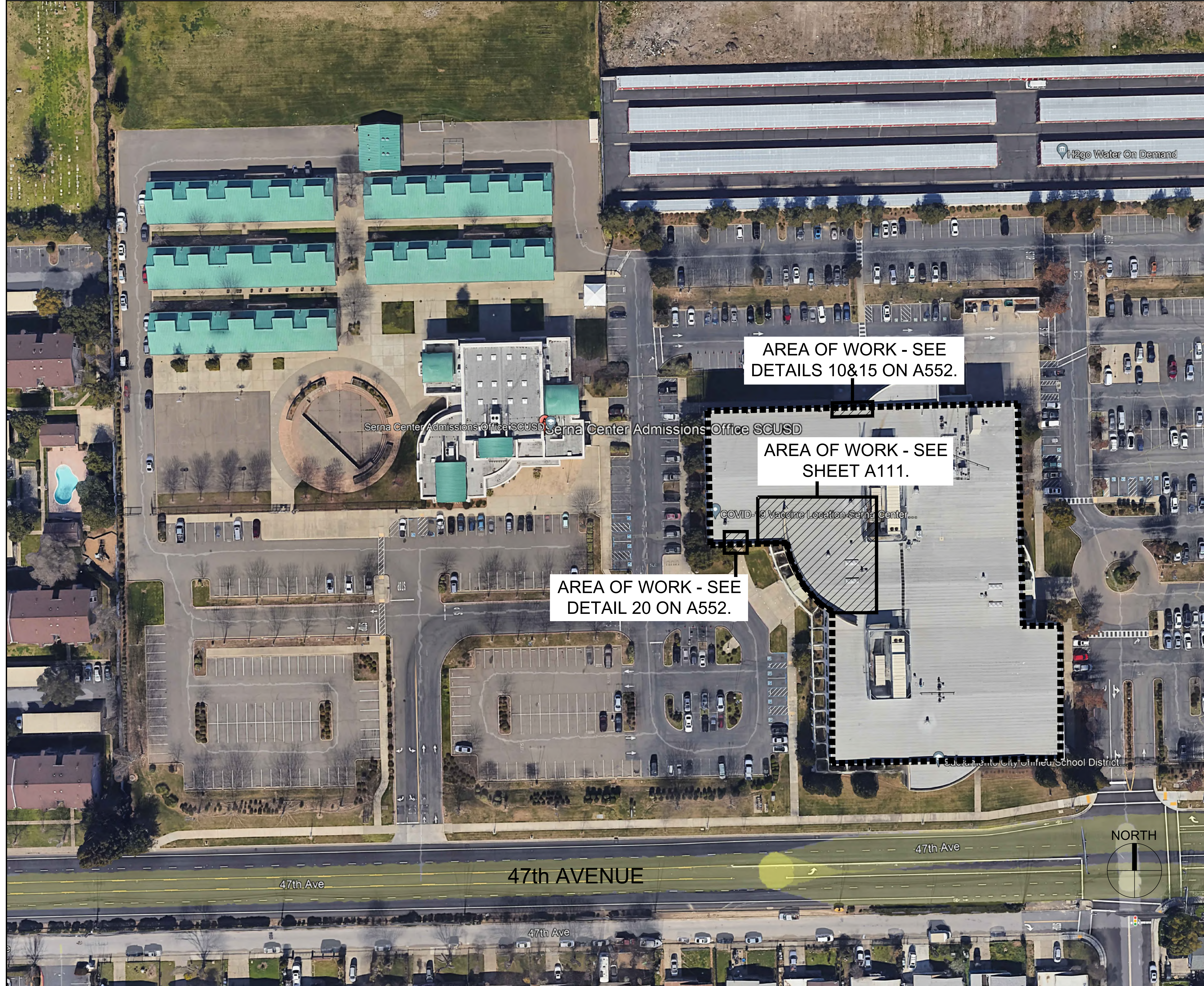


SCUSD SERNA CENTER LOBBY SECURITY UPGRADE

5735 47th AVENUE
SACRAMENTO, CA 95824

SACRAMENTO CITY UNIFIED SCHOOL DISTRICT

OVERALL SITE PLAN (NOT TO SCALE)



SHEET INDEX

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ARCHITECTURAL A111 ENLARGED FLOOR PLAN LOBBY A211D REFLECTED CEILING PLAN - DEMOLITION A211 REFLECTED CEILING PLAN - ALTERATION A552 INTERIOR ELEVATIONS AND DETAILS - LOBBY A801 T-BAR CEILING DETAILS	TELECOMMUNICATIONS T000 SECURITY COVER SHEET T200 SECURITY FLOOR PLAN
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GENERAL SCOPE OF WORK

- INSTALLATION OF INTERIOR STOREFRONT SYSTEM TO PROVIDE A SECURE LOBBY AREA.
- INSTALLATION OF STOREFRONT DOORS WITH ACCESS CONTROL SYSTEM.
- REFINISHING INTERIOR WALL AND INSTALLATION OF STAND-OFF RESIN COMPOSITE PANELS.
- REMOVAL OF EXISTING SUSPENDED T-BAR CEILING, INSTALLATION OF SUSPENDED GYP. BOARD SOFFIT, REINSTALLATION OF SUSPENDED CEILING SYSTEM.
- REWORK OF LIGHTING AND HVAC SYSTEMS IN SUSPENDED CEILING SYSTEM.
- REPLACEMENT OF EXTERIOR DOOR AT PARENT RESOURCE CENTER WITH NEW DOOR AND NEW ACCESS CONTROL.
- INSTALLATION OF NEW ACCESS CONTROL AT EXISTING EXTERIOR DOORS AT BISTRO AREA.

PROJECT TEAM

OWNER: SACRAMENTO CITY UNIFIED SCHOOL DISTRICT 425 1st AVE SACRAMENTO, CA 95818 PHONE: (916) 395-3980 CONTACT: CHRIS RALSTON	MECHANICAL/PLUMBING ENGINEER: CAPITAL ENGINEERING CONSULTANTS 11020 SUN CENTER DRIVE RANCHO CORDOVA, CA 95670 PHONE: (916) 851-3500 CONTACT: MATT BROOKS
ARCHITECT: NACHT & LEWIS ARCHITECTS 600 Q STREET, SUITE 100 SACRAMENTO, CALIFORNIA 95811 PHONE: (916) 329-4000 CONTACT: CHRIS FLATT	ELECTRICAL ENGINEER: CAPITAL ENGINEERING CONSULTANTS 11020 SUN CENTER DRIVE RANCHO CORDOVA, CA 95670 PHONE: (916) 851-3500 CONTACT: NATHAN HEARNS
STRUCTURAL ENGINEER: RW CONSULTING ENGINEERS, INC. 1450 HARBOR BLVD, SUITE F WEST SACRAMENTO, CA 95691 PHONE: (916) 229-8345 CONTACT: ROB WELDON	LOW VOLTAGE/FIRE ALARM: KMM SERVICES 5433 EI CAMINO AVE. #5 CARMICHAEL, CA 95608 PHONE: (916) 359-4000 CONTACT: CHRIS CLUFF

APPLICABLE CODES

ALL WORK SHALL CONFORM TO THE FOLLOWING AND ALL OTHER APPLICABLE CODES AND ORDINANCES:

- 2022 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24, C.C.R.
- 2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24, C.C.R.
- 2022 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24, C.C.R.
- 2022 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24, C.C.R.
- 2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24, C.C.R.
- 2022 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24, C.C.R.
- 2022 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24, C.C.R.
- 2022 CALIFORNIA GREEN CODE, PART 11, TITLE 24, C.C.R.
- 2022 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24, C.C.R.
- 2019 ELEVATOR SAFETY ORDERS, PART 8, DIVISION 1, CHAPTER 4, SUBCHAPTER 6, TITLE 24, C.C.R.
- 2022 TITLE 19 C.C.R., PUBLIC SAFETY, DIVISION 1 STATE FIRE MARSHAL REGULATIONS.
- 2022 NFPA 13, THE INSTALLATION OF AUTOMATIC SPRINKLER SYSTEMS, AS AMENDED.
- 2019 NFPA 14, INSTALLATION OF STANDPIPE, PRIVATE HYDRANT, AND HOSE SYSTEMS.
- 2019 NFPA 24, INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES.
- 2013 NFPA 25, CALIFORNIA EDITION, INSP., TEST, & MAINT. OF WATER-BASED FIRE PROT. SYSTEMS.
- 2016 NFPA 72, NATIONAL FIRE ALARM CODE, AS AMENDED.
- 2019 NFPA 20, INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION.

CONTRACTOR SHALL COMPLY WITH CFC CHAPTER 33 - FIRE SAFETY DURING DEMOLITION & CONSTRUCTION.

GENERAL NOTES

1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AT THE SITE AND SHALL REPORT ANY DISCREPANCIES IN WRITING TO THE DISTRICT REPRESENTATIVE BY THE MEANS OF AN REQUEST FOR INFORMATION (RFI) OR AS PART OF THE APPLICABLE SHOP DRAWING/SUBMITTAL.
2. SPECIFIC ITEMS NOTED TO BE VERIFIED OR FIELD VERIFIED ARE REQUIRED TO BE VERIFIED PRIOR TO ORDERING MATERIALS OR PROCEEDING WITH THE WORK.
3. CONTRACTOR IS RESPONSIBLE FOR ALL INCIDENTAL WORK NECESSARY TO COMPLETE THE INSTALLATION OF NEW WORK. THIS INCLUDES, BUT IS NOT LIMITED TO, THE REMOVAL AND/OR REINSTALLATION OR ALL EXISTING ITEMS, OF PORTIONS OF THE EXISTING CONSTRUCTION WHETHER SHOWN OR NOT.
4. ALL WORK, MATERIALS, METHODS, ETC. SHALL CONFORM TO ALL GOVERNING BUILDING CODES AND REGULATIONS.
5. ANY CONFLICT BETWEEN THESE PLANS AND EXISTING CONDITIONS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT.
6. ALL WORK SHALL BE IN COMPLETE CONFORMANCE WITH MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS OR AS OTHERWISE OUTLINED IN THE SPECIFICATIONS.
7. USE OF ANY NEW MATERIALS CONTAINING LEAD OR ASBESTOS IS PROHIBITED.
8. DETAILS, MATERIALS AND SCOPE OF WORK SHALL BE CONSIDERED TYPICAL FOR ALL SIMILAR CONDITIONS UNLESS SPECIFICALLY NOTED OTHERWISE.
9. THE TERM "TYPICAL" OR "TYP." SHALL BE CONSTRUED TO MEAN APPLYING TO ALL LIKE OR SIMILAR CONDITIONS IN THE AREAS DESIGNATED FOR WORK SCOPE.

AGENCY APPROVAL

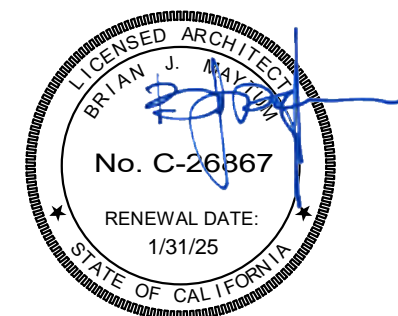
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ARCHITECT

BID PACKAGE

REVISIONS

NO.	DESCRIPTION	DATE

DATE: 04/23/2024

JOB NO.: Y2344.00

SHEET TITLE

COVER SHEET

SHEET NO.

G000

ONE AND ONE-HALF INCH = ONE FOOT
ONE INCH = ONE FOOT
THREE-QUARTERS INCH = ONE FOOT
ONE-HALF INCH = ONE FOOT
ONE-QUARTER INCH = ONE FOOT
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ONE-SIXTEENTH INCH = ONE FOOT
ONE INCH = TWENTY FEET

DOOR NUMBER	DOOR SIZE	DOOR MATERIAL	DOOR FINISH	FRAME MATERIAL	FRAME FINISH	HARDWARE GROUP (SEE SPECS)	SIGNAGE	DETAIL
D01	(N) PR. 3'-6" X 8'-10"	ALUM.	FACTORY FINISH	(N) ALUM.	FACTORY FINISH	01	S1 & S3C	27/A552
D02	(N) PR. 3'-6" X 8'-10"	ALUM.	FACTORY FINISH	(N) ALUM.	FACTORY FINISH	01	S1 & S3C	27/A552
D08	(N) 3'-0" X 8'-0"	ALUM.	FACTORY FINISH	(E) ALUM.	FACTORY	02	N/A	N/A
(E) D09	(E) PR. 3'-0" X 8'-0"	(E) ALUM.	FACTORY FINISH	(E) ALUM.	(E) FINISH	03	N/A	N/A
(E) D10	(E) 3'-0" X 8'-0"	(E) ALUM.	FACTORY FINISH	(E) ALUM.	(E) FINISH	04	N/A	N/A

30 DOOR SCHEDULE
SCALE: N.T.S.

GENERAL SHEET NOTES:

THESE SHEET NOTES APPLY TO THIS SHEET ONLY.

- PROTECT EXISTING FLOORING DURING CONTRACT WORK. PROVIDE FLOOR PROTECTION MATS OVER ALL CARPETED/TILED AREAS LOCATED IN AND AROUND AREA OF WORK. TAPE ALL SEAMS. PERFORM FINAL CLEANING ONCE WORK IS COMPLETE.
- EXISTING CERAMIC TILE AND CARPET TO REMAIN UNDER NEW STOREFRONT SYSTEM. PROVIDE NECESSARY SPACER AT CARPET AREA TO ASSIST WITH SILL ALIGNMENT OVER CERAMIC TILE.

KEYNOTES:

NOT ALL KEYNOTES APPLY TO THIS SHEET.

- REMOVE EXISTING SURFACE APPLIED WALL FINISH. EXISTING PORCELAIN WALL TILE TO REMAIN IN PLACE.
- REMOVE WOOD CHAIR RAIL.
- CAREFULLY NOTCH EXISTING RECEPTION COUNTERTOP AS REQUIRED TO FIT STEEL POST AS CLOSE AS POSSIBLE.
- CAREFULLY NOTCH EXISTING WOOD CAP AT PARTIAL HEIGHT WALL AS REQUIRED TO INSTALL NEW FULL HEIGHT STOREFRONT TIGHT TO FACE OF PARTIAL HEIGHT WALL.

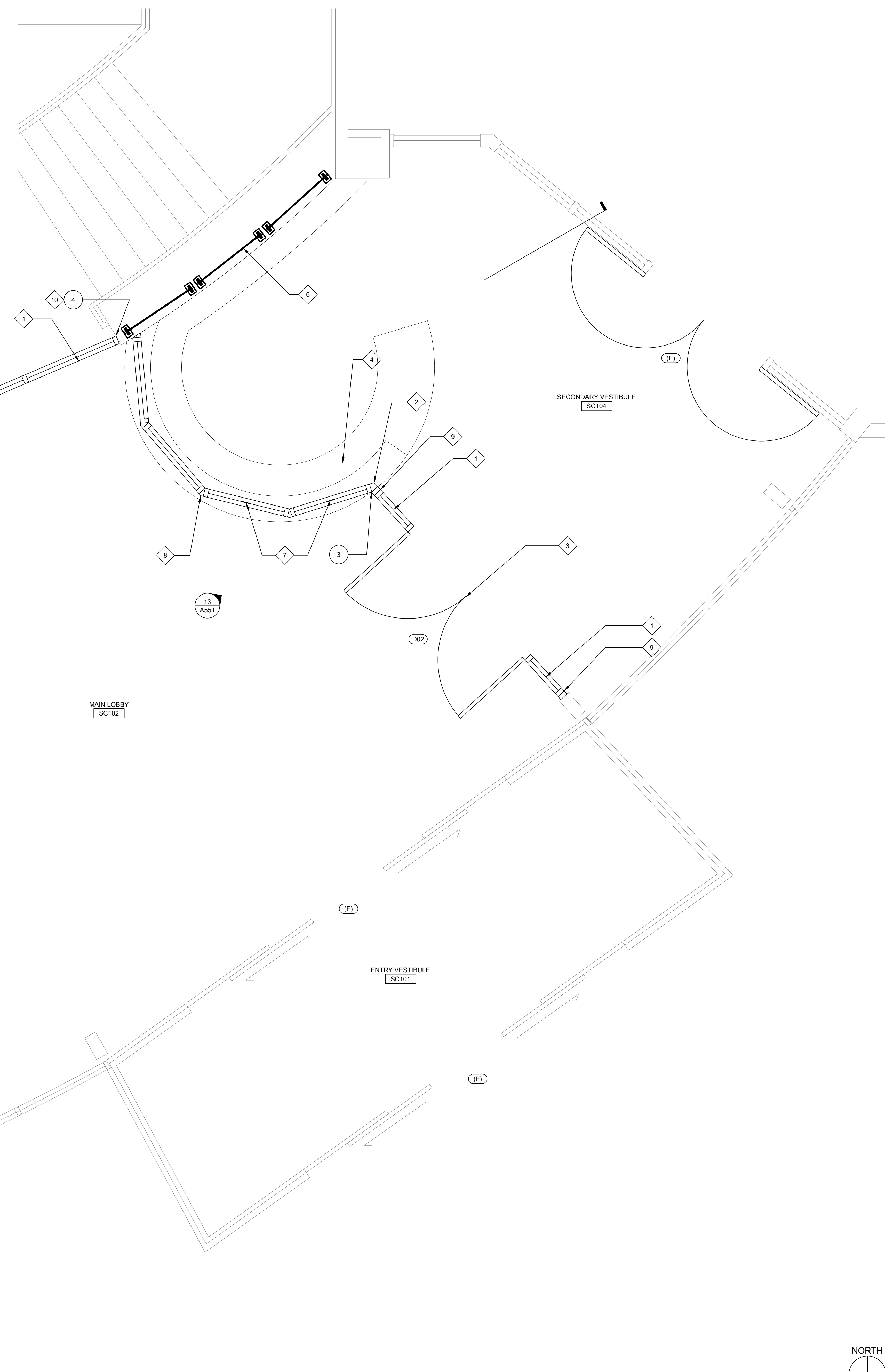
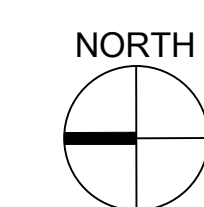
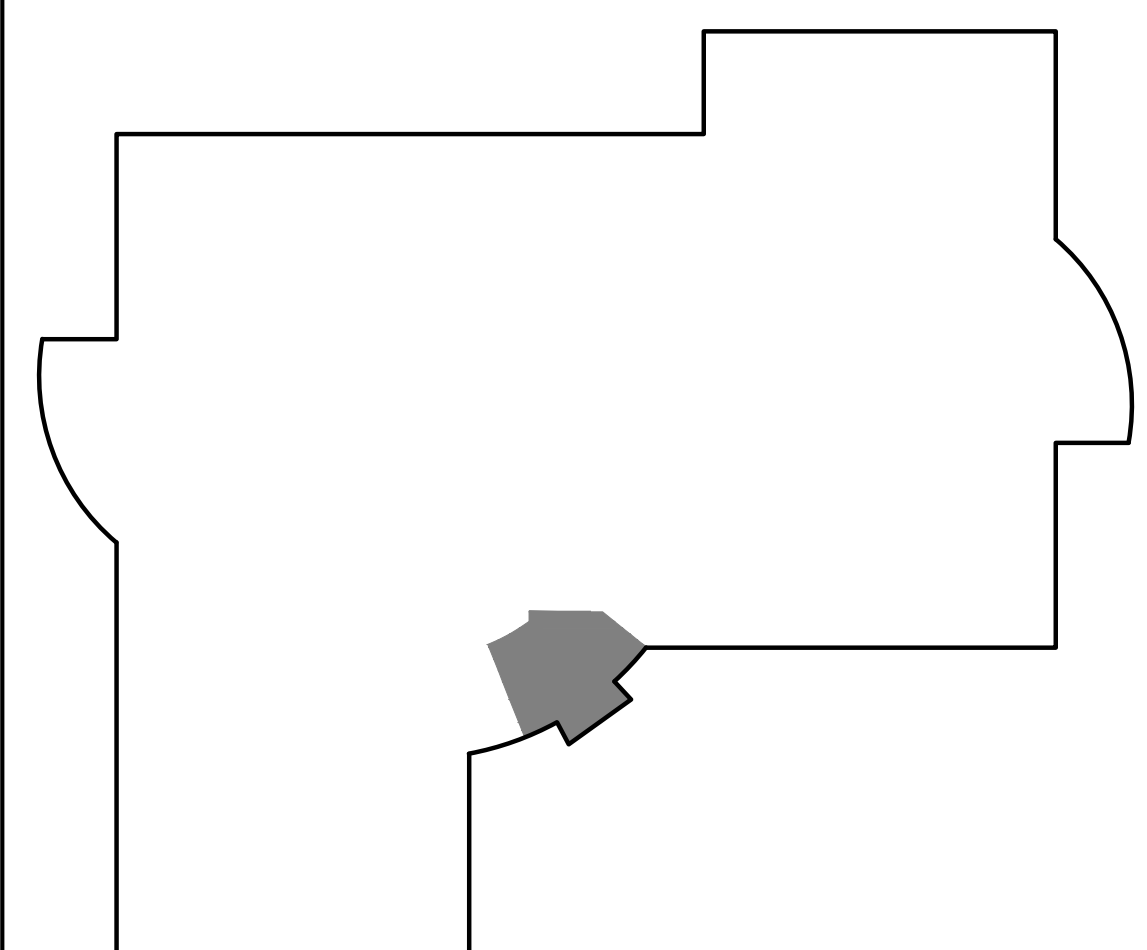
KEYNOTES:

NOT ALL KEYNOTES APPLY TO THIS SHEET.

- NEW INTERIOR STOREFRONT SYSTEM.
- NEW SECURITY GLAZING SYSTEM MOUNTED ON TOP OF EXISTING RECEPTION DESK. EXTEND AND ATTACH TO NEW GYP BOARD SOFFIT ABOVE. PROVIDE BLOCKING/BACKING IN SOFFIT FOR ANCHORAGE.
- NEW INTERIOR STOREFRONT DOORS WITH ACCESS CONTROL HARDWARE.
- NEW ACCESS CONTROL CONTROLLER AT EXISTING RECEPTION DESK. PROVIDE TWO NEW CORED HOLES AND GROMMETS FOR NEW WIRING. LOCATION TO BE DETERMINED DURING CONSTRUCTION.
- FILL ALL HOLES IN EXISTING WALL. FLOAT WALL TO LEVEL 5 FINISH. PRIME AND PAINT. INSTALL NEW RESIN COMPOSITE PANEL SYSTEM AS SHOWN IN INTERIOR ELEVATIONS.
- At top of partial height wall, install cantilevered partition system by 3Form. System shall be the Iltuo Cantilever with Varia panels or approved equal. Provide all necessary trim, rails, base plates, 3/8 inch thick Varia panels, etc. for a complete system. System shall be anchored to top of existing partial height wall and shall extend vertically to close gap from stair intermediate landing to lower ground level. Provide quantity and size as shown.
- PROVIDE 4" HIGH PASSTHRU SPACE AT THESE LOCATIONS. PROVIDE SPEAK-THRU AT GLASS PANEL.
- PROVIDE ADJUSTABLE VERTICAL CORNER. SEE DETAIL 27/A552.
- PROVIDE DOUBLE WIDE ALUMINUM POST AT THIS END.
- PROVIDE METAL BREAK SHAPE CLOSURE PANEL AT NON-PERPENDICULAR CONNECTION OF STOREFRONT TO WALL.

LEGEND:

KEY PLAN



ONE AND ONE-HALF INCH = ONE FOOT
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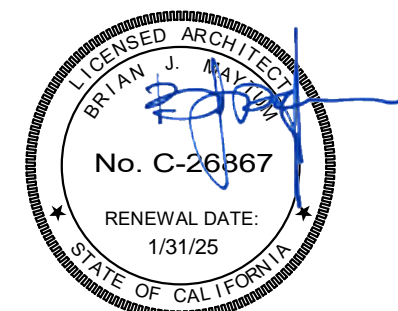
26 ENLARGED FLOOR PLAN - LOBBY
SCALE: 1/2" = 1'-0"

AGENCY APPROVAL

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ARCHITECT

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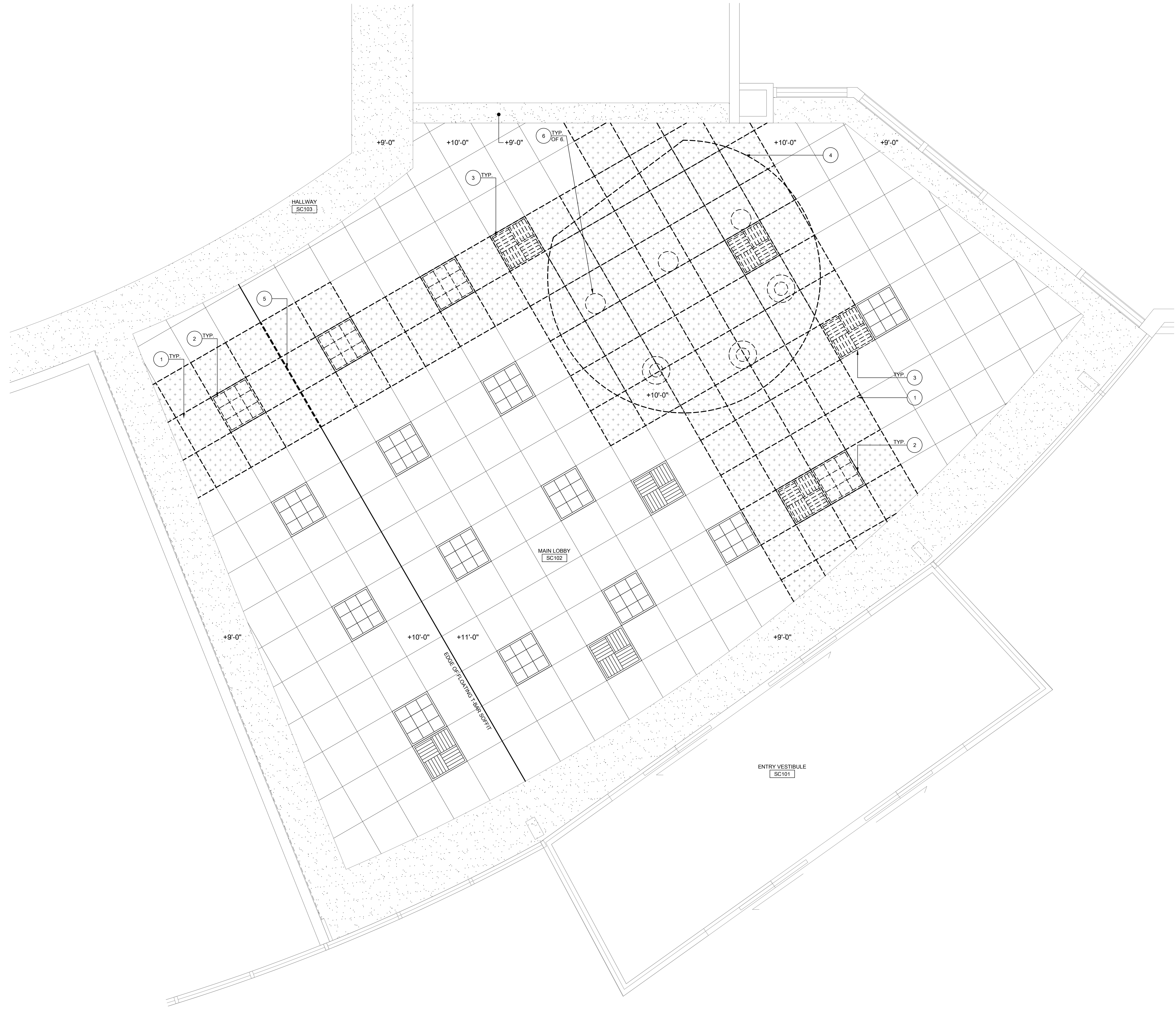
SHEET TITLE

ENLARGED FLOOR PLAN
LOBBY

SHEET NO.

A111

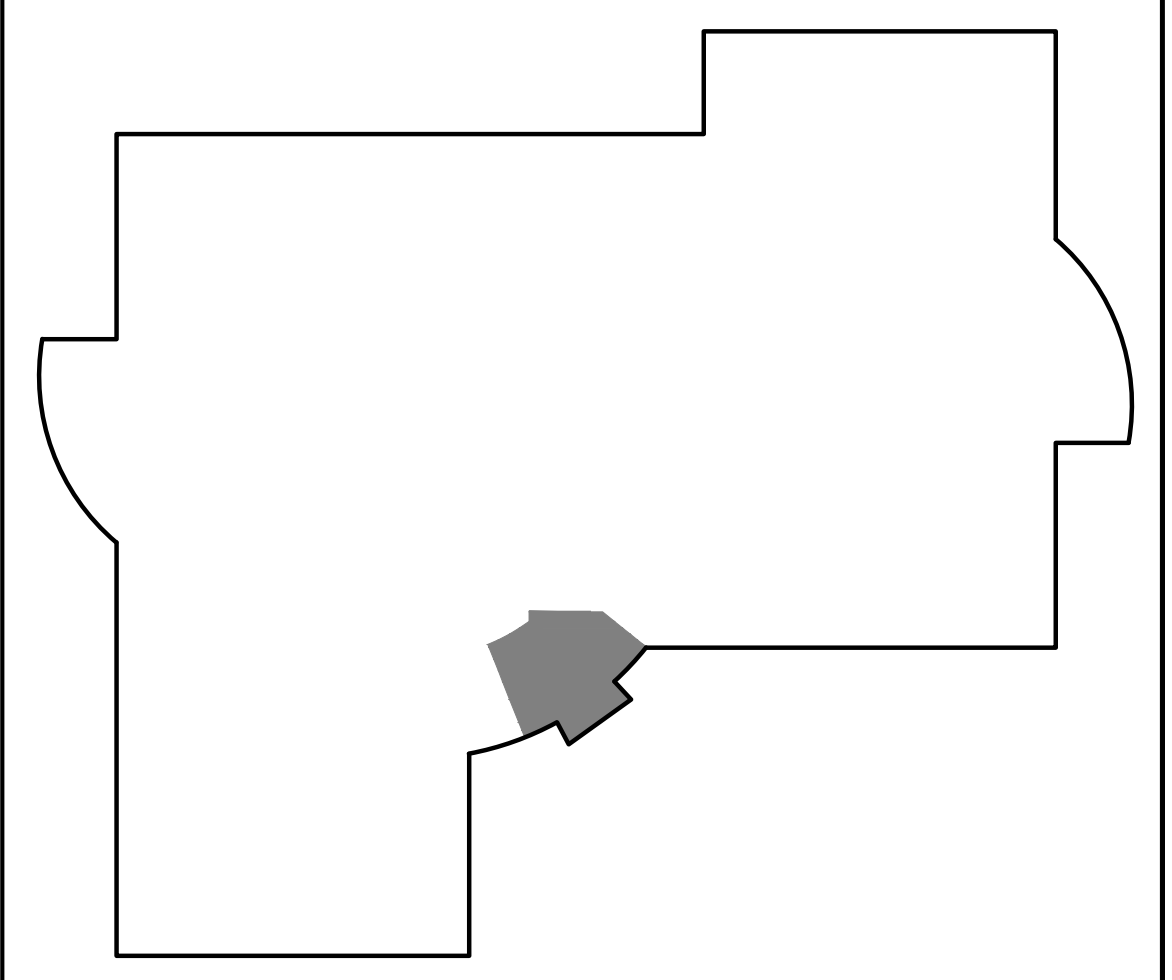
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GENERAL SHEET NOTES:
 THESE SHEET NOTES APPLY TO THIS SHEET ONLY.
 1. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL SCOPE.

- KEYNOTES:**
 NOT ALL KEYNOTES APPLY TO THIS SHEET.
- 1 REMOVE EXISTING T-BAR SYSTEM AND GRID.
 - 2 REMOVE EXISTING LIGHT.
 - 3 REMOVE MECHANICAL GRILL AND FLEX DUCTING.
 - 4 DEMO FLOATING T-BAR CLOUD.
 - 5 DEMO PORTION OF FLOATING T-BAR SOFFIT SYSTEM.
 - 6 DEMO PENDANT LIGHTS HUNG FROM FLOATING T-BAR CLOUD.

