

Phone: 530-652-4169 | Fax: 530-641-1258

**WALKER**  
TELECOMM, INC.

SHEET INDEX											
ISSUE LOG	<table border="1"> <tr><td>08.07.2020 50% SD/00</td><td>08.18.2020 100% SD/00</td></tr> <tr><td>08.31.2020 75% CD</td><td>09.11.2020 100% CD</td></tr> <tr><td>12.03.2020 100% CD OSHPD BC 2</td><td>01.12.2021 100% CD OSHPD BC 2</td></tr> <tr><td></td><td>02.17.2021 100% CD OSHPD BC 3</td></tr> <tr><td></td><td>02.20.2021 ACD #3</td></tr> </table>	08.07.2020 50% SD/00	08.18.2020 100% SD/00	08.31.2020 75% CD	09.11.2020 100% CD	12.03.2020 100% CD OSHPD BC 2	01.12.2021 100% CD OSHPD BC 2		02.17.2021 100% CD OSHPD BC 3		02.20.2021 ACD #3
08.07.2020 50% SD/00	08.18.2020 100% SD/00										
08.31.2020 75% CD	09.11.2020 100% CD										
12.03.2020 100% CD OSHPD BC 2	01.12.2021 100% CD OSHPD BC 2										
	02.17.2021 100% CD OSHPD BC 3										
	02.20.2021 ACD #3										



## SANTA CLARA VALLEY HEALTH AND HOSPITAL SYSTEM

751 S. BASCOM  
AVENUE,  
SAN JOSE, CA 95128  
**BLDG M 4TH - GI &  
BRONCH INTERIM  
RELOCATION**

SHEET TITLE:

## TECHNOLOGY INFORMATION AND SHEET INDEX

SCALE: NONE  
PROJECT NUMBER: 36018.80

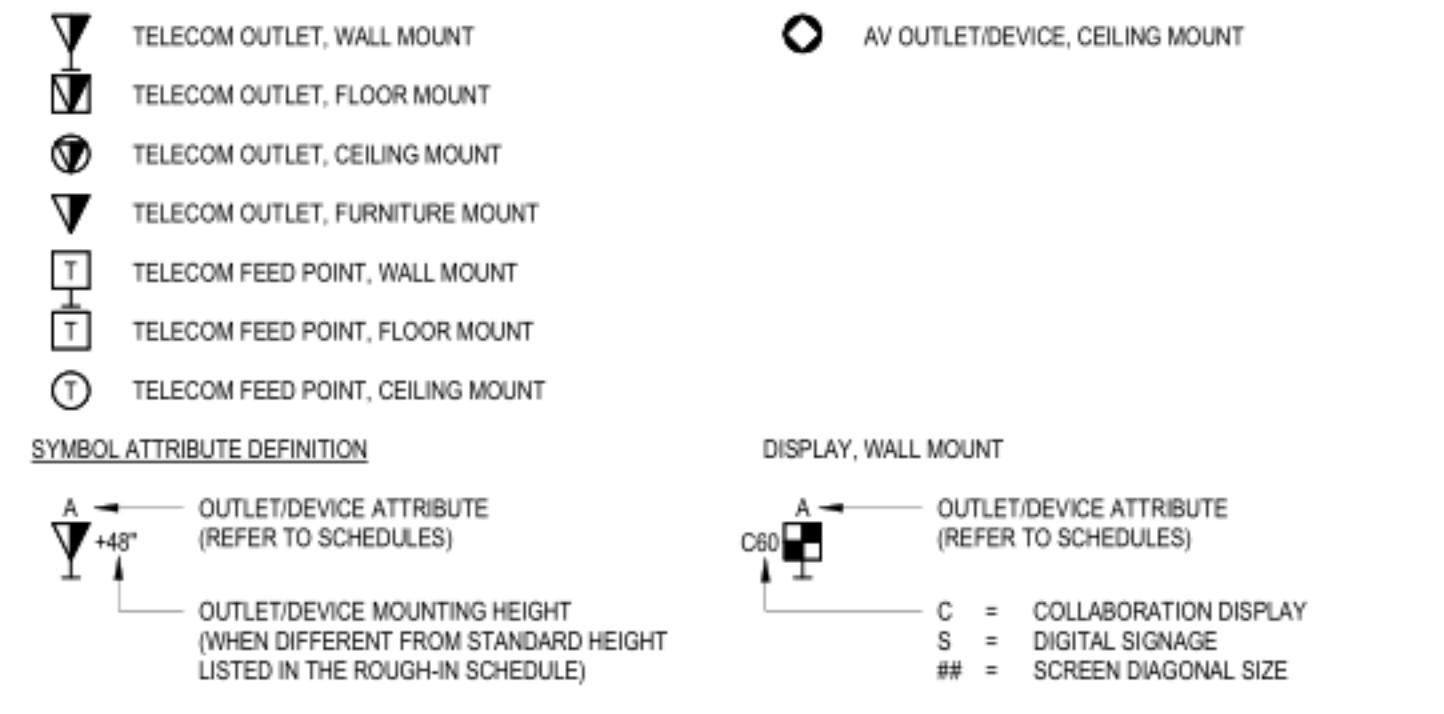
SHEET NUMBER:

T-001

## ABBREVIATIONS

(E)	EXISTING	MDF	MAIN DISTRIBUTION FACILITY
(F)	FUTURE	MH	MAINTENANCE HOLE
(N)	NEW	MHz	MEGHERTZ
(P)	PROTECTED SIDE OF DOOR	MIC	MICROPHONE
A	AMPLIFIER	MIN	MINIMUM
ACAMS	ACCESS CONTROL AND ALARM MONITORING SYSTEM	MIF	MINIMUM FIBER TYPE
ACES	ALTERNATING CURRENT EQUIPMENT GROUNDING	MPOE	MINIMUM POINT OF ENTRY
ACT	ACOUSTICAL CEILING TILE	MPTL	MODULAR PLUG TERMINATED LINK
ACU	ACCESS CONTROL UNIT	MT	MOUNT
ADA	AMERICANS WITH DISABILITIES ACT	MTR	MAIN TELECOMMUNICATIONS ROOM
AFC	ABOVE FINISHED CEILING	MTX	MATRIX
AFF	ABOVE FINISHED FLOOR	NC	NORMALLY CLOSED (SWITCH TYPE)
ALS	ASSISTIVE LISTENING SYSTEM	NET	COMPUTER NETWORK
ANT	ANTENNA	NF	N-FAEMALE
ARF	ABOVE RAISED FLOOR	NIC	NOT IN CONTRACT
AVC	AUDIOVISUAL CONTRACTOR	N-MALE	N-MALE
AWG	AMERICAN WIRE GAUGE	NO	NOT OPEN (SWITCH TYPE)
BAS	BUILDING AUTOMATION SYSTEM	NPF	NEUTRAL POINT PATCHING FACILITY
BBC	BACKBONE BONDING CONDUCTOR	NTS	NOT TO SCALE
BCT	BONDING CONDUCTOR FOR TELECOMMUNICATIONS	OC	ON CENTER
BDA	BIDIRECTIONAL AMPLIFIER	OFI	OWNER-FURNISHED, CONTRACTOR-INSTALLED
BDF	BUILDING DISTRIBUTION FACILITY	OFCP	OPTICAL FIBER CONDUCTIVE PLENUM
BFC	BELOW FINISHED CEILING	OFCR	OPTICAL FIBER CONDUCTIVE RISER
BICSI	BUILDING INDUSTRY CONSULTING SERVICE INTERNATIONAL	OFE	OWNER-FURNISHED EQUIPMENT
BOM	BILL OF MATERIAL	OFNP	OPTICAL FIBER NON-CONDUCTIVE PLENUM
BOT	BOTTOM OF CABLE TRAY	OFNR	OPTICAL FIBER NON-CONDUCTIVE RISER
C	CONDUX	OSDP	OPEN SUPERVISED DEVICE PROTOCOL
CAM	CAMERA	OSPF	OPEN STANDARD FOR PLANT FAULT
CAT3	CATEGORY 3 (UTP CABLE)	PA	PUBLIC ADDRESS (SOUND SYSTEM)
CAT5E	ENHANCED CATEGORY 5 (UTP CABLE)	PB	PULL BOX
CAT6	CATEGORY 6 (UTP CABLE)	PBB	PRIMARY BONDING BUSBAR
CATBA	AUGMENTED CATEGORY 6 (UTP CABLE)	PIR	PASSIVE INFRARED SENSOR
CATV	COMMUNITY ANTENNA TELEVISION	PNL	PANEL
CATVP	COMMUNITY ANTENNA TELEVISION PLENUM	PR	PAIR OF COPPER CONDUCTORS
CB	CEILING BOX	PRJ	PROJECTOR
CBN	COMMON BONDING NETWORK	PRJ SCR	PROJECTION SCREEN
CLO	CLIP	PS	POWER SUPPLY
CLSM	CONTROLLED LOW STRENGTH MATERIAL	SPB	SECURITY PULL BOX
CMP	COMMUNICATIONS MEDIA PLENUM	SEC	SECURITY EQUIPMENT CABINET
CMR	COMMUNICATIONS MEDIA RISER	SW	SECURITY WORKSTATION
CP	CONTROL PANEL	SW	SWITCH
CPU	CENTRAL PROCESSING UNIT	TBB	TELECOM BONDING BACKBONE
CR	CARD READER	TBC	TELECOM BONDING CONDUCTOR
CTL	CONTROL	TC	TELECOM CONTRACTOR
CV	COMMUNICATIONS VAULT	TCMM	TELECOMMUNICATIONS DISTRIBUTION METHODS
D	DEPTH / DEEP (DIMENSION)	TS	TERMINATION STRIP
DA	DISTRIBUTION AMPLIFIER	TBT	TERMINATION TRIM SECTION
DAS	DISTRIBUTED ANTENNA SYSTEM	TV	TV TUNER
DIV	DIVISION	TX	TRANSMITTER
DL	DOWNLINK	TYP	TYPICAL
DOC	VIDEO DOCUMENT CAMERA	UL	UPLINK
DPORT	DISPLAYPORT MEDIA CONNECTION	UTP	UTP - TWISTED PAIR WITH NO SHIELD
DSP	AUDIO DIGITAL SIGNAL PROCESSOR	V	VOLTS
EC	ELECTRICAL CONTRACTOR	VC	VOLUME CONTROL
EMS	ELECTRICAL MANAGEMENT SYSTEM	VCM	VERTICAL CABLE MANAGER
EMT	ELECTRICAL METALLIC TUBING	VMS	VIDEO MANAGEMENT SYSTEM
EOL	END OF LINE	VOIP	VOICE OVER INTERNET PROTOCOL (CONNECTION)
EQUIP	EQUIPMENT	VSS	VIDEO SURVEILLANCE SYSTEM
EV	EV 8000 EXTENSION	W	WIDTH (DIMENSION)
FACP	FIRE ALARM CONTROL PANEL	WAP	WIRELESS ACCESS POINT
FATC	FIRE ALARM TERMINAL CABINET	WB	WALL BOX
FB	FLOOR BOX	WGND	WEIGAND
FRDA	FIBER BI-DIRECTIONAL AMPLIFIER	WP	WEATHERPROOF
FO	FIBER OPTIC	XFM	TRANSFORMER
FT	FEET		
FTP	F/UTP - TWISTED PAIR WITH OVERALL FOIL SHIELD		
GC	GENERAL CONTRACTOR		
GHz	GIGAHERTZ		
GRS	GALVANIZED RIGID STEEL		
H	HEIGH / HIGH (DIMENSION)		
HDBT	HDBT		
HDMI	HDMI MEDIA CONNECTION		
HE	HEADEND		
IDF	INTERMEDIATE DISTRIBUTION FACILITY		
IDS	INTRUSION DETECTION SYSTEM		
IN	INCHES		
INT	AUDIOVISUAL INTERFACE (CONNECTION POINT)		
IR	INFRARED		
ISP	INSIDE PLANT		
JB	JUNCTION BOX		
L	LEVEL (DIMENSION)		
LAUD	LINE-LEVEL AUDIO		
LV	LOW VOLTAGE		
LVI	LOW VOLTAGE INTERFACE		
MAUD	MICROPHONE-LEVEL AUDIO		
MAX	MAXIMUM		
MBGRB	MAIN BUILDING GROUNDING REFERENCE BUS		

## TELECOM / AUDIOVISUAL SYMBOLS



## GENERAL NOTES

**GENERAL:**  
1. THE TECHNOLOGY DRAWINGS ARE A SUBSET OF A LARGER SET OF DRAWINGS, AS A SUBSET, WORK DESCRIBED IN THE TECHNOLOGY DRAWINGS REQUIRES REFERENCE TO DRAWINGS OF OTHER DISCIPLINES FOR A COMPLETE UNDERSTANDING OF THE TRUE SCOPE OF WORK. REFER TO THE COMPLETE DRAWING PACKAGE AND SPECIFICATIONS TO DETERMINE THE SCOPE OF THE WORK.  
2. THESE GENERAL NOTES APPLY TO THE DRAWINGS LISTED ON THE TECHNOLOGY SHEET INDEX.  
3. NO PART OF THIS SUBSET OF CONTRACT DOCUMENTS MAY BE CONSTRUED TO REQUIRE OR PERMIT WORK CONTRARY TO A GOVERNING LAW, ORDINANCE, OR REGULATION; NO PART MAY BE CONSTRUED TO REQUIRE OR PERMIT WORK CONTRARY TO CONTRACT DOCUMENTS BEYOND THE SUBSET.  
4. KEEP A COPY OF THE TECHNOLOGY DESIGN DOCUMENTS AT THE JOB SITE AND PRESENT IT UPON REQUEST. MAINTAIN MARKUPS TRACKING AUTHORIZED CHANGES AND REFLECTING THE STATE OF THE INSTALLATION. PRESERVE THESE FOR REVIEW UPON REQUEST.  
5. THE ARCHITECTURAL DRAWINGS ESTABLISH THE FINISHED APPEARANCE AND EXACT LOCATIONS OF EXPOSED ELEMENTS OF THE WORK OF TRADES, INCLUDING WORK ILLUSTRATED ON THIS DRAWING SUBSET. OUTLET DEVICE EQUIPMENT, ETC. LOCATIONS SHOWN ON THIS DRAWING SUBSET ARE DIAGRAMMATIC. REFER TO ARCHITECTURAL DRAWINGS FOR FINISHED LOCATIONS. SYMBOLS USED IN THIS DRAWING PACKAGE IS DIAGRAMMATIC AND IS NOT INTENDED TO IDENTIFY EXACT POSITIONS OF DEVICES.  
6. REFER TO SPECIFICATIONS FOR PROJECT SCOPE, GENERAL REQUIREMENTS, PRODUCT SPECIFICATIONS, AND INSTALLATION REQUIREMENTS, ETC., WHERE QUANTITY AND/OR QUALITY DIFFER FROM THE DRAWING SUBSET. THE HIGHER QUANTITY AND QUALITY OF EACH SHALL PREVAIL.  
7. REPORT TO THE ENGINEER ANY OBSERVATIONS OF CONDITIONS DISCOVERED THAT WOULD PREVENT THE INSTALLATION OF THE SYSTEM AS DESIGNED.  
8. PROVIDE NECESSARY EQUIPMENT AND ACCESSORIES FOR FULLY FUNCTIONAL SYSTEMS MEETING THE DESIGN INTENT AND OWNER REQUIREMENTS, WHETHER EXPRESSLY SPECIFIED OR NOT.  
9. PROVIDE MATERIALS AND EQUIPMENT LISTED BY A NATIONALLY RECOGNIZED TESTING LAB, SUCH AS UNDERWRITERS LABORATORIES, FOR PURPOSES USED AND BEARING THEIR LABEL.  
10. AT THE END OF THE PROJECT, REMOVE ABANDONED CABLEING, LEFTOVER CONDUIT, WIRE, SCRAPS, ETC. LEAVE PREMISES CLEAN AND FREE OF TRASH AND DEBRIS RESULTING FROM THE WORK. PROPERLY RECYCLE MATERIAL ACCORDING TO CODE AND PROJECT REQUIREMENTS.  
11. WHERE IDENTIFIED ON THESE DRAWINGS, MOUNTING HEIGHTS ARE REFERENCED FROM THE FINISHED FLOOR TO THE CENTERLINE OF THE DEVICE OR OUTLET.

**ELECTRICAL:**  
12. REFER TO DIVISION 26 DRAWINGS AND SPECIFICATIONS FOR COORDINATION WITH ELECTRICAL REQUIREMENTS.

**PATHWAYS:**  
13. REFER TO SHEET T-002 FOR PATHWAY REQUIREMENTS (CONDUIT, BOXES, CABLE TRAY, CABLE HANGERS, SURFACE RACEWAY, ETC.).

**CABLING AND DEVICES:**  
14. WHEN PULLING CABLES INTO CONDUITS AND/OR SLEEVES, FULLY UTILIZE A GIVEN CONDUIT AND/OR SLEEVE BEFORE MOVING TO THE NEXT. THIS WILL INCREASE UTILIZATION EFFICIENCY AND FUTURE FLEXIBILITY OF SPARE CONDUITS/SLEEVES. ADHERE TO FILL REQUIREMENTS INSTANCE.

15. ROUTE PATHWAYS PERPENDICULAR OR PARALLEL TO BUILDING LINES (NOT REQUIRED FOR CABLE HANGERS ABOVE ACCESSIBLE CEILINGS).

16. ATTACH CABLING ONLY TO STRUCTURES PROVIDED FOR CABLE SUPPORT. DO NOT TIE CABLES TO CABLE TRAYS.

17. ROUTE CABLES AT LEAST 6-INCHES FROM ADJACENT POWER SOURCES AND LIGHTING FIXTURES, AND AT LEAST 4 FEET FROM TRANSFORMERS AND MOTORS.

18. LABEL EACH CABLE AT BOTH ENDS ACCORDING TO THESE DRAWINGS AND/OR SPECIFICATIONS.

**TELECOMMUNICATIONS ROOMS:**

19. DRESS EXPOSED CABLE GROUPS USING METHODS AND PRODUCTS DESCRIBED IN DIVISION 27 SPECIFICATIONS.

20. DO NOT INSTALL COMPONENTS (I.E. PIPING, DUCTWORK, PNEUMATIC TUBING, ETC.) WITHIN OR PASSING THROUGH TELECOMMUNICATIONS ROOMS NOT RELATED TO THE SUPPORT OF THE ROOMS' FUNCTIONS.

21. LOCATE PIPES AND OTHER TUBING COMPONENTS CONTAINING LIQUID OUTSIDE OF TELECOMMUNICATIONS ROOMS.

**SECURITY:**

22. REFER TO DIVISION 08 SPECIFICATIONS FOR DOOR HARDWARE REQUIREMENTS.

23. LABEL SECURITY CABLES ACCORDING TO SPECIFICATIONS. PROVIDE LABELS AT BOTH ENDS. VERIFY FORMAT AND INFORMATION FIELDS WITH AND RECEIVE APPROVAL FROM THE OWNER PRIOR TO LABELING.

24. LABEL SECURITY CONDUITS AT EACH END IDENTIFYING THEIR DESTINATION AND USE AS "SECURITY". REFER TO T-002 AND TO ELECTRICAL SPECIFICATIONS AND DRAWINGS FOR ADDITIONAL INFORMATION.

25. FAIL SECURE DOORS REMAIN LOCKED WHEN POWER OR THE BUILDING FIRE ALARM SYSTEM IS ACTIVATED. FAIL SECURE HARDWARE CONTROLS ENTRY ONLY AND WILL NOT BE UTILIZED IN HORIZONTAL EXITS OR IN THE PATH OF EGGS.

