TCMC PHYSICIANS LOUNGE

TRI-CITY MEDICAL CENTER

4002 VISTA WAY
OCEANSIDE,
CALIFORNIA 92056

100% CONSTRUCTION DOCUMENTS
4/7/2017

1 OSHPD COMMENTS 5/21/2017

2 OSHPD COMMENTS 8/21/2017

INTERIOR:

ISLEY DESIGN + PLANNING

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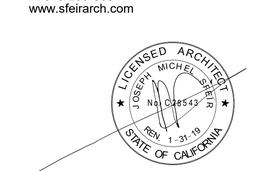


OSHPD PROJECT NUMBER:
S170837-37-00

ABBREVIATIONS:

ACT	ACOUSTICAL CEILING TILE	HORIZ	HORIZONTAL
ALUM	ALUMINUM	ID	INSIDE DIAMETER
ALT	ALTERNATE	INSUL	INSULATION
AP	ACCESS PANEL	INT	INTERIOR
ARCH	ARCHITECT	JAN	JANITOR
BD	BOARD	LAM	LAMINATE
BLDG	BUILDING	LLH	LONG LEG HORIZONTAL
BLK'G	BLOCKING	LLV	LONG LEG VERTICAL
BM	BEAM	LGT WGT	LIGHT WEIGHT
BOT	BOTTOM	MAX	MAXIMUM
CAB	CABINET	MECH	MECHANICAL
CAR	CARPET	MIN	MINIMUM
CEM	CEMENT	MISC	MISCELLANEOUS
CT	CERAMIC TILE	NIC	NOT IN CONTRACT
CLG	CEILING	NO/#	NUMBER
CLR	CLEAR	NTS	NOT TO SCALE
CTR	COUNTER	NR	NOT RATED
COL	COLUMN	OC	ON CENTER
CONSTR	CONSTRUCTION	OD	OUTSIDE DIAMETER
CONT	CONTINUOUS	OPNG	OPENING
CORR	CORRIDOR	OPP	OPPOSITE
DBL	DOUBLE	PL	PLATE/PROPERTY LINE
DEPT	DEPARTMENT	PL LAM	PLASTIC LAMINATE
DF	DRINKING FOUNTAIN	PLWD	PLYWOOD
DIA	DIAMETER	POL	POLISHED
DIM	DIMENSION	PR	PAIR
DISP	DISPENSER	PT	PRESSURE TREATED
DN	DOWN	PTD	PAINTED
DR	DRAIN	QTY	QUANTITY
DET	DETAIL	R	RADIUS
DWG	DRAWING	RD	ROOF DRAIN
DWR	DRAWER	REF	REFERENCE
EA	EACH	REINF	REINFORCING
EJ	EXPANSION JOINT	RM	ROOM
ELECT	ELECTRICAL	RO	ROUGH OPENING
ENCL	ENCLOSURE	RUB	RUBBER
EQ	EQUAL	SC	SOLID CORE
EW	EACH WAY	SCHED	SCHEDULE
EWC	ELECT WATER COOLER	SHR	SHOWER
EXG	EXISTING	SHT	SHEET
ETR	EXISTING TO REMAIN	SIM	SIMILAR
EXT	EXTERIOR	SMS	SHEET METAL SCREW
FD	FLOOR DRAIN	SPEC	SPECIFICATIONS
FEC	FIRE EXTINGUISHER CAB.	SQ	SQUARE
FHC	FIRE HOSE CABINET	ST STL	STAINLESS STEEL
FIN	FINISH	STD	STANDARD
FIXT	FIXTURE	STOR	STORAGE
FLR	FLOOR	STL	STEEL
FT	FEET	STRUCT	STRUCTURE
FURR	FURRING	SUSP	SUSPENDED
FV	FIELD VERIFY	TELE	TELEPHONE
GA	GAUGE	TEMP	TEMPORARY
GALV	GALVANIZED	THK	THICK
GB	GRAB BAR	TYP	TYPICAL
GL	GLASS	UON	UNLESS OTHERWISE NOTED
GYP	GYPSUM	VCT	VINYL COMPOSITE TILE
HDR	HEADER	VERT	VERTICAL
HDWD	HARDWOOD	VEST	VESTIBULE
HDWR	HARDWARE	W/	WITH
HGT	HEIGHT	WD	WOOD
		W/O	WITHOUT
		WGT	WEIGHT