KEY PLAN



26 REFLECTED CEILING PLAN - LOBBY
 SCALE: 1/2" = 1'-0"

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 REFLECTED CEILING PLAN
 LOBBY

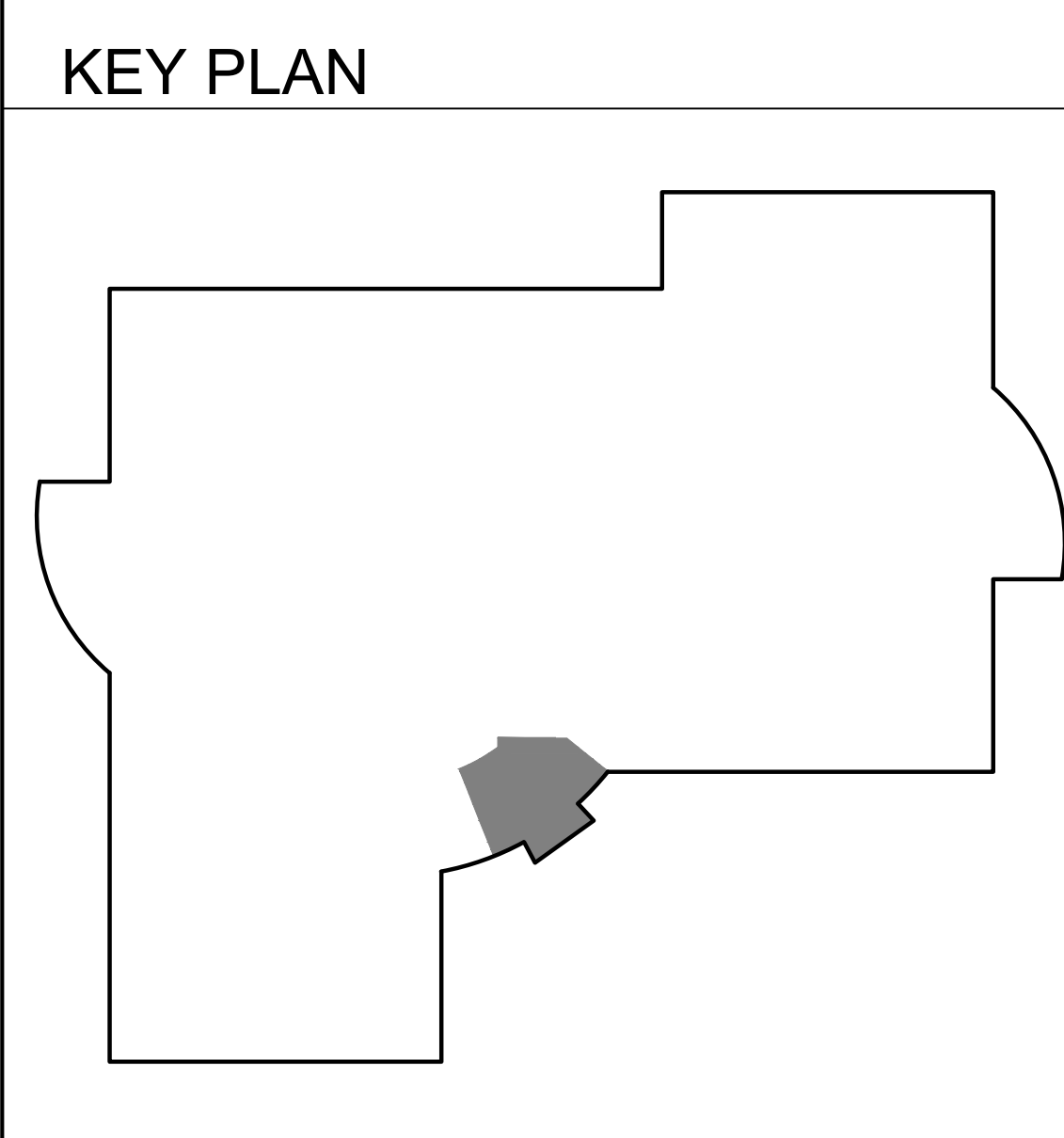
SHEET NO.
 A211D

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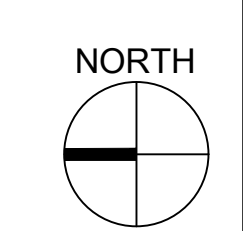


GENERAL SHEET NOTES:
 THESE SHEET NOTES APPLY TO THIS SHEET ONLY.
 1. PAINT ALL GYP. BOARD SOFFITS IN LOBBY AREA.
 2. SEE DETAIL 27/A552 FOR TYPICAL STOREFRONT DETAILS.
 3. SEE SHEET A801 FOR TYPICAL T-BAR DETAILS.

KEYNOTES:
 NOT ALL KEYNOTES APPLY TO THIS SHEET.
 1. NEW RECESSED LIGHT.
 2. NEW MECHANICAL REGISTER AND FLEX DUCT.
 3. NEW T-BAR GRID AND ACOUSTIC TILES.
 4. NEW GYP. BOARD WRAPPED SOFFIT. ALIGN WITH EXISTING SOFFIT AT +9'-0". GYP BOARD SHALL EXTEND A MINIMUM OF 6" ABOVE LINE OF T-BAR.
 5. NEW SUSPENDED GYP BOARD SOFFIT. EXTEND ALL SPRINKLERS, LIGHT WHIPS, DUCTWORK AS REQUIRED. GYP BOARD SHALL EXTEND A MINIMUM OF 6" ABOVE LINE OF T-BAR.
 6. NEW STOREFRONT SYSTEM TO UNDERSIDE OF NEW SOFFIT.
 7. NEW SUSPENDED CEILING FLOATING SOFFIT TRIM.
 8. EXISTING PENDANT LIGHT FIXTURE TO BE REINSTALLED.



26 REFLECTED CEILING PLAN - LOBBY
 SCALE: 1/2" = 1'-0"



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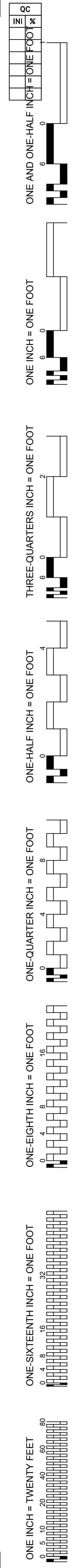
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 SHEET TITLE
 REFLECTED CEILING PLAN
 LOBBY

SHEET NO.
 A211



GENERAL NOTES:

1. MOUNTING HEIGHT IS TO THE CENTER OF EQUIPMENT. U.O.N. MOUNTING HEIGHTS OF SUSPENDED LIGHT FIXTURES ARE TO THE BOTTOM OF THE FIXTURE. U.O.N.
2. RECEPTACLES AND DEVICES INSTALLED ABOVE COUNTER SHALL HAVE THE BOTTOM OF COVER PLATE AT APPROX 2-INCHES ABOVE COUNTER OR BACKSPASH.
3. CAP ALL EMPTY CONDUITS FOR FUTURE USE WATERTIGHT WITH MANUFACTURERS END CAP, WITH PULL STRING ATTACHED.
4. SEAL ALL EXTERIOR WALL PENETRATIONS WATERTIGHT WITH SILICONE GROUT.
5. SEAL ALL WALL AND CEILING PENETRATIONS WITH GROUT. WHERE CONDUITS PENETRATE FIRE RATED BARRIERS, SEAL PENETRATIONS WITH FIRE RATED COMPOUND TO MATCH OR EXCEED BARRIER RATING.
6. PENETRATIONS OF FIRE RATED ASSEMBLIES SHALL BE SEALED AS REQUIRED BY CBC.
7. ALL CONDUITS AND BOXES ON THE EXTERIOR SHALL BE PAINTED TO MATCH THE ADJACENT FINISH.
8. WHERE FIRE RATED CONSTRUCTION IS REQUIRED (REFER TO ARCHITECTURAL DRAWINGS), DO NOT LOCATE ELECTRICAL OUTLET BOXES BACK-TO-BACK. PROVIDE MINIMUM 24" HORIZONTAL SEPARATION BETWEEN OUTLET BOXES PER CBC.
9. FIRE STOPPING SHALL BE PROVIDED WHERE PENETRATING ITEMS PASS ENTIRELY THROUGH BOTH PENETRATIVE MEMBRANES OF BEARING WALLS REQUIRED TO HAVE A FIRE-RESISTIVE RATING AND WALLS REQUIRING PROTECTED OPENINGS. FIRE STOPPING SHALL ALSO BE PROVIDED AT PENETRATIONS OF FIRE RESISTIVE FLOORS AND FLOORS WHICH ARE PART OF A CEILING-FLOOR ASSEMBLY. FIRE-STOPPING SHALL HAVE AN "F" AND/OR "T" RATING AS DETERMINED BY TESTS CONDUCTED IN ACCORDANCE WITH CBC STD. 454.
10. JUNCTION BOXES, CABINETS, EQUIPMENT ENCLOSURES, SWITCHES, PANELS, ETC. INSTALLED OUTDOORS, OR IN WET OR DAMP LOCATIONS, SHALL BE RATED NEMA-3R FOR OUTDOOR ENVIRONMENTS. PROVIDE MINIMUM 1/4" AIR GAP BETWEEN ENCLOSURE AND WALL SURFACE. PROVIDE GALVANIZED METAL CHANNELS FOR MOUNTING ENCLOSURE ONTO WALL AS REQUIRED.
11. ALL BOXES FOR LIGHT SWITCHES SHALL HAVE CIRCUIT ID HANDWRITTEN (WITH PERMANENT FELT PEN) ON THE BACK INSIDE OF THE BOX.
12. ALL RECEPTACLES SHALL HAVE CIRCUIT ID ON THE COVERPLATE. USE TYPEWRITTEN "CLEAR TAPE". CLEAN SURFACE BEFORE ADHESIVE TAPE IS APPLIED. SAMPLE, "HA-11". WRAP AROUND SIDES OF PLATE TO MITIGATE PEELING.
13. ALL WIRING SHALL BE IN CONDUIT. ALL CIRCUITS SHALL BE CONCEALED EXCEPT THAT ON EXISTING SURFACE AND IN DRY LOCATIONS WHERE NECESSARY AND ACCEPTABLE TO THE ARCHITECT. SURFACE METAL RACEWAY (SMR) CAN BE USED. WIREMOLD OR EQUAL. 1/2" CONDUIT WITH #12 AND LESS WIRES SHALL CORRESPOND TO A V500 RACEWAY, OTHERWISE USE V700 FOR MORE THAN #12 3/4" CONDUIT. 1" CONDUIT SHALL CORRESPOND TO A V2000. 1-1/4" CONDUIT SHALL CORRESPOND TO A V2400BC. SMR SHALL BE IVORY COLOR AND SHALL BE SECURED TO SURFACES WITH 2 HOLE STRAPS. PROVIDE ALL FITTINGS, ADAPTERS, COUPLINGS, BOXES, ETC. AS REQUIRED FOR A COMPLETE SYSTEM. PROVIDE MATCHING SURFACE OUTLET BOX. PAINT TO MATCH ADJACENT FINISH.
14. DEVICE AND EQUIPMENT HEIGHTS SHALL BE COORDINATED WITH ARCHITECTURAL PLANS AND ELEVATIONS. CONFLICTS SHALL BE ADDRESSED TO THE ARCHITECT PRIOR TO ROUGH-IN.

EXISTING CONDITIONS:

1. DEVICES / EQUIPMENT AND CIRCUITING SHOWN AS EXISTING AND/OR EXISTING TO BE REMOVED ARE BASED ON REVIEW OF EXISTING AVAILABLE DOCUMENTS AND VISUAL FIELD VERIFICATION. SUCH INFORMATION MAY NOT BE ACCURATE. PRIOR TO DEMOLITION AND CONSTRUCTION, CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS TO DETERMINE ACCURACY. WHERE EXISTING CONDITIONS DO NOT REFLECT THE INFORMATION SHOWN ON THE PLANS, AND WHERE CONTRACTOR'S INVESTIGATION CANNOT DETERMINE THE PROPER ADJUSTMENTS NEEDED TO MEET THE INTENT OF THE DESIGN, CONTRACTOR SHALL INFORM ARCHITECT.
2. EXISTING CIRCUITS AND HOMERUNS WERE BASED ON EXISTING DOCUMENTS.
3. REVISE EXISTING PANEL SCHEDULES TO REFLECT THE NEWLY CONNECTED LOADS AND SPARE CIRCUITS.
4. DO NOT REUSE ANY REMOVED MATERIALS SUCH AS CONDUIT, WIRE, BOXES, FITTINGS, ETC.

DEMOLITION NOTES:

1. ELECTRICAL EQUIPMENT AND DEVICES INDICATED TO BE REMOVED SHALL BE REMOVED INCLUDING OUTLET BOX, CONDUIT, AND WIRES. MAINTAIN CIRCUIT CONTINUITY TO EXISTING DEVICES. BOXES AND CONDUITS MAY BE ABANDONED WHERE CONCEALED IN WALLS OR CONCEALED ABOVE CEILINGS WHERE SUCH AREAS ARE NOT A PART OF THE OVERALL DEMOLITION OR NEW CONSTRUCTION. ALL WIRING IN ABANDONED CONDUITS AND BOXES SHALL BE REMOVED. ABANDONED BOXES IN WALLS SHALL BE PERMANENTLY COVERED OVER.
2. ELECTRICAL EQUIPMENT AND DEVICES INDICATED TO REMAIN SHALL REMAIN WITH CIRCUIT CONTINUITY MAINTAINED. FOR EQUIPMENT THAT FEEDS OTHER DEVICES/EQUIPMENT, MAINTAIN CIRCUIT CONTINUITY TO ALL SUCH DEVICES/EQUIPMENT THAT IT FEEDS THAT ARE TO REMAIN (NOT REMOVED).
3. ONCE REMOVED, EQUIPMENT, DEVICES, CONDUIT, WIRING, BOXES, ETC. SHALL NOT BE REUSED UNLESS SPECIFICALLY NOTED TO BE RELOCATED.

ABBREVIATIONS AND DESIGNATIONS

- (D) DEMOLITION, DEMOLISH
- (E) EXISTING.
- FACP FIRE ALARM CONTROL PANEL.
- GFCI GROUND FAULT CIRCUIT INTERRUPTER.
- GFI GROUND FAULT INTERRUPTER.
- GND GROUND.
- LED LIGHT EMITTING DIODE.
- MT EMPTY CONDUIT WITH PULL CORD.
- MTC CONDUIT WITH WIRING AS INDICATED OR AS REQUIRED.
- (N) NEW.
- NA NOT APPLICABLE.
- NIC NOT IN CONTRACT.
- NIES NOT IN ELECTRICAL SECTION OF THESE PLANS & SPECIFICATIONS.
- OS OCCUPANCY SENSOR.
- PB PULL BOX.
- PNL PANEL.
- SWBD SWITCHBOARD.
- TBB TELEPHONE BACKBOARD.
- UG UNDERGROUND
- UON UNLESS OTHERWISE NOTED.
- UPS UNINTERRUPTABLE POWER SUPPLY.
- XMFR TRANSFORMER.

ELECTRICAL SYMBOLS LIST

- EXISTING LIGHT FIXTURES TO BE REMOVED.
- EXISTING EXIT LIGHT TO BE REMOVED.
- EXISTING EMERGENCY LIGHTING FIXTURE TO BE REMOVED.
- EXISTING SWITCHES TO BE REMOVED.
- L.E.D. LIGHTING FIXTURE - RECESSED.
- EXIT LIGHT FIXTURE, CONNECTED AHEAD OF LIGHT SWITCH, PROVIDE DIRECTION ARROWS WHERE INDICATED.
- SINGLE POLE TOGGLE SWITCH, +45°.
- KEYED SWITCH +45°.
- MOMENTARY CONTACT SWITCH, +45°.
- SWITCH SUBSCRIPTS - a= DEVICE CONTROLLED, k= KEY, p= PILOT LIGHT.
- WALL MOUNTED SINGLE CIRCUIT MOTION SENSOR SWITCH, +45°.
- DIMMER SWITCH, SLIDE TYPE SIZE AS REQUIRED, +45°.
- FUSED DISCONNECT SWITCH, SIZE AND TYPE AS REQUIRED, PROVIDE FUSES AS RECOMMENDED BY EQUIPMENT MANUFACTURER.
- LIGHTING CONTROL SWITCH, +45°. SEE WIRING DIAGRAM A/E5.1.6.
- CEILING MOUNTED OCCUPANCY SENSOR SWITCH. SEE WIRING DIAGRAM A/E5.1.6.
- FLEX CONDUIT MUST ALLOW 6" OF MOVEMENT IN ANY HORIZONTAL DIRECTION.
- CONDUIT CONCEALED BELOW FLOOR OR GRADE.
- CONDUIT CONCEALED IN CEILING OR WALL.
- HOMERUN TO RESPECTIVE PANEL OR TERMINAL.
- INDICATES #12 (GREEN) GROUND WIRE, OTHER SIZES AS INDICATED.
- INDICATES END OF CIRCUIT INDICATED.
- EXISTING CONDUIT RUN TO REMAIN "AS-IS".
- EXISTING CONDUIT RUN TO BE REMOVED OR ABANDONED. REMOVE JUNCTION BOXES, PULL-BOXES, TERMINAL CABINETS, ETC.
- NOTE:** BRANCH CIRCUIT WITHOUT FURTHER DESIGNATION IS A 2#12 WIRE CIRCUIT. FOR MORE THAN 2#12 WIRES AS FOLLOWS: 3#12, 4#12, ETC. FOR OTHER SIZES AS FOLLOWS: 3#10, 4#6, ETC.
- NUMBER CONSTRUCTION NOTES SPECIFIC TO THE SHEET.
- PULL BOX, SIZE AS REQUIRED.
- JUNCTION BOXES, SIZE & TYPE AS REQUIRED.
- 15 AMP DUPLEX RECEPTACLE, +18°.
- SPECIAL PURPOSE RECEPTACLE: "XX-XX" DENOTES NEMA CONFIGURATION.
- PANELBOARD - SEE PANEL SCHEDULE ON SHEET E8.2.1 & E8.2.2.
- TERMINAL CABINET SEE PLAN FOR TYPE.
- TRANSFORMER, FOR SIZE & TYPE SEE SCHEDULE, SHEET E4.1.2.

TAG	DESCRIPTION	MANUFACTURER	COLOR TEMP	LAMPS	WATTS	MOUNTING	NOTES
M	INDIRECT, RECESSED HALF ARC, 25'-6" CONTINUOUS	ALUZ A2-ZELO-HAR-HC-35K-4W-DRY-UVV-25"	3500K	LED	4W/FT 102W	RECESSED	1

NOTES:

1. CONFIRM EXACT MODEL NUMBER AND ALL MOUNTING HARDWARE REQUIRED FOR INSTALLATION SPECIFIED PRIOR TO ORDERING
2. VERIFY FINISH WITH ARCHITECT

GENERAL NOTES:

- A. THIS LIGHTING SCHEDULE IS NOT COMPLETE WITHOUT A COPY OF THE PROJECT MANUAL CONTAINING ELECTRICAL SPECIFICATIONS.
- B. SPECIFIED MANUFACTURERS ARE APPROVED TO SUBMIT BID. INCLUSION DOES NOT RELIEVE MANUFACTURER FROM SUPPLYING PRODUCT AS DESCRIBED.
- C. PROVIDE SUBMITTALS THAT INCLUDE LIGHTING FIXTURE, LED, AND DRIVER INFORMATION FOR EACH FIXTURE, WITH APPLICABLE OPTIONS CLEARLY CHECKED OR HIGHLIGHTED. SUBMITTALS NOT INCLUDING THIS INFORMATION WILL BE RETURNED AS REJECTED BY THE ENGINEER OF RECORD.
- D. PROVIDE COMMISSIONING OF THE LIGHTING AND LIGHTING CONTROLS IN ACCORDANCE WITH CALIFORNIA TITLE 24 COMMISSIONING REQUIREMENTS.

AGENCY APPROVAL

SCUSD SERNA CENTER
LOBBY SECURITY UPGRADE

5735 47th Avenue
Sacramento, CA 95824

SACRAMENTO CITY UNIFIED SCHOOL DISTRICT

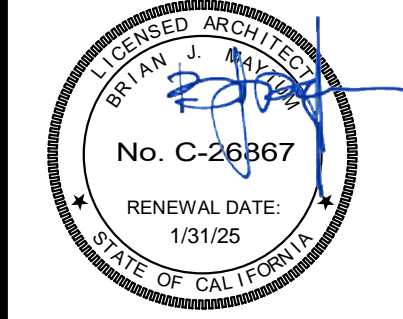


Date Signed: XX/XX/XX



CONSULTANT

nacht&lewis
600 Q Street, Suite 100
Sacramento, CA 95811
www.nachtlewis.com
916.329.4000



ARCHITECT

PRO.BID PACKAGE ICY #

NO.	DESCRIPTION	DATE

DATE: 04/23/2024
JOB NO.: Y2344.00
SHEET TITLE

ELECTRICAL
LEGEND & NOTES

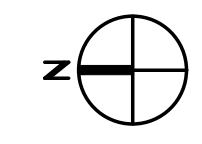
SHEET NO.

E001

ONE INCH = TWENTY FEET
 0 5 10 20 40 60 80
 ONE-SIXTEENTH INCH = ONE FOOT
 0 4 8 12 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80 84 88 92 96 100
 ONE-EIGHTH INCH = ONE FOOT
 0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100
 ONE-QUARTER INCH = ONE FOOT
 0 4 8 12 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80 84 88 92 96 100
 ONE-HALF INCH = ONE FOOT
 0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100
 THREE-QUARTERS INCH = ONE FOOT
 0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100
 ONE INCH = ONE FOOT
 0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100
 ONE AND ONE-HALF INCH = ONE FOOT
 0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100

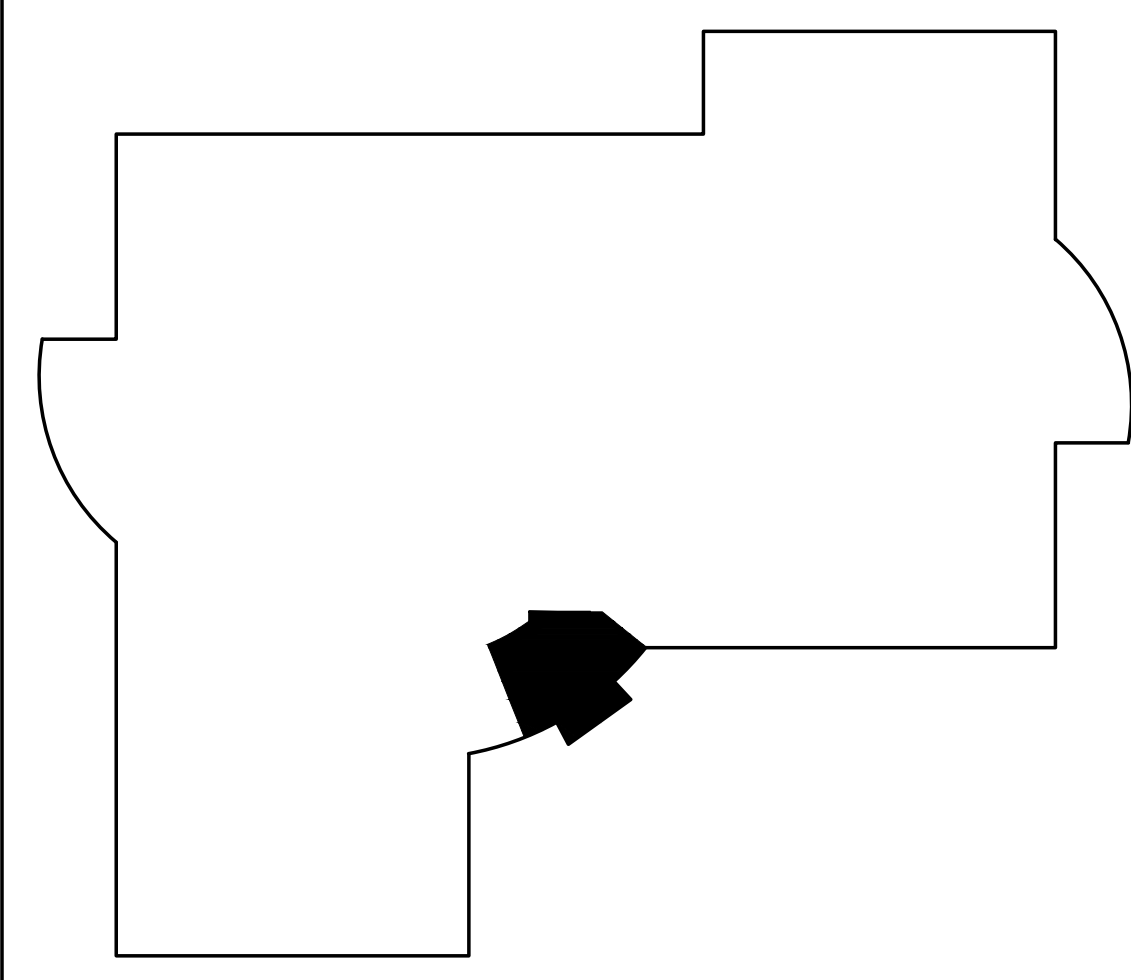


LIGHTING - ENLARGED FLOOR PLAN - LOBBY 1
 SCALE : 1/2" = 1'-0" E212



- KEY NOTES:**
- ① (E) LIGHT FIXTURE REINSTALLED AT LOCATION SHOWN. MAINTAIN EXISTING CIRCUITRY AND CONTROLS. EXTEND EXISTING CONDUIT AND WIRING AS REQUIRED. FIELD VERIFY ALL REQUIREMENTS INCLUDING WIRE SIZE.
 - ② (E) LIGHT FIXTURE WITH EMERGENCY BATTERY PACK REINSTALLED AT LOCATION SHOWN. EXTEND EXISTING CONDUIT AND WIRING AS REQUIRED. FIELD VERIFY ALL REQUIREMENTS INCLUDING WIRE SIZE. MAINTAIN "NIGHTLIGHT" FUNCTIONALITY.
 - ③ (E) LIGHT SWITCHES TO REMAIN. EXTEND EXISTING CONDUIT AND WIRING AS REQUIRED. FIELD VERIFY ALL REQUIREMENTS INCLUDING WIRE SIZE.
 - ④ (N) CONTINUOUS LINEAR LIGHTING ALONG TOP OF WALL. REFER TO LIGHT FIXTURE SCHEDULE TYPE "M". TIE INTO EXISTING CIRCUITRY AND CONTROL AS SHOWN. EXTEND 2 #12, #12G, 3/4" C AS REQUIRED.
 - ⑤ PROVIDE FLUSH MOUNTED J-BOX AND BLOCKING AS REQUIRED TO REINSTALL (E) LIGHT FIXTURE INTO GYP BOARD SOFFIT.

KEY PLAN



AGENCY APPROVAL

**SCUSD SERNA CENTER
 LOBBY SECURITY UPGRADE**

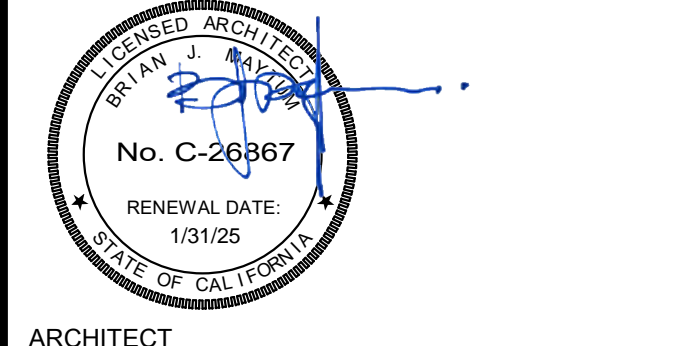
5735 47th Avenue
 Sacramento, CA 95824

SACRAMENTO CITY UNIFIED SCHOOL DISTRICT



CONSULTANT

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 Sacramento, CA 95811
 www.nachtlewis.com
 916.329.4000



ARCHITECT

PRO. BID PACKAGE ICY #

REVISIONS		
NO.	DESCRIPTION	DATE

DATE: 04/23/2024
 JOB NO.: Y2344.00
 SHEET TITLE

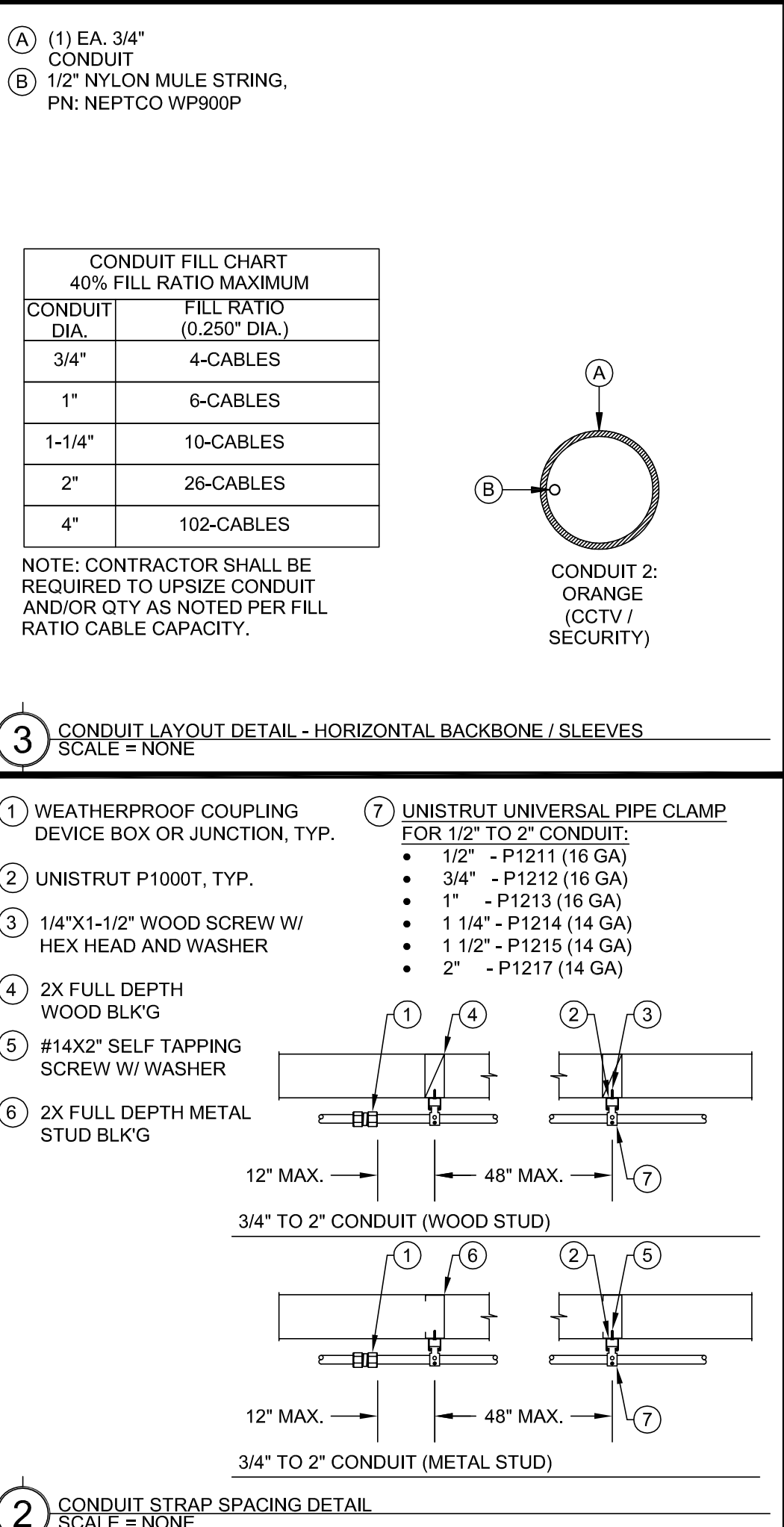
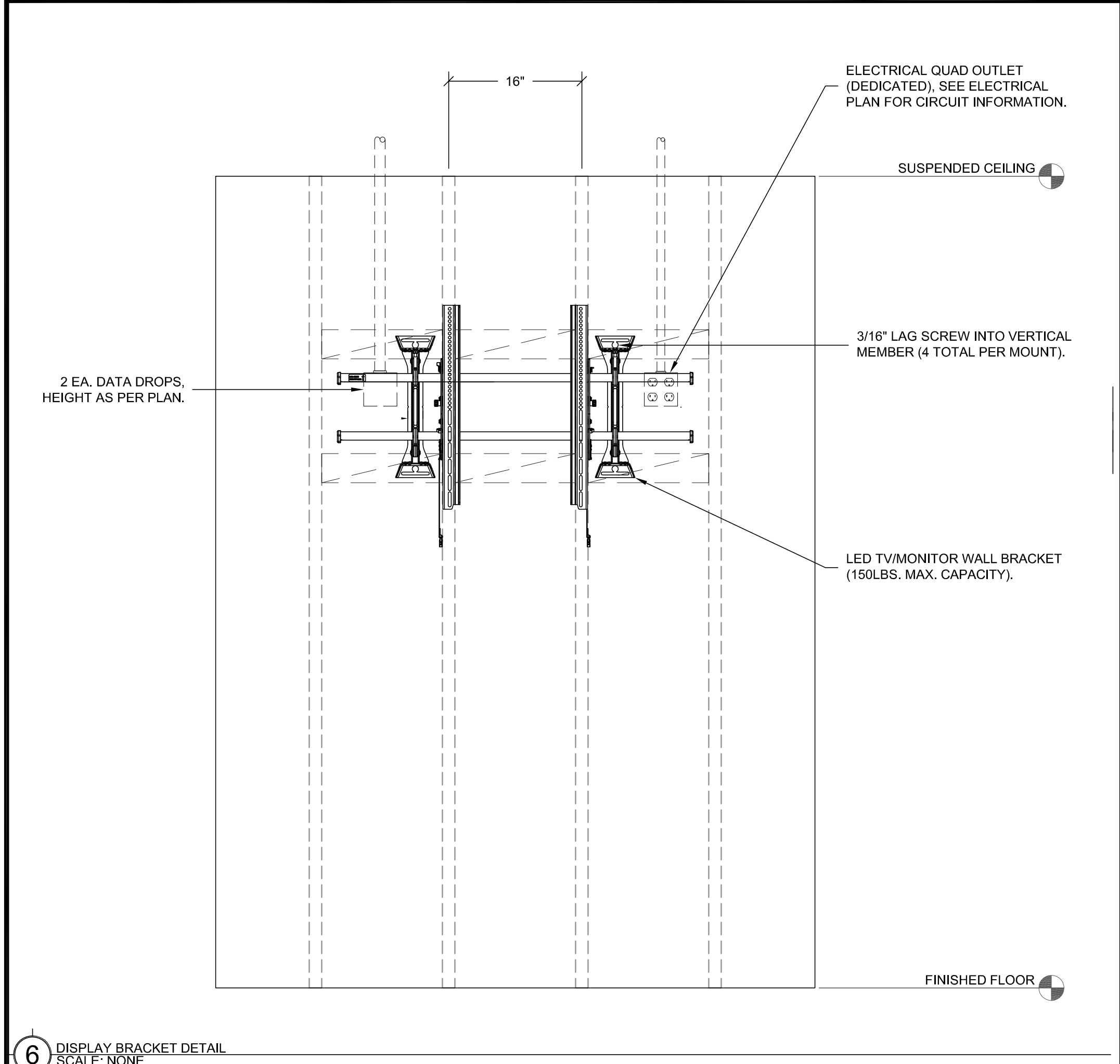
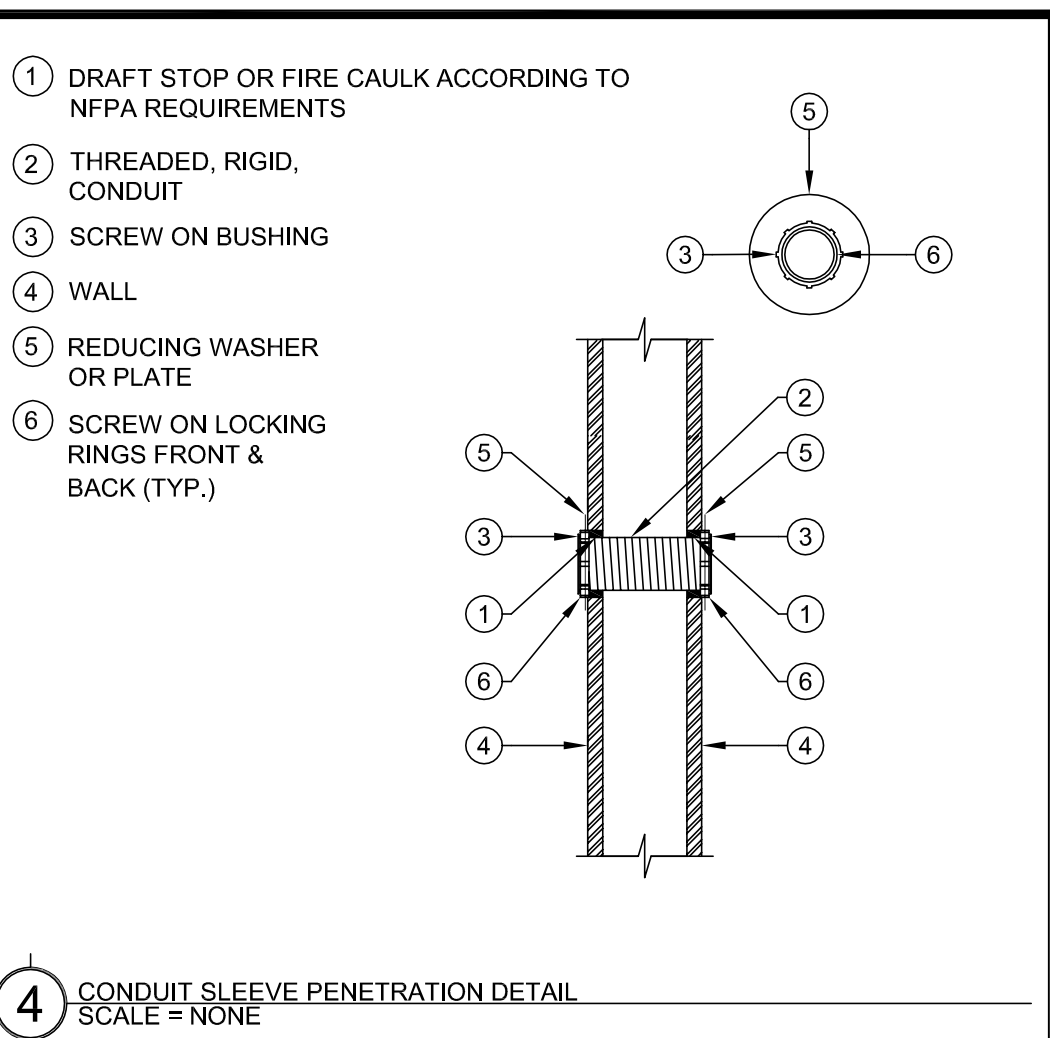
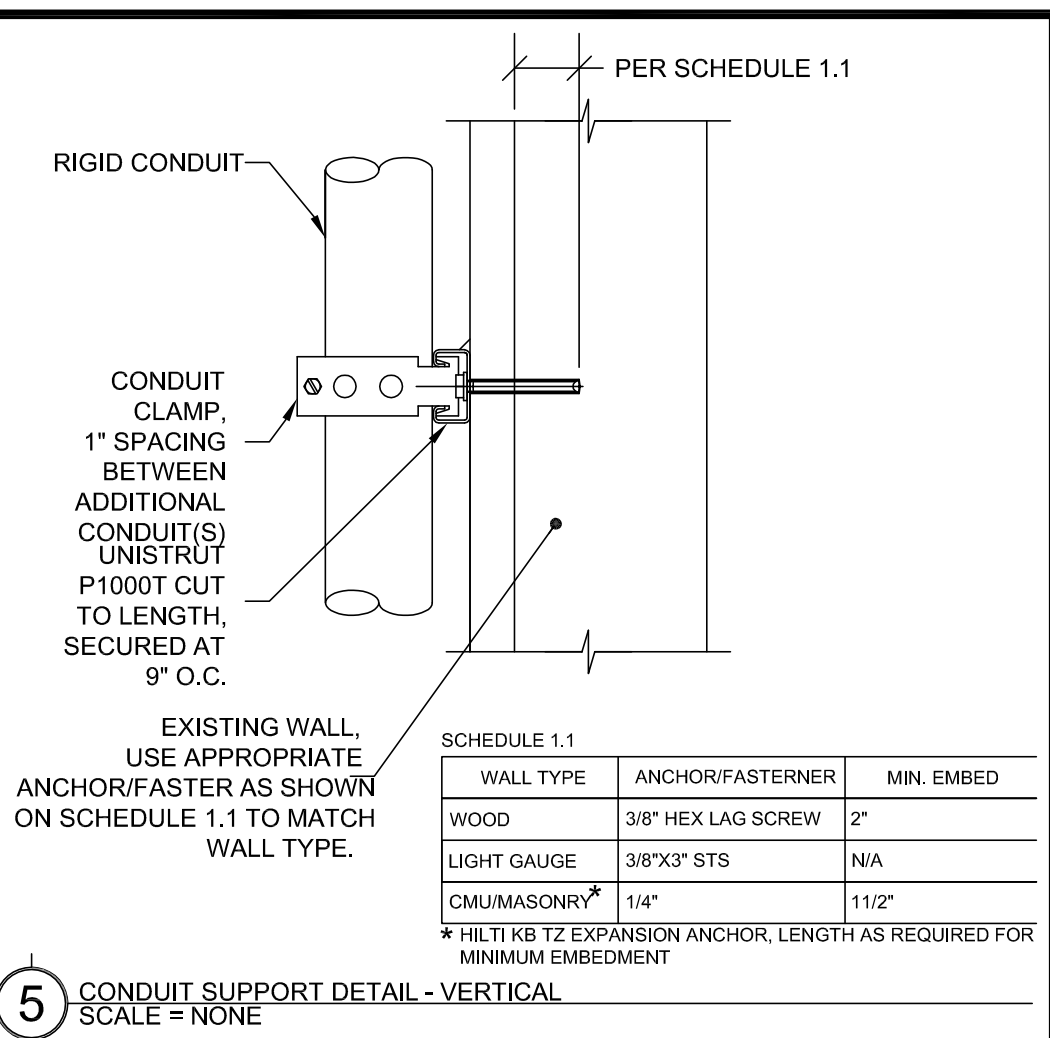
LIGHTING
 ENLARGED FLOOR PLAN
 LOBBY

