

PALOMAR COMMUNITY COLLEGE

ESCONDIDO HEALTH CENTER TI

1951 EAST VALLEY PARKWAY,
ESCONDIDO, CA 92025

HMC Architects

3546 Concours Street / Ontario, CA 91764
T 909 989 9979 / www.hmcarchitects.com

PROJECT TEAM

OWNER
PALOMAR COLLEGE
1140 W. MISSION RD.,
SAN MARCOS, CA 92069
PHONE (780) 744-1150
CONTACT: DENNIS ASTL

ARCHITECT
HMC ARCHITECTS
3546 CONCOURS STREET
ONTARIO, CALIFORNIA 91764
PHONE (909) 989-9979
FAX (909) 483-1400

MECHANICAL
MA ENGINEERS
5160 CAROLL CANYON RD,
SUITE 200, SAN DIEGO, CA 82121
PHONE (800)-200-0030
FAX (800)-200-0037

PLUMBING
MA ENGINEERS
5160 CAROLL CANYON RD,
SUITE 200, SAN DIEGO, CA 82121
PHONE (800)-200-0030
FAX (800)-200-0037

ELECTRICAL
JOHNSON
CONSULTING
ENGINEERS, INC.
12875 BROOKPRINTER PLACE,
SUITE 300, POWAY, CA 92064
PHONE (858)-679-4030
FAX (858)-513-0559

GENERAL NOTES

- CONSTRUCTION DOCUMENTS DESCRIBE THE PRODUCTS, SYSTEMS, QUANTITIES, CONFIGURATION, AND PERFORMANCE SPECIFICATIONS THAT DELIVER THE OVERALL DESIGN INTENT OF THE PROJECT.
- THE CONSTRUCTION DOCUMENT DRAWINGS AND SPECIFICATIONS ARE COMPLEMENTARY, AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY BOTH.
- PERFORMANCE BY THE CONSTRUCTION TEAM SHALL BE CONSISTENT WITH THE CONSTRUCTION DRAWINGS AND SPECIFICATIONS AS DELIVERED. THE INDICATED RESULTS OF THE DESIGN INTENT.
- VERIFY ALL DIMENSIONS, LOCATIONS OF EXISTING UTILITIES, AND CONDITIONS ON THE JOB SITE PRIOR TO THE START OF WORK OR PORTIONS OF THE WORK. NOTIFY THE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES BETWEEN THE ACTUAL FIELD CONDITIONS AND THE CONSTRUCTION DOCUMENTS. EXISTING CONDITIONS ARE INDICATED AS A RESULT OF FIELD OBSERVATIONS, INFORMATION SHOWN ON AVAILABLE DOCUMENTS AND FIELD CONDITIONS AT THE TIME OF PREPARATION.
- ALL MATERIALS AND WORKMANSHIP SHALL COMPLY WITH ALL GOVERNING CODES, ORDINANCES, REGULATIONS AND LAWS.
- THE DESIGN ADEQUACY AND SAFETY OF ERECTION BRACING, SHORING, TEMPORARY SUPPORTS AND SCAFFOLDING IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- WHERE ANY CONFLICT OCCURS BETWEEN THE REQUIREMENTS OF LAWS, CODES, ORDINANCES, RULES AND REGULATIONS, THE MOST STRINGENT SHALL GOVERN.
- IN NO CASE SHALL WORKING DIMENSIONS BE SCALED FROM PLANS, SECTIONS OR DETAILS ON THE DRAWINGS. DETAILS MARKED 'TYPICAL' SHALL APPLY IN ALL CASES UNLESS SPECIFICALLY NOTED OTHERWISE.
- ENACT ALL MEASURES TO PROTECT AND SAFEGUARD ALL EXISTING ELEMENTS TO REMAIN FROM BEING DAMAGED, REPLACED OR REPAIR EXISTING ELEMENTS DAMAGED BY THE EXECUTION OF THIS CONTRACT TO EQUAL OR BETTER CONDITION.
- PRIOR TO THE START OF WORK THE CONTRACTOR SHALL COORDINATE BETWEEN THE REQUIREMENTS OF ALL DISCIPLINES HEREIN AND BETWEEN THE REQUIREMENTS OF ALL DRAWINGS AND SPECIFICATIONS IN ORDER THAT ALL ITEMS SATISFACTORILY RELATE TO ONE ANOTHER. NOTIFY ARCHITECT IMMEDIATELY REGARDING ANY ITEMS THAT CANNOT BE COORDINATED.
- CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN EXCAVATING AND TRENCHING ON THIS SITE TO AVOID EXISTING DUCTS, PIPING, CONDUIT, ETC. AND TO PREVENT HAZARD TO PERSONNEL AND/OR TO EXISTING UNDERGROUND UTILITIES OR STRUCTURES. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT SHOULD SUCH UNIDENTIFIED CONDITIONS BE DISCOVERED. THESE DRAWINGS AND SPECIFICATIONS DO NOT INCLUDE THE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY.
- CHANGES TO THE APPROVED DRAWINGS AND/OR SPECIFICATIONS SHALL BE MADE BY ADDENDA OR A CHANGE ORDER.
- CUTTING, BORING, SAWCUTTING OR DRILLING THROUGH THE EXISTING OR NEW STRUCTURAL ELEMENTS SHALL NOT BE STARTED UNTIL THE DETAILS HAVE BEEN REVIEWED AND APPROVED BY THE ARCHITECT, AND STRUCTURAL ENGINEER OF RECORD.
- WHERE NEW CONSTRUCTION ADJUTS EXISTING FINISHED SURFACES, CONTRACTOR SHALL ALIGN NEW CONSTRUCTION SO THAT NEW FINISHES ARE FLUSH WITH EXISTING. MATCH EXISTING TEXTURES AND COLORS. A CERTIFIED PROJECT INSPECTOR, EMPLOYED BY THE DISTRICT (OWNER) SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, C.G.R.

APPLICABLE CODES

LIST OF 2013 CALIFORNIA CODE OF REGULATIONS (C.C.R.):
PART 1 2013 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE, TITLE 24 C.C.R. (THE 2013 CAC, CHAPTER 10 GOES INTO EFFECT JULY 1, 2014. THE 2010 CAC, CHAPTER 10 REMAINS IN EFFECT UNTIL JULY 1, 2014.)
PART 2 2013 CALIFORNIA BUILDING CODE (CBC), TITLE 24 C.C.R. (2012 IBC WITH CALIFORNIA AMENDMENTS)
PART 3 2013 CALIFORNIA ELECTRICAL CODE (CEC), TITLE 24 C.C.R. (2011 NATIONAL ELECTRICAL CODE OF NFPA)
PART 4 2013 CALIFORNIA MECHANICAL CODE (CMC), TITLE 24 C.C.R. (2012 UNIFORM MECHANICAL CODE OF IAPMO)
PART 5 2013 CALIFORNIA PLUMBING CODE (CPC), TITLE 24 C.C.R. (2012 UNIFORM PLUMBING CODE OF IAPMO)
PART 6 2013 CALIFORNIA ENERGY CODE, TITLE 24 C.C.R. (THE 2013 CALIFORNIA ENERGY CODE GOES INTO EFFECT JULY 1, 2014. THE 2010 CALIFORNIA ENERGY CODE REMAINS IN EFFECT UNTIL JULY 1, 2014.)
PART 7 CURRENTLY VACANT
PART 8 2013 CALIFORNIA HISTORICAL BUILDING CODE, TITLE 24 C.C.R.
PART 9 2013 CALIFORNIA FIRE CODE, TITLE 24 C.C.R. (2012 INTERNATIONAL FIRE CODE OF ICC)
PART 10 2013 CALIFORNIA EXISTING BUILDING CODE, TITLE 24 C.C.R. (2012 INTERNATIONAL EXISTING BUILDING CODE OF ICC, WITH AMENDMENTS)
PART 11 2013 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN CODE), TITLE 24 C.C.R. (PER SB C.BILL 13-07, ONLY AFFECTED ENERGY PROVISIONS OF THE 2013 CALGREEN GO INTO EFFECT JULY 1, 2014.)
PART 12 2013 CALIFORNIA REFERENCED STANDARDS CODE, TITLE 24 C.C.R.

PARTIAL LIST OF APPLICABLE STANDARDS:
ADDITIONAL NFPA APPLICABLE STANDARDS SHALL BE AS LISTED IN THE PROJECT SPECIFICATION SECTIONS OF THE PROJECT MANUAL.
2013 CALIFORNIA BUILDING CODE (FOR SFM) REFERENCED STANDARDS CHAPTER 35

NFPA 13	AUTOMATIC SPRINKLER SYSTEM (CALIFORNIA AMENDED)	2013 EDITION
NFPA 14	STANDPIPE SYSTEMS (CALIFORNIA AMENDED)	2013 EDITION
NFPA 17	DRY CHEMICAL EXTINGUISHING SYSTEMS	2013 EDITION
NFPA 17A	WET CHEMICAL SYSTEMS	2013 EDITION
NFPA 20	STATIONARY PUMPS	2013 EDITION
NFPA 24	PRIVATE FIRE SERVICES MAINS (CALIFORNIA AMENDED)	2013 EDITION
NFPA 72	NATIONAL FIRE ALARM CODE (CALIFORNIA AMENDED)	2013 EDITION
	(NOTE: SEE UL STANDARD 1971 FOR "VISUAL DEVICES")	
NFPA 80	FIRE DOOR AND OTHER OPENING PROTECTIVES	2013 EDITION
NFPA 233	CRITICAL RADIANT FLUX OF FLOOR COVERING SYSTEMS	2011 EDITION
NFPA 2001	CLEAN AGENT FIRE EXTINGUISHING SYSTEMS (CALIFORNIA AMENDED)	2012 EDITION

SCOPE OF WORK

WORK INCLUDED IN THE CONTRACT:
ALL CONSTRUCTION AND SERVICES REQUIRED FOR THE INTERIOR REMODEL OF EXISTING OFFICES, IN BLDG 2A - ROOM 203, INCLUDING MECHANICAL, PLUMBING, ELECTRICAL, FIRE PROTECTION & FIRE ALARM SYSTEMS. THE WORK IS TO BE DONE PER APPLICABLE CODES AND TYPE OF CONSTRUCTION REFERENCED IN THIS SHEET.

PROJECT DATA

PROJECT ADDRESS:
ESCONDIDO HEALTH CENTER IT
1951 EAST VALLEY PARKWAY,
ESCONDIDO, CA 92025

OCCUPANCY TYPE:
-

CONSTRUCTION TYPE:
-

AUTOMATIC SPRINKLERS THROUGHOUT:
[NO] [YES]

NO. OF STORIES:
1

SQUARE FOOTAGE:
614

REFER TO A0-1 FOR CODE ANALYSIS PLAN

SHEET INDEX

ARCHITECT
01 GENERAL TITLE SHEET
04 ARCHITECTURE
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A2.1 FIRST FLOOR - REMODEL PLAN & REFLECTED CEILING PLAN
A10.10 DETAILS
A10.11 DETAILS
A10.12 DETAILS - TYPICAL METAL STUD
A10.13 DETAILS - STRUCTURAL FRAMING
A10.20 MISC. DETAILS

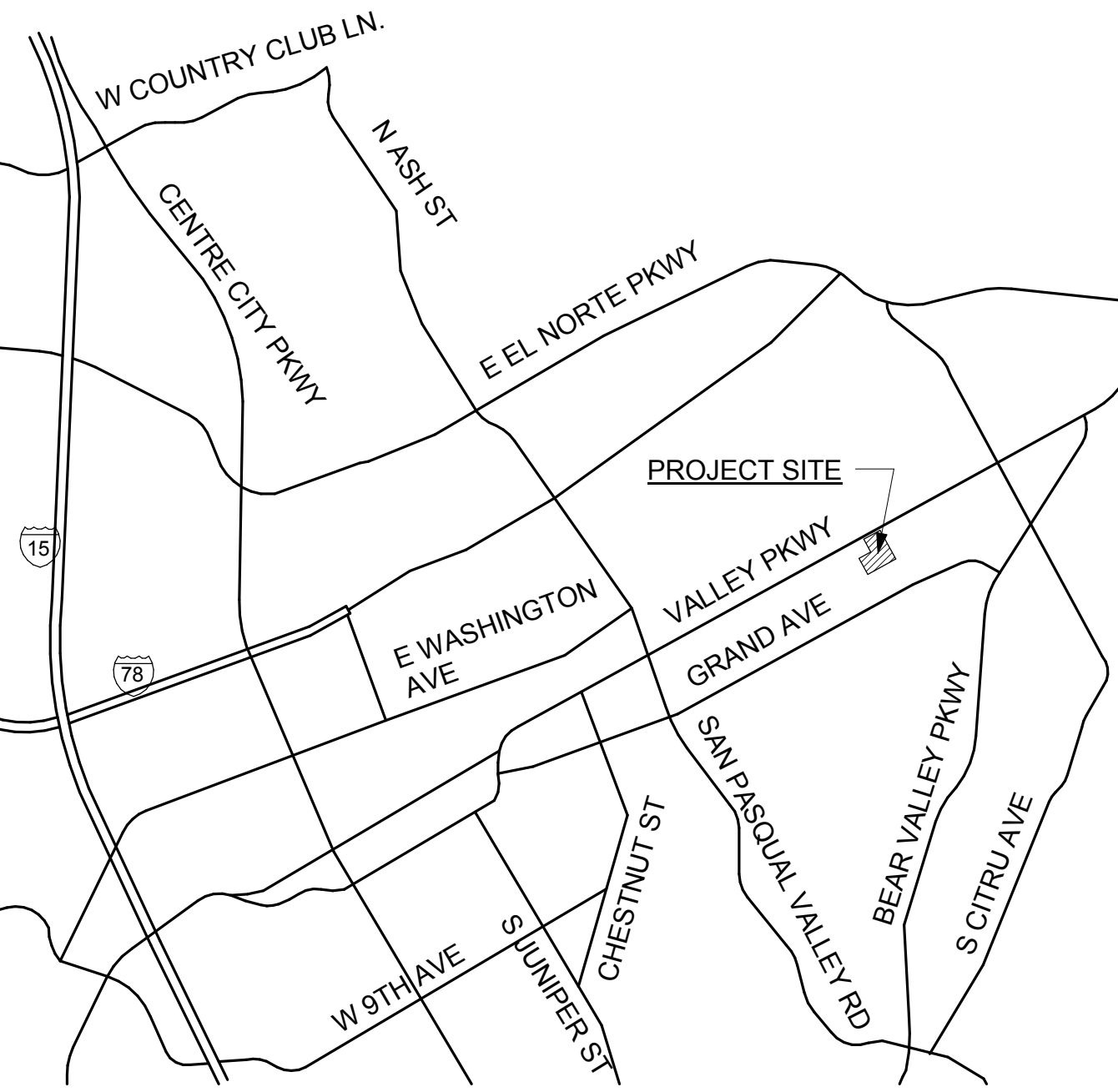
M2.1 MECHANICAL GENERAL NOTES, LEGEND AND FLOOR PLAN
M2.1 MECHANICAL DETAILS AND SCHEDULES
E1.0 ELECTRICAL LEGEND & NOTES
E1.1 OVERALL SITE PLAN
E1.2 FLOOR PLAN - FIRE ALARM, COMM. LIGHTING & POWER
E1.3 LIGHTING SCHEDULE, FA RISER AND CALC.
E1.4 ELECTRICAL DETAILS
FP1.1 FIRST FLOOR PIPING PLAN

SYMBOLOLOGY

- NORTH ARROW**
OVERLAY ARROW INDICATES TRUE NORTH
SHADED AREA INDICATES PLAN NORTH
- ELEVATION CALLOUT**
(TYPICAL FOR EXTERIOR KEYNOTES)
INDICATES A SIMILAR CONDITION
SHEET WHERE SECTION IS DRAWN
LOCATION ON SHEET
- SECTION CALLOUT**
INDICATES A SIMILAR CONDITION
LOCATION ON SHEET
SHEET WHERE SECTION IS DRAWN
- DETAIL CALLOUT**
INDICATES A SIMILAR CONDITION
LOCATION ON SHEET
SHEET WHERE SECTION IS DRAWN
- CONTROL OR DATUM POINT**
NAME OF ELEVATION (IF APPLICABLE)
ELEVATION ABOVE FINISHED FLOOR
- GRID BUBBLE**
GRID NUMBER
- DOOR CALLOUT**
DOOR NUMBER
- WINDOW CALLOUT**
WINDOW NUMBER
(SEE WINDOW SCHEDULE A9.12 - A9.13)
- INTERIOR FINISH CALLOUT**
MATERIAL FINISH TYPE

- DEMOLITION KEYNOTE**
KEYNOTE NUMBER (SEE LEGEND ON SHEET)
- NEW CONSTRUCTION KEYNOTE**
KEYNOTE NUMBER (SEE LEGEND ON SHEET)
- ROOM EXITING INFORMATION**
ROOM NAME
AREA (SQ. FT.)
OCCUPANT LOAD FACTOR (REFER TO TABLE 1004.1.1)
OCCUPANT LOAD (AREA DIVIDED BY LOAD FACTOR)
NUMBER OF EXITS REQUIRED (REFER TO TABLE 1015.1)
- DOOR EXITING INFORMATION**
NUMBER OF OCCUPANTS EXITING THRU DOOR OPENING
REQUIRED EXIT WIDTH (OCCUPANT LOAD X 0.2)
PROVIDED EXIT WIDTH (IN INCHES)
PANIC EXIT HARDWARE (WHERE OCCURS)
- WIC CASEWORK TAG**
MANUFACTURER REFERENCE AND MODEL NUMBER
CABINET WIDTH
CABINET HEIGHT
CABINET DEPTH

VICINITY MAP



ABBREVIATIONS

Ø +/- # % @ I Z AB ABS AC ACC ACOUS ADJ AFF ALUM ANSI ARCH ARCH BLDG BLK BLKG	DIAMETER OR ROUND POUND OR NUMBER PERCENT AT DEGREE CENTER LINE ANGLE PROPERTY LINE ANCHOR BOLT ABSOLUTE ASPHALT TO CONCRETE ACCESSIBLE WORK STATION ACOUSTICAL ADJACENT ABOVE FINISH FLOOR ALUMINUM AMERICAN NATIONAL STANDARDS INSTITUTE ARCHITECTURAL BOARD BUILDING BLOCK BLOCKING	BTWN C CER C CF CF01 CJ CLJ CLR CMU CONC CONC CONC CORR CORS CTSK CTC DEL DET DF	BETWEEN CHANNEL CESMIC CUBIC FEET CONTRACTOR FURNISHED, CONTRACTOR INSTALLED OWNER INSTALLED CEILING CLEAR CONCRETE MASONRY UNIT CONCRETE CONTINUOUS CORRIDOR CLASSROOM CENTER TO CENTER PENNY DOUBLE DELETE DETAIL DRAWING FOUNTAIN DIAMETER	DIM DL DOW DP DS DWD EA EJ ELEV ELEC EMT ENCLOSURE ENGR ENG EQ EQPT EW EX EXP EXT FA FD FDC FON	DIMENSION DOOR LOUVER DOWN DISABLED PERSON ACCESSIBLE DOWNSPOUT DRAWING EACH EXPANSION JOINT ELEVATION ELECTRICAL ELECTRICAL METAL TUBING ENCLOSURE ENGINEER EDGE OF SLAB EQUAL EQUIPMENT EACH WAY EXISTING EXTERIOR GYPSUM BOARD GLASS FIBER REINFORCED CONCRETE GYPSUM HOSE BIB HARDWARE	FE FEC FF FG FH FHC FHWIS FL FOD FOP FOM FOS FS FST FTG GA GALV GB GPRC GYP HB HDWE	FIRE EXTINGUISHER FIRE EXTINGUISHER W/CABINET FINISH FLOOR FINISH GRADE FIRE HYDRANT FIRE HOSE W/ CABINET FLAT HEAD WOOD SCREW FLOOR FACE OF FACE OF CONCRETE FACE OF FINISH FACE OF MASONRY FACE OF STUD FINISH SURFACE FOOT OF FEET FOOTING GAUGE GALVANIZED GYPSUM BOARD GLASS FIBER REINFORCED CONCRETE GYPSUM HOSE BIB HARDWARE	HM HOR HR HVAC ID IN INT INV JBOX JAN LAV LBS MAX MACHINE BOLT MDF MANUFACTURER MIN MISC MTL MTL NEW NOT IN CONTRACT NUMBER	HOLLOW METAL HORIZONTAL HOUR HEATING VENTILATION AIR INSIDE DIAMETER INCH OR INCHES INTERIOR INVERT JUNCTION BOX JANITOR CLOSET LAVATORY FOUR MAXIMUM MACHINE BOLT MEDIUM DENSITY FIBERBOARD MANUFACTURER MINIMUM MISCELLANEOUS MASONRY OPENING METAL NEW NOT IN CONTRACT NUMBER	NR NTS NTS O OA OC OD OF OF01 OH OTO PA PE PERP PH PL PLAM PLUMB PLYWD PM STD STL	NON RATED NOT TO SCALE NOT TO SCALE OVER OVERALL ON CENTER OUTSIDE DIAMETER OWNER-FURNISHED CONTRACTOR-INSTALLED OWNER-FURNISHED OWNER-INSTALLED OPPOSITE HAND OUT TO OUT PUBLIC ADDRESS PAD ELEVATION PERPENDICULAR PLATE PLASTIC LAMINATE PLUMBING PLYWOOD PARTITION MOUNTED POINT OF CONNECTION PAIR	PREP PSF PSI PVC R RD REC REF REQ ROOM RVL RO SCHED SECT SF SHT SM SMS SOV SPEC PM STD STL	PREPARE POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH POLYVINYL CHLORIDE RISER RADIUS ROOF DRAIN RECESSED REQUIRED REQUIRED ROOM RAIN WATER LEADER ROUGH OPENING SCHEDULE SECTION SQUARE FEET SHEET SIMILAR SURFACE MOUNTED SHEET METAL SCREW SHUT OFF VALVE SPECIFICATION STAINLESS STEEL STANDARD STEEL	STRUCT TAB TEMP TO TOC TOD TOP TOP TOP TOR TOW TST TV TYP UNO UNT VCT VERT W WI W/O WD WH WI	STRUCTURAL TOP AND BOTTOM TEMPORARY TOP OF TOP OF CURB TOP OF DRAIN TOP OF PARAPET TOP OF PLATE TOP OF RIDGE TOP OF WALL TOP OF STEEL TELEVISION TYPICAL UNSCUT VINYL COMPOSITION TILE VERTICAL WIDE FLANGE WITH WITHOUT WOOD WATER HEATER WOODWORK INSTITUTE	WIN WP WS WWF X YD	WINDOW WATERPROOF WOOD SCREW WEIGHT WELED WIRE FABRIC BY YARD
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TITLE SHEET

Architect's Seal
Designed
Designer
Project No.
5015015
Drawn
Author
Scale
As indicated
Checked
Checker
Drawing No.
G0.1
Date
10/28/16

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KEYNOTES
NO. Note - Detail

NOTES

1. REFER TO SHEET G0.1 FOR TYPICAL SYMBOLS AND ABBREVIATIONS

Consultant Seal Agency Approval FILE NO.

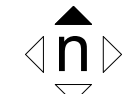
Project Title
PALOMAR COLLEGE
ESCONDIDO HEALTH CENTER TI
PALOMAR COLLEGE
1951 EAST VALLEY PARKWAY
ESCONDIDO, CA 92025

No.	Description	Date

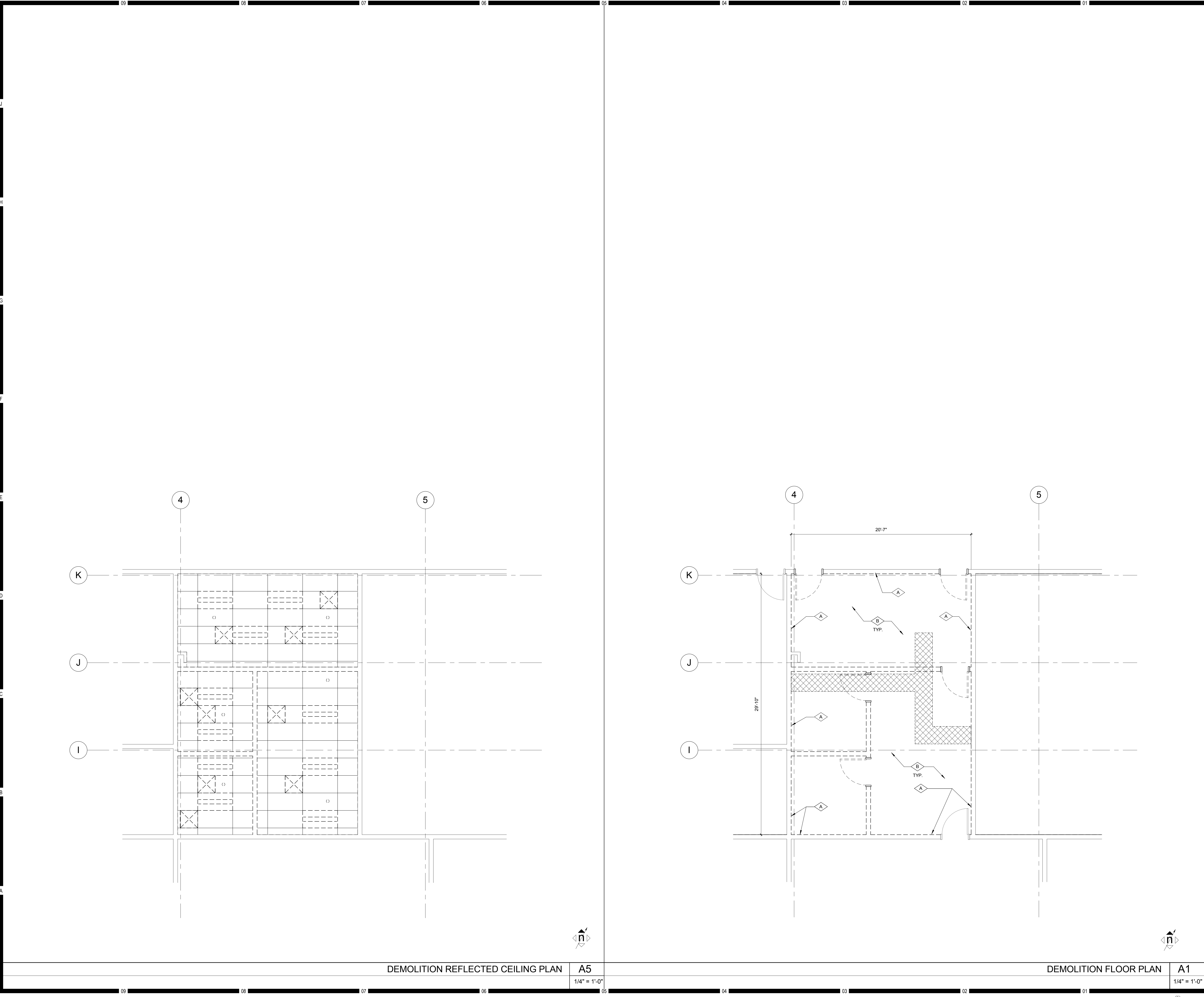
Drawing Title
OVERALL SITE PLAN

Architect's Seal	Designed Designer	Project No. 5015015
NO. A-32437 EXPI. 02-28-17 STATE OF CALIFORNIA	Drawn: Author	Scale: As indicated
	QA/QC Checker	Drawing No. A1.1
	Date: 10/28/16	

CD OA SITE A1
1" = 30'-0"



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HMC Architects

3546 Concourse Street / Ontario, CA 91764
T 909 989 9979 / www.hmcarchitects.com

KEYNOTES

NO.	Note - Detail
A	(E) FINISH & GYP. BD. TO BE REMOVED TO STUDS. PROTECT IN PLACE (E) WALL FRAMING
B	(E) FLOOR FINISH TO BE REMOVED. CLEAN & PREPARE SUB-FLOOR SURFACE TO RECEIVE (N) FINISH

DEMOLITION PLANS LEGEND

	(E) WALL TO REMAIN
	WALL TO BE DEMOLISHED
	DOOR TO BE DEMOLISHED
	MECHANICAL DIFFUSER TO BE DEMOLISHED
	LIGHT FIXTURE TO BE DEMOLISHED
	ACOUSTICAL CEILING TO BE DEMOLISHED
	FIRE SPRINKLER TO BE RELOCATED
	DEMO EXISTING CONCRETE SLAB FOR NEW SEWER LINE - REFER TO A11M2.1. PATCH AND REPAIR AS REQUIRED FOR NEW FLOORING - SEE H1 A10.11

NOTES

- REFER TO SHEET G0.1 FOR TYPICAL SYMBOLS AND ABBREVIATIONS.
- ALL DIMENSIONS ARE TO FACE OF STUD U.N.O.
- REMOVE (E) FLOORING IN AREAS AFFECTED BY NEW CONSTRUCTION. PATCH AND REPAIR GYP BD WALL FINISH AT ABANDONED/DISCONNECTED ELECTRICAL BOXES.
-

Key Plan

Consultant Seal

Agency Approval

FILE NO.

Project Title



PALOMAR COMMUNITY COLLEGE
ESCONDIDO HEALTH CENTER TI

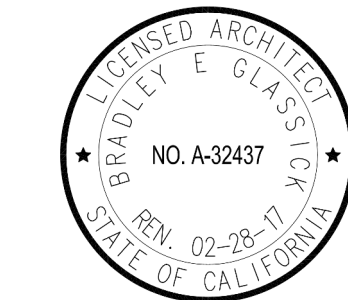
PALOMAR COLLEGE
1951 EAST VALLEY PARKWAY
ESCONDIDO, CA 92025

No.	Description	Date

Drawing Title:

FIRST FLOOR - DEMO PLAN &
REFLECTED CEILING PLAN

Architect's Seal



Designed: BG

Project No. 5015015

Drawn: VH

Scale: As indicated

QA/QC NC

Drawing No.

