.3az Energy Efficient Ethernet (EEE)
- E1: 100/1000BASE-T (RJ-45)
  - Auto-sensing link speed and MDI/MDIX
  - 802.3az Energy Efficient Ethernet (EEE)
  - PoE-PD: 48Vdc (nominal) 802.3at/bt (Class 4 or higher)
- Link Aggregation (LACP) support between both network ports for redundancy and increased capacity
- Bluetooth 5 and 802.15.4 radio
  - 2.4 GHz
  - Bluetooth 5: up to 8dBm transmit power and -95dBm receive sensitivity
  - Zigbee: up to 8 dBm transmit power and -97dBm receive sensitivity
  - Up to 4dBm transmit power (class 2) and -91 dBm receive sensitivity
- Visual indicator (multi-color LED): For system and radio status
- Reset button: Factory reset (during device power up)
- USB-C console interface

MOUNTING

- AP-270-MNT-V1
- AP-270-MNT-V2
- AP-270-MNT-H1
- AP-270-MNT-H2

MECHANICAL

AP-574

- Dimensions/weight (excluding mount):
  - 24 cm (W) x 24 cm (D) x 19 cm (H)/
  - 9.4" (W) x 9.4" (D) x 7.5" (H)
  - 2.7kg/6.0lbs

AP-575

- Dimensions/weight (excluding mount):
  - 24 cm (W) x 24 cm (D) x 27 cm (H)/
  - 9.4" (W) x 9.4" (D) x 10.6" (H)
  - 2.5kg/5.6lbs

AP-577

- Dimensions/weight (excluding mount):
  - 23 cm (W) x 22 cm (D) x 14 cm (H)
  - 9.0" (W) x 8.7" (D) x 5.6" (H)
  - 2.1 kg/4.6 lbs

ENVIRONMENTAL

- Operating:
  - Temperature: -40° C to +65° C (-40° F to +149° F) with full solar loading
  - Humidity: 5% to 93% non-condensing internal
  - Rated for operation in all weather conditions
- Storage and transportation:
  - Temperature: -40° C to +70° C (-40° F to +158° F)
- Operating Altitude: 3,000 m
- Water and Dust
  - IP66/67
- Salt Tolerance
  - Tested to ASTM B117-07A Salt Spray 200hrs
- Wind Survival: Up to 165 Mph
- Shock and Vibration ETSI 300-19-2-4

REGULATORY

- FCC/ISED
- CE Marked
- RED Directive 2014/53/EU
- EMC Directive 2014/30/EU
- Low Voltage Directive 2014/35/EU
- UL/IEC/EN 60950
- EN 60601-1-1, EN60601-1-2

For more country-specific regulatory information and approvals, please see your Aruba representative.

REGULATORY MODEL NUMBER

- AP-574: APEX0574
- AP-575: APEX0575
- AP-577: APEX0577

CERTIFICATIONS

- CB Scheme Safety, cTLVus
- UL2043 plenum rating
- Wi-Fi Alliance certified 802.11a/b/g/n/
- Wi-Fi CERTIFIED™ 6 (802.11ax)
- Wi-Fi CERTIFIED™ ac (with Wave 2 features)
- Passpoint® (Release 2) with ArubaOS and Instant

WARRANTY

- Limited Lifetime Warranty

MINIMUM OPERATING SYSTEM SOFTWARE

- ArubaOS & Aruba InstantOS 8.7.0.0

RF PERFORMANCE TABLE

	Maximum transmit power (dBm) per transmit chain	Receiver sensitivity (dBm) per receive chain
2.4GHz, 802.11b		
1 Mbps	22	-97
11 Mbps	22	-89
2.4GHz, 802.11g		
6 Mbps	22	-94
54 Mbps	20	-76
2.4GHz, 802.11n/ac HT20		
MCS0	22	-93
MCS8	19	-72
2.4GHz, 802.11ax HE20		
MCS0	22	-93
MCS11	17	-62
5GHz, 802.11a		
6 Mbps	22	-95
54 Mbps	20	-76
5GHz, 802.11n/ac HT20/VHT20		
MCS0	22	-94
MCS8	19	-72
5GHz, 802.11n/ac HT40/VHT40		
MCS0	22	-92
MCS9	19	-68
5GHz, 802.11ac VHT80		
MCS0	22	-90
MCS9	19	-65
5GHz, 802.11ac VHT160		
MCS0	22	-84
MCS9	19	-59
5GHz, 802.11ax HE20		
MCS0	22	-94
MCS11	17	-62
5GHz, 802.11ax HE40		
MCS0	22	-91
MCS11	17	-60
5GHz, 802.11ax HE80		
MCS0	22	-87
MCS11	17	-57
5GHz, 802.11ax HE160		
MCS0	22	-85
MCS11	17	-53

Maximum capability of the hardware provided (excluding antenna gain). Maximum transmit power is limited by local regulatory settings.

ORDERING INFORMATION

Part Number	Description
AP-570 Series Unified Outdoor Access Points	
R4H09A	Aruba AP-574 (EG) 802.11ax 2x2:2/4x4:4 Dual Radio 6xNF Connectorized Outdoor AP
R4H10A	Aruba AP-574 (IL) 802.11ax 2x2:2/4x4:4 Dual Radio 6xNF Connectorized Outdoor AP
R4H11A	Aruba AP-574 (P) 802.11ax 2x2:2/4x4:4 Dual Radio 6xNF Connectorized Outdoor AP
R4H12A	Aruba AP-574 (RW) 802.11ax 2x2:2/4x4:4 Dual Radio 6xNF Connectorized Outdoor AP
R4H13A	Aruba AP-574 (US) 802.11ax 2x2:2/4x4:4 Dual Radio 6xNF Connectorized Outdoor AP
R4H14A	Aruba AP-575 (EG) 802.11ax 2x2:2/4x4:4 Dual Radio Integrated Omni Antenna Outdoor AP
R4H15A	Aruba AP-575 (IL) 802.11ax 2x2:2/4x4:4 Dual Radio Integrated Omni Antenna Outdoor AP
R4H16A	Aruba AP-575 (P) 802.11ax 2x2:2/4x4:4 Dual Radio Integrated Omni Antenna Outdoor AP
R4H17A	Aruba AP-575 (RW) 802.11ax 2x2:2/4x4:4 Dual Radio Integrated Omni Antenna Outdoor AP
R4H18A	Aruba AP-575 (US) 802.11ax 2x2:2/4x4:4 Dual Radio Integrated Omni Antenna Outdoor AP
R4H19A	Aruba AP-577 (EG) 802.11ax 2x2:2/4x4:4 Dual Radio Integrated Directional Antenna Outdoor AP
R4H20A	Aruba AP-577 (IL) 802.11ax 2x2:2/4x4:4 Dual Radio Integrated Directional Antenna Outdoor AP
R4H21A	Aruba AP-577 (P) 802.11ax 2x2:2/4x4:4 Dual Radio Integrated Directional Antenna Outdoor AP
R4H22A	Aruba AP-577 (RW) 802.11ax 2x2:2/4x4:4 Dual Radio Integrated Directional Antenna Outdoor AP
R4H23A	Aruba AP-577 (US) 802.11ax 2x2:2/4x4:4 Dual Radio Integrated Directional Antenna Outdoor AP
AP-570 Series Unified Outdoor Access Points FIPS/TAA	
R4H24A	Aruba AP-574 (EG) TAA 802.11ax 2x2:2/4x4:4 Dual Radio 6xNF Connectorized Outdoor AP
R4H25A	Aruba AP-574 (IL) TAA 802.11ax 2x2:2/4x4:4 Dual Radio 6xNF Connectorized Outdoor AP
R4H26A	Aruba AP-574 (P) TAA 802.11ax 2x2:2/4x4:4 Dual Radio 6xNF Connectorized Outdoor AP
R4H27A	Aruba AP-574 (RW) TAA 802.11ax 2x2:2/4x4:4 Dual Radio 6xNF Connectorized Outdoor AP
R4H28A	Aruba AP-574 (US) TAA 802.11ax 2x2:2/4x4:4 Dual Radio 6xNF Connectorized Outdoor AP
R4H29A	Aruba AP-575 (EG) TAA 802.11ax 2x2:2/4x4:4 Dual Radio Integrated Omni Antenna Outdoor AP
R4H30A	Aruba AP-575 (IL) TAA 802.11ax 2x2:2/4x4:4 Dual Radio Integrated Omni Antenna Outdoor AP
R4H31A	Aruba AP-575 (P) TAA 802.11ax 2x2:2/4x4:4 Dual Radio Integrated Omni Antenna Outdoor AP
R4H32A	Aruba AP-575 (RW) TAA 802.11ax 2x2:2/4x4:4 Dual Radio Integrated Omni Antenna Outdoor AP
R4H33A	Aruba AP-575 (US) TAA 802.11ax 2x2:2/4x4:4 Dual Radio Integrated Omni Antenna Outdoor AP
R4H34A	Aruba AP-577 (EG) TAA 802.11ax 2x2:2/4x4:4 Dual Radio Integ Directional Antenna Outdoor AP
R4H35A	Aruba AP-577 (IL) TAA 802.11ax 2x2:2/4x4:4 Dual Radio Integ Directional Antenna Outdoor AP
R4H36A	Aruba AP-577 (P) TAA 802.11ax 2x2:2/4x4:4 Dual Radio Integ Directional Antenna Outdoor AP
R4H37A	Aruba AP-577 (RW) TAA 802.11ax 2x2:2/4x4:4 Dual Radio Integ Directional Antenna Outdoor AP
R4H38A	Aruba AP-577 (US) TAA 802.11ax 2x2:2/4x4:4 Dual Radio Integ Directional Antenna Outdoor AP