SHEET NO.

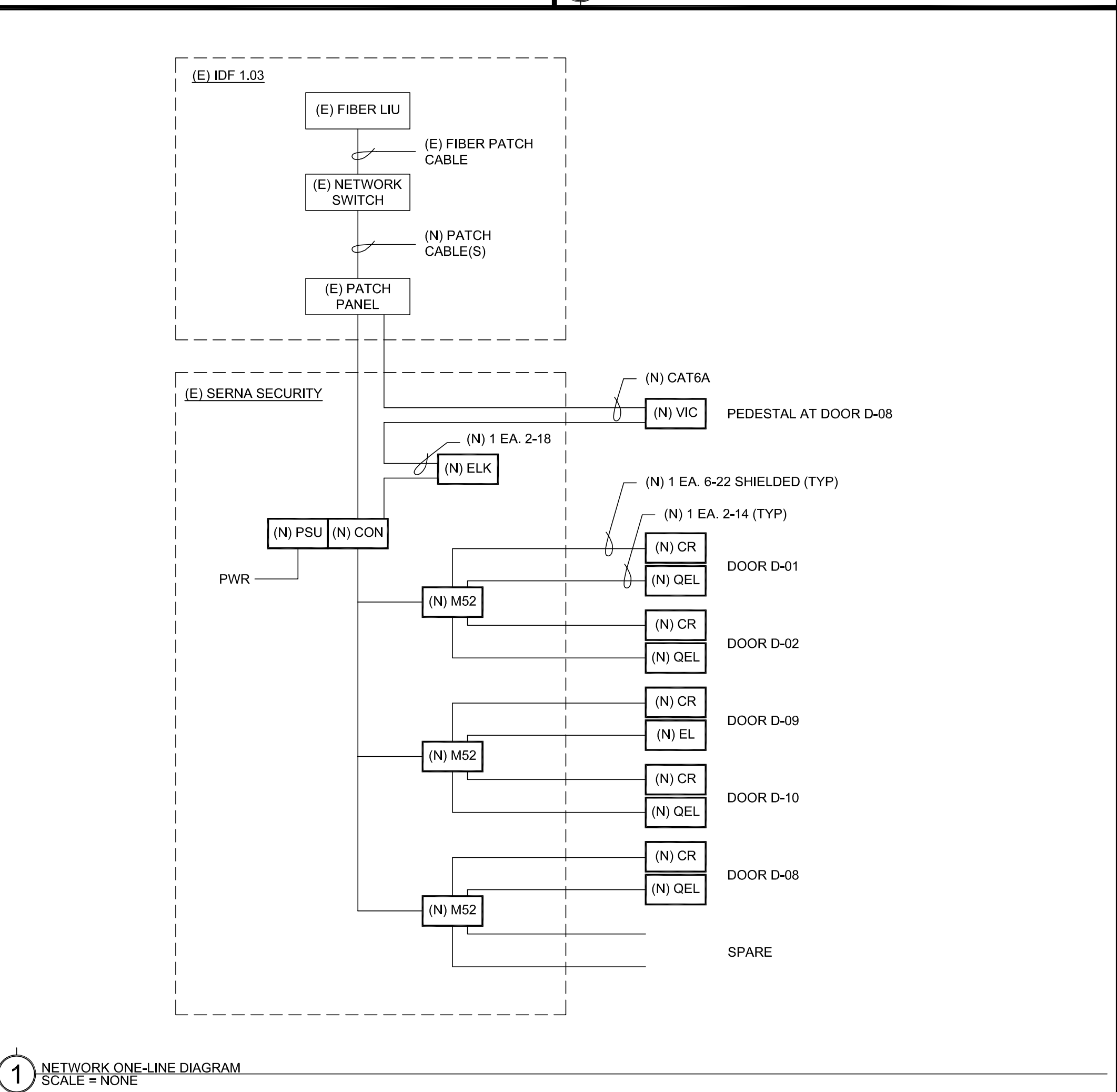
E212

ONE AND ONE-HALF INCH = ONE FOOT
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 ONE-QUARTER INCH = ONE FOOT
 ONE-EIGHTH INCH = ONE FOOT
 ONE-SIXTEENTH INCH = ONE FOOT
 ONE INCH = TWENTY FEET

NOT USED



NOT USED



TECHNOLOGY SYMBOL LEGEND:
 ALL EQUIPMENT AND MATERIALS ARE CONTRACTOR FURNISHED, INSTALLED AND CONFIGURED (UNO)

SYMBOL	DESCRIPTION	MODEL	PART NUMBER	NOTES / DETAIL REFERENCES
[MDF / IDF]	DATA RACK / CABINET	EXISTING	EXISTING	N/A
[MPOE]	MINIMUM POINT OF ENTRY	EXISTING	EXISTING	N/A
---	UNDERGROUND CONDUIT	N/A	N/A	N/A
---	SURFACE RACEWAY	WIREMOLD	2300	N/A
[T]	BACKBONE CONDUIT STUB	N/A	N/A	N/A
[PSU]	ACCESS CONTROL POWER SUPPLY UNIT W/ BATTERY BACKUP	LIFE SAFETY POWER	IPF150-2DBP2M8NLAEBM1	INSTALL AT SECURITY OFFICE
[CON]	ACCESS CONTROL MANAGEMENT EMBEDDED CONTROLLER	AVIGILON	AC-MER-CONT-LP1502	INSTALL AT SECURITY OFFICE
[MS2]	ACCESS CONTROL 2-DOOR MODULE	AVIGILON	AC-MER-COH-MRS2	N/A
[CR]	CARD READER	AVIGILON	AC-ING-READ-APTIQ-SMG-MT15	N/A
[CRM]	CARD READER MULLION	AVIGILON	AC-ING-READ-APTIQ-SMG-MT11	N/A
[VIC]	VIDEO INTERCOM WITH SURFACE MOUNTED BACKBOX	AVIGILON	H4V-R01-IR-H4V-MT-SURF1	N/A
[QEL]	ELECTRONIC LATCH RETRACT MOTOR	VON DUPRIN	QEL	N/A
[EL]	ELECTRIC LATCH	VON DUPRIN	6300	N/A
[ADL]	ARMORED DOOR LOOP	SECO-LARM	SD-969-M15Q*	* = S FOR SILVER, B FOR BRONZE
	RFID CARDS	SCHLAGE	8520	QUANTITY 200, SERIALIZED PER DISTRICT REQUIREMENTS.
	APPLE IPAD PRO 11"	APPLE	A2759	FOR FRONT DESK TO MANAGE DOOR ACCESS
	TABLET COUNTERTOP STAND	MOUNT-IT	MI-3775B-G10	N/A
	POE USB-C INJECTOR	POE TEXAS	AF-USB-C-PD	N/A
[TEL]	ADMINISTRATIVE DESK PHONE SET	CISCO	EXISTING	PROGRAM SOFT KEY AT (E) PHONE SET FOR DOOR UNLOCK
[▲]	CAT6A DATA DROP LOCATION	SUPERIOR ESSEXORTRONICS	SEE 27 10 00	N/A
[H]	HEAVY DUTY BOLLARD PEDESTAL	PEDESTAL PRO	HD-BLACK-TOWER	N/A
[S]	86" LED TV WITH WALL MOUNT BRACKET	NEC/CHIEF	M861 / LSM1U	N/A
[SIGN]	DIGITAL SIGNAGE PLAYER (DUAL OUTPUT)	BRIGHTSIGN	XT2145	MOUNT TO BACK OF DISPLAY

ABBREVIATIONS:
 REVISED: 09/20/2023

A	AMPERE
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
ANN	ANNUNCIATOR
AP	ACCESS POINT
BFF	BELOW FINISHED FLOOR
BFG	BELOW FINISHED GRADE
BICSI	BUILDING INDUSTRY CONSTRUCTION SERVICE INTERNATIONAL
BLDG	BUILDING
C	CONDUIT
CAB	CABINET
CAT	CATEGORY
CATV	CABLE TELEVISION
CD	CANDELA
CFCI	CONTRACTOR FURNISHED/CONTRACTOR INSTALLED
CL	CENTER LINE
CO	CARBON MONOXIDE
DN	DOWN
(E)	EXISTING
EMT	ELECTRICAL METALLIC TUBING
EOL	END OF LINE
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FTC	FIRE TERMINAL CABINET
GRC	GALVANIZED RIGID CONDUIT
G OR GB	GROUND BOX
IACP	INTRUSION ALARM CONTROL PANEL
IDF	INTERMEDIATE DISTRIBUTION FRAME
IMC	INTERMEDIATE METAL CONDUIT
J OR JB	JUNCTION BOX
MEP	MECHANICAL / ELECTRICAL / PLUMBING
MDF	MAIN DISTRIBUTION FRAME
MPOE	MINIMUM POINT OF ENTRY
(N)	NEW
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NTS	NOT TO SCALE
N/A	NOT APPLICABLE
OFE	OWNER FURNISHED EQUIPMENT
OFCI	OWNER FURNISHED/CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED/OWNER INSTALLED
OSP	OUTSIDE PLANT
PVC	POLYVINYL CHLORIDE
RCDD	REGISTERED COMMUNICATION DISTRIBUTION DESIGNER
RCWY	RACEWAY
RM	ROOM
SR	SURFACE RACEWAY
TYP	TYPICAL
UG	UNDERGROUND
UL	UNDERWRITERS LABORATORIES
UNO	UNLESS NOTED OTHERWISE
V	VOLTS
W	WATT
WP	WEATHERPROOF

PROJECT CODES AND STANDARDS:

PARTIAL LIST OF APPLICABLE CODES AND STANDARDS EFFECTIVE: JANUARY 1, 2023:

- 2022 CALIFORNIA ADMINISTRATIVE CODE (CAC), CCR, TITLE 24, PART 1
- 2022 CALIFORNIA BUILDING CODE (CBC), CCR, TITLE 24, PART 2 (2018 INTERNATIONAL BUILDING CODE WITH CALIFORNIA AMENDMENTS)
- 2022 CALIFORNIA ELECTRICAL CODE (CEC), CCR, TITLE 24, PART 3 (2017 NATIONAL ELECTRICAL CODE WITH CALIFORNIA AMENDMENTS)
- 2022 CALIFORNIA FIRE CODE (FC), CCR, TITLE 24, PART 4 (2018 INTERNATIONAL FIRE CODE WITH CALIFORNIA AMENDMENTS)
- 2022 CALIFORNIA MECHANICAL CODE (CMC), CCR, TITLE 24, PART 5 (2017 NATIONAL MECHANICAL CODE WITH CALIFORNIA AMENDMENTS)
- 2022 CALIFORNIA ENERGY CODE, CCR, TITLE 24, PART 6
- 2022 CALIFORNIA FIRE CODE (FC), CCR, TITLE 24, PART 9 (2018 INTERNATIONAL FIRE CODE WITH CALIFORNIA AMENDMENTS)
- 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE, CCR, TITLE 24, PART 11
- 2022 CALIFORNIA REFERENCED STANDARDS CODE, CCR, TITLE 24, PART 12
- 2022 NFPA 72: NATIONAL FIRE ALARM AND SIGNALING CODE, NATIONAL FIRE PROTECTION ASSOCIATION

- PERFORMANCE SCOPE OF WORK:**
- FURNISH ALL HEADEND EQUIPMENT, DOOR HARDWARE, VIDEO INTERCOM, WIRE AND ACCESSORIES FOR A COMPLETE AND OPERABLE ELECTRONIC ACCESS CONTROL SYSTEM FOR ALL DOORS LISTED ON FLOOR PLANS.
 - PROVIDE AND INSTALL ALL REQUIRED ABOVE CEILING J-HOOK PATHWAYS.
 - THE INTENT IS FOR ALL WIRES TO BE FISHED IN DOOR FRAMES. SURFACE RACEWAYS WILL BE ALLOWED IN SPECIAL LOCATIONS WITH PRIOR APPROVAL.
 - COORDINATE AND DELIVER/PICKUP DOOR CONTROLLER AND VIDEO INTERCOM FOR PROGRAMMING BY THE DISTRICT.
 - COORDINATE WITH DISTRICT FOR TELEPHONE PROGRAMMING FOR VIDEO INTERCOM RING-DOWN FUNCTION.
 - ALL INSTALLATION OR REWORK OF ELECTRICAL POWER TO BE PERFORMED BY A LICENSED ELECTRICIAN.
 - PROVIDE AND INSTALL 2 EA. (N) DIGITAL SIGNAGE TVS WITH MOUNTS AND DIGITAL SIGNAGE VIDEO PLAYER.

SHEET INDEX:

SHEET NO.	DESCRIPTION
T000	SECURITY COVER SHEET
T200	SECURITY FLOOR PLAN

AGENCY APPROVAL

SCUSD SERNA CENTER LOBBY SECURITY UPGRADE

5735 47th Avenue
 Sacramento, CA 95824

SACRAMENTO CITY UNIFIED SCHOOL DISTRICT

KMM Services, Inc.
 TECHNOLOGY & FIRE LIFE SAFETY

5433 El Camino Ave, Suite 5
 Carmichael, CA 95608
 Office: (916) 359-4800
 www.kmm-services.com

CONSULTANT

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 Sacramento, CA 95811
 www.nachtandlewis.com
 916.329.4000

ARCHITECT

ARCHITECT
 No. C-26867
 RENEWAL DATE: 1/31/25
 STATE OF CALIFORNIA

BID PACKAGE

REVISIONS

NO.	DESCRIPTION	DATE

DATE: 04/23/24
 JOB NO.: Y2344.00
 SHEET TITLE

SECURITY COVER SHEET

SHEET NO.
T000

ONE AND ONE-HALF INCH = ONE FOOT
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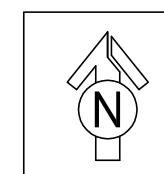


PROJECT GENERAL NOTES:

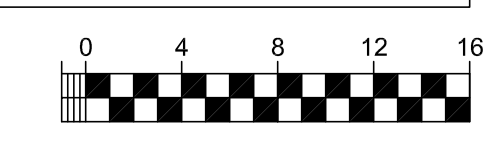
- ALL EXPOSED (N) CONDUIT AND (N) JUNCTION BOXES TO BE PRIMED AND PAINTED TO MATCH EXISTING SURROUNDINGS.

SHEET NOTES:

- INSTALL POWER TRANSFER HINGE, FISH WIRES THROUGH MULLION, INSTALL WM2300 TO ACCESSIBLE CEILING.
- RUN CONDUIT FROM PEDESTAL BASE TO 2-GANG BELL BOX ON WALL, PENETRATE CONCRETE WALL 24" OR LESS AFG, INSTALL WM2300 TO ACCESSIBLE CEILING.
- ROUTE CABLE ABOVE CEILING ON NEW J-HOOK PATHWAY FROM CONTROLLED DOOR TO DOOR CONTROLLER IN SECURITY OFFICE CLOSET.
- FURNISH, INSTALL AND COORDINATE PROGRAMMING BY DISTRICT ELECTRONIC ACCESS CONTROLLER AND POWER SUPPLY IN SECURITY OFFICE CLOSET, MODIFICATIONS TO ELECTRIC POWER TO BE PERFORMED BY A LICENCED ELECTRICIAN.
- COORDINATE WITH DISTRICT TO PROGRAM ADMIN. PHONE SET FOR RINGDOWN FROM VIDEO INTERCOM.
- PROVIDE I-PAD KIOSK FOR DOOR CONTROL OPERATION.
- PROVIDE AND INSTALL CARD READER AND DOOR CONTACT ON NEW STOREFRONT DOORFRAME, CONNECT LATCH RETRACT MOTOR.
- PROVIDE AND INSTALL CARD READER, ARMORED DOOR LOOP AND RETROFIT LATCH RETRACT MOTOR, FISH WIRES IN DOOR FRAME.
- PROVIDE AND INSTALL CARD READER, ELECTRONIC DOOR LATCH, FISH WIRES IN DOOR FRAME.
- PROVIDE AND INSTALL (N) CAT6A DATA DROP, QTY NOTED, FROM IDF 1-03.
- REMOVE AND PRESERVE TV MONITOR AND MOUNT, RETURN TO DISTRICT, PROVIDE BLANK COVER PLATES, AS RECD.
- REMOVE UNDER DESK OLD ABANDONED MULTI-PAIR TELEPHONE CABLE BACK TO SOURCE.
- PROVIDE AND INSTALL (N) DIGITAL SIGNAGE TV AND MOUNT, INTEGRATE WITH (N) DIGITAL SIGNAGE PLAYER, SEE 11/A552 FOR PLACEMENT.



SECURITY FLOOR PLAN



AGENCY APPROVAL

SCUSD SERNA CENTER LOBBY SECURITY UPGRADE

5735 47th Avenue
 Sacramento, CA 95824

SACRAMENTO CITY UNIFIED SCHOOL DISTRICT

KMM Services, Inc.

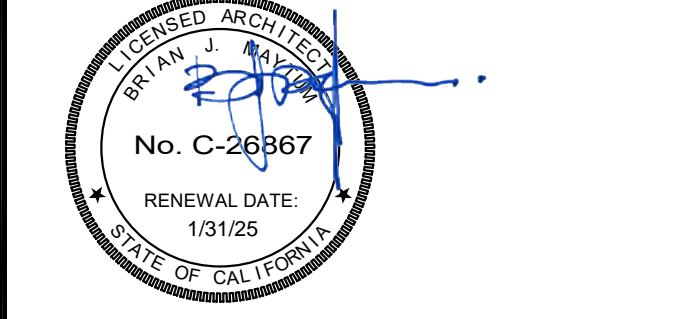
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CONSULTANT

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ARCHITECT

BID PACKAGE

REVISIONS		
NO.	DESCRIPTION	DATE

DATE: 04/23/24
 JOB NO.: Y2344.00
 SHEET TITLE

SECURITY FLOOR PLAN

SHEET NO.

T200

SCUSD CENTRAL ENROLLMENT LOBBY SECURITY UPGRADE

5601 47th AVENUE
SACRAMENTO, CA 95824

SACRAMENTO CITY UNIFIED SCHOOL DISTRICT

OVERALL SITE PLAN (NOT TO SCALE)



ACCESS CONTROL ADDED TO ALL CLASSROOM DOORS. SEE LOW VOLTAGE DRAWINGS.

EXTERIOR SECURITY GATE REPLACEMENT AREA OF WORK. SEE DETAIL 15&20/A112.

NEW VISITOR ROOMS. SEE SHEET A112.

SHEET INDEX

GENERAL	
G001	COVER SHEET AND SITE PLAN
ARCHITECTURAL	
A112	ENLARGED FLOOR PLAN CENTRAL ENROLLMENT LOBBY
A551	INTERIOR ELEVATIONS LOBBY AND DETAILS
STRUCTURAL	
S0.1	GENERAL NOTES & TYPICAL DETAILS
S2.1	FOUNDATION & WALL FRAMING PLAN
S2.2	SOFFIT FRAMING PLAN
S3.1	WALL LINE ELEVATIONS
S4.1	DETAILS
ELECTRICAL	
E001	ELECTRICAL LEGEND & NOTES
E111	ELECTRICAL ENLARGED FLOOR PLAN CENTRAL ENROLLMENT LOBBY
E112	LIGHTING ENLARGED FLOOR PLAN CENTRAL ENROLLMENT LOBBY
TELECOMMUNICATIONS	
T000	SECURITY COVER SHEET - ENROLLMENT CENTER
T200	SECURITY FLOOR PLAN - CLASSROOM WINGS
T201	SECURITY FLOOR PLAN - ENROLLMENT CENTER
T201	SECURITY FLOOR PLAN - CLASSROOM WINGS

GENERAL SCOPE OF WORK

- CONSTRUCTION OF VISITOR LOBBIES INCLUDING WALLS, DOORS, PASS-THRU WINDOWS, COUNTERTOPS.
- EXTEND POWER AND DATA.
- PROVIDE NEW LIGHTING.
- INSTALLING ACCESS CONTROL ON EXISTING DOORS AT MAIN ENTRANCE, INTERIOR OFFICE SPACE, AND ALL CLASSROOM SPACES ON NORTH SIDE OF CAMPUS.
- REPLACEMENT OF EXTERIOR SITE GATE WITH NEW WHICH INCLUDES ACCESS CONTROL.

PROJECT TEAM

OWNER: SACRAMENTO CITY UNIFIED SCHOOL DISTRICT 425 1st AVE SACRAMENTO, CA 95818 PHONE: (916) 395-3980 CONTACT: CHRIS RALSTON	MECHANICAL/PLUMBING ENGINEER: CAPITAL ENGINEERING CONSULTANTS 11020 SUN CENTER DRIVE RANCHO CORDOVA, CA 95670 PHONE: (916) 851-3500 CONTACT: MATT BROOKS
ARCHITECT: NACHT & LEWIS ARCHITECTS 600 Q STREET, SUITE 100 SACRAMENTO, CALIFORNIA 95811 PHONE: (916) 329-4000 CONTACT: CHRIS FLATT	ELECTRICAL ENGINEER: CAPITAL ENGINEERING CONSULTANTS 11020 SUN CENTER DRIVE RANCHO CORDOVA, CA 95670 PHONE: (916) 851-3500 CONTACT: NATHAN HEARNS
STRUCTURAL ENGINEER: RW CONSULTING ENGINEERS, INC. 1450 HARBOR BLVD, SUITE F WEST SACRAMENTO, CA 95661 PHONE: (916) 229-8345 CONTACT: ROB WELDON	LOW VOLTAGE/FIRE ALARM: KMM SERVICES 5433 EI CAMINO AVE. #5 CARMICHAEL, CA 95608 PHONE: (916) 359-4000 CONTACT: CHRIS CLUFF

APPLICABLE CODES

ALL WORK SHALL CONFORM TO THE FOLLOWING AND ALL OTHER APPLICABLE CODES AND ORDINANCES:

- 2022 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24, C.C.R.
- 2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24, C.C.R.
- 2022 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24, C.C.R.
- 2022 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24, C.C.R.
- 2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24, C.C.R.
- 2022 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24, C.C.R.
- 2022 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24, C.C.R.
- 2022 CALIFORNIA GREEN CODE, PART 11, TITLE 24, C.C.R.
- 2022 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24, C.C.R.
- 2019 ELEVATOR SAFETY ORDERS, PART 8, DIVISION 1, CHAPTER 4, SUBCHAPTER 6, TITLE 24, C.C.R.
- 2022 TITLE 19 C.C.R., PUBLIC SAFETY, DIVISION 1 STATE FIRE MARSHAL REGULATIONS.
- 2022 NFPA 13, THE INSTALLATION OF AUTOMATIC SPRINKLER SYSTEMS, AS AMENDED.
- 2019 NFPA 14, INSTALLATION OF STANDPIPE, PRIVATE HYDRANT, AND HOSE SYSTEMS.
- 2019 NFPA 24, INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES.
- 2013 NFPA 25, CALIFORNIA EDITION, INSP., TEST, & MAINT. OF WATER-BASED FIRE PROT. SYSTEMS.
- 2016 NFPA 72, NATIONAL FIRE ALARM CODE, AS AMENDED.
- 2019 NFPA 20, INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION.

CONTRACTOR SHALL COMPLY WITH CFC CHAPTER 33 - FIRE SAFETY DURING DEMOLITION & CONSTRUCTION.

GENERAL NOTES

1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AT THE SITE AND SHALL REPORT ANY DISCREPANCIES IN WRITING TO THE DISTRICT REPRESENTATIVE BY THE MEANS OF AN REQUEST FOR INFORMATION (RFI) OR AS PART OF THE APPLICABLE SHOP DRAWING/SUBMITTAL.
2. SPECIFIC ITEMS NOTED TO BE VERIFIED OR FIELD VERIFIED ARE REQUIRED TO BE VERIFIED PRIOR TO ORDERING MATERIALS OR PROCEEDING WITH THE WORK.
3. CONTRACTOR IS RESPONSIBLE FOR ALL INCIDENTAL WORK NECESSARY TO COMPLETE THE INSTALLATION OF NEW WORK. THIS INCLUDES, BUT IS NOT LIMITED TO, THE REMOVAL AND/OR REINSTALLATION OR ALL EXISTING ITEMS, OF PORTIONS OF THE EXISTING CONSTRUCTION WHETHER SHOWN OR NOT.
4. ALL WORK, MATERIALS, METHODS, ETC. SHALL CONFORM TO ALL GOVERNING BUILDING CODES AND REGULATIONS.
5. ANY CONFLICT BETWEEN THESE PLANS AND EXISTING CONDITIONS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT.
6. ALL WORK SHALL BE IN COMPLETE CONFORMANCE WITH MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS OR AS OTHERWISE OUTLINED IN THE SPECIFICATIONS.
8. USE OF ANY NEW MATERIALS CONTAINING LEAD OR ASBESTOS IS PROHIBITED.
9. DETAILS, MATERIALS AND SCOPE OF WORK SHALL BE CONSIDERED TYPICAL FOR ALL SIMILAR CONDITIONS UNLESS SPECIFICALLY NOTED OTHERWISE.
10. THE TERM "TYPICAL" OR "TYP" SHALL BE CONSTRUED TO MEAN APPLYING TO ALL LIKE OR SIMILAR CONDITIONS IN THE AREAS DESIGNATED FOR WORK SCOPE.

