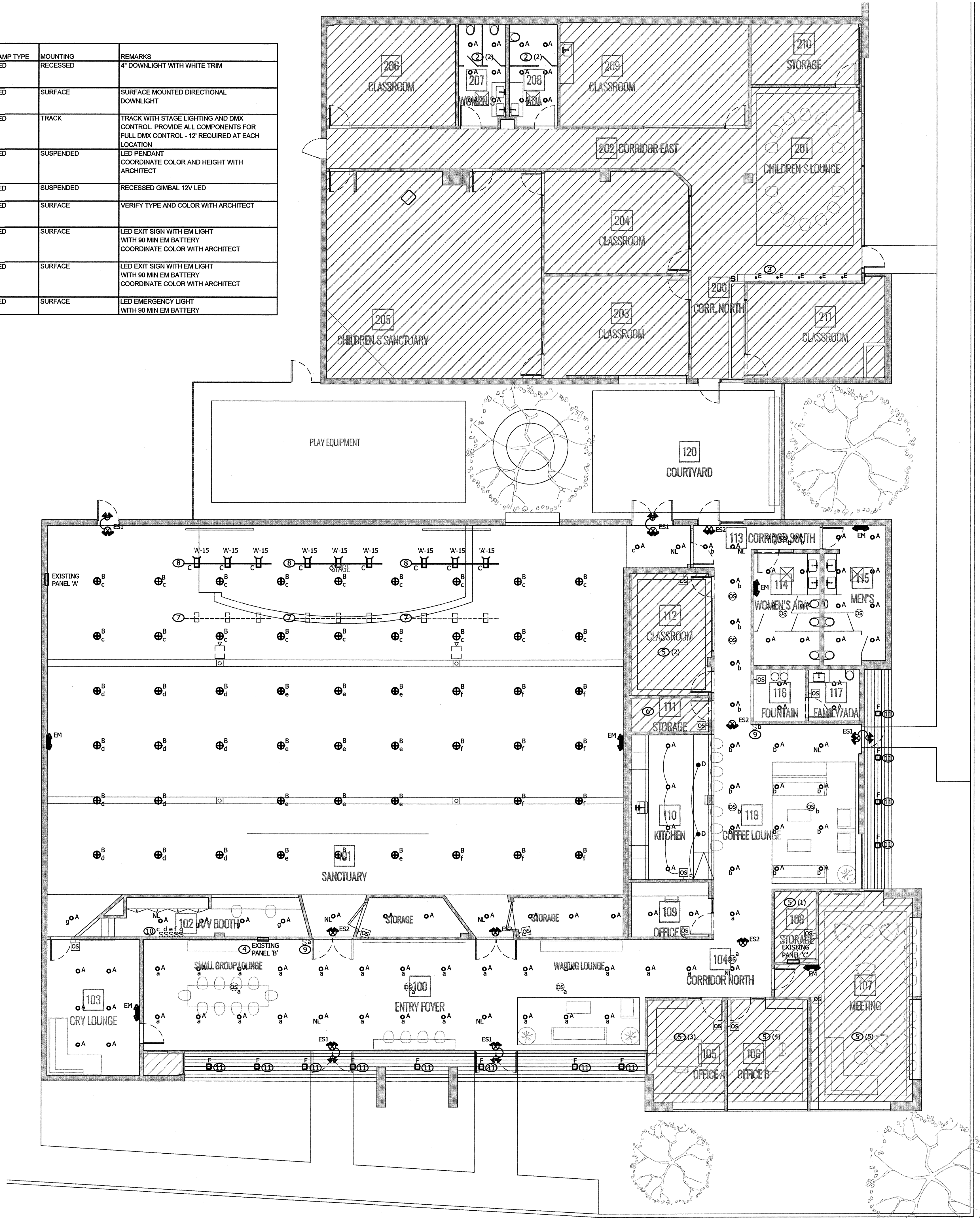


LUMINAIRE SCHEDULE

MARK	MANUFACTURER/ MODEL NUMBER	VOLTAGE/ INPUT WATTS	LAMP TYPE	MOUNTING	REMARKS
A	NORA LIGHTING NHIC-4LMRAT NLBC-451D 30 WW	120V 12W	LED	RECESSED	4" DOWNLIGHT WITH WHITE TRIM
B	NORA LIGHTING NTH-150LED B A85	120V 20W	LED	SURFACE	SURFACE MOUNTED DIRECTIONAL DOWNLIGHT
C	TIMESQUARE LIGHTING SPUS 48 (TRACK) IXT30 (LIGHT)	120V 21W	LED	TRACK	TRACK WITH STAGE LIGHTING AND DMX CONTROL. PROVIDE ALL COMPONENTS FOR FULL DMX CONTROL - 12' REQUIRED AT EACH LOCATION
D	LBL LIGHTING SU886 BL LED830	120V 42W	LED	SUSPENDED	LED PENDANT COORDINATE COLOR AND HEIGHT WITH ARCHITECT
E	DIODE LED DI-SPOT-RG30-15-BA	120V 2.13W	LED	SUSPENDED	RECESSED GIMBAL 12V LED
F	LITHONIA OLCFM 15 DDB	120V 16.6W	LED	SURFACE	VERIFY TYPE AND COLOR WITH ARCHITECT
ES1	LITHONIA (OR EQUIVALENT) LHQM LED R HO ELAEDET REMOTE HEAD AT EXTERIOR	120V 4.3W	LED	SURFACE	LED EXIT SIGN WITH EM LIGHT WITH 90 MIN EM BATTERY COORDINATE COLOR WITH ARCHITECT
ES2	LITHONIA (OR EQUIVALENT) LHQM LED R	120V 4.3W	LED	SURFACE	LED EXIT SIGN WITH EM LIGHT WITH 90 MIN EM BATTERY COORDINATE COLOR WITH ARCHITECT
EM	LITHONIA (OR EQUIVALENT) ELM2 LED	120V 2.88W	LED	SURFACE	LED EMERGENCY LIGHT WITH 90 MIN EM BATTERY



KEYED NOTES

- EXISTING ROOM/AREA TO REMAIN UNCHANGED.
- DISCONNECT AND REMOVE EXISTING 4-LAMP FLUORESCENT
FIXTURE (120V, 128W) - QUANTITY AS NOTED - CONNECT
NEW DOWNLIGHTS TO EXISTING CIRCUIT COMPLETE.