INTERIM LIFE SAFETY MEASURES

1. ALL EXIT DOORS SHALL BE OPENABLE FROM THE INSIDE WITHOUT USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
PANIC HARDWARE AT EXITS SHALL BE PROVIDED AS REQUIRED BY THE CODE.
2. PRIOR TO THE START OF WORK CONSULT WITH FIELD FIRE MARSHAL ON AN ACCEPTABLE EXITING ARRANGEMENT. A FIRE WATCH MAY BE REQUIRED AT THE DISCRETION OF THE FIRE MARSHAL.
INTERIM LIFE SAFETY MEASURES ARE REQUIRED TO TEMPORARILY COMPENSATE FOR THE DEFICIENCIES IN NORMAL LIFE SAFETY REQUIREMENTS DUE TO THE ACTIVITIES.
3. ENSURE THAT THE EXITS PROVIDE FREE AND UNOBSTRUCTED EGRESS. PERSONNEL SHALL RECEIVE TRAINING IF ALTERNATE EXITS MUST BE DESIGNATED. AREAS UNDER CONSTRUCTION MUST MAINTAIN ESCAPE FACILITIES FOR CONSTRUCTION WORKERS AT ALL TIMES. MEANS OF EGRESS MUST BE INSPECTED DAILY.
4. ENSURE THAT FIRE ALARM, DETECTION & SUPPRESSION SYSTEMS ARE NOT IMPAIRED.
5. ENSURE THAT TEMPORARY CONSTRUCTION PARTITIONS ARE SMOKE TIGHT AND CONSTRUCTED OF NON-COMBUSTIBLE MATERIALS.
6. PROVIDE ADDITIONAL FIRE FIGHTING EQUIPMENT AND TRAIN PERSONNEL IN ITS USE.

SYMBOL LEGEND:

A0-00	SHEET NUMBER
NORTH / REF. NORTH / TRUE NORTH	NORTH ARROW
+100.00	ELEVATION
+100.00	ELEVATION IN PLAN
1t	WINDOW/FRAME NUMBER
1	DRAWING KEYNOTE
1i	EQUIPMENT NUMBER
1i	WALL TYPE
B	TOILET ACCESSORY
1 / A101 SIM	DETAIL IN PLAN
1 / A101 SIM	DETAIL IN SECTION
1 / A101 SIM; 1 / A101 SIM	BUILDING SECTION
1 / A101 SIM	WALL SECTION

SEISMIC BRACING

1. SEISMIC BRACING - CBC 2016 CHAPTER 16A/ASCE 7-10 HVAC DUCTWORK, PLUMBING/ PIPING AND CONDUIT SYSTEMS:
2. ALL PIPES, DUCTS AND CONDUIT SHALL BE BRACED TO RESIST THE FORCES PRESCRIBED IN 2016 CBC CHAPTER 16A/ASCE 7-10. DUCTWORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH PROVISIONS CONTAINED IN PART 4, TITLE 24, CALIFORNIA MECHANICAL CODE. WHERE POSSIBLE, PIPES, CONDUIT, AND THEIR CONNECTIONS SHALL BE CONSTRUCTED OF DUCTILE MATERIALS (COPPER, DUCTILE IRON, STEEL OR ALUMINUM AND BRAZED, WELDED OR SCREWED CONNECTIONS). PIPES, CONDUITS AND THEIR CONNECTIONS, CONSTRUCTED OF NONDUCTILE MATERIALS (E.G., CAST IRON, NO-HUB PIPE AND PLASTIC), SHALL HAVE THE BRACE SPACING REDUCED TO SATISFY REQUIREMENTS OF ASCE 7-10 CHAPTER 13 AND NOT TO EXCEED ONE-HALF OF THE SPACING ALLOWED FOR DUCTILE MATERIALS.
3. SEISMIC SUPPORTS ARE NOT REQUIRED FOR HVAC DUCTWORK WITH I = 1.5 IF EITHER OF THE FOLLOWING CONDITIONS IS MET FOR THE FULL LENGTH OF EACH DUCT RUN:

A. TRAPEZE ASSEMBLIES ARE USED TO SUPPORT DUCTWORK AND THE TOTAL WEIGHT FOR THE DUCTWORK SUPPORTED BY TRAPEZE ASSEMBLIES IS LESS THAN 10 LB/FT OR

B. THE DUCTWORK IS SUPPORTED BY HANGERS AND EACH HANGER IN THE DUCT RUN IS 12" OR LESS IN LENGTH FORM THE DUCT SUPPORT POINT TO THE SUPPORTING STRUCTURE. WHERE ROD HANGERS ARE USED WITH A DIAMETER GREATER THAN 3/8", THEY SHALL BE EQUIPPED WITH SWIVELS TO PREVENT INELASTIC BENDING IN THE ROD.

C. WHERE PROVISIONS ARE MADE TO AVOID IMPACT WITH LARGER DUCTS OR MECHANICAL COMPONENTS OR TO PROTECT THE DUCTS IN THE EVENT OF SUCH, AND HVAC DUCTS HAVE A CROSS-SECTION AREA OF 6 FT SQ OR LESS, OR WEIGH 10 LB/FT OR LESS.

HVAC DUCT SYSTEMS FABRICATED AND INSTALLED IN ACCORDANCE WITH STANDARDS APPROVED BY THE AUTHORITY HAVING JURISDICTION SHALL BE DEEMED TO MEET THE LATERAL BRACING REQUIREMENTS OF THIS SECTIONS.