AGENCY APPROVAL

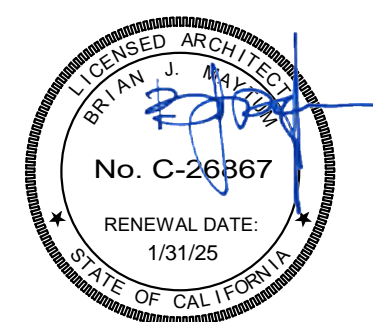
SCUSD CENTRAL ENROLLMENT LOBBY SECURITY UPGRADE

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ARCHITECT

BID PACKAGE

REVISIONS

NO.	DESCRIPTION	DATE

DATE: 04/23/2024

JOB NO.: Y2344.00

SHEET TITLE

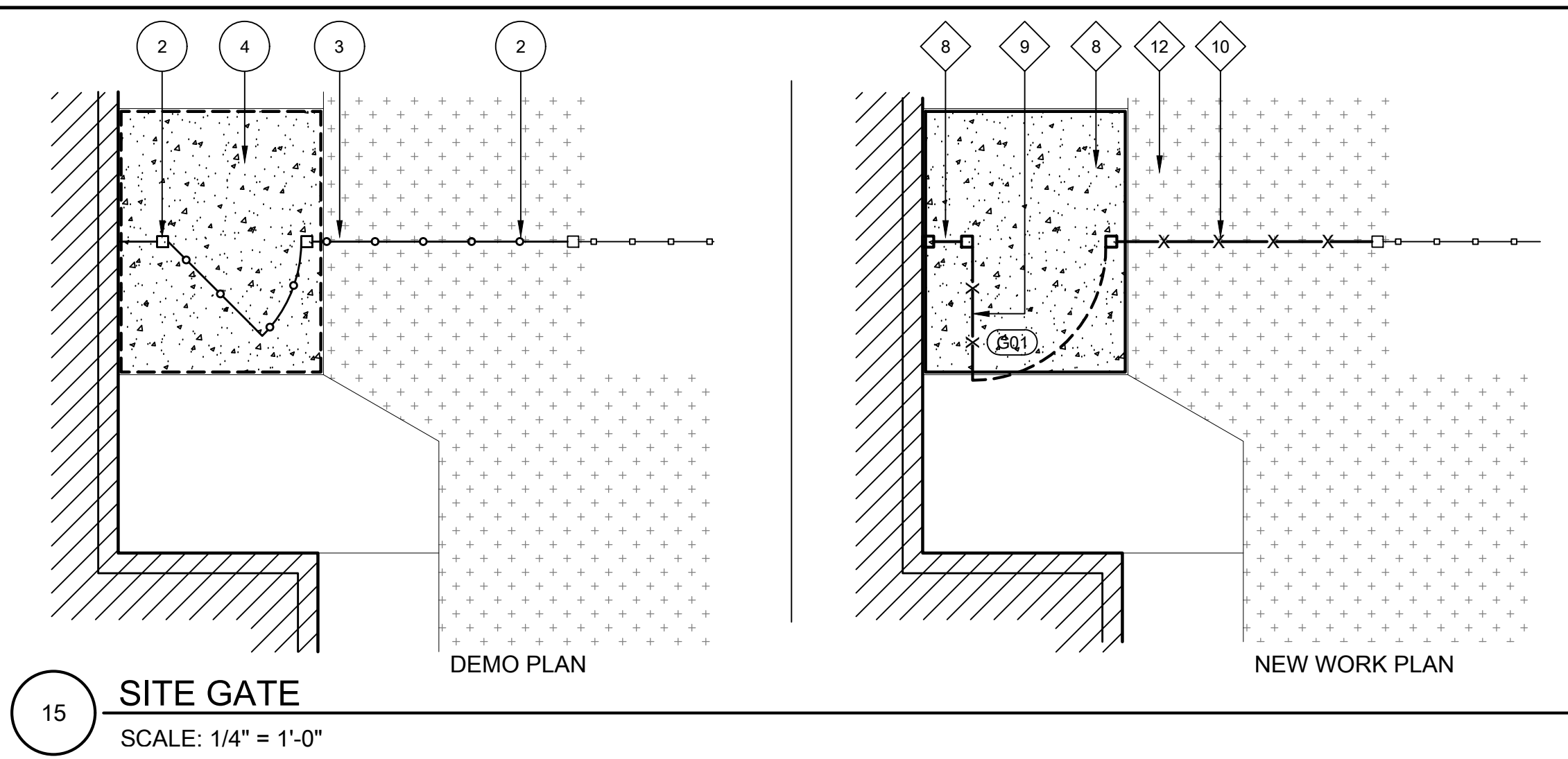
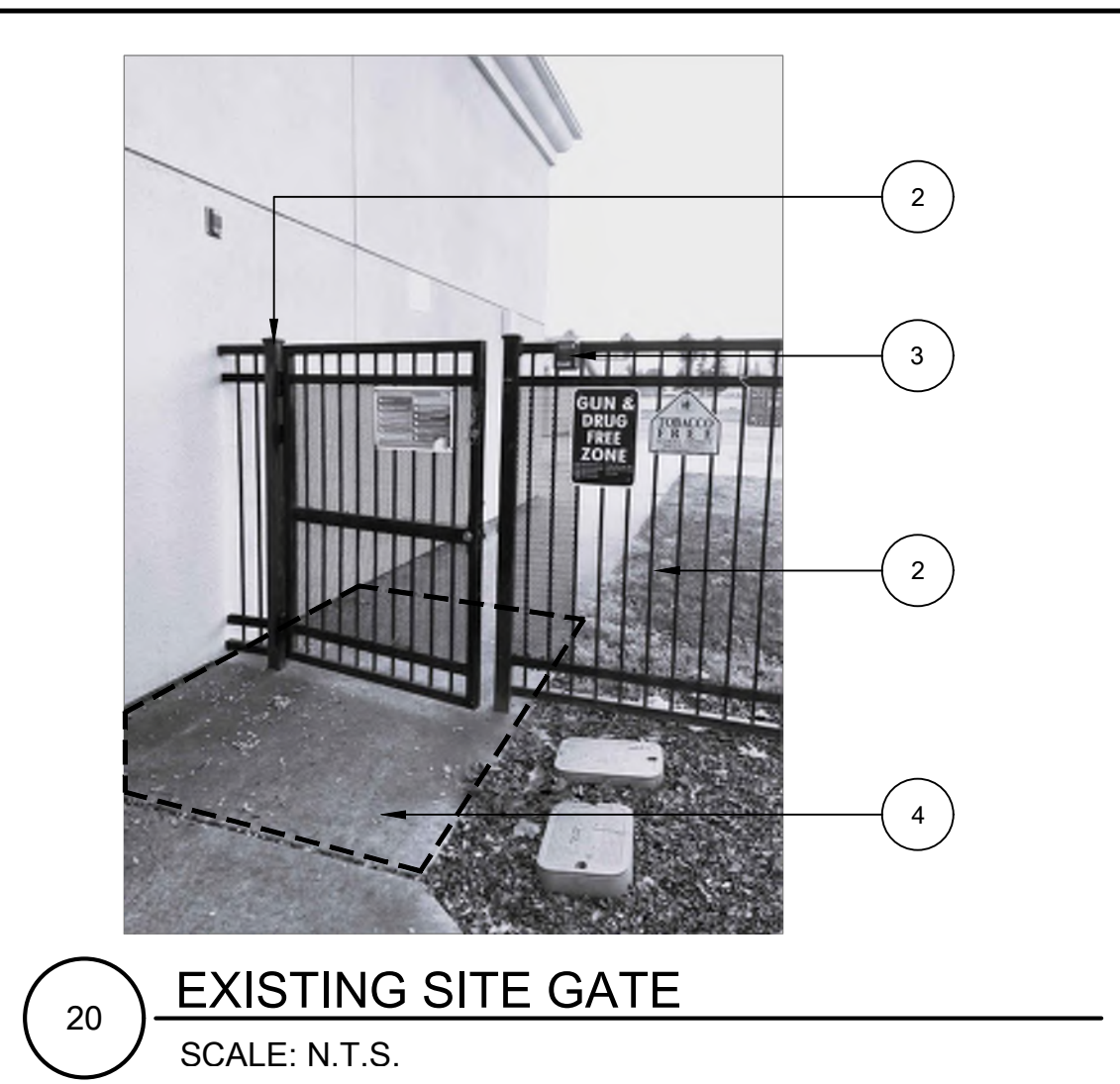
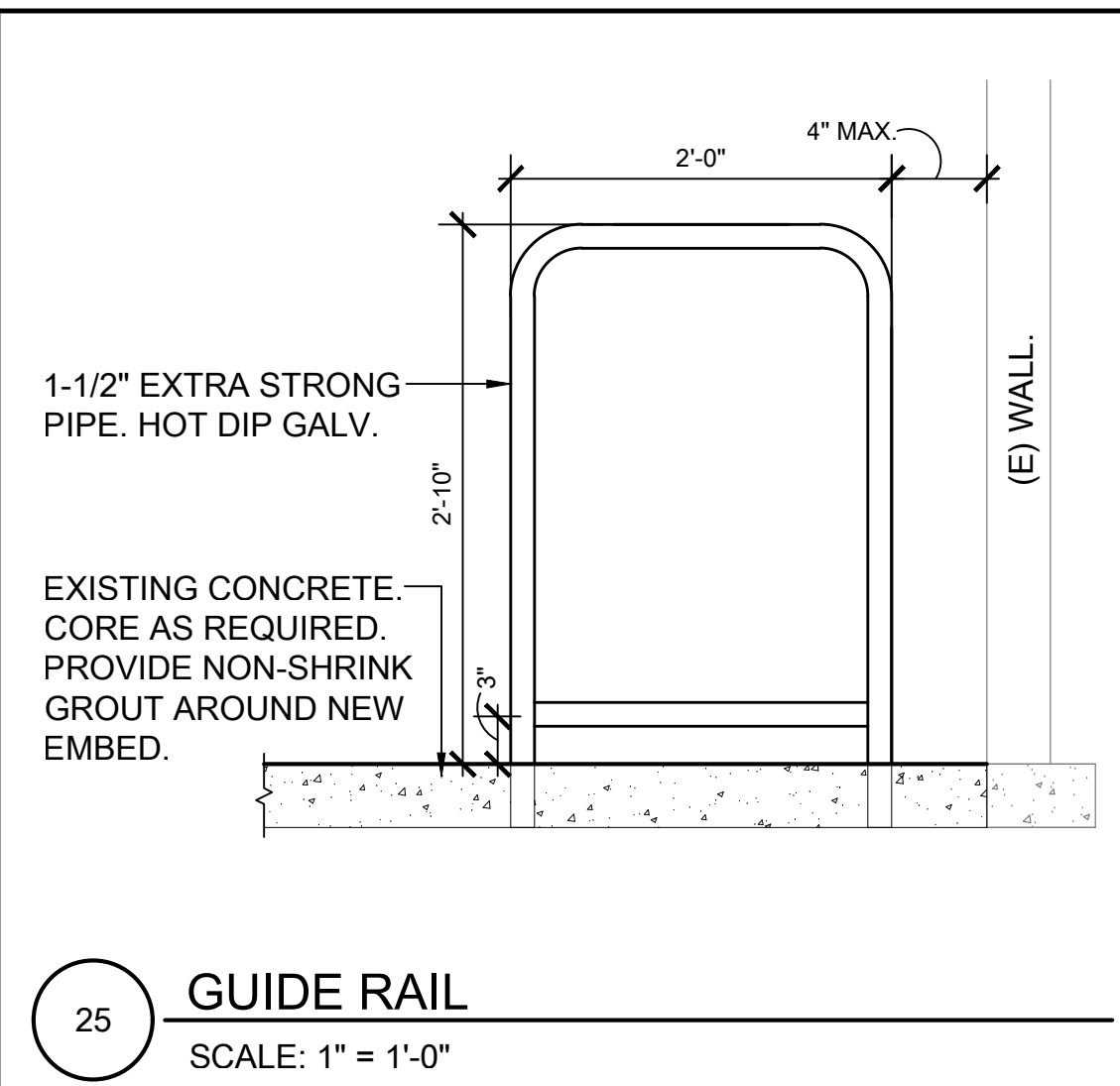
COVER SHEET AND SITE PLAN

SHEET NO.

G001

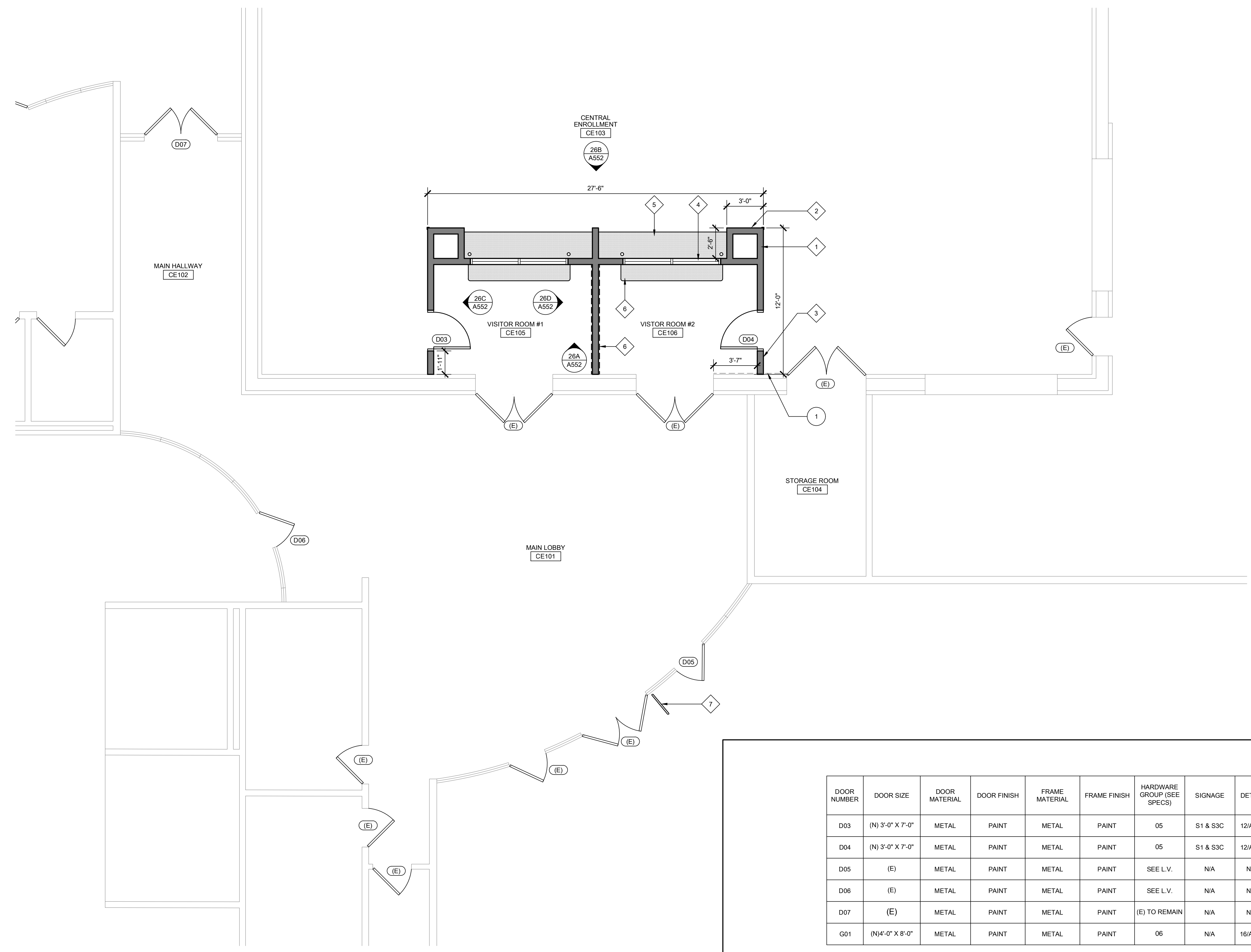
ONE AND ONE-HALF INCH = ONE FOOT
ONE INCH = ONE FOOT
THREE-QUARTERS INCH = ONE FOOT
ONE-HALF INCH = ONE FOOT
ONE-QUARTER INCH = ONE FOOT
ONE-EIGHTH INCH = ONE FOOT
ONE-SIXTEENTH INCH = ONE FOOT
ONE INCH = TWENTY FEET

ONE AND ONE-HALF INCH = ONE FOOT
 ONE INCH = ONE FOOT
 THREE-QUARTERS INCH = ONE FOOT
 ONE-HALF INCH = ONE FOOT
 ONE-QUARTER INCH = ONE FOOT
 ONE-EIGHTH INCH = ONE FOOT
 ONE-SIXTEENTH INCH = ONE FOOT
 ONE INCH = TWENTY FEET



GENERAL SHEET NOTES:
 THESE SHEET NOTES APPLY TO THIS SHEET ONLY.
 1. DIMENSIONS SHOWN ARE TO FACE OF FINISH.
 2. CONTRACTOR SHALL REMOVE EXISTING CARPET AS REQUIRED TO INSTALL STEEL POSTS/FOOTINGS ALONG WITH NEW WALLS. PROVIDE NEW CARPET TO MATCH EXISTING. PROVIDE TANDUS AFTERMATH II AS BASIS OF BID.

KEYNOTES:
 NOT ALL KEYNOTES APPLY TO THIS SHEET.
 1. REMOVE EXISTING WALL PADDING.
 2. DEMO EXISTING ORNAMENTAL IRON FENCE AND GATE AS SHOWN.
 3. REMOVE EXISTING SECURITY SIGNS AND KNOX BOX. SALVAGE FOR REINSTALLATION.
 4. REMOVE EXISTING CONCRETE SECTION AS REQUIRED TO REMOVE EXISTING FENCE POST AND INSTALL NEW FOOTINGS.



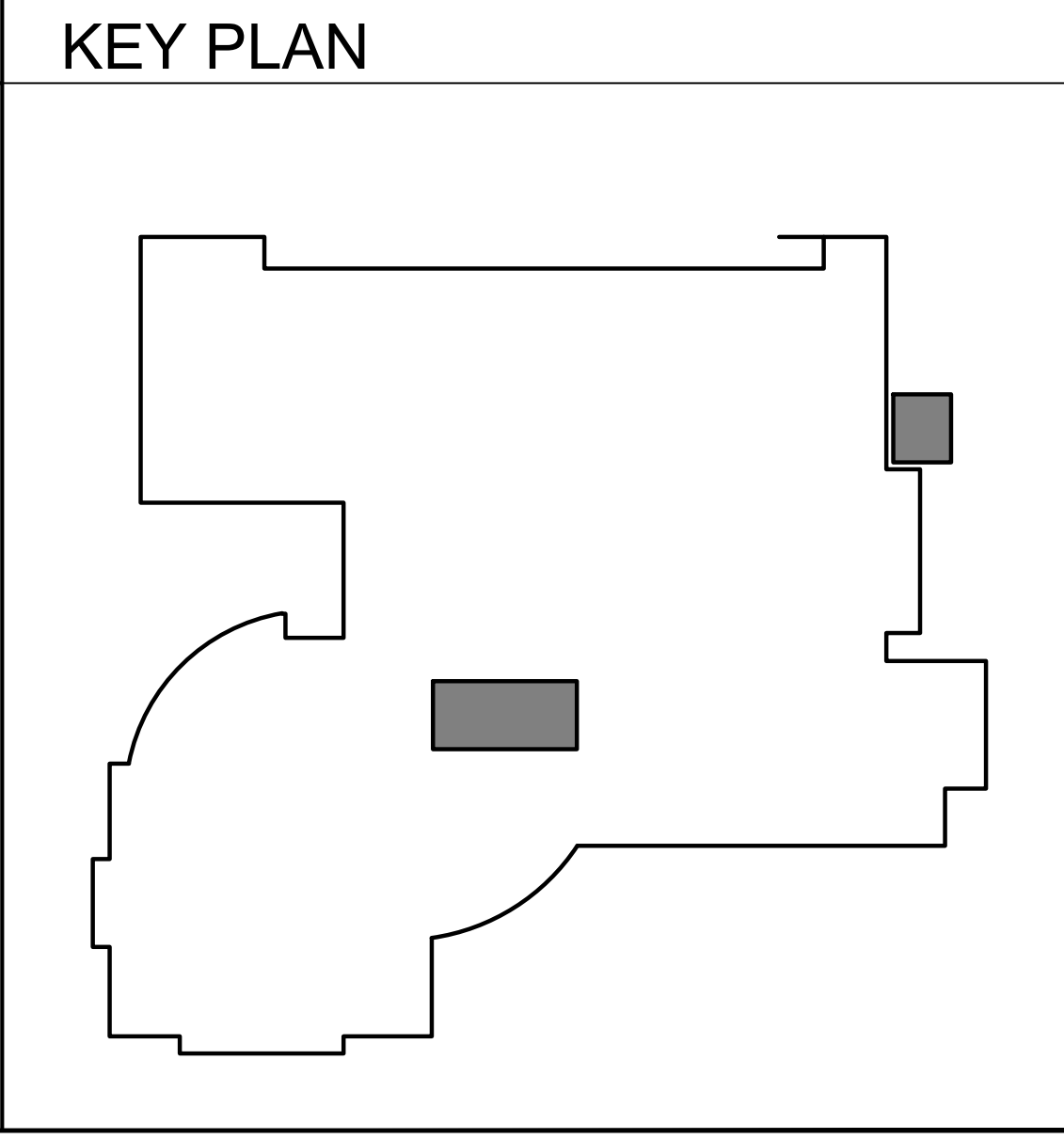
KEYNOTES:
 NOT ALL KEYNOTES APPLY TO THIS SHEET.
 1. NEW PARTIAL HEIGHT WOOD STUD WALLS WITH GYPSUM BOARD. PROVIDE NEW RESILIENT BASE ON ALL SIDES.
 2. NEW CORNER GUARD.
 3. NEW WOOD DOOR AND METAL FRAME WITH ACCESS CONTROL.
 4. NEW ALUMINUM STOREFRONT WINDOW WITH PASSTHRU AND SPEAK-THRU.
 5. NEW 28" DEEP PLASTIC LAMINATE WORK SURFACE. PROVIDE STEEL SUPPORT AS SHOWN.
 6. NEW 16" DEEP PLASTIC LAMINATE WORK SURFACE. PROVIDE STEEL SUPPORT AS SHOWN.
 7. NEW 24" LONG GUIDE RAIL TO PROTECT CARD ACCESS DEVICE MOUNTED TO ADJACENT MULLION. SEE DETAIL 25.
 8. NEW ORNAMENTAL IRON FENCE CLOSURE "WING". SEE DETAIL 10/A551. SEE SPEC SECTION 32 31 19.
 9. NEW SINGLE-LEAF 48" ORNAMENTAL IRON PEDESTRIAN GATE - SEE A551 FOR GATE DETAILS. SEE SPEC SECTION 32 31 19 FOR ADDITIONAL INFO. CORE EXISTING CONCRETE AS REQUIRED FOR NEW POST FOOTING.
 10. NEW 6'-0" HIGH ORNAMENTAL IRON FENCE PANEL. REATTACH TO EXISTING POST. REINSTALL SECURITY SIGNS AND KNOX BOX. PROVIDE 24" WIDE X FULL HEIGHT OF GATE EXPANDED METAL SCREEN ATTACHED TO FENCE PANEL.
 11. COMPACT SUBGRADE. PROVIDE 4" AGGREGATE BASE. INSTALL NEW 5" THICK CONCRETE WALK WITH #4 BARS @ 16" O.C.E.W. DOWEL INTO EXISTING WALKS ON BOTH SIDES WITH #4 SMOOTH BARS AT 24" O.C.
 12. PATCH AND REPAIR TURF AREA AND IRRIGATION AS REQUIRED BY EXTENT OF CONCRETE REMOVAL AND REPLACEMENT.

LEGEND:

- 2X2 FLUORESCENT LIGHT FIXTURE
- RECESSED DOWNLIGHT FIXTURE
- PENDANT LIGHT FIXTURE

11 DOOR AND GATE SCHEDULE
 SCALE: N.T.S.

DOOR NUMBER	DOOR SIZE	DOOR MATERIAL	DOOR FINISH	FRAME MATERIAL	FRAME FINISH	HARDWARE GROUP (SEE SPECS)	SIGNAGE	DETAIL
D03	(N) 3'-0" X 7'-0"	METAL	PAIN	METAL	PAIN	05	S1 & S3C	12/A551
D04	(N) 3'-0" X 7'-0"	METAL	PAIN	METAL	PAIN	05	S1 & S3C	12/A551
D05	(E)	METAL	PAIN	METAL	PAIN	SEE L.V.	N/A	N/A
D06	(E)	METAL	PAIN	METAL	PAIN	SEE L.V.	N/A	N/A
D07	(E)	METAL	PAIN	METAL	PAIN	(E) TO REMAIN	N/A	N/A
G01	(N)4'-0" X 8'-0"	METAL	PAIN	METAL	PAIN	06	N/A	16/A112



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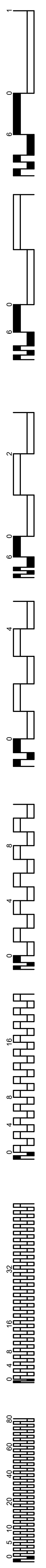
NO.	DESCRIPTION	DATE

DATE: 04/23/2024
 JOB NO.: Y2344.00
 SHEET TITLE

ENLARGED FLOOR PLAN CENTRAL ENROLLMENT LOBBY

SHEET NO.

A112



CONCRETE:

- ALL CONCRETE SHALL BE NORMAL WEIGHT PER ACI 301 AND HAVE PROPORTIONS OF CEMENT, COARSE AND FINE AGGREGATE, WATER AND ADMIXTURES TO PRODUCE THE PROPERTIES SPECIFIED FOR EACH CONCRETE MIX TYPE PER ACI 301 ON THE BASIS OF PREVIOUS FIELD EXPERIENCE OR TRIAL BATCHES.
- CONCRETE SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES. REFER TO PROJECT SPECIFICATIONS (WHERE APPLICABLE) FOR ADDITIONAL REQUIREMENTS:

CLASS	APPLICATION	STRENGTH (MAX W/C) F _c (psi)	RATIO
CLASS A	FOOTINGS	2500	.48

CONCRETE TESTING NOT REQUIRED

 - THE APPROVED PROPORTIONS SHALL BE CAREFULLY MAINTAINED. NO DEVIATION FROM THE APPROVED PROPORTIONS SHALL BE MADE WITHOUT WRITTEN APPROVAL BY ENGINEER.
 - USE ADMIXTURES IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. USE WATER-REDUCING ADMIXTURE THAT WILL NOT RESULT IN SEGREGATION, HONEYCOMBING, OR ROCK POCKETS.
 - ANY OF THE ABOVE MIXES CAN BE USED FLOWABLE (6" MAX SLUMP) IF THE PROPER ADDITION OF ADMIXTURES IS INCLUDED AND THE W/C RATIO IS NOT INCREASED.
 - CEMENT PER ASTM C-150 TYPE I OR TYPE II FLY ASH PER ASTM C-618 CLASS N OR CLASS F UP TO 20% OF PORTLAND CEMENT MAY BE SUBSTITUTED WITH FLY ASH.
 - COARSE AND FINE AGGREGATES PER ASTM C-33.
 - ADMIXTURES AND DOSAGES WILL VARY W/CLIMATE AND JOB SITE REQUIREMENTS. CONTRACTOR IS RESPONSIBLE FOR PROVIDING MIX DESIGN SUITABLE FOR JOB SITE CONDITIONS. ADMIXTURES CONTAINING CHLORIDES ARE NOT PERMITTED.
- ALL DEBRIS SHALL BE REMOVED FROM FORMS AND FOOTING EXCAVATIONS PRIOR TO POURING CONCRETE. NO WOOD STAKES OR FORM SPREADERS SHALL BE PERMITTED IN CONCRETE.
- ALL REINFORCEMENT, ANCHOR BOLTS, AND OTHER EMBEDDED ITEMS SHALL BE SECURED IN POSITION SHOWN ON DRAWINGS PRIOR TO PLACING CONCRETE.
- CONCRETE SHALL BE CONSOLIDATED BY MECHANICAL VIBRATION PER ACI 309 BY MEANS SUITABLE FOR ON SITE CONDITIONS. USE HAND RODDING OR TAMPING AS REQUIRED.
- CONSTRUCTION JOINTS SHALL HAVE ALL LOOSE MATERIAL REMOVED AND SHALL BE INTENTIONALLY ROUGHENED TO 1/2" AMPLITUDE PRIOR TO POURING CONCRETE. CONTRACTOR SHALL SUBMIT CONSTRUCTION JOINT LOCATIONS TO ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION.

CONCRETE REINFORCEMENT:

- DETAIL, FABRICATE, AND PLACE REINFORCING PER ACI 315 AND ACI 318. SUPPORT REINFORCEMENT W/APPROVED CHAIRS, SPACERS, OR TIES.
- REINFORCEMENT SHALL BE DEFORMED BILLET STEEL PER ASTM A-615, GRADE 60. ALL REINFORCEMENT AT BOUNDARY ELEMENTS AND REINFORCEMENT TO BE WELDED SHALL BE ASTM A-706, GRADE 60.
- ALL BENDINGS OF REINFORCEMENT PER ACI. FIELD BENDING OF REINFORCEMENT SHALL NOT BE PERMITTED.
- REINFORCING SHALL BE TIED IN PLACE. TACK WELDING OF REINFORCING IS NOT PERMITTED.
- CONTRACTOR TO TAKE NECESSARY PRECAUTIONS TO INSURE CONCRETE IS PROPERLY CONSOLIDATED AROUND ALL BOLTS, ANCHORAGES, ETC.
- WHERE REINFORCING IS NOT SPECIFIED, REFER TO ACI 318 FOR MINIMUM REINFORCEMENT.
- DEFORMED BAR ANCHORS PER ASTM A-496
- PROVIDE MINIMUM COVER FOR ALL REINFORCING AS FOLLOWS:

APPLICATION	COVER
CONCRETE CAST AGAINST EARTH	3"
CONCRETE EXPOSED TO EARTH OR WEATHER:	
#5 AND SMALLER	1 1/2"
#6 AND LARGER	2"
CONCRETE NOT EXPOSED TO EARTH OR WEATHER:	
SLABS AND WALLS	3/4"
BEAMS AND COLUMNS	1 1/2"

STRUCTURAL STEEL NOTES:

- THE FABRICATION AND ERECTION OF ALL STEEL CONSTRUCTION SHALL CONFORM TO THE 2022 CBC AND THE AISC STEEL CONSTRUCTION MANUAL 15TH EDITION.
- STRUCTURAL STEEL SHAPES SHALL CONFORM TO THE FOLLOWING, UNLESS OTHERWISE NOTED ON DRAWINGS:
 - BARS AND PLATES ASTM A36, Fy = 36 KSI
 - RECTANGULAR HSS ASTM A500, GRADE C, Fy = 50 KSI
- WELDING SHALL BE BY THE ELECTRIC ARC PROCESS (SHIELDED METAL ARC WELDING, FLUX CORE ARC WELDING, GAS METAL ARC WELDING) PER AWS STANDARDS AND BY CERTIFIED WELDERS. REFER TO "QUALIFICATION PROCEDURE" AWS D1.1.
- ALL WELDED JOINTS AND ELECTRODES ARE TO BE "PREQUALIFIED." ALL WELDING ELECTRODES ARE TO BE E70XX UNO. FCAW FILLER METAL WIRE SHALL BE 1/8" MAX DIAMETER AND SMAW FILLER METAL WIRE SHALL BE 1/8" MAX DIAMETER.
- ALL STRUCTURAL STEEL SHALL BE ERECTED PLUM AND TRUE TO LINE. TEMPORARY BRACING SHALL BE INSTALLED AS REQUIRED TO MAINTAIN STABILITY OF THE STRUCTURE UNTIL THE STRUCTURAL SYSTEM IS SUBSTANTIALLY COMPLETE.
- ALL STRUCTURAL STEEL ITEMS EMBEDDED IN CONCRETE AND LOCATED BELOW GRADE SHALL HAVE 3" MINIMUM COVER. ALL STRUCTURAL STEEL ITEMS EMBEDDED IN CONCRETE AND LOCATED ABOVE GRADE AT CONCRETE EXPOSED TO WEATHER SHALL HAVE 1 1/2" MINIMUM COVER.
- HOLES AT STEEL-TO-STEEL CONNECTIONS ARE TO BE 1/8" OVERSIZE AND HOLES AT STEEL COLUMN BASE PLATES ARE TO BE 1" OVERSIZE, UNO.
- STRUCTURAL STEEL IS TO BE SHOP PRIMED WITH ONE COAT, EXCEPT THE BELOW NOTED LOCATIONS, WHERE PRIMER SHALL BE HELD 2" CLEAR:
 - STEEL SURFACES EMBEDDED IN CONCRETE
 - SURFACES TO BE FIELD WELDED
 - CONTACT SURFACES WITH HIGH STRENGTH BOLTED CONNECTIONS
- ALL STRUCTURAL COLUMNS ARE TO BE SET UPON ANCHOR RODS WITH LEVELING NUTS ALLOWING APPROXIMATELY 1/2" ± CLEARANCE. CLEARANCE SPACE UNDER COLUMNS AND BLOCK-OUTS IN CURBS FOR COLUMN PLACEMENT ARE TO BE FILLED WITH A NON-SHRINK, HIGH-STRENGTH, POURABLE GROUT ("MASTERFLOW" BY BASF, 7,000 PSI MIN 28-DAY STRENGTH).

ROUGH CARPENTRY-HARDWARE:

- HARDWARE
 - ALL STEEL CONNECTORS, STRAPS, HANGERS, HARDWARE, ETC SHALL BE BY SIMPSON STRONG-TIE OR APPROVED EQUAL UNO. ATTACH W/FASTENERS PER MFR TO ACHIEVE THE MAXIMUM TABULATED VALUE.
 - HARDWARE COMPONENTS AND FASTENERS INSTALLED AGAINST OR INTO TREATED LUMBER SHALL HAVE CORROSION PROTECTION APPROPRIATE FOR THE TYPE OF CHEMICALS USED IN THE TREATMENT PROCESS. AS A MINIMUM, ALL HARDWARE AND FASTENERS INTO/AGAINST TREATED LUMBER OR IN EXTERIOR APPLICATIONS SHALL BE HOT-DIPPED GALVANIZED (G185 MIN FOR HARDWARE) OR STAINLESS STEEL.
 - INSTALL ALL SPECIFIED FASTENERS BEFORE LOADING THE CONNECTION.
 - NAILS FOR HARDWARE SHALL NOT BE OVERDRIVEN OR DEFORM THE PART. THE CONTRACTOR SHALL VERIFY WITH THE HARDWARE MFR THAT THE PART PUBLISHED CAPACITIES ARE NOT REDUCED AS A RESULT OF THE INSTALLED CONDITION. FASTENER SUBSTITUTIONS FOR HARDWARE ARE NOT ALLOWED UNLESS APPROVED FOR USE BY THE MFR AND THE HARDWARE CAPACITY IS NOT REDUCED.
 - WASHERS AT WOOD CONNECTIONS SHALL BE SQUARE PLATE STEEL OR MALLEABLE IRON W/THE FOLLOWING MIN DIMENSIONS:

FASTENER DIAM.	MIN DIMENSIONS	MIN THICKNESS
1/4"	2" x 2"	3/16"
3/8"	2 1/2" x 2 1/2"	1/4"
1/2"	2 1/2" x 2 1/2"	3/8"
5/8"	3" x 3"	3/8"
1"	3 1/2" x 3 1/2"	1"

ROUGH CARPENTRY-FASTENERS:

- NAILS
 - ALL SPECIFIED NAILS SHALL CONFORM TO ASTM F1667 OR ICC ESR-1539. ALTERNATE FASTENERS MUST HAVE AN ICC EVALUATION REPORT AND MAY NOT BE USED UNLESS APPROVED IN WRITING BY RW CONSULTING ENGINEERS. ALL NAILS SHALL BE FULL ROUND HEAD WITH MINIMUM PROPERTIES AS FOLLOWS:

SPECIFIED FASTENER	MINIMUM NAIL PROPERTIES	APPLICATION
8D	.131" Ø 2 1/2"	1 1/2" SHEATHING
10D	.148" Ø 2 1/2"	1 1/2" SHEATHING
10D	.131" Ø 3"	1 1/2" FRAMING
16D	.131" Ø 3 1/2"	1 1/2" FRAMING
 - NAILS SHALL BE LOCATED AND SPACED TO PREVENT SPLITTING OF WOOD. PREDRILL ALL FASTENERS 75% MAX OF FASTENER DIAMETER WHERE WOOD TENDS TO SPLIT.
 - TOENAILS SHALL BE DRIVEN AT AN ANGLE OF APPROX 30° WITH THE MEMBER AND STARTED APPROX 1/2" THE LENGTH OF THE NAIL FROM THE MEMBER END.
 - NAILS USED IN HARDWARE SHALL BE AS SPECIFIED BY HARDWARE MFR.
 - NAILS INSTALLED IN TREATED LUMBER SHALL HAVE CORROSION PROTECTION APPROPRIATE FOR THE TYPE OF CHEMICALS USED IN THE TREATMENT PROCESS. AS A MINIMUM, NAILS INTO TREATED LUMBER OR IN EXTERIOR APPLICATIONS SHALL BE HOT-DIPPED GALVANIZED PER ASTM A153 CLASS C OR TYPE 316 STAINLESS STEEL.
 - SHEATHING NAILS SHALL BE DRIVEN SO THAT THEIR HEAD OR CROWN ARE FLUSH WITH THE SURFACE OF THE SHEATHING.
- BOLTS
 - ALL SPECIFIED BOLTS IN WOOD FRAMING SHALL CONFORM TO ANSI/ASME STANDARD B18.2.1.
 - HOLES SHALL BE A MIN OF 1/8" TO A MAX OF 1/4" GREATER THAN THE BOLT DIAMETER. HOLES SHALL BE ACCURATELY ALIGNED AND NOT FORCIBLY DRIVEN.
 - BOLTS INSTALLED IN TREATED LUMBER SHALL HAVE CORROSION PROTECTION APPROPRIATE FOR THE TYPE OF CHEMICALS USED IN THE TREATMENT PROCESS. AS A MINIMUM, BOLTS INTO TREATED LUMBER OR IN EXTERIOR APPLICATIONS SHALL BE HOT-DIPPED GALVANIZED PER ASTM A153 CLASS C OR TYPE 316 STAINLESS STEEL.
 - BOLTS SHALL BE INSTALLED WITH A STANDARD CUT WASHER OR PLATE WASHER AT HEAD AND NUT W/CORROSION PROTECTION TO MATCH THE BOLT.
 - ALL BOLTS & NUTS TO BE TIGHTENED DURING INSTALLATION & RE-TIGHTENED JUST PRIOR TO CLOSING IN.