26. PROVIDE EGGS HARDWARE THAT IS OPERABLE AT ALL TIMES AND THAT DOES NOT PROHIBIT EGGS.

## GENERAL SYMBOLS

**SHEET NO.** T-001  
**SHEET TITLE** TECHNOLOGY INFORMATION AND SHEET INDEX

08.07.2020 50% SD/00

08.31.2020 75% CD

09.11.2020 100% CD

12.03.2020 100% CD OSHPD BC 2

01.12.2021 100% CD OSHPD BC 2

02.17.2021 100% CD OSHPD BC 3

02.20.2021 ACD #3

08.18.2020 100% SD/00

08.31.2020 75% CD

09.11.2020 100% CD

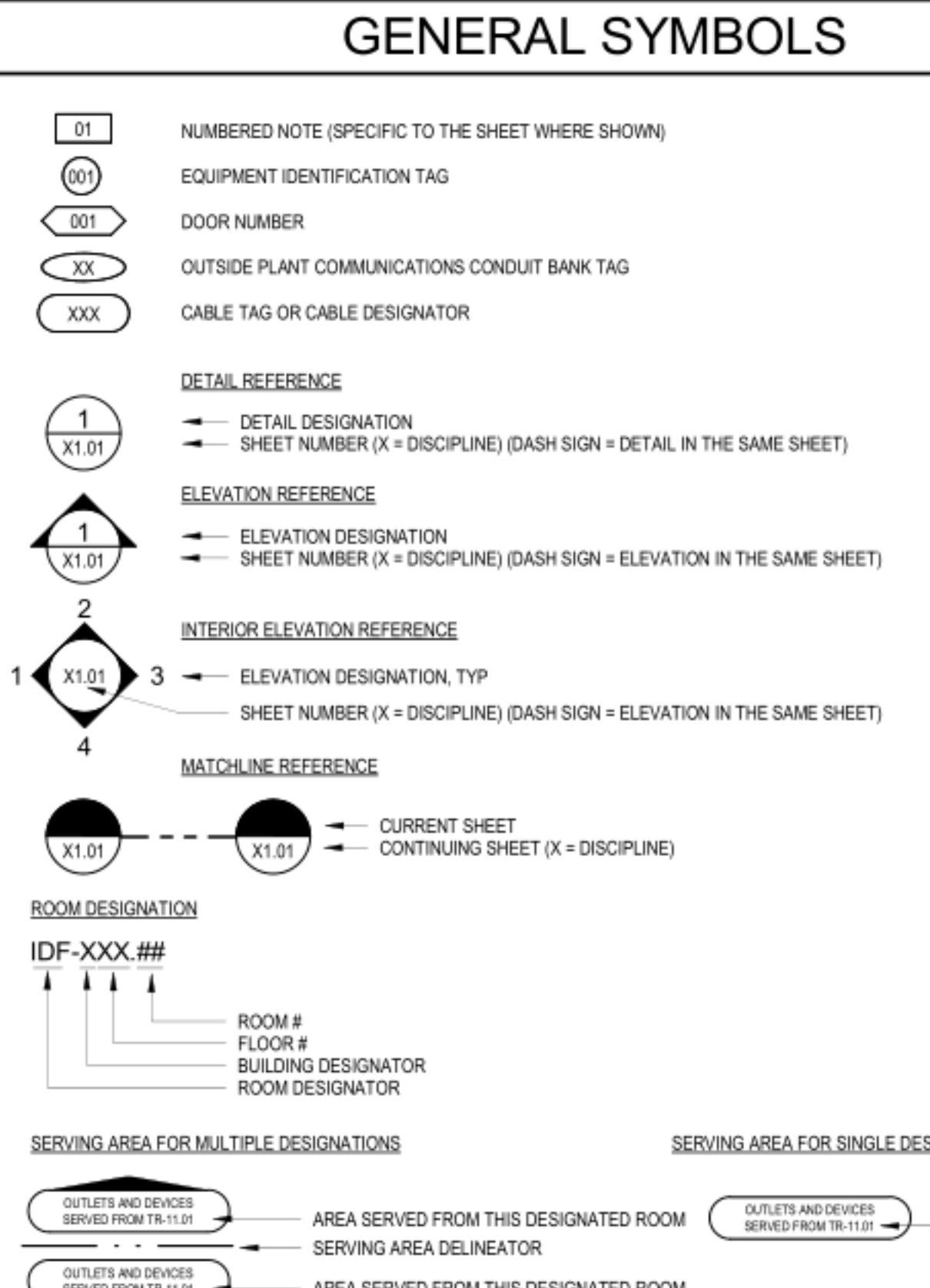
12.03.2020 100% CD OSHPD BC 2

01.12.2021 100% CD OSHPD BC 2

02.17.2021 100% CD OSHPD BC 3

02.20.2021 ACD #3

## GENERAL SYMBOLS



RATCLIFF

5856 Doyle Street  
Emeryville, CA 94608  
Tel 510 899 6400  
[www.ratcliffarch.com](http://www.ratcliffarch.com)

**DELETED SHEET**

<b>Phone:</b> 530-652-4169   <b>Fax:</b> 530-641-1258	<b>Headquarters:</b> 412 Main Street Wheatland, CA 95692	<b>Sacramento Area:</b> 1995 Highway 65 Wheatland, CA 95692	<b>Bay Area:</b> 835 Arnold Drive Suite #104/Bay 1 Martinez, CA 94553	<b>Nevada:</b> 8521 White Unit C1-A Reno, NV
---	--	---	--	---

The logo for Walker Telecomm, Inc. consists of the word "WALKER" in a large, bold, black, sans-serif font. To the right of "WALKER" is a thick, red, stylized graphic element that resembles a flame or a dynamic, flowing shape. Above this red shape, the words "TELECOMM, INC." are written in a smaller, black, sans-serif font.

S201781-43-00-ACD0004

---

MONTA CLARA VALLEY  
HEALTH AND  
HOSPITAL SYSTEM

751 S. BASCOM  
AVENUE,  
SAN JOSE, CA 95128

**BLDG M 4TH - GI &  
BRONCH INTERIM  
RELOCATION**

HEET TITLE:  
NOT USED

CALE:  
PROJECT NUMBER: 36018.80

T-010

RATCLIFF

5856 Doyle Street  
Emeryville, CA 94608  
Tel 510 899 6400  
[www.ratcliffarch.com](http://www.ratcliffarch.com)

**DELETED SHEET**

<b>Phone:</b> 530-652-4169   <b>Fax:</b> 530-641-1258	<b>Headquarters:</b> 412 Main Street Wheatland, CA 95692	<b>Sacramento Area:</b> 1995 Highway 65 Wheatland, CA 95692	<b>Bay Area:</b> 835 Arnold Drive Suite #104/Bay 1 Martinez, CA 94553	<b>Nevada:</b> 8521 White Unit C1-A Reno, NV
---	--	---	--	---

The logo for Walker Telecomm, Inc. consists of the word "WALKER" in a large, bold, black, sans-serif font. To the right of "WALKER" is a red, abstract, flowing graphic element that resembles a stylized 'W' or a flame. Above this graphic, the words "TELECOMM, INC." are written in a smaller, black, sans-serif font.

S201781-43-00-ACD0004

---

MONTA CLARA VALLEY  
HEALTH AND  
HOSPITAL SYSTEM

751 S. BASCOM  
AVENUE,  
SAN JOSE, CA 95128

**BLDG M 4TH - GI &  
BRONCH INTERIM  
RELOCATION**

HEET TITLE:  
NOT USED

SCALE:  
PROJECT NUMBER: 36018.80

T-011

RATCLIFF

5856 Doyle Street  
Emeryville, CA 94608  
Tel 510 899 6400  
[www.ratcliffarch.com](http://www.ratcliffarch.com)

**DELETED SHEET**

<b>Phone:</b> 530-652-4169   <b>Fax:</b> 530-641-1258	<b>Headquarters:</b> 412 Main Street Wheatland, CA 95692	<b>Sacramento Area:</b> 1995 Highway 65 Wheatland, CA 95692	<b>Bay Area:</b> 835 Arnold Drive Suite #104/Bay 1 Martinez, CA 94553	<b>Nevada:</b> 8521 White Unit C1-A Reno, NV
---	--	---	--	---

The logo for Walker Telecomm, Inc. consists of the word "WALKER" in large, bold, black, sans-serif letters. To the right of "WALKER" is a red, abstract, flowing graphic element that resembles both a stylized 'W' and a flame. Above this graphic, the words "TELECOMM, INC." are written in smaller, black, all-caps, sans-serif font.

S201781-43-00-ACD0004

---

MONTA CLARA VALLEY  
HEALTH AND  
HOSPITAL SYSTEM

751 S. BASCOM  
AVENUE.

SAN JOSE, CA 95128  
**BLDG M 4TH - GI &  
BRONCH INTERIM  
RELOCATION**

**HEET TITLE:**

NOT USED

CALE:  
PROJECT NUMBER: 36018.80

T-012

RATCLIFF

5856 Doyle Street  
Emeryville, CA 94608  
Tel 510 899 6400  
[www.ratcliffarch.com](http://www.ratcliffarch.com)

**DELETED SHEET**

The logo for Walker Telecomm, Inc. consists of the word "WALKER" in a large, bold, black, sans-serif font. To the right of "WALKER" is a thick, red, stylized graphic element that resembles a flame or a dynamic, flowing shape. Above this red shape, the words "TELECOMM, INC." are written in a smaller, black, sans-serif font.

201781-43-00-ACD0004  
TA CLARA VALLEY  
TH AND  
ITAL SYSTEM

51 S. BASCOM  
VENUE,  
SAN JOSE, CA 95128

**BLDG M 4TH - GI &  
BRONCH INTERIM  
RELOCATION**

**STREET TITLE:**

PROJECT NUMBER: 36018.80

T-013

RATCLIFF

5856 Doyle Street  
Emeryville, CA 94608  
Tel 510 899 6400  
[www.ratcliffarch.com](http://www.ratcliffarch.com)

Phone: 530-652-4169 | Fax: 530-641-1258

Nevada:  
8521 White Fir Street  
Unit C1-A  
Reno, NV 89523

Bay Area:  
835 Arnold Drive  
Suite #104/Bay 1  
Martinez, CA 94553

Sacramento Area:  
1995 Highway 65  
Wheatland, CA 95692

Headquarters:  
412 Main Street

**WALKER**  
TELECOMM, INC.

D  
E  
E  
E  
D  
E  
S  
H  
T  
E  
E  
A

S201781-43-00-ACD0004  
SANTA CLARA VALLEY  
HEALTH AND  
HOSPITAL SYSTEM

751 S. BASCOM  
AVENUE,  
SAN JOSE, CA 95128

**BLDG M 4TH - GI &  
BRONCH INTERIM  
RELOCATION**

SHEET TITLE:  
NOT USED

SCALE:  
PROJECT NUMBER: 36018.80

SHEET NUMBER:

T-014

D

C

B

A

1

2

3

4

5

RATCLIFF

5856 Doyle Street  
Emeryville, CA 94608  
Tel 510 899 6400  
www.ratcliffarch.com

Phone: 530-652-4169 | Fax: 530-641-1258

Nevada:  
8521 White Fir Street  
Unit C1-A  
Reno, NV 89523

Sacramento Area:  
1995 Highway 65  
Wheatland, CA 95692

Bay Area:  
835 Arnold Drive  
Suite 1104/Bay 1  
Martinez, CA 94553

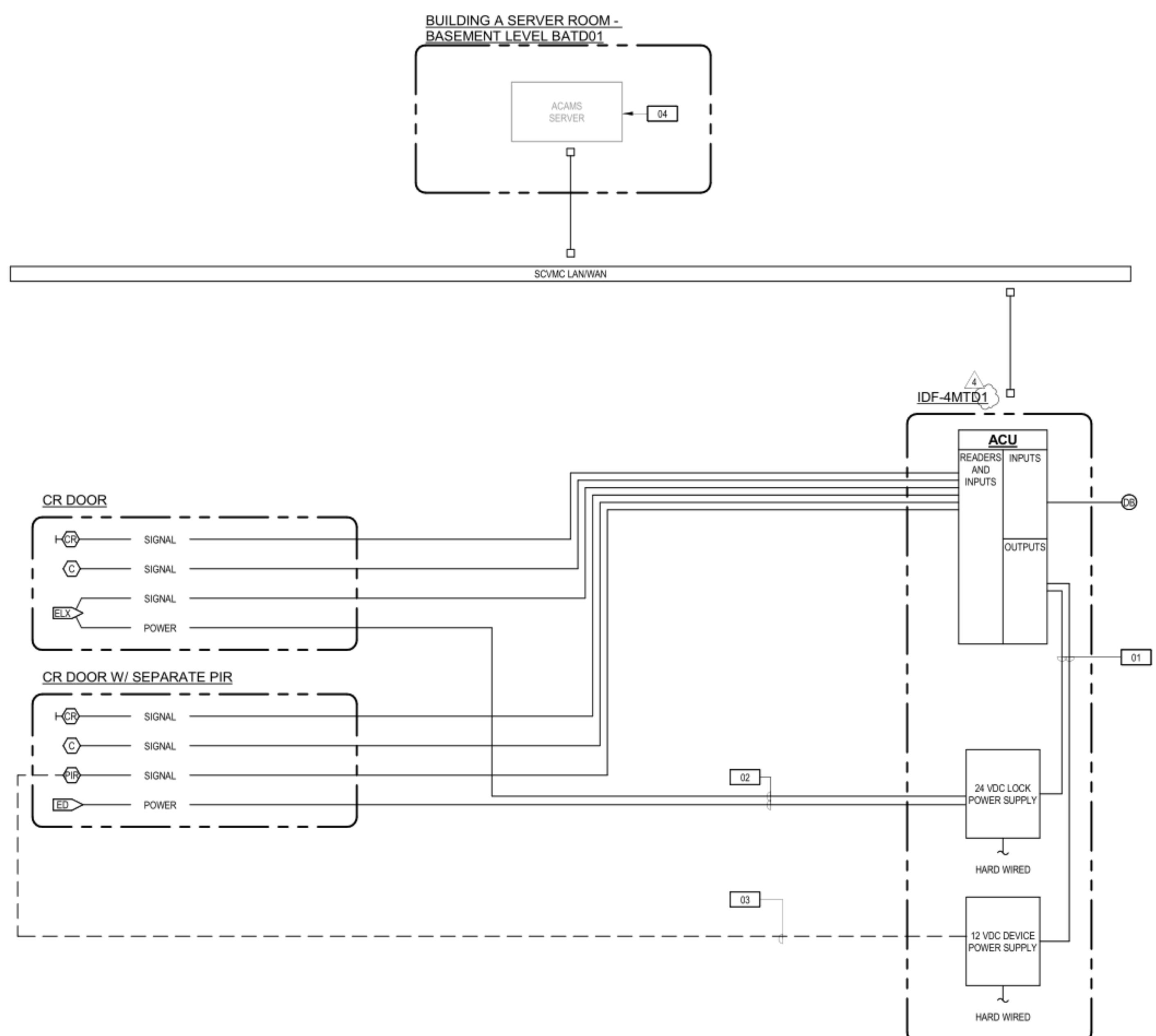
**WALKER**  
TELECOMM, INC.

## SHEET NOTES

1. THIS DRAWING REPRESENTS A DIAGRAMMATIC OVERVIEW OF THE ACAMS. THE DIAGRAM REPRESENTS THE INTERCONNECTION OF MAJOR COMPONENTS. PROVIDE ACU PANELS, I/O MODULES, POWER SUPPLIES, ISOLATION BOARDS/RELAYS, ETC. IN QUANTITIES REQUIRED TO SUPPORT FIELD DEVICES.
2. REFER TO SHEET T-001 FOR ABBREVIATIONS, GENERAL NOTES, AND SYMBOL DEFINITIONS.
3. REFER TO PLANS FOR FIELD DEVICE QUANTITIES AND LOCATIONS. REFER TO ENLARGED ROOM PLANS FOR EQUIPMENT LOCATIONS AND CONFIGURATIONS. REFER TO DETAILS FOR WIRING, MINOR COMPONENTS, ACCESSORIES, AND INSTALLATION REQUIREMENTS.
4. COORDINATE THE LAN REQUIREMENTS WITH THE OWNER AND THE OWNERS PROVIDED NETWORK EQUIPMENT. COORDINATE THE IP ADDRESS REQUIREMENTS (STATIC, DHCP RANGE, ETC.), NETWORK SETTINGS (UNICAST, MULTICAST, ETC.) AND OTHER NETWORK-RELATED REQUIREMENTS SPECIFIC TO THE SECURITY SYSTEMS.
5. POWER SUPPLIES LOCAL TO DOORS ARE SHOWN FOR REFERENCE.
6. PROVIDE AN INDIVIDUAL/DEDICATED POWER FEED TO EACH FIELD DEVICE. FOR EACH 24VDC DEVICE AND ELECTRIC LOCK, PROVIDE A DEDICATED AND INDIVIDUALLY FUSED, CURRENT-LIMITED, CLASS-2 POWER FEED.
7. IN EQUIPMENT ROOMS, CONNECT SECURITY EQUIPMENT TO THE EMERGENCY POWER. COORDINATE THE SECURITY SYSTEM POWER REQUIREMENTS WITH ELECTRICAL.

## NUMBERED NOTES

- [01] INTERCONNECT LOCK OUTPUTS FOR EACH CARD READER/DOOR WITH DRY CONTACT INPUT ON LOCK POWER SUPPLY. DO NOT SWITCH LOCK COIL LOAD THROUGH ACU RELAYS.
- [02] PROVIDE AN INDIVIDUAL 24VDC POWER FEED FOR EACH LOCK.
- [03] PROVIDE A POWER FEED TO EACH 12VDC FIELD DEVICE.
- [04] PROVIDE REQUIRED SOFTWARE TO SUPPORT DEVICES SHOWN IN DRAWINGS.



S201781-43-00-ACD0004  
**SANTA CLARA VALLEY  
HEALTH AND  
HOSPITAL SYSTEM**

751 S. BASCOM  
AVENUE,  
SAN JOSE, CA 95128  
**BLDG M 4TH - GI &  
BRONCH INTERIM  
RELOCATION**

SHEET TITLE:  
**DIAGRAM - ACAMS**

SCALE: NONE  
PROJECT NUMBER: 36018.80

SHEET NUMBER:

T-020

D

C

B

A

RATCLIFF

5856 Doyle Street  
Emeryville, CA 94608  
Tel 510 899 6400  
www.ratcliffarch.com

Phone: 530-652-4169 | Fax: 530-641-1258

**WALKER**  
TELECOMM, INC.

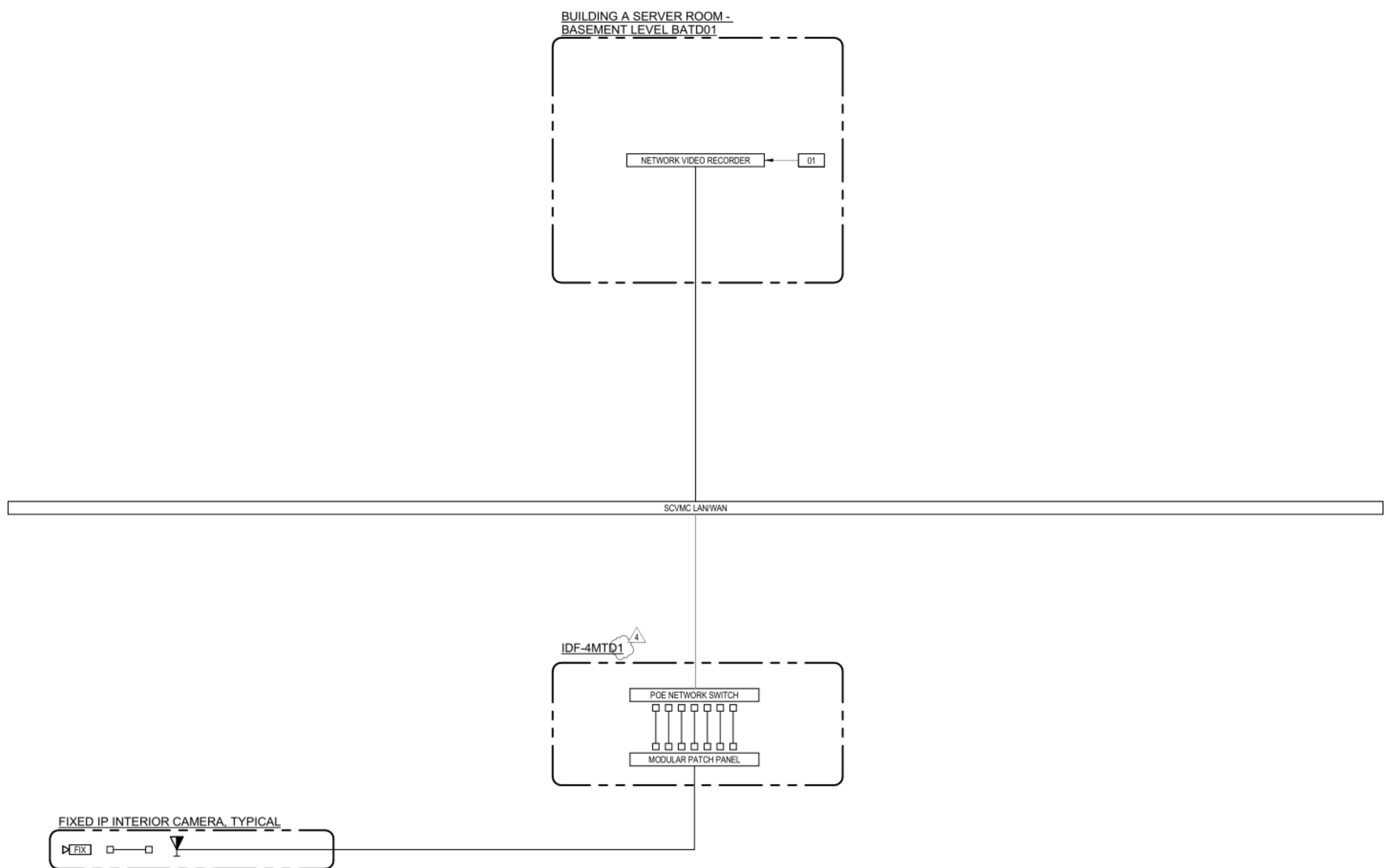
T-021

SHEET NOTES

1. THIS DRAWING REPRESENTS A DIAGRAMMATIC OVERVIEW OF THE VSS. THE DIAGRAM REPRESENTS THE INTERCONNECTION OF MAJOR COMPONENTS.
2. REFER TO SHEET T-001 FOR ABBREVIATIONS, GENERAL NOTES, AND SYMBOL DEFINITIONS.
3. REFER TO PLANS FOR DEVICE QUANTITIES AND LOCATIONS. REFER TO ENLARGED ROOM PLANS FOR EQUIPMENT LOCATIONS AND CONFIGURATIONS. REFER TO DETAILS FOR WIRING, MINOR COMPONENTS, ACCESSORIES, AND INSTALLATION REQUIREMENTS.
4. COORDINATE THE LOCATION REQUIREMENTS WITH THE OWNER AND THE OWNERS PROVIDED NETWORK EQUIPMENT. COORDINATE THE IP ADDRESS REQUIREMENTS (STATIC, DHCP RANGE, ETC.), NETWORK SETTINGS (UNICAST, MULTICAST, ETC.), AND OTHER NETWORK-RELATED REQUIREMENTS SPECIFIC TO THE SECURITY SYSTEMS.
5. IN EQUIPMENT ROOMS, CONNECT SECURITY EQUIPMENT TO THE EMERGENCY POWER BRANCH. COORDINATE THE SECURITY SYSTEM POWER REQUIREMENTS WITH ELECTRICAL.