Date: 10/28/16

A2.0

DEMOLITION REFLECTED CEILING PLAN

A5

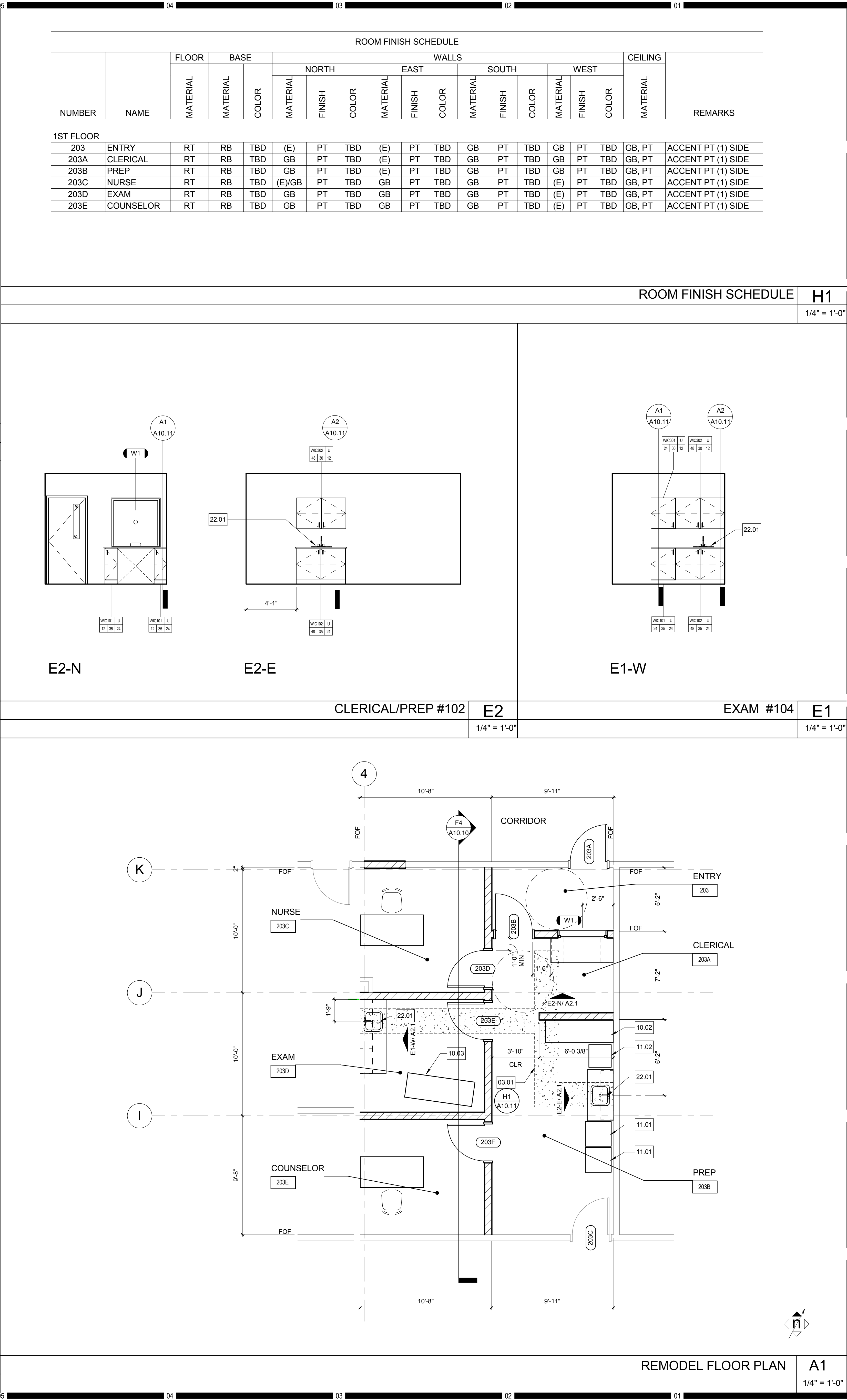
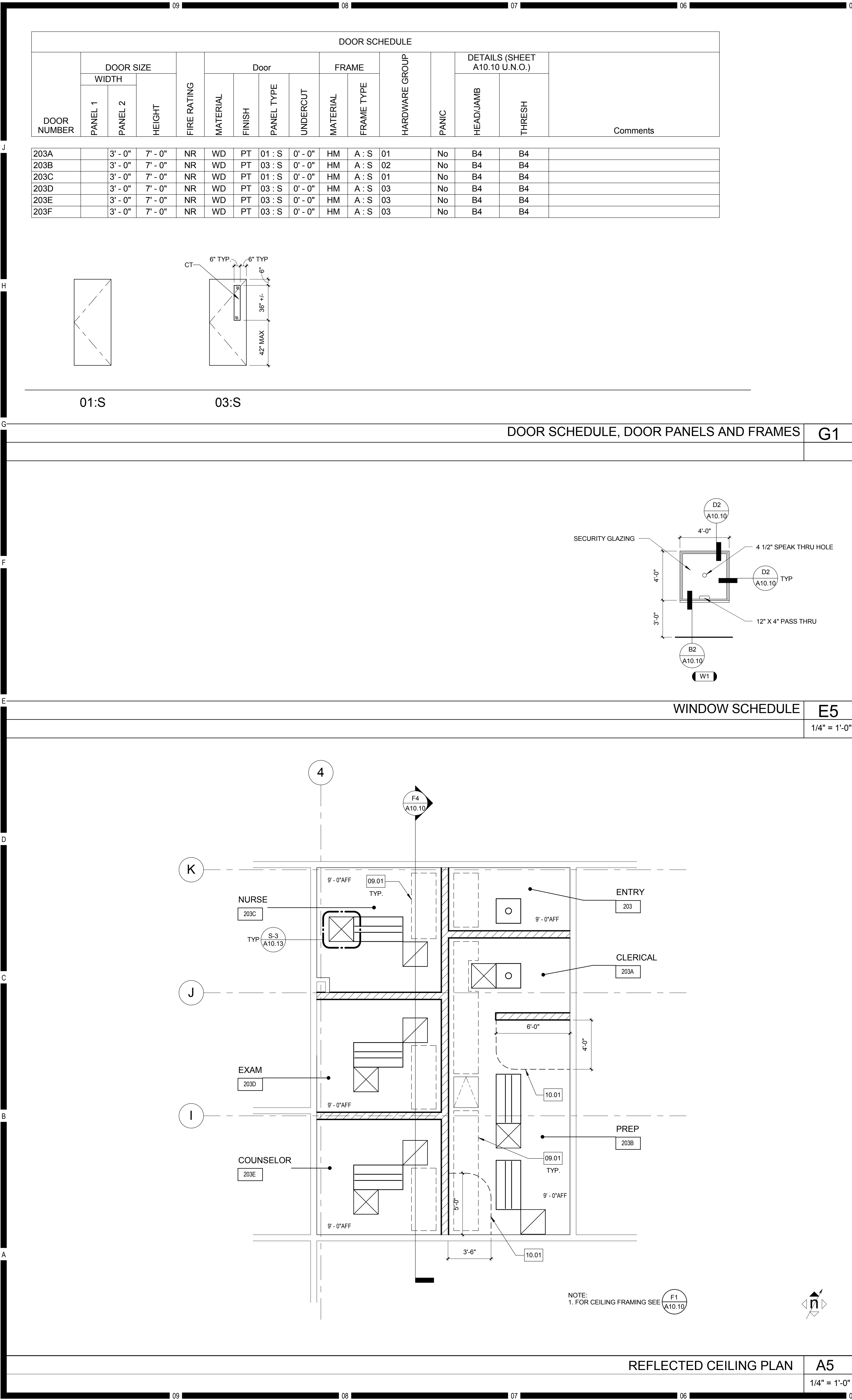
1/4" = 1'-0"

DEMOLITION FLOOR PLAN

A1

1/4" = 1'-0"

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KEYNOTES

NO.	Note - Detail
03.01	CONCRETE INFILL
09.01	3/4" THK X 2" WIDE PLYWOOD WALKING SURFACE ON MTL STUD CLG JOISTS
10.01	CURTAIN TRACK
10.02	TABLE 24X66 BY OWNER
10.03	EXAM/TREATMENT CHAIR BY OWNER
11.01	REF 24X24 BY OWNER
11.02	HEAR TEST EQUIPMENT BY OWNER
22.01	COUNTER SINK

FLOOR PLAN LEGEND

- (E) WALL TO REMAIN
- (N) METAL STUD WALL PER 1 (A10.12)
- (N) DUPLEX OUTLET
- (N) QUAD OUTLET
- (N) DATA OUTLET
- (N) SINGLE POLE SWITCH

CEILING PLAN LEGEND

- 5/8" GYP. BD. CEILING ON MTL STUD JOISTS PER 1 (A10.10)
- (N) LIGHT FIXTURE - REFER TO E1.2
- (N) MECHANICAL REGISTERS - REFER TO M2.1
- (N) 24"X30" CEILING ACCESS PANEL 1 (A10.10)

ABBREVIATIONS

- ACT ACOUSTICAL CEILING TILE
- CT CARPET TILE
- GB GYPSUM BOARD
- NR NOT RATED
- PT PAINT
- RB RUBBER BASE
- STL PREFINISHED STEEL FRAME
- VCT VINYL COMPOSITE TILE (ANTI-STATIC)
- WD WOOD (PAINT GRADE)

NOTES

- REFER TO SHEET G0.1 FOR TYPICAL SYMBOLS AND ABBREVIATIONS.
- ALL DIMENSIONS ARE TO FACE OF STUD U.N.O.
- REMOVE (E) FLOORING IN AREAS AFFECTED BY NEW CONSTRUCTION.
- PATCH AND REPAIR GYP BD WALL FINISH AT ABANDONED/DISCONNECTED ELECTRICAL BOXES.

Consultant Seal Agency Approval FILE NO.

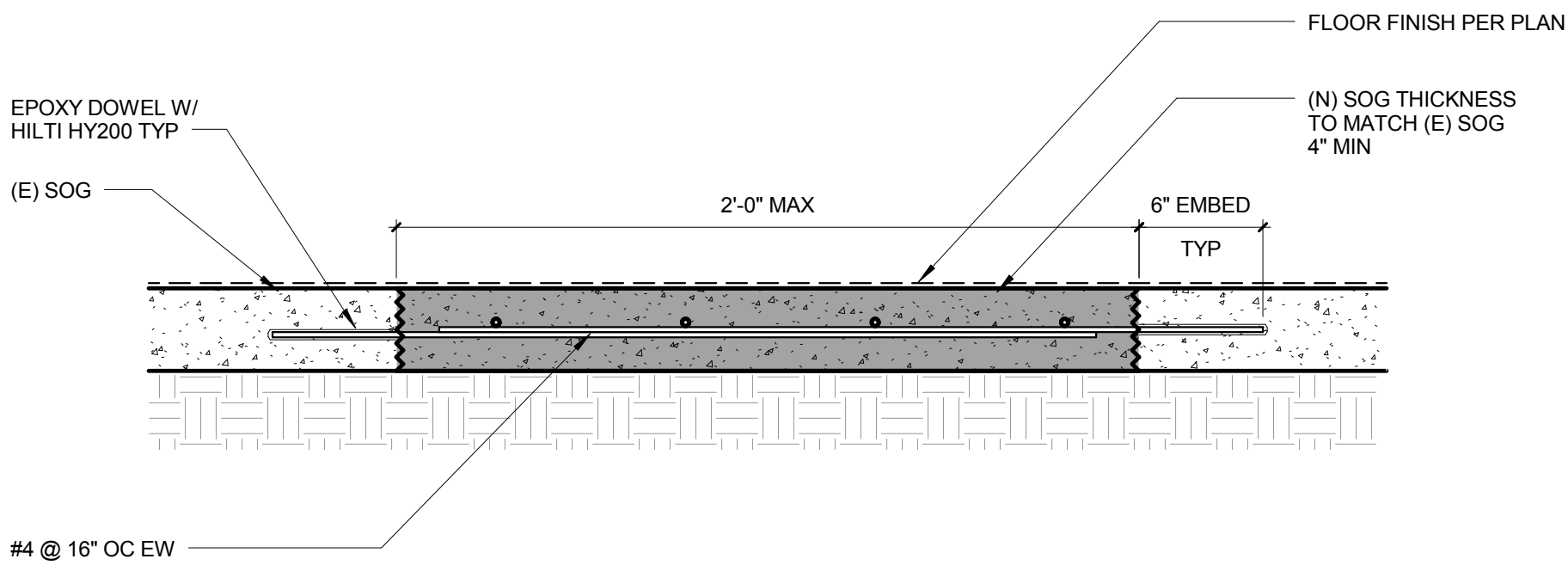
Project Title
PALOMAR COMMUNITY COLLEGE
ESCONDIDO HEALTH CENTER TI
PALOMAR COLLEGE
1951 EAST VALLEY PARKWAY
ESCONDIDO, CA 92025

No.	Description	Date

Drawing Title:
FIRST FLOOR - REMODEL PLAN & REFLECTED CEILING PLAN

Architect's Seal DESIGNED BY NO. A-32457 STATE OF CALIFORNIA	Designed Designer Scale: As indicated	Project No. 5015015
QA/QC Checker Date: 10/28/16	Drawing No. A2.1	

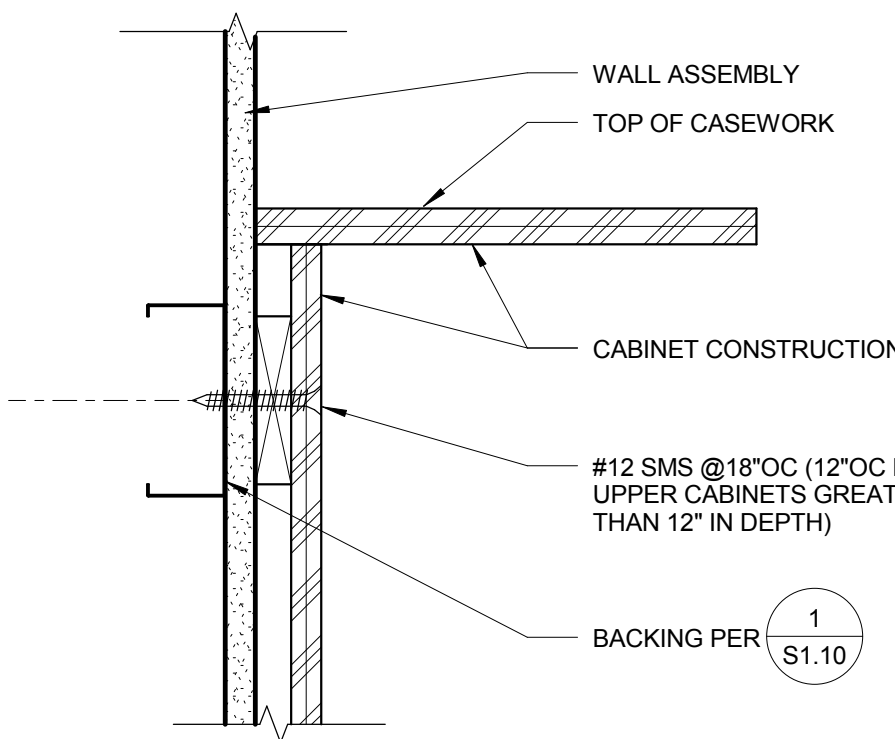
(SM)



TYPICAL SOG PATCH/INFILL DETAIL

H1

1 1/2" = 1'-0"

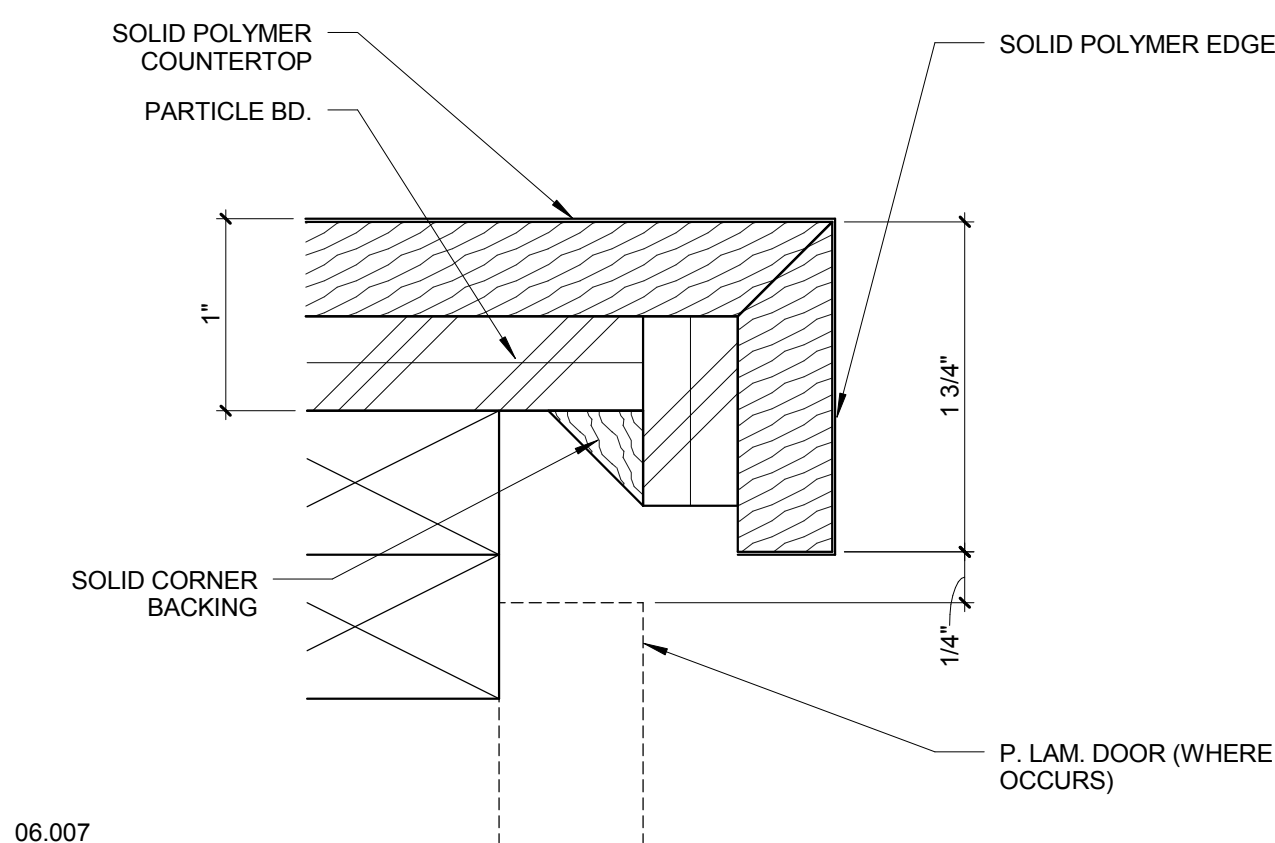


06.009

CASEWORK ATTACHED TO STUD WALL (TOP)

F2

3" = 1'-0"

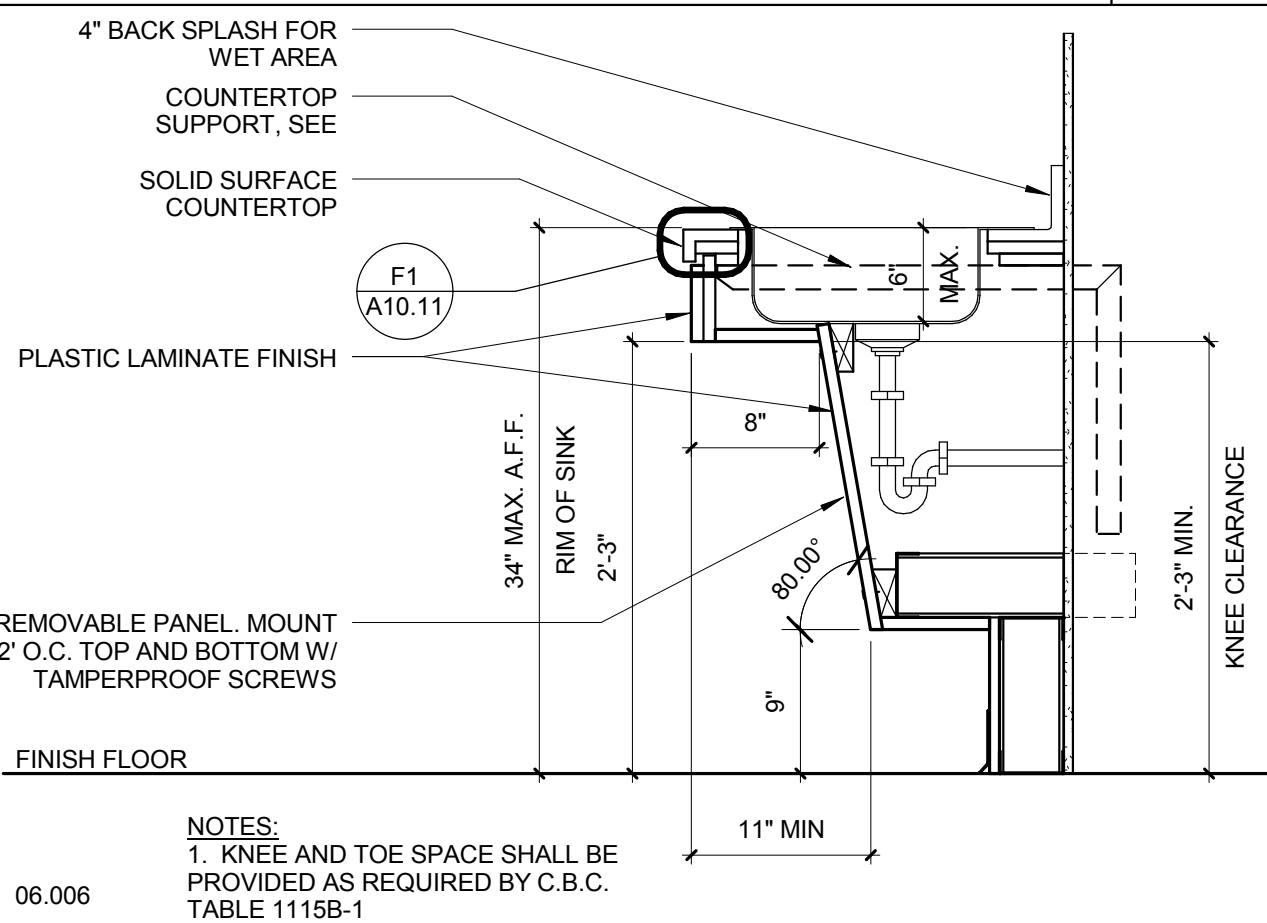


06.007

06.007 - COUNTERTOP EDGE DETAIL

F1

12" = 1'-0"

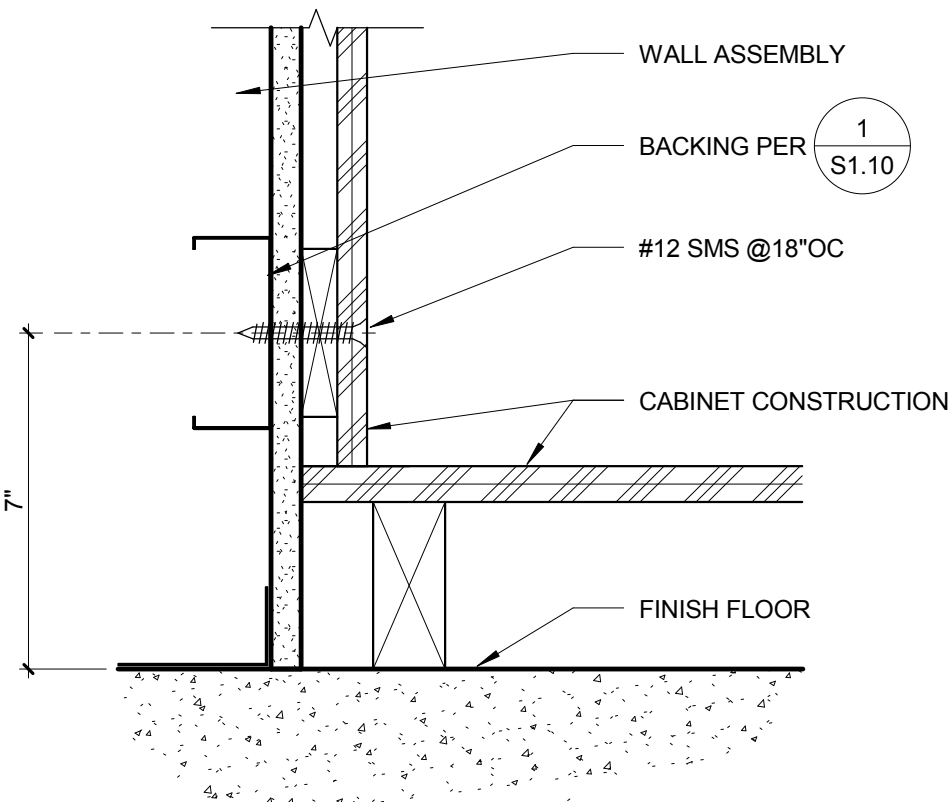


06.006

ACCESSIBLE SINK COUNTER

D4

1" = 1'-0"

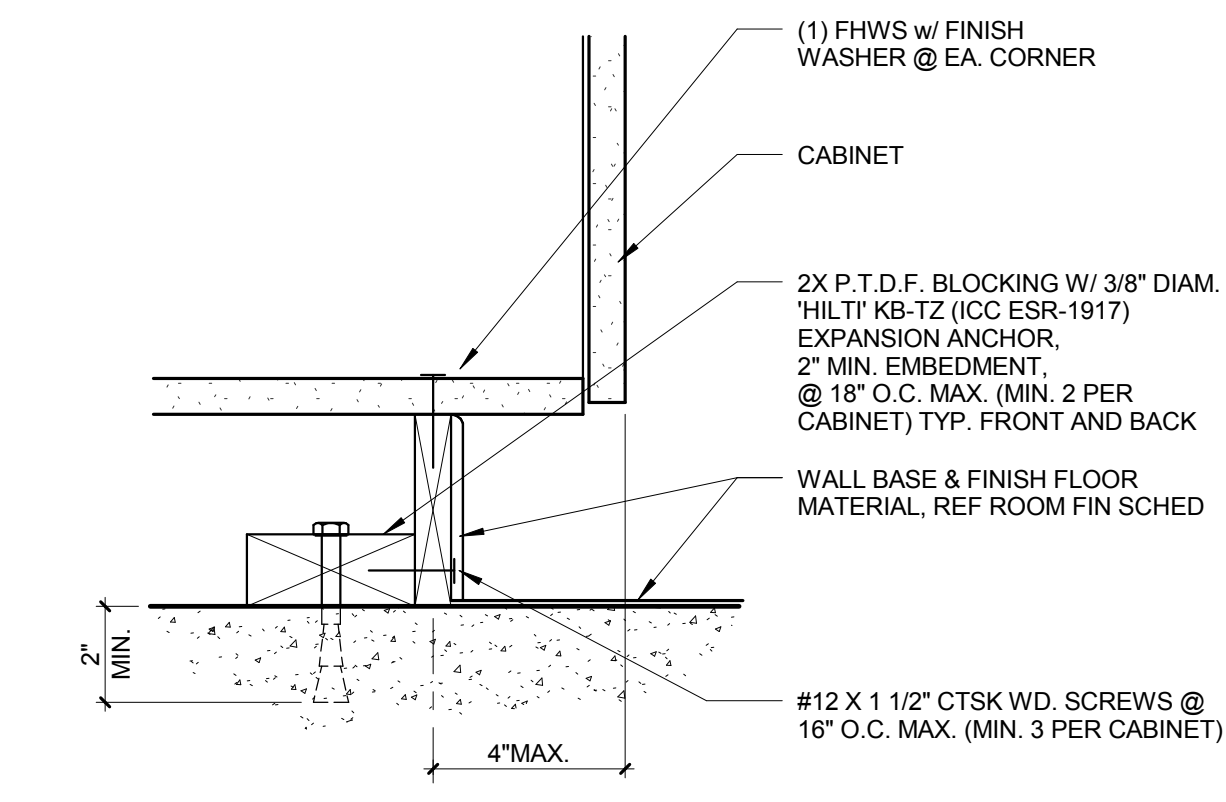


06.008

CASEWORK ATTACHED TO STUD WALL

D2

3" = 1'-0"



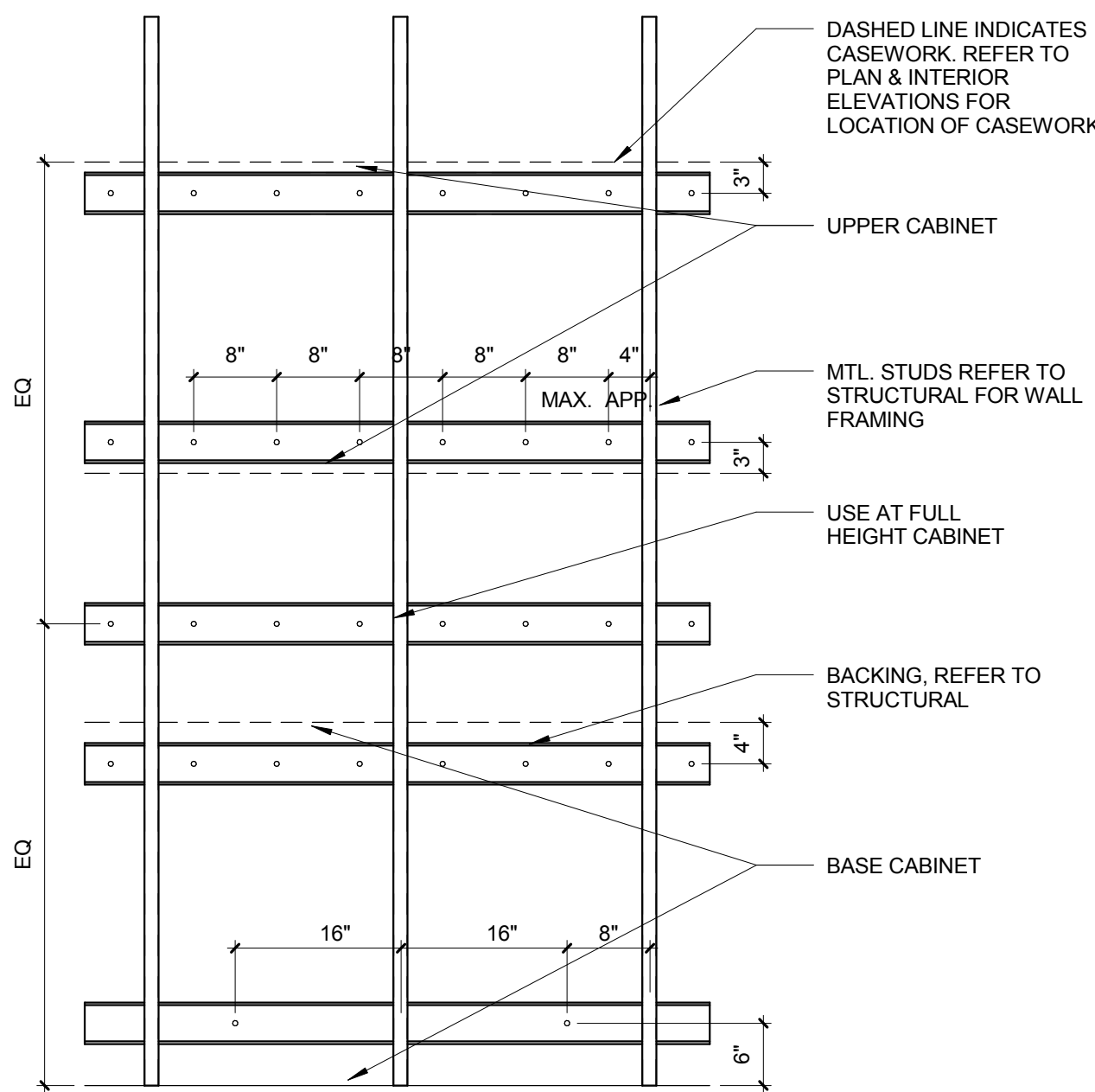
06.005

BASE CABINET ANCHORAGE

D1

3" = 1'-0"

NOTE:
1. VERTICAL STUDS TO BE 600S162-54 WHERE WALL STUDS SUPPORTS
BACKER DETAIL PER 1/A10.12

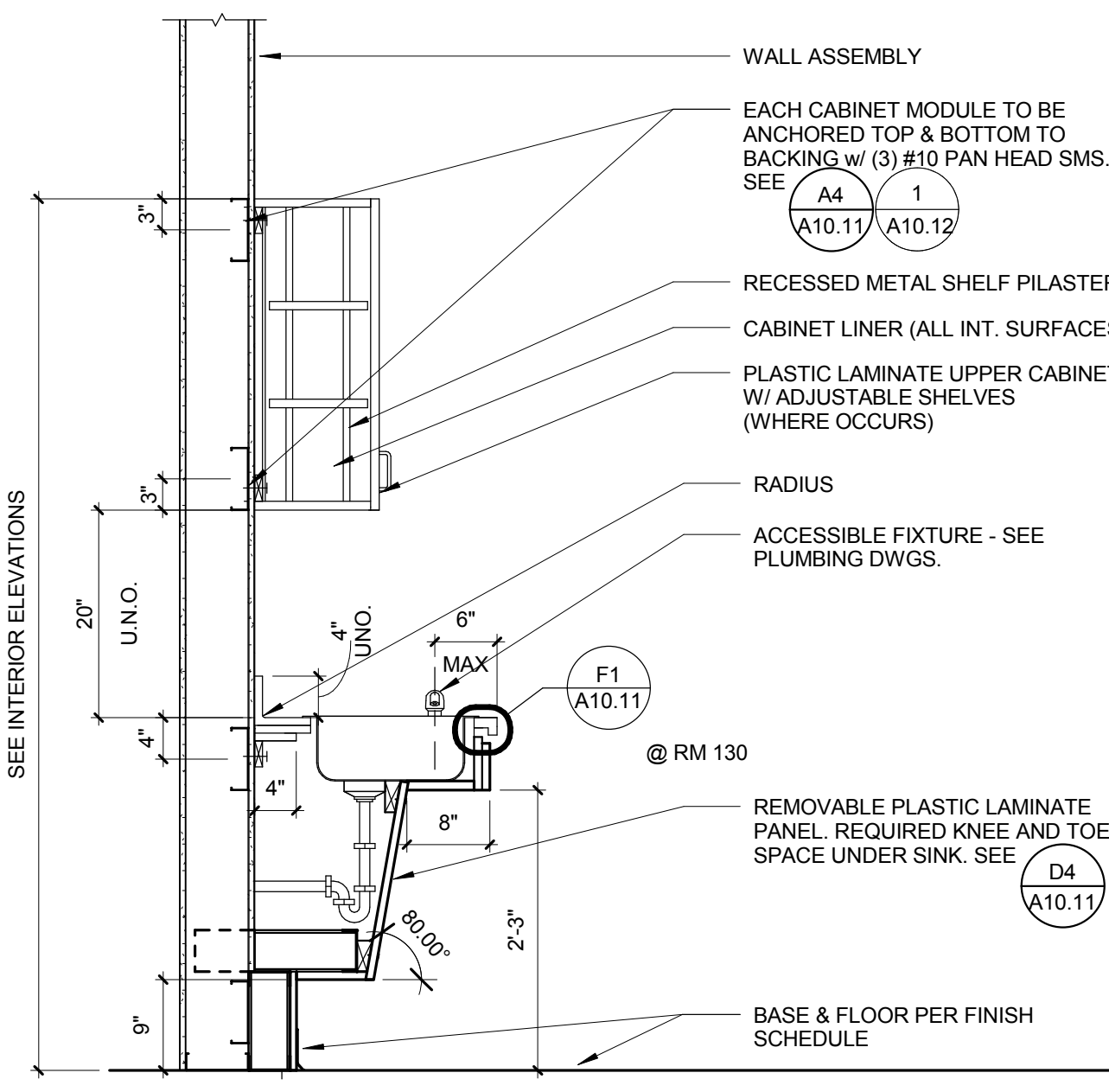


06.004

BACKING FOR CASEWORK

A4

3/4" = 1'-0"