Refer to the ordering guide for more information.

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DATA SHEET - ARUBA AP-575 & AP-577

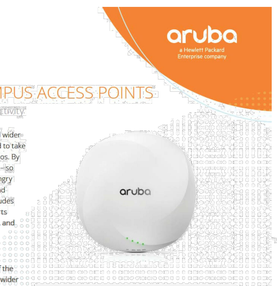
SCALE: N.T.S.

DATA SHEET

ARUBA 630 SERIES CAMPUS ACCESS POINTS

Fast, resilient, and secure Wi-Fi 6E connectivity

For enterprises who need more wireless capacity and wider channels, Aruba 630 Series Campus APs are designed to take advantage of the 6 GHz band via three dedicated radios. By using the 6 GHz band, capacity is more than doubled - so you can meet growing demand due to bandwidth-hungry video, increasing numbers of client and IoT devices and growth in cloud. Unique to Aruba, the 630 Series includes ultra tri-band filtering and dual 2.5 Gbps ethernet ports to eliminate coverage gaps, provide greater resiliency, and deliver fast, secure connectivity.



MORE CAPACITY AND WIDER CHANNELS

The 630 Series APs are designed to take advantage of the 6 GHz band, which translates into far greater speeds, wider channels for multi-gigabit traffic, and less interference. It delivers 3.9 Gbps maximum aggregate data rates Tri-radio, 2x2:2 MIMO in all three bands (3.9 Gbps aggregate peak).

Band	Channel bandwidth	Peak datarate
6 GHz	160 MHz	2.4 Gbps
5 GHz	80 MHz	1.2 Gbps
2.4 GHz	20 MHz	287 Mbps
Total		3.9 Gbps

Advantages of 6GHz

Wi-Fi 6E provides up to 1200 MHz in the 6 GHz band for higher throughput and improved application performance. With up to seven 160 MHz channels, Wi-Fi 6E can better support low-latency, bandwidth hungry applications like high-definition video and artificial reality/virtual reality applications. Only Wi-Fi 6E capable devices can use the 6 GHz band so there is no interference or slowdowns due to legacy devices.

Device class support

The 630 Series APs are part of the low power indoor (LPI) device class. This fixed indoor-only class uses lower power levels and does not require an Automated Frequency Coordination service (AFC) to manage incumbent outdoor services which is required for standard class APs.

KEY FEATURES

- Unlocks the 6 GHz band to more than double the available capacity
- Comprehensive tri-band coverage across 2.4 GHz, 5 GHz, and 6 GHz to deliver 3.9 Gbps maximum aggregate data rate
- Up to seven 160 MHz channels in 6 GHz support low-latency, bandwidth-hungry applications like high-definition video and augmented reality/virtual reality applications
- Unique Ultra Tri-Band (UTB) filtering enables 5 GHz and 6 GHz to operate without restrictions or interference*
- High availability with 2.5 Gbps dual ethernets port for hitless failover of Ethernet and power
- Built in GPS receivers and intelligent software enable APs to self-locate and act as reference points for accurate indoor location measurements

*The UTB feature was not supported on the initial AP-635 hardware, but was introduced in a hardware revision. See Aruba Field Bulletin AP2205-1 on the Aruba Support Portal for more details

LESS INTERFERENCE

630 Series Access Points include Aruba's ultra tri-band filtering, which enables enterprises to take advantage of the high end of 5 GHz with the lower end of 6 GHz without experiencing interference. Since there is only 50 MHz between 5 GHz and the 6 GHz, without advanced filtering, enterprises would likely experience problems between the bands and would therefore be limited in the number of channels available. By applying advanced filtering capabilities, enterprises can take full use of available spectrum without creating coverage gaps or islands.

BUSINESS CONTINUITY

The Series 630 APs provide high availability with two HPE Smart Rate ethernet ports for hitless failover for both data and power. Configurable to 1 or 2.5 Gbps, these dual ports provide business continuity for mission critical applications.

GLOBAL READINESS

While the need for more Wi-Fi capacity is recognized across the globe, countries are approaching 6 GHz differently. The 630 Series APs are set up to automatically update regulatory rules once 6E regulations have been approved and certified.

EXTEND THE BENEFITS OF WI-FI 6

The 630 Series APs are based on the 802.11ax standard, which means that all its efficiency and security enhancements are also available on the 6 GHz band. Wi-Fi 6 features such as Orthogonal Frequency Division Multiple Access (OFDMA), BSS coloring etc. are fully supported on the Aruba Wi-Fi 6E access points as well.

Advantages of OFDMA

This capability allows Aruba's APs to handle multiple 802.11ax capable clients on each channel simultaneously, regardless of device or traffic type. Channel utilization is optimized by handling each transaction via smaller sub-carriers or resource units (RUs), which means that clients are sharing a channel and not competing for airtime and bandwidth.

WI-FI OPTIMIZATION

Client optimization

Aruba's patented AI-powered ClientMatch technology eliminates sticky client issues by steering a client to the AP where it receives the best radio signal. Client Match steers traffic from the noisy 2.4 GHz band to the preferred 5 GHz or 6 GHz band depending on client capabilities. ClientMatch also dynamically steers traffic to load balance APs to improve the user experience.

Automated Wi-Fi radio frequency management

To optimize the user experience and provide greater stability, Aruba AirMatch allows organization to automate network optimization using machine learning. AirMatch provides dynamic bandwidth adjustments to support changing device density, enhanced roaming using an even distribution of Effective Isotropic Radiated Power (EIRP) to radios, and real-time channel assignments to mitigate co-channel interference.

Application Assurance

With Air Slice, organizations can provide application assurance to their users that goes beyond the traditional capabilities of airtime fairness. After the SLAs are configured, Air Slice monitors network usage, automatically allocates radio resources, and dynamically adjusts radio resources as new users connect and applications sessions begin or end.

Aruba Advanced Cellular Coexistence (ACC)

Unique to Aruba, Advanced Cellular Coexistence uses built-in filtering to automatically minimize the impact of interference from cellular networks, distributed antenna systems (DAS), and commercial small cell or femtocell equipment.

Intelligent Power Monitoring (IPM)

For better insights into energy consumption, Aruba APs continuously monitor and report hardware energy usage. Unlike other vendor's access points, Aruba APs can also be configured to enable or disable capabilities based on available PoE power – ideal when wired switches have exhausted their power budget. Enterprises can deploy Wi-Fi 6E APs and update switching and power at a later if needed based on their actual usage.

SELF-LOCATING APS

Indoor location shouldn't require guesswork or costly or complex overlay technologies. Aruba's Wi-Fi 6 and 6E APs help organizations leverage their wireless investment to deliver indoor location – everywhere.