NUMBERED NOTES

- 01 PROVIDE VIDEO RECORDER SERVER. PROVIDE REQUIRED SOFTWARE TO SUPPORT DEVICES SHOWN IN DRAWINGS.



S201781-43-00-ACD0004  
SANTA CLARA VALLEY  
HEALTH AND  
HOSPITAL SYSTEM

751 S. BASCOM  
AVENUE,  
SAN JOSE, CA 95128  
BLDG M 4TH - GI &  
BRONCH INTERIM  
RELOCATION

SHEET TITLE:  
DIAGRAM - VSS

SCALE: NONE  
PROJECT NUMBER: 36018.80

SHEET NUMBER:

D

C

B

A

Phone: 530-652-4169 | Fax: 530-641-1258

Nevada:  
8521 White Fir Street  
Unit C1-A  
Reno, NV 89523

Walker  
TELECOMM, INC.

## SHEET NOTES

1. THIS DRAWING REPRESENTS A DIAGRAMMATIC OVERVIEW OF THE NURSE CALL SYSTEM REQUIREMENTS BY ROOM AND SYSTEM INTEGRATION.
2. REFER TO SHEET T-001 FOR ABBREVIATIONS, GENERAL NOTES, AND SYMBOLS DEFINITIONS.
3. REFER TO SHEET T-002 FOR PATHWAYS SYMBOLS LEGEND AND DEFINITIONS.
4. REFER TO DEVICE SCHEDULE AND ROUGH-IN SCHEDULE FOR DEVICE CONFIGURATIONS.
5. REFER TO PLANS FOR DEVICE LOCATIONS.
6. REFER TO ENLARGED ROOM PLANS FOR LOCATIONS OF HEADEND EQUIPMENT.

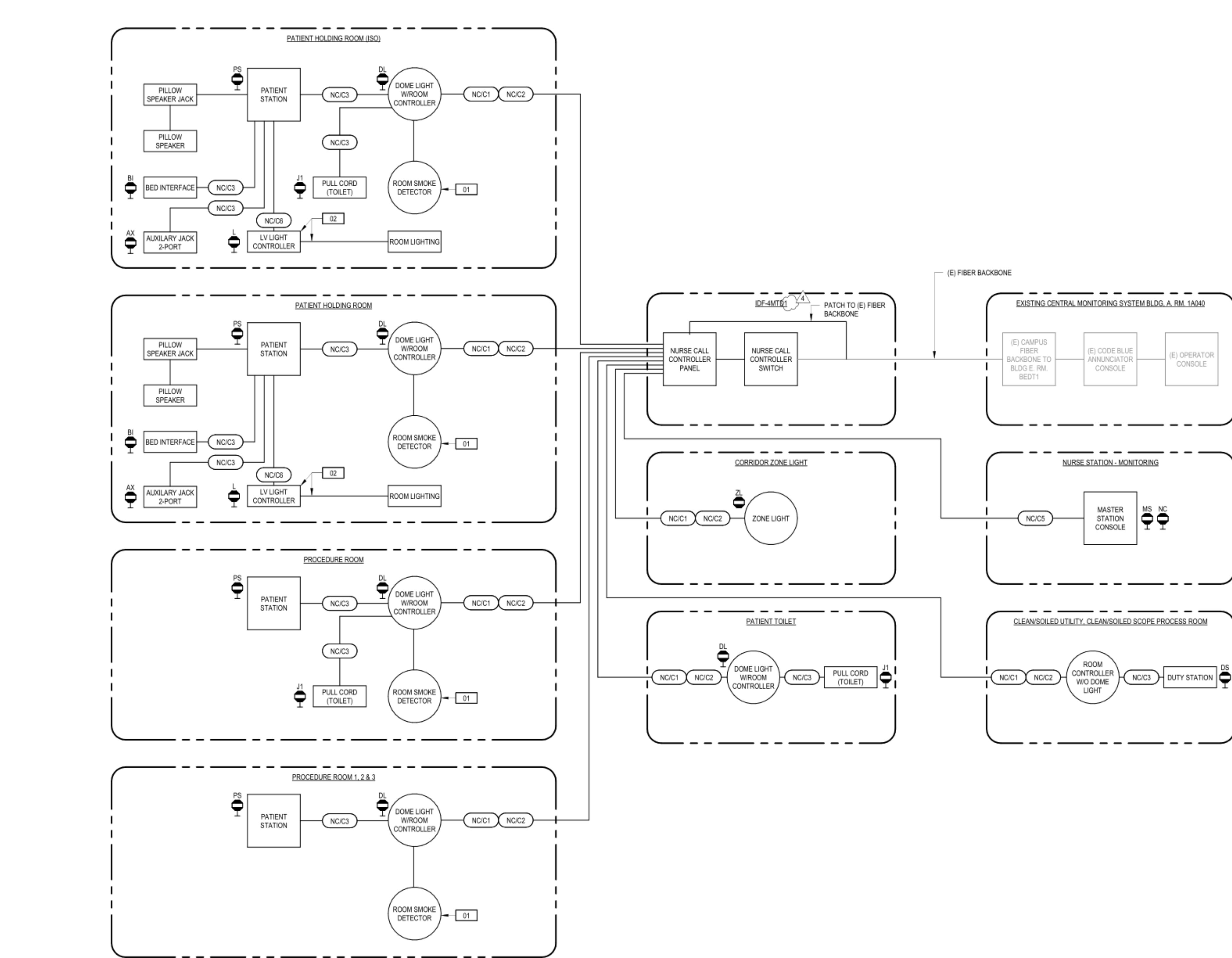
## NUMBERED NOTES

- [01] REFER TO 3-T-030, COORDINATE CONNECTION TO SMOKE DETECTOR WITH FIRE ALARM CONTRACTOR.
- [02] COORDINATE CONNECTION OF LOW VOLTAGE LIGHTING CONTROLLER WITH ELECTRICAL CONTRACTOR. LOCATION OF CONTROLLER BY ELECTRICAL CONTRACTOR.

## CABLE LEGEND

TAG	DESCRIPTION
NC/C1	L-NET (275223 "SIGNAL CABLE")
NC/C2	POWER (275223 "POWER CABLE")
NC/C3	M-NET, WITH AUDIO (275223 "SIGNAL CABLE")
NC/C4	M-NET, WITHOUT AUDIO (275223 "SIGNAL CABLE")
NC/C5	ETHERNET CABLE (275223 "CATEGORY CABLE")
NC/C6	22 AWG STRANDED 3-CONDUCTOR SHIELDED CABLE (275223 "CONTROL CABLE")
NC/C7	22 AWG STRANDED 2-CONDUCTOR SHIELDED CABLE (275223 "CONTROL CABLE")
CATX	CATEGORY 4-PAIR CABLE (271513 "CATEGORY CABLE")

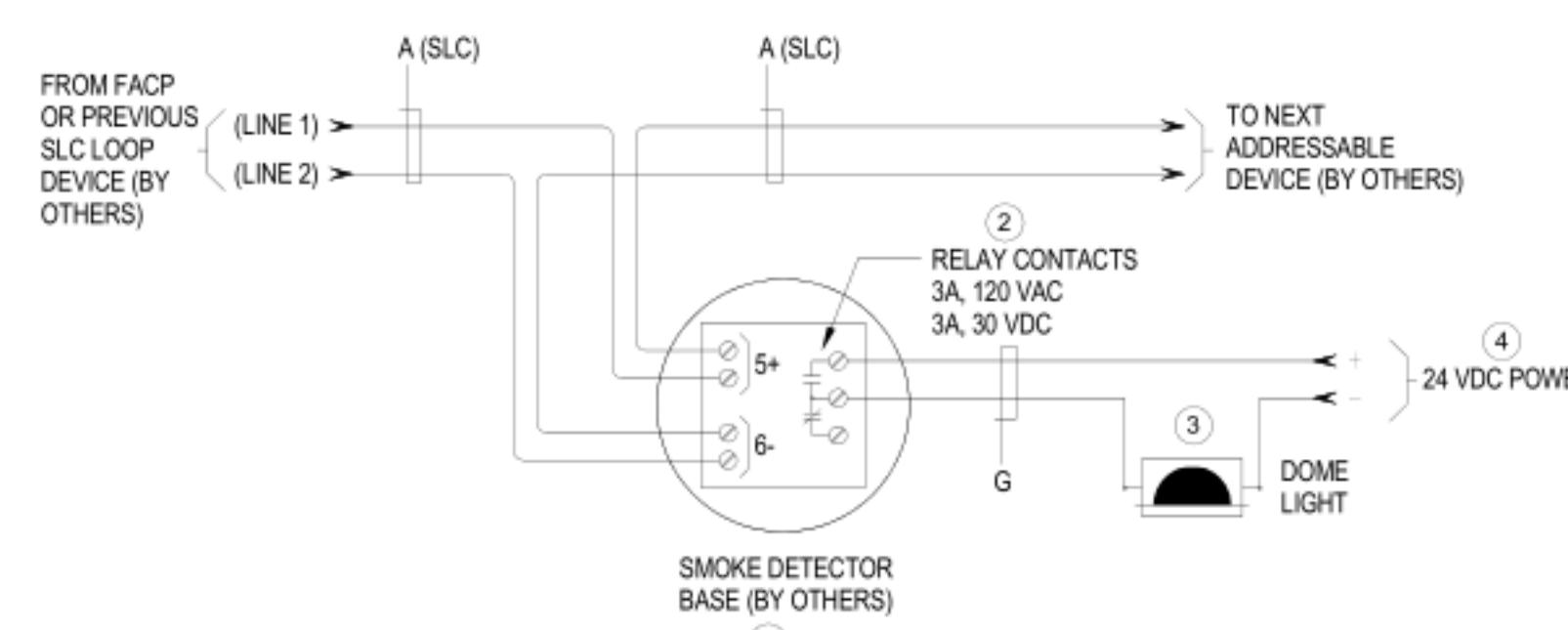
\*AS NEEDED



## 1 NURSE CALL DIAGRAM

SCALE: NONE

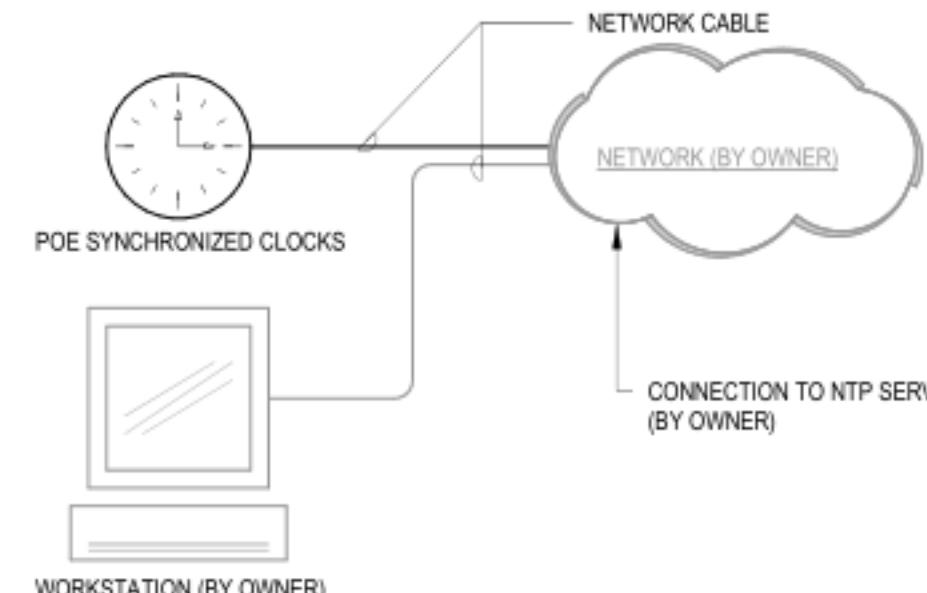
- DETAIL NOTES:
- 1 SMOKE DETECTOR RELAY BASE. PROVIDES RELAY OUTPUT FROM THE FIRE DETECTOR BASE FOR SWITCHING/SIGNALING OTHER DEVICES.
  - 2 SMOKE DETECTOR RELAY BASE PROVIDES A FORM C CHANGE OVER CONTACT RATED AT 3A, 30 VDC OR 3A, 120 VAC. CONTACTS AS SHOWN REPRESENT THE RELAY IN THE NORMAL MODE (DE-ENERGISED) (FURNISHED, INSTALLED, AND WIRED BY OTHERS).
  - 3 NURSE CALL DOME LIGHT.
  - 4 24 VDC OPERATIONAL POWER FOR THE DOME LIGHT.



SMOKE DETECTOR RELAY BASE  
for NURSE CALL SYSTEM DOME LIGHT

## 3 WIRING DETAILS - SMOKE DETECTOR &amp; NURSE CALL DOME LIGHT

SCALE: NONE

2 POE SYNCHRONIZED CLOCK  
SYSTEM BLOCK DIAGRAM

SCALE: NONE

S201781-43-00-ACD0004  
SANTA CLARA VALLEY  
HEALTH AND  
HOSPITAL SYSTEM

751 S. BASCOM  
AVENUE,  
SAN JOSE, CA 95128  
**BLDG M 4TH - GI &  
BRONCH INTERIM  
RELOCATION**

SHEET TITLE:  
**DIAGRAM - NURSE  
CALL**

SCALE: As indicated  
PROJECT NUMBER: 36018.80

SHEET NUMBER:

T-030

D

C

B

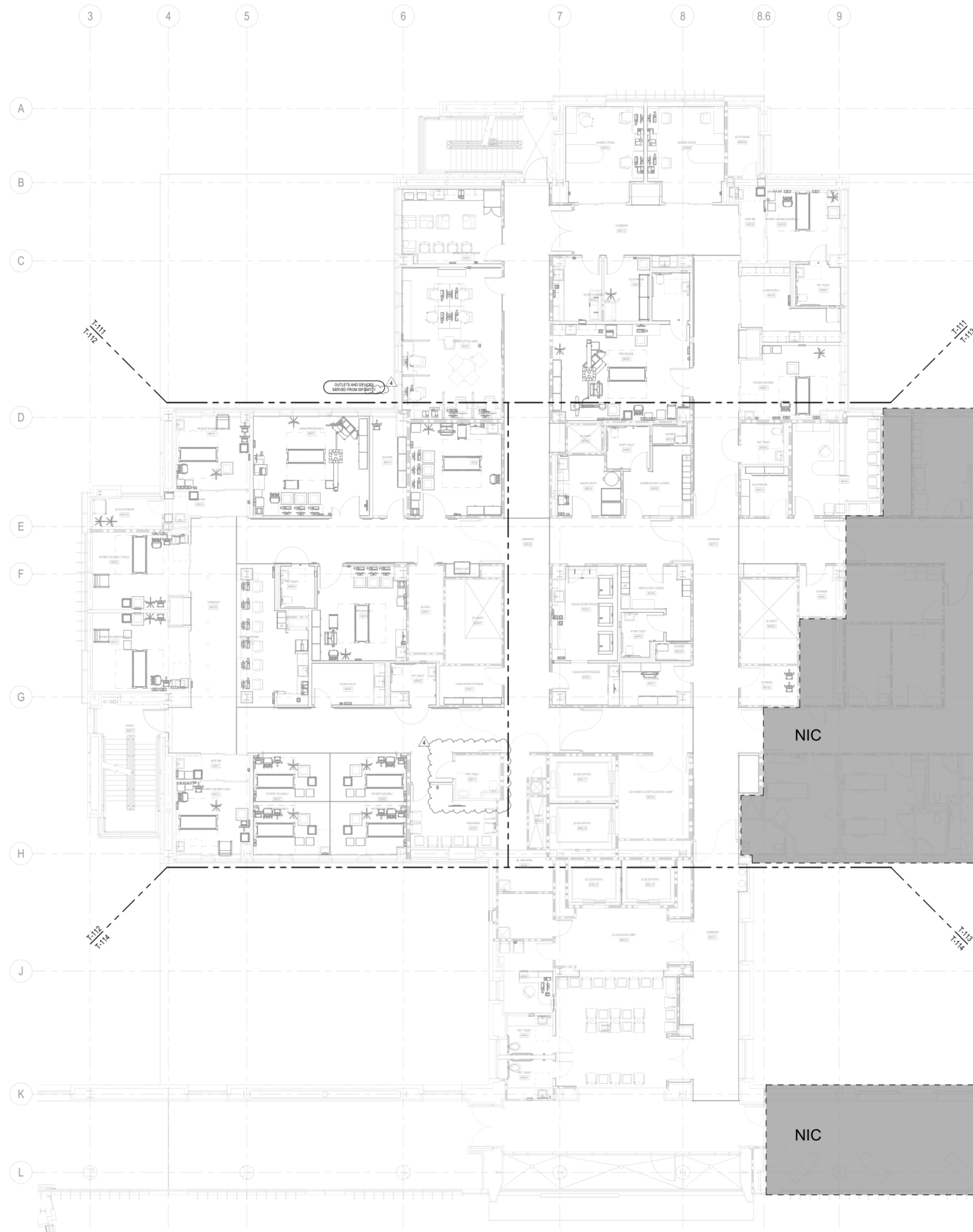
A

RATCLIFF

5856 Doyle Street  
Emeryville, CA 94608  
Tel 510 899 6400  
[www.ratcliffarch.com](http://www.ratcliffarch.com)

SHEET NOTES

1. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS OF OUTLETS, DEVICES AND EQUIPMENT. ALSO REFER TO ELECTRICAL PLANS TO COORDINATE FINAL LOCATIONS OF OUTLETS, DEVICES AND EQUIPMENT.
2. SERVE LOW VOLTAGE DEVICES/OUTLETS ON THIS SHEET AS NOTED ON OVERALL PLANS.
3. REFER TO SHEET T-002 FOR PATHWAY REQUIREMENTS.
4. PATHWAYS SHOWN ARE DEDICATED FOR TELECOMMUNICATIONS CABLING ONLY.
5. PROVIDE APPROVED FIRESTOP SYSTEMS AT PENETRATIONS THROUGH FIRE BARRIERS, SMOKE BARRIERS, AND SMOKE PARTITIONS TO MAINTAIN RATING. REFER TO SHEET T-002 FOR APPROVED FIRESTOP SYSTEMS.
6. REFER TO SHEET PT-T2.04 IN OSHPD NO. S170907-43-00 DRAWING PACKAGE FOR THE LOCATION OF THE (E)TEL CLOSET THAT SUPPORTS THE EXISTING CABLING.