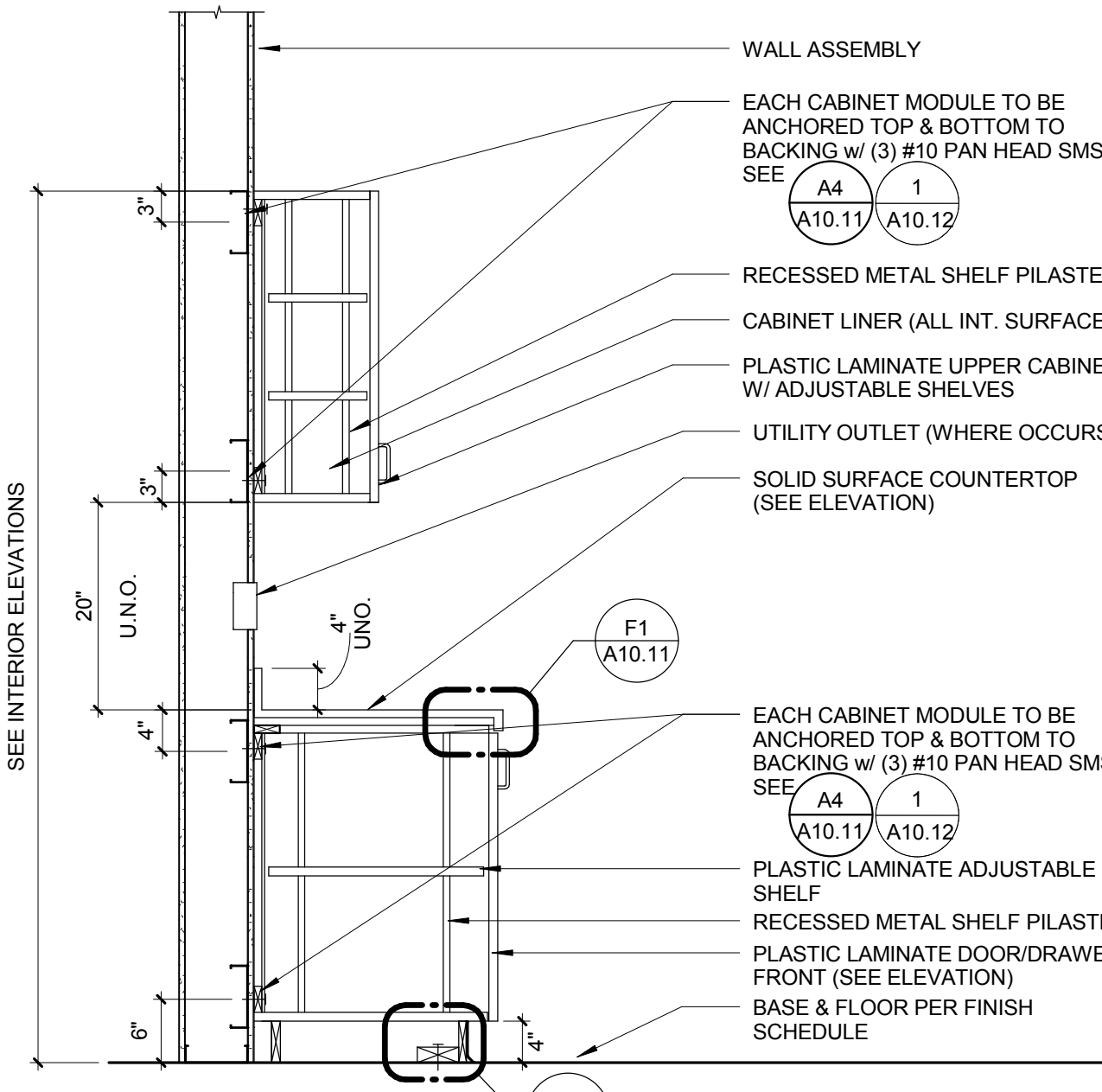


06.002

TYPICAL SINK BASE CABINET DETAIL

A2

3/4" = 1'-0"



06.001

TYPICAL CASEWORK ATTACHMENT TO WALL

A1

3/4" = 1'-0"

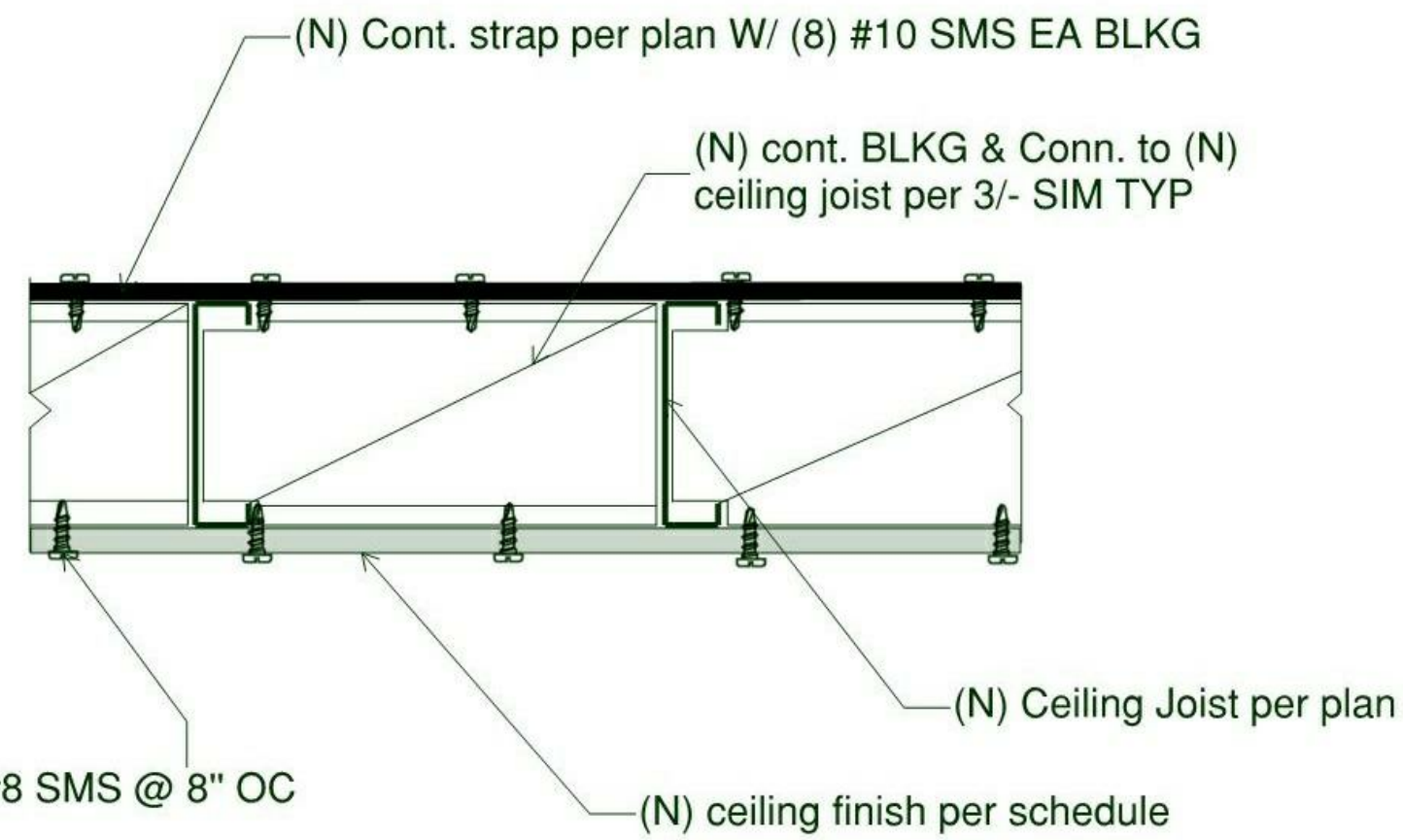
Consultant Seal Agency Approval FILE NO.

Project Title
PALOMAR COLLEGE
ESCONDIDO HEALTH CENTER II
PALOMAR COLLEGE
1951 EAST VALLEY PARKWAY
ESCONDIDO, CA 92025

No.	Description	Date

Drawing Title
DETAILS

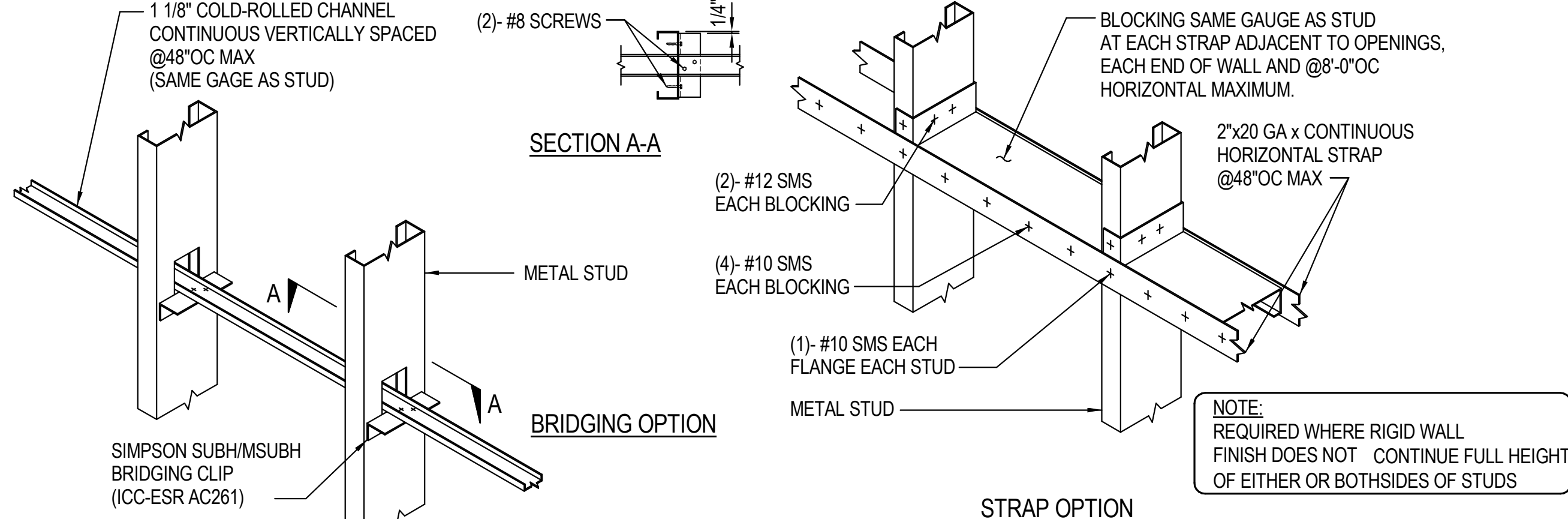
Architect's Seal 	Designed Designer	Project No. 5015015
Drawn Author	Scale As indicated	
QA/QC Checker	Drawing No. A10.11	
Date 10/28/16		



DRYWALL CONNECTION TO BLOCKING

4

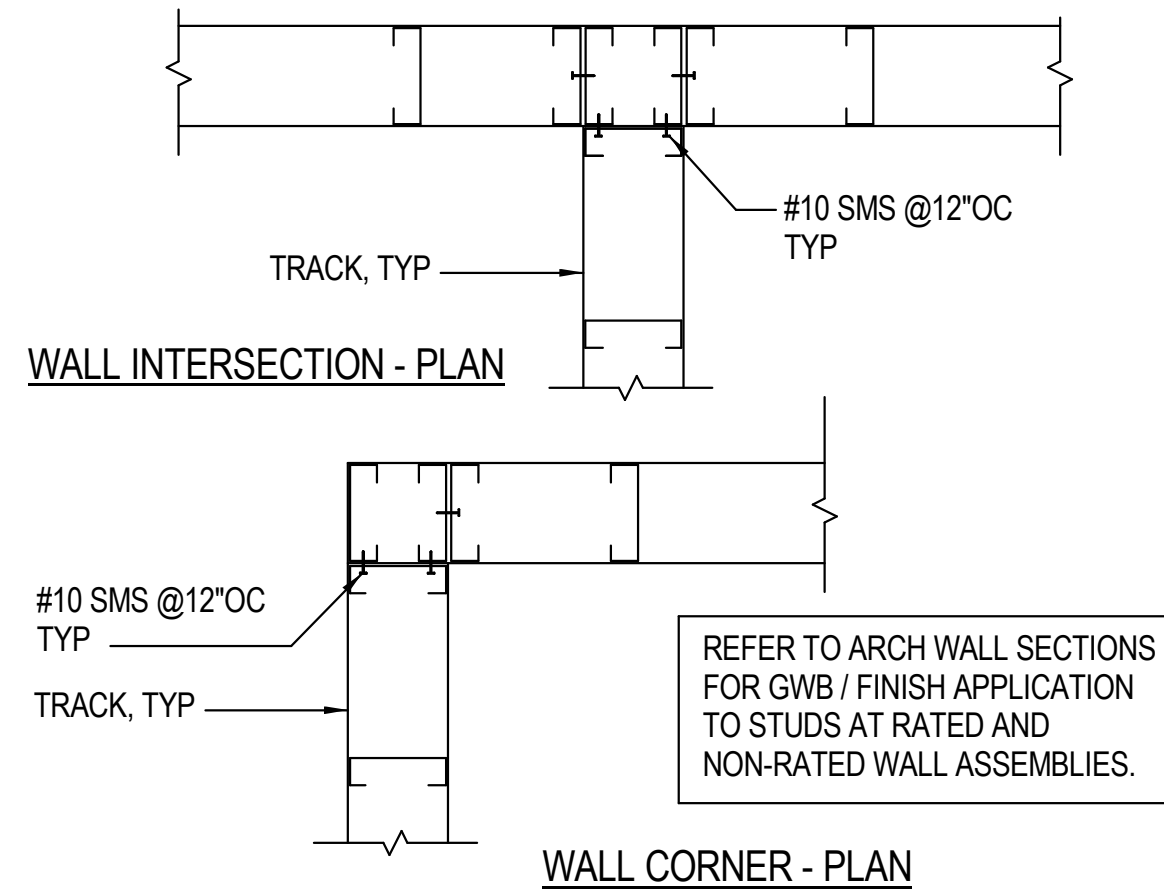
3/4" = 1'-0"



TYPICAL LATERAL BRIDGING AT METAL STUDS

3

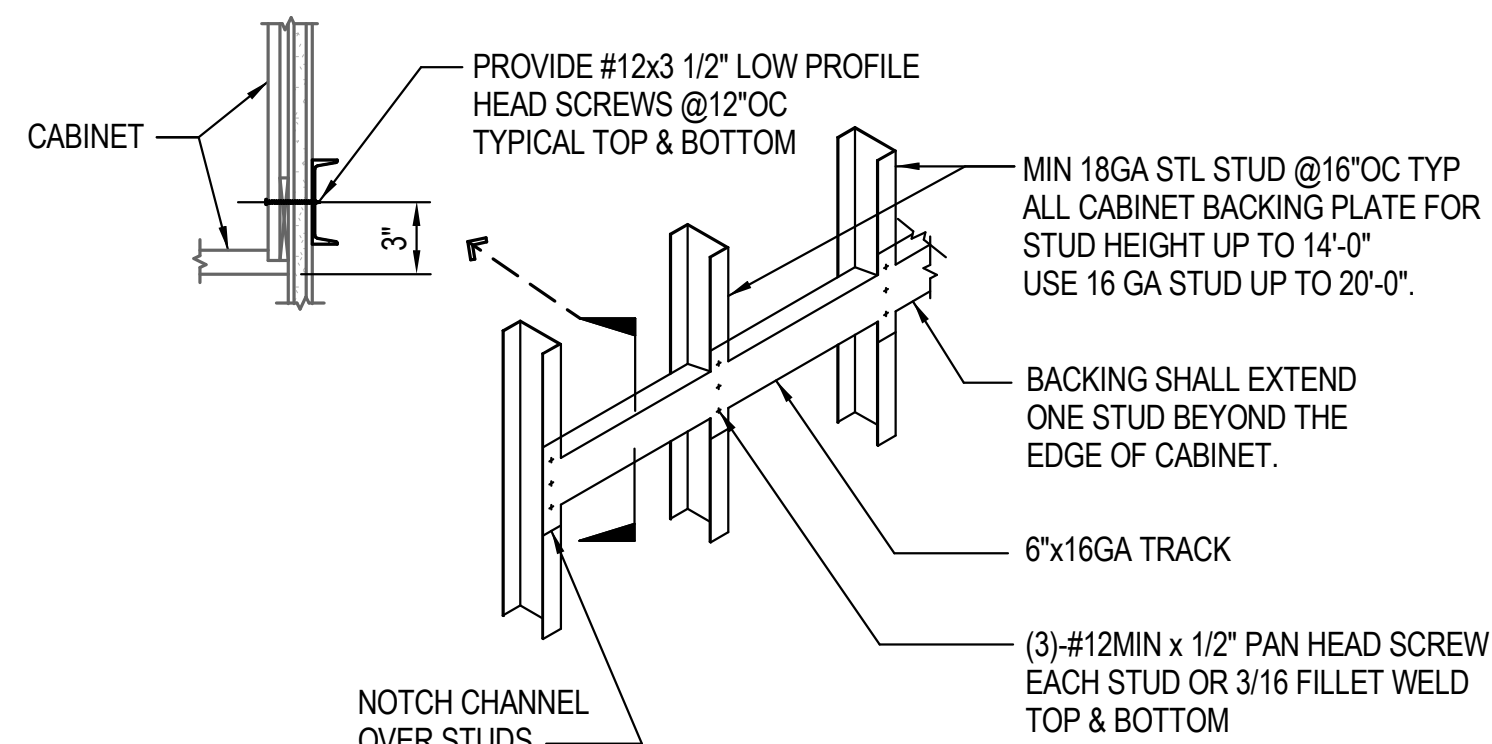
NTS



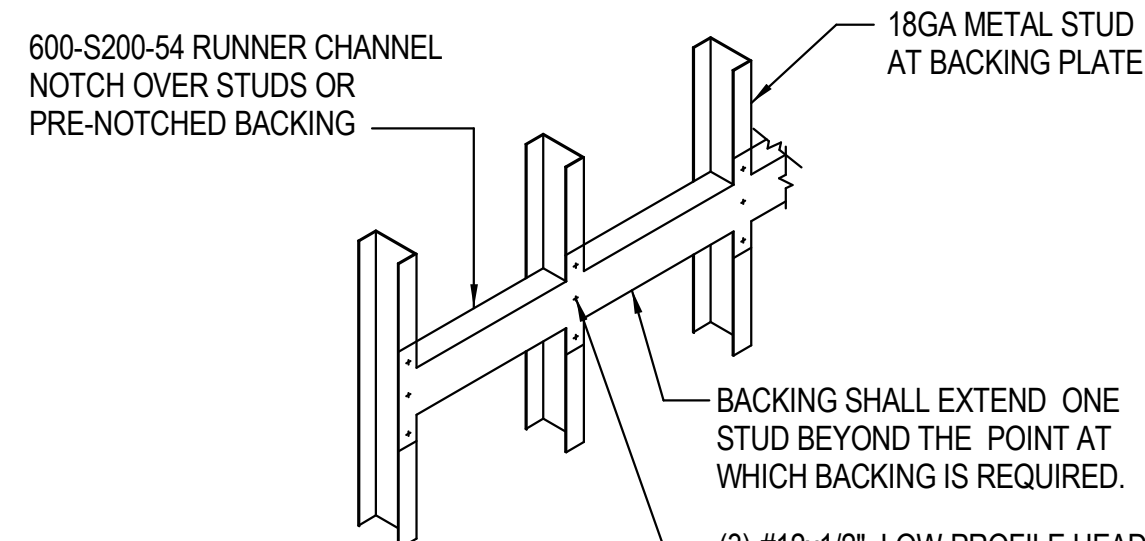
TYPICAL METAL STUD WALL AT INTERSECTION DETAIL

2

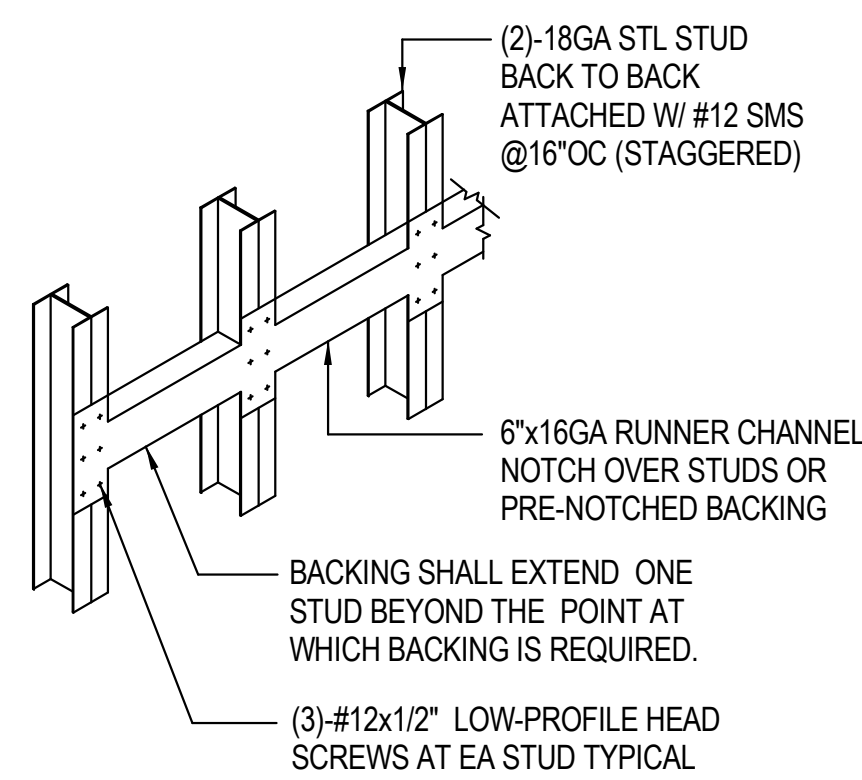
NTS



BACKING AT CABINET

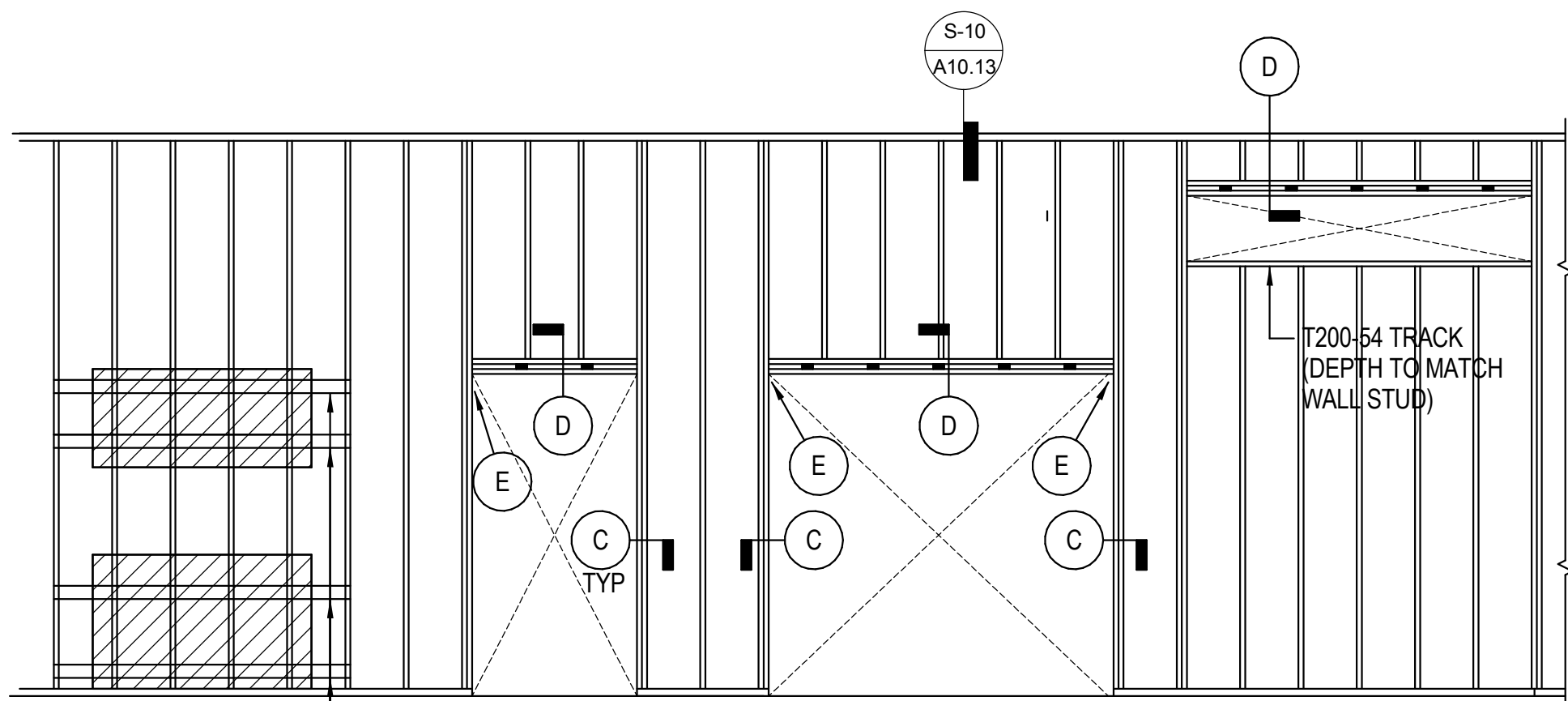


EQUIPMENT WEIGHT UNDER 100 LBS (AND FIXTURES)

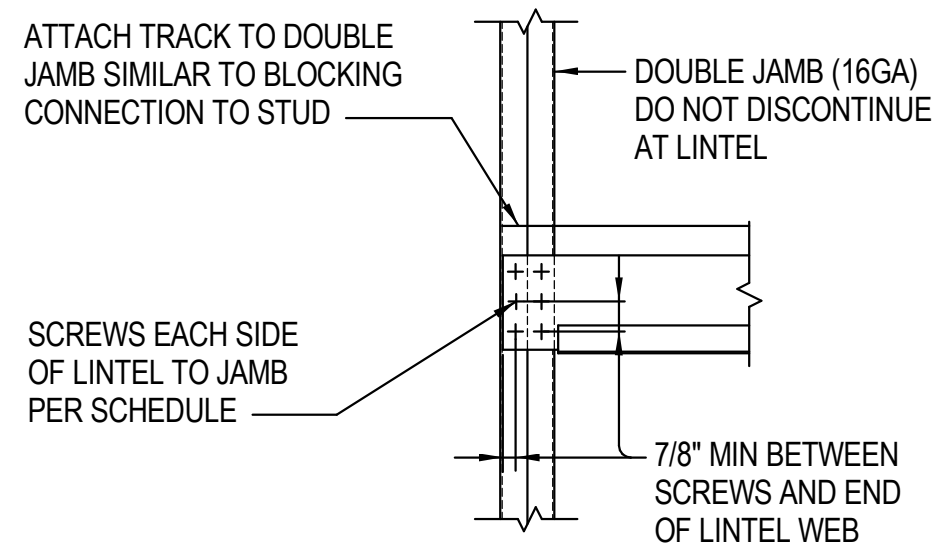


EQUIP WEIGHT BETWEEN 100-200 LBS (AND FIXTURES)

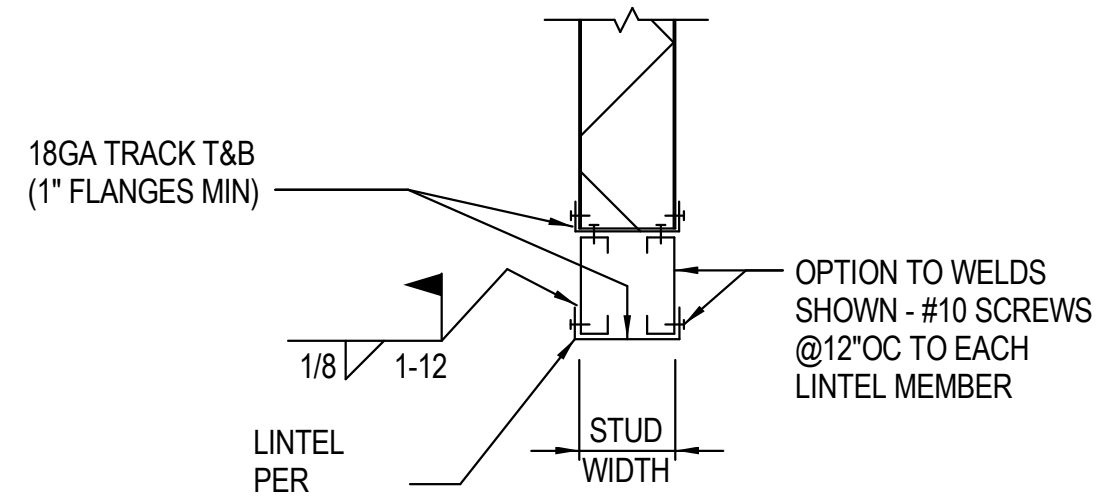
BACKING FOR WALL SUPPORTED ITEMS



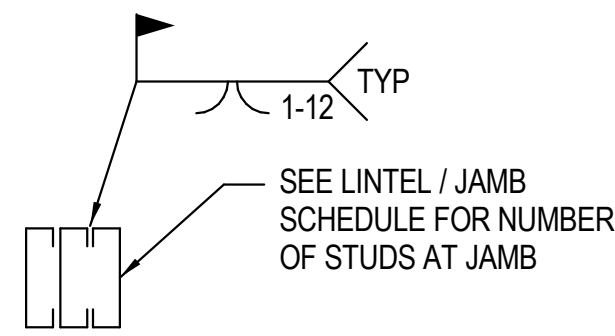
TYPICAL METAL STUD WALL ELEVATION



CONNECTION TO JAMB



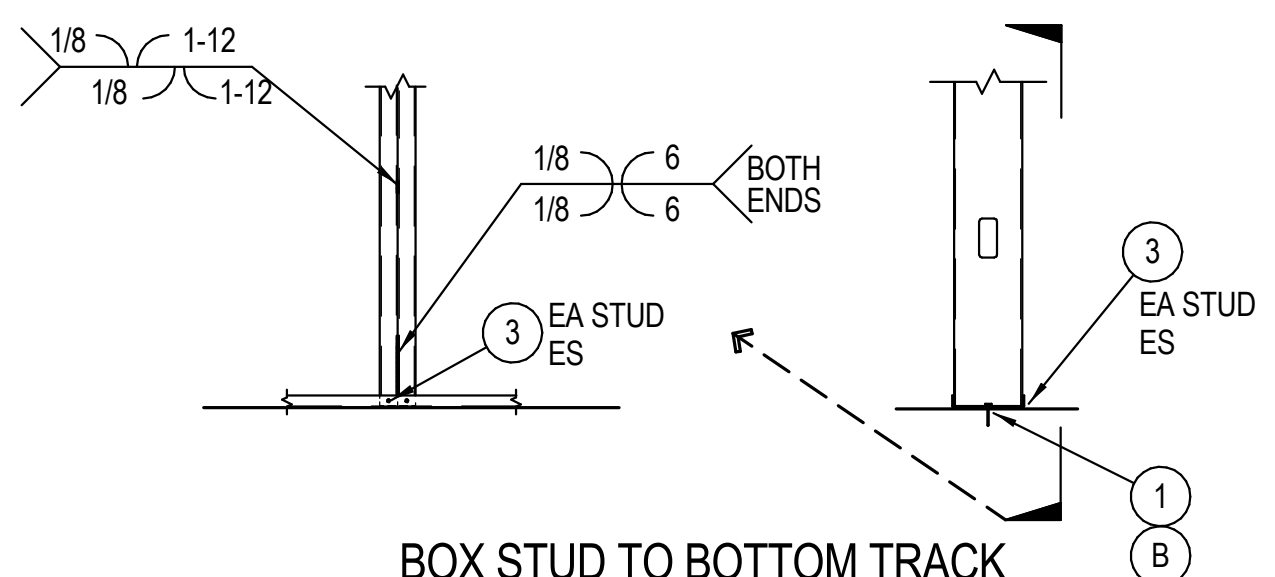
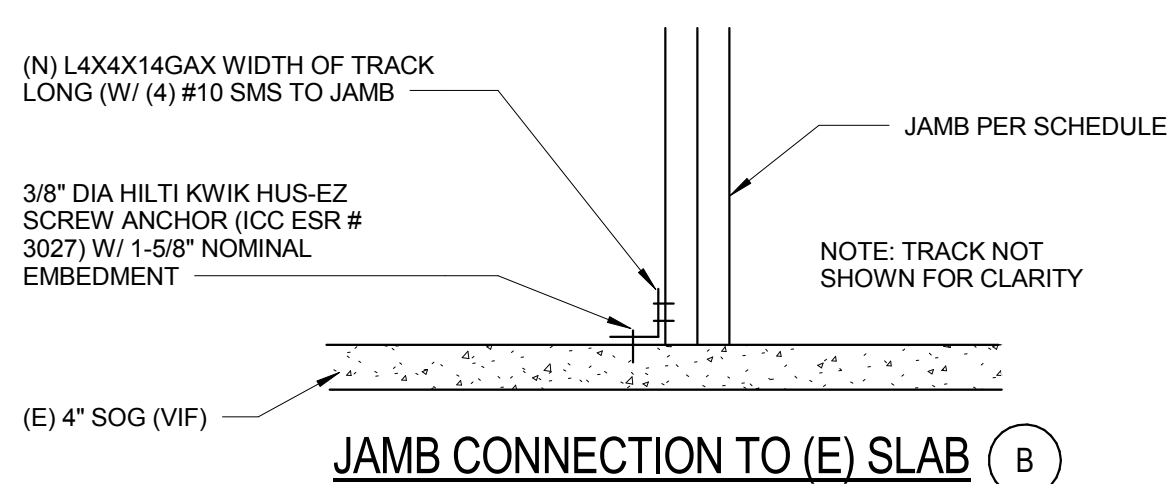
LINTEL SECTION