The 630 Series Campus APs include built-in GPS receivers and intelligent software to allow them to automatically locate themselves accurately within the universal framework of latitude and longitude.

As part of Aruba's indoor location solution, they serve as reference points for client devices and other technologies using fine time measurement.

Open Locate, an emerging standard that allows APs to share their location over the air and through cloud-based APIs, enables mobile devices to locate themselves and applications to support network analytics.

APS AS AN IOT PLATFORM

The 630 Series includes an integrated Bluetooth 5 and 802.15.4 radio for Zigbee support to simplify deploying and managing IoT-based location services, asset tracking services, security solutions and IoT sensors. There is also a USB-port extension to provide IoT connectivity to a wider range of devices. These IoT capabilities allows organizations to leverage the Aruba APs as an IoT platform, which eliminates the need for an overlay infrastructure and additional IT resources and can accelerate IoT initiatives.

In addition, Target Wake Time (TWT) establishes a schedule for when clients need to communicate with an AP. This helps improve client power savings and reduces airtime contention with other clients, which is ideal for IoT.

ARUBA SECURE INFRASTRUCTURE

The Aruba 630 Series includes build-security capabilities such as:

WPA3 and Enhanced Open

Support for stronger encryption and authentication is provided via the latest version of WPA for enterprise-protected networks. Enhanced Open offers seamless new protection for users connecting to open networks where each session is automatically encrypted to protect user passwords and data on guest networks.

WPA2-MPSK

MPSK enables simpler passkey management for WPA2 devices – should the Wi-Fi password on one device or device type change, no additional changes are needed for other devices. This capability requires ClearPass Policy Manager.

SIMPLE AND SECURE ACCESS

To improve security and ease of management, IT can centrally configure and automatically enforce role-based policies that define proper access privileges for employees, guests, contractors, and other user groups – no matter where users connect on wired and WLANs. Dynamic Segmentation eliminates the time consuming and error-prone task of managing complex and static VLANs, ACLs, and subnets by dynamically assigning policies and keeping traffic secure and separated.

SEAMLESS HANDOFFS TO CELLULAR

Built on the technical foundations of Passpoint® and Wi-Fi Calling, Air Pass creates a roaming network across the Aruba enterprise customer footprint, extending cellular coverage and enhancing the visitor and subscriber experience to deliver a great experience for your guests while reducing costs and management overhead for DAS.

FLEXIBLE OPERATION AND MANAGEMENT

Our unified APs can operate as standalone access points or with a gateway for greater scalability, security, and manageability. APs can be deployed using zero touch provisioning – without on-site technical expertise – for ease of implementation in branch offices and for remote work.

Aruba APs can be managed using cloud-based or on premises solutions for any campus, branch, or remote work environment. As the management and orchestration console for Aruba ESP (Edge Services Platform), Aruba Central provides a single pane of glass for overseeing every aspect of wired and wireless LANs, WANs, and VPNs. AI-powered analytics, end-to-end orchestration and automation, and advanced security features are built natively into the solution.

SUMMARY

Aruba 630 Series Access Points are designed to take advantage of the 6 GHz band using three radios for comprehensive tri-band coverage to meet the growing demands of Wi-Fi due to increased use of video, growth in client and IoT devices, and expanded use of cloud. With a maximum aggregate 3.9 Gbps data rate for higher throughput and faster speeds for indoor use, the 630 Series delivers added capacity, wider channels, hitless failover, and less interference between the 5 GHz and 6 GHz bands.

SPECIFICATIONS

Hardware variants

- AP-635: Internal antenna models

Wi-Fi radio specifications

- AP type: Indoor, tri radio, 2.4GHz, 5GHz and 6GHz (concurrent) 802.11ax 2x2 MIMO
- 2.4 GHz radio: Two spatial stream Single User (SU) MIMO for up to 574 Mbps wireless data rate with 2SS HE40 802.11ax client devices
- 5 GHz radio: Two spatial stream Single User (SU) MIMO for up to 1.2 Gbps wireless data rate with 2SS HE80 802.11ax client devices
- 6 GHz radio: Two spatial stream Single User (SU) MIMO for up to 2.4 Gbps wireless data rate with 2SS HE160 802.11ax client devices
- Up to 512 associated client devices per radio, and up to 16 BSSIDs per radio (limited to 4 for the 6GHz radio)
- Supported frequency bands (country-specific restrictions apply):
  - 2.400 to 2.4835 GHz ISM
  - 5.150 to 5.250 GHz U-NII-1
  - 5.250 to 5.350 GHz U-NII-2
  - 5.470 to 5.725 GHz U-NII-2E
  - 5.725 to 5.850 GHz U-NII-3/ISM
  - 5.850 to 5.895 GHz U-NII-4
  - 5.925 to 6.425 GHz U-NII-5
  - 6.425 to 6.525 GHz U-NII-6
  - 6.525 to 6.875 GHz U-NII-7
  - 6.875 to 7.125 GHz U-NII-8
- Available bands and channels: Dependent on configured regulatory domain (country)
- Dynamic frequency selection (DFS) optimizes the use of available RF spectrum in the 5 GHz band
- Supported radio technologies:
  - 802.11b: Direct-sequence spread-spectrum (DSSS)
  - 802.11a/g/n/ac: Orthogonal frequency-division multiplexing (OFDM)
  - 802.11ac: Orthogonal frequency-division multiple access (OFDMA) with up to 8 resource units (37 for the 6GHz radio)
- Supported modulation types:
  - 802.11b: BPSK, QPSK, CCK
  - 802.11a/g/n: BPSK, QPSK, 16-QAM, 64-QAM and 256-QAM (proprietary extension)
  - 802.11ac: BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM and 1024-QAM (proprietary extension)
  - 802.11ax: BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM, and 1024-QAM
- 802.11n high-throughput (HT) support: HT20/40
- 802.11ac very high throughput (VHT) support: VHT20/40/80
- 802.11ax high efficiency (HE) support: HE20/40/80/160
- Supported data rates (Mbps):
  - 802.11b: 1, 2, 5.5, 11
  - 802.11a/g: 6, 9, 12, 18, 24, 36, 48, 54
  - 802.11n: 6.5 to 300 (MCS0 to MCS15, HT20 to HT40), 400 with 256-QAM (proprietary extension)
  - 802.11ac: 6.5 to 867 (MCS0 to MCS9, NSS = 1 to 2, VHT20 to VHT80); 1,083 with 1024-QAM (MCS10 and MCS11, proprietary extension)
  - 802.11ax (2.4GHz): 3.6 to 574 (MCS0 to MCS11, NSS = 1 to 2, HE20 to HE40)
  - 802.11ax (5GHz): 3.6 to 1,201 (MCS0 to MCS11, NSS = 1 to 2, HE20 to HE80)
  - 802.11ax (6GHz): 3.6 to 2,402 (MCS0 to MCS11, NSS = 1 to 2, HE20 to HE160)
- 802.11n/ac packet aggregation: A-MPDU, A-MSDU
- Transmit power: Configurable in increments of 0.5 dBm
- Maximum (aggregate, conducted total) transmit power (limited by local regulatory requirements):
  - Per radio/band (2.4 GHz/5 GHz/6 GHz): +21 dBm (18 dBm per chain)
  - Note: conducted transmit power levels exclude antenna gain. For total (EIRP) transmit power, add antenna gain.
- Advanced Cellular Coexistence (ACC) minimizes the impact of interference from cellular networks
- Ultra Tri-Band (UTB) enables ultimate flexibility in 5 GHz and 6 GHz channel selection without performance degradation*
- Maximum ratio combining (MRC) for improved receiver performance
- Cyclic delay/shift diversity (CDD/CSD) for improved downlink RF performance
- Space-time block coding (STBC) for increased range and improved reception
- Low-density parity check (LDPC) for high-efficiency error correction and increased throughput
- Transmit beam-forming (TxBF) for increased signal reliability and range
- 802.11ax Target Wait Time (TWT) to support low-power client devices
- 802.11mc Fine Timing Measurement (FTM) for precision distance ranging

Wi-Fi antennas

- AP-635; Integrated downtilt omni-directional antennas for 2x2 MIMO with peak antenna gain of 4.6 dBi in 2.4 GHz, 7.0 dBi in 5 GHz and 6.3 dBi in 6 GHz. Built-in antennas are optimized for horizontal ceiling mounted orientation of the AP. The downtilt angle for maximum gain is roughly 30 to 40 degrees.
  - Combining the patterns of each of the antennas of the MIMO radios, the peak gain of the combined, average pattern is 2.9 dBi in 2.4 GHz, 4.9 dBi in 5 GHz and 4.3 dBi in 6 GHz.