Phone: 530-652-4169 | Fax: 530-641-1258

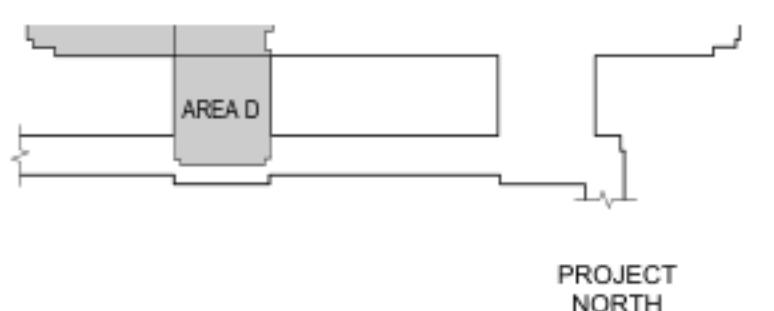
Nevada:  
8521 White Fir Street  
Unit C1-A  
Reno, NV 89523

Bay Area:  
835 Arnold Drive  
Suite 1104/Bay 1  
Martinez, CA 94553

Sacramento Area:  
1995 Highway 65  
Wheatland, CA 95692

Headquarters:  
412 Main Street  
Wheatland, CA 95692

**WALKER**  
TELECOMM, INC.



**SANTA CLARA VALLEY  
HEALTH AND  
HOSPITAL SYSTEM**

751 S. BASCOM  
AVENUE,  
SAN JOSE, CA 95128  
**BLDG M 4TH - GI &  
BRONCH INTERIM  
RELOCATION**

SHEET TITLE:  
**OVERALL FLOOR PLAN**

SCALE: 1/8" = 1'-0"  
PROJECT NUMBER: 36018.80

SHEET NUMBER:

T-110

Phone: 530-652-4169 | Fax: 530-641-1258

Nevada:  
8521 White Fir Street  
Unit C1-A  
Reno, NV 89523

Bay Area:  
835 Arnold Drive  
Suite 1104/Bay 1  
Martinez, CA 94553

Sacramento Area:  
1995 Highway 65  
Wheatland, CA 95692

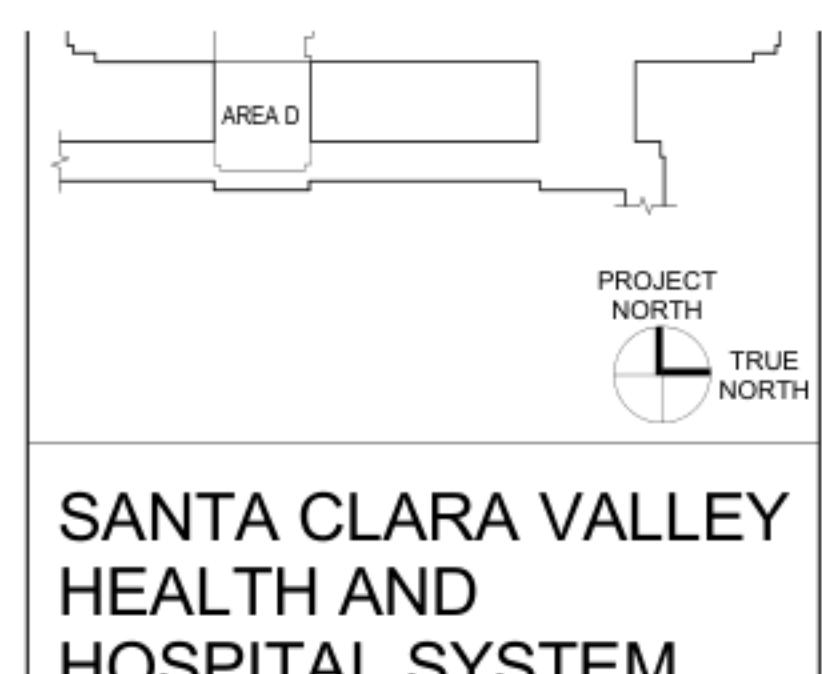
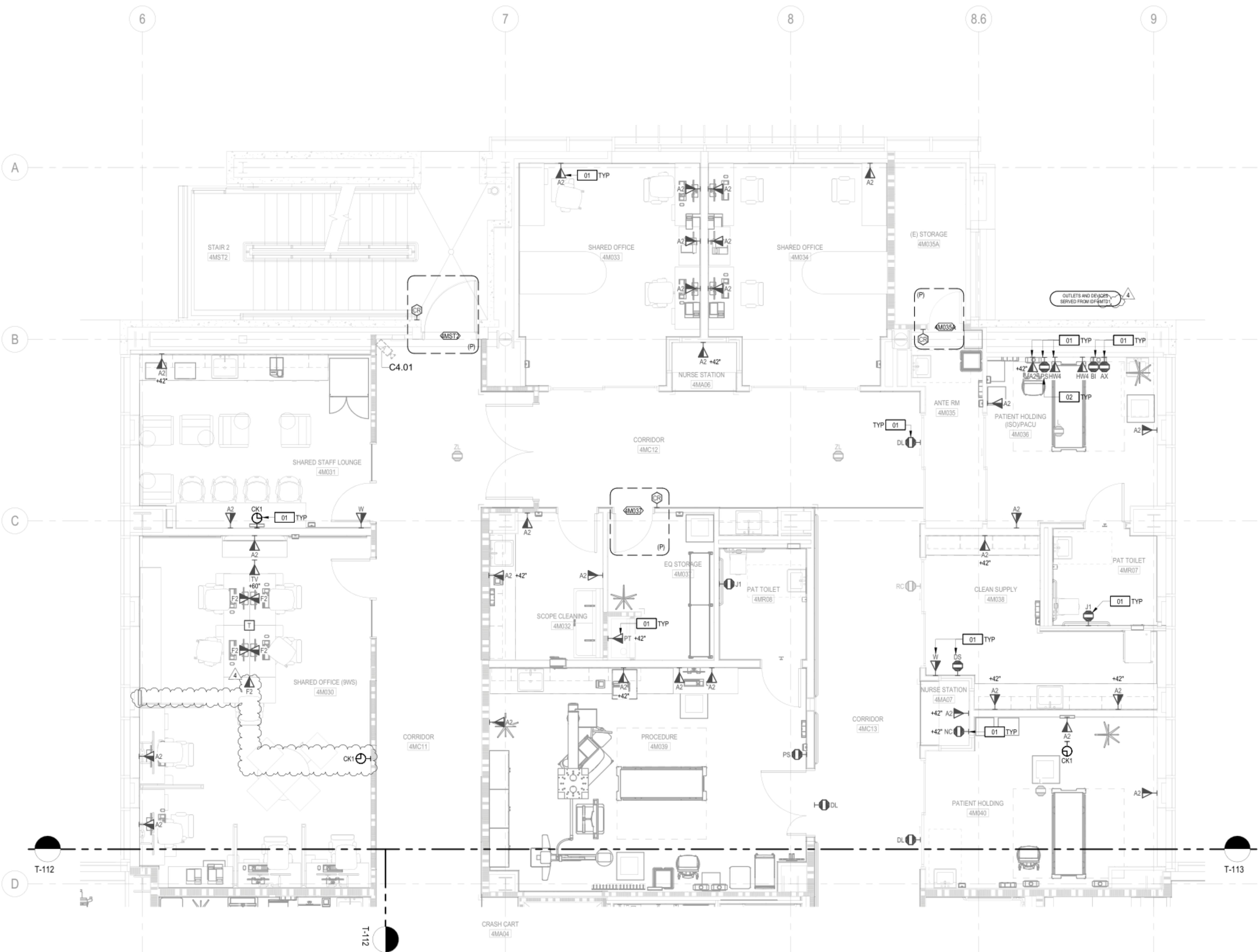
**WALKER**  
TELECOMM, INC.

## SHEET NOTES

1. REFER TO SHEET T-001 FOR ABBREVIATIONS, GENERAL NOTES, AND SYMBOL DEFINITIONS.
2. REFER TO SHEET T-002 FOR PRIMARY PATHWAY REQUIREMENTS AND DEFINITIONS.
3. REFER TO SHEET T-003 FOR OUTLETS/DEVICES SECONDARY PATHWAY AND CABLING REQUIREMENTS.
4. REFER TO SHEET T-004 FOR NURSE CALL SYSTEM STATION SCHEDULE AND PATHWAY REQUIREMENTS.
5. SERVE OUTLETS/DEVICES ON THIS SHEET FROM TELECOM ROOMS AS NOTED.
6. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS OF OUTLETS/DEVICES, WHERE SHOWN OUTLETS/DEVICES ON THIS SHEET ARE SHOWN DIAGRAMMATICALLY.
7. REFER TO SECURITY INSTALLATION DETAILS FOR SECONDARY PATHWAY REQUIREMENTS, SYSTEM INTERFACES, AND COMPONENT CONFIGURATIONS.
8. PATHWAYS SHOWN ARE DEDICATED FOR TECHNOLOGY CABLING.
9. INSTALL SECONDARY PATHWAYS ALONG THE MOST DIRECT ROUTES TO PRIMARY PATHWAYS OR SERVING ROOM.
10. INSTALL HORIZONTAL CABLES ALONG THE MOST DIRECT PRIMARY PATHWAY ROUTE TO THE SERVING TELECOM ROOM.
11. PROVIDE APPROVED FIRESTOP SYSTEMS AT PENETRATIONS THROUGH FIRE BARRIERS, SMOKE BARRIERS, AND SMOKE PARTITIONS TO MAINTAIN RATINGS.
12. REFER TO SHEET PT-T2.04 IN OSHPD No. S170907-43-02 DRAWING PACKAGE FOR THE LOCATION OF THE (E) TEL. CLOSET THAT SUPPORTS THE EXISTING CABLING.

## NUMBERED NOTES

- [01] PROVIDE AN ADDITIONAL 20' OF SERVICE LOOP COILED NEATLY ABOVE CEILING SUPPORTED ON J-HANGERS FOR ALL CABLES FOR FUTURE RELOCATIONS.  
[02] PROVIDE PILLOW SPEAKER IN PATIENT HOLDING ROOMS.



SANTA CLARA VALLEY  
HEALTH AND  
HOSPITAL SYSTEM

751 S. BASCOM  
AVENUE,  
SAN JOSE, CA 95128  
**BLDG M 4TH - GI &  
BRONCH INTERIM  
RELOCATION**

SHEET TITLE:  
**AREA A FLOOR PLAN**

SCALE: 1/4" = 1'-0"  
PROJECT NUMBER: 36018.80

SHEET NUMBER:

T-111

D

C

B

A

Phone: 530-652-4169 | Fax: 530-641-1258

Nevada:  
8521 White Fir Street  
Unit C1-A  
Reno, NV 89523

Bay Area:  
835 Arnold Drive  
Suite 1104/Bay 1  
Martinez, CA 94553

Sacramento Area:  
1995 Highway 65  
Wheatland, CA 95692

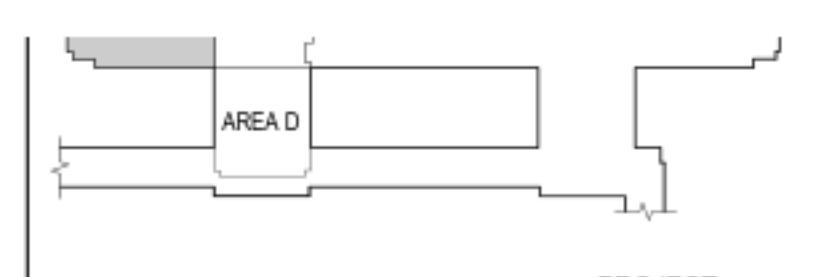
**WALKER**  
TELECOMM, INC.

## SHEET NOTES

1. REFER TO SHEET T-001 FOR ABBREVIATIONS, GENERAL NOTES, AND SYMBOL DEFINITIONS.
2. REFER TO SHEET T-002 FOR PRIMARY PATHWAY REQUIREMENTS AND DEFINITIONS.
3. REFER TO SHEET T-003 FOR OUTLETS/DEVICES SECONDARY PATHWAY AND CABLING REQUIREMENTS.
4. REFER TO SHEET T-004 FOR NURSE CALL SYSTEM STATION SCHEDULE AND PATHWAY REQUIREMENTS.
5. SERVE OUTLETS/DEVICES ON THIS SHEET FROM TELECOM ROOMS AS NOTED.
6. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS OF OUTLETS/DEVICES, WHERE SHOWN, OUTLETS/DEVICES ON THIS SHEET ARE SHOWN DIAGRAMMATICALLY.
7. REFER TO SECURITY INSTALLATION DETAILS FOR SECONDARY PATHWAY REQUIREMENTS, SYSTEM INTERFACES, AND COMPONENT CONFIGURATIONS.
8. PATHWAYS SHOWN ARE DEDICATED FOR TECHNOLOGY CABLING.
9. INSTALL SECONDARY PATHWAYS ALONG THE MOST DIRECT ROUTES TO PRIMARY PATHWAYS OR SERVING ROOM.
10. INSTALL HORIZONTAL CABLES ALONG THE MOST DIRECT PRIMARY PATHWAY ROUTE TO THE SERVING TELECOM ROOM.
11. PROVIDE APPROVED FIRESTOP SYSTEMS AT PENETRATIONS THROUGH FIRE BARRIERS, SMOKE BARRIERS, AND SMOKE PARTITIONS TO MAINTAIN RATINGS.
12. REFER TO SHEET PT-T2.04 IN OSHPD No.: S170907-43-00 DRAWING PACKAGE FOR THE LOCATION OF THE (E) TEL. CLOSET THAT SUPPORTS THE EXISTING CABLING.

## NUMBERED NOTES

- [01] PROVIDE AN ADDITIONAL 20' OF SERVICE LOOP COILED NEATLY ABOVE CEILING SUPPORTED ON J-HANGERS FOR ALL CABLES FOR FUTURE RELOCATIONS.  
 [02] PROVIDE PILLOW SPEAKER IN PATIENT HOLDING ROOMS.

SANTA CLARA VALLEY  
HEALTH AND  
HOSPITAL SYSTEM

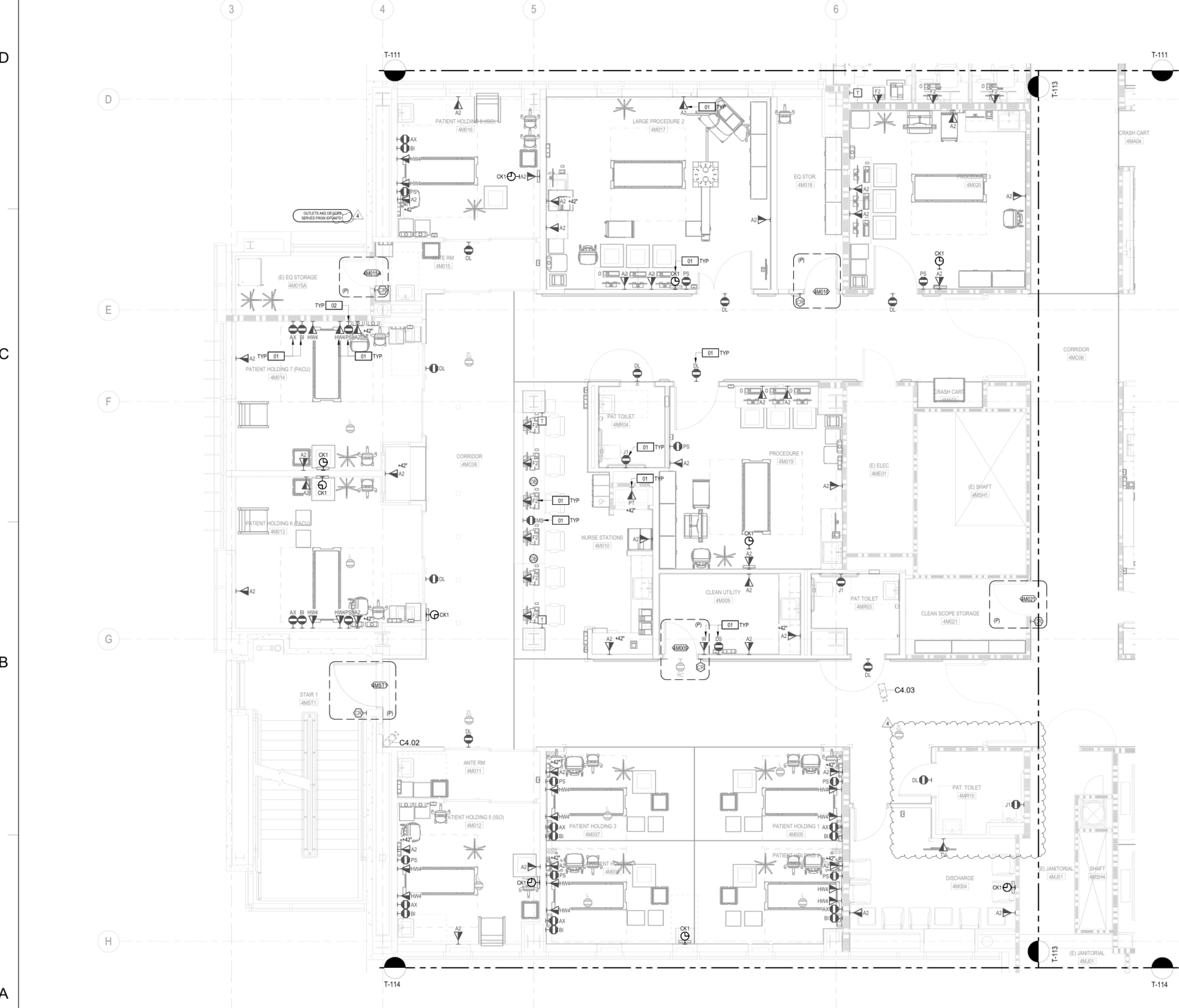
751 S. BASCOM  
AVENUE,  
SAN JOSE, CA 95128  
**BLDG M 4TH - GI &  
BRONCH INTERIM  
RELOCATION**

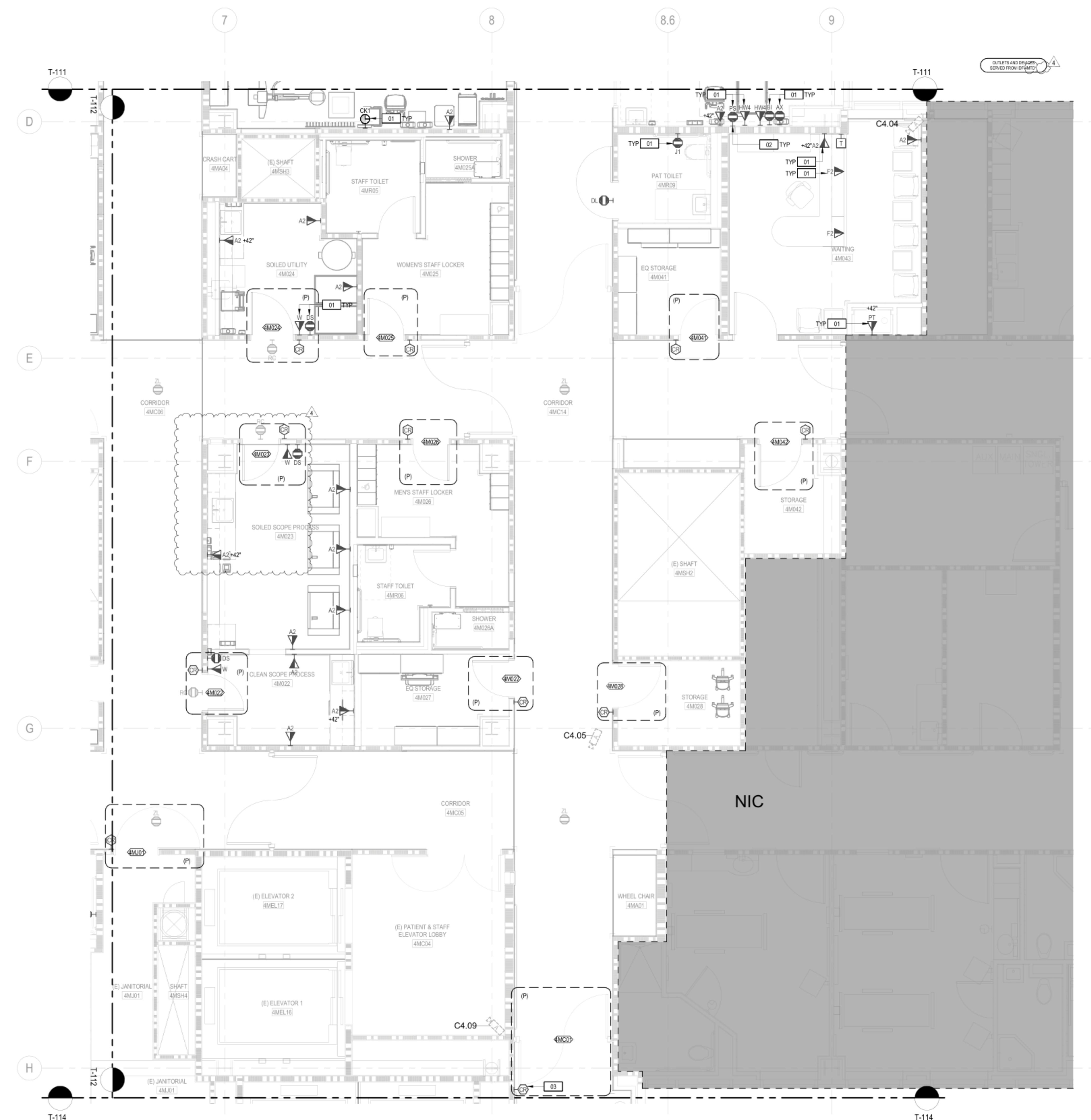
SHEET TITLE:  
**AREA B FLOOR PLAN**

SCALE: 1/4" = 1'-0"  
PROJECT NUMBER: 36018.80

SHEET NUMBER:

T-112





## SHEET NOTES

1. REFER TO SHEET T-001 FOR ABBREVIATIONS, GENERAL NOTES, AND SYMBOL DEFINITIONS.
2. REFER TO SHEET T-002 FOR PRIMARY PATHWAY REQUIREMENTS AND DEFINITIONS.
3. REFER TO SHEET T-003 FOR OUTLETS/DEVICES SECONDARY PATHWAY AND CABLING REQUIREMENTS.
4. REFER TO SHEET T-004 FOR NURSE CALL SYSTEM STATION SCHEDULE AND PATHWAY REQUIREMENTS.
5. SERVE OUTLETS/DEVICES ON THIS SHEET FROM TELECOM ROOMS AS NOTED.
6. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS OF OUTLETS/DEVICES, WHERE SHOWN OUTLETS/DEVICES ON THIS SHEET ARE SHOWN DIAGRAMMATICALLY.
7. REFER TO SECURITY INSTALLATION DETAILS FOR SECONDARY PATHWAY REQUIREMENTS, SYSTEM INTERFACES, AND COMPONENT CONFIGURATIONS.
8. PATHWAYS SHOWN ARE DEDICATED FOR TECHNOLOGY CABLING.
9. INSTALL SECONDARY PATHWAYS ALONG THE MOST DIRECT ROUTES TO PRIMARY PATHWAYS OR SERVING ROOM.
10. INSTALL HORIZONTAL CABLES ALONG THE MOST DIRECT PRIMARY PATHWAY ROUTE TO THE SERVING TELECOM ROOM.
11. PROVIDE APPROVED FIRESTOP SYSTEMS AT PENETRATIONS THROUGH FIRE BARRIERS, SMOKE BARRIERS, AND SMOKE PARTITIONS TO MAINTAIN RATINGS.
12. REFER TO SHEET PT-T2.04 IN OSHPD No.: S170907-43-02 DRAWING PACKAGE FOR THE LOCATION OF THE (E) TEL CLOSET THAT SUPPORTS THE EXISTING CABLING

## NUMBERED NOTES

- [01] PROVIDE AN ADDITIONAL 20' OF SERVICE LOOP COILED NEATLY ABOVE CEILING SUPPORTED ON J-HANGERS FOR ALL CABLES FOR FUTURE RELOCATIONS.
- [02] PROVIDE PILLOW SPEAKER IN PATIENT HOLDING ROOMS.
- [03] REPLACE EXISTING SECURITY DEVICES (CARD READER, DOOR CONTACTS, PIR) UTILIZE EXISTING PATHWAYS. PROVIDE NEW CABLING TO NEW SECURITY CONTROL PANELS IN IDF-4MTD3.