JAMB SECTION

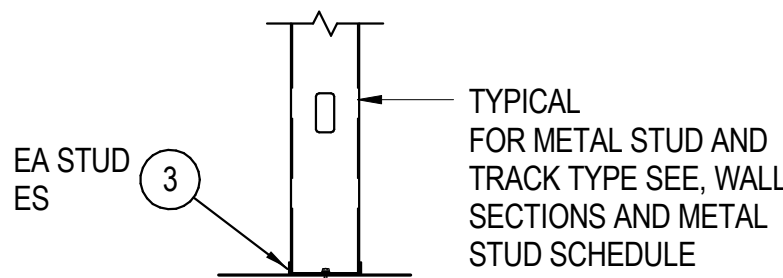
JAMB / LINTEL DETAILS AND SCHEDULE

LINTEL / JAMB SCHEDULE			
MAX LENGTH	LINTEL BEAM SIZE	# OF STUDS AT JAMB	#10 SCREWS EACH SIDE OF BEAM TO JAMB
4'-0"	(2) 600 S162-43	2	4 SCREWS (8 TOTAL)

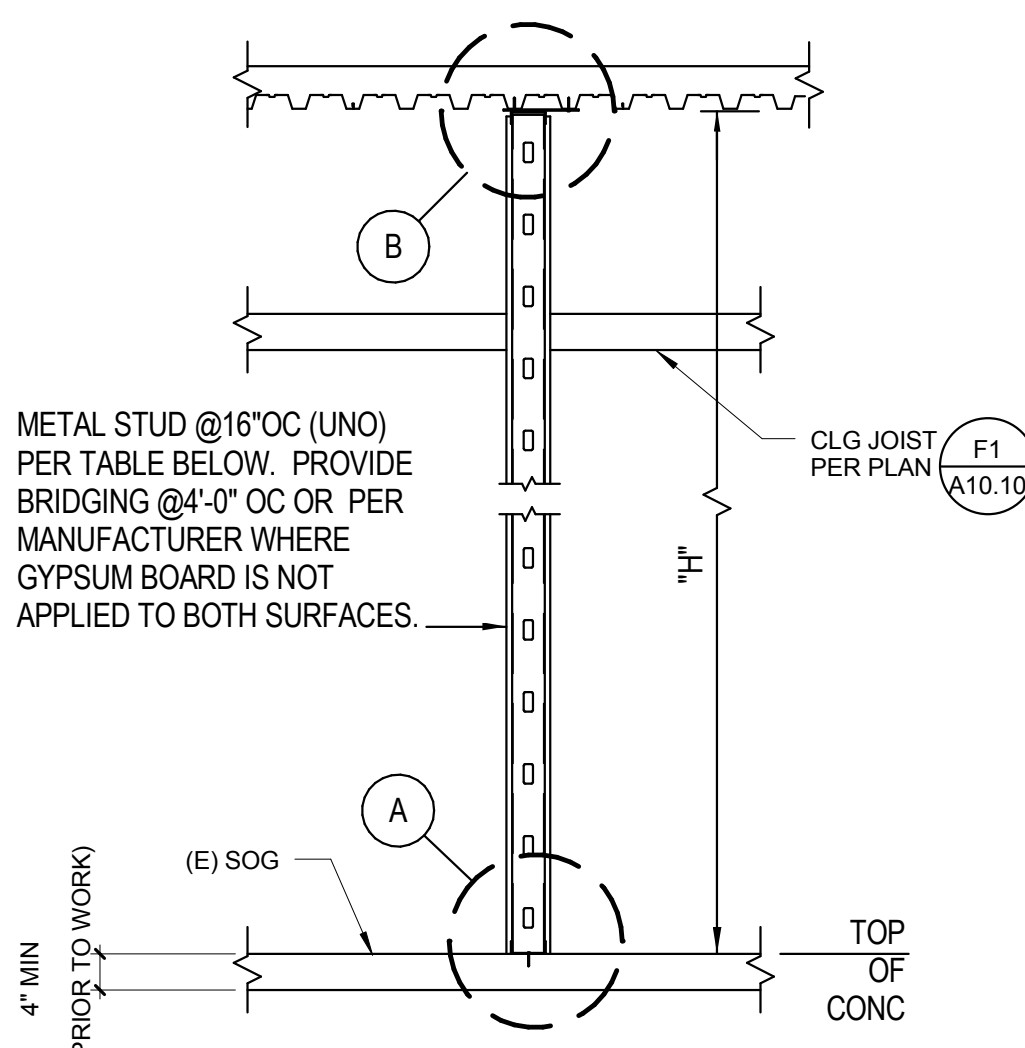


- NOTES:
1. FOR STEEL STUD AND TRACK TYPE, SEE PLANS, SECTIONS AND METAL STUD SIZE SCHEDULE.
 2. FOR METAL STUD FASTENERS, SEE METAL STUD FASTENER SCHEDULE.

STUD TO SLAB DETAIL



SINGLE STUD TO BOTTOM TRACK



TYPICAL METAL STUD WALL SECTION

- NOTES:
1. MAXIMUM STUD HEIGHT "H" FOR STUDS @16"OC
 2. SEE ARCHITECTURAL FOR OTHER CONDITIONS.
 3. SEE ARCHITECTURAL FOR LOCATION OF CURB.
 4. HILTI X-U LOW VELOCITY POWER DRIVEN FASTENER SHALL BE PER ICC REPORT No. ESR 2269
 5. ALL TRACKS SHALL BE 1 GAGE THICKER THAN STUDS WITH 1-1/2" FLANGE
 6. FOR EXTERIOR FIREPROOFED CONDITIONS SEE 9/S1.11

TYPICAL NON-BEARING METAL STUD WALL CONSTRUCTION DETAILS

1

NTS

Consultant Seal Agency Approval FILE NO.

Project Title

PALOMAR COMMUNITY COLLEGE
ESCONDIDO HEALTH CENTER TI

PALOMAR COLLEGE
1951 EAST VALLEY PARKWAY
ESCONDIDO, CA 92025

No.	Description	Date

Drawing Title:
DETAILS - TYPICAL METAL STUD

Architect's Seal

Designed: LR Project No. 5015015

Drawn: JPR Scale: As indicated

QA/QC LR Drawing No.

Date: 10/28/16

A10.12

10/28/16

PLEASE RECYCLE

POST INSTALLED ANCHORS (CONTINUED)

TESTING AND INSTALLATION OF POST-INSTALLED ANCHORS SHALL COMPLY WITH THE FOLLOWING:

A. EPOXY ANCHORS

- SHALLOW ANCHORS (EMBEDMENT LESS THAN 8 ANCHOR DIAMETERS) RESISTING DIRECT TENSION LOAD ARE NOT PERMITTED.
- ANCHORS SHALL BE TENSION TESTED PER CBC SECTION - 1913A.7, AND SHALL EXHIBIT NO DISCERNABLE MOVEMENT DURING TESTING. FREQUENCY OF TESTS SHALL BE PER CBC SECTION 1913A.7.3.
- THE TENSION TEST LOAD SHALL EQUAL TWICE THE ALLOWABLE LOAD FOR THE SPECIFIC LOCATION OF THE ANCHOR TO BE TESTED OR 80% OF THE YIELD STRENGTH OF THE BOLT, WHICHEVER IS LESS.
- THE TEST PROCEDURE SHALL COMPLY WITH THAT OF EXPANSION TYPE ANCHORS LISTED ABOVE. HOWEVER, TORQUE TESTING OF EPOXY ANCHORS IS NOT PERMITTED.
- WHERE EPOXY DOWELS ARE USED AS SHEAR DOWELS ACROSS COLD JOINTS IN SLABS ON GRADE, TESTING OF THESE DOWELS ARE NOT REQUIRED.

B. EXPANSION ANCHOR BOLTS

- ALL FIELD INSTALLED CONCRETE EXPANSION ANCHORS SHALL BE APPROVED FOR THE TYPE AND INSTALLATION, FOR ITS APPLICATION, AND MATERIALS. ALL BOLTS SHALL HAVE AN APPROVED ICC EVALUATION REPORT.
- ALL EXPANSION TYPE ANCHORS SHALL BE TENSION TESTED AS REQUIRED BY CBC 1916A.7 WHERE ANCHORS ARE USED FOR NON-STRUCTURAL APPLICATIONS SUCH AS EQUIPMENT ANCHORAGE, 50% OF ALL ANCHORS AND EACH BOLT GROUP SHALL BE TENSION TESTED.
- ALL ANCHORS SHALL BE TESTED PER CORRESPONDING ICC-ESR REPORTS AND AS FOLLOWS:
 - ANCHOR DIAMETER REFERS TO THE THREAD SIZE FOR A WEDGE AND SHELL CATEGORIES AND TO THE ANCHOR OUTSIDE DIAMETER FOR THE SLEEVE CATEGORY.
 - APPLY PROOF TEST LOADS TO WEDGE AND SLEEVE ANCHORS WITHOUT REMOVING THE NUT IF POSSIBLE. IF NOT, REMOVE THE NUT AND INSTALL A THREADED COUPLER NUT TO THE SAME TIGHTNESS OF THE ORIGINAL NUT USING A TORQUE WRENCH AND APPLY LOAD.
 - FOR SLEEVE/SHELL INTERNALLY THREADED CATEGORIES, VERIFY THAT THE ANCHOR IS NOT PREVENTED FROM WITHDRAWING BY A BASE PLATE OR OTHER FIXTURES. IF RESTRAINT IS FOUND, LOOSEN AND SHIM OR REMOVE FIXTURE(S) PRIOR TO TESTING.
 - REACTION LOADS FROM TEST FIXTURES MAY BE APPLIED CLOSE TO THE ANCHOR BEING TESTED. PROVIDED THE ANCHOR IS NOT RESTRAINED FROM WITHDRAWING BY THE FIXTURE(S).
 - SHELL TYPE ANCHORS SHOULD BE TESTED AS FOLLOWS:
VISUALLY INSPECT 25 % FOR FULL EXPANSION AS EVIDENCED BY THE LOCATION OF THE EXPANSION PLUG IN THE ANCHOR BODY. PLUG LOCATION OF A FULLY EXPANDED ANCHOR SHOULD BE AS RECOMMENDED BY THE MANUFACTURED, OR IN THE ABSENCE OF SUCH RECOMMENDATION, AS DETERMINED ON THE JOB SITE FOLLOWING THE MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND PROOF LOAD 5 % AS INDICATED IN THE TABLE ABOVE, BUT NOT LESS THAN THREE ANCHORS PER DAY FOR EACH DIFFERENT PERMANENT OR CREW INSTALLING ANCHORS, OR TEST ANCHORS PER CBC SECTION 1916A.7.
 - TEST EQUIPMENT SHALL BE CALIBRATED BY AN APPROVED TESTING LABORATORY IN ACCORDANCE WITH STANDARD RECOGNIZED PROCEDURES.
 - ALTERNATE TORQUE TEST PROCEDURES AND TEST VALUES FOR SHELL TYPE ANCHORS MAY BE SUBSTITUTED TO DSA FOR REVIEW AND APPROVAL ON A CASE-BY-CASE BASIS.
 - THE FOLLOWING CRITERIA APPLY FOR THE ACCEPTANCE OF INSTALLED ANCHORS:
HYDRAULIC RAM METHOD: THE ANCHOR SHOULD HAVE NO OBSERVABLE MOVEMENT AT THE APPLICABLE TEST LOAD. FOR WEDGE AND SLEEVE TYPE ANCHORS, A PRACTICAL WAY TO DETERMINE OBSERVABLE MOMENT IS THAT THE WASHER UNDER THE NUT BECOMES LOOSE.
TORQUE WRENCH METHOD: THE APPLICABLE TEST TORQUE MUST BE REACHED WITHIN THE FOLLOWING LIMITS: WEDGE OR SLEEVE TYPE: ONE-HALF (1/2) TURN OF THE NUT ONE-QUARTER (1/4) TURN OF THE NUT FOR THE 3/8 IN. SLEEVE ANCHOR ONLY.
 - THE ANCHOR MANUFACTURER RECOMMENDED INSTALLATION TORQUE AS PUBLISHED IN THE RELEVANT ICC-ES REPORT SHALL TAKE PRECEDENCE OVER TABULATED VALUES ABOVE.

C. LOW VELOCITY POWDER DRIVEN FASTENERS (SHOTPIES)

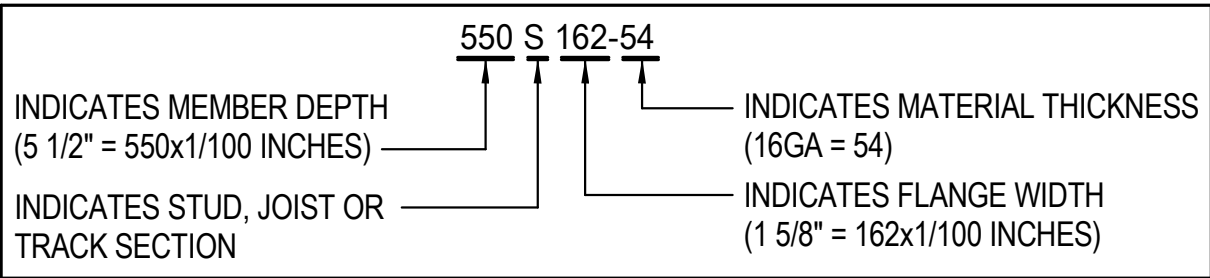
- ALL FASTENERS TO COMPLY WITH ASC 7-10, SECTION 13.4.5 AND CBC SECTION 1616A.1.20.
- REFER TO "COLD FORMED LIGHT GAUGE FRAMING" NOTES FOR ADDITIONAL INFORMATION.

POST INSTALLED ANCHORS

- ALL POST INSTALLED ANCHORS SHALL COMPLY WITH REQUIREMENTS OF THE CORRESPONDING ICC-ESR REPORTS.
- POST-INSTALLED ANCHORS OF EQUAL QUALITY AND WITH CURRENT ICC-ES REPORT MAY BE SUBSTITUTED IF APPROVED BY THE ARCHITECT (STRUCTURAL ENGINEER).
- EPOXY ANCHORS FOR CONCRETE:
 - "HILTI HIT-RE500-SD" EPOXY ANCHORS WITH ICC-ES REPORT NO. 2322.
 - SIMPSON SET-XP ADHESIVE ANCHOR SYSTEM WITH ICC-ES REPORT ESR-2508.
- EXPANSION ANCHORS:
 - HILTI KWIK BOLT T2 (CARBON STEEL) EXPANSION ANCHORS IN ACCORDANCE WITH ICC REPORT ESR-1917.
 - SCREW ANCHORS:
 - HILTI KWIK HUS-EZ (KH-EZ) WITH ICC-ES REPORT ESR-3027.
 - SIMPSON TITEN HD SCREW ANCHOR WITH ICC-ES REPORT ESR-2713.
- POWDER DRIVEN FASTENERS IN CONCRETE: HILTI X-U LOW-VELOCITY POWDER DRIVEN FASTENERS IN ACCORDANCE WITH ICC REPORT NO. ESR-2269.
- INSTALLATION: PER MANUFACTURER'S WRITTEN INSTRUCTIONS AND REFERENCED ICC EVALUATION REPORT.
 - DRILLING HOLES IN EXISTING CONCRETE OR MASONRY: USE ONLY NON-REBAR CUTTING DRILL BITS TO DRILL HOLES. LOCATE EXISTING REBAR BY NON-DESTRUCTIVE MEANS PRIOR TO DRILLING HOLES. DO NOT CUT OR DAMAGE EXISTING REBAR. PROVIDE MINIMUM 1" CLEARANCE BETWEEN REINFORCING AND ANCHOR.
 - DELETERIOUS MATERIALS: KEEP ANCHORS FREE OF DUST, GREASE, AND OTHER MATERIALS WHICH WILL IMPAIR BOND WITH CONCRETE.
 - ALL ANCHORS SHALL MEET THE MINIMUM EMBEDMENT AND SPACING, EDGE DISTANCE AND SIDE THICKNESS CRITERIA ESTABLISHED BY THE RELEVANT ICC-ES REPORT.
UNLESS NOTED OTHERWISE IN REPORT, ANCHOR EDGE DISTANCE SHALL BE A MINIMUM OF 10 BOLT DIAMETERS FROM ANY FREE EDGE OF THE SLAB AND SHALL BE SPACED A MINIMUM 12 BOLT DIAMETERS CENTER TO CENTER.
 - DO NOT DRILL HOLES WITHIN 4 INCHES OF EXISTING ELECTRICAL OUTLETS THAT ARE EMBEDDED IN SUBSTRATE.
- BRING TO THE ATTENTION OF THE ARCHITECT (STRUCTURAL ENGINEER) ANY POST-INSTALLED ANCHOR LOCATION THAT CANNOT COMPLY WITH THE PARAMETERS STATED HEREIN AND INDICATED ON THE DRAWINGS.

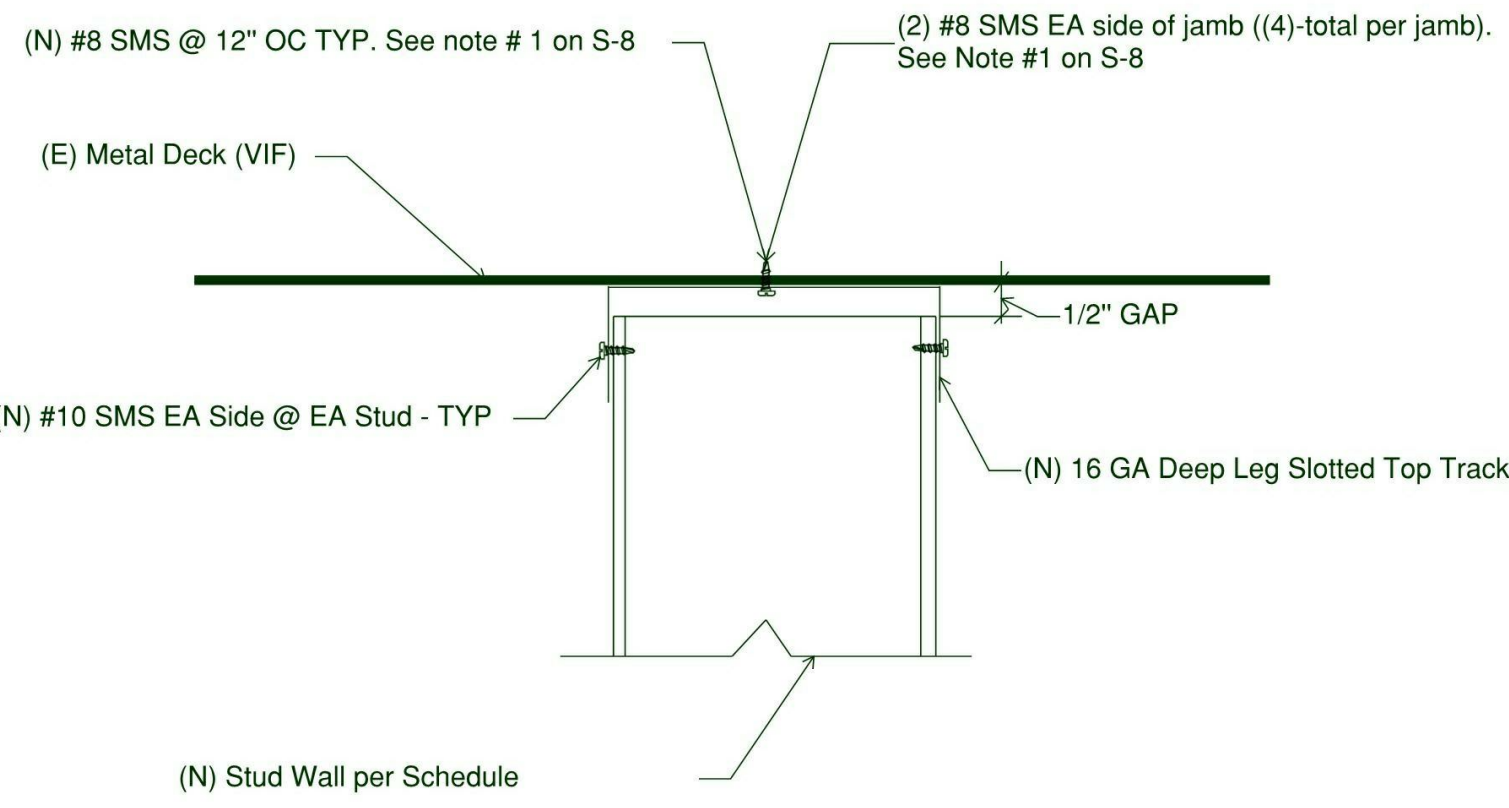
COLD-FORMED LIGHT GAUGE METAL FRAMING (CONTINUED)

- WELDING SHALL COMPLY WITH ANSI/AWS D1.3. WIRE TYING OF FRAMING COMPONENTS IS NOT PERMITTED.
 - WELDER SHALL BE AWS CERTIFIED AS REQUIRED BY THE GOVERNING CODE AUTHORITY.
 - PLUG, BUTT, FILLET OR SEAM WELD. WHERE WELDING BURN-THROUGH OCCURS, PROVIDE SUITABLE STITCH PLATE OF SAME GAUGE.
 - ELECTRODES SHALL BE E60XX FOR 33 KSI MEMBERS AND E70XX FOR 50 KSI MEMBERS.
 - TOUCH-UP GALVANIZED MEMBERS WITH ZINC-RICH PAINT.
- BOXED AND OTHER BUILT-UP SECTIONS SHALL BE STITCHED TOGETHER WITH 1/8 INCH FILLET WELDS, 1 INCH LONG AT 12 INCH ON CENTER AT SEAMS.
- HARDWARE INDICATED IS BY "THE STEEL NETWORK" IN COMPLIANCE WITH ESR-2049.



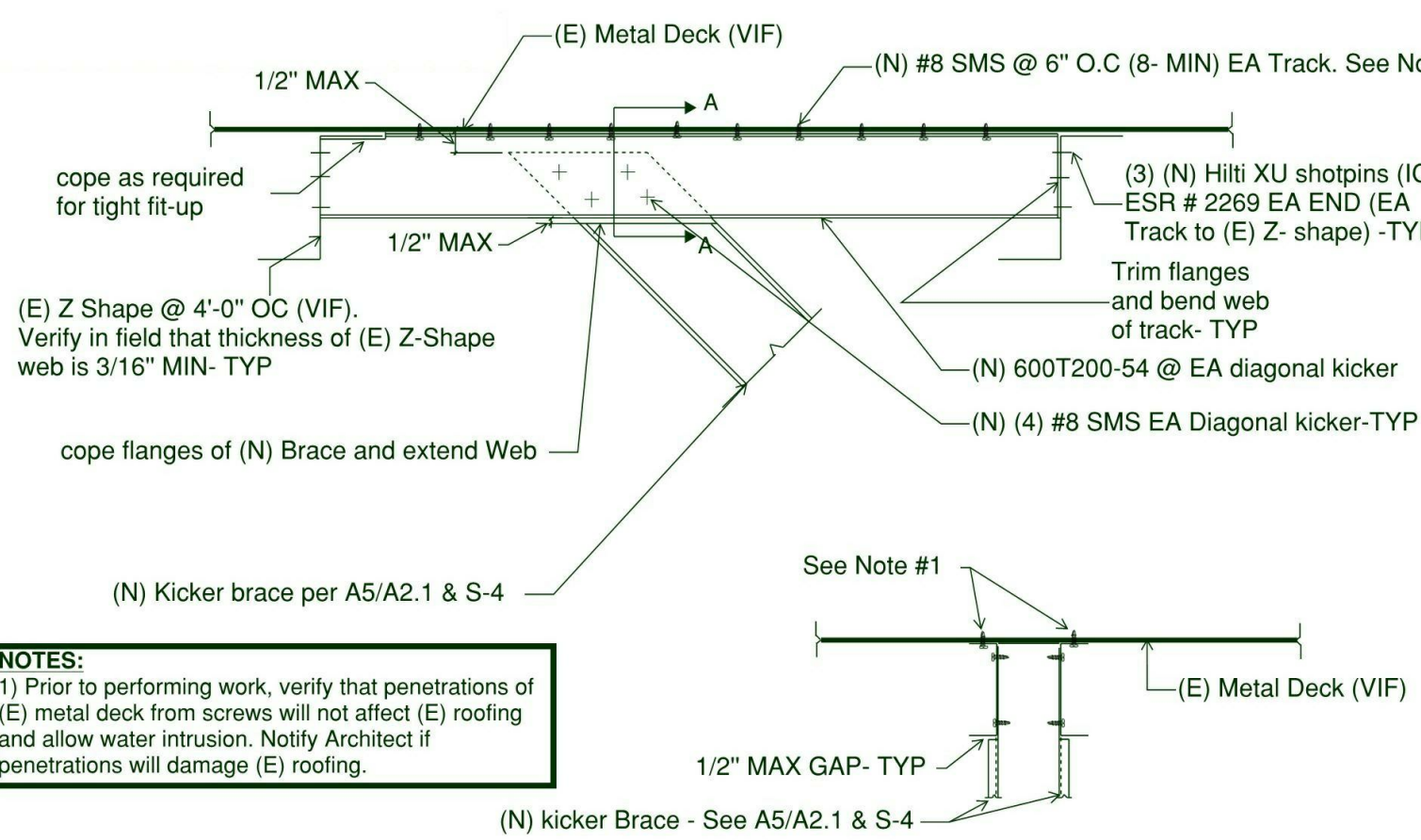
COLD-FORMED LIGHT GAUGE METAL FRAMING

- THE INSTALLATION, AND CONSTRUCTION OF COLD-FORMED LIGHTGAUGE METAL FRAMING SHALL BE IN ACCORDANCE WITH AMERICAN IRON AND STEEL INSTITUTE (AISI) "NORTH AMERICAN SPECIFICATIONS FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS" (NAS) AND AISI "STANDARD FOR COLD-FORMED STEEL FRAMING - GENERAL PROVISIONS" (GENERAL) AS AUGMENTED BY CBC SECTIONS 2210A AND 2211A.
- COLD-FORMED LIGHTGAUGE METAL FRAMING INCLUDES METAL STUDS, TRACKS, JOISTS, STRAP BRACING, BRIDGING, END CLOSURES, AND ACCESSORIES. THESE GENERAL NOTES APPLY TO LOAD BEARING, NON-LOAD BEARING & INTERIOR PARTITION COLD-FORMED LIGHTGAUGE METAL FRAMING SHOWN ON STRUCTURAL DRAWINGS ONLY.
- COLD-FORMED LIGHTGAUGE METAL FRAMING SHALL BE MANUFACTURED BY CURRENT MEMBERS OF THE STEEL STUD MANUFACTURERS ASSOCIATION (ICC-ES REPORT ESR-3064P) AND FORMED FROM GALVANIZED STEEL SHEETS CONFORMING TO ASTM A653-SS OR ASTM A1011-SS, GRADES AS FOLLOWS. GALVANIZING SHALL BE BY THE HOT-DIP PROCESS COMPLYING WITH ASTM A924.
 - GRADE 33 (Fy=33 KSI) FOR THICKNESS 0.0451" (18 GAGE) & THINNER
 - GRADE 50 (Fy=50 KSI) FOR THICKNESS 0.0566" (16 GAGE) & THICKER
- PROVIDE UNPUNCHED TRACKS WITH DIMENSION AS REQUIRED TO ENSURE PROPER FIT OF STUDS. STUDS AND JOISTS SHALL HAVE STIFFENED FLANGES.
- PROVIDE LATERAL BRIDGING FOR STUDS WHEN RIGID WALL FINISH DOES NOT CONTINUE FULL HEIGHT AND ATTACHED TO ONE OR BOTH SIDES OF STUDS. INSTALL HORIZONTAL STRAPS OR COLD-ROLLED CHANNELS AS SHOWN ON DRAWINGS AND IN ACCORDANCE WITH AISI-NAS AND AISI-GENERAL SPECIFICATIONS.
- PLUMB, ALIGN AND TIGHTLY NEST STUDS AND BRACES IN BOTH UPPER AND LOWER TRACKS AND SECURE WITH ATTACHMENTS TO BOTH FLANGES OF TRACKS. STUDS MUST BE FULLY SEATED IN TRACKS AND FASTENED WITH SELF-DRILLING SCREWS OR WELDING. SPLICES IN STUDS AND BRACES ARE NOT PERMITTED.
- SELF-DRILLING METAL SCREWS (SMS) SHALL BE DARTS BRAND SELF-DRILLING/SELF-TAPPING STEEL SCREWS MANUFACTURED BY COMPASS INTERNATIONAL (ICC-ES REPORT ESR-1408), OR APPROVED EQUAL. SMS SHALL BE NUMBER 12 MINIMUM AND SHALL PROTRUDE THROUGH THE ATTACHED MEMBERS THREE FULL THREADS, (1/4" INCH MINIMUM), BEYOND THE ATTACHED MEMBERS.
- FASTENERS FOR INTERIOR CONDITIONS INTO CONCRETE SHALL BE HILTI LOW VELOCITY X-U UNIVERSAL POWDER DRIVEN FASTENERS (ICC-ES REPORT ESR-2269), OR APPROVED EQUAL, WITH 0.157 INCH SHANK DIAMETER EMBEDDED 1 1/4 INCH INTO CONCRETE USING STANDARD INSTALLATION METHOD. FASTENERS SHALL BE DRIVEN INTO CONCRETE AFTER CONCRETE HAS ATTAINED SPECIFIED STRENGTH WITH MINIMUM SPACING OF 4 INCHES AND MINIMUM EDGE DISTANCE OF 3 INCHES. CONCRETE THICKNESS MUST BE AT LEAST THREE TIMES THE PENETRATION DEPTH OF THE FASTENER.
- FASTENERS TO STEEL SHALL BE HILTI LOW VELOCITY X-U UNIVERSAL POWDER DRIVEN FASTENERS (ICC-ES REPORT ESR-2269), OR APPROVED EQUAL, WITH MINIMUM SPACING OF 1 INCH AND MINIMUM EDGE DISTANCE OF 1/2 INCH.