Other interfaces and features

- E0, E1: Two Ethernet wired network ports (RJ-45)
  - Auto-sensing link speed (100/1000/2500BASE-T) and MDI/MDIX
  - 2.5 Gbps speed complies with NBase-T and 802.3bz specifications
  - PoE-PD: 48Vdc (nominal) 802.3at/bt PoE (class 4 or higher)
  - 802.3az Energy Efficient Ethernet (EEE)
  - Link aggregation (LACP) support between both network ports for redundancy and increased capacity
- DC power interface: 12Vdc (nominal, +/- 5%), accepts 2.1mm/5.5mm center-positive circular plug with 9.5mm length
- USB 2.0 host interface (Type A connector)
  - Capable of sourcing up to 1A/5W to an attached device
- Bluetooth Low Energy (BLE5.0) and Zigbee (802.15.4) radio
  - BLE: up to 5 dBm transmit power (class 1) and -100 dBm receive sensitivity (125 kbps)
  - Zigbee: up to 5 dBm transmit power and -97 dBm receive sensitivity (250 kbps)
  - Integrated omnidirectional antenna with roughly 30 to 40 degrees downtilt and peak gain of 3.0 dBi
- GNSS L1 (1575.42 MHz) receiver supporting GPS, Galileo, GLONASS, and BeiDou signal
  - Receive sensitivity: -160dBm (tracking)
  - Integrated omnidirectional antenna with roughly 30 to 40 degrees downtilt and peak gain of 3.6dBi
- Advanced IoT Coexistence (AIC) allows concurrent operation of multiple radios in the 2.4 GHz band
- Built-in Trusted Platform Module (TPM) for enhanced security and anti-counterfeiting
- Visual indicators (four multi-color LEDs): for System (1x) and Radio (3x) status
- Reset button: factory reset, LED mode control (normal/off)
- Serial console interface (proprietary, micro-B USB physical jack)
- Kensington security slot
- Automatic thermal shutdown and recovery function

Power sources and power consumption

- The AP supports direct DC power and Power over Ethernet (PoE) on port E0 and/or E1
- When both DC and PoE power sources are available, DC power takes priority over PoE
- When PoE power is supplied to both Ethernet ports, either port can be configured as the active power source
- Inactive/standby PoE power sources can be used to deliver hitless failover
- Power sources are sold separately; see the 630 Series Ordering Guide for details
- When powered by DC or 802.3bt (class 5) PoE, the AP will operate without restrictions.
- When powered by 802.3at (class 4) PoE with the IPM feature disabled, the AP will disable the USB port.
- Operating the AP with an 802.3af (class 3 or lower) POE source is not supported (except for AP staging).
- With IPM enabled, the AP will start up in unrestricted mode but may dynamically apply restrictions depending on the available power budget and actual consumption. The feature restrictions and order in which these get applied are configurable.

*The UTB feature was not supported on the initial AP-635 hardware, but was introduced in a hardware revision. See Aruba Field Bulletin AP2205-1 on the Aruba Support Portal for more details

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

DATA SHEET - ARUBA AP-635

SCALE: N.T.S.

EQUIPMENT MANUFACTURER	CLIENT	REVISION					
aruba a Hewlett Packard Enterprise company	THE UNIVERSITY OF TENNESSEE KNOXVILLE	NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
		2	11/07/24	AS-BUILT	JPP	BML	KMW
		1	07/09/24	AS-BUILT	JPP	BML	KMW
		0	07/20/23	ISSUED FOR CONSTRUCTION	CTJ	BML	KMW
		A	03/17/23	ISSUED FOR APPROVAL	LTT	BML	KMW

Single POE source	Class 5 (802.3bt)	Class 4 (802.3at)	Class 3 (802.3af)
Power budget	40W	25.5W	13.9W
Power mode	Unrestricted	Restricted	Staging support only, no radios will be enabled
USB port	Enabled	Disabled	
Ethernet	Both ports enabled	Both ports enabled	
MIMO	2x2	2x2	
Max RF power reduction	0dB	0dB	

Default POE power modes (IPM disabled)

- Maximum (worst-case) power consumption (without/with a USB device attached):
  - DC powered: 20.7W/26.4W.
  - PoE powered: 23.8W/29.4W.
  - This assumes that up to 5W is supplied to the attached USB device.
- Maximum (worst-case) power consumption in idle mode: 8.7W/14.2W (DC) or 11.7W/17.2W (PoE).
- Maximum (worst-case) power consumption in deep-sleep mode: 1.1W (DC) or 1.9W (PoE).

Mounting details

A mounting bracket has been pre-installed on the back of the AP. This bracket is used to secure the AP to any of the mount kits (sold separately); see the 630 Series Ordering Guide for details.

Mechanical specifications

- Dimensions/weight (AP-635; unit without mount bracket):
  - 220mm (W) x 220mm (D) x 51mm (H)
  - 1300g
- Dimensions/weight (AP-635; shipping):
  - 250mm (W) x 240mm (D) x 85mm (H)
  - 1650g

Environmental specifications

- Operating conditions
  - Temperature: 0C to +50C/+32F to +122F
  - Relative humidity: 5% to 95%
  - ETS 300 019 class 3.2 environments
  - AP is plenum rated for use in air-handling spaces
- Storage conditions
  - Temperature: -25C to +55C / -13F to +131F
  - Relative humidity: 10% to 100%
  - ETS 300 019 class 1.2 environments
- Transportation conditions
  - Temperature: -40C to +70C/-40F to +158F
  - Relative humidity: up to 95%
  - ETS 300 019 class 2.3 environments

Regulatory compliance

- FCC/ISED
- CE Marked
- RED Directive 2014/53/EU
- EMC Directive 2014/30/EU
- Low Voltage Directive 2014/35/EU
- UL/IEC/EN 60950
- IEC/EN 62368-1
- EN 60601-1-1, EN60601-1-2

For more country-specific regulatory information and approvals, please see your Aruba representative.

Reliability

- Mean Time Between Failure (MTBF): 520 khrs (59 yrs) at +25C operating temperature

Regulatory model numbers

- AP-635 (all models): APIN0635

Certifications

- UL2043 plenum rating
- Wi-Fi Alliance (WFA):
  - Wi-Fi CERTIFIED a, b, g, n, ac
  - Wi-Fi CERTIFIED 6E (ax, 6GHz)
  - WPA, WPA2 and WPA3 – Enterprise with CNSA option, Personal (SAE), Enhanced Open (OWE)
  - WMM, WMM-PS, W-Fi Agile Multiband
  - Passpoint (release 2)
- Bluetooth SIG
- Ethernet Alliance (PoE, PD device, class 5)

WARRANTY

Aruba's hardware limited lifetime warranty.