EXISTING CONTROLS TO REMAIN UNCHANGED.
- CONNECT NEW LOW VOLTAGE LIGHTS TO NEAREST 120V
BRANCH CIRCUIT AND CONNECT COMPLETE
- PROVIDE FULLY PROGRAMMABLE ASTRONOMIC TIMELOCK
WITH BATTERY BACK-UP AND 2-HOUR OVERRIDE FOR
CONTROL OF SANCTUARY LIGHTS FOR IECC COMPLIANCE.
PROVIDE 120, 6-POLE LIGHTING CONTACTOR AND
INTERCOOT AND RE-ROUTE SANCTUARY LIGHTING THRU
CONTACTOR. ALL TO BE MOUNTED IN FLUSH CABINET
WITH HINGED FRONT COVER.
- EXISTING LIGHTING IN THIS AREA TO REMAIN AND SHALL BE
RELOCATED AND RECONFIGURED PER ARCHITECT'S
DIRECTION TO ACCOMMODATE NEW ROOM CONFIGURATION.
COORDINATE FINAL ROOM LAY-OUT WITH ARCHITECT.
MAINTAIN EXISTING BRANCH CIRCUITING AND RECONNECT
COMPLETE. (QUANTITY OF EXISTING 4-LAMP FLUORESCENT
FIXTURES AS NOTED. EXISTING FIXTURE TO BE CLEANED
AND RE-LAMPED.)
- UTILIZE ONE 2X4 FROM DEMOLITION ARE FOR THIS ROOM
AND CONNECT TO EXISTING CIRCUITING COMPLETE.
- EXISTING STAGE LIGHTING TO REMAIN. ALL EXISTING DMX
WIRING TO REMAIN AND SHALL BE RE-USED.
- PROVIDE NEW DMX WIRING AND CONNECTION TO AV BOOTH
FOR NEW STAGE LIGHTING CONTROL CONNECTIONS.
- PROVIDE WALL SWITCH FOR MANUAL CONTROL OF THE
LIGHTING TO COMPLY WITH IECC 505.2.1 (LOWER CASE
LETTER INDICATES CONTROL ZONE)
- EXISTING SANCTUARY LIGHT SWITCHES TO REMAIN AND BE
RE-USED. RECONFIGURE CONTROLS AS SHOWN
- REMOVE AND REPLACE EXISTING CANOPY KIGHT WITH NEW
AND RECONNECT TO EXISTING CIRCUIT AND CONTROLS