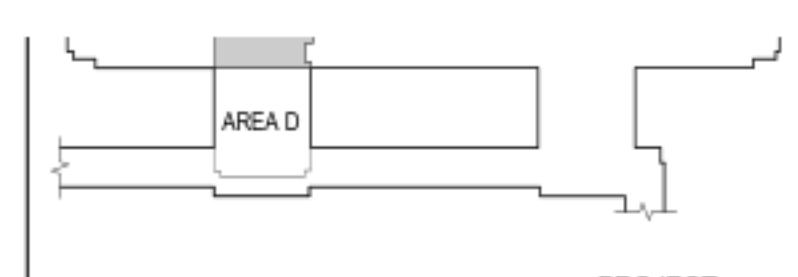
Phone: 530-652-4169 | Fax: 530-641-1258

Nevada:  
8521 White Fir Street  
Unit C1-A  
Reno, NV 85523

Bay Area:  
835 Arnold Drive  
Suite 1104/Bay 1  
Martinez, CA 94553

Sacramento Area:  
1995 Highway 65  
Wheatland, CA 95692

**WALKER**  
TELECOMM, INC.

SANTA CLARA VALLEY  
HEALTH AND  
HOSPITAL SYSTEM

751 S. BASCOM  
AVENUE,  
SAN JOSE, CA 95128  
**BLDG M 4TH - GI &  
BRONCH INTERIM  
RELOCATION**

SHEET TITLE:

AREA C FLOOR PLAN

SCALE: 1/4" = 1'-0"  
PROJECT NUMBER: 36018.80

SHEET NUMBER:

T-113

Phone: 530-652-4169 | Fax: 530-641-1258

Nevada:  
8521 White Fir Street  
Unit C1-A  
Reno, NV 89523

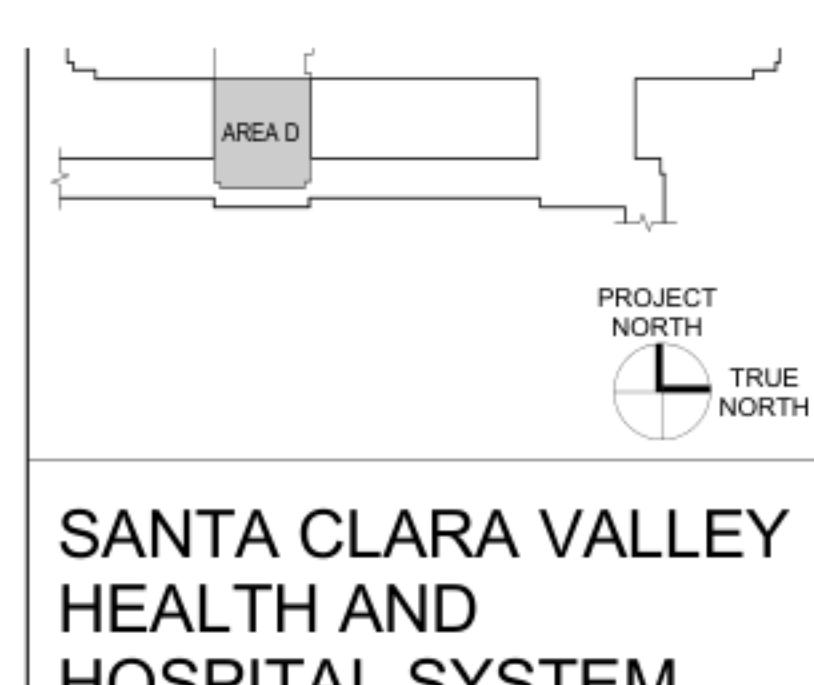
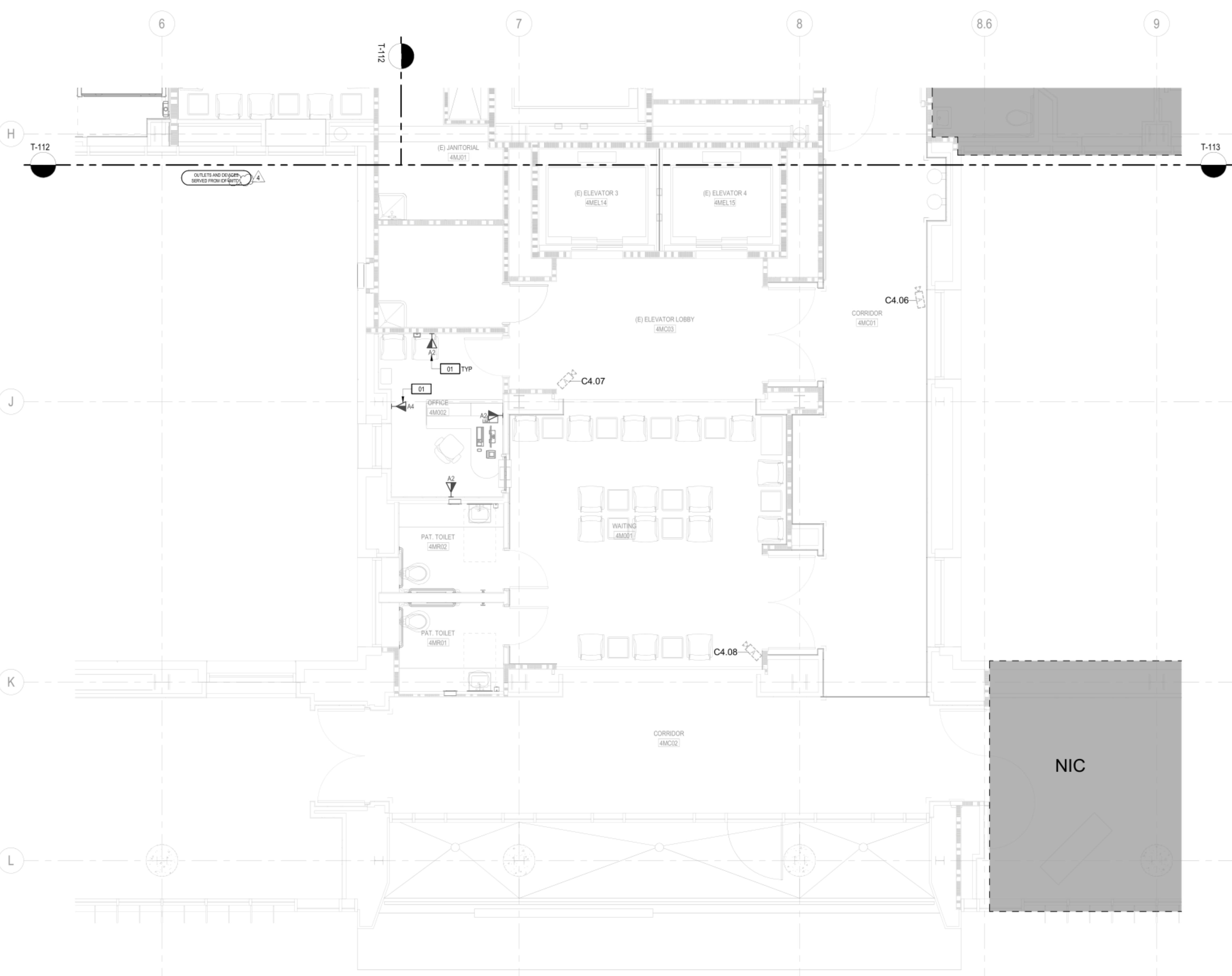
**WALKER**  
TELECOMM, INC.

## SHEET NOTES

1. REFER TO SHEET T-001 FOR ABBREVIATIONS, GENERAL NOTES, AND SYMBOL DEFINITIONS.
2. REFER TO SHEET T-002 FOR PRIMARY PATHWAY REQUIREMENTS AND DEFINITIONS.
3. REFER TO SHEET T-003 FOR OUTLETS/DEVICES SECONDARY PATHWAY AND CABLING REQUIREMENTS.
4. REFER TO SHEET T-004 FOR NURSE CALL SYSTEM STATION SCHEDULE AND PATHWAY REQUIREMENTS.
5. SERVE OUTLETS/DEVICES ON THIS SHEET FROM TELECOM ROOMS AS NOTED.
6. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS OF OUTLETS/DEVICES, WHERE SHOWN, OUTLETS/DEVICES ON THIS SHEET ARE SHOWN DIAGRAMMATICALLY.
7. REFER TO SECURITY INSTALLATION DETAILS FOR SECONDARY PATHWAY REQUIREMENTS, SYSTEM INTERFACES, AND COMPONENT CONFIGURATIONS.
8. PATHWAYS SHOWN ARE DEDICATED FOR TECHNOLOGY CABLING.
9. INSTALL SECONDARY PATHWAYS ALONG THE MOST DIRECT ROUTES TO PRIMARY PATHWAYS OR SERVING ROOM.
10. INSTALL HORIZONTAL CABLES ALONG THE MOST DIRECT PRIMARY PATHWAY ROUTE TO THE SERVING TELECOM ROOM.
11. PROVIDE APPROVED FIRESTOP SYSTEMS AT PENETRATIONS THROUGH FIRE BARRIERS, SMOKE BARRIERS, AND SMOKE PARTITIONS TO MAINTAIN RATINGS.
12. REFER TO SHEET PT-T2.04 IN OSHPD No.: S170907-43-00 DRAWING PACKAGE FOR THE LOCATION OF THE (E) TEL. CLOSET THAT SUPPORTS THE EXISTING CABLING.

## NUMBERED NOTES

- 01 PROVIDE AN ADDITIONAL 20' OF SERVICE LOOP COILED NEATLY ABOVE CEILING SUPPORTED ON J-HANGERS FOR ALL CABLES FOR FUTURE RELOCATIONS.



SANTA CLARA VALLEY  
HEALTH AND  
HOSPITAL SYSTEM

751 S. BASCOM  
AVENUE,  
SAN JOSE, CA 95128  
**BLDG M 4TH - GI &  
BRONCH INTERIM  
RELOCATION**

SHEET TITLE:  
**AREA D FLOOR PLAN**

SCALE: 1/4" = 1'-0"  
PROJECT NUMBER: 36018.80

SHEET NUMBER:

T-114

D

C

B

A

1

2

3

4

5

RATCLIFF

5856 Doyle Street  
Emeryville, CA 94608  
Tel 510 899 6400  
www.ratcliffarch.com

SHEET NOTES

1. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS OF OUTLETS, DEVICES AND EQUIPMENT. ALSO REFER TO ELECTRICAL PLANS TO COORDINATE FINAL LOCATIONS OF OUTLETS, DEVICES AND EQUIPMENT.
2. SERVE LOW VOLTAGE DEVICES/OUTLETS ON THIS SHEET AS NOTED ON OVERALL PLANS.
3. REFER TO SHEET T-002 FOR PATHWAY REQUIREMENTS.
4. PATHWAYS SHOWN ARE DEDICATED FOR TELECOMMUNICATIONS CABLING ONLY.
5. PROVIDE APPROVED FIRESTOP SYSTEMS AT PENETRATIONS THROUGH FIRE BARRIERS, SMOKE BARRIERS, AND SMOKE PARTITIONS TO MAINTAIN RATING. REFER TO SHEET T-002 FOR APPROVED FIRESTOP SYSTEMS.
6. REFER TO SHEET PT-T2.04 IN OSHPD NO. S170807-43-00 DRAWING PACKAGE FOR THE LOCATION OF THE (E) TEL CLOSET THAT SUPPORTS THE EXISTING CABLING.



SCALE: 1/8" = 1'-0"  
PROJECT NUMBER: 36018.80

SHEET NUMBER:

T-120

Phone: 530-652-4169 | Fax: 530-641-1258

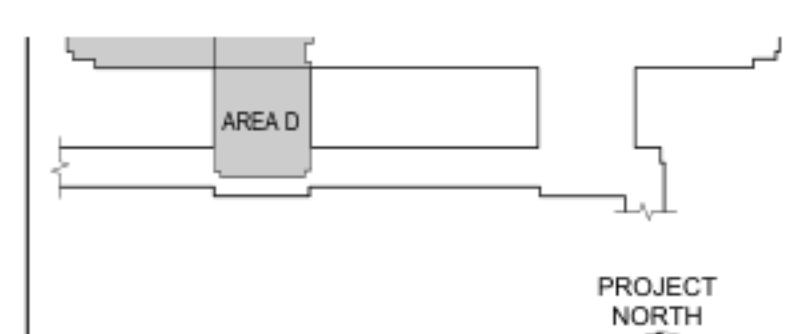
Nevada:  
8521 White Fir Street  
Unit C1-A  
Reno, NV 89523

Bay Area:  
835 Arnold Drive  
Suite #104/Bay 1  
Martinez, CA 94553

Sacramento Area:  
1995 Highway 65  
Wheatland, CA 95692

Headquarters:  
412 Main Street  
Wheatland, CA 95692

**WALKER**  
TELECOMM, INC.



SANTA CLARA VALLEY  
HEALTH AND  
HOSPITAL SYSTEM

751 S. BASCOM  
AVENUE,  
SAN JOSE, CA 95128  
**BLDG M 4TH - GI &  
BRONCH INTERIM  
RELOCATION**

SHEET TITLE:  
**OVERALL REFLECTED  
CEILING PLANS**

1/8" = 1'-0"  
PROJECT NUMBER: 36018.80

SHEET NUMBER:

**Phone: 530-652-4169 | Fax: 530-641-1258**

Nevada:  
8521 White Fir Street  
Unit C1-A  
Reno, NV 89523

Bay Area:  
835 Arnold Drive  
Suite 1104/Bay 1  
Martinez, CA 94553

Sacramento Area:  
1995 Highway 65  
Wheatland, CA 95692

Headquarters:  
412 Main Street  
Wheatland, CA 95692

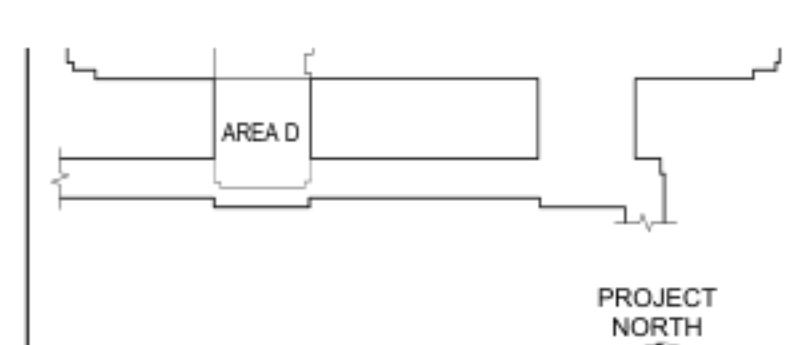
**WALKER**  
TELECOMM, INC.

## SHEET NOTES

1. REFER TO SHEET T-001 FOR ABBREVIATIONS, GENERAL NOTES, AND SYMBOL DEFINITIONS.
2. REFER TO SHEET T-002 FOR PRIMARY PATHWAY REQUIREMENTS AND DEFINITIONS.
3. REFER TO SHEET T-003 FOR OUTLETS/DEVICES SECONDARY PATHWAY AND CABLING REQUIREMENTS.
4. REFER TO SHEET T-004 FOR NURSE CALL SYSTEM STATION SCHEDULE AND PATHWAY REQUIREMENTS.
5. SERVE OUTLETS/DEVICES ON THIS SHEET FROM TELECOM ROOMS AS NOTED.
6. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS OF OUTLETS/DEVICES, WHERE SHOWN OUTLETS/DEVICES ON THIS SHEET ARE SHOWN DIAGRAMMATICALLY.
7. REFER TO SECURITY INSTALLATION DETAILS FOR SECONDARY PATHWAY REQUIREMENTS, SYSTEM INTERFACES, AND COMPONENT CONFIGURATIONS.
8. PATHWAYS SHOWN ARE DEDICATED FOR TECHNOLOGY CABLING.
9. INSTALL SECONDARY PATHWAYS ALONG THE MOST DIRECT ROUTES TO PRIMARY PATHWAYS OR SERVING ROOM.
10. INSTALL HORIZONTAL CABLES ALONG THE MOST DIRECT PRIMARY PATHWAY ROUTE TO THE SERVING TELECOM ROOM.
11. PROVIDE APPROVED FIRESTOP SYSTEMS AT PENETRATIONS THROUGH FIRE BARRIERS, SMOKE BARRIERS, AND SMOKE PARTITIONS TO MAINTAIN RATINGS.
12. REFER TO SHEET PT-T2.04 IN OSHPD No.: S170907-43-00 DRAWING PACKAGE FOR THE LOCATION OF THE (E) TEL. CLOSET THAT SUPPORTS THE EXISTING CABLING.

## NUMBERED NOTES

- 01** PROVIDE AN ADDITIONAL 20' OF SERVICE LOOP COILED NEATLY ABOVE CEILING SUPPORTED ON J-HANGERS FOR ALL CABLES FOR FUTURE RELOCATIONS.



**SANTA CLARA VALLEY  
HEALTH AND  
HOSPITAL SYSTEM**

751 S. BASCOM  
AVENUE,  
SAN JOSE, CA 95128  
**BLDG M 4TH - GI &  
BRONCH INTERIM  
RELOCATION**

**AREA A REFLECTED  
CEILING PLAN**

SCALE: 1/4" = 1'-0"  
PROJECT NUMBER: 36018.80

SHEET NUMBER:

T-121

D

C

B

A

1

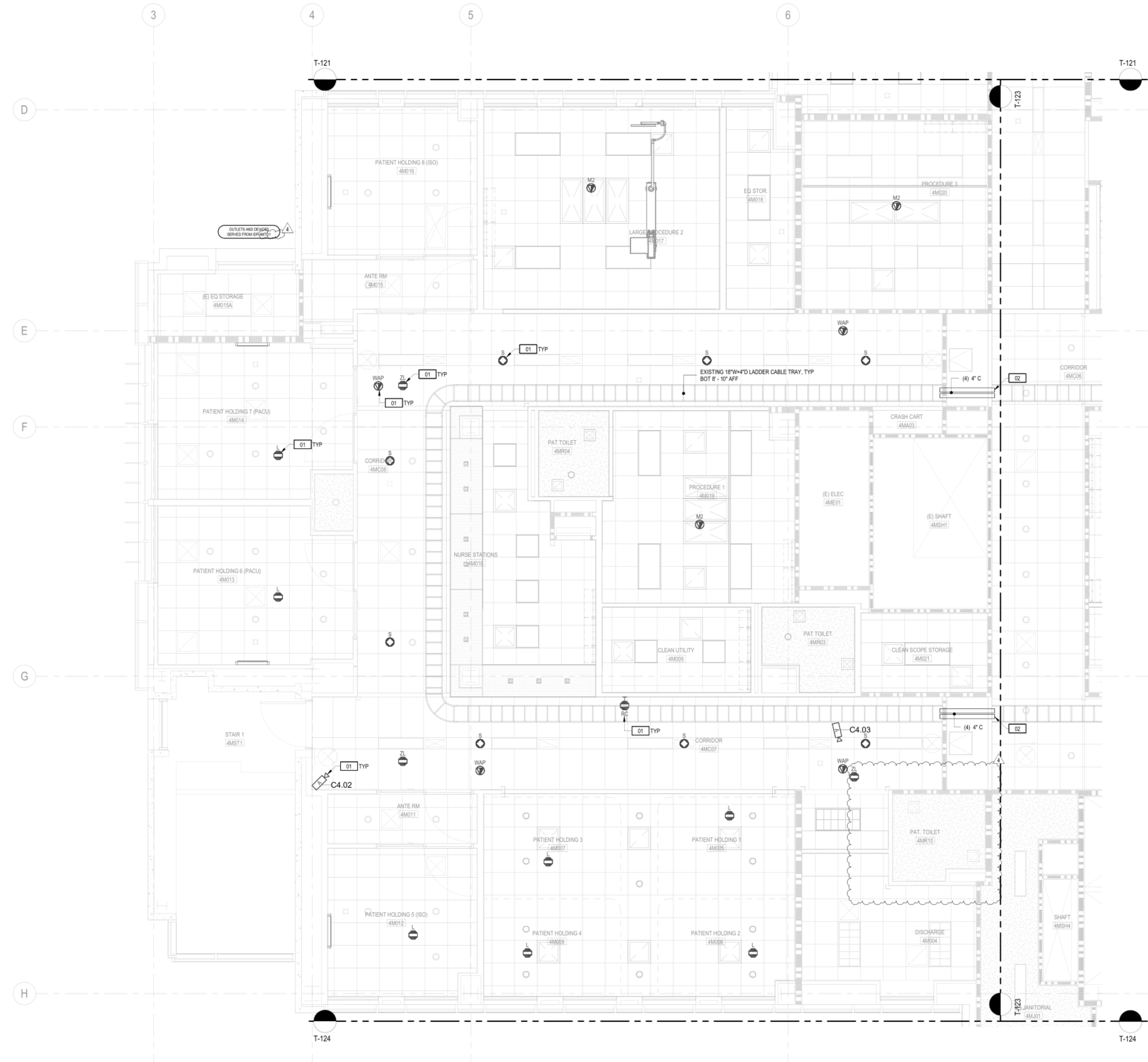
2

3

4

5

T-121



SHEET NOTES

1. REFER TO SHEET T-001 FOR ABBREVIATIONS, GENERAL NOTES, AND SYMBOL DEFINITIONS.
  2. REFER TO SHEET T-002 FOR PRIMARY PATHWAY REQUIREMENTS AND DEFINITIONS.
  3. REFER TO SHEET T-003 FOR OUTLETS/DEVICES SECONDARY PATHWAY AND CABLING REQUIREMENTS.
  4. REFER TO SHEET T-004 FOR NURSE CALL SYSTEM STATION SCHEDULE AND PATHWAY REQUIREMENTS.
  5. SERVE OUTLETS/DEVICES ON THIS SHEET FROM TELECOM ROOMS AS NOTED.
  6. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS OF OUTLETS/DEVICES, WHERE SHOWN. OUTLETS/DEVICES ON THIS SHEET ARE SHOWN DIAGRAMMATICALLY.
  7. REFER TO SECURITY INSTALLATION DETAILS FOR SECONDARY PATHWAY REQUIREMENTS, SYSTEM INTERFACES, AND COMPONENT CONFIGURATIONS.
  8. PATHWAYS SHOWN ARE DEDICATED FOR TECHNOLOGY CABLING.
  9. INSTALL SECONDARY PATHWAYS ALONG THE MOST DIRECT ROUTES TO PRIMARY PATHWAYS OR SERVING ROOM.
  10. INSTALL HORIZONTAL CABLES ALONG THE MOST DIRECT PRIMARY PATHWAY ROUTE TO THE SERVING TELECOM ROOM.
  11. PROVIDE APPROVED FIRESTOP SYSTEMS AT PENETRATIONS THROUGH FIRE BARRIERS, SMOKE BARRIERS, AND SMOKE PARTITIONS TO MAINTAIN RATINGS.
  12. REFER TO SHEET PT-T2.04 IN OSHPD No.: S170907-43-00 DRAWING PACKAGE FOR THE LOCATION OF THE (E) TEL. CLOSET THAT SUPPORTS THE EXISTING CABLING.