ROUGH CARPENTRY-MATERIALS:

- ALL SAWN LUMBER SHALL BE DOUG FIR UNO AND HAVE MOISTURE CONTENT NOT TO EXCEED 19% AT TIME OF INSTALLATION. EACH PIECE SHALL BEAR THE STAMP OF WCLB OR WWPA SHOWING GRADE MARK.
- ALL SAWN LUMBER TO BE #2DF UNO. MATERIAL IN CONTACT W/CONCRETE SHALL BE PRESSURE TREATED.
- PRESERVATIVE TREATED & PRESSURE TREATED LUMBER
 - SAWN LUMBER TO BE PROTECTED FROM EARTH, WEATHER, EARTH, & CONCRETE/CMU OR WOOD SHALL BE TREATED PRESERVATIVE TREATMENT OR CLEARANCES TO SOIL OR CONCRETE SHALL BE PER CBC 2303.1.9 & 2304.12.1.2
 - FIELD CUTS & HOLES IN TREATED LUMBER SHALL BE PROTECTED IN ACCORDANCE WITH A/P A STANDARD M4
 - CONTRACTOR TO COORDINATE WITH TREATED WOOD SUPPLIER TO DETERMINE THE APPROPRIATE LEVEL OF CORROSION PROTECTION FOR HARDWARE & FASTENERS IN CONTACT WITH WOOD TREATED WITH CORROSIVE CHEMICALS.
- ALL WOOD PANEL STRUCTURAL SHEATHING SHALL BE STAMPED W/APA TRADEMARK AND CONFORM TO MOST CURRENT EDITION OF PS-1 OR PS-2. USE THICKNESS AND NAILING AS SHOWN ON DRAWINGS. SHEATHING SHALL HAVE EXPOSURE RATING AS APPROPRIATE FOR ON-SITE EXPOSURE CONDITIONS DURING CONSTRUCTION AND IN FINAL CONDITION. EQUIVALENT OSB SHALL BE USED IN LIEU OF PLYWOOD. PROVIDE PLYWOOD AT ALL EXPOSED LEAVE CONDITIONS.

DESIGN CRITERIA:

- PROJECT ADDRESS: 5601 47TH AVE SACRAMENTO, CA 95824
 - BUILDING CODE: 2022 CALIFORNIA BUILDING CODE
 - GRAVITY LOADS:

WALL WEIGHTS
WOOD STUD = 10 PSF
 - LATERAL LOADS: RISK CATEGORY III

SEISMIC LOADS (ASCE 7-16)

SITE CLASS	D (ASSUMED)
SEISMIC DESIGN CATEGORY	D
IMPORTANCE FACTOR	1.0

$$S_s = 0.550 \quad S_d = 0.248$$

$$F_a = 1.36 \quad F_v = \text{NULL}$$

$$S_{ds} = 0.748 \quad S_{dv} = \text{NULL}$$

$$S_{ms} = 0.499 \quad S_{mv} = \text{NULL}$$
- LATERAL SYSTEM: STEEL ORDINARY CANTILEVER COLUMN (ASCE 7-16 TABLE 12.2-1; G-2)
EQUIVALENT LATERAL FORCE PROCEDURE
BASE OF STRUCTURE TAKEN AT TOP OF SLAB ON GRADE
- $$R = 1.25 \quad C_s = \frac{S_s}{(R/I)}$$
- $$C_s = 1.25 \quad = 0.399$$
- $$I = 1.0 \quad V(\text{ASD}) = 0.7 \times p \times C_s \times W = 0.279 \times W$$

GENERAL NOTES:

- ALL NEW WORK SHALL CONFORM TO TITLE 24 2022 EDITIONS WITH AMENDMENTS AND ALL OTHER APPLICABLE CODES AND REGULATIONS.
- THIS SET OF STRUCTURAL DRAWINGS IS APPLICABLE ONLY TO THE LISTED PROJECT AND SITE LOCATION.
- NOTES ON THIS SHEET ARE TYPICAL AND SHALL APPLY UNLESS OTHERWISE NOTED OR SHOWN. TYPICAL DETAILS SHALL APPLY FOR ALL LIKE CONDITIONS UNLESS OTHERWISE NOTED OR DETAILED.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS, ELEVATIONS, EXISTING CONDITIONS, AND OTHER RELATED ITEMS. THE CONTRACTOR SHALL REVIEW THE CONTRACT DOCUMENTS PRIOR TO CONSTRUCTION AND SHALL NOTIFY THE ENGINEER OF RECORD IF ANY CONFLICTS ARE SHOWN OR NOTED.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFORM TO RELEVANT SECTIONS OF THE CALIFORNIA "CONSTRUCTION SAFETY ORDERS" AND ALL OSHA REQUIREMENTS. THE ENGINEER OF RECORD ACCEPTS NO RESPONSIBILITY FOR THE CONTRACTOR'S FAILURE TO COMPLY W/ THESE REQUIREMENTS.
- STRUCTURAL DRAWINGS REPRESENT THE FINISHED STRUCTURE, AND DO NOT INDICATE THE MEANS OR METHODS OF CONSTRUCTION. DESIGN AND CONSTRUCTION OF ALL TEMPORARY BRACING, SHORING, FORMWORK, ETC REQUIRED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

INSPECTION NOTES:

- ALL TESTS AND INSPECTIONS ARE TO BE PROVIDED BY A QUALIFIED TESTING LAB OF RECORD, HIRED BY THE DISTRICT.
- ALL TESTS AND INSPECTIONS SHALL CONFORM TO CHAPTER 17 OF THE 2022 CBC.

FOUNDATION NOTES:

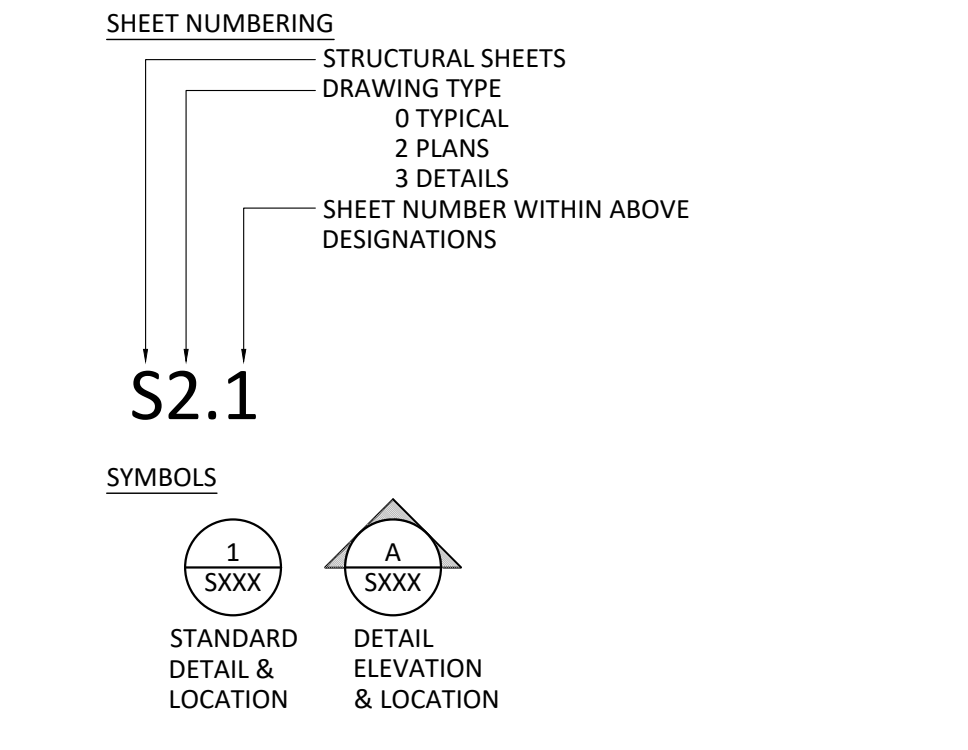
- FOUNDATIONS ARE DESIGNED BASED ON PRESCRIPTIVE REQUIREMENTS OF CBC TABLE 1806.2 AS FOLLOWS:

PROPERTY	VALUE
SOIL BEARING	1500 PSF
LATERAL BEARING	200 PCF
- FOOTINGS SHALL BEAR ON FIRM, DRY, UNDISTURBED SOIL OR COMPACTED FILL PER SOILS REPORT. FOOTING DEPTHS INDICATED ON THE PLANS ARE MINIMUM. AREAS OVER EXCAVATED SHALL BE BACKFILLED W/COMPACTED STRUCTURAL FILL PER SOILS REPORT OR LEAN CONCRETE (F'C=1000 PSI) AT CONTRACTOR'S EXPENSE.
- CONTRACTOR TO NOTIFY ENGINEER OF RECORD IMMEDIATELY WHERE JOB SITE CONDITIONS ARE DIFFERENT THAN SHOWN ON CONTRACT DOCUMENTS.
- ALL FOOTINGS NOT FORMED SHALL BE POURED INTO NEAT EXCAVATIONS. PRECAUTIONS SHALL BE TAKEN TO PREVENT SLOUGHING OF SOIL INTO THE FOOTING EXCAVATION PRIOR TO AND DURING THE PLACEMENT OF CONCRETE.

STRUCTURAL SHEET INDEX:

- | | |
|------|---------------------------------|
| S0.1 | GENERAL NOTES & TYPICAL DETAILS |
| S2.1 | FOUNDATION & WALL FRAMING PLAN |
| S2.2 | SOFFIT FRAMING PLAN |
| S3.1 | WALL LINE ELEVATIONS |
| S4.1 | DETAILS |
- ABBREVIATIONS:**
- | | |
|-------|---|
| @ | AT |
| AISC | AMERICAN INSTITUTE OF STEEL CONSTRUCTION |
| AISS | AMERICAN IRON AND STEEL INSTITUTE |
| ARCH | ARCHITECT/ARCHITECTURAL |
| ASTM | AMERICAN SOCIETY OF TESTING AND MATERIALS |
| AWIS | AMERICAN WELDING SOCIETY |
| B.O. | BOTTOM OF |
| CBC | CALIFORNIA BUILDING CODE |
| CFS | COLD-FORMED STEEL |
| Ø | DIAMETER |
| DWG/S | DRAWINGS |
| F.O. | FACE OF |
| L | STEEL ANGLE |
| MAX | MAXIMUM |
| MIN | MINIMUM |
| NTS | NOT TO SCALE |
| # | NUMBER OR POUNDS |
| ce | CENTER TO CENTER |
| ov/ | OVER |
| SEOR | STRUCTURAL ENGINEER OF RECORD |
| SMS | SHEET METAL SCREW |
| T & B | TOP AND BOTTOM |
| THRU | THROUGH |
| T.O. | TOP OF |
| TYP | TYPICAL |
| UNO | UNLESS NOTED OTHERWISE |
| w/ | WITH |

DRAWING STANDARDS:



AGENCY APPROVAL

SCUSD CENTRAL ENROLLMENT LOBBY SECURITY UPGRADE

SACRAMENTO CITY UNIFIED SCHOOL DISTRICT

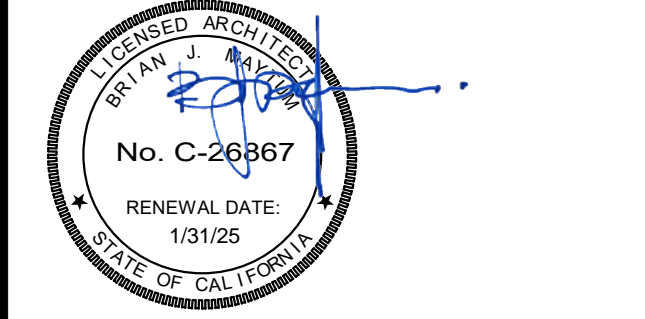
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JOB NO.: Y2344.00
SHEET TITLE

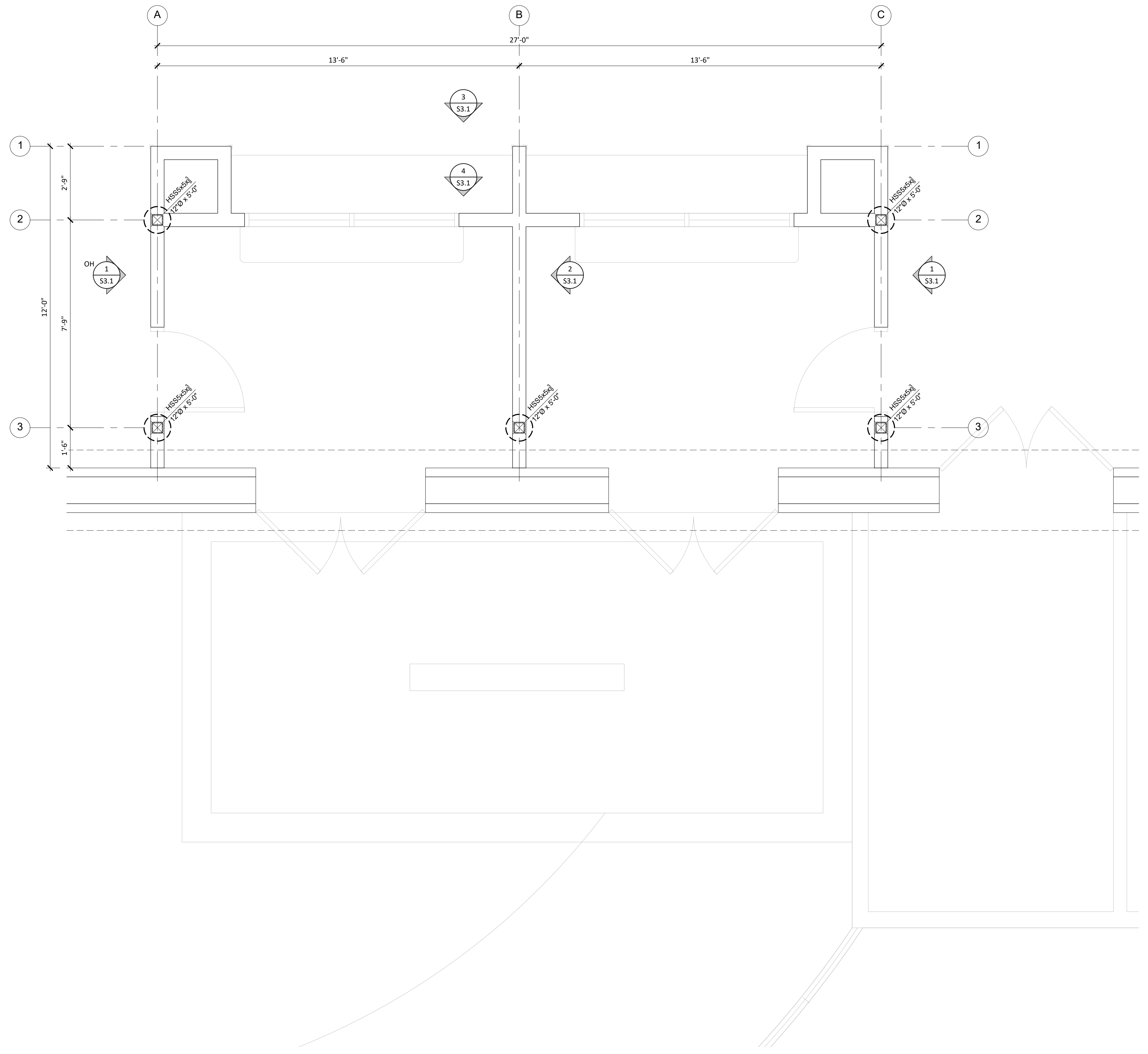
GENERAL NOTES & TYPICAL DETAILS

SHEET NO.

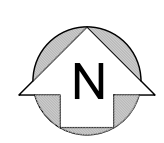
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- SYMBOL LEGEND:**
- (N) 2x6 @ 16"cc WALL FRAMING - ATTACH BASE PER 2/S4.1
 - (E) WALLS TO REMAIN
 - (N) DRILLED PIER - SEE 1/S4.1
 - X
S3.X DETAIL REFERENCE
 - X
S3.X ELEVATION REFERENCE
 - 6 PLAN NOTE SPECIFIC TO THIS SHEET
 - HSS5x5x1/2
12"Ø x 5'-0" COLUMN SIZE W/ FOUNDATION SIZE BELOW



FOUNDATION & WALL
FRAMING PLAN
1/2" = 1'-0"



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**SCUSD CENTRAL ENROLLMENT
LOBBY SECURITY UPGRADE**

5601 47th Avenue
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SACRAMENTO CITY UNIFIED SCHOOL DISTRICT

**RW CONSULTING
Engineers Inc**

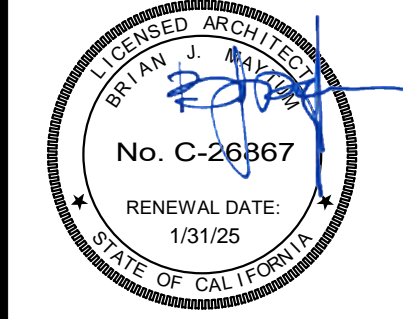
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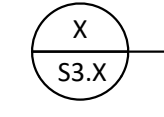
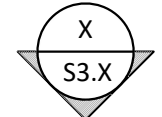
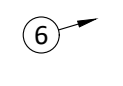

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FOUNDATION & WALL
FRAMING PLAN

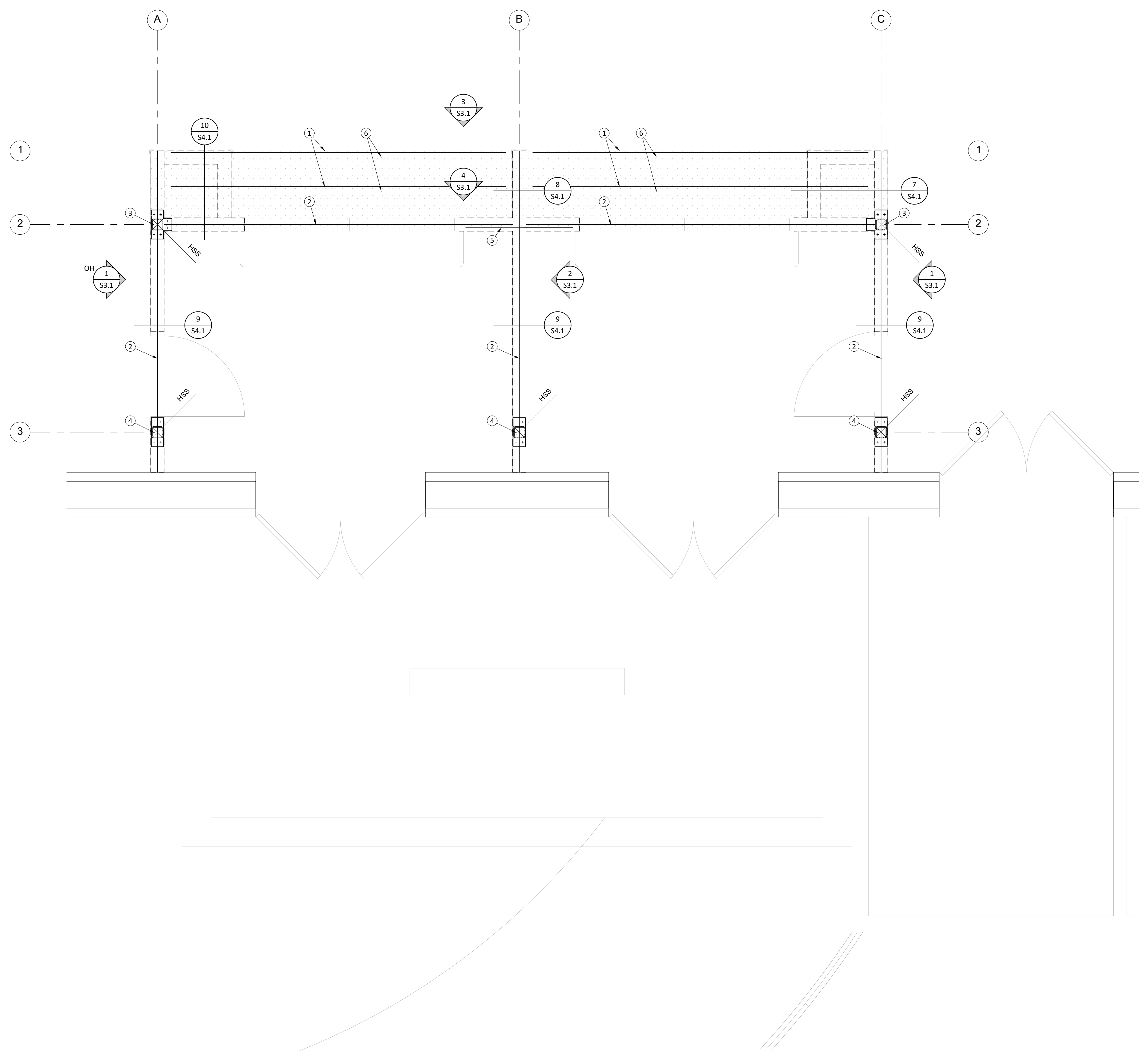
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SYMBOL LEGEND:

 DETAIL REFERENCE
  ELEVATION REFERENCE
 PLAN NOTE SPECIFIC TO THIS SHEET
 SP ov/TOP OF JOISTS

- SOFFIT FRAMING PLAN KEY NOTES:**
- 1) 2x6 @ 16"cc
 - 2) 4x6 FLAT ALONG TOP OF WALL, TYP
 - 3) COLUMN CAP BELOW FLAT 4x6 - SEE 3/S4.1
 - 4) COLUMN CAP BELOW FLAT 4x6 - SEE 4/S4.1
 - 5) SIMPSON MSTA24 STRAP OVER TOP OF FLAT 4x6
 - 6) 2x6 @ 16"cc @ SOFFIT



SOFFIT FRAMING PLAN
 $\frac{1}{2}'' = 1'-0''$ 

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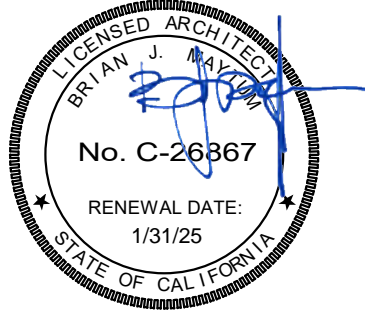
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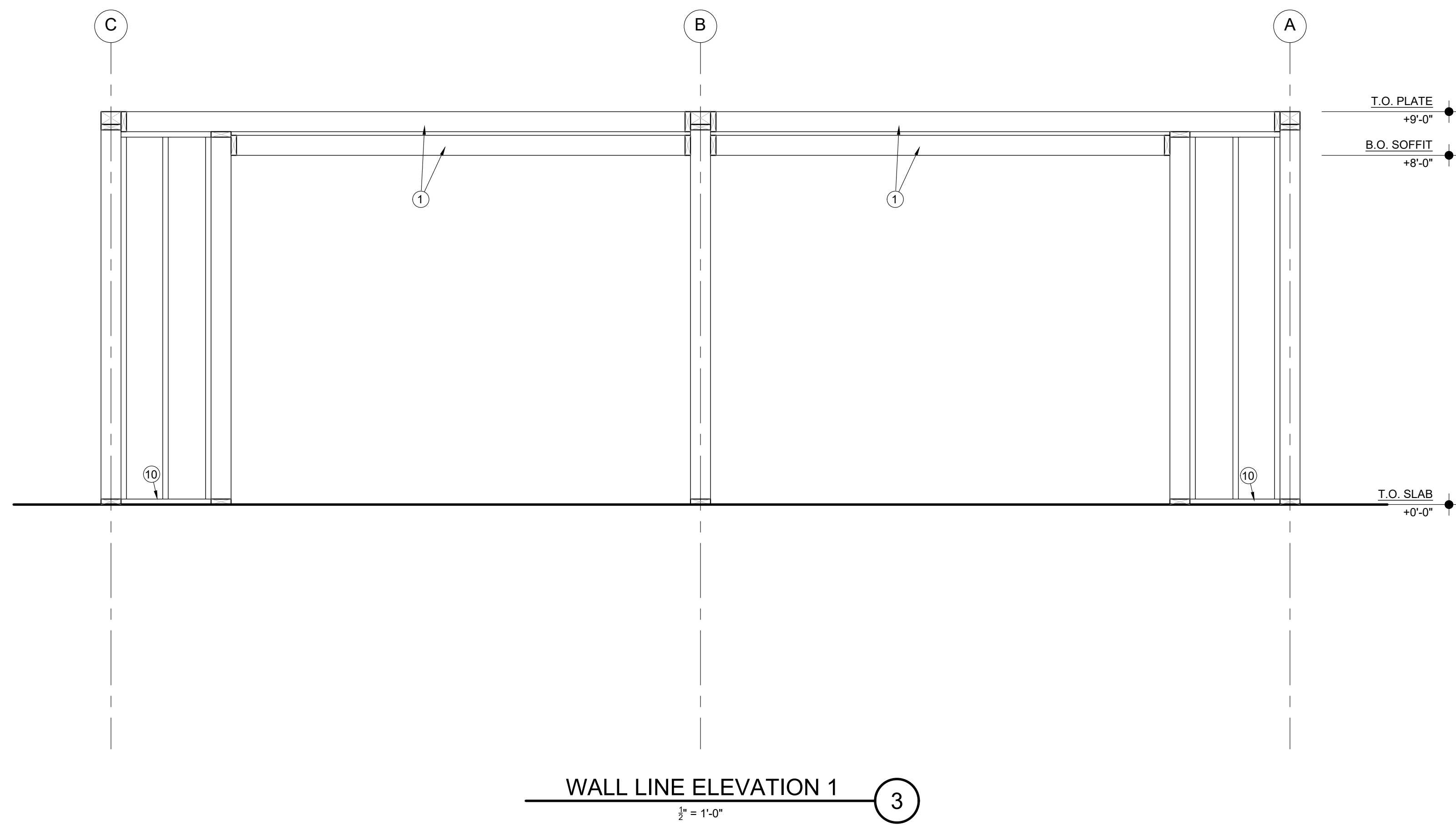
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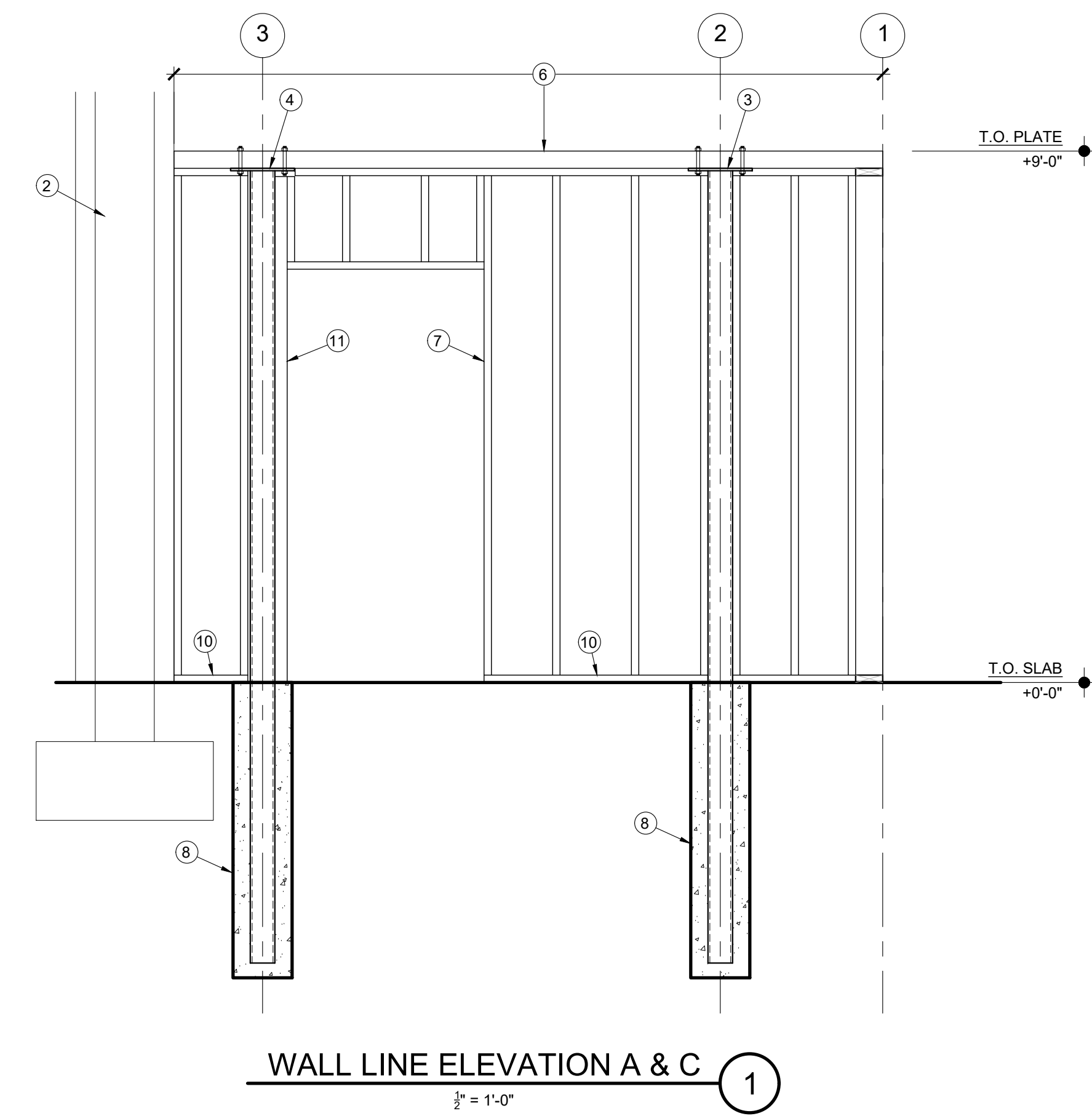
SOFFIT FRAMING PLAN

SHEET NO.