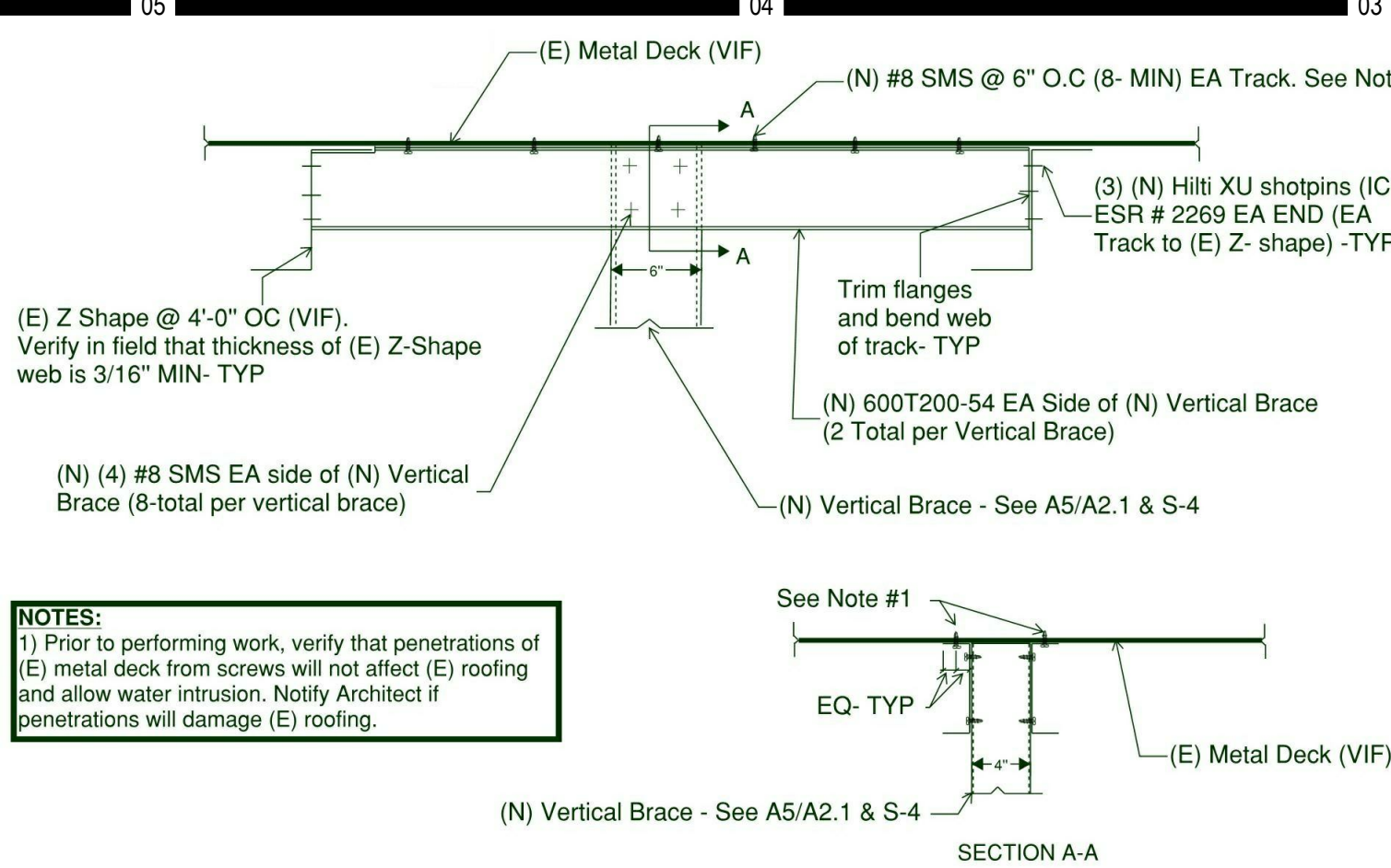
(N) STUD WALL CONNECTION TO (E) ROOF DETAIL

S-10



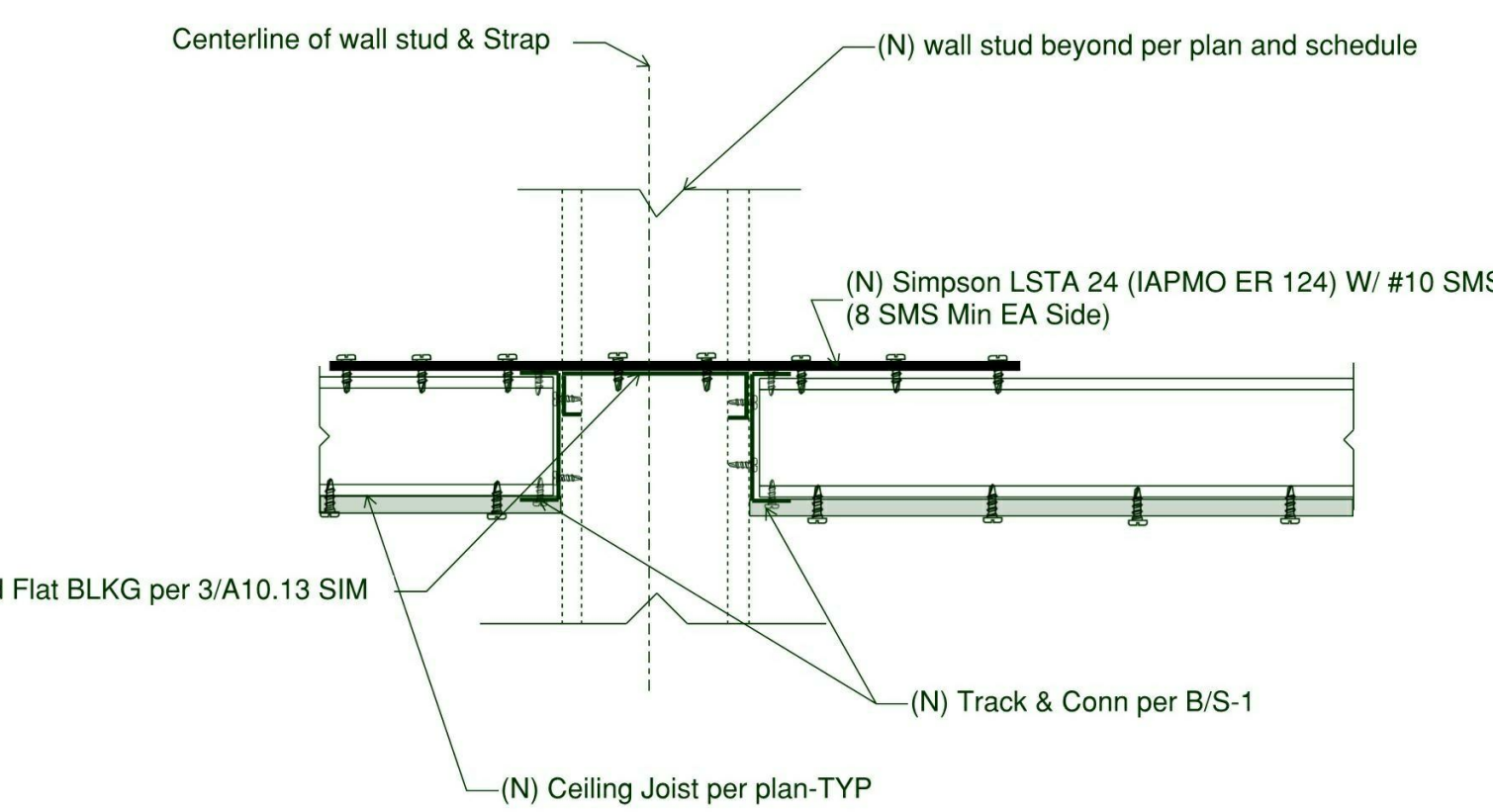
(N) KICKER CONNECTION TO (E) ROOF

S-9



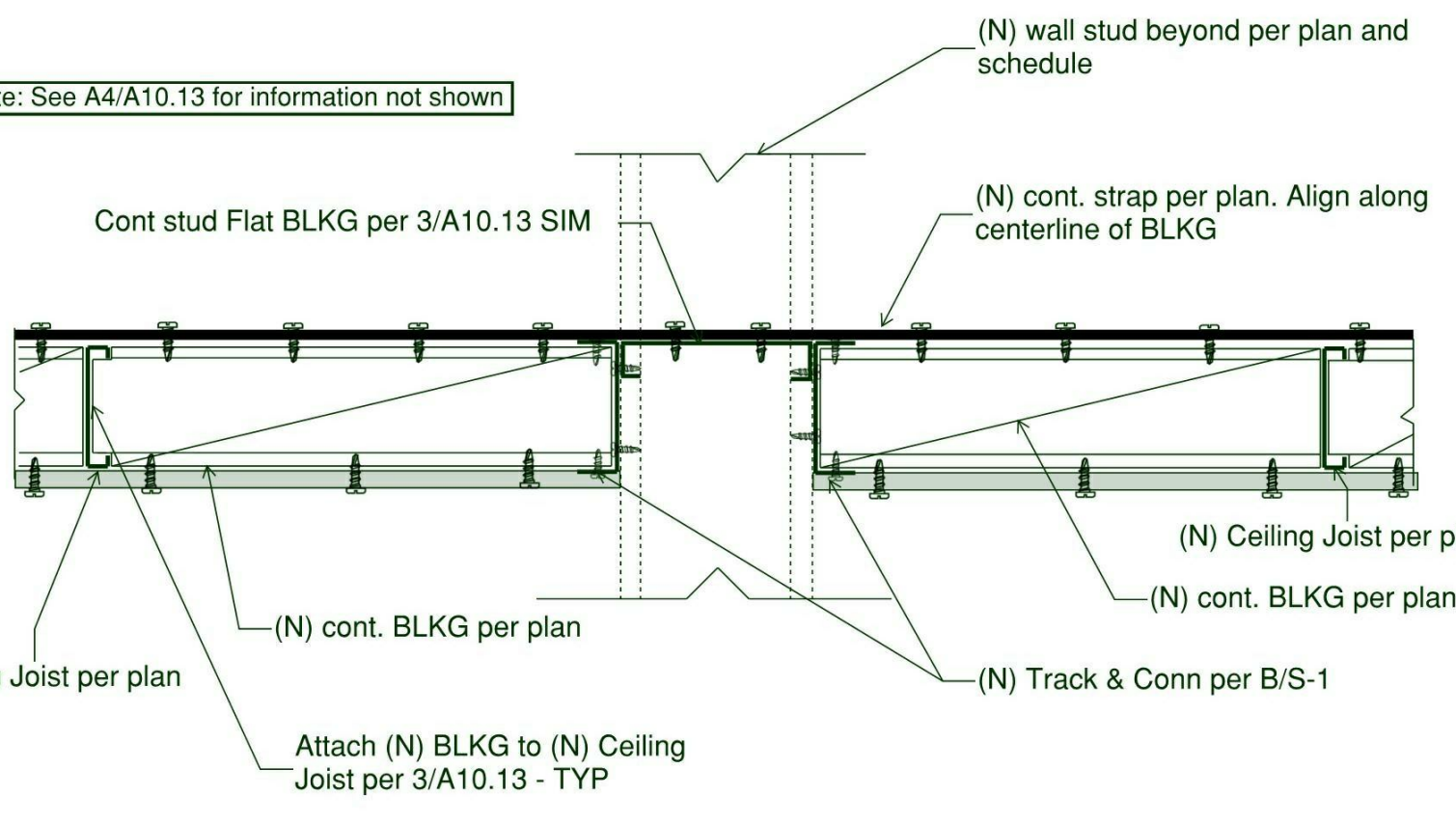
(N) KICKER CONNECTION TO (E) ROOF

S-8



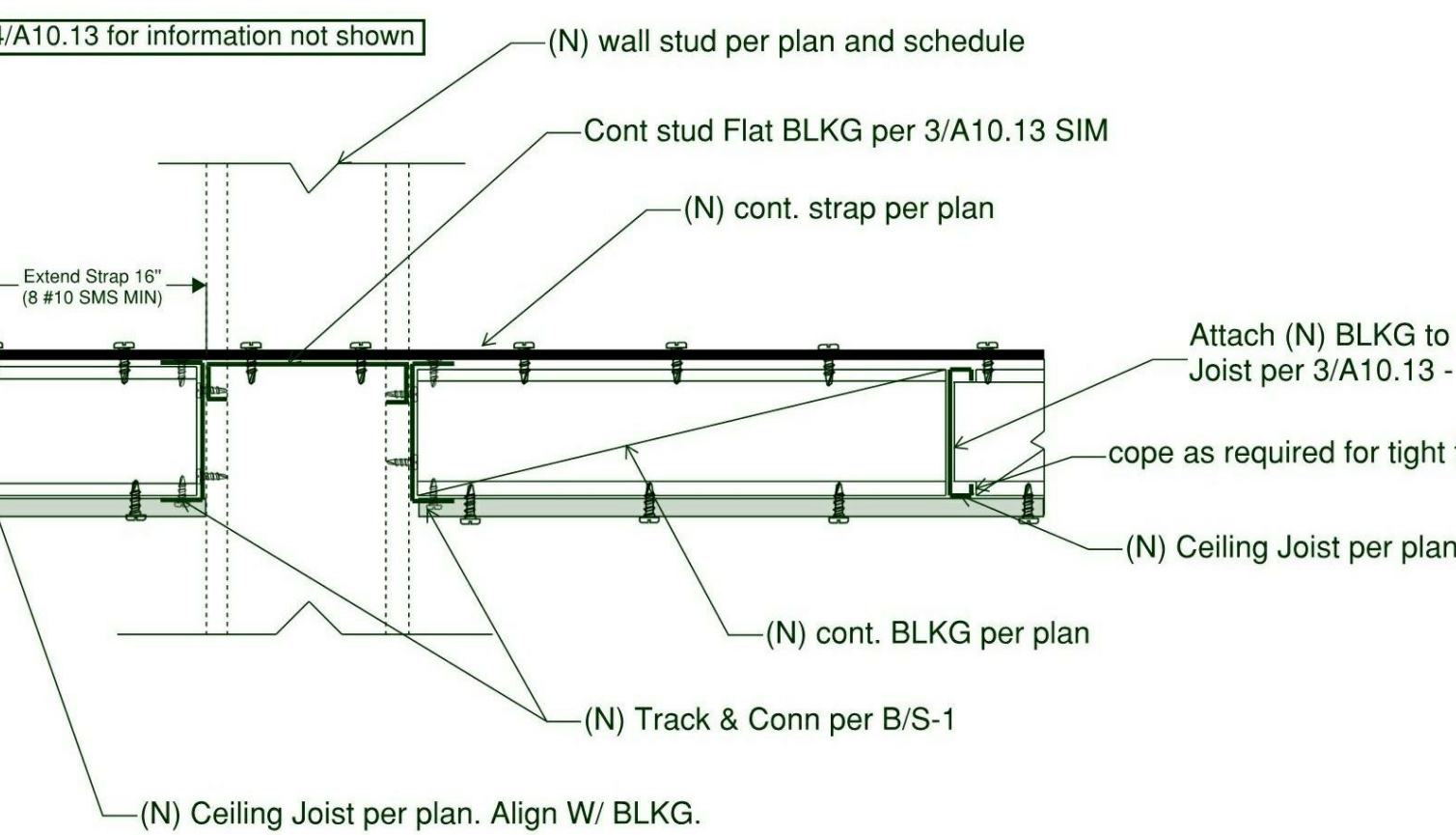
(N) CLG JOIST CONNECTION TO (N) STUD WALL

S-7.1



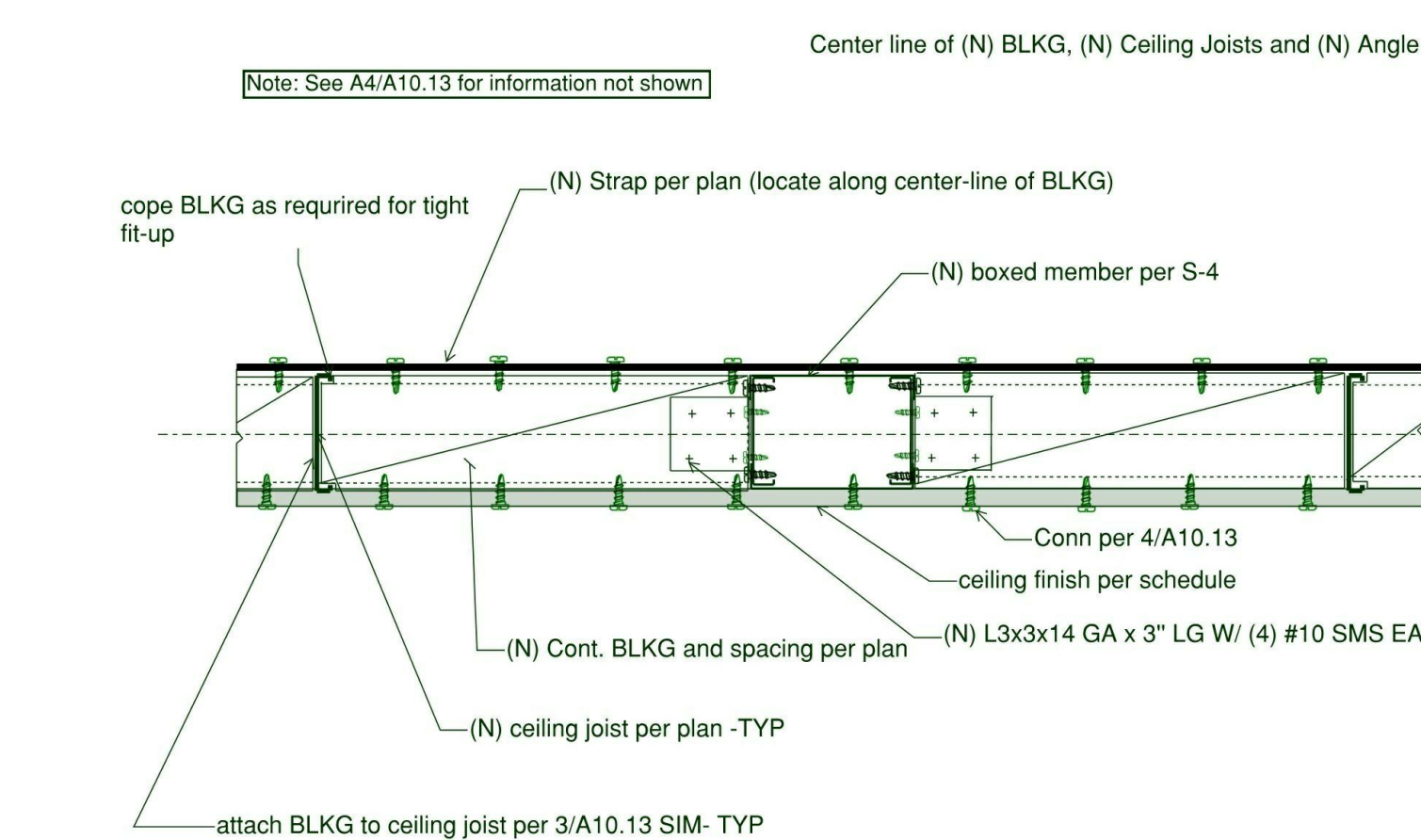
(N) BLOCKING CONNECTION TO (N) STUD WALL

S-7



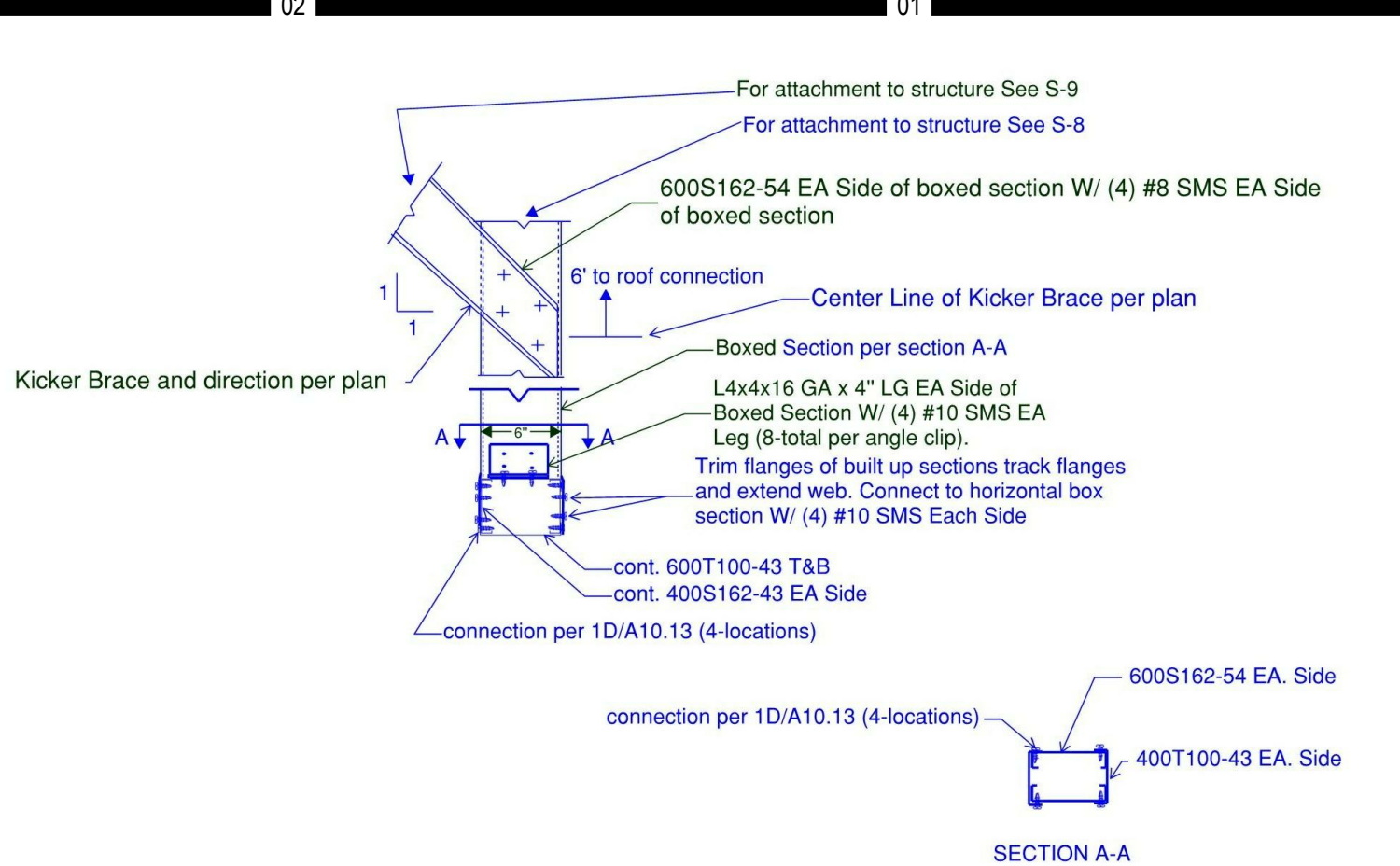
(N) CLG JOIST CONNECTION TO (N) STUD WALL

S-6



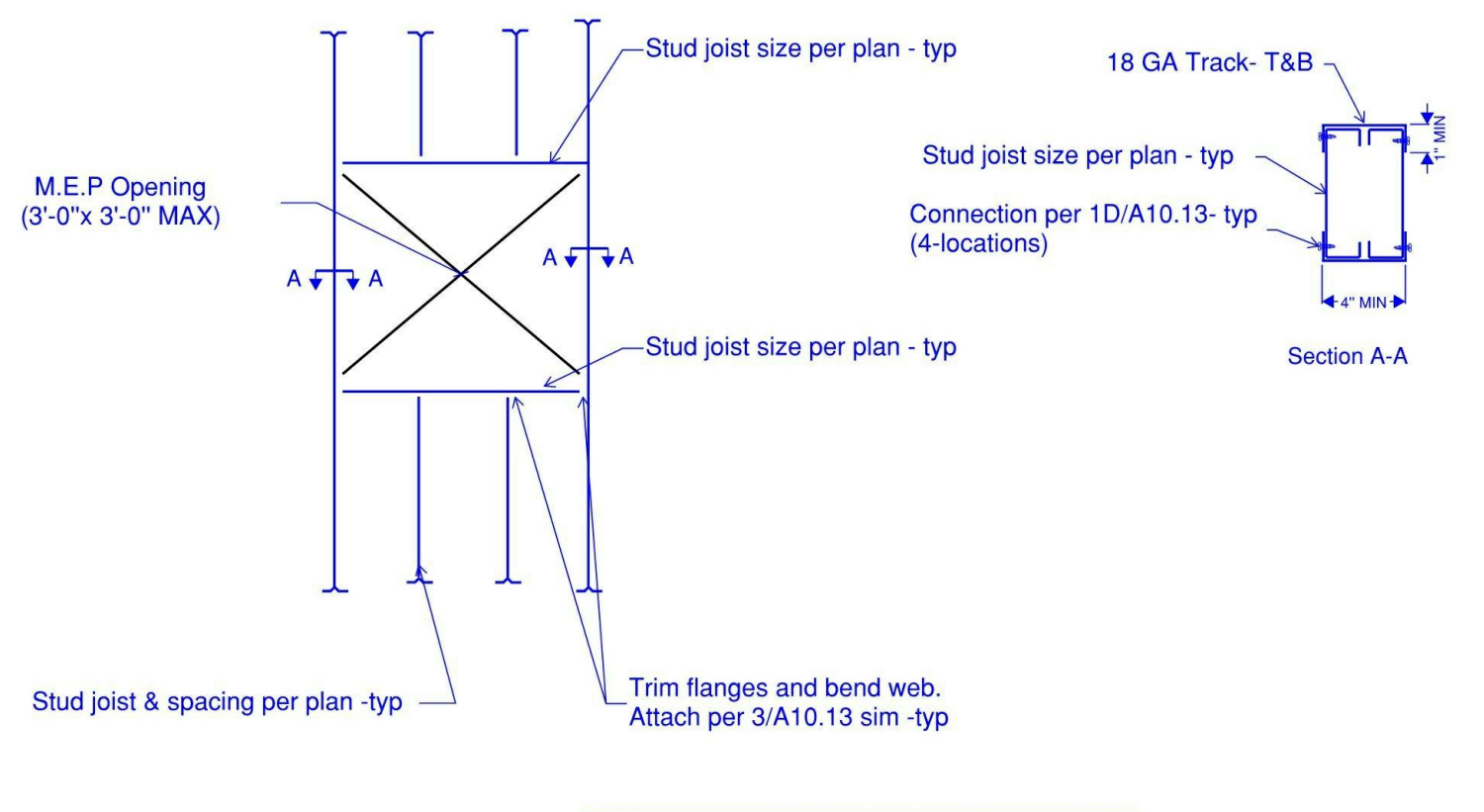
CONT. BLOCKING CONNECTION TO BOXED SECTION DTL

S-5



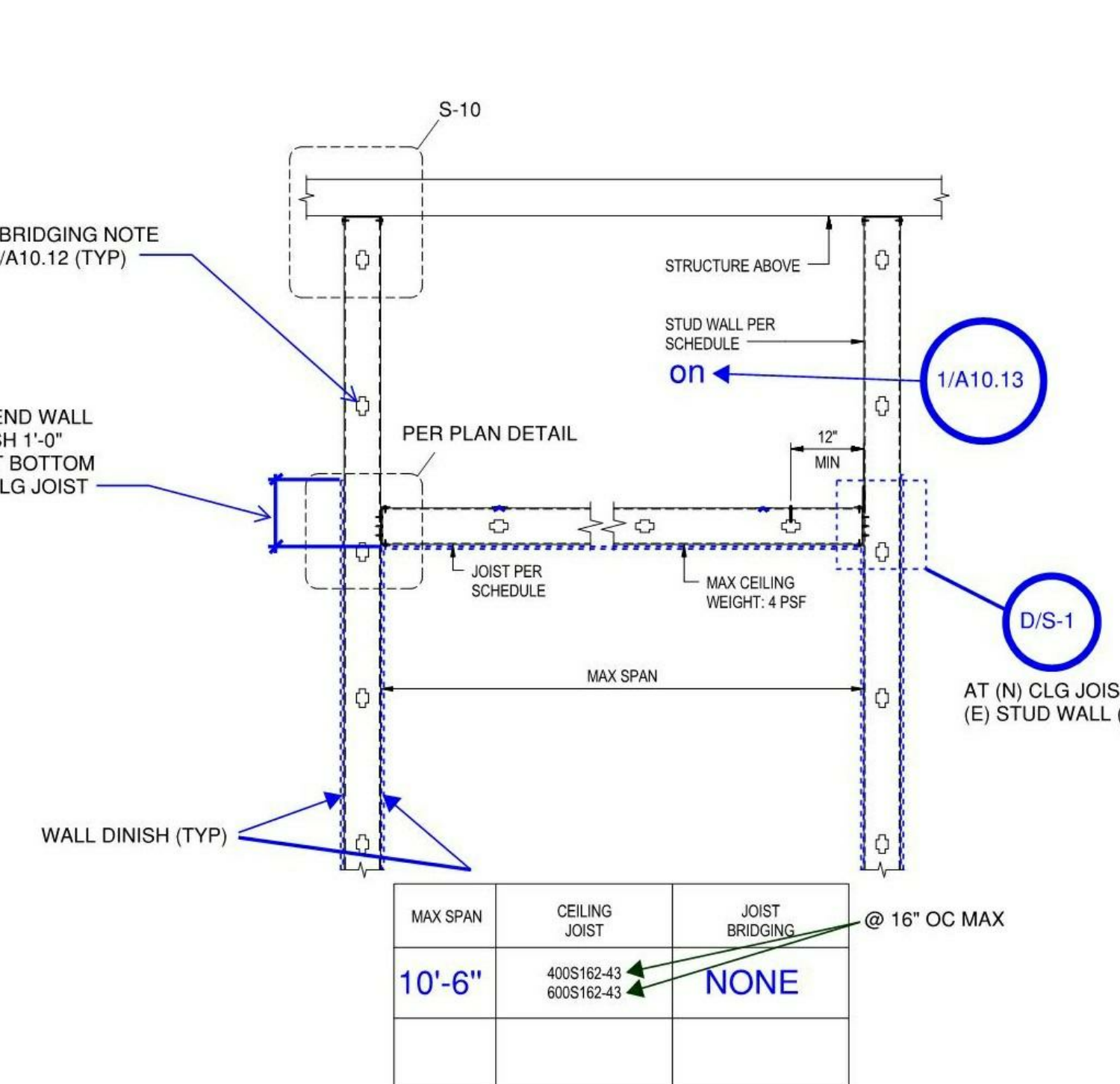
KICKER BRACE DETAIL

S-4



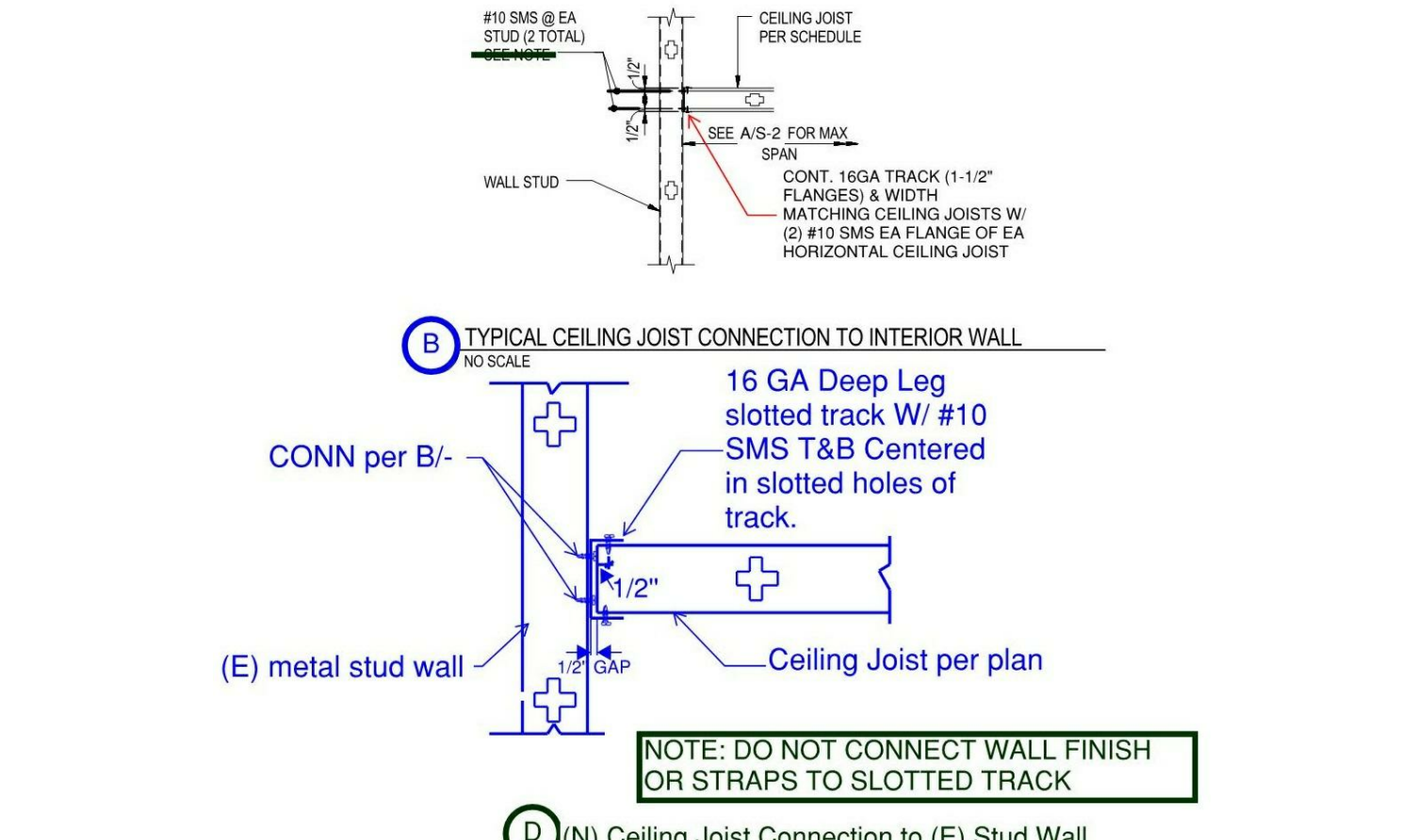
OPENING AT CEILING FRAMING DETAIL

S-3



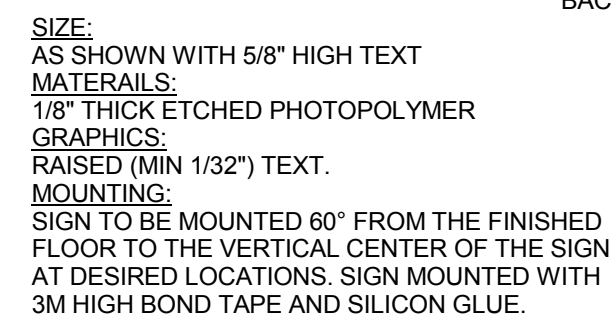
TYPICAL WALL SUPPORTED METAL STUD CEILING DETAIL