## NUMBERED NOTES

- 01 PROVIDE AN ADDITIONAL 20' OF SERVICE LOOP COILED NEATLY ABOVE CEILING SUPPORTED ON J-HANGERS FOR ALL CABLES FOR FUTURE RELOCATIONS.
  - 02 PROVIDE FIRESTOP UL SYSTEM # W-L-3435 ON EACH END OF CONDUIT AS INDICATED ON SHEET T-002. CONDUITS STACKED ABOVE EACH OTHER, (4) TOTAL PATHWAY THROUGH USER SPACE. REFER TO PLANS FOR PATHWAY TYPE AND ROUTES. ALIGN WITH LADDER CABLE TRAY IN USER SPACE. PROVIDE FIRESTOP UL SYSTEM # W-L-3357 ON EACH END OF CONDUIT IF EMPTY (NO CABLES).

**Phone:** 530-652-4169 | **Fax:** 530-641-1258  
Headquarters: Sacramento Area • Bay Area • Nevada

123 Main Street  
Anytown, CA 94608  
(415) 555-6400  
[www.affarch.com](http://www.affarch.com)

**530-641-1258**

ca:

Nevada:  
8521 White Fir Street  
Old Drive  
Unit C1-A  
Reno, NV 89523

04/Bay 1  
2, CA 94553

The logo for Walker Telecomm, Inc. consists of the word "WALKER" in a large, bold, black, sans-serif font. To the right of "WALKER" is a vertical red graphic element that resembles a stylized 'T' or a flame. To the right of this red element, the words "TELECOMM, INC." are written in a smaller, black, sans-serif font.

The diagram shows a rectangular site boundary with various internal and external features. A central rectangular area is highlighted with a light gray fill and labeled 'AREA D' in bold capital letters. The site is labeled 'PROJECT NORTH' at the bottom right. There are several stepped or irregular boundaries, some with small arrows pointing outwards, indicating specific areas or paths.

# SANTA CLARA VALLEY HEALTH AND HOSPITAL SYSTEM

751 S. BASCOM  
AVENUE,  
SAN JOSE, CA 95128

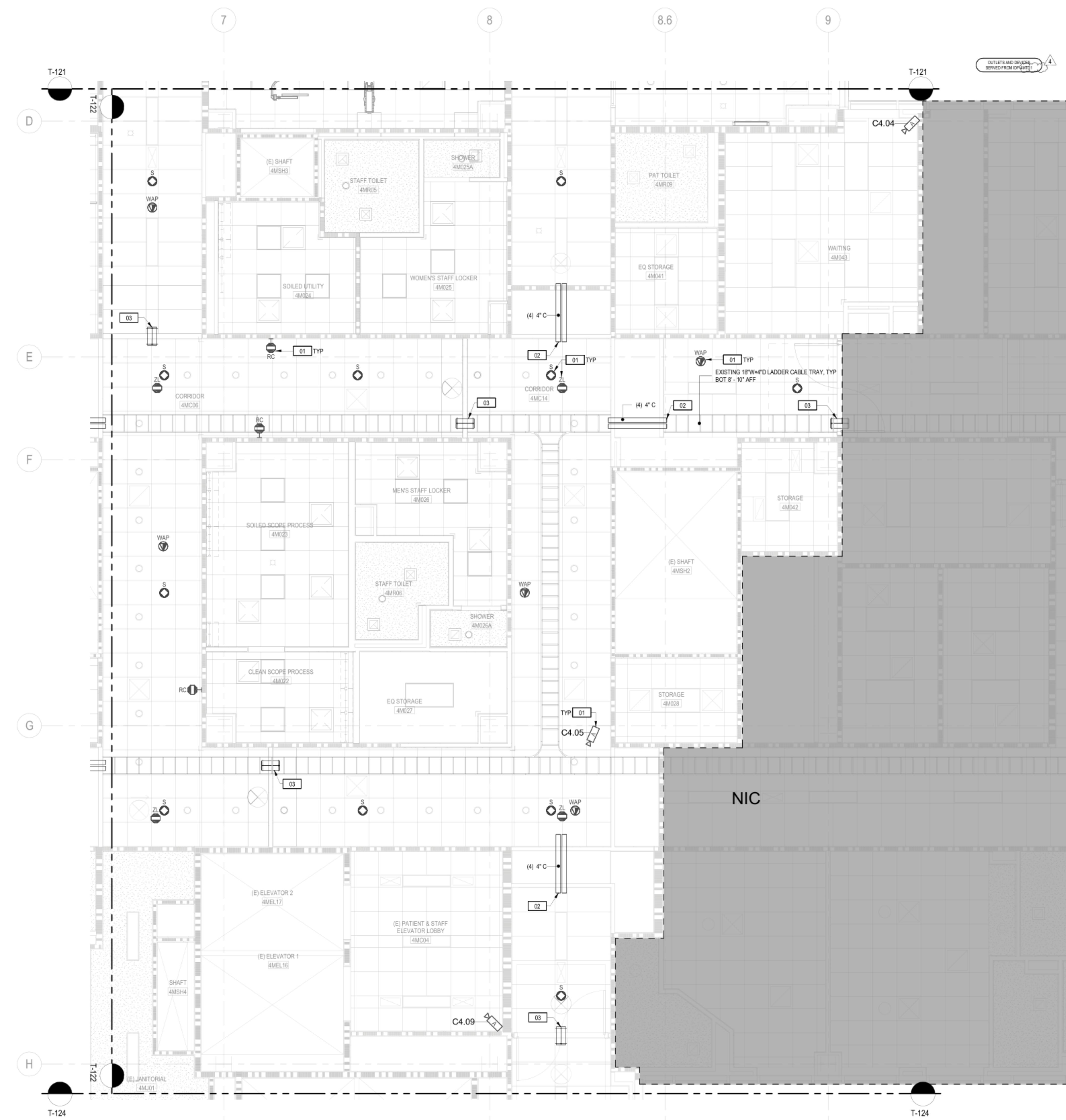
**BLDG M 4TH - GI &  
BRONCH INTERIM  
RELOCATION**

SHEET TITLE:  
**AREA B REFLECTED  
CEILING PLAN**

SCALE: 1/4" = 1'-0"  
PROJECT NUMBER: 36018.80

SHEET NUMBER:

T-122



## SHEET NOTES

1. REFER TO SHEET T-001 FOR ABBREVIATIONS, GENERAL NOTES, AND SYMBOL DEFINITIONS.
2. REFER TO SHEET T-002 FOR PRIMARY PATHWAY REQUIREMENTS AND DEFINITIONS.
3. REFER TO SHEET T-003 FOR OUTLETS/DEVICES SECONDARY PATHWAY AND CABLING REQUIREMENTS.
4. REFER TO SHEET T-004 FOR NURSE CALL SYSTEM STATION SCHEDULE AND PATHWAY REQUIREMENTS.
5. SERVE OUTLETS/DEVICES ON THIS SHEET FROM TELECOM ROOMS AS NOTED.
6. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS OF OUTLETS/DEVICES, WHERE SHOWN OUTLETS/DEVICES ON THIS SHEET ARE SHOWN DIAGRAMMATICALLY.
7. REFER TO SECURITY INSTALLATION DETAILS FOR SECONDARY PATHWAY REQUIREMENTS, SYSTEM INTERFACES, AND COMPONENT CONFIGURATIONS.
8. PATHWAYS SHOWN ARE DEDICATED FOR TECHNOLOGY CABLING.
9. INSTALL SECONDARY PATHWAYS ALONG THE MOST DIRECT ROUTES TO PRIMARY PATHWAYS OR SERVING ROOM.
10. INSTALL HORIZONTAL CABLES ALONG THE MOST DIRECT PRIMARY PATHWAY ROUTE TO THE SERVING TELECOM ROOM.
11. PROVIDE APPROVED FIRESTOP SYSTEMS AT PENETRATIONS THROUGH FIRE BARRIERS, SMOKE BARRIERS, AND SMOKE PARTITIONS TO MAINTAIN RATINGS.
12. REFER TO SHEET PT-T2.04 IN OSHPD No.: S170907-43-02 DRAWING PACKAGE FOR THE LOCATION OF THE (E) TEL CLOSET THAT SUPPORTS THE EXISTING CABLING.

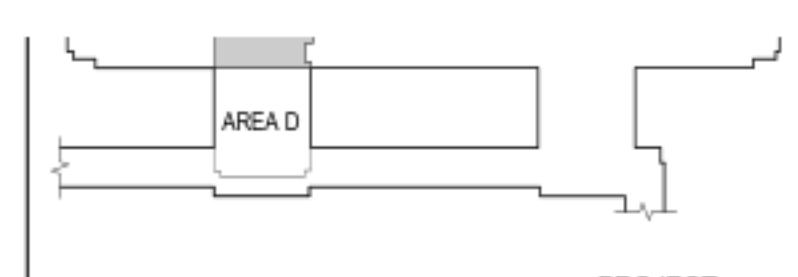
## NUMBERED NOTES

- [01] PROVIDE AN ADDITIONAL 20' OF SERVICE LOOP COILED NEATLY ABOVE CEILING SUPPORTED ON J-HANGERS FOR ALL CABLES FOR FUTURE RELOCATIONS.
- [02] PROVIDE FIRESTOP UL SYSTEM #W-L-3435 ON EACH END CONDUIT AS INDICATED ON SHEET T-002. CONDUITS STACKED ABOVE EACH OTHER. (4) TOTAL PATHWAY THROUGH USER SPACE. REFER TO PLAN FOR PATHWAY TYPE AND ROUTES. ALIGN WITH LADDER CABLE TRAY IF POSSIBLE. PROVIDE FIRESTOP UL SYSTEM #W-L-3357 ON EACH END OF CONDUIT IF EMPTY (NO CABLES).
- [03] PROVIDE FIRESTOP UL SYSTEM #W-L-3368 AS INDICATED ON SHEET T-002. 2X2 FIRESTOP SLEEVES STACKED ABOVE EACH OTHER. (4) TOTAL PATHWAYS THROUGH USER SPACE. ALIGN WITH LADDER CABLE TRAY IN USER SPACE.

Phone: 530-652-4169 | Fax: 530-641-1258

Nevada:  
8521 White Fir Street  
Unit C1-A  
Reno, NV 89523

**WALKER**  
TELECOMM, INC.

SANTA CLARA VALLEY  
HEALTH AND  
HOSPITAL SYSTEM

751 S. BASCOM  
AVENUE,  
SAN JOSE, CA 95128  
**BLDG M 4TH - GI &  
BRONCH INTERIM  
RELOCATION**

SHEET TITLE:  
**AREA C REFLECTED  
CEILING PLAN**

SCALE: 1/4" = 1'-0"  
PROJECT NUMBER: 36018.80

SHEET NUMBER:

T-123

Phone: 530-652-4169 | Fax: 530-641-1258

Nevada:  
8521 White Fir Street  
Unit C1-A  
Reno, NV 89523

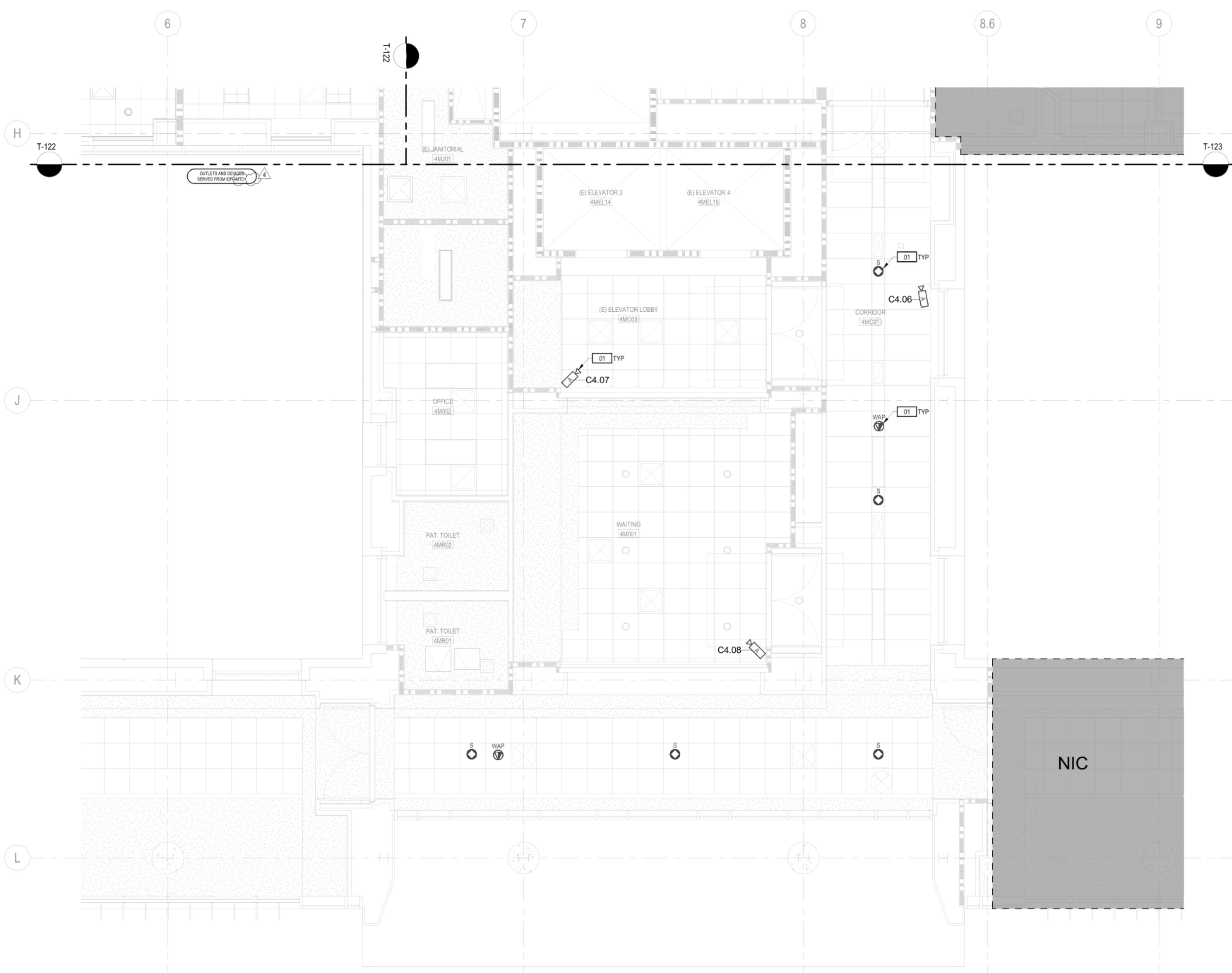
**WALKER**  
TELECOMM, INC.

## SHEET NOTES

1. REFER TO SHEET T-001 FOR ABBREVIATIONS, GENERAL NOTES, AND SYMBOL DEFINITIONS.
2. REFER TO SHEET T-002 FOR PRIMARY PATHWAY REQUIREMENTS AND DEFINITIONS.
3. REFER TO SHEET T-003 FOR OUTLETS/DEVICES SECONDARY PATHWAY AND CABLING REQUIREMENTS.
4. REFER TO SHEET T-004 FOR NURSE CALL SYSTEM STATION SCHEDULE AND PATHWAY REQUIREMENTS.
5. SERVE OUTLETS/DEVICES ON THIS SHEET FROM TELECOM ROOMS AS NOTED.
6. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS OF OUTLETS/DEVICES, WHERE SHOWN, OUTLETS/DEVICES ON THIS SHEET ARE SHOWN DIAGRAMMATICALLY.
7. REFER TO SECURITY INSTALLATION DETAILS FOR SECONDARY PATHWAY REQUIREMENTS, SYSTEM INTERFACES, AND COMPONENT CONFIGURATIONS.
8. PATHWAYS SHOWN ARE DEDICATED FOR TECHNOLOGY CABLING.
9. INSTALL SECONDARY PATHWAYS ALONG THE MOST DIRECT ROUTES TO PRIMARY PATHWAYS OR SERVING ROOM.
10. INSTALL HORIZONTAL CABLES ALONG THE MOST DIRECT PRIMARY PATHWAY ROUTE TO THE SERVING TELECOM ROOM.
11. PROVIDE APPROVED FIRESTOP SYSTEMS AT PENETRATIONS THROUGH FIRE BARRIERS, SMOKE BARRIERS, AND SMOKE PARTITIONS TO MAINTAIN RATINGS.
12. REFER TO SHEET PT-T2.04 IN OSHPD No. S170907-43-02 DRAWING PACKAGE FOR THE LOCATION OF THE (E) TEL. CLOSET THAT SUPPORTS THE EXISTING CABLING.

## NUMBERED NOTES

- 01** PROVIDE AN ADDITIONAL 20' OF SERVICE LOOP COILED NEATLY ABOVE CEILING SUPPORTED ON J-HANGERS FOR ALL CABLES FOR FUTURE RELOCATIONS.



RATCLIFF

5856 Doyle Street  
Emeryville, CA 94608  
Tel 510 899 6400  
[www.ratcliffarch.com](http://www.ratcliffarch.com)

**DELETED SHEET**

<b>Phone:</b> 530-652-4169   <b>Fax:</b> 530-641-1258	<b>Headquarters:</b> 412 Main Street Wheatland, CA 95692	<b>Sacramento Area:</b> 1995 Highway 65 Wheatland, CA 95692	<b>Bay Area:</b> 835 Arnold Drive Suite #104/Bay 1 Martinez, CA 94553	<b>Nevada:</b> 8521 White Unit C1-A Reno, NV
---	--	---	--	---

The logo for Walker Telecomm, Inc. consists of the word "WALKER" in large, bold, black, sans-serif letters. To the right of "WALKER" is a red, abstract, flowing graphic element that resembles both a stylized 'W' and a flame. Above this red graphic, the words "TELECOMM, INC." are written in smaller, black, all-caps, sans-serif letters.