MINIMUM OPERATING SYSTEM SOFTWARE VERSIONS

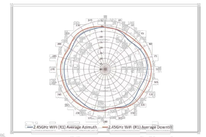
- ArubaOS and Aruba InstantOS 8.9.0.0
- ArubaOS 10.4.0.0

RF PERFORMANCE TABLE		
Band, rate	Maximum transmit power (dBm) per transmit chain	Receiver sensitivity (dBm) per receive chain
2.4 GHz, 802.11b		
1Mbps	18.0	-96.0
11Mbps	18.0	-88.0
2.4 GHz, 802.11g		
6Mbps	18.0	-92.0
54Mbps	16.0	-74.0
2.4 GHz, 802.11n HT20		
MCS0	18.0	-91.0
MCS7	16.0	-73.5
2.4 GHz, 802.11ax HE20		
MCS0	18.0	-91.0
MCS11	14.0	-61.0
5 GHz, 802.11a		
6Mbps	18.0	-88.0
54Mbps	16.0	-71.5
5 GHz, 802.11n HT20/HT40		
MCS0	18.0/18.0	-88.0/-85.0
MCS7	15.0/15.0	-70.0/-67.0
5 GHz, 802.11ac VHT20/VHT40/VHT80		
MCS0	18.0/18.0/18.0	-88.5/-85.5/-82.5
MCS9	14.0/14.0/14.0	-64.5/-61.5/-58.5
5 GHz, 802.11ax HE20/HE40/HE80		
MCS0	18.0/18.0/18.0	-88.5/-85.5/-82.5
MCS11	14.0/14.0/14.0	-59.0/ 56.0/-53.0
6 GHz, 802.11ax HE20/HE40/HE80/HE160		
MCS0	18.0/18.0/18.0/18.0	-90.0/-87.0/-84.0/-81.0
MCS11	14.0/14.0/14.0/14.0	-63.5/-60.5/-57.5/-54.5

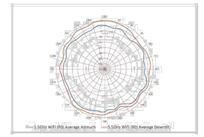
ANTENNA PATTERNS AP-635

Horizontal planes (top view)

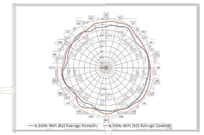
Showing both azimuth (0 degrees) and 30 degrees downtilt patterns (averaged patterns for all applicable antennas)



2.45GHz Wi-Fi antenna patterns (horizontal)



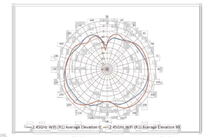
5.5GHz Wi-Fi antenna patterns (horizontal)



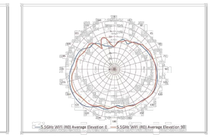
6.5GHz Wi-Fi antenna patterns (horizontal)

Vertical (elevation) planes (side view, AP facing down)

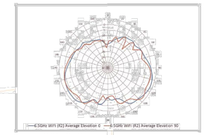
Showing side view with AP rotated 0 and 90 degrees (averaged patterns for all applicable antennas)



2.45GHz Wi-Fi antennas patterns (vertical)



5.5GHz Wi-Fi antennas patterns (vertical)



6.5GHz Wi-Fi antennas patterns (vertical)

ORDERING INFORMATION AP-635	
Part number	Description
R7J34A	Aruba AP-635 (EG) Tri-radio 2x2:2 802.11ax Wi-Fi 6E Internal Antennas Campus AP
R7J25A	Aruba AP-635 (IL) Tri-radio 2x2:2 802.11ax Wi-Fi 6E Internal Antennas Campus AP
R7J26A	Aruba AP-635 (JP) Tri-radio 2x2:2 802.11ax Wi-Fi 6E Internal Antennas Campus AP
R7J27A	Aruba AP-635 (RW) Tri-radio 2x2:2 802.11ax Wi-Fi 6E Internal Antennas Campus AP
R7J28A	Aruba AP-635 (US) Tri-radio 2x2:2 802.11ax Wi-Fi 6E Internal Antennas Campus AP
R7J29A	Aruba AP-635 (EG) TAA Tri-radio 2x2:2 802.11ax Wi-Fi 6E Internal Antennas Campus AP
R7J30A	Aruba AP-635 (IL) TAA Tri-radio 2x2:2 802.11ax Wi-Fi 6E Internal Antennas Campus AP
R7J31A	Aruba AP-635 (JP) TAA Tri-radio 2x2:2 802.11ax Wi-Fi 6E Internal Antennas Campus AP
R7J32A	Aruba AP-635 (RW) TAA Tri-radio 2x2:2 802.11ax Wi-Fi 6E Internal Antennas Campus AP
R7J33A	Aruba AP-635 (US) TAA Tri-radio 2x2:2 802.11ax Wi-Fi 6E Internal Antennas Campus AP

Note: All hardware SKUs can be managed by Aruba Central. Central Managed (CM) SKUs are used for simplified ordering within US and Canada only.

For more ordering information and compatible accessories, please refer to the ordering guide.

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DS_ArubaA630SeriesAP_RVK_021323 a00114648ennw

Contact us at www.arubanetworks.com/contact

DATA SHEET - ARUBA AP-635

SCALE: N.T.S.

AP-270-MNT-H3 Mount Kit

Installation Guide

The AP-270-MNT-H3 is designed to mount access points to a wall/pole according to the installation procedure provided in this guide.

NOTE

The AP-270-MNT-H3 mount kit supports multiple access point (AP) models. All installation images in this guide show the 577 AP.

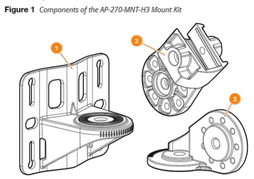
Package Contents

- Mounting bracket x 1
- Mounting arm x 1
- Mounting holder x 1
- M10x30 screw x 2
- M6x20 screw x 3
- 60cm cable tie x 1
- 6 inches hose clamp x 2

Installation

The AP-270-MNT-H3 mount kit contains mounting bracket (1), mounting arm (2) and mounting holder (3) as shown in Figure 1.

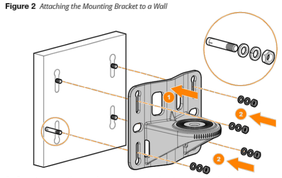
Figure 1 *Components of the AP-270-MNT-H3 Mount Kit*



Mounting the Access Point to a Wall

1. Use the mounting bracket as a template to mark the four mounting hole locations on the wall.
2. Use a drill to make four holes on the four markings from the previous step.
3. Insert an anchor bolt into each drilled hole (Anchor bolts are not included in the package).
4. Place the mounting bracket over the anchor bolts and press the bracket against the wall.
5. Place the washers and nut onto the bolt's threaded end and tighten the nut until the mounting bracket is firmly attached to the wall as shown in Figure 2.

Figure 2 *Attaching the Mounting Bracket to a Wall*



6. Place the mounting arm in your desired horizontal angle by aligning the arrow marking on the mounting arm to the appropriate degree marking on the mounting bracket. The horizontal angles of the AP (mounted on the AP-270-MNT-H3 mount kit) can be adjusted +/-45 degrees. Use the M10x30 screw (with washers) included in the package to attach the mounting arm to the mounting bracket as shown in Figure 3 and Figure 4. We recommend to torque the M10x30 screw to 12 N.m.

Figure 3 *Attaching the Mounting Arm to the Mounting Bracket*

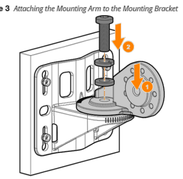
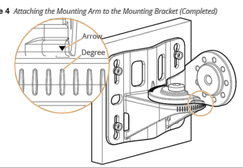
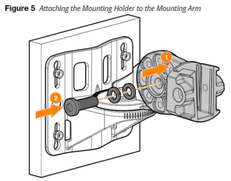


Figure 4 *Attaching the Mounting Arm to the Mounting Bracket (Completed)*



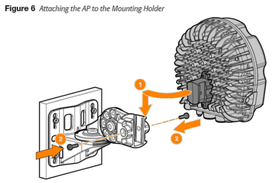
7. Use the M10x30 screw (with washers) included in the package to fasten the mounting holder to the mounting arm as shown in Figure 5. We recommend to torque the M10x30 screw to 12 N.m.

Figure 5 *Attaching the Mounting Holder to the Mounting Arm*



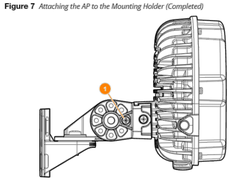
8. Slide the holder of the AP into the opening of the mounting holder and use two M6x20 screws (included in the package) to fix the AP to the mounting holder as shown in Figure 6. We recommend to torque the M6x20 screws to 2.5 N.m.

Figure 6 *Attaching the AP to the Mounting Holder*



9. The vertical angle of the AP can be adjusted +/-45 degrees by inserting an M6x20 screw (included in the package) into the different holes on the mounting holder as shown in Figure 7. We recommend to torque the M6x20 screw to 2.5 N.m.

Figure 7 *Attaching the AP to the Mounting Holder (Completed)*

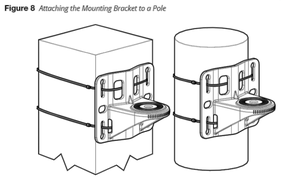


10. Use the cable tie to fasten the cables on the mount kit.

Mounting the Access Point to a Pole

1. Pass the hose clamps through the slots on the mounting bracket, attach the mounting bracket to the pole and tighten the clamp using a screw driver to twist its screw head as shown in Figure 8.