S-2



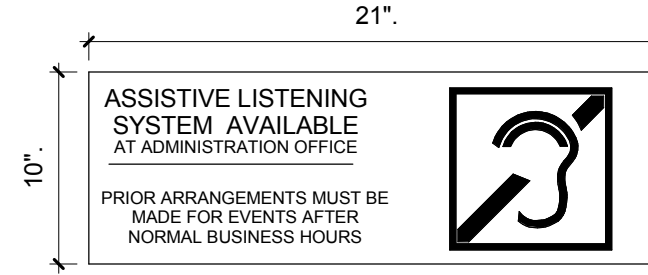
JOIST CONNECTION DETAILS

S-1



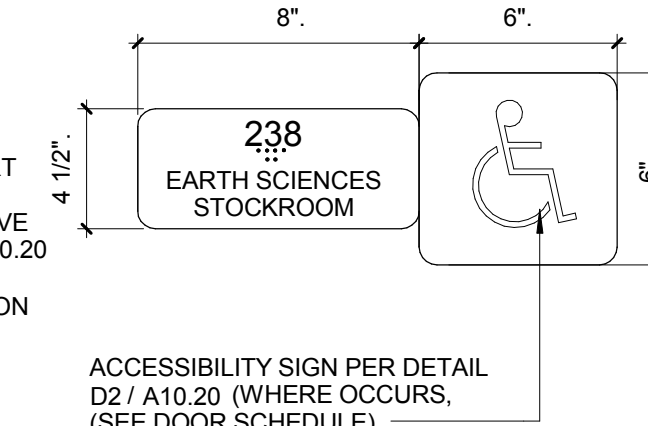
NOTES:

1. FOR SYSTEM LOCATION, SEE ELECTRICAL DRAWINGS AND SPECS.



NOTES:

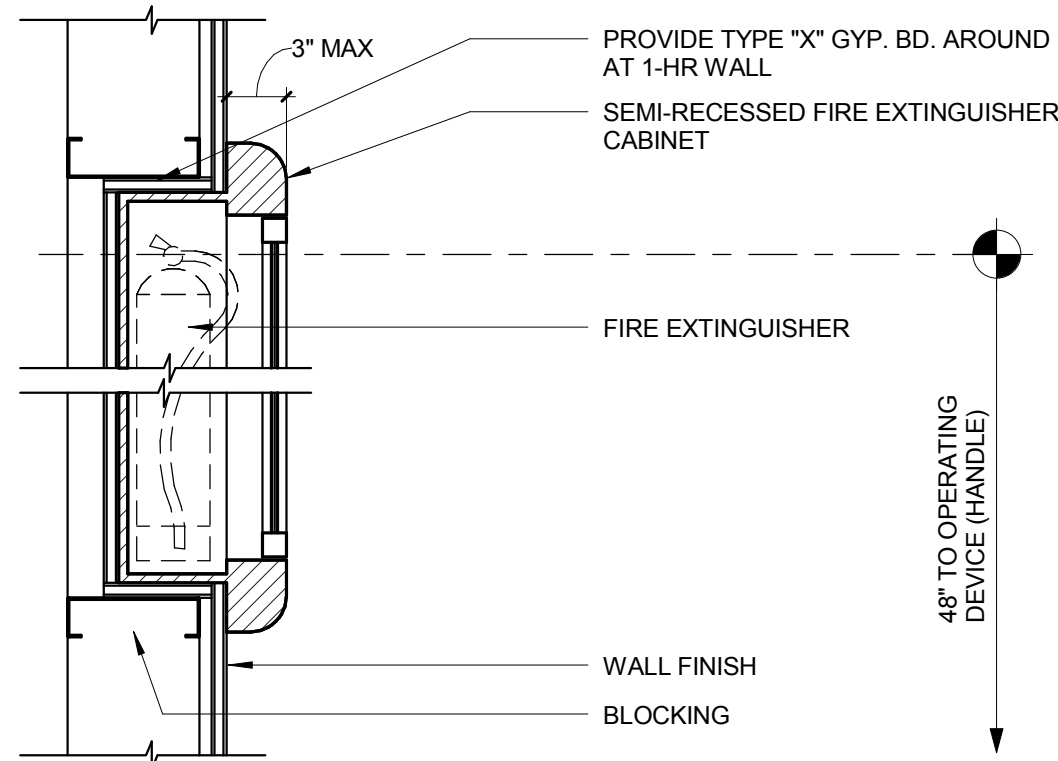
1. PROVIDE ONE SIGN WHERE INDICATED ON SCHEDULE AND FLOOR PLANS. ALL SIGNED DOORS TO RECEIVE BRAILLE ROOM IDENTIFICATION PER B1 / A10.20
2. WHERE SIGNAGE IS INSTALLED ON GLASS PROVIDE BLANK SIGNAGE ON OPPOSITE SIDE BEING EQUIV. SIZE AND COLOR TO MASK ADHESIVE.
3. LOCATE PER DETAIL A1 / A10.20



COLORS	
PLATE BACKGROUND COLOR:	
BRUSHED ALUMINUM ANODIZED	
EXTRUSION COLOR (LEFT AND RIGHT):	
SATIN ALUMINUM ANODIZED	
EXTRUSION COLOR (TOP AND BOTTOM):	
SATIN ALUMINUM ANODIZED	
TEXT COLOR:	
BLACK	10.012

SIGNS:
SIGN SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR. WHERE THERE IS NO WALL SPACE ON THE LATCH SIDE, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL. SIGNS SHALL BE PLACED ON THE ACTIVE LATCH SIDE OF THE DOOR. IF THERE IS NO ACTIVE LATCH, THE SIGN SHALL BE LOCATED ON THE INACTIVE LATCH. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH TWO ACTIVE LATCHES, THE SIGN SHALL BE LOCATED TO THE RIGHT OF THE DOOR. THE SIGN SHALL BE MOUNTED TO THE WALL AT THE TOP OF THE DOOR, 18" FROM THE FLOOR TO THE BASELINE OF THE LOWEST TACTILE BRAILLE CELLS, AND HIGHEST LINE OF RAISED CHARACTERS SHALL BE 60" FROM THE FLOOR. THE SIGN SHALL BE MOUNTED TO THE WALL. FOR PAIRS OF DOORS WHERE DOOR SWING IS LIMITED TO 90 DEGREE MOUNT SIGN 9" FROM EDGE OF DOOR. FOR PAIRS OF DOORS WHERE DOOR SWING EXCEEDS 90 DEGREES MOUNT SIGN DOOR 18" FROM EDGE OF DOOR. SIGNS CONTAINING TACTILE CHARACTERS SHALL BE LOCATED SO THAT A CLEAR FLOOR SPACE OF 18" MIN BY 18" MIN, CENTERED ON THE TACTILE CHARACTERS, IS AVAILABLE FOR THE USER. THE SIGN SHALL BE SWINGING BETWEEN THE CLOSED POSITION AND 45 DEGREE OPEN POSITION. **REFER TO CBC 11B-703.4.2.**

RESTROOM GEOMETRIC SIGNS SHALL BE INSTALLED CENTERED ON THE DOOR. MOUNTING HEIGHT SHALL BE 60" ABOVE THE FINISH FLOOR TO THE CENTERLINE OF THE SIGN. THE COLOR AND CONTRAST OF THE SIGN SHALL BE DISTINCTLY DIFFERENT FROM THE COLOR AND CONTRAST OF THE DOOR.



SIZE:
AS SHOWN WITH 1" HIGH TEXT

MATERIALS:
1/8" THICK ETCHED PHOTOPOLYMER

GRAPHIC:
RAISED/MIN 1/32" TEXT WITH CORRESPONDING
GRADE 2 BRAILLE PER B1 / A10 20

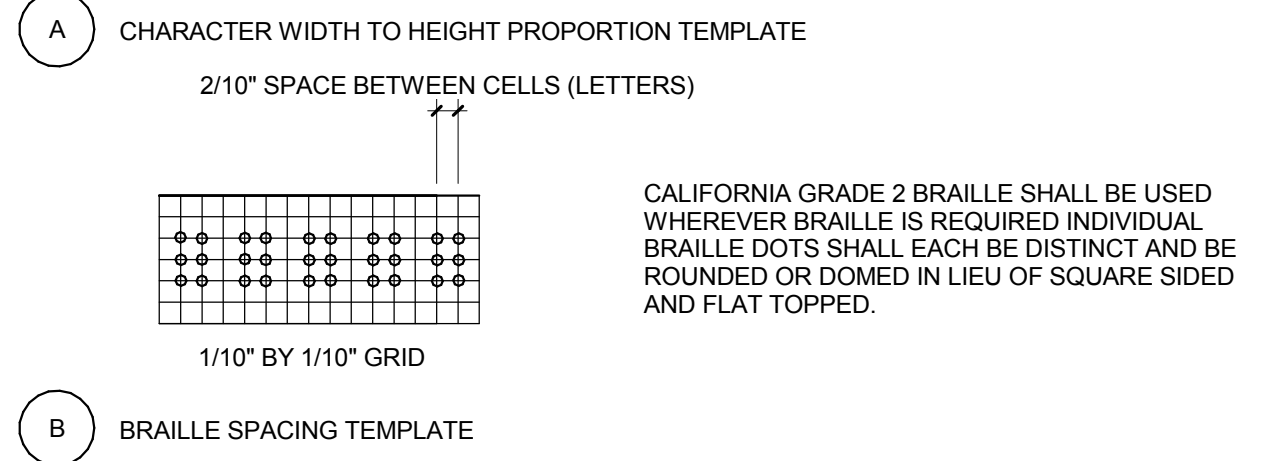
MOUNTING:
SIGN TO BE MOUNTED 60" FROM THE FINISHED
FLOOR TO THE VERTICAL CENTER OF THE
SIGN. SIGN TO BE NO CLOSER THAN 4" AND NO
FARTHER THAN 12" AWAY FROM THE LATCH
SIDE OF THE DOOR. SIGN MOUNTED WITH 3M
BOND TAPE AND SILICON GLUE

COLORS:
PLATE BACKGROUND COLOR:
BRUSHED ALUMINUM ANODIZED
TEXT COLOR:
BLACK

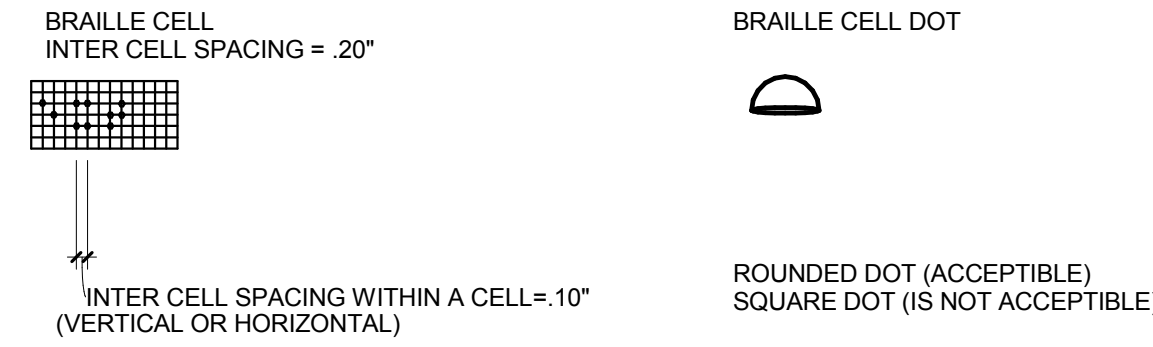
Diagram illustrating the dimensions and specifications for a sign to be mounted on a wall:

- Room Dimensions:**
 - Width: 16'
 - Height: 10'
- Sign Specifications:**
 - Size: AS SHOWN WITH 5/8" HIGH TEXT
 - Material: 1/8" THICK ETCHED PHOTOPOLYMER
 - Graphics: RAISED/MIN 1/32" TEXT
 - Mounting: SIGN TO BE MOUNTED 60" FROM THE FINISHED FLOOR TO THE VERTICAL CENTER OF THE SIGN. AT DESIRED LOCATIONS, SIGN MOUNTED WITH 3M BOND TAPE AND SILICON GLUE
 - Colors: PLATE BACKGROUND COLOR: BRUSHED ALUMINUM ANODIZED
TEXT COLOR: BLACK
- Sign Text:**

THE NUMBER OF PEOPLE PERMITTED IN THIS ROOM SHALL NOT EXCEED XXX BY ORDER OF THE STATE FIRE MARSHALL



1. CHARACTER TYPE: CHARACTERS ON SIGNS SHALL BE RAISED 1/32" (0.794 mm) MINIMUM AND SHALL BE SANS SERIF UPPERCASE CHARACTERS ACCOMPANIED BY GRADE 2 BRAILLE (SEE NOTE 5 BELOW).
2. CHARACTER SIZE: RAISED CHARACTERS SHALL BE A MINIMUM OF 5/8" (15.9 mm) AND A MAXIMUM OF 2 INCHES (51 mm) HIGH, BASED ON THE LETTER "T". REFER TO **CBC 11B-703.5.5**
3. FINISH AND CONTRAST: CHARACTERS, SYMBOLS AND THEIR BACKGROUND SHALL HAVE A NON-GLAZED FINISH. CHARACTERS SHALL CONTRAST WITH THEIR BACKGROUND **11B-703.5.1**
4. PROPORTIONS: CHARACTERS SHALL BE SELECTED FROM FONTS WHERE THE WIDTH OF THE UPPERCASE LETTER "O" IS 60% MIN AND 110% MAX OF THE HEIGHT OF THE UPPERCASE "T". **11B-703.5.4**
5. BRAILLE: CONTRACTED CALIFORNIA GRADE 2 BRAILLE SHALL BE USED WHEREVER BRAILLE IS REQUIRED IN OTHER PORTIONS OF THESE STANDARDS. DOTS SHALL BE 1/10 INCH (2.54 mm) ON CENTER IN EACH CELL WITH 2/10 INCH (5.08 mm) SPACE BETWEEN CELLS, MEASURED M THE SECOND COLUMN OF DOTS IN THE FIRST CELL TO THE FIRST COLUMN OF DOTS IN THE SECOND CELL. DOTS SHALL BE RAISED A MINIMUM OF 1/40 INCH (0.635 mm) ABOVE THE BACKGROUND. (SEE 10.0058 FOR TEMPLATES)



RECOMMEND ROUNDED OR DOMED CALIFORNIA BRAILLE DOTS, EACH DISTINCT AND SEPERATE. DOTS WITH STRAIGHT SIDES AND FLAT TOPS ARE NOT READABLE FOR MANY BRAILLE USERS.

CENTERED ON TACTILE CHAR.

18" CLR

18" CLR

18" CLR

18" CLR

ACCESSIBLE ROOM SIGN

ACCESSIBLE ROOM SIGN

12x18" SIGN

1205

48" MIN.

Highest Line of Raised Char.

60" MAX.

Braille Cells

PLUMBING LEGEND AND ABBREVIATIONS

SYMBOL	ABBREV.	DESCRIPTION
	POC	POINT OF CONNECTION
		WASTE OR SEWER BELOW SLAB
	V	SANITARY VENT
	CW	COLD WATER
	HW	HOT WATER
	HWR	HOT WATER RETURN
	SOV	SHUT OFF VALVE
	BLV	BALANCING VALVE
	DN	DOWN OR DROP
	ABV	ABOVE
	A/C	ABOVE CEILING
	A.F.F.	ABOVE FINISH FLOOR
	A.F.G.	ABOVE FINISH GRADE
	A.P.	ACCESS PANEL
	B/F	BELOW FLOOR
	B/G	BELOW GRADE
	CFH	CUBIC FEET PER HOUR
	DWGS	DRAWINGS
	EA	EACH
	EXST.	EXISTING
	(E)	EXISTING
	FT.	FEET OR FOOT
	FLR	FLOOR
	G.P.H.	GALLONS PER HOUR
	G.P.M.	GALLONS PER MINUTE
	NTS	NOT TO SCALE
	LB	POUNDS
	PSI	POUNDS PER SQUARE INCH
	RD	ROOF DRAIN
	SF	SET ASSEMBLY
	S.F.	SQUARE FEET
	V.T.R.	VENT THROUGH ROOF
	W.C.	WATER COLUMN
	WHA	WATER HAMMER ARRESTOR

MECHANICAL LEGEND

SYMBOL	ABBREV.	DESCRIPTION	SYMBOL	ABBREV.	DESCRIPTION
		REMOVE EXISTING EQUIPMENT OR PIPING SHOWN HATCHED		DIA. Ø	DIAMETER
		REMOVE AND RELOCATE EXISTING EQUIPMENT OR PIPING SHOWN HATCHED		DN	DOWN
	POC	POINT OF CONNECTION		DWGS.	DRAWINGS
	POD	POINT OF DISCONNECT		DB	DRY BULB
		COORDINATE WITH ELECTRICAL DUCTWORK (1ST NUMBER INDICATES WIDTH SHOWN), NET INSIDE DIMENSION		DTR	DUCT THRU ROOF
	TV	SQUARE ELBOW WITH TURNING VANES		(E)	EXISTING
		RADIUS ELBOW WITH 3 SPLITTER VANES		EA	EXHAUST AIR
	MVD	MANUAL VOLUME DAMPER		ER	EXHAUST REGISTER
	MOD	MOTOR OPERATED DAMPER		EFF.	EFFICIENCY
	BDD	BACKDRAFT DAMPER		ELEV.	ELEVATION
	SD	DUCT MOUNTED SMOKE DETECTOR		ENT.	ENTERING
	FLEX	FLEXIBLE CONNECTION (DUCTWORK)		EXH.	EXHAUST
		LINED DUCTWORK (OR PLENUM)		EXST.	EXISTING
		DUCT RISE IN DIRECTION OF FLOW		FIN.	FINISH
		DUCT DROP IN DIRECTION OF FLOW		FLR	FLOOR
		ROUND DUCT UP		GPM	GALLONS PER MINUTE
		ROUND DUCT DOWN		IN.	INCH
		SUPPLY DUCT UP		HD.	HEAD
		SUPPLY DUCT DOWN		HP	HORSEPOWER
		RETURN AIR DUCT/OUTSIDE AIR DUCT UP		LVG.	LEAVING
		RETURN AIR DUCT/OUTSIDE AIR DUCT DOWN		MAX.	MAXIMUM
		EXHAUST AIR DUCT UP		MBH	ONE THOUSAND B.T.U.'s PER HOUR
		EXHAUST AIR DUCT DOWN		MECH.	MECHANICAL
		DUCT TRANSITION		MIN.	MINIMUM
	CD	CEILING DIFFUSER		MTD.	MOUNTED
	RR	RETURN REGISTER		MTG.	MOUNTING
	ER	EXHAUST REGISTER		OBD	OPPOSED BLADE DAMPER
	TSTAT	THERMOSTAT OR TEMPERATURE SENSOR (NUMBER INDICATES EQUIPMENT ZONE SERVED)		OA	OUTSIDE AIR
	CFM	CUBIC FEET PER MINUTE		PD	PRESSURE DROP
		SYMBOL, SEE EQUIPMENT SCHEDULE		PSIG	POUNDS PER SQUARE INCH GAUGE
	AD/AP	ACCESS DOOR / ACCESS PANEL		RA	RETURN AIR
	AFF	ABOVE FINISHED FLOOR		REG.	REGISTER
	BDD	BACK DRAFT DAMPER		RR	RETURN REGISTER
	BOP	BOTTOM OF DUCT		SA	SUPPLY AIR
	CD	CEILING DIFFUSER		SF	SQUARE FEET
	CLG	CEILING		TYP.	TYPICAL
	CFM	CUBIC FEET PER MINUTE		UNO	UNLESS NOTED OTHERWISE
	CONC.	CONCRETE		UOS	UNLESS OTHERWISE SPECIFIED
	CONT.	CONTINUATION		UTR	UP THRU ROOF
	°F	DEGREES FAHRENHEIT		VAV	VARIABLE AIR VOLUME
				VFD	VARIABLE FREQUENCY DRIVE
				VTR	VENT THRU ROOF
				WG	WATER GAUGE
				WB	WET BULB
				WI	WITH

PLUMBING GENERAL NOTES

- NO PLUMBING SHALL BE INSTALLED UNTIL ALL REQUIRED PLUMBING PLAN CHECK PERMITS AND APPROVALS HAVE BEEN OBTAINED FROM ALL REQUIRED AGENCIES.
- LAVATORY FAUCETS, SINK FAUCETS (NOT INCLUDING SERVICE SINK FAUCETS OR FAUCETS DESIGNATED AS INSTITUTIONAL) SHALL MEET THE FLOW REQUIREMENTS OUTLINED IN THE APPLIANCE EFFICIENCY STANDARDS.
- COORDINATE WITH THE ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF PLUMBING FIXTURES AND DRAINS.
- PROVIDE ALL TAILPIECES, TRAPS, STOPS, SUPPLY PIPES TO LAVATORIES DESIGNED AS ACCESSIBLE, WITH PRE FORMED INSULATION JACKET.
- COORDINATE AND VERIFY SIZES, LOCATIONS, DEPTHS AND PRESSURIZED PIPING PRESSURES OF ALL BUILDING UTILITIES WITH CIVIL.
- COORDINATE AND SCHEDULE TIMING FOR UTILITY SERVICE CONNECTION.
- ALL LINES BELOW SLAB ON GRADE TO BE LOCATED AWAY FROM ALL LOAD BEARING FOOTINGS.
- ALL LINES RUNNING BELOW GRADE BEAMS OR PENETRATING, SEE STRUCTURAL DRAWINGS FOR CONSTRUCTION.
- ALL VENTS THRU ROOF SHALL BE MINIMUM OF 18 INCHES VERTICAL AND TEN FEET HORIZONTAL AWAY FROM ALL AIR CONDITIONING FRESH AIR INTAKES AND PROVIDED WITH VANDAL PROOF HOODS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING OF WALLS, ROOFS, FOOTINGS, FLOORS, INCLUDING ALL SAW CUTTING AND CORE DRILLING. COORDINATE ALL SAW CUTTING AND CORE DRILLING WITH STRUCTURAL DRAWINGS. ANY CUTTING AND DRILLING REQUIRED OF STRUCTURAL ELEMENTS THAT IS NOT SPECIFICALLY SHOWN ON THE PLANS SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION PRIOR TO CUTTING AND DRILLING. CONTRACTOR SHALL SUBMIT PROPOSED LOCATION AND SIZES OF SUCH CUTTING AND DRILLING FOR THE ARCHITECTS AND STRUCTURAL ENGINEERS APPROVAL.
- COORDINATE ALL EQUIPMENT LOCATIONS, PIPE PENETRATIONS AND EQUIPMENT PAD LOCATIONS WITH STRUCTURAL DRAWINGS PRIOR TO WORK.
- COORDINATE INSTALLATION OF ALL EQUIPMENT AND PIPING WITH OTHER TRADES PRIOR TO INSTALLATION. ENSURE THAT ALL CONTROL DEVICES, SHUT-OFF VALVES, ETC. ARE ACCESSIBLE FOR MAINTENANCE. WHEN ACCESS PANELS ARE REQUIRED IN FINISHED SPACES, OTHER THAN THAT SHOWN, CONTRACTOR SHALL PROVIDE AND COORDINATE EXACT LOCATION OF PANELS WITH ARCHITECT PRIOR TO INSTALLATION.
- INSTALL VALVES WITH UNIONS OR FLANGES AT EACH PIECE OF EQUIPMENT ARRANGED TO ALLOW SERVICE, MAINTENANCE, AND EQUIPMENT REMOVAL WITHOUT SYSTEM SHUT-DOWN.
- ANY STRUCTURAL FIREPROOFING DAMAGED DURING INSTALLATION OF PLUMBING EQUIPMENT, PIPING, ETC. SHALL BE REPAIRED AT NO COST TO THE OWNER. REPAIRS SHALL BE AS DIRECTED BY THE ARCHITECT.
- LAVATORY FAUCETS IN RESTROOMS SHALL BE THE SELF-CLOSING TYPE.
- FAUCETS TO BE 2.2 G.P.M. (0.14 U.S.) MAXIMUM.
- CROSS CONNECTION PROTECTION SHALL BE PROVIDED AT ALL POTABLE WATER SUPPLIED APPLIANCES AND EQUIPMENT.
- COORDINATE WITH ELECTRICAL AND CONTROL CONTRACTORS FOR ALL POWER REQUIREMENTS PRIOR TO BID.
- UPON INSTALLATION OF ALL EQUIPMENT, DEVICES, VIBRATION ISOLATION, ETC., PROVIDE WRITTEN CONFIRMATION BY EQUIPMENT MANUFACTURERS REPRESENTATIVES TO ENSURE COMPLIANCE WITH MANUFACTURERS REQUIREMENTS.
- PROVIDE DETAILS AND SEISMIC CALCULATIONS FOR ALL EQUIPMENT ON VIBRATION ISOLATION. ALL DETAILS SHALL BE STAMPED BY A STRUCTURAL ENGINEER FROM VIBRATION ISOLATION MANUFACTURER.
- FOR EACH SUBMITTAL, THE CONTRACTOR SHALL PROVIDE A LETTER (ON COMPANY LETTERHEAD) AND SIGNED BY THE PROJECT MANAGER INDICATING THE SUBMITTAL HAS BEEN FULLY IN HOUSE REVIEWED TO ENSURE FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS AND COORDINATION WITH OTHER TRADES. ANY EXCEPTIONS TO THE CONTRACT DOCUMENTS SHALL BE CLEARLY INDICATED ON THIS LETTER. ANY DISCREPANCIES/EXCEPTIONS NOT IDENTIFIED IN WRITING SHALL BE CORRECTED AT THE SOLE EXPENSE OF THE CONTRACTOR AND AT NO EXPENSE TO THE OWNER AND ENGINEER.
- THE CONTRACTOR SHALL SELECT ALL CIRCUIT SETTERS/BALANCING VALVES FOR ACTUAL FLOW THROUGH THE PIPE AND THE PROPER PRESSURE DROP TO ENSURE PROPER OPERATION AND NOT BASED ON PIPE SIZES.

MECHANICAL GENERAL NOTES:

- THESE DRAWINGS ARE A GENERAL GRAPHIC PRESENTATION OF THE WORK. DUCTWORK, PIPING, AND EQUIPMENT, AS SHOWN, ARE SCHEMATIC, FABRICATE AND INSTALL BASED ON ACTUAL FIELD MEASUREMENT. COORDINATE WITH OTHER TRADES. PROVIDE A COMPLETE SET OF SHOP DRAWINGS REFLECTING ACTUAL DIMENSIONS, ACCESS REQUIREMENTS, AND DETAILS BASED UPON THE ACTUAL EQUIPMENT PROCURED. MAINTAIN AN UP TO DATE SET OF AS-BUILT DRAWINGS AT THE JOB SITE.
- COMPLY WITH CALIFORNIA MECHANICAL CODE (CMC), CALIFORNIA PLUMBING CODE (CPC), AND NATIONAL FIRE PROTECTION ASSOCIATION (NFPA), AND GOVERNING CODES. THERE SHALL BE NO EXCEPTION. REPORT DEFICIENCIES WITHIN THIRTY (30) DAYS UPON AUTHORIZATION TO PROCEED.
- REVIEW ALL DRAWINGS AND SPECIFICATIONS INCLUDING ARCHITECTURAL, STRUCTURAL, CIVIL, MECHANICAL, PLUMBING, AND ELECTRICAL. ANY QUESTIONS SHALL BE BROUGHT UP, IN WRITING, TO THE ATTENTION OF THE ENGINEER BEFORE THE START OF CONSTRUCTION.
- PROVIDE ACCESS AND CLEARANCE FOR MAINTENANCE FOR MECHANICAL EQUIPMENT AND COMPONENTS AS RECOMMENDED BY EQUIPMENT MANUFACTURER AND APPLICABLE CODES.
- HANDLE, STORE AND INSTALL EQUIPMENT PER MANUFACTURER'S INSTRUCTIONS.
- INSTALL VALVES WITH UNIONS OR FLANGES AT EACH PIECE OF EQUIPMENT ARRANGED TO ALLOW SERVICE MAINTENANCE, AND EQUIPMENT REMOVAL WITHOUT SYSTEM SHUT-DOWN.
- BRACE AND SUPPORT PIPES, CONDUIT, AND DUCTWORK IN ACCORDANCE WITH SMACNA GUIDELINES FOR SEISMIC RESTRAINTS OF MECHANICAL AND PLUMBING PIPING SYSTEM.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF DIFFUSERS, REGISTERS, GRILLES, AND ACCESS PANELS.
- ALL DUCT DIMENSIONS, AS SHOWN ON MECHANICAL DRAWINGS ARE CLEAR INSIDE DIMENSIONS.
- INSULATION AND FLEXIBLE DUCT SHALL COMPLY WITH STATE FIRE MARSHALL CRITERIA AND SHALL NOT EXCEED FLAME SPREAD OF 25 AND SMOKE DEVELOPED OF 50 PER ASTM-84, NFPA-223, AND UL 723.
- INSULATE PIPING AND DUCTWORK IN ACCORDANCE WITH THE GOVERNING CODES.
- START-UP THE MECHANICAL SYSTEMS TO ASSURE A COMPLETE AND OPERATIONAL HVAC SYSTEM IN ACCORDANCE WITH ASHRAE AND NEBB.
- ALL SQUARE ELBOWS IN DUCTWORK SHALL HAVE DOUBLE THICKNESS TURNING VANES. ALL RADIUS ELBOWS IN DUCTWORK SHALL BE MINIMUM 1.5W (1.5WIDTH) AND HAVE 3 SPLITTER VANES. PROVIDE MANUAL VOLUME DAMPER AT EACH BRANCH DUCT TAKE-OFF SERVING EACH AIR TERMINAL DEVICE. PROVIDE BALANCING DAMPERS FOR EACH MAIN DUCT TAKE-OFF IN ACCORDANCE WITH SMACNA IN ORDER TO ASSURE A COMPLETELY BALANCED SYSTEM.
- COORDINATE WITH ELECTRICAL AND CONTROL CONTRACTORS FOR ALL POWER REQUIREMENTS PRIOR TO BID.

PLAN CHECK NOTES:

- CALIFORNIA MECHANICAL CODE 2013 (CMC 2013), CALIFORNIA PLUMBING CODE 2013 (CPC 2013) AND 2013 TITLE 24 ENERGY STANDARDS ARE THE CURRENT CODES/STANDARDS THAT ARE APPLICABLE TO THIS PROJECT.

PROJECT NOTES

- CONTRACTOR SHALL COORDINATE ARCHITECTURAL REFLECTED CEILINGS PLANS WITH ALL DISCIPLINES TO VERIFY CLEARANCES BETWEEN HVAC DUCTS, HVAC PIPING, LIGHT FIXTURES, ELECTRICAL DATA CONDUITS, PLUMBING LINES, FIRE PROTECTION LINES, STRUCTURAL MEMBERS, ETC. SPECIAL ATTENTION IS REQUIRED ALONG THE LENGTH OF MAIN MECHANICAL SUPPLY AND RETURN AIR DUCTS WHERE THERE IS LIMITED CLEARANCE FOR PASSAGE OR ROUTING OF UTILITIES.
- THE SPACE FOR DUCT WORK & MECHANICAL EQUIPMENT FOR THIS PROJECT IS LIMITED. COORDINATION WITH OTHER TRADES IS CRITICAL. PROCEED WITH PREPARATION OF SHOP DRAWINGS IMMEDIATELY UPON RECEIVING AN AUTHORIZATION TO PROCEED FOR THE PROJECT. COMPLETE SHOP DRAWINGS PRIOR TO MATERIAL FABRICATION AND INSTALLATION. SHOP DRAWINGS SHALL BE REVIEWED BY COMMISSIONING AGENT PRIOR TO SUBMITTAL.
- DO NOT COMMENCE WITH ANY INSTALLATION, DEMOLITION OR ORDERING OF ANY EQUIPMENT OR MATERIAL FABRICATION WITHOUT AN APPROVED SHOP DRAWING SUBMITTAL.
- FOR EACH SUBMITTAL, THE CONTRACTOR SHALL PROVIDE A LETTER (ON COMPANY LETTERHEAD) AND SIGNED BY THE PROJECT MANAGER INDICATING THE SUBMITTAL HAS BEEN FULLY IN HOUSE REVIEWED TO ENSURE FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS AND COORDINATION WITH OTHER TRADES. ANY EXCEPTIONS TO THE CONTRACT DOCUMENTS SHALL BE CLEARLY INDICATED ON THIS LETTER. ANY DISCREPANCIES/EXCEPTIONS NOT IDENTIFIED IN WRITING SHALL BE CORRECTED AT THE SOLE EXPENSE OF THE CONTRACTOR AND AT NO EXPENSE TO THE OWNER AND ENGINEER.