S2.2

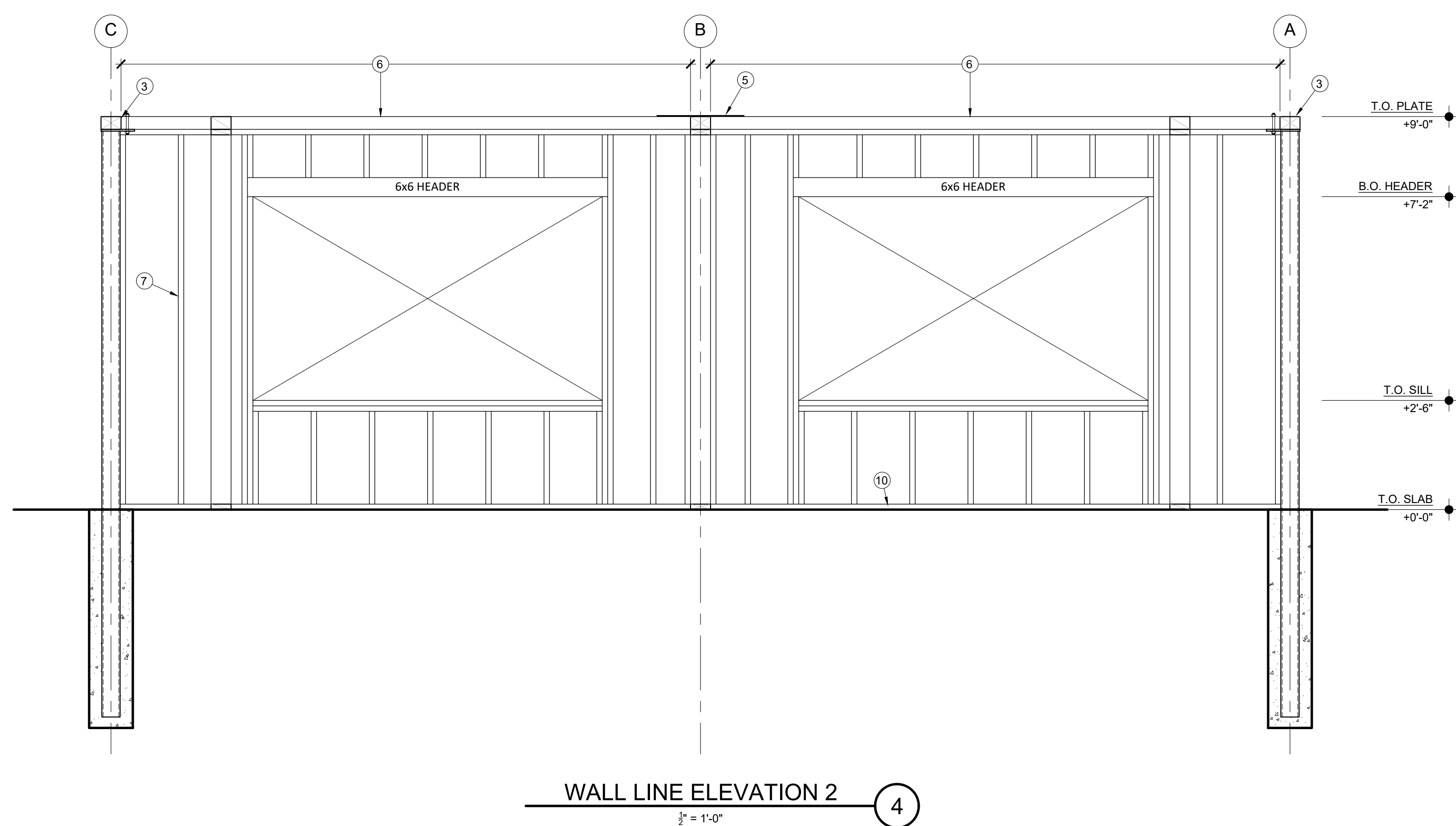


WALL LINE ELEVATION 1
 $\frac{1}{2}'' = 1'-0''$ (3)

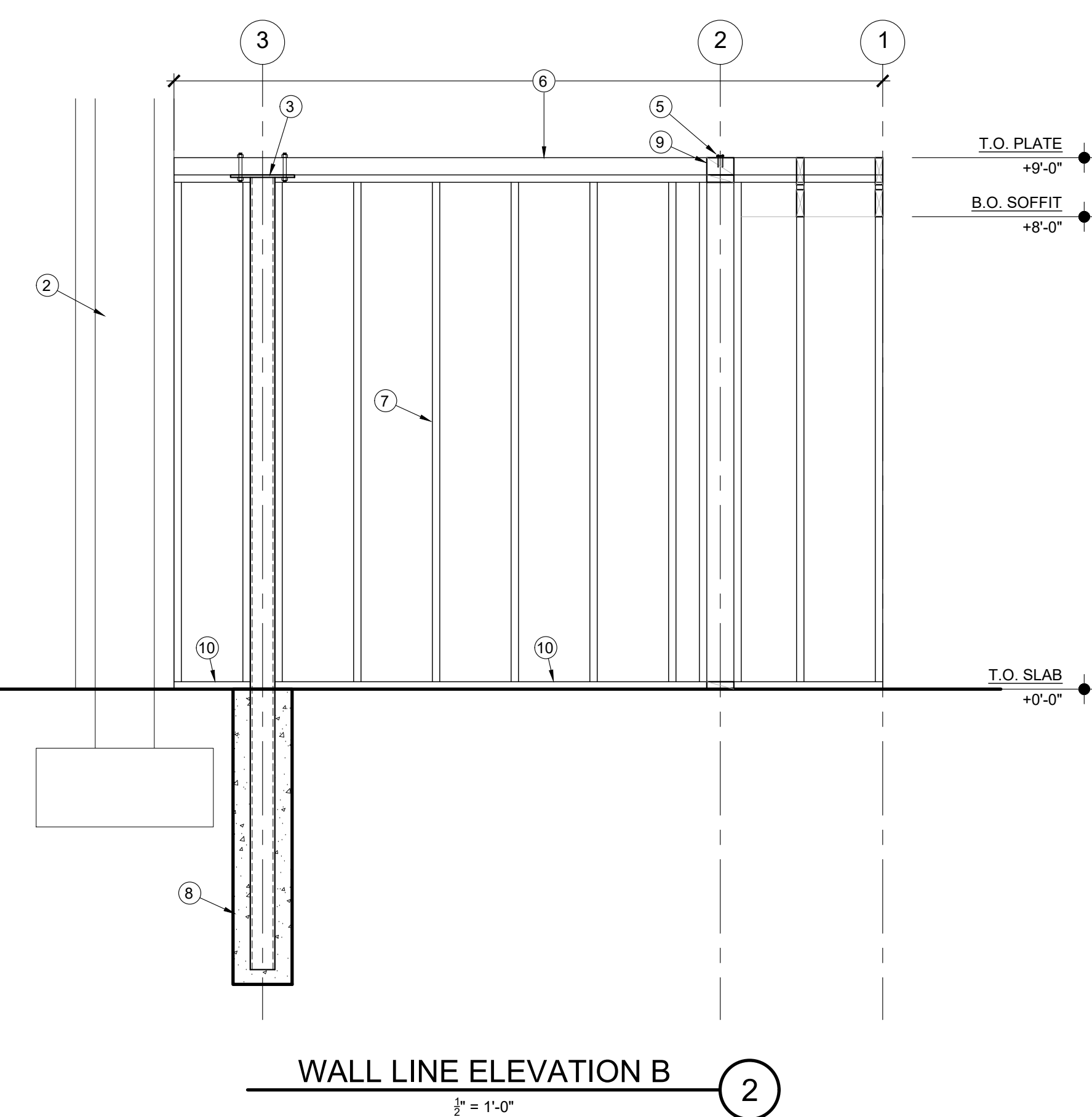


WALL LINE ELEVATION A & C
 $\frac{1}{2}'' = 1'-0''$ (1)

- WALL LINE ELEVATION KEY NOTES:**
- ① SOFFIT FRAMING PER SOFFIT FRAMING PLAN
 - ② EXISTING WALL TO REMAIN
 - ③ COLUMN CAP BELOW FLAT 4x6 - SEE 3/S4.1
 - ④ COLUMN CAP BELOW FLAT 4x6 - SEE 4/S4.1
 - ⑤ SIMPSON MSTA24 STRAP OVER TOP OF FLAT 4x6
 - ⑥ CONT SINGLE PIECE 4x6 TOP PLATE
 - ⑦ 2x6 @ 16"cc
 - ⑧ HSS EMBEDDED INTO DRILLED CONC PIER, SEE 1/S4.1
 - ⑨ 4x6 TOP PLATE TIGHT FIT TO CONT 4x6 TOP PLATE
 - ⑩ 2x6 PT SILL w/ANCHORAGE PER 2/S4.1
 - ⑪ 3x6 NAILER, ATTACH TO HSS COL w/3/8" A307 BOLTS @ 24"cc



WALL LINE ELEVATION 2
 $\frac{1}{2}'' = 1'-0''$ (4)



WALL LINE ELEVATION B
 $\frac{1}{2}'' = 1'-0''$ (2)

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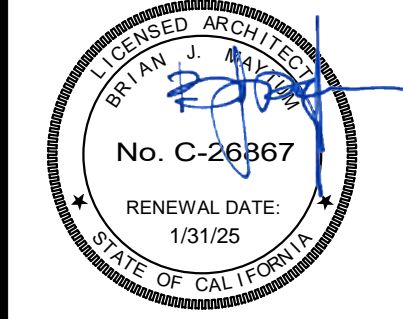
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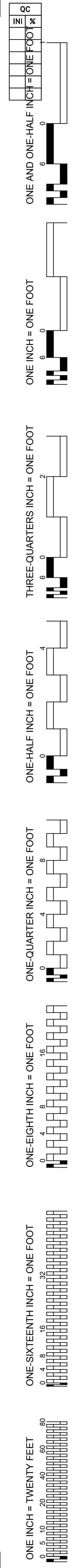
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WALL LINE ELEVATIONS

SHEET NO.

S3.1



GENERAL NOTES:

1. MOUNTING HEIGHT IS TO THE CENTER OF EQUIPMENT. U.O.N. MOUNTING HEIGHTS OF SUSPENDED LIGHT FIXTURES ARE TO THE BOTTOM OF THE FIXTURE. U.O.N.
2. RECEPTACLES AND DEVICES INSTALLED ABOVE COUNTER SHALL HAVE THE BOTTOM OF COVER PLATE AT APPROX 2-INCHES ABOVE COUNTER OR BACKSPLASH.
3. CAP ALL EMPTY CONDUITS FOR FUTURE USE WATERTIGHT WITH MANUFACTURERS END CAP, WITH PULL STRING ATTACHED.
4. SEAL ALL EXTERIOR WALL PENETRATIONS WATERTIGHT WITH SILICONE GROUT.
5. SEAL ALL WALL AND CEILING PENETRATIONS WITH GROUT. WHERE CONDUITS PENETRATE FIRE RATED BARRIERS, SEAL PENETRATIONS WITH FIRE RATED COMPOUND TO MATCH OR EXCEED BARRIER RATING.
6. PENETRATIONS OF FIRE RATED ASSEMBLIES SHALL BE SEALED AS REQUIRED BY CBC.
7. ALL CONDUITS AND BOXES ON THE EXTERIOR SHALL BE PAINTED TO MATCH THE ADJACENT FINISH.
8. WHERE FIRE RATED CONSTRUCTION IS REQUIRED (REFER TO ARCHITECTURAL DRAWINGS), DO NOT LOCATE ELECTRICAL OUTLET BOXES BACK-TO-BACK. PROVIDE MINIMUM 24" HORIZONTAL SEPARATION BETWEEN OUTLET BOXES PER CBC.
9. FIRE STOPPING SHALL BE PROVIDED WHERE PENETRATING ITEMS PASS ENTIRELY THROUGH BOTH PENETRATIVE MEMBRANES OF BEARING WALLS REQUIRED TO HAVE A FIRE-RESISTIVE RATING AND WALLS REQUIRING PROTECTED OPENINGS. FIRE STOPPING SHALL ALSO BE PROVIDED AT PENETRATIONS OF FIRE RESISTIVE FLOORS AND FLOORS WHICH ARE PART OF A CEILING-FLOOR ASSEMBLY. FIRE-STOPPING SHALL HAVE AN "F" AND/OR "T" RATING AS DETERMINED BY TESTS CONDUCTED IN ACCORDANCE WITH CBC STD. 404.
10. JUNCTION BOXES, CABINETS, EQUIPMENT ENCLOSURES, SWITCHES, PANELS, ETC. INSTALLED OUTDOORS, OR IN WET OR DAMP LOCATIONS, SHALL BE RATED NEMA-3R FOR OUTDOOR ENVIRONMENTS. PROVIDE MINIMUM 1/4" AIR GAP BETWEEN ENCLOSURE AND WALL SURFACE. PROVIDE GALVANIZED METAL CHANNELS FOR MOUNTING ENCLOSURE ONTO WALL AS REQUIRED.
11. ALL BOXES FOR LIGHT SWITCHES SHALL HAVE CIRCUIT ID HANDWRITTEN (WITH PERMANENT FELT PEN) ON THE BACK INSIDE OF THE BOX.
12. ALL RECEPTACLES SHALL HAVE CIRCUIT ID ON THE COVERPLATE. USE TYPEWRITTEN "CLEAR TAPE". CLEAN SURFACE BEFORE ADHESIVE TAPE IS APPLIED. SAMPLE, "HA-11". WRAP AROUND SIDES OF PLATE TO MITIGATE PEELING.
13. ALL WIRING SHALL BE IN CONDUIT. ALL CIRCUITS SHALL BE CONCEALED EXCEPT THAT ON EXISTING SURFACE AND IN DRY LOCATIONS WHERE NECESSARY AND ACCEPTABLE TO THE ARCHITECT. SURFACE METAL RACEWAY (SMR) CAN BE USED. WIREMOLD OR EQUAL. 1/2" CONDUIT WITH #12 AND LESS WIRES SHALL CORRESPOND TO A V500 RACEWAY, OTHERWISE USE V700 FOR MORE THAN #12 3/4" CONDUIT. 1" CONDUIT SHALL CORRESPOND TO A V2000. 1-1/4" CONDUIT SHALL CORRESPOND TO A V2400BC. SMR SHALL BE IVORY COLOR AND SHALL BE SECURED TO SURFACES WITH 2 HOLE STRAPS. PROVIDE ALL FITTINGS, ADAPTERS, COUPLINGS, BOXES, ETC. AS REQUIRED FOR A COMPLETE SYSTEM. PROVIDE MATCHING SURFACE OUTLET BOX. PAINT TO MATCH ADJACENT FINISH.
14. DEVICE AND EQUIPMENT HEIGHTS SHALL BE COORDINATED WITH ARCHITECTURAL PLANS AND ELEVATIONS. CONFLICTS SHALL BE ADDRESSED TO THE ARCHITECT PRIOR TO ROUGH-IN.

EXISTING CONDITIONS:

1. DEVICES / EQUIPMENT AND CIRCUITING SHOWN AS EXISTING AND/OR EXISTING TO BE REMOVED ARE BASED ON REVIEW OF EXISTING AVAILABLE DOCUMENTS AND VISUAL FIELD VERIFICATION. SUCH INFORMATION MAY NOT BE ACCURATE. PRIOR TO DEMOLITION AND CONSTRUCTION, CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS TO DETERMINE ACCURACY. WHERE EXISTING CONDITIONS DO NOT REFLECT THE INFORMATION SHOWN ON THE PLANS, AND WHERE CONTRACTOR'S INVESTIGATION CANNOT DETERMINE THE PROPER ADJUSTMENTS NEEDED TO MEET THE INTENT OF THE DESIGN, CONTRACTOR SHALL INFORM ARCHITECT.
2. EXISTING CIRCUITS AND HOMERUNS WERE BASED ON EXISTING DOCUMENTS.
3. REVISE EXISTING PANEL SCHEDULES TO REFLECT THE NEWLY CONNECTED LOADS AND SPARE CIRCUITS.
4. DO NOT REUSE ANY REMOVED MATERIALS SUCH AS CONDUIT, WIRE, BOXES, FITTINGS, ETC.

DEMOLITION NOTES:

1. ELECTRICAL EQUIPMENT AND DEVICES INDICATED TO BE REMOVED SHALL BE REMOVED INCLUDING OUTLET BOX, CONDUIT, AND WIRES. MAINTAIN CIRCUIT CONTINUITY TO EXISTING DEVICES. BOXES AND CONDUITS MAY BE ABANDONED WHERE CONCEALED IN WALLS OR CONCEALED ABOVE CEILINGS WHERE SUCH AREAS ARE NOT A PART OF THE OVERALL DEMOLITION OR NEW CONSTRUCTION. ALL WIRING IN ABANDONED CONDUITS AND BOXES SHALL BE REMOVED. ABANDONED BOXES IN WALLS SHALL BE PERMANENTLY COVERED OVER.
2. ELECTRICAL EQUIPMENT AND DEVICES INDICATED TO REMAIN SHALL REMAIN WITH CIRCUIT CONTINUITY MAINTAINED. FOR EQUIPMENT THAT FEEDS OTHER DEVICES/EQUIPMENT, MAINTAIN CIRCUIT CONTINUITY TO ALL SUCH DEVICES/EQUIPMENT THAT IT FEEDS THAT ARE TO REMAIN (NOT REMOVED).
3. ONCE REMOVED, EQUIPMENT, DEVICES, CONDUIT, WIRING, BOXES, ETC. SHALL NOT BE REUSED UNLESS SPECIFICALLY NOTED TO BE RELOCATED.

ABBREVIATIONS AND DESIGNATIONS

- (D) DEMOLITION, DEMOLISH
- (E) EXISTING.
- FACP FIRE ALARM CONTROL PANEL.
- GFCI GROUND FAULT CIRCUIT INTERRUPTER.
- GFI GROUND FAULT INTERRUPTER.
- GND GROUND.
- LED LIGHT EMITTING DIODE.
- MT EMPTY CONDUIT WITH PULL CORD.
- MTC CONDUIT WITH WIRING AS INDICATED OR AS REQUIRED.
- (N) NEW.
- NA NOT APPLICABLE.
- NIC NOT IN CONTRACT.
- NIES NOT IN ELECTRICAL SECTION OF THESE PLANS & SPECIFICATIONS.
- OS OCCUPANCY SENSOR.
- PB PULL BOX.
- PNL PANEL.
- SWBD SWITCHBOARD.
- TBB TELEPHONE BACKBOARD.
- U/G UNDERGROUND
- UON UNLESS OTHERWISE NOTED.
- UPS UNINTERRUPTABLE POWER SUPPLY.
- XMFR TRANSFORMER.

ELECTRICAL SYMBOLS LIST

- EXISTING LIGHT FIXTURES TO BE REMOVED.
- EXISTING EXIT LIGHT TO BE REMOVED.
- EXISTING EMERGENCY LIGHTING FIXTURE TO BE REMOVED.
- EXISTING SWITCHES TO BE REMOVED.
- L.E.D. LIGHTING FIXTURE - RECESSED.
- EXIT LIGHT FIXTURE, CONNECTED AHEAD OF LIGHT SWITCH, PROVIDE DIRECTION ARROWS WHERE INDICATED.
- SINGLE POLE TOGGLE SWITCH, +45°.
- KEYED SWITCH +45°.
- MOMENTARY CONTACT SWITCH, +45°.
- SWITCH SUBSCRIPTS - a= DEVICE CONTROLLED, k= KEY, p= PILOT LIGHT.
- WALL MOUNTED SINGLE CIRCUIT MOTION SENSOR SWITCH, +45°.
- DIMMER SWITCH, SLIDE TYPE SIZE AS REQUIRED, +45°.
- FUSED DISCONNECT SWITCH, SIZE AND TYPE AS REQUIRED, PROVIDE FUSES AS RECOMMENDED BY EQUIPMENT MANUFACTURER.
- LIGHTING CONTROL SWITCH, +45°. SEE WIRING DIAGRAM A/E5.1.6.
- CEILING MOUNTED OCCUPANCY SENSOR SWITCH. SEE WIRING DIAGRAM A/E5.1.6.
- FLEX CONDUIT MUST ALLOW 6" OF MOVEMENT IN ANY HORIZONTAL DIRECTION.
- CONDUIT CONCEALED BELOW FLOOR OR GRADE.
- CONDUIT CONCEALED IN CEILING OR WALL.
- HOMERUN TO RESPECTIVE PANEL OR TERMINAL.
- INDICATES #12 (GREEN) GROUND WIRE, OTHER SIZES AS INDICATED.
- INDICATES END OF CIRCUIT INDICATED.
- EXISTING CONDUIT RUN TO REMAIN "AS-IS".
- EXISTING CONDUIT RUN TO BE REMOVED OR ABANDONED. REMOVE JUNCTION BOXES, PULL-BOXES, TERMINAL CABINETS, ETC.
- NOTE:** BRANCH CIRCUIT WITHOUT FURTHER DESIGNATION IS A 2#12 WIRE CIRCUIT. FOR MORE THAN 2#12 WIRES AS FOLLOWS: 3#12, 4#12, ETC. FOR OTHER SIZES AS FOLLOWS: 3#10, 4#6, ETC.
- NUMBER CONSTRUCTION NOTES SPECIFIC TO THE SHEET.
- PULL BOX, SIZE AS REQUIRED.
- JUNCTION BOXES, SIZE & TYPE AS REQUIRED.
- 15 AMP DUPLEX RECEPTACLE, +18°.
- SPECIAL PURPOSE RECEPTACLE: "XX-XX" DENOTES NEMA CONFIGURATION.
- PANELBOARD - SEE PANEL SCHEDULE ON SHEET E8.2.1 & E8.2.2.
- TERMINAL CABINET SEE PLAN FOR TYPE.
- TRANSFORMER, FOR SIZE & TYPE SEE SCHEDULE, SHEET E4.1.2.

LIGHTING FIXTURE SCHEDULE

TAG	DESCRIPTION	MANUFACTURER	COLOR TEMP	LAMPS	WATTS	MOUNTING	NOTES
C	4-INCH ROUND CANLESS LED DOWNLIGHT	HALO LCR4-08-RD-9FS-E020	3500K	LED	9W	RECESSED	1
W	DECORATIVE WALL MOUNT ABOVE VISITOR WINDOW	LIGHTWAY VTFV-F1Y-3500-XX-WS-T24	3500K	LED	30W	WALL SURFACE	1.2

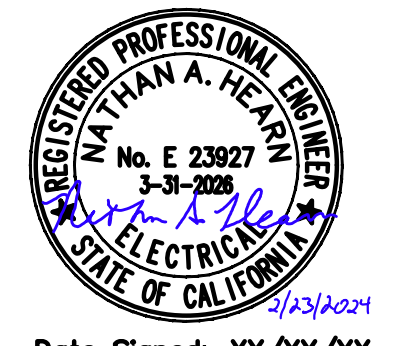
- NOTES:
1. CONFIRM EXACT MODEL NUMBER AND ALL MOUNTING HARDWARE REQUIRED FOR INSTALLATION SPECIFIED PRIOR TO ORDERING
 2. VERIFY FINISH WITH ARCHITECT
- GENERAL NOTES:
- A. THIS LIGHTING SCHEDULE IS NOT COMPLETE WITHOUT A COPY OF THE PROJECT MANUAL CONTAINING ELECTRICAL SPECIFICATIONS.
 - B. SPECIFIED MANUFACTURERS ARE APPROVED TO SUBMIT BID. INCLUSION DOES NOT RELIEVE MANUFACTURER FROM SUPPLYING PRODUCT AS DESCRIBED.
 - C. PROVIDE SUBMITTALS THAT INCLUDE LIGHTING FIXTURE, LED, AND DRIVER INFORMATION FOR EACH FIXTURE. WITH APPLICABLE OPTIONS CLEARLY CHECKED OR HIGHLIGHTED. SUBMITTALS NOT INCLUDING THIS INFORMATION WILL BE RETURNED AS REJECTED BY THE ENGINEER OF RECORD.
 - D. PROVIDE COMMISSIONING OF THE LIGHTING AND LIGHTING CONTROLS IN ACCORDANCE WITH CALIFORNIA TITLE 24 COMMISSIONING REQUIREMENTS.

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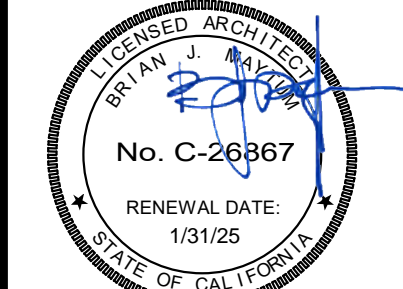


Date Signed: XX/XX/XX



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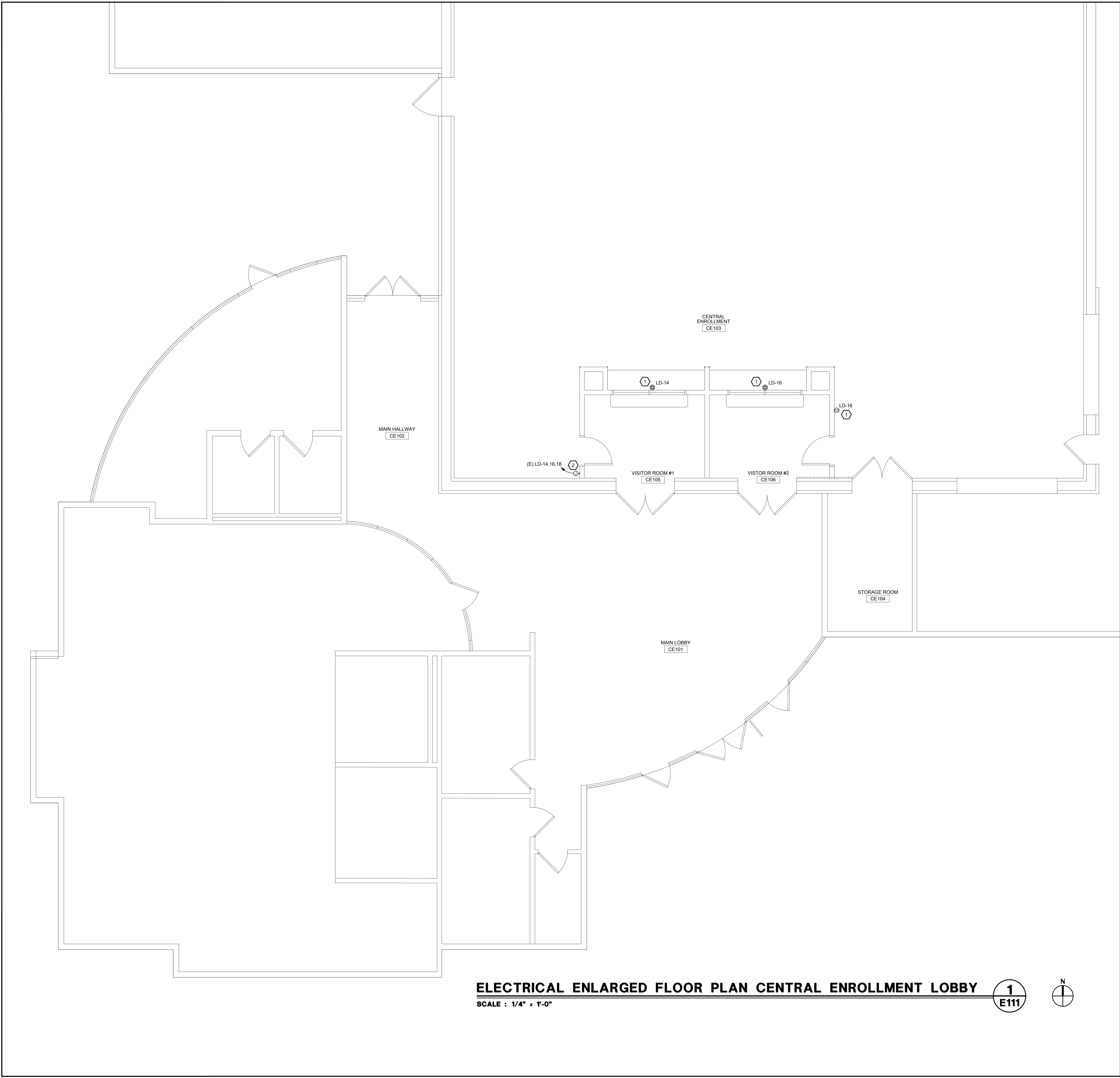
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SHEET TITLE

ELECTRICAL
LEGEND & NOTES

SHEET NO.

E001

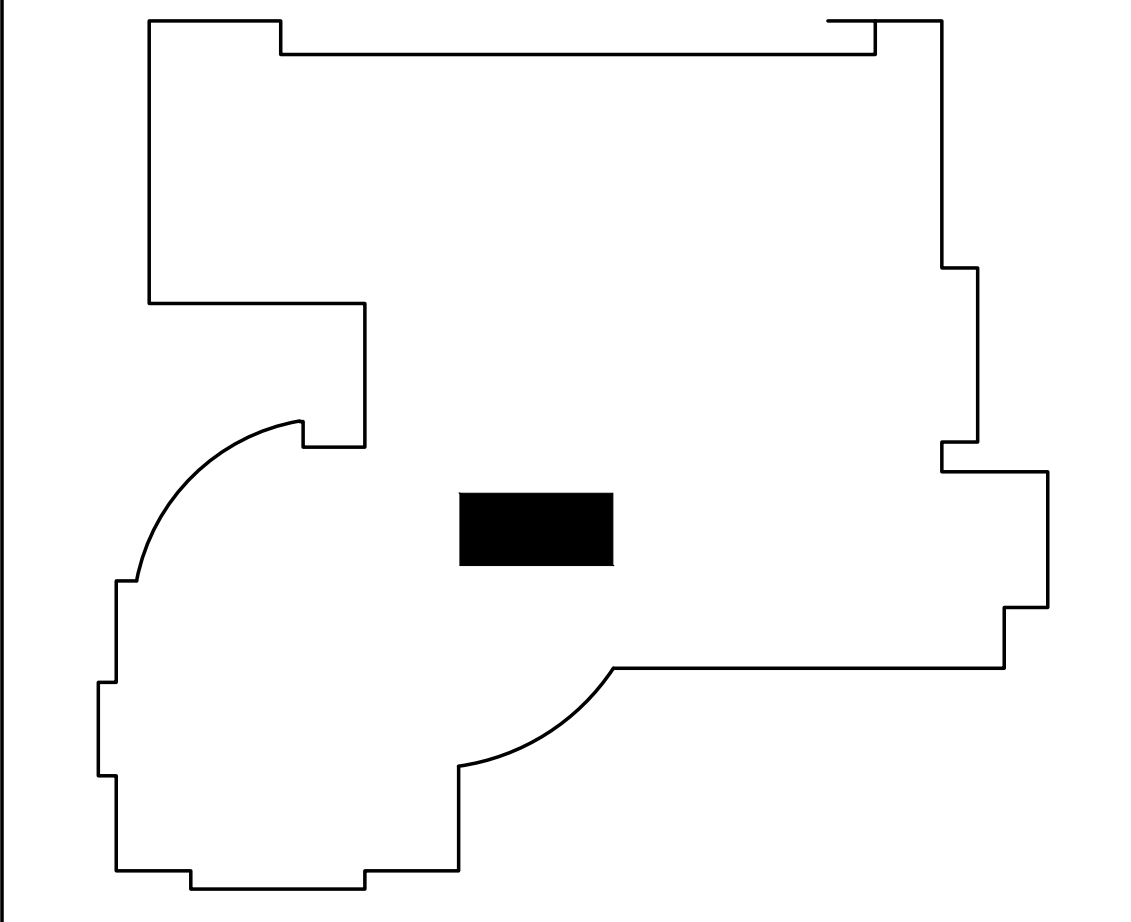
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 0 5 10 20 40 60 80
 ONE INCH = TEN FEET
 0 5 10 20 30 40 50 60 70 80
 ONE SIXTEENTH INCH = ONE FOOT
 0 4 8 12 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80
 ONE EIGHTH INCH = ONE FOOT
 0 4 8 12 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80
 ONE QUARTER INCH = ONE FOOT
 0 4 8 12 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80
 ONE HALF INCH = ONE FOOT
 0 4 8 12 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80
 THREE QUARTERS INCH = ONE FOOT
 0 4 8 12 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80
 ONE INCH = ONE FOOT
 0 6 12 18 24 30 36 42 48 54 60 66 72 78 84 90 96 102 108 114 120
 ONE AND ONE HALF INCH = ONE FOOT
 0 6 12 18 24 30 36 42 48 54 60 66 72 78 84 90 96 102 108 114 120
 ONE AND ONE HALF INCH = ONE FOOT
 0 6 12 18 24 30 36 42 48 54 60 66 72 78 84 90 96 102 108 114 120



ELECTRICAL ENLARGED FLOOR PLAN CENTRAL ENROLLMENT LOBBY 1
 SCALE : 1/4" = 1'-0" E111

KEY NOTES:
 ① EXTEND EXISTING CIRCUIT THROUGH NEW WALLS TO NEW DEVICE. 3/4" C., 2#12, #12G.
 ② J-BOX RELOCATED TO NEW WALL, FLUSH MOUNTED. EXTEND (E) CONDUIT AND CONDUCTORS TO MAINTAIN ALL (E) CONNECTIONS TO REMAIN.