Figure 8 *Attaching the Mounting Bracket to a Pole*



2. Repeat step 6 to step 10 in the Mounting the Access Point to a Wall section.

DATA SHEET - ARUBA AP-270-MNT-H3

SCALE: N.T.S.

AS-BUILT DRAWINGS NOVEMBER 7, 2024

EQUIPMENT MANUFACTURER	CLIENT
aruba a Hewlett Packard Enterprise company	THE UNIVERSITY OF TENNESSEE KNOXVILLE

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UNIVERSITY OF TENNESSEE KNOXVILLE

NEYLAND STADIUM

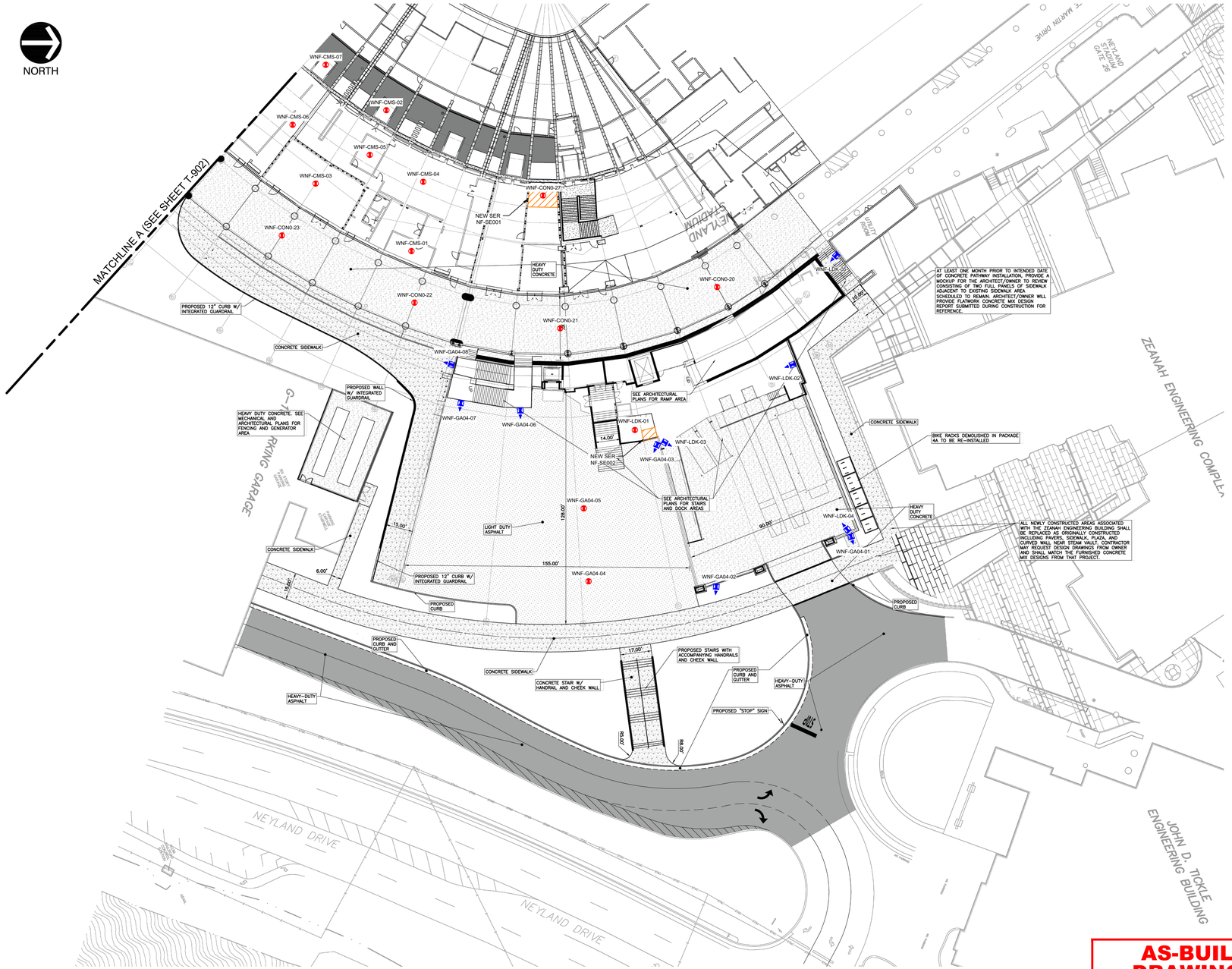
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION

DATA SHEETS

ARUBA AP-635 & AP-270-MNT-H3

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: MARCH 1, 2023
DESIGNER: L. TRAN	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-602 REV. 2
APPROVAL: K. WRIGHT	



AS-BUILT DRAWINGS
NOVEMBER 7, 2024

SOUTH STADIUM RENOVATIONS PLAN VIEW

Scale: 1/32"=1'-0"

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
2. REFERENCE DRAWING TE-23-03849-G-004 FOR ALL GENERAL NOTES.
3. REFERENCE DRAWING TE-23-03849-T-200 THROUGH TE-23-03849-T-241 FOR ALL ACCESS POINT AND ANTENNA INFORMATION. (MODEL #, TYPE, DOWNTILT, MOUNTING DETAIL, ETC.)

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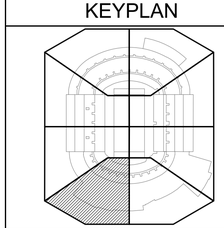
ACCESS POINT LABEL NOMENCLATURE

WNF-XXXX-00

WIFI NEYLAND FIELD
LEVEL
ROOM NO.
SEQUENCE

KEYPLAN



LEGEND

DIRECTIONAL ACCESS POINT / ANTENNA

OMNI ACCESS POINT / ANTENNA

EQUIPMENT MANUFACTURER	CLIENT
aruba a Hewlett Packard Enterprise company	THE UNIVERSITY OF TENNESSEE KNOXVILLE

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A	07/11/24	ISSUED FOR APPROVAL	JPP	BLM	KMW