TITLE 24 NOTES:

- NEW HVAC SYSTEMS SHALL MEET THE LATEST CONTROL REQUIREMENTS OF SECTIONS 110.2.1 & 120.2 ENERGY EFFICIENCY STANDARDS.
- INSULATION AND FLEXIBLE DUCT SHALL COMPLY WITH STATE FIRE MARSHALL CRITERIA AND SHALL NOT EXCEED FLAME SPREAD OF 25 AND SMOKE DEVELOPED OF 50 PER ASTM-84, NFPA-223, AND U.L. 723.
- ALL WORK SHALL BE IN ACCORDANCE WITH CITY CODES, CALIFORNIA ENERGY CONSERVATION STANDARDS, TITLE - 24, AND ALL OTHER APPLICABLE CODES.
- ALL NEW DUCTWORK SHALL BE INSULATED CONSISTENT WITH THE REQUIREMENTS OF SECTIONS 110.8, 120.3, 120.4 TITLE 24 ENERGY STANDARDS AND CHAPTER 6 OF CALIFORNIA MECHANICAL CODE.

CA GREEN BUILDING NOTES:

- IN MECHANICALLY VENTILATED BUILDINGS, PROVIDE OCCUPIED AREAS OF BUILDING WITH AIR FILTRATION MEDIA FOR OUTSIDE AND RETURN AIR PRIOR TO OCCUPANCY THAT PROVIDES AT LEAST MERV OF 8 (REF. SECTION 5.504.5.3).
- PROVIDE TESTING AND ADJUSTING OF HVAC SYSTEMS AND CONTROLS PER 5.713.10.4.
- IF THE HVAC SYSTEM IS USED DURING CONSTRUCTION, RETURN AIR FILTERS WITH A MERV 8 RATING SHALL BE USED PER 5.714.4.1.
- DUCT OPENINGS AND OTHER RELATED AIR DISTRIBUTION OPENINGS SHALL BE COVERED DURING CONSTRUCTION PER 5.714.4.1.

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KEYNOTES

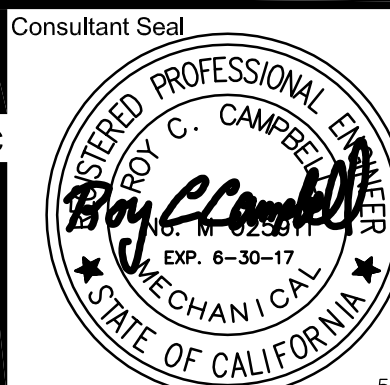
- | NO. | Note - Detail |
|-----|---|
| 1 | ALL MECHANICAL DUCTWORK, DIFFUSERS, AND ASSOCIATED APPURTENANCES SHALL BE DEMOLISHED. |
| 2 | POINT OF DISCONNECT TO EXISTING DUCTWORK TO REMAIN. |
| 3 | POINT OF CONNECT TO EXISTING SUPPLY/RETURN DUCTWORK. |
| 4 | POINT OF CONNECT TO EXISTING DOMESTIC COLD WATER LINE. |
| 5 | POINT OF CONNECT TO EXISTING SEWER LINE, CONTRACTOR TO VALIDATE INVERT ELEVATION PRIOR TO CONNECTING. |
| 6 | POINT OF CONNECT TO EXISTING DOMESTIC HOT WATER LINE. |
| 7 | PROVIDE WITH ISOLATION VALVES. |
| 8 | (E) SAIRA DUCT TO (E) MECHANICAL AC UNIT. |
| 9 | POINT OF DISCONNECT FROM (E) SAIRA DUCT. |
| 10 | ALL EXISTING DUCTWORK, GRILLES, DIFFUSERS AND CORRESPONDING APPURTENANCES SHALL BE DEMOLISHED. |
| 11 | POINT OF CONNECTION TO (E) VENT THRU ROOF AT (E) RESTROOM. |
| 12 | PROVIDE WITH BALANCING VALVE. |
| 13 | POINT OF CONNECTION TO (E) HOT WATER RETURN LINE. |
| 14 | CONTRACTOR SHALL RE-LOCATE EXISTING DELTA THERMOSTAT TO THIS LOCATION. |

NOTES

- ALL DUCTWORK, GRILLES AND DIFFUSERS AND CORRESPONDING APPURTENANCES SHALL BE NEW AND SHALL MATCH THE EXISTING IN THE BUILDING.
- SLOPE WASTE 2% UNO.
- MATERIALS:
DOMESTIC WATER - TYPE L COPPER TYP.
WASTE/VENT - NO HUB CAST IRON.
DUCT - GALVANIZED STEEL



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Project Title

PALOMAR COMMUNITY COLLEGE
ESCONDIDO HEALTH CENTER IT

PALOMAR COLLEGE
1951 EAST VALLEY PARKWAY
ESCONDIDO, CA 92025

No.	Description	Date

GENERAL NOTES, LEGEND AND MECHANICAL FLOOR PLANS



Designed:	JN	Project No.	5015015
Drawn:	MH	Scale:	As indicated
QA/QC	HS	Drawing No.	M-2.1
Date:	06/28/16		

MECHANICAL AND PLUMBING DEMOLITION FLOOR PLAN

A5

1/4" = 1'-0"

MECHANICAL AND PLUMBING NEW FLOOR PLAN

A1

1/4" = 1'-0"

PLEASE RECYCLE

ELECTRICAL SYMBOL LEGEND

POWER	
	DUPLEX RECEPTACLE, WALL MOUNTED, 1/8" AFF. (UON)
	DUPLEX RECEPTACLE IN WEATHERPROOF ENCLOSURE 1/8" AFF. (UON)
	DUPLEX RECEPTACLE, WALL MOUNTED 1/8" AFF. W/ USB CHARGING PORT. HUBBLE USB20X2 OR EQUAL.
	CODE SIZED JUNCTION BOX, CEILING OR WALL MOUNTED
	FUSED DISCONNECT SWITCH, WHERE SHOWN NF = NON-FUSED.
	CONDUIT AND WIRE, CONCEALED IN CEILING OR WALL
	CONDUIT AND WIRE, CONCEALED IN OR UNDER FLOOR
	FLEXIBLE CONDUIT CONNECTION
	BRANCH CIRCUIT HOMERUN TO PANEL. SLASHES INDICATE NUMBER OF CONDUCTORS. EQUIPMENT GROUND WIRE NOT INDICATED UON. #12 CONDUCTORS ARE MINIMUM, NO HASH MARKS + MIN (2) #12
	CONDUIT DROP OR TRANSITION.
	PANELBOARD SURFACE MOUNTED
	PANELBOARD RECESSED
	DISTRIBUTION SWITCHBOARD
	STEPDOWN TRANSFORMER
	EXISTING PULL BOX.
	FUSED DISCONNECT SWITCH, WHERE SHOWN NF = NON-FUSED.
	SURFACE RACEWAY, VERTICAL TRANSITION.
	SURFACE MOUNTED RACEWAY
	SINGLE SECTION SERIES, NON METALLIC (WHITE)
	SURFACE MOUNTED RACEWAY
	TWO SECTION SERIES, NON METALLIC (WHITE)
	SURFACE MOUNTED RACEWAY
	THREE SECTION SERIES, NON METALLIC (WHITE)

LIGHTING

	2' X 4' LIGHT FIXTURE
	2' X 2' LIGHT FIXTURE
	SINGLE POLE SWITCH
	THREE-WAY SWITCH 1/8" AFF. (UON) HEIGHT PER DETAILS #1E10
	LIGHTING FIXTURE DESIGNATION
	LIGHTING FIXTURE, CEILING OR WALL MOUNTED AS SHOWN.
	CEILING MOUNTED (CORNER OF THE ROOM) OCCUPANCY SENSOR LIGHTING CONTROL
	CEILING MOUNTED OCCUPANCY SENSOR LIGHTING CONTROL

GENERAL SEISMIC REQUIREMENTS

- ALL ELECTRICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION USING:
2001 CBC CHAPTER 16, SECTION 1632A 4 TABLE 16A-O OF THE VOL. 2 TITLE 24, 2001 CBC.
 - IN LIEU OF CALCULATIONS PER NOTE 1 (ABOVE) - THE ANCHORAGE SHALL BE CAPABLE OF WITHSTANDING A LATERAL FORCE EQUAL TO 22 IPS ACTING SIMULTANEOUSLY WITH A VERTICAL FORCE EQUAL TO 0.72 IPS (BOTH FORCES AT SERVICE LEVEL, THESE VALUES CORRESPOND TO AN IP-118 AND CA-066. FOR OTHER VALUES OF IP AND CA, THE LATERAL AND VERTICAL FORCE CAN BE ADJUSTED ACCORDINGLY).
 - INCLUSION OF VERTICAL FORCE PER TABLE 16-0 FOOTNOTE 20 (FOR EMERGENCY POWER SUPPLIES 4 COMMUNICATIONS EQUIPMENT ONLY).
 - THE CAPACITY OF THE ANCHORAGE CONNECTORS IN SHEAR AND/OR TENSION SHALL BE CLEARLY INDICATED IN THE CALCULATIONS, WHICH INDICATE, (CSD) REPORT NO. (IF APPLICABLE) THEIR TOTAL NUMBER, SIZE, GRADE, EMBEDMENT, EDGE DISTANCES, AND OTHER FACTORS WHICH AFFECT THE CAPACITY IN SHEAR AND TENSION.
- CUTTING, BORING, SAWCUTTING OR DRILLING THROUGH THE NEW OR EXISTING STRUCTURAL ELEMENTS TO BE DONE ONLY WHEN SO DETAILED IN THE DRAWINGS OR ACCEPTED BY THE ARCHITECT WITH THE APPROVAL OF DSA REPRESENTATIVE.
- ALL WELDING SHALL BE SPECIALLY INSPECTED BY AN AWS-CWI QUALIFIED INSPECTOR APPROVED BY DSA/GRS.
- ALL BRACING OF CONDUITS SHALL BE INSTALLED IN ACCORDANCE WITH SNAQNA SEISMIC RESTRAINT MANUAL, "GUIDELINES FOR MECHANICAL SYSTEMS", 1991 OR LATEST EDITION. OSHPD R 10010.
- WHERE BRACING DETAILS ARE NOT SHOWN ON THE DRAWINGS OR IN THE GUIDELINES, THE INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE ARCHITECT, ELECTRICAL ENGINEER AND DSA FIELD ENGINEER.
- A COPY OF THE GUIDELINES PUBLISHED BY SNAQNA AND APPROVED BY DSA SHALL BE PROVIDED BY THE CONTRACTOR AND KEPT ON THE JOB AT ALL TIMES.
- ANCHORAGE DETAILS FOR EQUIPMENT WHICH ARE NOT APPROVED DURING PLAN REVIEW ARE SUBJECT TO APPROVAL OF THE STRUCTURAL ENGINEER PRIOR TO INSTALLATION AND INSPECTION BY THE PROJECT INSPECTOR.

GENERAL PROJECT NOTES:

- UNLESS WHERE OTHERWISE NOTED, ALL WORK INDICATED ON THESE DRAWINGS SHALL BE CONSIDERED NEW WORK.
- UNLESS WHERE OTHERWISE NOTED, ALL DIMENSIONS ARE TO BE CENTERLINE OF THE DEVICE.
- "GENERAL NOTES" SHOWN ON AN INDIVIDUAL DRAWING APPLY TO ALL WORK SHOWN ON THAT SHEET. "KEY NOTES" ONLY APPLY TO SPECIFIC ITEMS WHERE ANNOTATED AT SPECIFIC LOCATIONS. SOME KEY NOTES MAY NOT APPLY TO ANY SPECIFIC ITEMS.
- EXISTING HIGH VOLTAGE AND LOW VOLTAGE ELECTRICAL LINES, WATER LINES, DRAIN LINES AND GAS LINES EXIST UNDER AREAS NOTED FOR NEW UNDERGROUND CONDUITS. THE CONTRACTOR SHALL PROVIDE AN INDEPENDENT PROFESSIONAL UTILITY LOCATING SERVICE. THIS SERVICE SHALL SURVEY ALL AREAS TO BE EXCAVATED TO DETERMINE THE EXACT LOCATION AND ELEVATION OF ALL EXISTING UTILITIES. WHERE EXISTING UTILITIES ARE FOUND THE CONTRACTOR SHALL HAND DIG THOSE AREAS TO AVOID DISRUPTION.
- WHERE NEW UNDERGROUND CONDUITS ARE INSTALLED, THE CONTRACTOR SHALL FOTHOLE AND/OR HAND DIG SECTIONS WHERE THERE ARE SUSPECTED CONFLICTS WITH EXISTING UTILITIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMMEDIATE REPAIRS TO EXISTING UNDERGROUND UTILITIES DAMAGED DURING CONSTRUCTION.
- THE CONTRACTOR SHALL PATCH AND REPAIR EXISTING ASPHALT, CONCRETE AND LANDSCAPED AREAS REMOVED OR DAMAGED DURING CONSTRUCTION TO MATCH THE EXISTING CONDITIONS.
- REFERENCE SHEETS E31, E32 4 E33 FOR ALL TYPICAL INSTALLATION DETAILS.

TECHNOLOGY SYMBOL LEGEND

SYMBOL	DESCRIPTION	BACKBOX/RING	FACEPLATE	CONDUIT/RACEWAY
	Single Port Data Outlet, 1/8" AFF. (UON)	4-1/16" sq. 2" deep with single gang ring.	Single gang faceplate with two port openings one provided with one blank.	Provide 1" conduit stubbed into nearest accessible ceiling space. (UON)
	Dual Port Data Outlet, 1/8" AFF. (UON)	4-1/16" sq. 2" deep with single gang ring.	Single gang faceplate with two port openings.	Provide 1" conduit stubbed into nearest accessible ceiling space. (UON)
	Triple Port Data Outlet, 1/8" AFF. (UON)	4-1/16" sq. 2" deep with single gang ring.	Single gang faceplate with four port openings.	Provide 1" conduit stubbed into nearest accessible ceiling space. (UON)
	Quadruple Port Data Outlet, 1/8" AFF. (UON)	4-1/16" sq. 2" deep with single gang ring.	Single gang faceplate with four port openings.	Provide 1" conduit stubbed into nearest accessible ceiling space. (UON)
	Local origination with dual port data and single port voice outlet, 1/8" AFF. (UON)	(2) 4 1/16"sq. 2" deep with single gang ring each side by side, (1) for data and (1) for local origination. (Not a two gang box).	(1) Faceplate by 16110 contractor. (1) Faceplate by 16160 contractor.	Provide 1 1/4" conduit from local origination box and 3/4" conduit from data box. Stub into nearest accessible ceiling. (UON)
	Television outlet, 1/8" AFF. (UON)	4-1/16" sq. 2" deep with double gang ring	Double gang faceplate with 2.5 " ID. hole.	Provide 1 1/4" conduit stubbed into nearest accessible ceiling (UON)
	J-box for future data 1/8" AFF. (UON)	4-1/16" sq. 2" deep with single gang ring.	Single faceplate with two gang port openings with blank inserts. Provided by 16110 contractor.	Provide 1" conduit stubbed into nearest accessible ceiling space (UON)
	Conduit stubbed above ceiling sleeved through walls			Provide (1) 2" conduit for open wire communications system wiring (UON)
	Conduit stubbed above ceiling			3/4" conduit stubbed from device to specific ceiling area.

COMMUNICATION / SECURITY SYMBOL LEGEND


SYMBOL	DESCRIPTION	BACKBOX/RING	FACEPLATE	CONDUIT/RACEWAY
	Telephone outlet wall mounted 1/8" AFF. (UON)	4" sq. 1-1/2" deep with single gang ring	Single gang, as required by (16140) contractor	Provide 3/4" conduit stubbed into nearest accessible ceiling space. (UON)
	Recessed ceiling intercom speaker	Custom backbox provided by 16140 contractor, installed by electrical contractor	Provided by (16140) contractor	Provide 3/4" conduit stubbed into nearest accessible ceiling space. (UON)
	Surface wall interior intercom speaker 1/8"-0" (UON)	4" sq. 1-1/2" deep with single gang ring	Provided by (16140) contractor	Provide 3/4" conduit stubbed into nearest accessible ceiling space. (UON)
	Recessed wall exterior intercom speaker 1/8"-0" (UON)	4" sq. 1-1/2" deep with single gang ring	Provided by (16140) contractor	Provide 3/4" conduit stubbed into nearest accessible ceiling space. (UON)
	Clock wall mounted 1/8" AFF.	Not required	Not required	Not required
	Security sensor ceiling mounted	Ceiling backbox with single gang ring.	Provided by (16130) contractor	Provide 3/4" conduit stubbed into nearest accessible ceiling space. (UON)
	Security sensor wall mounted 6" below ceiling or 1/8"-0" whichever is lower	4" sq. 1-1/2" deep with single gang ring.	Provided by (16130) contractor	Provide 3/4" conduit stubbed into nearest accessible ceiling space. (UON)
	Security door contact	4" sq. 1-1/2" deep with single gang ring	Provided by (16130) contractor	Provide 3/4" conduit stubbed into nearest accessible ceiling space. (UON)
	Single port data outlet at wireless access point mounted in accessible ceiling (UON)	4 1/16" square 2 1/8" deep box with single gang ring.	As required to accommodate the number of ports designated.	Not required in accessible ceiling.

ABBREVIATIONS

A	AMPERE (AMPS)
AC	ALTERNATING CURRENT
AF	AMPS-FRAME (RATING)
AIC	AMF INTERRUPTING CURRENT
AM	AMMETER
AS	AMP SWITCH (FUSED SWITCH RATING)
AT	AMPS-TRIP (RATING)
AUG	AMERICAN WIRE GAUGE
BC	BARE COPPER
BLDG	BUILDING
C	CIRCUIT BREAKER
CB	CONDUIT ONLY
CO	CURRENT TRANSFORMER
CT	COPPER
CU	CONTRACTOR FURNISHED OWNER INSTALLED
CFOI	CONTRACTOR FURNISHED CONTRACTOR INSTALLED
DPDT	DOUBLE POLE DOUBLE THROW
DPST	DOUBLE POLE SINGLE THROW
DUG	DRAWING
EX	EXISTING
FLA	FULL LOAD AMPS
FVR	FULL VOLTAGE REVERSING
FVNR	FULL VOLTAGE NON-REVERSING
GR	GROUND FAULT INTERRUPTER
GRD/GND	GROUND
HID	HIGH INTENSITY DISCHARGE
HOA	HAND-OFF-AUTOMATIC
HP	HORSEPOWER
HPB	HIGH PRESSURE SODIUM
HZ	HERTZ
KU	KILOWATT
LCL	LONG CONTINUOUS LOAD
LRA	LOCKED ROTOR AMPS
LTS	LIGHTING
MCC	MOTOR CONTROL CENTER
MCM	THOUSAND CIRCULAR MILS
MECH	MECHANICAL
NC	NORMALLY CLOSED
NF	NON-FUSED
NO	NORMALLY OPEN/NUMBER
OF	OWNER FURNISHED
OFI	OWNER FURNISHED CONTRACTOR INSTALLED
OFI	OWNER FURNISHED OWNER INSTALLED
P	PHASE
POC	POINT OF CONNECTION
FRS	PVC COATED RIGID STEEL (CONDUIT)
PT	POTENTIAL TRANSFORMER
FVC	POLYVINYL CHLORIDE DUCT
SWBD	SWITCHBOARD
TYP	TYPICAL
UG	UNDERGROUND
UN	UNLESS OTHERWISE NOTED
V	VOLT
VA	VOLT-AMPERES
VM	VOLTMETER
VL	VERIFY LOCATION
W	WIRE/WATTS
WP	WEATHERPROOF (NEMA TYPE 3R)
WT	WATERTIGHT
XP	EXPLOSION PROOF (RATED FOR AREA HAZARD)

KEYNOTES

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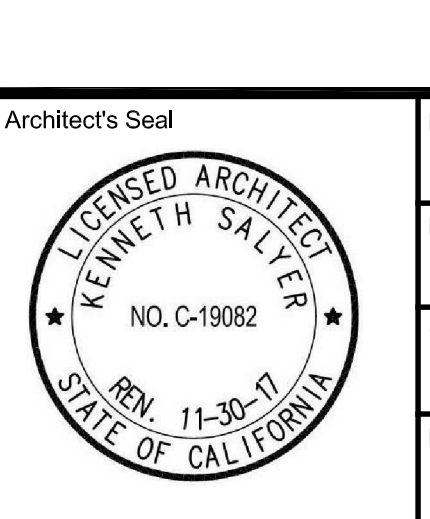
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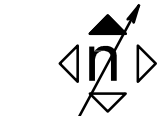
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Project Title
ESCONDIDO HEALTH CENTER IT
PALOMAR COMMUNITY COLLEGE
1951 EAST VALLEY PARKWAY
ESCONDIDO, CA 92025

No.	Description	Date

Drawing Title:
ELECTRICAL LEGEND AND NOTES


Architect's Seal 	Designed Designer Drawn: Author	Project No. 5015015 Scale: As indicated
QA/QC Checker Date: 06/28/16	Drawing No. E1.0	



KEYNOTES

- KEY NOTES:
- 1 PROVIDE 2" SLEEVES WHERE SHOWN.

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*6-25-20 10/25/2016

Consultant Seal	Agency Approval	FILE NO.
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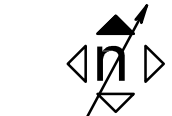
Project Title
ESCONDIDO HEALTH CENTER IT
PALOMAR COMMUNITY COLLEGE
1951 EAST VALLEY PARKWAY
ESCONDIDO, CA 92025

No.	Description	Date

Drawing Title:
OVERALL SITE PLAN

	Designed: Designer	Project No. 5015015
	Drawn: Author	Scale: As indicated
	QA/QC: Checker	Drawing No. E1.1
	Date: 06/28/16	

1 OVERALL SITE PLAN
1" = 30'-0"



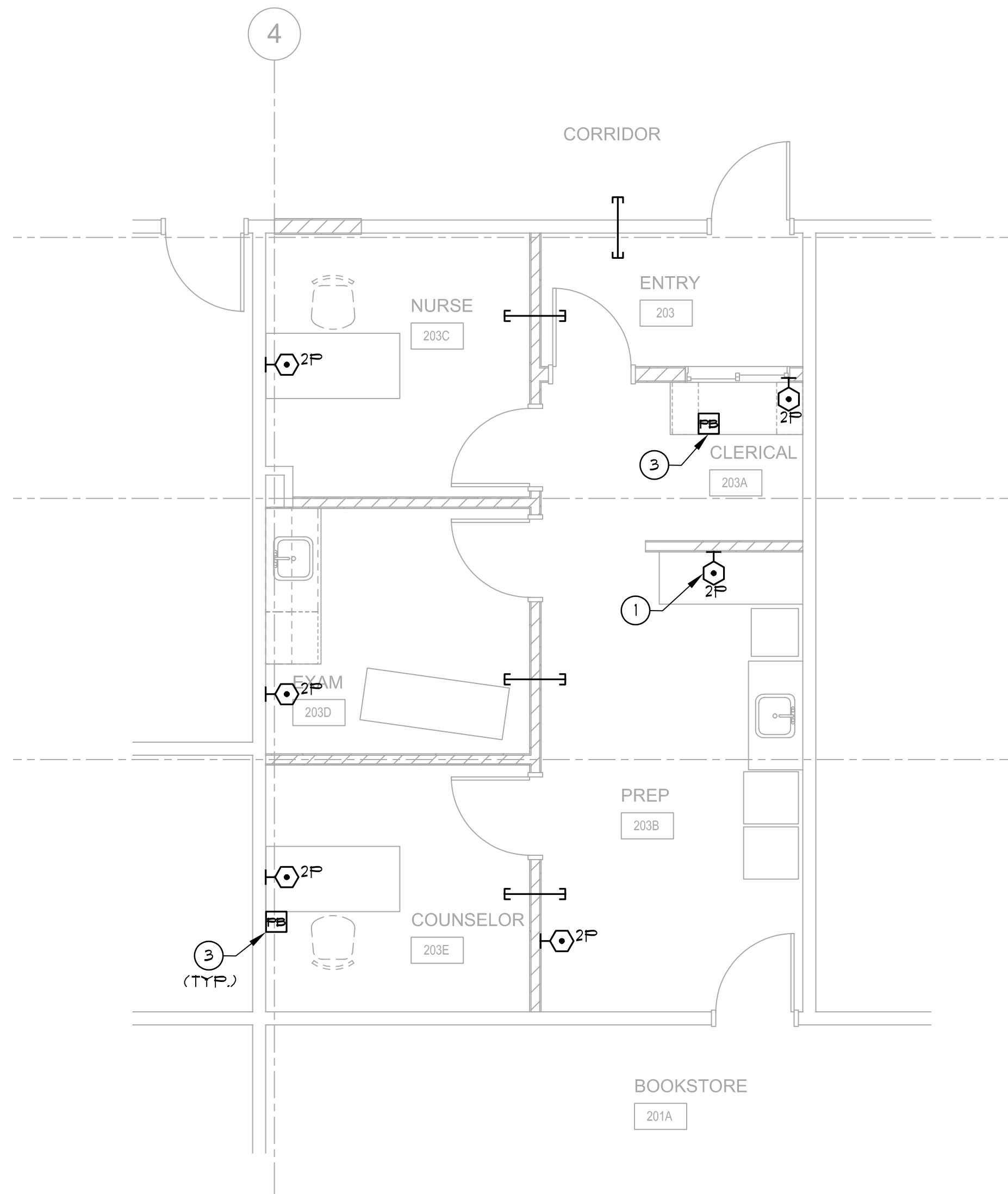
KEYNOTES

GENERAL NOTES:

1. REFERENCE ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION OF ALL LIGHTING FIXTURES.
2. LETTERS IN OR ADJACENT TO EACH FIXTURE OR FIXTURE ROW INDICATES SWITCH AND/OR OCCUPANCY SENSOR WHICH CONTROLS THE LIGHTING FIXTURE.
3. CIRCUIT HOMERUNS ARE INDICATED TO SHOW THE LOCATION AND NUMBER OF CIRCUITS TO BE GROUPED TOGETHER.
4. PROVIDE MINIMUM 1/2" CONDUIT AND #2 CIRCUIT CONDUCTORS FOR LIGHTING AS REQUIRED TO CONNECT EACH LIGHTING FIXTURES TO THEIR INDICATED CONTROL DEVICES. (U.O.N.)

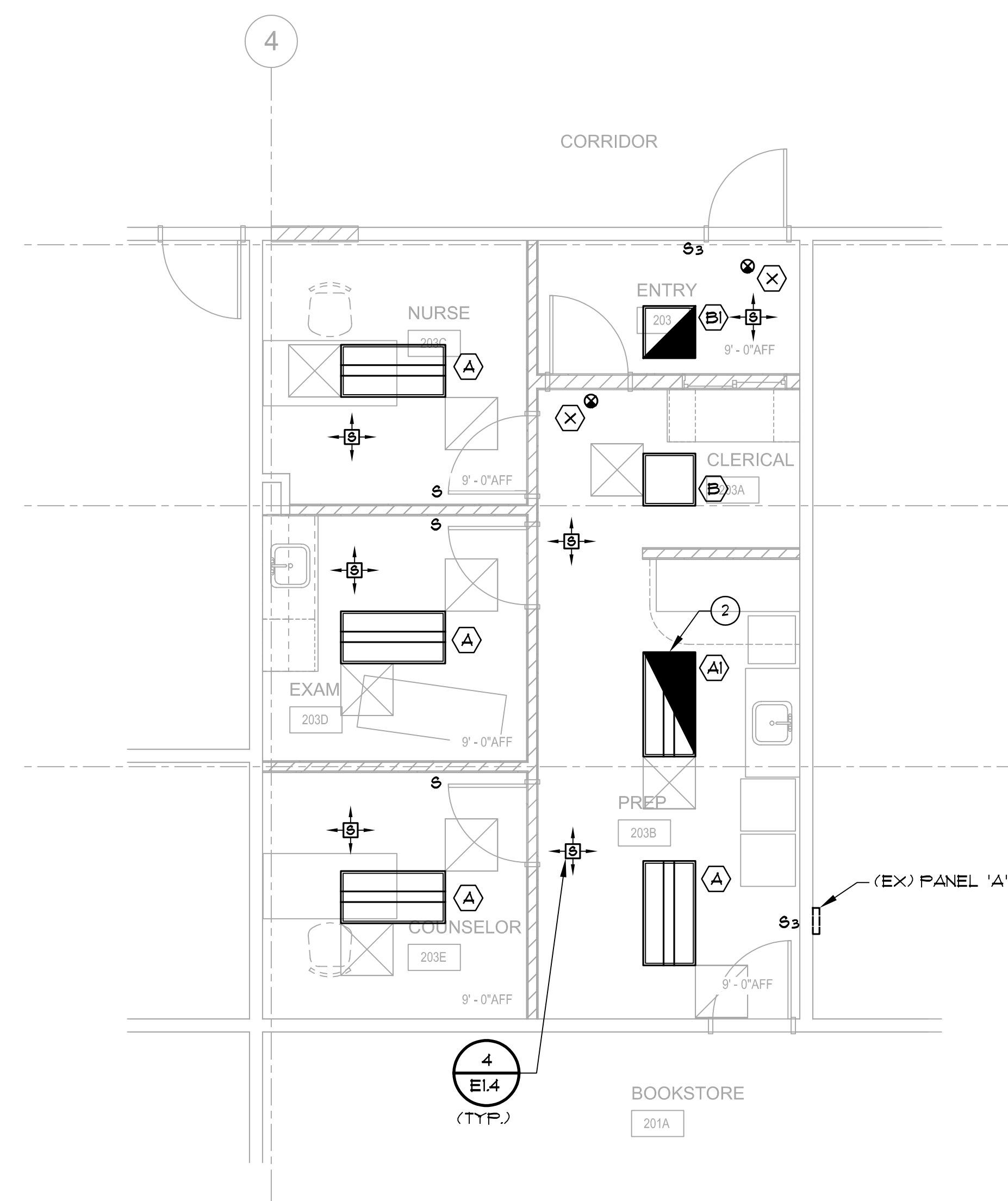
KEY NOTES:

- 1 PROVIDE NEW CAT-6A CABLING BACK TO EXISTING IDF. TYPE BERK-TEK CAT6A.
- 2 RE-USE EXISTING LIGHTING CIRCUIT FOR THIS AREA.
- 3 PROVIDE PANIC BUTTON MOUNT TO UNDERSIDE OF DESK. PROVIDE CONNECTION TO EXISTING SECURITY SYSTEM. VERIFY/COORDINATION WITH COLLEGE STAFF.