S201781-43-00-ACD0004

---

MONTA CLARA VALLEY  
HEALTH AND  
HOSPITAL SYSTEM

751 S. BASCOM  
AVENUE,  
SAN JOSE, CA 95128

**BLDG M 4TH - GI &  
BRONCH INTERIM  
RELOCATION**

HEET TITLE:  
**NOT USED**

CALE:  
PROJECT NUMBER: 36018.80

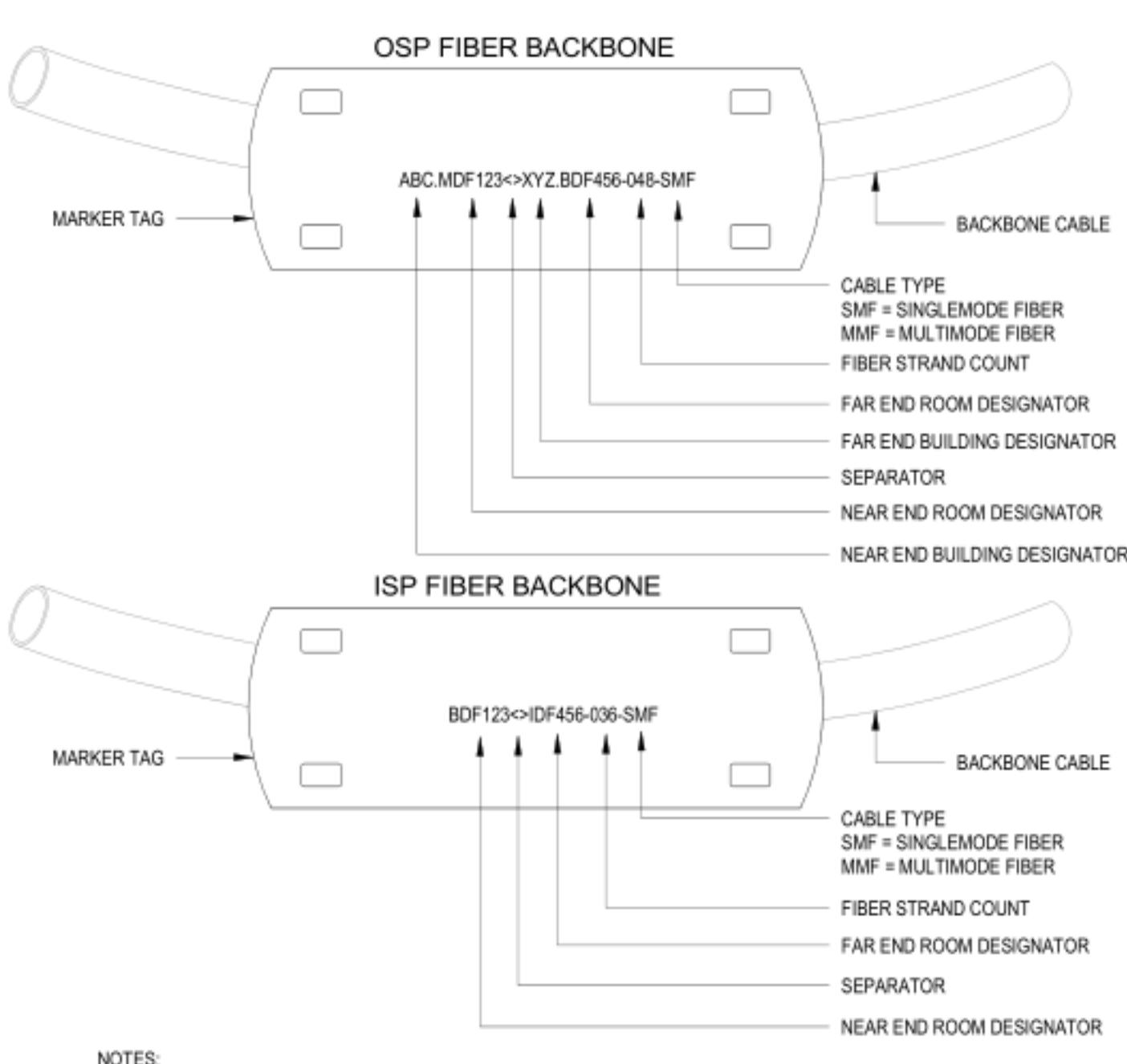
T-400

Phone: 530-652-4169 | Fax: 530-641-1258

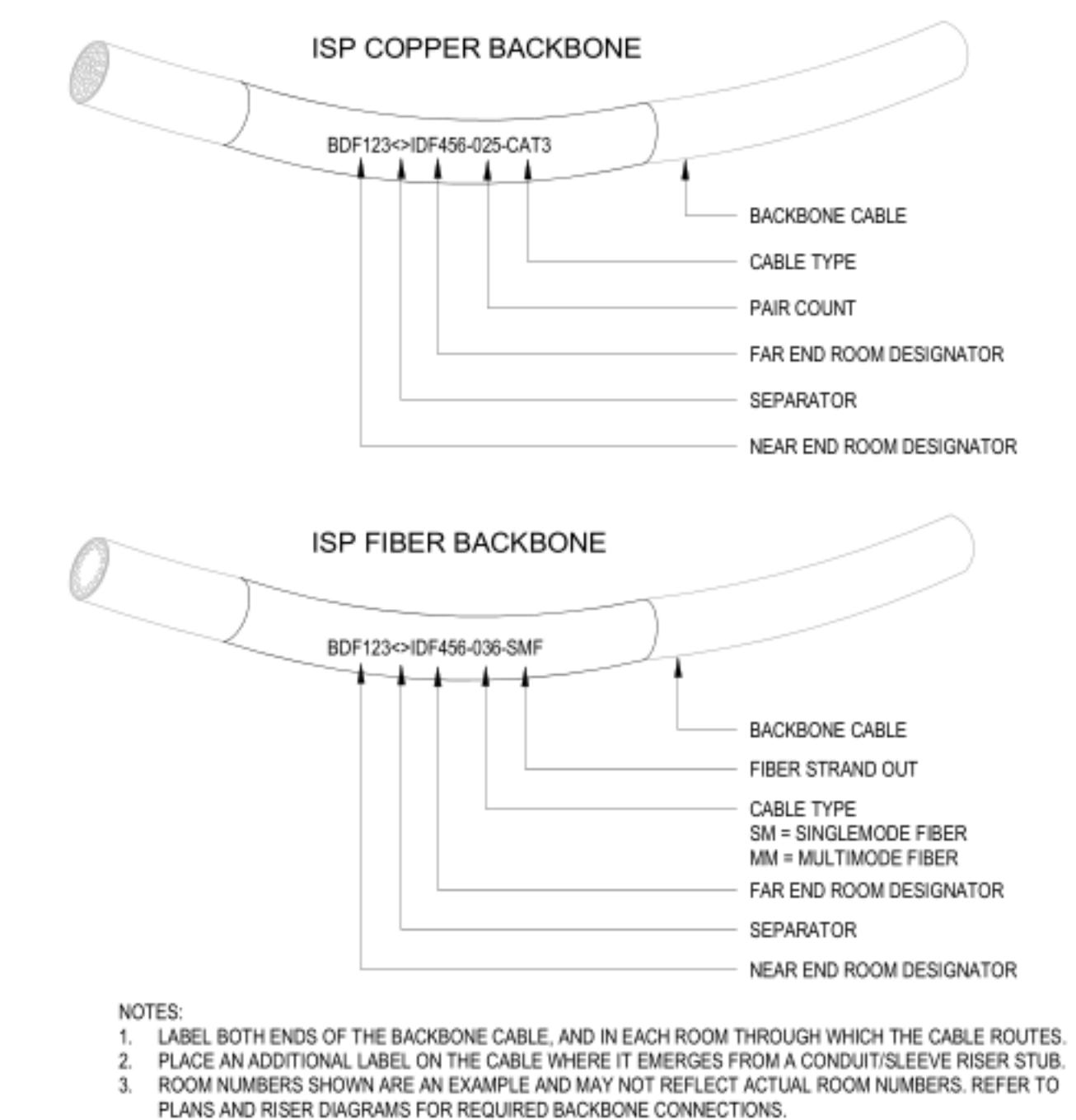
Nevada:  
8521 White Fir Street  
Unit C1-A  
Reno, NV 89523

Bay Area:  
835 Arnold Drive  
Suite 1104/Bay 1  
Martinez, CA 94553

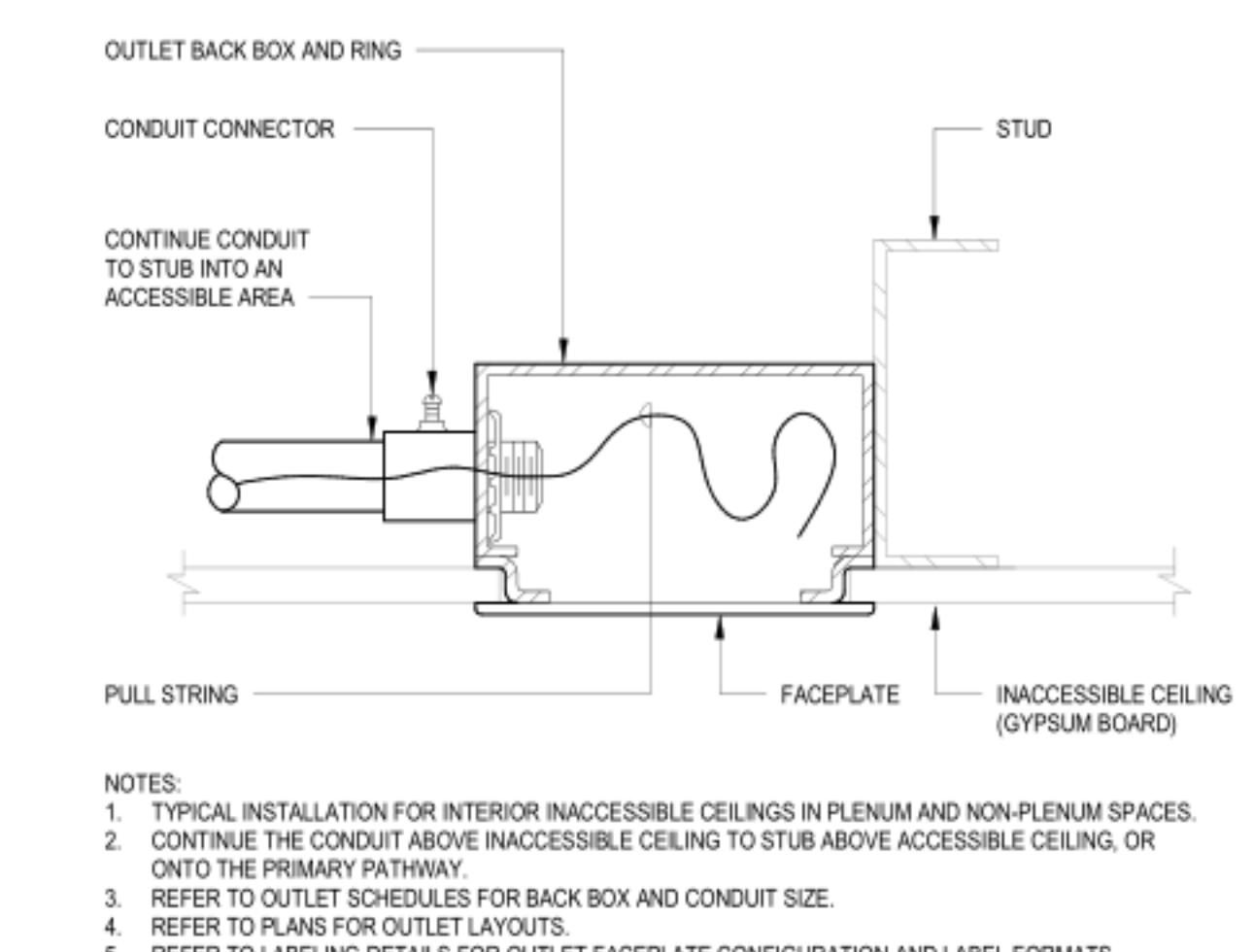
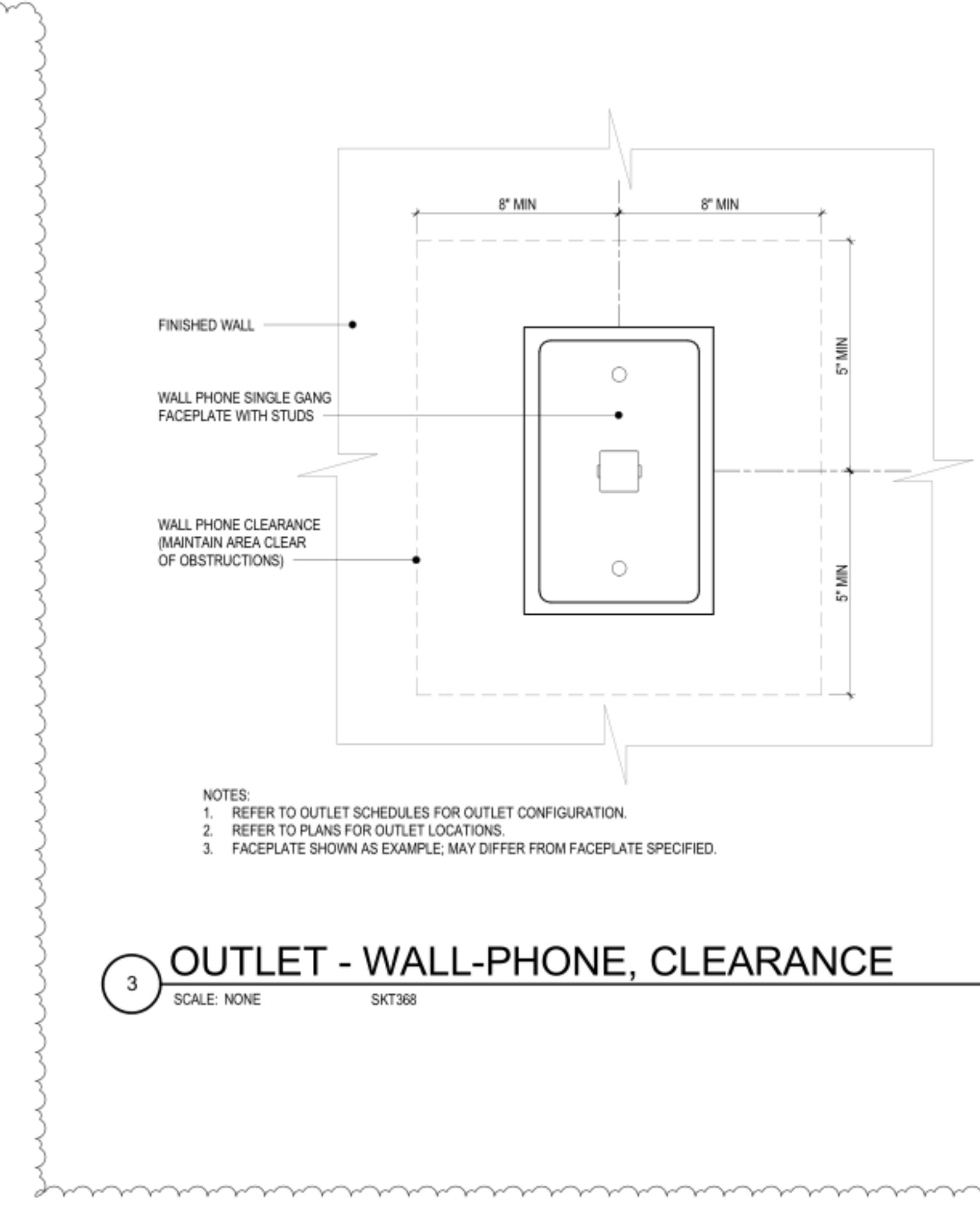
**WALKER**  
TELECOMM, INC.