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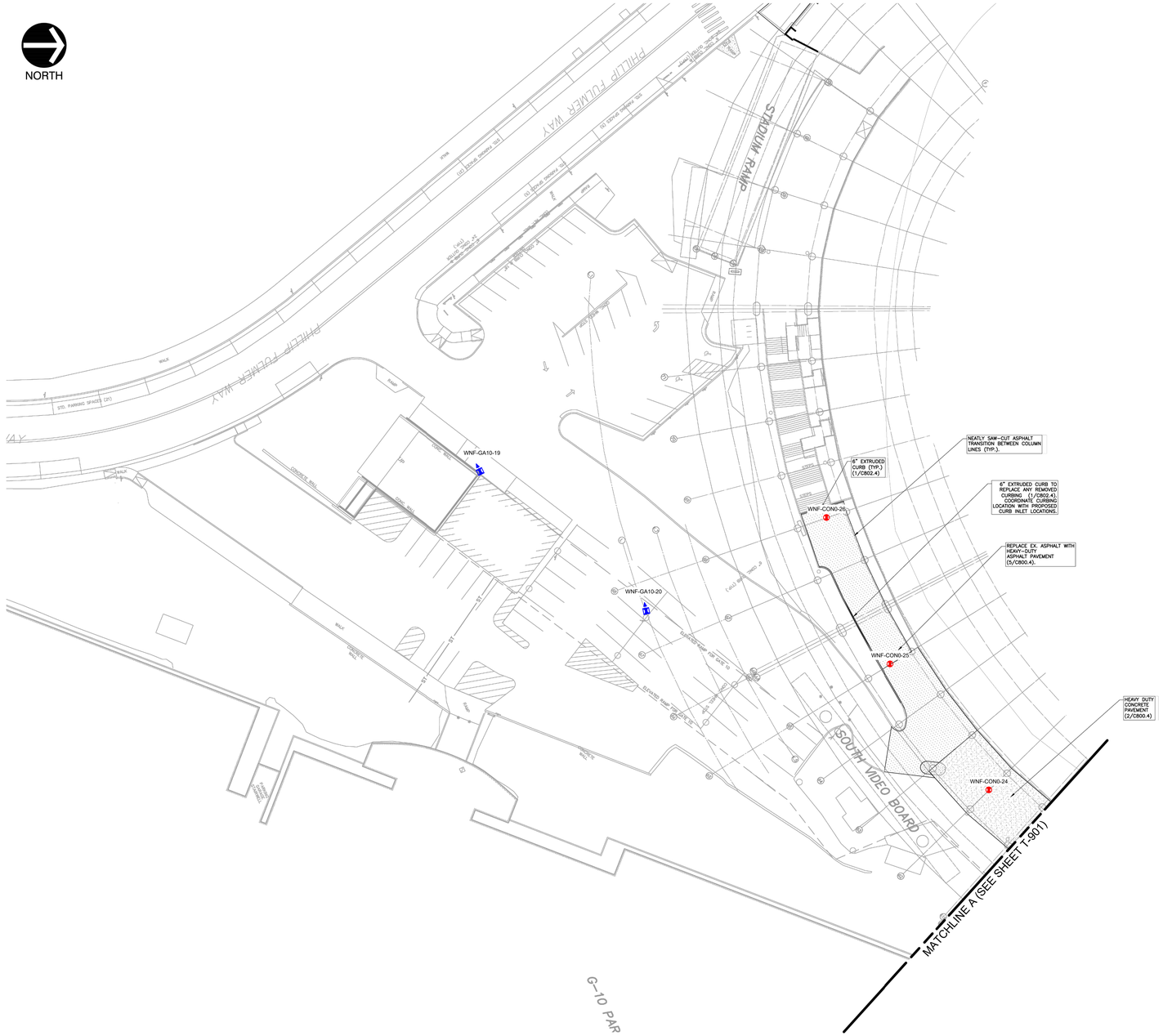
UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
SOUTH STADIUM RENOVATIONS
WI-FI PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: JULY 11, 2024
DESIGNER: J. POIRRIER	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-901
APPROVAL: K. WRIGHT	REV. 2



SOUTH STADIUM RENOVATIONS PLAN VIEW

Scale: 1/32"=1'-0"

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3. REFERENCE DRAWING TE-23-03849-T-200 THROUGH TE-23-03849-T-241 FOR ALL ACCESS POINT AND ANTENNA INFORMATION. (MODEL #, TYPE, DOWNTILT, MOUNTING DETAIL, ETC.)

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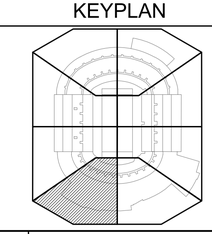
ACCESS POINT LABEL NOMENCLATURE

WNF-XXXX-00

WIFI NEYLAND FIELD — LEVEL — ROOM NO. — SEQUENCE

KEYPLAN



LEGEND

DIRECTIONAL ACCESS POINT / ANTENNA

OMNI ACCESS POINT / ANTENNA

EQUIPMENT MANUFACTURER: aruba, a Hewlett Packard Enterprise company

CLIENT: THE UNIVERSITY OF TENNESSEE KNOXVILLE

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NEYLAND STADIUM

HD WI-FI NETWORK DESIGN AND IMPLEMENTATION

SOUTH STADIUM RENOVATIONS

WI-FI PLAN VIEW

M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: JULY 11, 2024
DESIGNER: J. POIRRIER	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-902 — REV. 2
APPROVAL: K. WRIGHT	

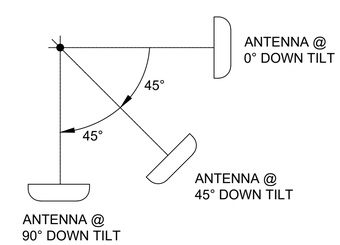
No.	AP Name	AP Model	AP Type	AP Bracket	Antenna Model	Antenna Downtilt	Elevation	Installation Detail	SER	Cable Label	SN	Switch/Port	MAC	Stealthing
1	WNF-CON0-20	AP-575	OMNI	AP-270-MNT-H2	---	---	CEILING	B8	NF-SE001	ONF-SE001-191	CNPRKV30R2	1/0/45	6cc49fcfd8de	---
2	WNF-CON0-21	AP-575	OMNI	AP-270-MNT-H2	---	---	CEILING	B8	NF-SE001	ONF-SE001-192	CNPRKV30HG	1/0/47	6cc49fcfd954	---
3	WNF-CON0-22	AP-575	OMNI	AP-270-MNT-H2	---	---	CEILING	B8	NF-SE001	ONF-SE001-193	CNPSKV31D3	1/0/1	6cc49fcfef3c	---
4	WNF-CON0-23	AP-575	OMNI	AP-270-MNT-H2	---	---	CEILING	B8	NF-SE001	ONF-SE001-194	CNPRKV30RT	1/0/3	6cc49fcfd3fa	---
5	WNF-CON0-24	AP-575	OMNI	AP-270-MNT-H2	---	---	CEILING	B8	NF-SE001	ONF-SE001-195	CNPRKV30RK	1/0/5	6cc49fcfdb18	---
6	WNF-CON0-25	AP-575	OMNI	AP-270-MNT-H2	---	---	CEILING	B8	NF-SW000	ONF-SW000-220	CNPRKV307D	5/0/8	6cc49fcfdb26	---
7	WNF-CON0-26	AP-575	OMNI	AP-270-MNT-H2	---	---	CEILING	B8	NF-SW000	ONF-SW000-219	PHRYKV30PC	5/0/6	480020c6244a	---
8	WNF-CON0-27	AP-635	OMNI	AP-MNT-D	---	---	CEILING	A5	NF-SE001	---	PHQDKYJB6B	1/0/25	8c7909ceac94	---
9	WNF-GA10-19	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	12'	B2	NF-GA10	ONF-GA10-29	phs6kv4015	1/0/10	480020c64436	---
10	WNF-GA10-20	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	12'	B2	NF-GA10	ONF-GA10-30	phs6kv4007	1/0/12	480020c6474e	---
11	WNF-GA04-01	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	12'	B1	NF-SE002	ONF-SE002-013	phs6kv400b	1/0/27	480020c6463c	---
12	WNF-GA04-02	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	12'	B1	NF-SE002	ONF-SE002-014	phs6kv4003	1/0/21	480020c6439e	---
13	WNF-GA04-03	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	12'	B1	NF-SE002	ONF-SE002-015	phs6kv407h	1/0/19	480020c64778	---
14	WNF-GA04-04	AP-575	OMNI	AP-270-MNT-H2	---	---	12'	B9	NF-SE002	ONF-SE002-016	PHRYKV3016	1/0/17	480020c624c4	---
15	WNF-GA04-05	AP-575	OMNI	AP-270-MNT-H2	---	---	12'	B9	NF-SE002	ONF-SE002-017	PHRYKV30G8	1/0/15	480020c62536	---
16	WNF-GA04-06	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	12'	B1	NF-SE001	ONF-SE001-197	phs6kv407n	1/0/29	480020c64318	---
17	WNF-GA04-07	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	12'	B1	NF-SE001	ONF-SE001-198	phs6kv4009	1/0/31	480020c643bc	---
18	WNF-GA04-08	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	12'	B1	NF-SE001	ONF-SE001-199	phs6kv400n	1/0/33	480020c6473e	---
19	WNF-LDK-01	AP-575	OMNI	AP-270-MNT-H2	---	---	CEILING	B7	NF-SE002	ONF-SE002-012	PHRYKV30BW	1/0/25	480020C6258C	---
20	WNF-LDK-02	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	12'	B1	NF-SE002	ONF-SE002-009	PHS6KV401F	1/0/31	480020C64344	---
21	WNF-LDK-03	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	12'	B1	NF-SE002	ONF-SE002-010	PHS6KV401N	1/0/29	480020C6469E	---
22	WNF-LDK-04	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	12'	B1	NF-SE002	ONF-SE002-011	PHS6KV401P	1/0/23	480020C6431A	---
23	WNF-LDK-05	AP-577	DIRECTIONAL	AP-270-MNT-H3	---	35°	12'	B1	NF-SE001	ONF-SE001-196	PHS6KV401J	1/0/27	480020C643C8	---
24	WNF-CMS-01	AP-635	OMNI	AP-MNT-D	---	---	CEILING	A5	NF-SE001	ONF-SE040031	PHQDKYJBCX	1/0/6	8c7909ceb855	---
25	WNF-CMS-02	AP-635	OMNI	AP-MNT-D	---	---	CEILING	A5	NF-SE001	ONF-SE040016	PHQDKYJBCY	1/0/2	8c7909cea5a7	---
26	WNF-CMS-03	AP-635	OMNI	AP-MNT-D	---	---	CEILING	A5	NF-SE001	ONF-SE040020	PHQDKYJBBJ	1/0/4	8c7909ce9c0b	---
27	WNF-CMS-04	AP-635	OMNI	AP-MNT-D	---	---	CEILING	A5	NF-SE001	ONF-SE040015	PHQDKYJBCS	2/0/18	8c7909ceafe8	---
28	WNF-CMS-05	AP-635	OMNI	AP-MNT-D	---	---	CEILING	A5	NF-SE001	ONF-SE040017	PHQDKYJBDG	2/0/19	8c7909cec497	---
29	WNF-CMS-06	AP-635	OMNI	AP-MNT-D	---	---	CEILING	A5	NF-SE001	ONF-SE040043	PHQDKYJB8K	2/0/21	8c7909ce9f5f	---
30	WNF-CMS-07	AP-635	OMNI	AP-MNT-D	---	---	CEILING	A5	NF-SE001	ONF-SE040044	PHQDKYJBCZ	2/0/20	8c7909ced052	---