GENERAL NOTES

- ALL ROOMS WITH AUTOMATIC LIGHTING CONTROLS SHALL HAVE
AT LEAST ONE MANUAL CONTROL FOR THE LIGHTING SERVING
THAT AREA IN ACCORDANCE WITH IECC 505.2.1
- PROVIDE ADDITIONAL UNSWITCHED "HOT" TO ALL FIXTURES
WITH EMERGENCY LIGHTING BATTERIES. BYPASS ALL LIGHTING
CONTROL WITH THIS WIRE.
- COORDINATE THE INSTALLATION OF ALL EXIT SIGNS SO AS TO BE
VISIBLE TO THE ROOM OCCUPANTS IN CONFORMANCE WITH IBC
1011.1

OCCUPANCY SENSORS

- WALL MOUNTED OCCUPANCY SENSOR (DUAL TECHNOLOGY, LINE
VOLTAGE)
SENSORSWITCH WSD PDT WH (OR EQUIVALENT)
- CEILING SENSOR (STANDARD RANGE, 360°, LOW VOLTAGE, DUAL
TECHNOLOGY)
SENSORSWITCH CM PDT 9 (OR EQUIVALENT)

NOTE ALL SENSORS ARE TO BE MOUNTED AT 10' AFF MAX.
ALL SENSORS SHALL BE FIELD TESTED AND THE
SENSITIVITY SHALL BE ADJUSTED FOR PROPER
OPERATION.
ALL TIME DELAYS SHALL BE SET TO MAXIMUM.

CIRCUITING AND IECC NOTE

EXISTING LIGHTING CIRCUITS TO BE RE-USED FOR THIS
WORK. A TOTAL OF 8832 WATTS OF LIGHTING IS BEING
REMOVED AND A TOTAL OF 4337 WATTS IS REMAINING
WITHIN THIS SPACE. NET TOTAL WATTAGE AND
WATTS/SF IS BEING REDUCED AS PART OF THIS SCOPE.

LIGHTING PLAN
0 4' 8' 16'
SCALE: 1/8" = 1'-0"

Kraemer Consulting Engineers, PLLC.
Mechanical and Electrical Engineers
20250 West Whispering Will Dr., Suite 100
Phoenix, Arizona 85025-2864
Designer: John Krell - Cells 602-418-5242

TRANSPORTATION & DEVELOPMENT DEPARTMENT
City of Chandler
REVIEWED FOR COMPLIANCE
WITH BUILDING CODES
MAINTAIN ON JOB SITE
Review of plans and specifications shall not be construed
as a permit for or an approval of any violation of the
provisions of the Building Inspection Division.

NEW VALLEY
CHURCH

101 EAST COMSTOCK DRIVE
CHANDLER, AZ 85225

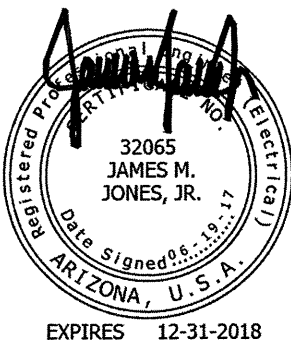
APN 302-29-070

CONSTRUCTION DOCUMENTS

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E3.0

Lighting Plan



kaiserworks

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