1 FLOOR PLAN - COMMUNICATION
1/4" = 1'-0"

LIGHTING FIXTURE SCHEDULE											
Mark	Approved Manufacturer's (See Key Note No.1)	Catalog Series Type (See Key Note No.2)	FIXTURE				LAMP	MOUNTING			
			Incandescent	Fluorescent	LED	Volts		Recessed / Ceiling	Recessed / Wall	Pendant	Surface / Pole
A	CREE	CR24 Series	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	UNIV	LED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	GRID 2X4
	LITHONIA LIGHTING		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UNIV	LED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	GRID 2X4
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UNIV	LED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	GRID 2X4
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UNIV	LED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	GRID 2X4
A1	CREE	CR24 Series	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	UNIV	LED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	GRID 2X4
	LITHONIA LIGHTING		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UNIV	LED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	GRID 2X4
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UNIV	LED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	GRID 2X4
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UNIV	LED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	GRID 2X4
B	CREE	CR24 Series	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	UNIV	LED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	GRID 2X2
	LITHONIA LIGHTING		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UNIV	LED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	GRID 2X2
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UNIV	LED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	GRID 2X2
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UNIV	LED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	GRID 2X2
B1	CREE	CR24 Series	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	UNIV	LED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	GRID 2X2
	LITHONIA LIGHTING		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UNIV	LED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	GRID 2X2
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UNIV	LED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	GRID 2X2
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UNIV	LED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	GRID 2X2
X	ISOLITE	SLX-60 Series	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	120	NA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NA
	Pentaco	P160 Series	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	208	NA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NA
	SRB Tech.	171 Series	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	208	NA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NA
	Lightoller	TE Series	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	208	NA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NA
X	Mule	EDX Series	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	480	NA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NA
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	480	NA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NA



2 FLOOR PLAN - LIGHTING
1/4" = 1'-0"

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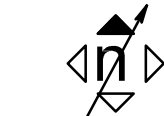
Consultant Seal	Agency Approval	FILE NO.
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Project Title
ESCONDIDO HEALTH CENTER IT
PALOMAR COMMUNITY COLLEGE
1951 EAST VALLEY PARKWAY
ESCONDIDO, CA 92025

No.	Description	Date

Drawing Title:
FLOOR PLAN - COMM. AND LIGHTING, LIGHTING SCHEDULE

Architect's Seal REGISTERED ARCHITECT KENNETH S. LITTON NO. C-19082 STATE OF CALIFORNIA 11-30-11	Designer Author Scale: As indicated	Project No. 5015015
QA/QC Checker Date: 06/28/16	Drawing No. E1.2	



PLEASE RECYCLE

KEYNOTES

GENERAL NOTES:

1. REFERENCE ARCHITECTURAL INTERIOR ELEVATIONS FOR EXACT LOCATION OF ALL WALL MOUNTED POWER DEVICES WHERE INDICATED AT MOUNTING HEIGHTS OTHER THAN 48".
2. NUMBERS ADJACENT TO EACH POWER DEVICE INDICATES THE CIRCUIT NUMBER TO WHICH THE DEVICE IS TO BE CONNECTED.
3. CIRCUIT HOMERUNS ARE INDICATED TO SHOW THE LOCATION AND NUMBER OF CIRCUITS TO BE GROUPED TOGETHER.
4. PROVIDE MINIMUM 1/2" CONDUIT AND #2 CIRCUIT CONDUCTORS AS REQUIRED TO CONNECT EACH POWER DEVICE TO THEIR INDICATED CIRCUIT (U.O.N.).
5. FIELD VERIFY EXACT ROUTING LOCATION FOR CONCEALED CONDUITS AND RECEPTACLES PRIOR TO ROUGH-IN.

DEMOLITION GENERAL NOTES:

1. ALL ITEMS SHOWN ON THIS DRAWING ARE EXISTING TO BE REMOVED UNLESS OTHERWISE NOTED. SEE REQUIREMENTS BELOW FOR SCOPE OF WORK. ALL OTHER ELECTRICAL ITEMS IN THIS BUILDING ARE EXISTING TO REMAIN. MAINTAIN POWER CIRCUIT CONTINUITY UNTIL NEW SOURCE IS ENERGIZED AND READY FOR TRANSFER. REFER TO POWER AND LIGHTING PLANS.
2. ALL ELECTRICAL DEMOLITION WORK SHALL BE DIRECTED BY THE ELECTRICAL CONTRACTOR.

GENERAL DEMOLITION REQUIREMENTS

1. LIGHTING FIXTURES:
ALL EXISTING LIGHTING FIXTURES ARE TO BE REMOVED, AND ARE NOT RELOCATED. CONTRACTOR SHALL DISPOSE OF ALL FIXTURES INCLUDING LAMPS AND BALLAST.
2. WIRING DEVICES:
ALL EXISTING SWITCHES, RECEPTACLES, DATA PORTS AND ALL OTHER DEVICES ARE TO BE REMOVED. THE CONTRACTOR SHALL DISPOSE OF ALL DEVICES, WIRING, BACK BOXES AND CONDUIT.
3. ALL BOXES, EXPOSED CONDUIT, WIRE, AND OTHER ITEMS ASSOCIATED WITH ELECTRICAL EQUIPMENT TO BE REMOVED, SHALL BE DISCONNECTED, REMOVED AND DISPOSED OF BY THE CONTRACTOR AS REQUIRED, UNLESS SPECIFICALLY NOTED OTHERWISE. CUT AND CAP CONCEALED CONDUITS, PATCH, SEAL AND REPAIR SURFACE TO MATCH ADJACENT AREA WHERE BOXES ARE REMOVED.

KEY NOTES:

- ① FIELD VERIFY EXACT LOCATION PRIOR TO ROUGH-IN.
- ② 2 #2 (HOT), 1 #10 (NEUTRAL), 1 #2 (GND), 1/2" C.
- ③ 3 #2 (HOT), 1 #10 (NEUTRAL), 1 #2 (GND), 1/2" C.
- ④ 4 #2 (HOT), 2 #10 (NEUTRAL), 1 #2 (GND), 3/4" C.
- ⑤ PROVIDE (5) 1P, 20A CIRCUIT BREAKERS FOR EXISTING PANELBOARD 'A'. MATCH EXISTING TYPE AND RATING.
- ⑥ IF POWER CIRCUIT PASSES THROUGH SPACE, SPLICE WIRING TOGETHER AND PROVIDE BLANK PLATE.
- ⑦ EXISTING POWER WIRING, TRACE BACK TO POINT OF CONNECTION AND REMOVE.

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10/25/2016

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Project Title
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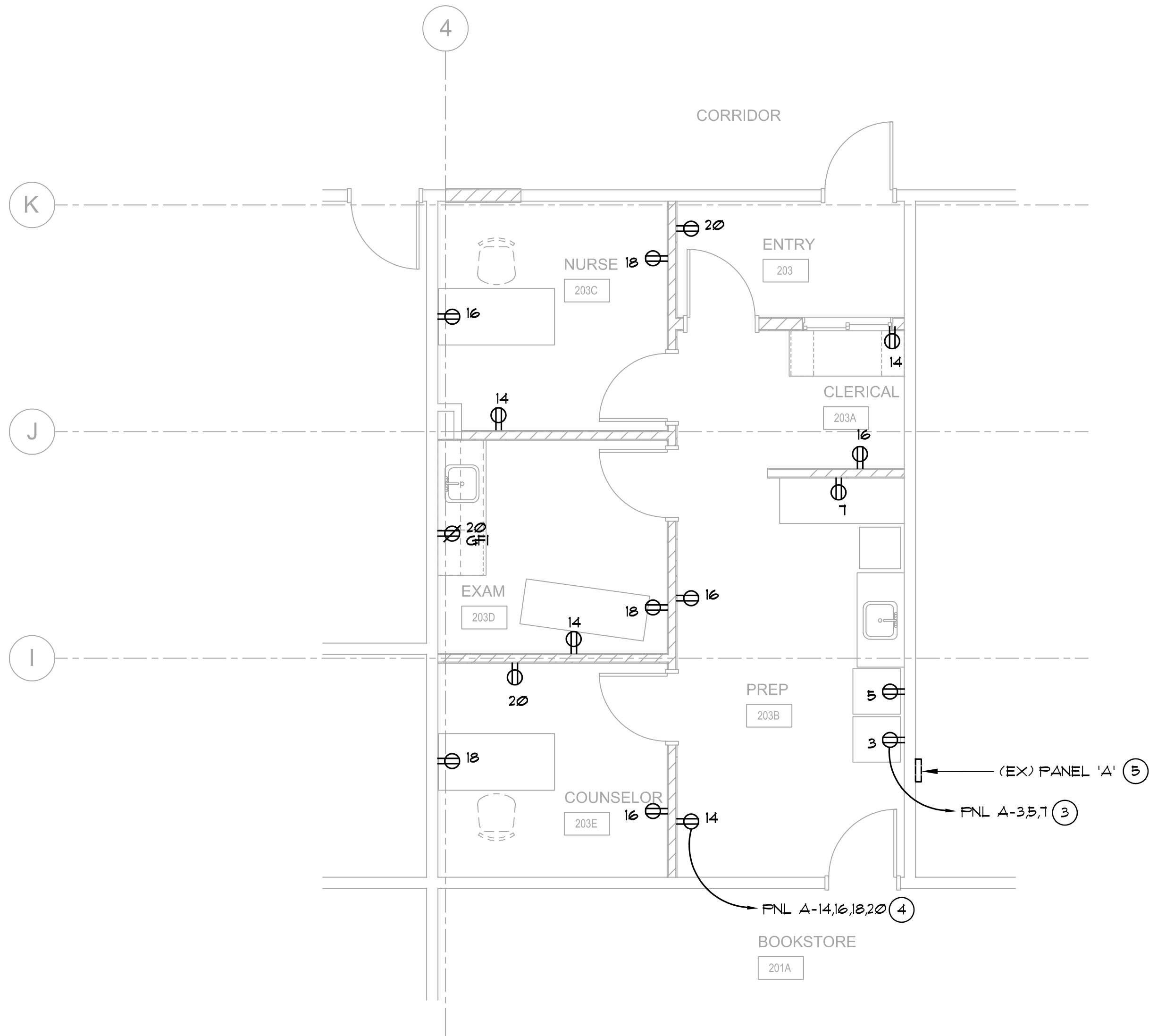
**PALOMAR COMMUNITY
COLLEGE**

1951 EAST VALLEY PARKWAY
ESCONDIDO, CA 92025

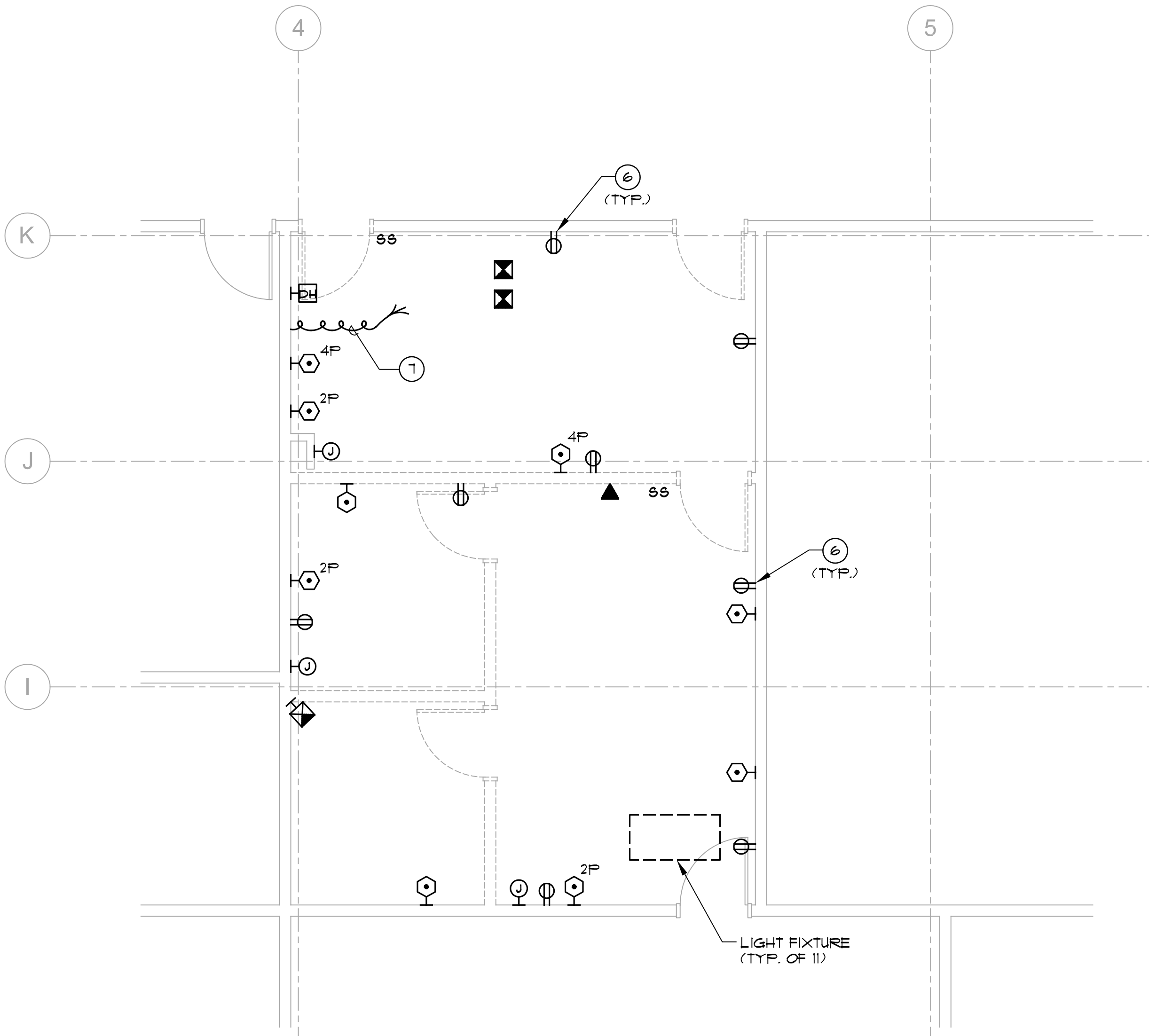
No.	Description	Date

Drawing Title:
**FLOOR PLAN - POWER AND
DEMOLITION FLOOR PLAN**

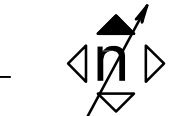
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QA/QC Checker Date: 06/28/16	Drawing No. E1.3	



① FLOOR PLAN - POWER
1/4" = 1'-0"



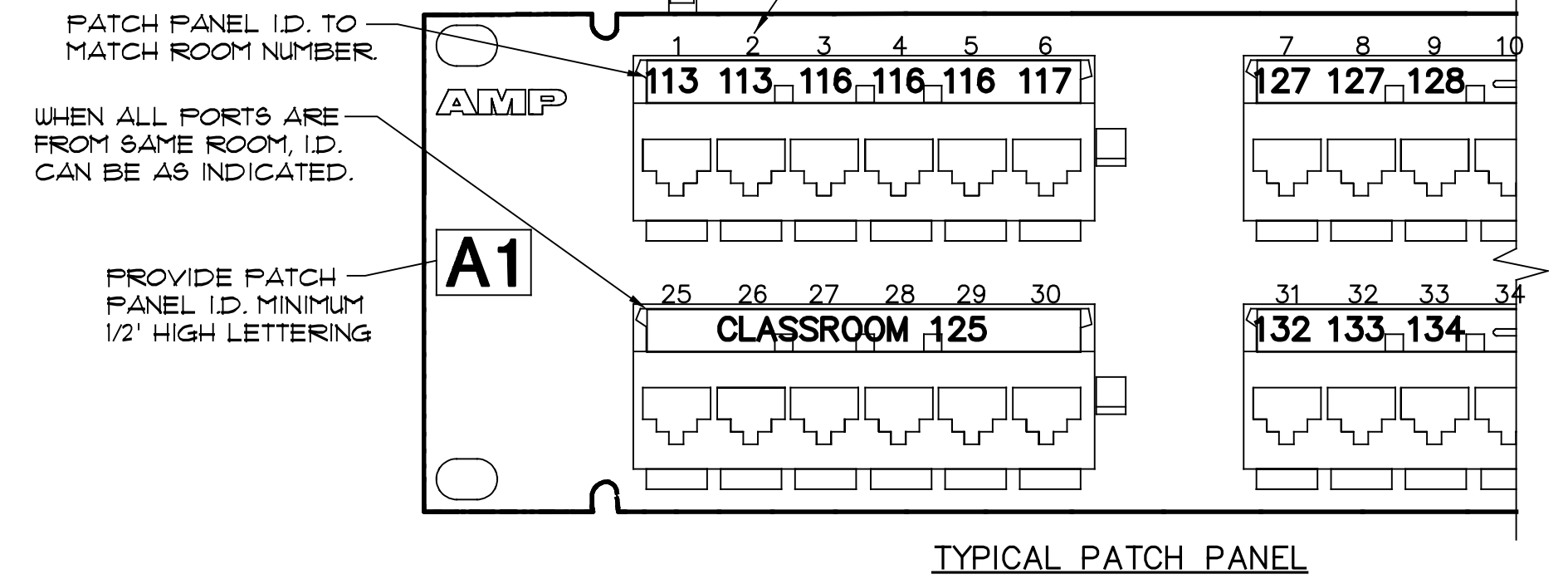
② DEMOLITION FLOOR PLAN
1/4" = 1'-0"



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KEY NOTES:
1 EACH IDF SHALL BE NUMBERED TO MATCH THE BUILDING NAME (IDF-A or IDF-100) FOR BUILDINGS WITH MULTIPLE IDFS (IDF-A1, A2 or IDF-100A, 100B)
2 NUMBER TO MATCH MANUFACTURER'S PREPRINTED NUMBERS 1-48 ON PATCH PANEL

GENERAL NOTES:
1. ALL IDENTIFICATIONS SHALL BE MACHINE MADE, NO HAND WRITTEN LABELS, SEE SPECIFICATIONS. VERIFY IN WRITING ALL ROOM IDENTIFICATIONS WITH ARCHITECT PRIOR TO MAKING ANY LABELS.



TYPICAL DATA NETWORKING LABELING REQUIREMENT
NO SCALE

1
E1.4

TYPICAL FACEPLATE LABELING DETAIL
NO SCALE

2
E1.4

COMMUNICATIONS SYSTEM OPEN WIRE/CONDUIT STUB TYPICAL DETAIL
NO SCALE

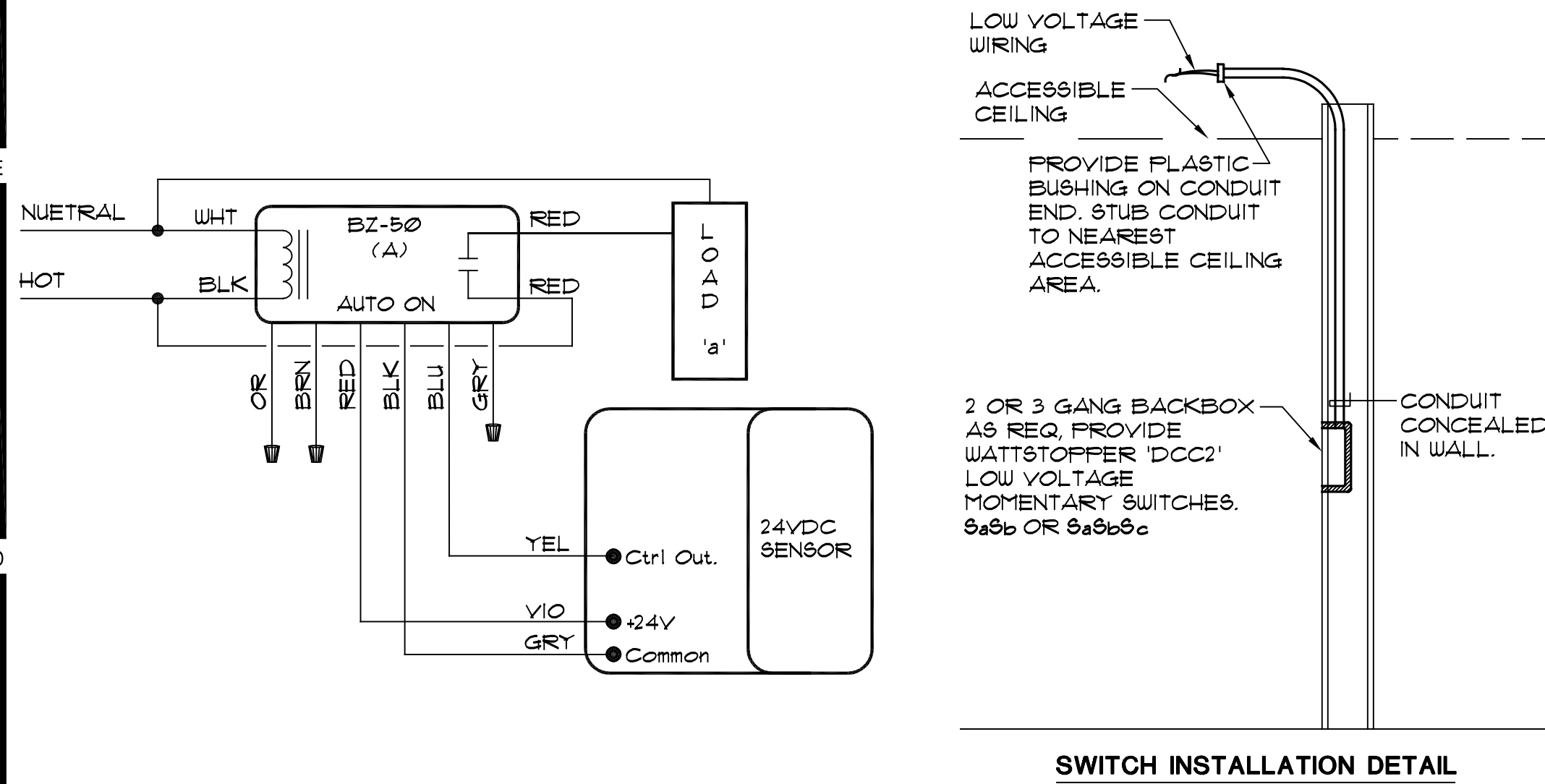
3
E1.4

GENERAL NOTES:

1 THIS DIAGRAM APPLIES TO ALL AREAS WHERE THESE SYMBOLS OCCUR. SEE FLOOR PLANS FOR LOCATION.

GENERAL NOTES:

1. FIELD WIRE SENSOR FOR THE FOLLOWING:
"LIGHTS ON" - BY EITHER TECHNOLOGY
"REMAIN ON" - BY BOTH TECHNOLOGIES
"LIGHTS OFF" - BY BOTH TECHNOLOGIES



OCCUPANCY SENSOR CONTROL DIAGRAMS
NO SCALE

4
E1.4

KEYNOTES

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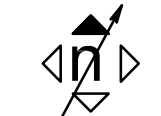
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Project Title
ESCONDIDO HEALTH CENTER IT
PALOMAR COMMUNITY COLLEGE
1951 EAST VALLEY PARKWAY
ESCONDIDO, CA 92025

No.	Description	Date

Drawing Title:
ELECTRICAL DETAILS

Architect's Seal KEVIN H. SALIBA NO. C-19082 11-30-17 STATE OF CALIFORNIA	Designed: Designer Drawn: Author QA/QC: Checker Date: 06/28/16	Project No. 5015015 Scale: As indicated Drawing No. E1.4
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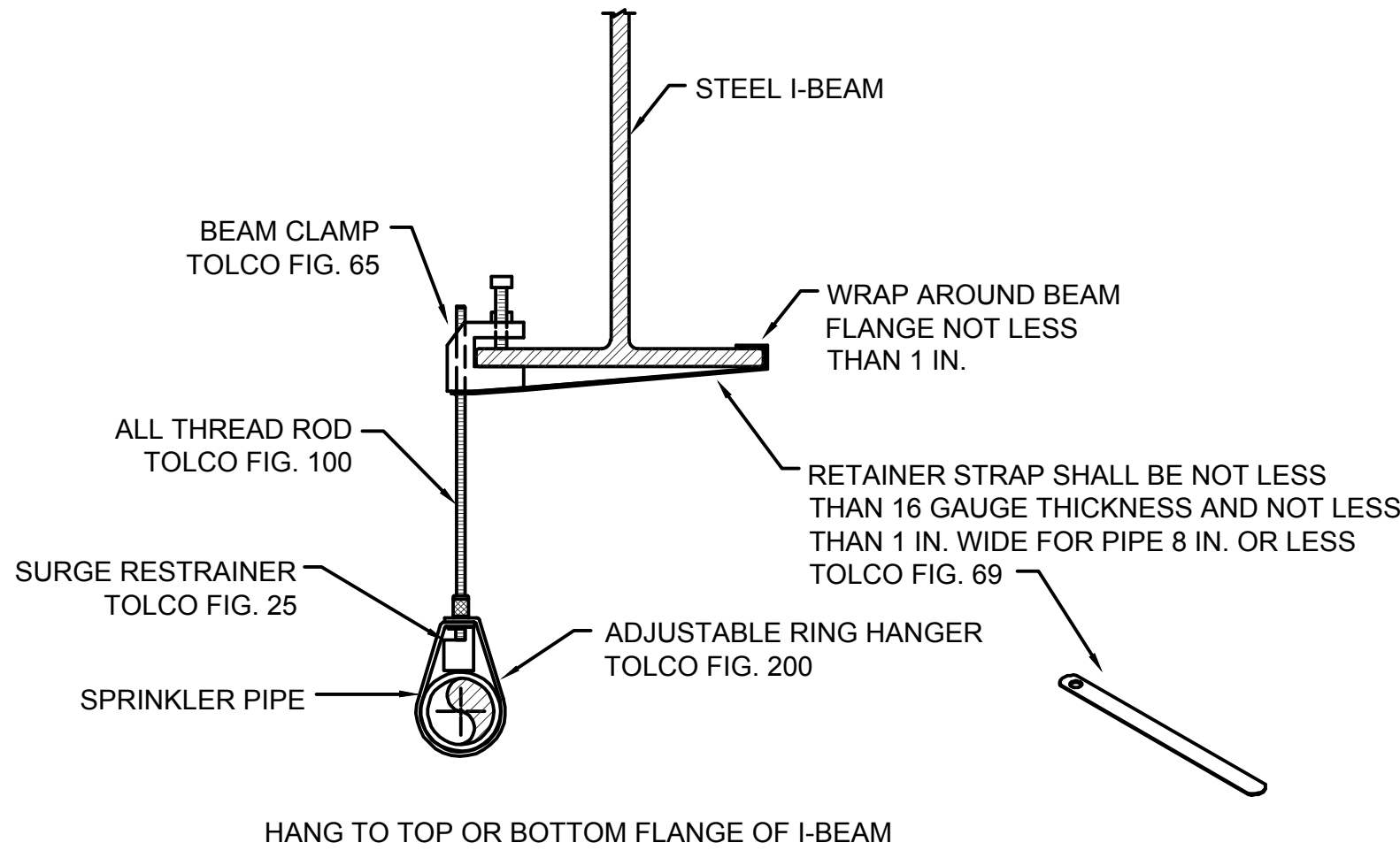


PLEASE RECYCLE

SPRINKLER SCHEDULE & LEGEND						
SYMBOL	SPRINKLER DESCRIPTION	K-FACTOR	TEMP.	FINISH	SIN	QUANTITY
⊙	PENDENT SPRINKLER RECESSED - QUICK RESPONSE	5.6	155°F	WHITE	TY231	7
HEAD CABT & WRENCH(ES) PROVIDED		TOTAL NEW SPRINKLER FOR THIS PROJECT =				7

SPRINKLER LEGEND

- ⊙ RECESSED PENDENT SPRINKLER - NEW
- EXISTING SPRINKLER OUTLET
- HANGER



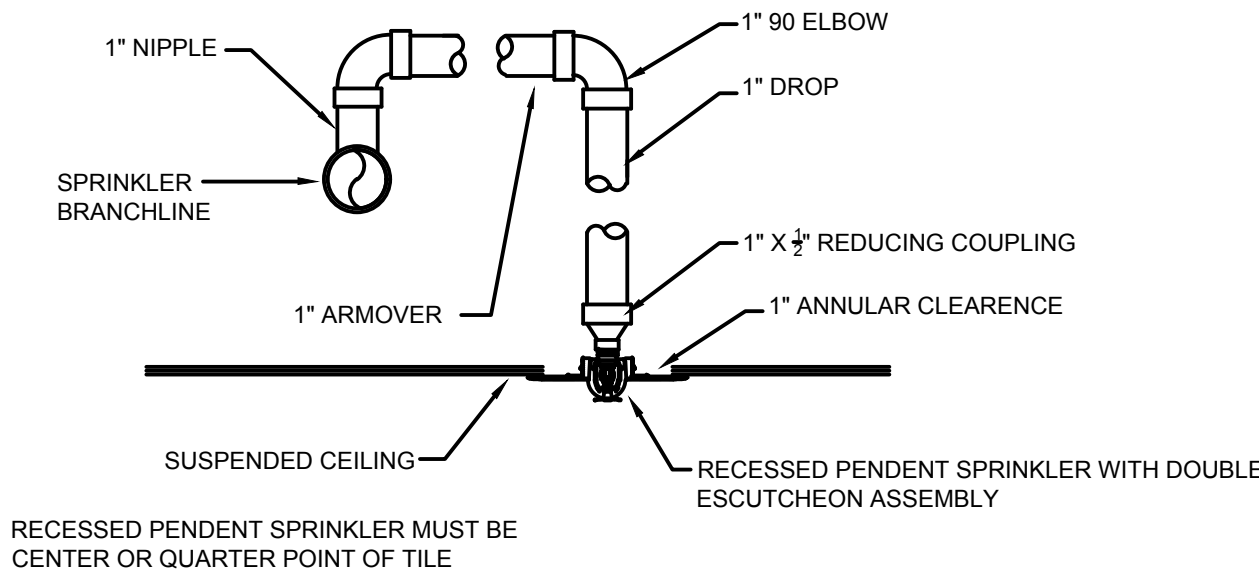
HANGER AT STEEL I-BEAM

NTS

SYMBOL = —

SPRINKLER SCOPE

- REVISE THE EXISTING SPRINKLER LOCATIONS BASED ON THE REVISED FLOOR AND CEILING PLANS. PROVIDE AT LEAST ONE NEW HANGER ON EACH NEW PIECE OF PIPE. ALL EXISTING SEISMIC SWAY BRACING IS TO REMAIN AS IS. WHERE EXISTING SPRINKLERS ARE TO BE REMOVED AND NO NEW SPRINKLERS ARE TO BE SUPPLIED FROM THAT PIPE, DEMO ALL PIPING BACK TO THE BRANCH LINE AND PROVIDE A CAP AT THE OUTLET ON THE BRANCH LINE.
- UNDER NO CIRCUMSTANCES CAN SMALLER PIPE BE INSTALLED TO REPLACE LARGER PIPE BEING REMOVED. REPLACE SPRINKLERS ONE FOR ONE.
- WORK SHALL ONLY OCCUR IN ONE (1) PHASE AT A TIME (IF APPLICABLE). ALL PHASES NOT UNDER CONSTRUCTION SHALL HAVE A FULLY OPERATIONAL AND CODE COMPLIANT SPRINKLER SYSTEM AT ALL TIMES.
- FIRE WATCH, PAID FOR BY THE CONTRACTOR, IS REQUIRED FOR ANY AREA UNDER CONSTRUCTION, AND FOR ANY DOWN TIME IN PHASES NOT UNDER CONSTRUCTION.



CONTRACTOR SHALL PROVIDE CODE REQUIRED 1" ANNULAR SPACE AROUND EACH HARD PIPED SPRINKLER HEAD AT ALL SUSPENDED CEILINGS. PROVIDE ESCUTCHEON ADAPTER PLATES TO CONCEAL THE 1" ANNULAR CLEARANCE. PROVIDE FLEX CONNECTIONS IN ALL LOCATIONS WHERE CEILING HEIGHT AND MEP SYSTEMS CAN ACCOMMODATE.

ARMOVER DETAIL

NTS

GENERAL NOTES

- DESIGN AND INSTALLATION TO BE IN ACCORDANCE WITH THE FOLLOWING CODES AND STANDARDS:
2013 CALIFORNIA BUILDING CODE
2013 CALIFORNIA FIRE CODE
2013 NFPA 13 STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS
- THE HEALTH CENTER IT TENANT IMPROVEMENT IS LOCATED ON THE FIRST LEVEL OF PALOMAR COMMUNITY COLLEGE IN ESCONDIDO, CA.
- THE REMODEL AREA IS CONSIDERED TO BE A LIGHT HAZARD OCCUPANCY IN ACCORDANCE WITH NFPA 13.
- ALL NEW SPRINKLER SYSTEM PIPING SHALL BE SCHEDULE 40 BLACK STEEL.
- ALL SPRINKLER SYSTEM EQUIPMENT SHALL BE UL LISTED FOR FIRE PROTECTION USE.
- ALL HANGERS SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 13.
- FIRE PROTECTION CONTRACTOR IS TO FIELD VERIFY ALL DIMENSIONS AND COORDINATE WITH OTHER TRADES PRIOR TO INSTALLATION.
- REFERENCE PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION NOT SHOWN ON THE DRAWINGS.

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KEYNOTES

NO. Note - Detail

NOTES



Agency Approval FILE NO.
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APPL. ---
ACS FLS SSS
DATE

Project Title
PALOMAR COLLEGE
ESCONDIDO HEALTH CENTER IT
PALOMAR COLLEGE
1951 EAST VALLEY PARKWAY
ESCONDIDO, CA 92025

No.	Description	Date

FIRST FLOOR PIPING PLAN

Architect's Seal
DESIGNED: BK
DRAWN: BK
QA/QC: AS
DATE: 06/28/16
Project No. 5015015
Scale: As indicated
Drawing No. FP1.1

FIRST FLOOR DEMOLITION PIPING PLAN

2

1/4" = 1'-0"

FIRST FLOOR REMODEL PIPING PLAN

1

1/4" = 1'-0"

SCALE: 1/4" = 1'-0"

PLEASE RECYCLE