NOTES:

1. -

DOWN TILT DEFINITION

CEILING/ROOF



FLOOR

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

EQUIPMENT MANUFACTURER

aruba
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CLIENT

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REVISION

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0	08/05/24	ISSUED FOR CONSTRUCTION	JPP	BLM	KMW
A	07/11/24	ISSUED FOR APPROVAL	JPP	BLM	KMW

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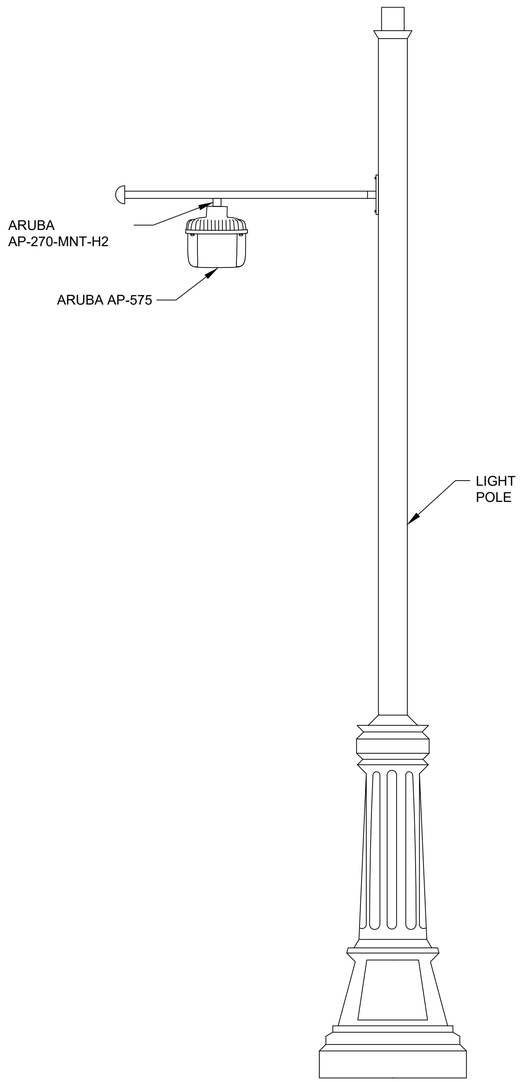
UNIVERSITY OF TENNESSEE KNOXVILLE
NEYLAND STADIUM
HD WI-FI NETWORK DESIGN AND IMPLEMENTATION
SOUTH STADIUM RENOVATIONS
ACCESS POINT SCHEDULE

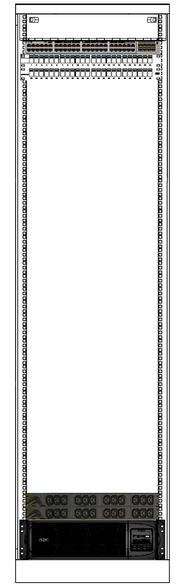
M S BENBOW & ASSOCIATES
CONSULTING ENGINEERS

PROJECT NO.: TE-23-03849	DATE: JULY 11, 2024
DESIGNER: J. POIRRIER	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-921
APPROVAL: K. WRIGHT	REV. 2



PARTS LIST				
ITEM	QTY.	VENDOR	PART NO.	DESCRIPTION
1	1	ARUBA	AP-575	ACCESS POINT
2	1	ARUBA	AP-270-MNT-H2	AP MOUNTING BRACKET

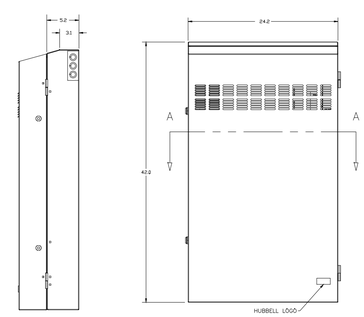
B9 DETAIL - LIGHTPOLE MOUNT
SCALE: 1-1/2" = 1'-0"



FIBER PP - HUBBLE FCR2U6SPT
CISCO C9300X-48HX-E
CAT6A PP - HUBBLE HPJ48 WITH HXJ6Y JACKS

APC-AP9566
APC-AP9566
APC-SRT5KRMXLT

R22 DETAIL - SER NF-SE001
SCALE: NTS



APC-SRT2200RMXLT
CISCO C9300X-48HX-E

R23 DETAIL - SER NF-SE002
SCALE: NTS

NOTES:

1. REFERENCE DRAWING TE-23-03849-G-003 FOR ALL ABBREVIATIONS AND SYMBOLS.
2. REFERENCE DRAWING TE-23-03849-G-004 FOR ALL GENERAL NOTES.
3. REFERENCE DRAWING TE-23-03849-T-200 THROUGH TE-23-03849-T-241 FOR ALL ACCESS POINT AND ANTENNA INFORMATION. (MODEL #, TYPE, DOWNTILT, MOUNTING DETAIL, ETC.)
4. ALL SITE EQUIPMENT SHALL BE GROUNDED AND BONDED IN ACCORDANCE WITH NFPA 70 ARTICLE 250, UNIVERSITY OF TENNESSEE KNOXVILLE STANDARDS, AND HARDWARE REQUIREMENTS.
5. CLOSET R22 REQUIRES A SINGLE 30A 240V CIRCUIT WITH A L6-30R ABOVE RACK.
6. LIGHTPOLE, LIGHTPOLE ARM MOUNT, AND ALL ASSOCIATED LIGHTPOLE HARDWARE TO BE PROVIDED AND INSTALLED BY OTHERS.
7. CLOSET R23 REQUIRES A SINGLE 20AMP 120VOLT CIRCUIT.

AS-BUILT DRAWINGS
NOVEMBER 7, 2024

EQUIPMENT MANUFACTURER

aruba
a Hewlett Packard Enterprise company

CLIENT

THE UNIVERSITY OF TENNESSEE KNOXVILLE

REVISION

NO.	DATE	REVISION DESCRIPTION	DRWN	CHK'D	APP'D
2	11/07/24	AS-BUILT	JPP	BLM	KMW
1	09/04/24	AS-BUILT	JPP	BLM	KMW
0	08/05/24	ISSUED FOR CONSTRUCTION	JPP	BLM	KMW
A	07/11/24	ISSUED FOR APPROVAL	JPP	BLM	KMW

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RACK ELEVATIONS & INSTALLATION DETAILS

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PROJECT NO.: TE-23-03849	DATE: JULY 11, 2024
DESIGNER: J. POIRRIER	SCALE: AS NOTED
ENGINEER: B. LEON	DRAWING NO.: TE-23-03849-T-931 — REV. 2
APPROVAL: K. WRIGHT	