KEY PLAN



AGENCY APPROVAL

SCUSD CENTRAL ENROLLMENT LOBBY SECURITY UPGRADE

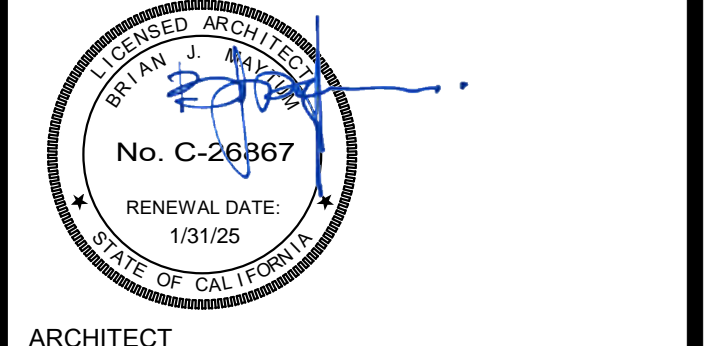
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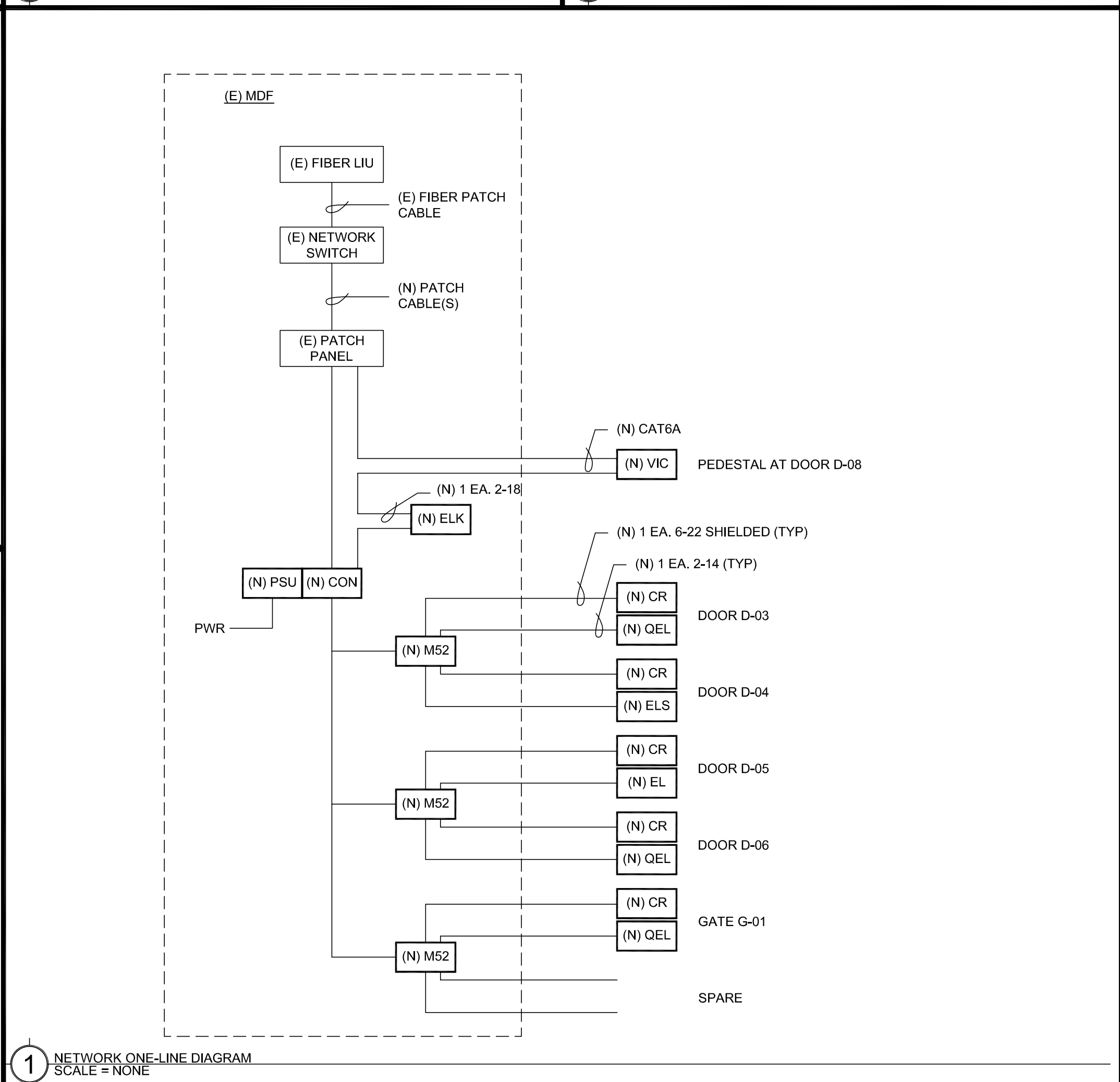
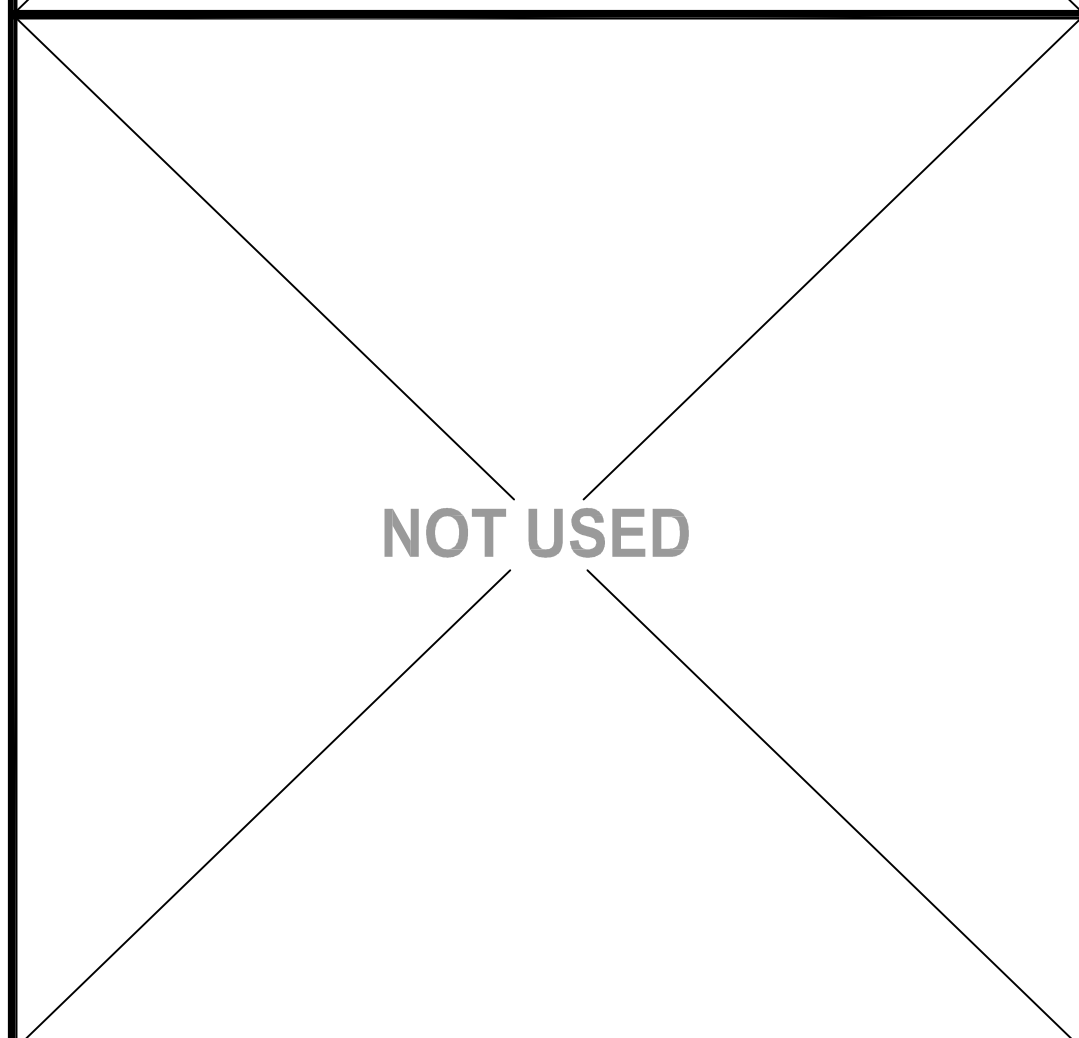
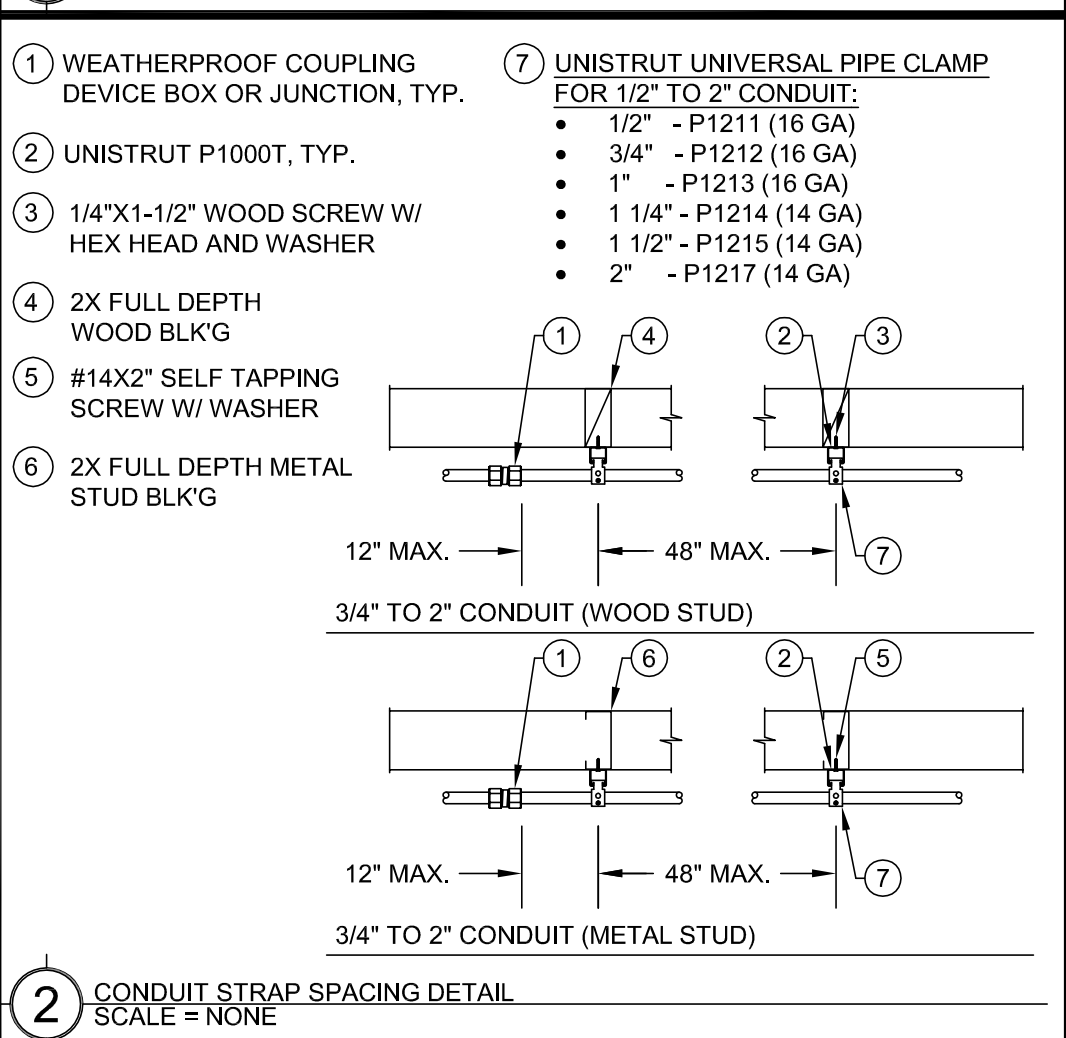
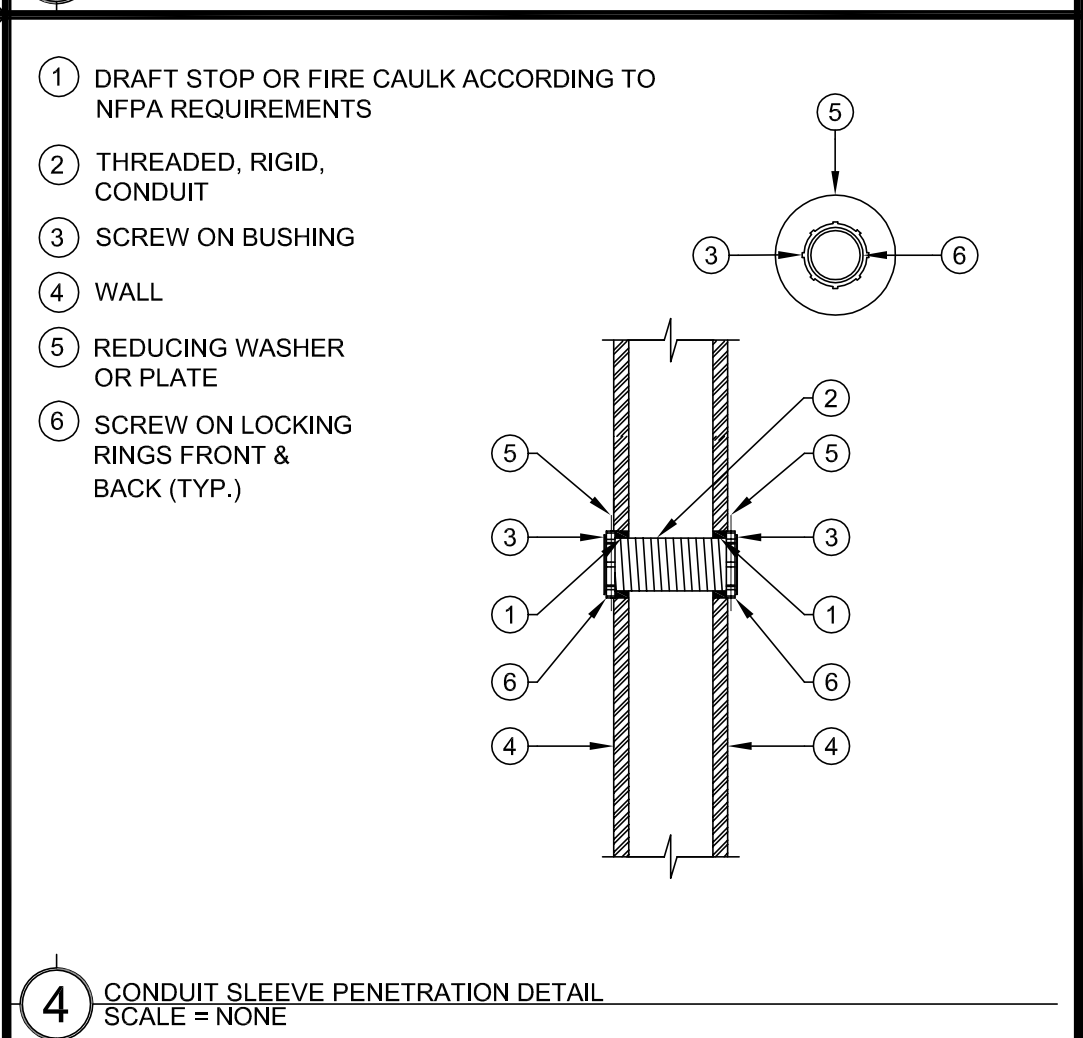
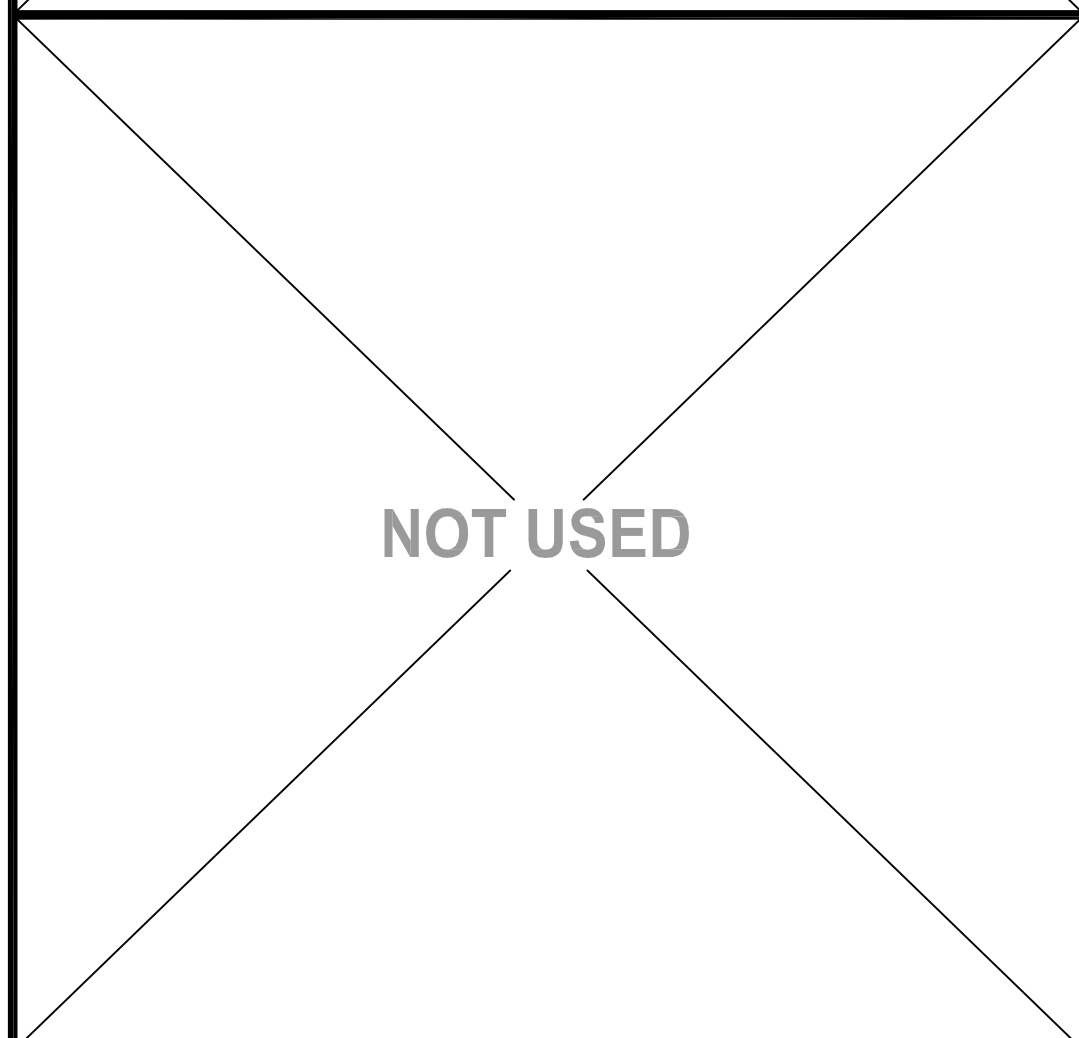
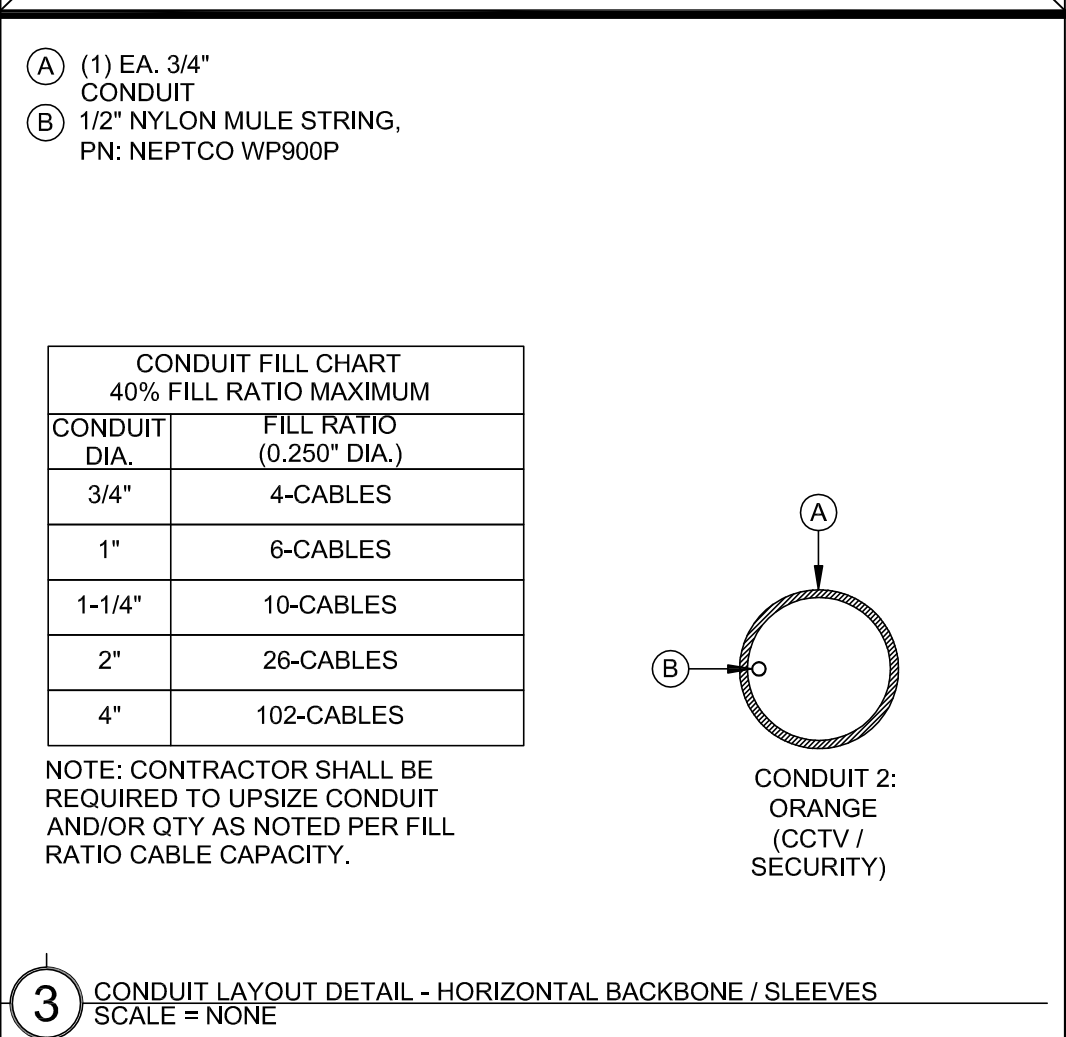
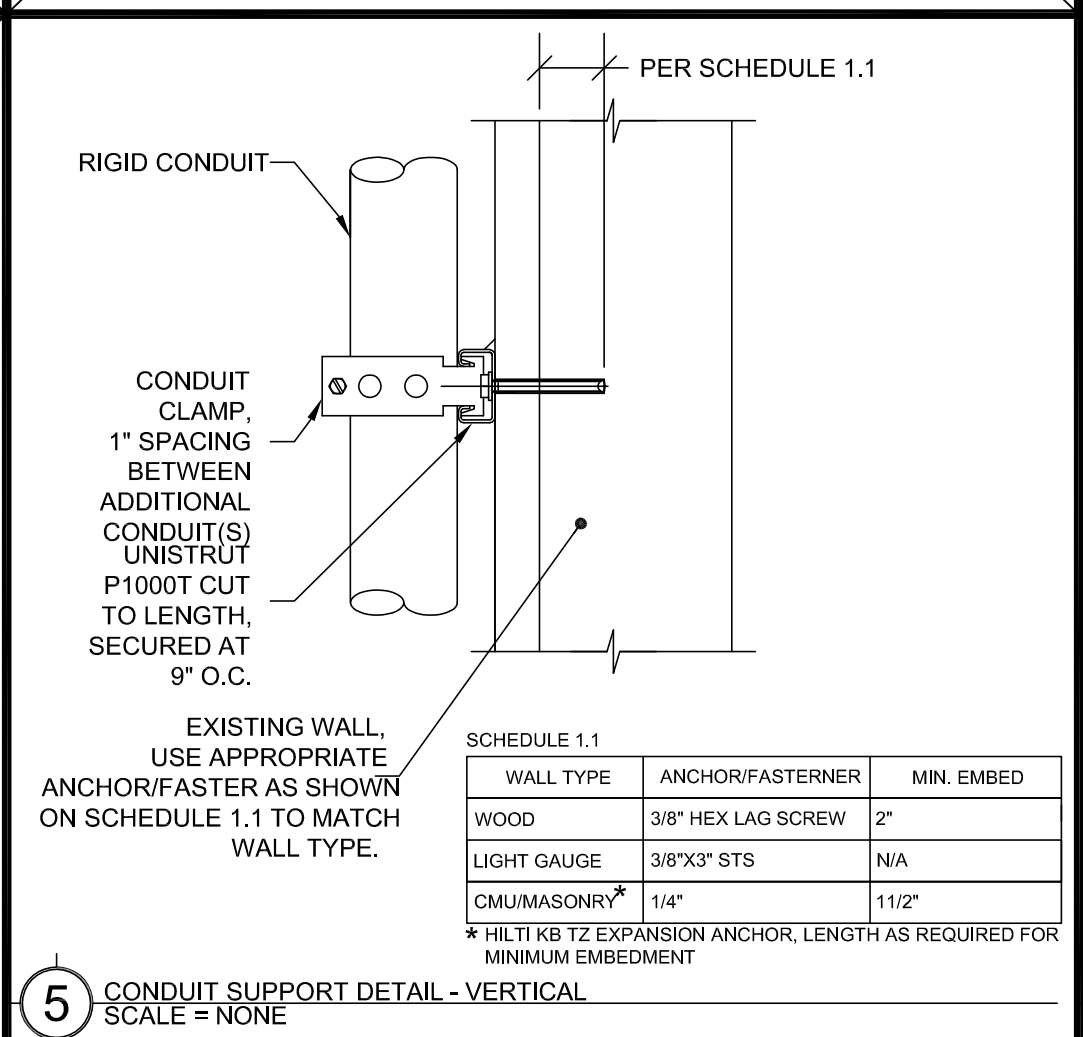
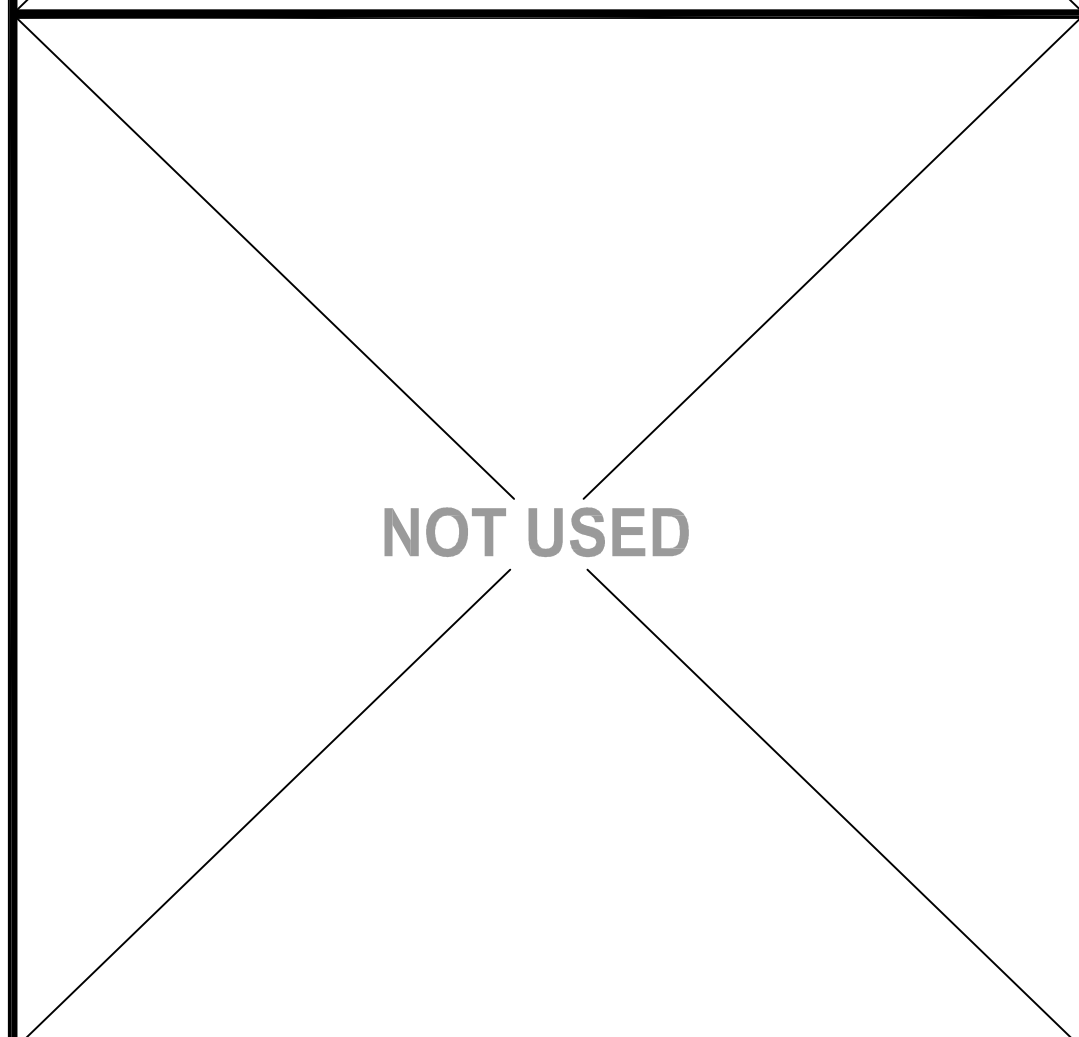
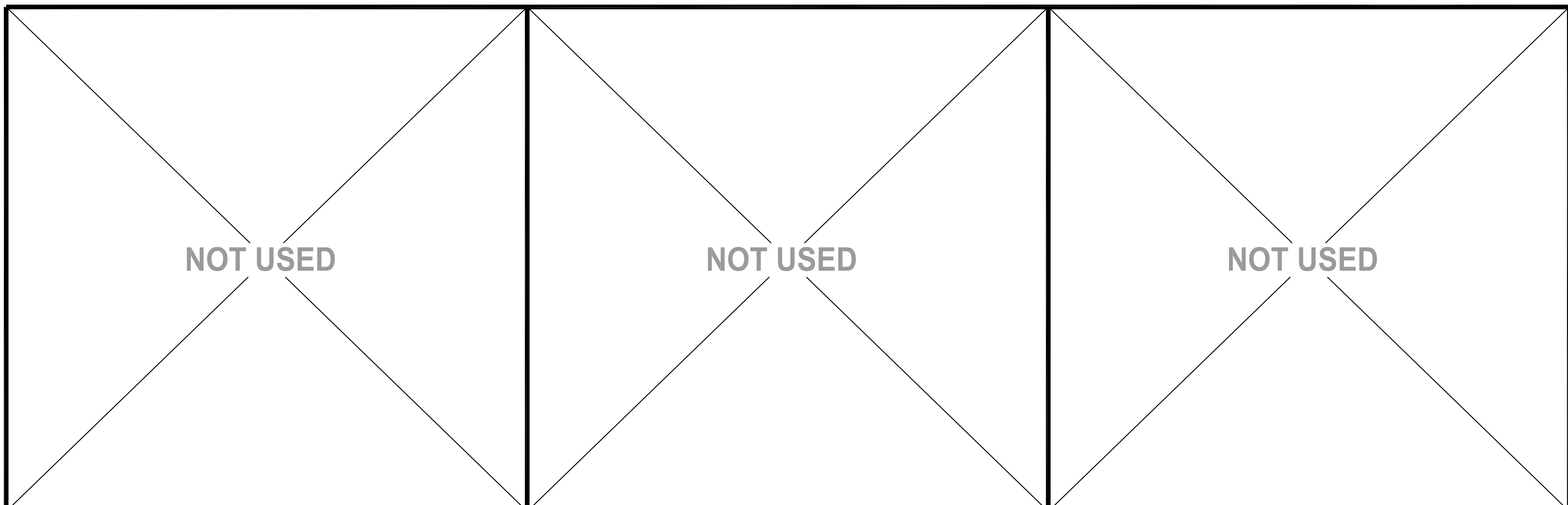
DATE: 04/23/2024
 JOB NO.: Y2344.00
 SHEET TITLE

ELECTRICAL
 ENLARGED FLOOR PLAN
 CENTRAL ENROLLMENT
 LOBBY

SHEET NO.

E111

ONE AND ONE-HALF INCH = ONE FOOT
 ONE INCH = ONE FOOT
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TECHNOLOGY SYMBOL LEGEND:
 ALL EQUIPMENT AND MATERIALS ARE CONTRACTOR FURNISHED, INSTALLED AND CONFIGURED (UNO)

SYMBOL	DESCRIPTION	MODEL	PART NUMBER	NOTES / DETAIL REFERENCES
	DATA RACK / CABINET	EXISTING	EXISTING	N/A
	MINIMUM POINT OF ENTRY	EXISTING	EXISTING	N/A
	UNDERGROUND CONDUIT	N/A	N/A	N/A
	SURFACE RACEWAY	WIREMOLD	2300	N/A
	BACKBONE CONDUIT STUB	N/A	N/A	N/A
	ACCESS CONTROL POWER SUPPLY UNIT W/ BATTERY BACKUP	LIFE SAFETY POWER	FP0150-2DBP2M8NLA8EM1	INSTALL AT SECURITY OFFICE
	ACCESS CONTROL MANAGEMENT EMBEDDED CONTROLLER	AVIGILON	AC-MER-CONT-LP1502	INSTALL AT SECURITY OFFICE
	ACCESS CONTROL 2-DOOR MODULE	AVIGILON	AC-MER-COH-MRS2	N/A
	CARD READER	AVIGILON	AC-ING-READ-4PTC-ING-MT15	N/A
	VIDEO INTERCOM WITH SURFACE MOUNTED BACKBOX	AVIGILON	H4V-RD1-IR-H4V-MT-SUBF1	N/A
	ELECTRONIC LATCH RETRACT MOTOR	VON DUPRIN	QEL	N/A
	ELECTRONIC LATCH SET	SCHLAGE	ND96UPD	N/A
	ELECTRIC LATCH	VON DUPRIN	6300	N/A
	ARMORED DOOR LOOP	SECO-LARM	SD-969-M15Q*	* = S FOR SILVER, B FOR BRONZE
	RFID CARDS	SCHLAGE	8520	QUANTITY 200, SERIALIZED PER DISTRICT REQUIREMENTS.
	ADMINISTRATIVE DESK PHONE SET	CISCO	EXISTING	PROGRAM SOFT KEY AT (E) PHONE SET FOR DOOR UNLOCK
	CAT6A DATA DROP LOCATION			N/A
	DOOR CONTACT	GRI	195-12WG	N/A

ABBREVIATIONS:
 REVISED: 09/20/2023

A	AMPERE
AF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
ANN	ANNUNCIATOR
AP	ACCESS POINT
BFF	BELOW FINISHED FLOOR
BFG	BELOW FINISHED GRADE
BICSI	BUILDING INDUSTRY CONSTRUCTION SERVICE INTERNATIONAL
BLOG	BUILDING CONDUIT
C	CABINET
CAB	CATEGORY
CAT	CABLE TELEVISION
CD	CANDELA
CFCI	CONTRACTOR FURNISHED/CONTRACTOR INSTALLED
CL	CENTER LINE
CO	CARBON MONOXIDE
DN	DOWN
EX	EXISTING
EMT	ELECTRICAL METALLIC TUBING
EOL	END OF LINE
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FTC	FIRE TERMINAL CABINET
GRC	GALVANIZED RIGID CONDUIT
G OR GB	GROUND BOX
IACP	INTRUSION ALARM CONTROL PANEL
IDF	INTERMEDIATE DISTRIBUTION FRAME
IMC	INTERMEDIATE METAL CONDUIT
J OR JB	JUNCTION BOX
MEP	MECHANICAL / ELECTRICAL / PLUMBING
MDF	MAIN DISTRIBUTION FRAME
MPOE	MINIMUM POINT OF ENTRY
N	NEW
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NTS	NOT TO SCALE
N/A	NOT APPLICABLE
OFE	OWNER FURNISHED EQUIPMENT
OFCI	OWNER FURNISHED/CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED/OWNER INSTALLED
OSP	OUTSIDE PLANT
PVC	POLYVINYL CHLORIDE
RCDD	REGISTERED COMMUNICATION DISTRIBUTION DESIGNER
RCWY	RACEWAY
RM	ROOM
SR	SURFACE RACEWAY
TYP	TYPICAL
UG	UNDERGROUND
UL	UNDERWRITERS LABORATORIES
UNO	UNLESS NOTED OTHERWISE
V	VOLTS
W	WATT
WP	WEATHERPROOF

PROJECT CODES AND STANDARDS:

PARTIAL LIST OF APPLICABLE CODES AND STANDARDS EFFECTIVE: JANUARY 1, 2023:

- 2022 CALIFORNIA ADMINISTRATIVE CODE (CAC), CCR, TITLE 24, PART 1
- 2022 CALIFORNIA BUILDING CODE (CBC), CCR, TITLE 24, PART 2 (2018 INTERNATIONAL BUILDING CODE WITH CALIFORNIA AMENDMENTS)
- 2022 CALIFORNIA ELECTRICAL CODE (CEC), CCR, TITLE 24, PART 3 (2017 NATIONAL ELECTRICAL CODE WITH CALIFORNIA AMENDMENTS)
- 2022 CALIFORNIA MECHANICAL CODE (CMC), CCR, TITLE 24, PART 4 (2018 UNIFORM MECHANICAL CODE, WITH CALIFORNIA AMENDMENTS)
- 2022 CALIFORNIA ENERGY CODE, CCR, TITLE 24, PART 6
- 2022 CALIFORNIA FIRE CODE (CFC), CCR, TITLE 24, PART 9 (2018 INTERNATIONAL FIRE CODE WITH CALIFORNIA AMENDMENTS)
- 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE, CCR, TITLE 24, PART 11
- 2022 CALIFORNIA REFERENCED STANDARDS CODE, CCR, TITLE 24, PART 12
- 2022 NFPA 72: NATIONAL FIRE ALARM AND SIGNALING CODE, NATIONAL FIRE PROTECTION ASSOCIATION

- PERFORMANCE SCOPE OF WORK:**
- FURNISH ALL HEADEND EQUIPMENT, DOOR HARDWARE, VIDEO INTERCOM, WIRE AND ACCESSORIES FOR A COMPLETE AND OPERABLE ELECTRONIC ACCESS CONTROL SYSTEM FOR ALL DOORS LISTED ON FLOOR PLANS.
 - PROVIDE AND INSTALL ALL REQUIRED ABOVE CEILING J-HOOK OR CONDUIT PATHWAYS.
 - THE INTENT IS FOR ALL WIRES TO BE FISHED IN DOOR FRAMES. SURFACE RACEWAYS WILL BE ALLOWED IN SPECIAL LOCATIONS WITH PRIOR APPROVAL.
 - COORDINATE AND DELIVER/PICKUP DOOR CONTROLLER AND VIDEO INTERCOM FOR PROGRAMMING BY THE DISTRICT.
 - COORDINATE WITH DISTRICT FOR TELEPHONE PROGRAMMING FOR VIDEO INTERCOM RING-DOWN FUNCTION.
 - ALL INSTALLATION OR REWORK OF ELECTRICAL POWER TO BE PERFORMED BY A LICENSED ELECTRICIAN.