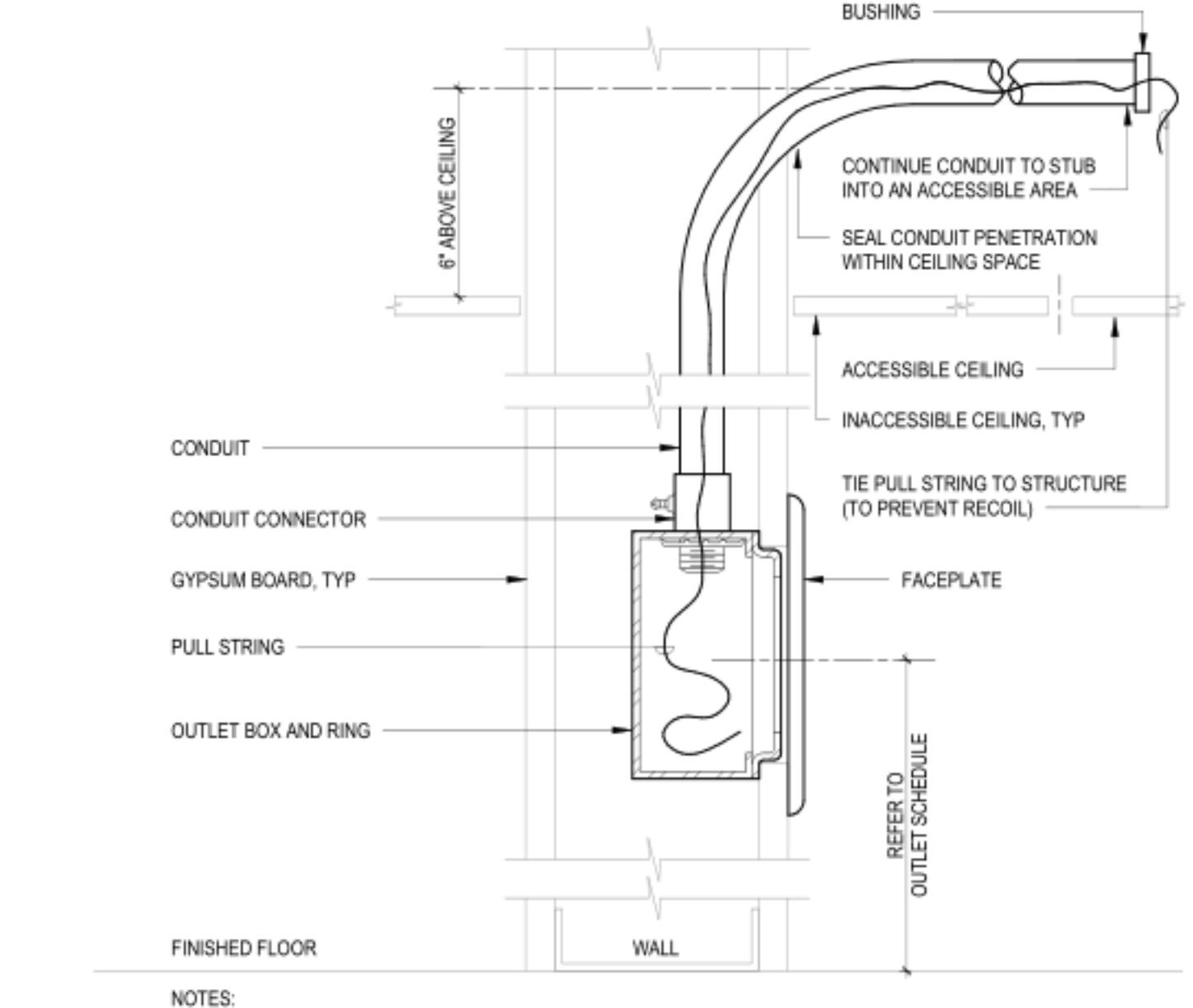
**LABELING - BACKBONE CABLING, FIBER**



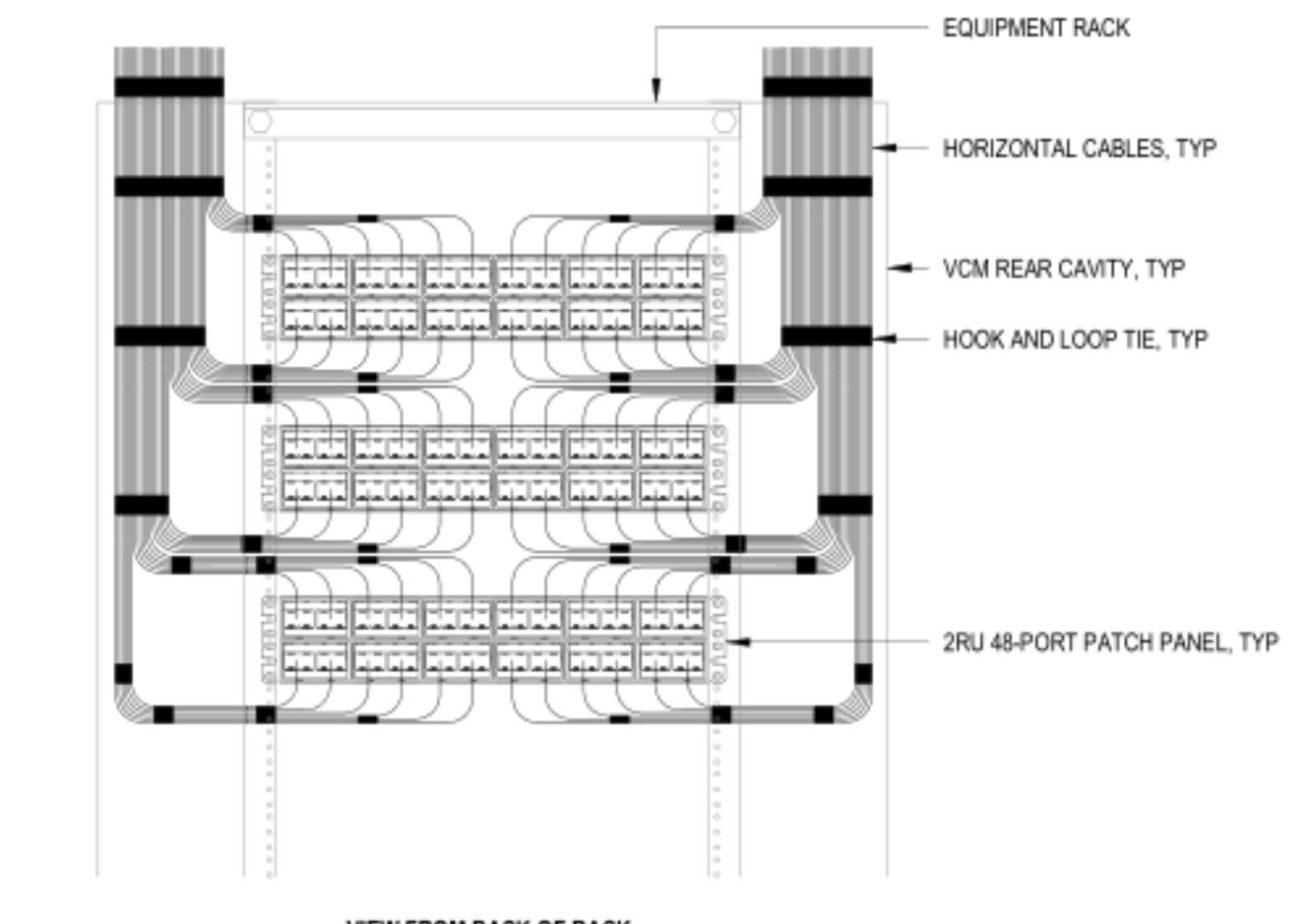
**LABELING - ISP BACKBONE CABLING**



**CLG OUTLET - IN INACCESSIBLE CLG**

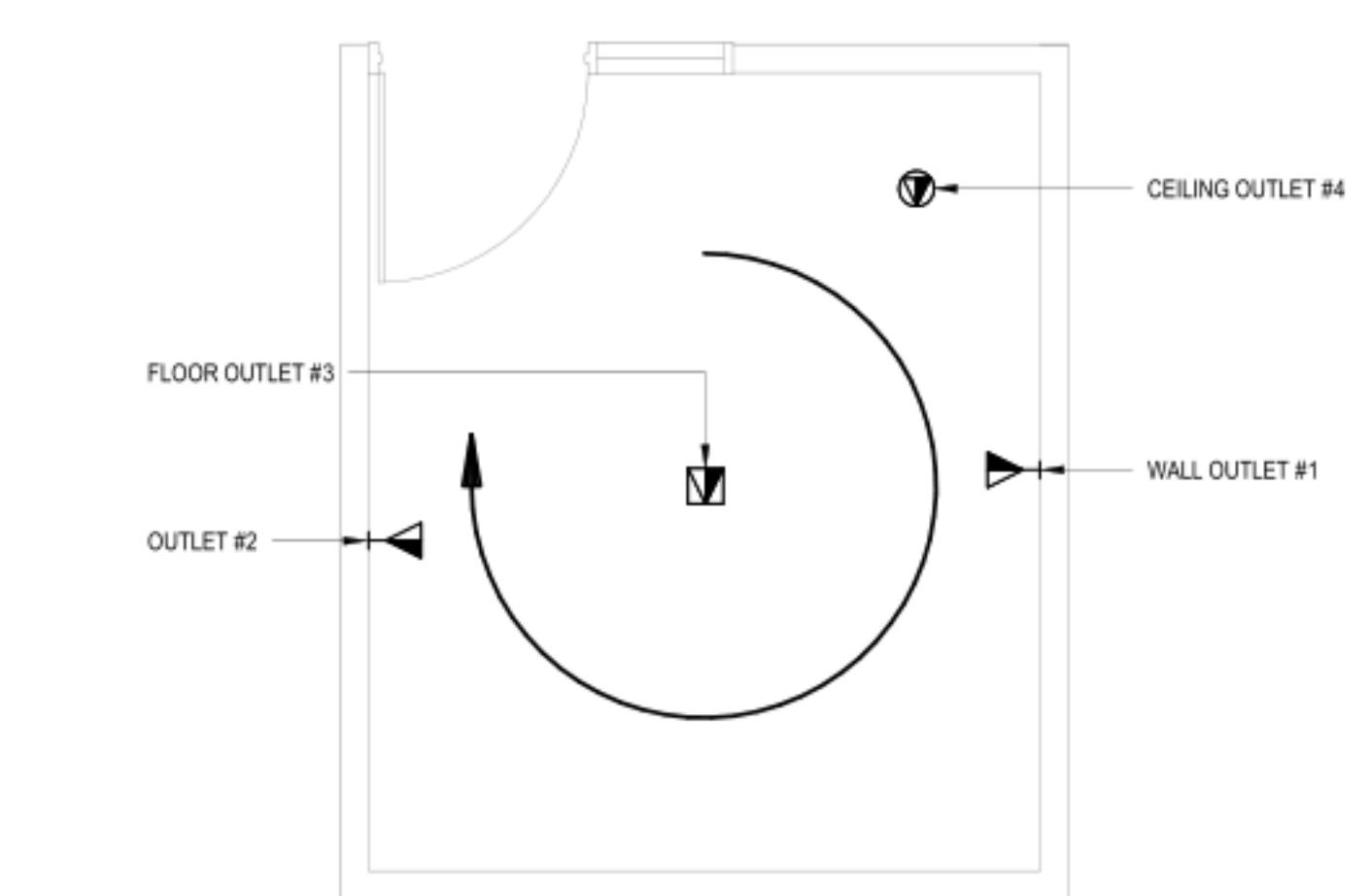


**WALL OUTLET - FED FROM INACCESSIBLE CLG**



**HORIZONTAL CABLE - ROUTING TO PATCH PANELS**

5 SCALE: NONE SKT426



**LABELING - OUTLETS, ROOM ORIENTATION**

## SANTA CLARA VALLEY HEALTH AND HOSPITAL SYSTEM

751 S. BASCOM AVENUE,  
SAN JOSE, CA 95128  
**BLDG M 4TH - GI &  
BRONCH INTERIM RELOCATION**

### TELECOMMUNICATION - INSTALLATION DETAILS

SCALE: NONE  
PROJECT NUMBER: 36018.80

SHEET NUMBER: T-501

Phone: 530-652-4169 | Fax: 530-641-1258

Nevada:  
8521 White Fir Street  
Unit C1-A  
Reno, NV 89523

Bay Area:  
835 Arnold Drive  
Suite 1104/Bay 1  
Martinez, CA 94553

Sacramento Area:  
1995 Highway 65  
Wheatland, CA 95692

Headquarters:  
412 Main Street  
Wheatland, CA 95692

**WALKER**  
TELECOMM, INC.

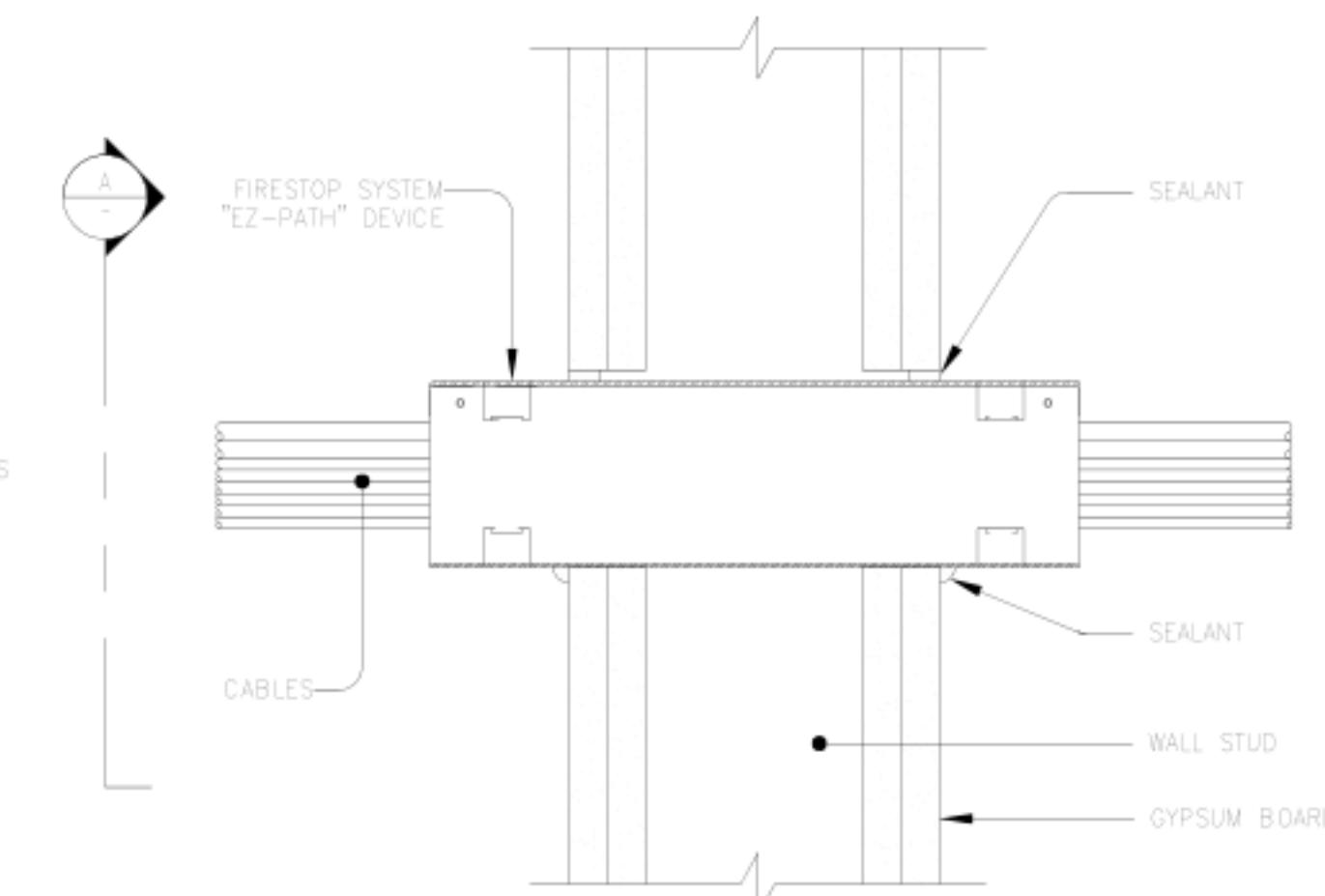
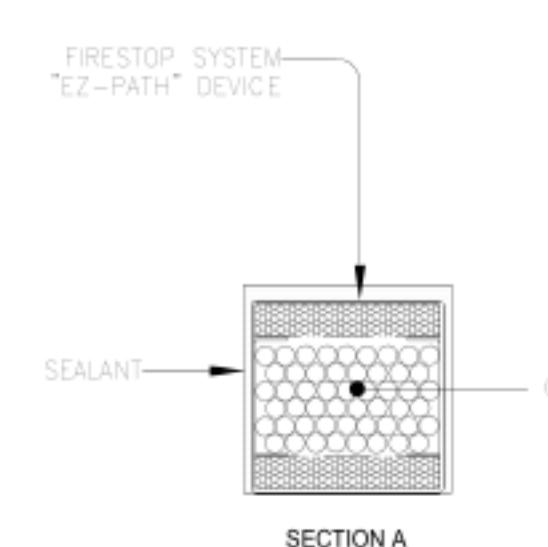
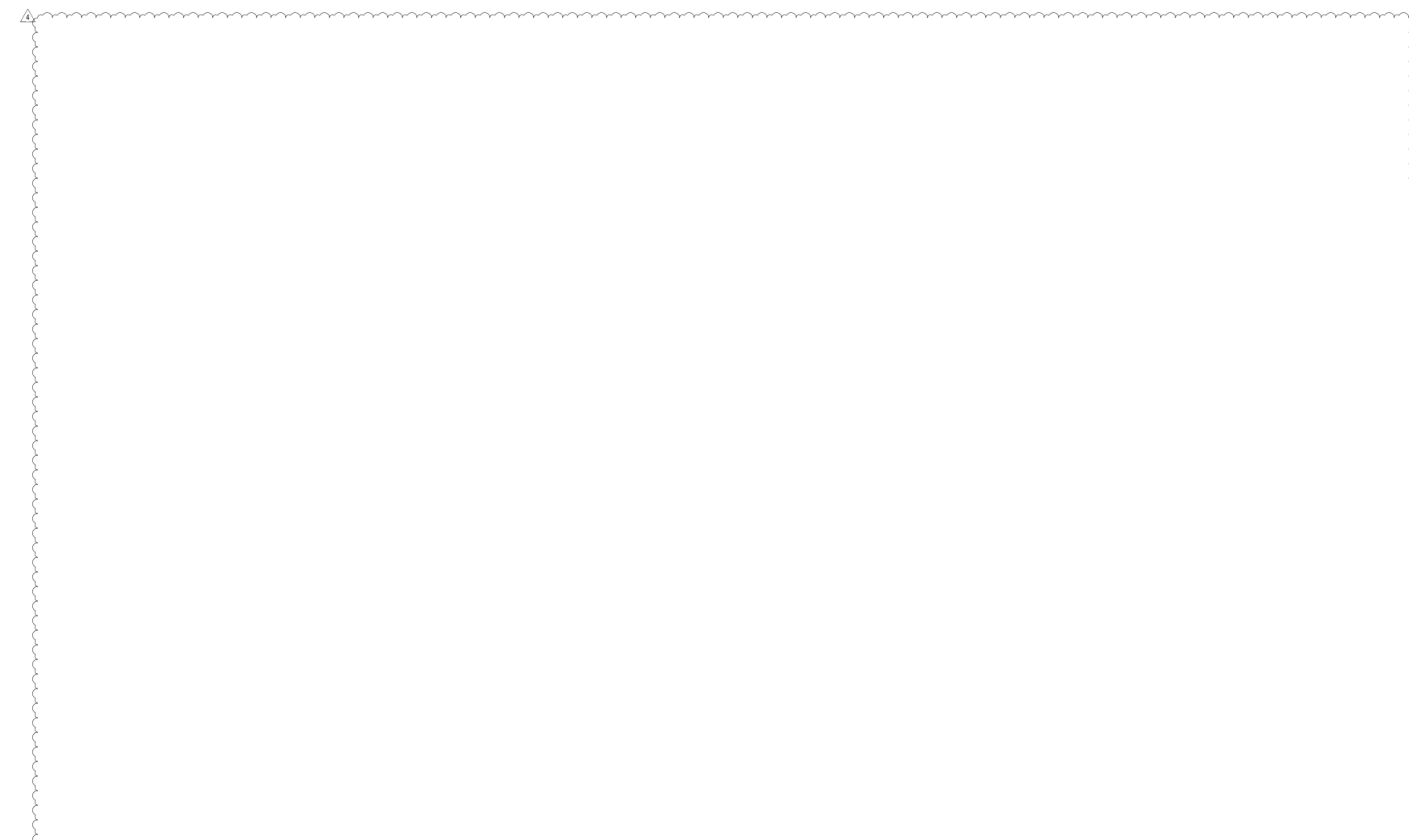
T-503

D

C

B

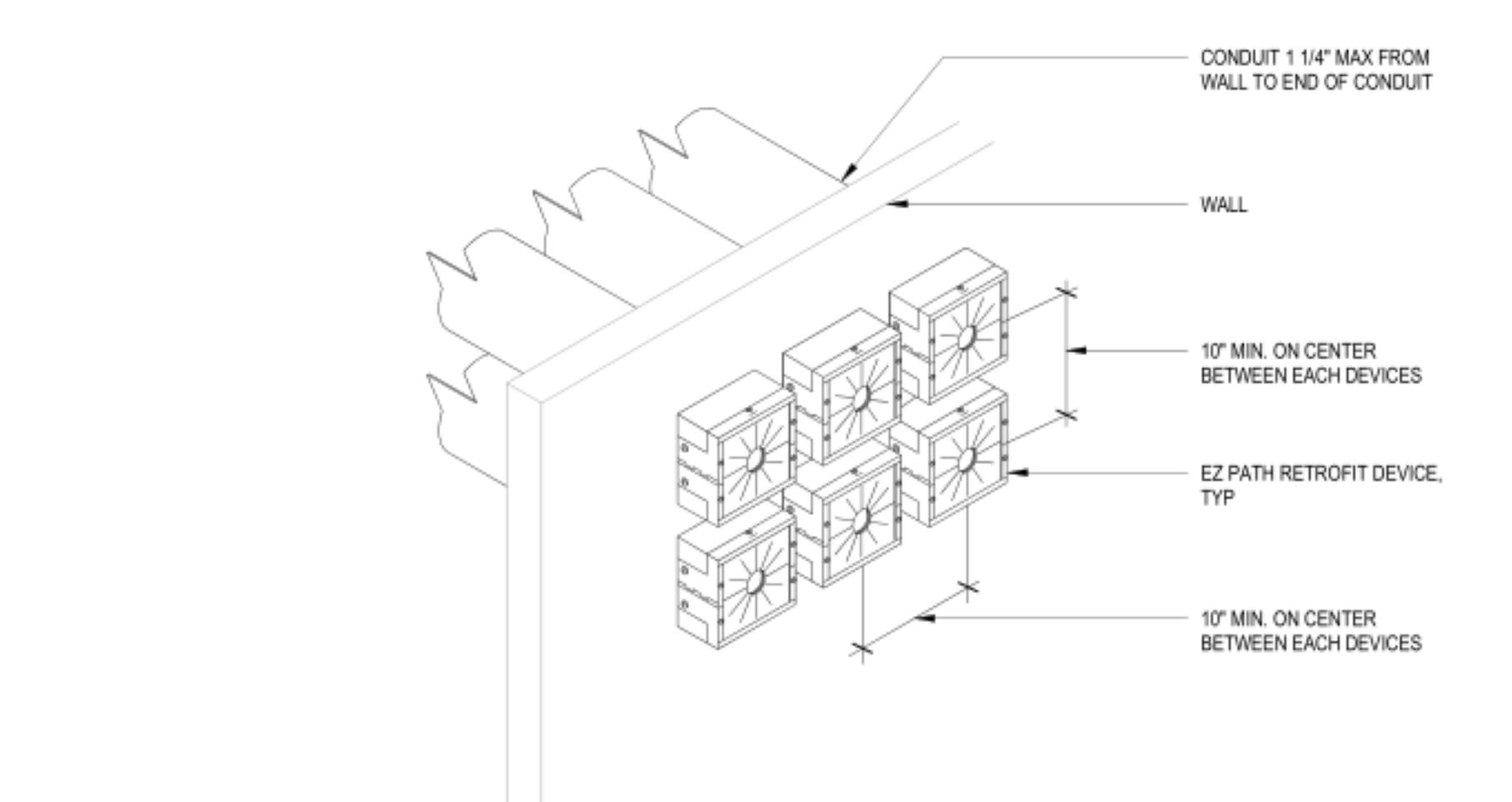
A



UL SYSTEMS W-L-3219  
T = 3/4 OR 1 HR  
F = 1 OR 2 HR

CONSULT CURRENT UNDERWRITERS LABORATORIES "FIRE RESISTANCE DIRECTORY" FOR DETAILS

4 FIRESSTOP DETAILS  
SCALE: NONE



NOTES:  
1. CONDUIT AND RETROFIT DEVICE QUANTITY USED ON THIS DETAIL REPRESENTS AN EXAMPLE. REFER TO ROOM PLANS FOR CONDUIT AND RETROFIT DEVICE QUANTITIES BY ROOM.  
2. ALIGN BOTTOM OF RETROFIT DEVICE WITH CENTER OF CABLE TRAY.  
3. REFER TO THE PATHWAYS REQUIREMENT SHEET FOR QUANTITY AND SIZE OF RETROFIT FIRESTOP DEVICE.  
4. REFER TO "THROUGH PENETRATIONS" FOR APPLICABLE FIRESTOP UL SYSTEMS.

3 RETROFIT FIRESTOP DEVICE  
SCALE: NONE

S201781-43-00-ACD0004  
**SANTA CLARA VALLEY  
HEALTH AND  
HOSPITAL SYSTEM**

751 S. BASCOM  
AVENUE,  
SAN JOSE, CA 95128  
**BLDG M 4TH - GI &  
BRONCH INTERIM  
RELOCATION**

SHEET TITLE:  
**TELECOMMUNICATION  
- INSTALLATION  
DETAILS**

SCALE: As indicated  
PROJECT NUMBER: 36018.80

SHEET NUMBER:

RATCLIFF

5856 Doyle Street  
Emeryville, CA 94608  
Tel 510 899 6400  
[www.ratcliffarch.com](http://www.ratcliffarch.com)

Phone: 530-652-4169 | Fax: 530-641-1258

Nevada:  
8521 White Fir Street  
Unit C1-A  
Reno, NV 89523

Bay Area:  
835 Arnold Drive  
Suite #104/Bay 1

Sacramento Area:  
1995 Highway 65  
Wheatland, CA 95692

Headquarters:  
412 Main Street  
Wheatland, CA 95692

**WALKER**  
TELECOMM, INC.

D  
E  
E  
E  
D  
E  
S  
H  
T  
E  
E  
A

S201781-43-00-ACD0004  
SANTA CLARA VALLEY  
HEALTH AND  
HOSPITAL SYSTEM

751 S. BASCOM  
AVENUE,  
SAN JOSE, CA 95128

BLDG M 4TH - GI &  
BRONCH INTERIM  
RELOCATION

SHEET TITLE:  
NOT USED

SCALE:  
PROJECT NUMBER: 36018.80

SHEET NUMBER:

T-504

D

C

B

A

1

2

3

4

5