SHEET NO. DESCRIPTION

T000	SECURITY COVER SHEET - ENROLLMENT CENTER
T001	SECURITY COVER SHEET - CLASSROOM WINGS
T200	SECURITY FLOOR PLAN - ENROLLMENT CENTER
T201	SECURITY FLOOR PLAN - CLASSROOM WINGS

AGENCY APPROVAL

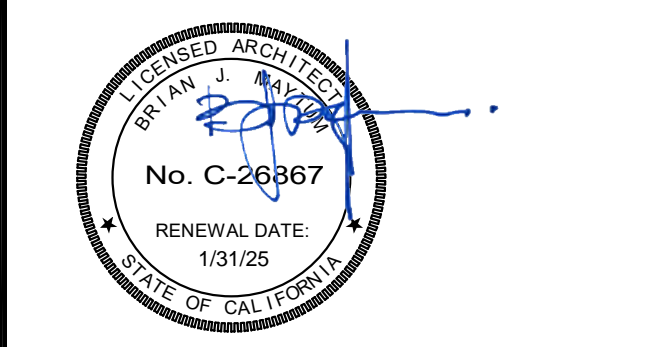
SCUSD CENTRAL ENROLLMENT LOBBY SECURITY UPGRADE

SACRAMENTO CITY UNIFIED SCHOOL DISTRICT

5601 47th Avenue
 Sacramento, CA 95824



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 600 Q Street, Suite 100
 Sacramento, CA 95811
 www.nachtlewis.com
 916.329.4000



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REVISIONS

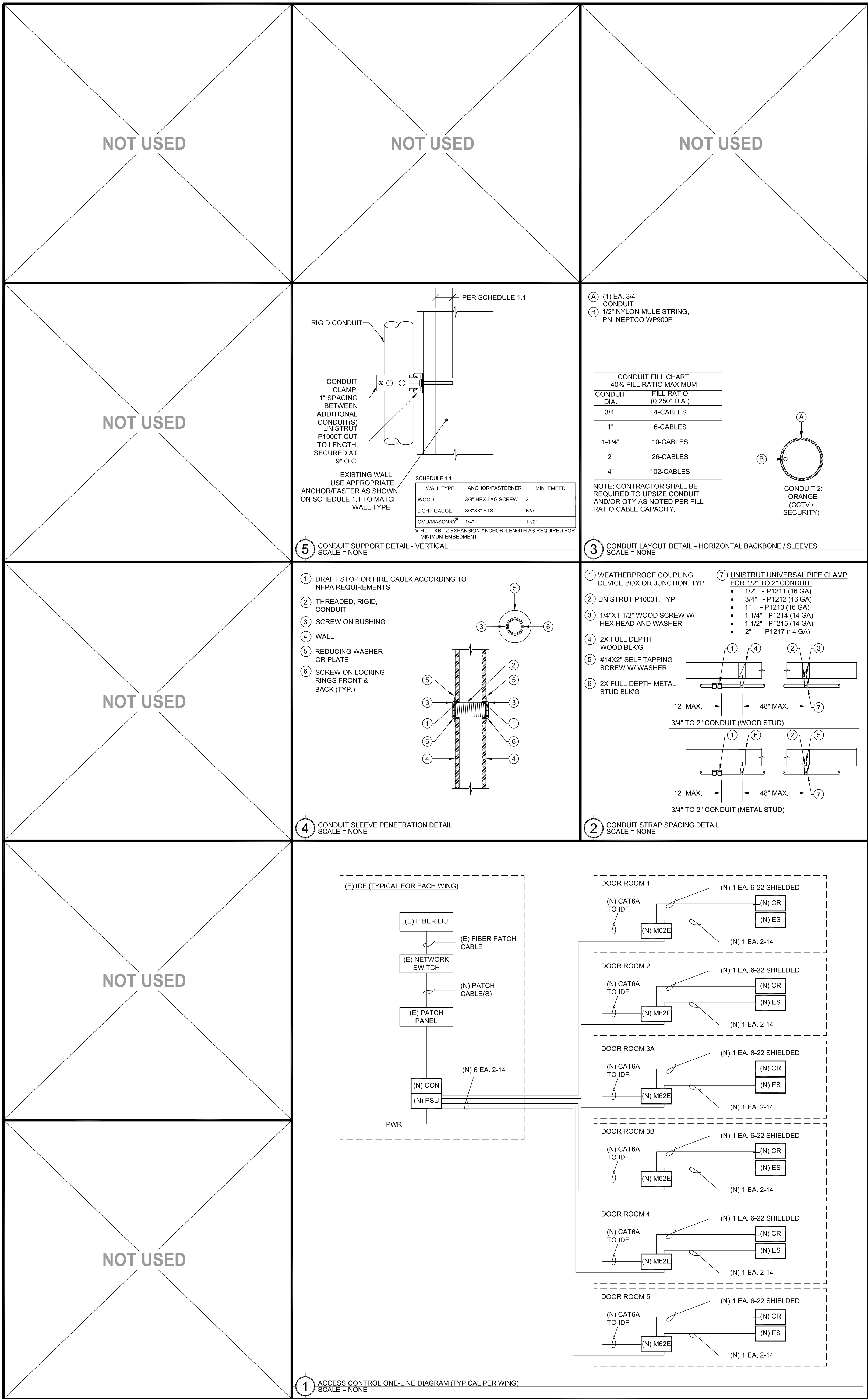
NO.	DESCRIPTION	DATE

DATE: 04/23/24
 JOB NO.: Y2344.00
 SHEET TITLE

SECURITY COVER SHEET - ENROLLMENT CENTER

SHEET NO. **T000**

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TECHNOLOGY SYMBOL LEGEND:
 ALL EQUIPMENT AND MATERIALS ARE CONTRACTOR FURNISHED, INSTALLED AND CONFIGURED (UNO)

SYMBOL	DESCRIPTION	MODEL	PART NUMBER	NOTES / DETAIL REFERENCES
[MDF / IDF]	DATA RACK / CABINET	EXISTING	EXISTING	N/A
[MPOE]	MINIMUM POINT OF ENTRY	EXISTING	EXISTING	N/A
---	UNDERGROUND CONDUIT	N/A	N/A	N/A
---	SURFACE RACEWAY	WIREMOLD	2300	N/A
[T]	BACKBONE CONDUIT STUB	N/A	N/A	N/A
[PSU]	ACCESS CONTROL POWER SUPPLY UNIT W/ BATTERY BACKUP	AVIGILON	AC-LSP-2DR-MER-LCK	INSTALL AT WING IDF
[CON]	ACCESS CONTROL MANAGEMENT EMBEDDED CONTROLLER	AVIGILON	AC-MER-CONT-LP1501	INSTALL AT WING IDF
[MRC]	ACCESS CONTROL POE REMOTE DOOR MODULE	AVIGILON	AC-MER-CONT-MR02E	INSTALL AT DOOR IN ENCLOSURE
[ENC]	SURFACE MOUNT ENCLOSURE	WIREMOLD	2348-3	INSTALL AT DOOR WITH 3-GANG COVER PLATE
[CR]	CARD READER	AVIGILON	AC-ING-READ-AFTIQ-SNG-MT15	INSTALL AT DOOR
[ES]	ELECTRIC STRIKE	HES / ASSA ABLOY	8000-C-630	INSTALL AT DOOR
[DC]	DOOR CONTACT	GRI	195-12WG	INSTALL AT DOOR
	RFID CARDS	SCHLAGE	8520	QUANTITY 100. SERIALIZED PER DISTRICT REQUIREMENTS.

PERFORMANCE SCOPE OF WORK:

- FURNISH ALL ACCESS CONTROL EQUIPMENT (CONTROLLERS, ENCLOSURES, POWER SUPPLIES, ELECTRIC STRIKES, CARD READERS, DOOR CONTACTS, WIRE, ACCESSORIES AND ETC.) FOR A COMPLETE AND OPERABLE ELECTRONIC ACCESS CONTROL SYSTEM FOR ALL DOORS LISTED ON FLOOR PLANS.
- PROVIDE AND INSTALL ALL REQUIRED WIREMOLD SURFACE RACEWAYS IN CLASSROOMS.
- COORDINATE AND DELIVER/PICKUP DOOR CONTROLLERS FOR PROGRAMMING BY THE DISTRICT.
- ALL INSTALLATION OR REWORK OF ELECTRICAL POWER TO BE PERFORMED BY A LICENSED ELECTRICIAN.
- ALL WING INSTALLATIONS SHALL BE SIMILAR WITH MASTER CONTROLLER AND POWER SUPPLY LOCATED NEAR THE WING IDF AND CLASSROOMS TO BE SIMILAR WITH THE EXCEPTION OF WIREMOLD SURFACE RACEWAY CONNECTION TO EXISTING RACEWAY.

AGENCY APPROVAL

SCUSD CENTRAL ENROLLMENT LOBBY SECURITY UPGRADE

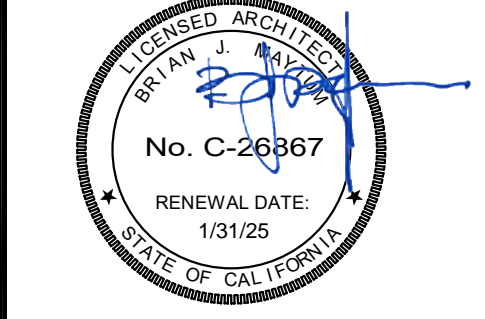
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NO.	DESCRIPTION	DATE

DATE: 04/23/24
 JOB NO.: Y2344.00
 SHEET TITLE

SECURITY COVER SHEET - CLASSROOMS WINGS

SHEET NO.

T001

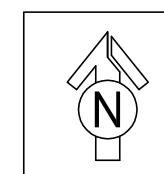
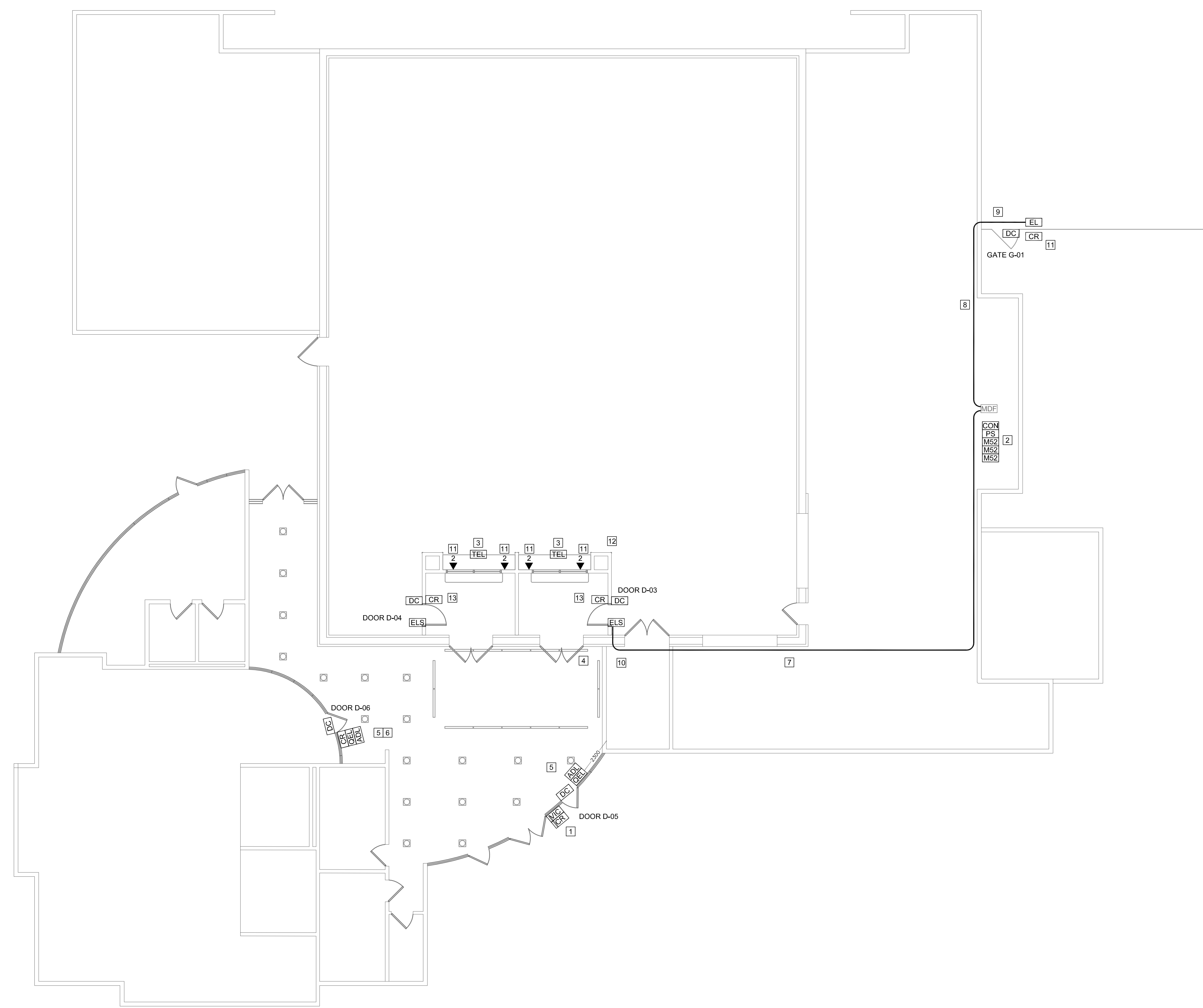
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PROJECT GENERAL NOTES:

1. MASTER DOOR CONTROLLER AND POWER SUPPLY FOR EACH WING TO BE LOCATED IN WING IDF.
2. SEE PICTURE DETAIL FOR CLASSROOM INSTALLATIONS

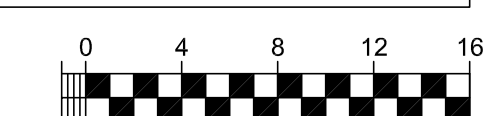
SHEET NOTES:

1. INSTALL VIC/CR ON MULLION, FISH WIRES THROUGH MULLION, INSTALL WM2300 TO ACCESSIBLE CEILING.
2. FURNISH, INSTALL AND COORDINATE PROGRAMMING BY DISTRICT ELECTRONIC ACCESS CONTROLLER AND POWER SUPPLY IN MDF, MODIFICATIONS TO ELECTRIC POWER TO BE PERFORMED BY A LICENCED ELECTRICIAN.
3. COORDINATE WITH DISTRICT TO PROGRAM ADMIN. PHONE SET FOR RINGDOWN FROM VIDEO INTERCOM.
4. DEMO (E) SURFACE RACEWAY.
5. PROVIDE AND INSTALL LATCH RETRACT MOTOR, ARMORED DOOR LOOP AND DOOR CONTACT, ROUTE WIRE TO MDF.
6. PROVIDE AND INSTALL CARD READER ON MULLION ROUTE CABLES TO MDF.
7. PROVIDE AND INSTALL 2 EA. 1.5" CONDUIT PATHWAY TO MDF.
8. PROVIDE AND INSTALL 1" CONDUIT PATHWAY TO MDF.
9. PROVIDE AND INSTALL A NEW NEMA 3R JUNCTION BOX AND WATERPROOF PENETRATION INTO THE BUILDING ABOVE CEILING AREA.
10. COORDINATE INSTALLATION OF CONDUIT FROM NEW WALL AND PENETRATE INTO STORAGE ROOM.
11. PROVIDE AND INSTALL 2 CAT6A DATA DROPS FROM MDF TO EACH STAFF LOCATION (QTY 4) TERMINATE AND PROVIDE TEST RESULTS, INSTALL JACK IN 2-PORT SURFACE BOX.
12. PROVIDE AND INSTALL PATHWAY FOR FUTURE DATA CONNECTIONS. COVER 2-GANG OPENING WITH A BLANK COVER.
13. PROVIDE AND INSTALL CARD READER, DOOR CONTACT AND MAKE CONNECTIONS WITH ELECTRIFIED LATCH SET, ROUTE CABLE TO MDF.
14. PROVIDE AND INSTALL CARD READER, DOOR CONTACT, ELECTRONIC SURFACE LATCH AND ROUTE CABLE TO MDF.



SECURITY FLOOR PLAN

SCALE: 1/8"=1'



AGENCY APPROVAL

**SCUSD SERNA CENTER
 LOBBY SECURITY UPGRADE**

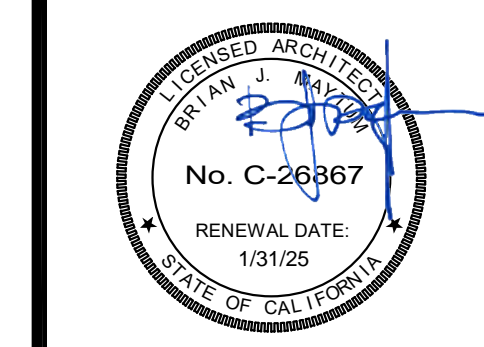
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SACRAMENTO CITY UNIFIED SCHOOL DISTRICT

KMM
 TECHNOLOGY & FIRE LIFE SAFETY
 5433 El Camino Ave. Suite 5
 Carmichael, CA 95608
 Office: (916) 358-4800
 www.kmm-services.com

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REVISIONS

NO.	DESCRIPTION	DATE

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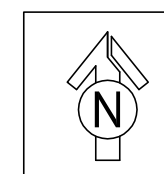
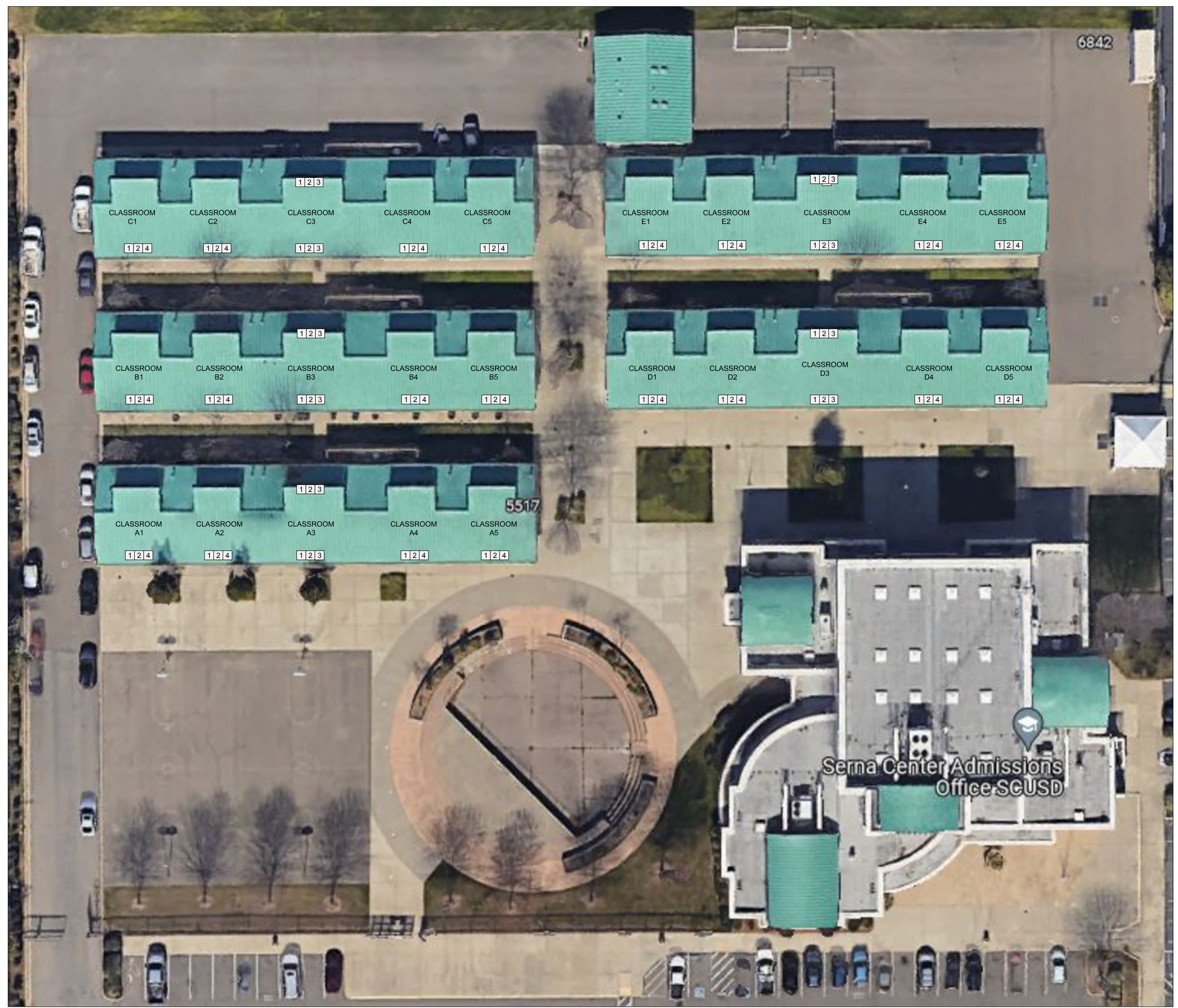
SHEET TITLE

**SECURITY FLOOR PLAN
 - ENROLLMENT CENTER**

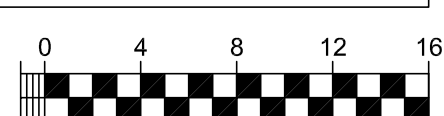
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T200

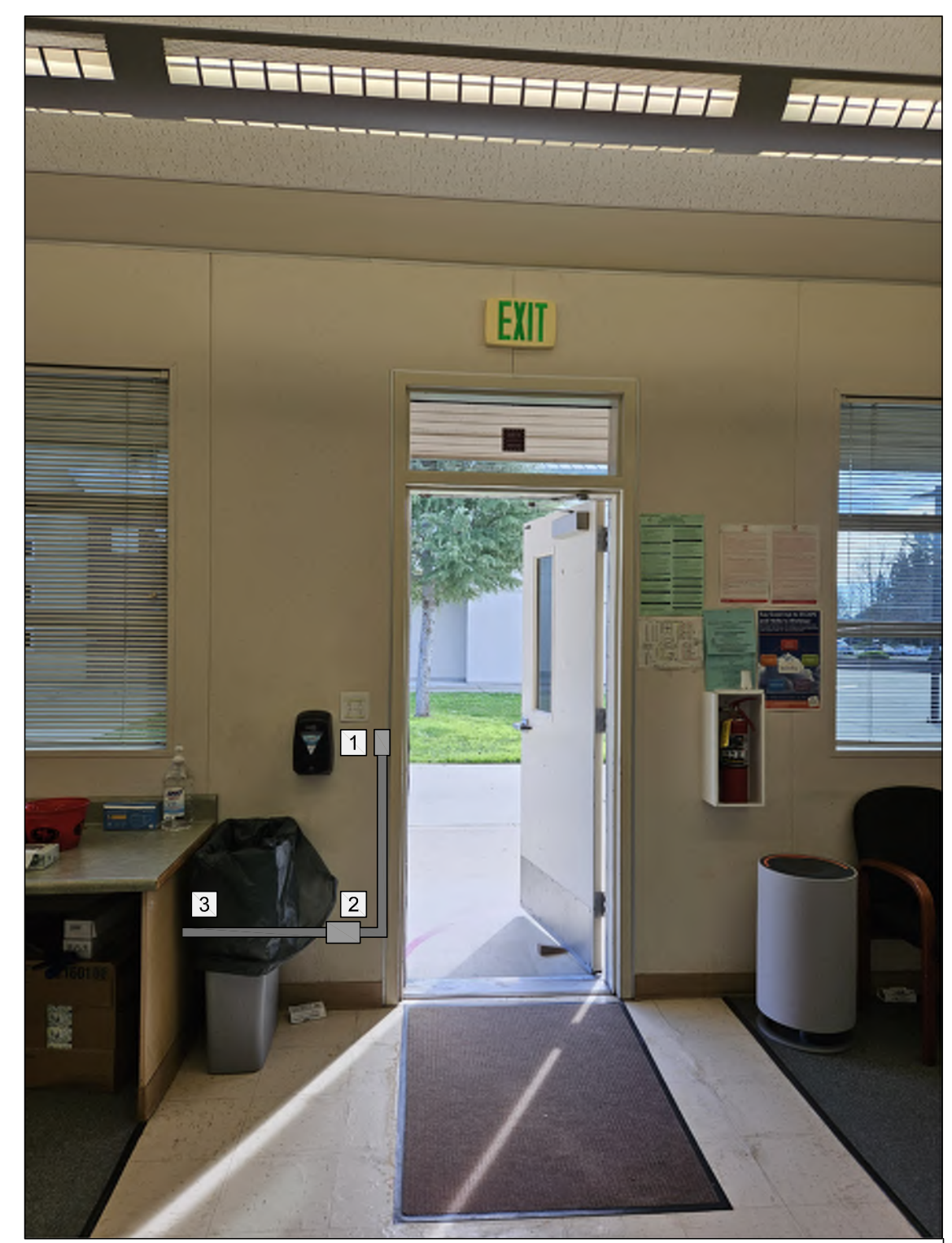
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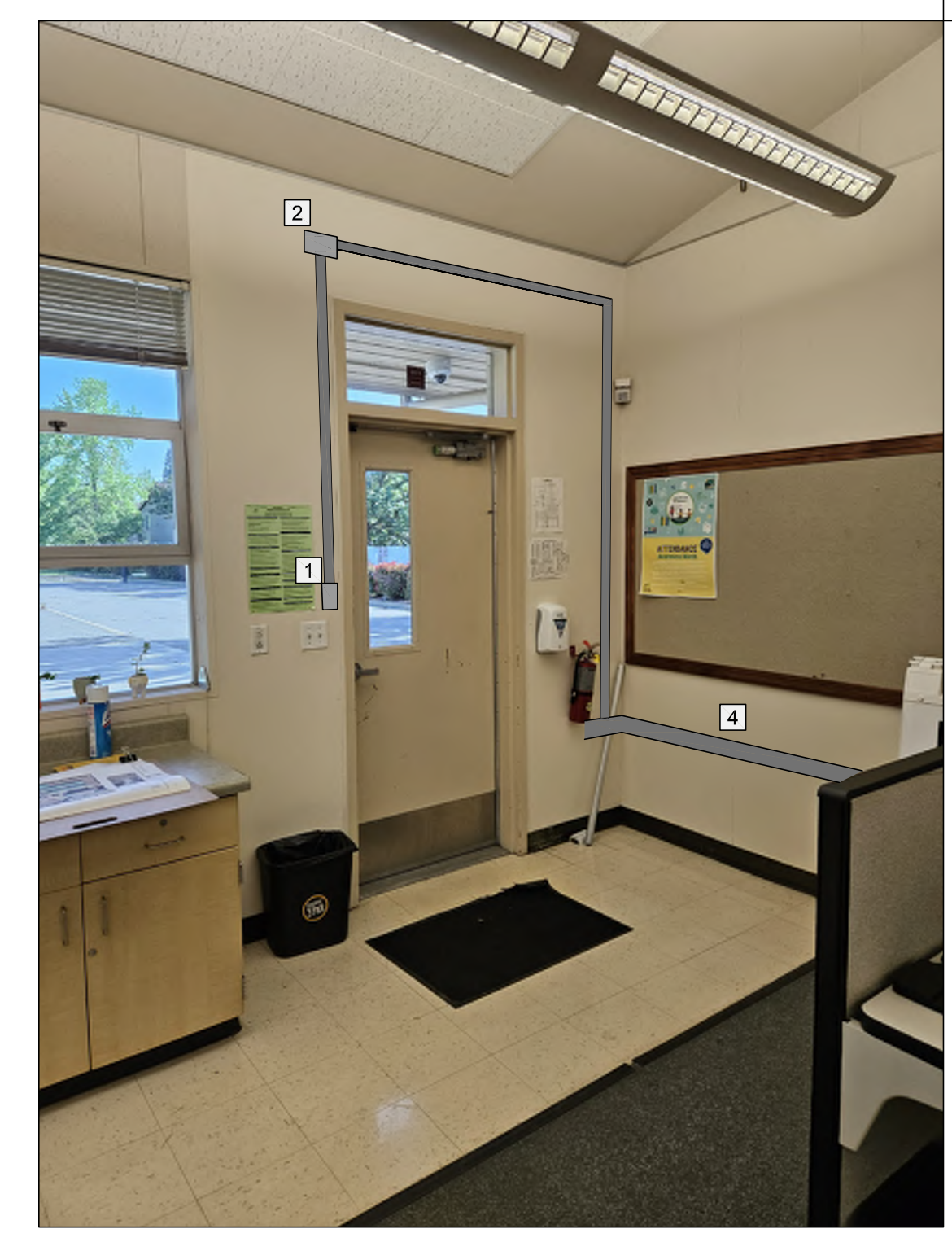
SECURITY FLOOR PLAN
 SCALE: 1/8"=1'



- PROJECT GENERAL NOTES:**
1. MASTER DOOR CONTROLLER AND POWER SUPPLY FOR EACH WING TO BE LOCATED IN WING IDF.
 2. SEE PICTURE DETAIL FOR CLASSROOM INSTALLATIONS
- SHEET NOTES:**
- 1 PROVIDE AND INSTALL WM2300 SINGLE-GANG BOX AT INTERIOR DOOR FRAME. PROVIDE AND INSTALL CARD READER WITH TOP AT 48" AFG ON EXTERIOR WALL NEAR DOOR STRIKE. PROVIDE AND INSTALL ELECTRIC STRIKE IN DOOR FRAME. FISH CABLES TO WM2300 SINGLE-GANG
 - 2 PROVIDE AND INSTALL REMOTE DOOR CONTROLLER IN PROVIDED WIREMOLD 2300 3-GANG SURFACE MOUNT BOX
 - 3 EXTEND WIREMOLD SURFACE RACEWAY TO NEAREST EXISTING SURFACE MOUNT RACEWAY. SEE PICTURE DETAIL 2.
 - 4 EXTEND WIREMOLD 5400 FROM EXISTING. MATCH COLOR AND STYLE. FURNITURE/EQUIPMENT MAY NEED TO BE MOVED FOR ACCESS TO WALL. SEE PICTURE DETAIL 1.



PICTURE DETAIL 2
 SCALE: NONE



PICTURE DETAIL 1
 SCALE: NONE

AGENCY APPROVAL

**SCUSD SERNA CENTER
 LOBBY SECURITY UPGRADE**

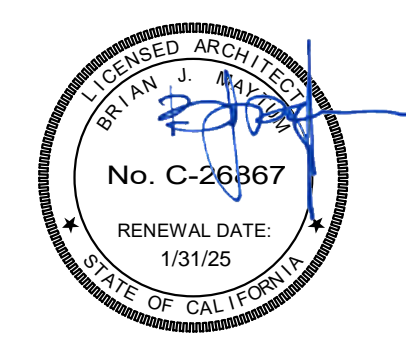
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NO.	DESCRIPTION	DATE

DATE: 04/23/24

JOB NO.: Y2344.00

SHEET TITLE

**SECURITY FLOOR PLAN
 - CLASSROOM WINGS**

SHEET NO.

T201