COMPONENTS THAT ARE INSTALLED IN-LINE WITH THE DUCT SYSTEM AND HAVE AN OPERATING WEIGHT GREATER THAN 75 LB. (334N), SUCH AS FANS, HEAT EXCHANGERS, AND HUMIDIFIERS, SHALL BE SUPPORTED AND LATERALLY BRACED INDEPENDENT OF THE DUCT SYSTEM AND SUCH BRACES SHALL MEET THE FORCE REQUIREMENTS OF SECTION CBC CH. 16A. APPURTENANCES SUCH AS DAMPERS, LOUVERS, AND DIFFUSERS SHALL BE POSITIVELY ATTACHED WITH MECHANICAL FASTENERS. UNBRACED PIPING ATTACHED TO IN-LINE EQUIPMENT SHALL BE PROVIDED WITH ADEQUATE FLEXIBILITY TO ACCOMMODATE DIFFERENTIAL DISPLACEMENTS.

PIPING SYSTEMS SHALL SATISFY THE REQUIREMENTS OF THIS SECTION EXCEPT THAT ELEVATOR SYSTEM PIPING SHALL SATISFY THE REQUIREMENTS OF SECTION CBC 1616A.1.26.

EXCEPT FOR PIPING DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH NFPA 13, SEISMIC SUPPORTS SHALL NOT BE REQUIRED FOR OTHER PIPING SYSTEMS WHERE ONE OF THE FOLLOWING CONDITIONS IS MET:

1. PIPING IS SUPPORTED BY ROD HANGERS: HANGERS IN THE PIPE RUN ARE 12 IN. (305 MM) OR LESS IN LENGTH FROM THE TOP OF THE PIPE TO THE SUPPORTING STRUCTURE; HANGERS ARE DETAILED TO AVOID BENDING OF THE HANGERS AND THEIR ATTACHMENTS; AND PROVISIONS ARE MADE FOR PIPING TO ACCOMMODATE EXPECTED DEFLECTIONS.
2. HIGH-DEFORMABILITY PIPING IS USED; PROVISIONS ARE MADE TO AVOID IMPACT WITH LARGER PIPING OR MECHANICAL COMPONENTS OR TO PROTECT THE PIPING IN THE EVENT OF SUCH IMPACT AND THE FOLLOWING SIZE REQUIREMENTS ARE SATISFIED:

A. FOR SEISMIC DESIGN CATEGORIES D, E, OR F WHERE Ip IS GREATER THAN 1.0, THE NOMINAL PIPE SIZE SHALL BE 1 IN. (25 MM) OR LESS.

B. FOR SEISMIC DESIGN CATEGORIES D,E, OR F WHERE Ip IS EQUAL TO 1.0, THE NOMINAL PIPE SIZE SHALL BE 3 IN. (76 MM) OR LESS.

4. WHERE LATERAL RESTRAINTS ARE OMITTED, THE PIPING, DUCTS OR CONDUIT SHALL BE INSTALLED SUCH THAT LATERAL MOTION OF THE PIPING OR DUCT WILL NOT CAUSE DAMAGING IMPACT WITH OTHER SYSTEMS OR STRUCTURAL MEMBERS, OR LOSS OF VERTICAL SUPPORT.
5. ALL TRAPEZE ASSEMBLIES SUPPORTING PIPES, DUCTS AND CONDUIT SHALL BE BRACED TO RESIST THE FORCES OF CHAPTER 16A/ASCE 7, CONSIDERING THE TOTAL WEIGHT OF THE ELEMENTS ON THE TRAPEZE.
6. PIPES, DUCTS AND CONDUIT SUPPORTED BY A TRAPEZE WHERE NONE OF THOSE ELEMENTS WOULD INDIVIDUALLY BE BRACED NEED NOT BE BRACED IF CONNECTIONS TO THE PIPE/CONDUIT/DUCTWORK OR DIRECTIONAL CHANGES DO NOT RESTRICT THE MOVEMENT OF THE TRAPEZE. IF THIS FLEXIBILITY IS NOT PROVIDED, BRACING WILL BE REQUIRED WHEN THE AGGREGATE WEIGHT OF THE PIPES AND CONDUIT EXCEEDS 10 POUNDS/ FEET (146 N/m). THE WEIGHT SHALL BE DETERMINED ASSUMING ALL PIPES AND CONDUIT ARE FILLED WITH WATER.
7. EQUIPMENT SUPPORTS AND ATTACHMENTS:

SUPPORTS AND ATTACHMENTS OF ALL EQUIPMENT TO BE INSTALLED AS PART OF THIS PROJECT SHALL BE DETAILED ON CONSTRUCTION DOCUMENTS, EXCEPT THOSE EXEMPT BY THE 2016 CBC SECTION 1616A.1.18

EQUIPMENT SUPPORTS AND ATTACHMENTS SHALL BE APPROVED BY THE APPROPRIATE DESIGN PROFESSIONAL OF RECORD (RDP) AND OSHPD AS PART OF FIELD REVIEWS/OBSERVATIONS. THE INSPECTOR OR RECORD (IOR) SHALL ASSURE THAT THE ABOVE REQUIREMENTS ARE ENFORCED.

REFERENCE: 2016 CBC SECTIONS 107 AND 1616A.

NOTE:

SEISMICALLY RESTRAIN ALL SUSPENDED UTILITY SYSTEMS IN CONFORMANCE WITH REQUIREMENTS OF THE 2016 CALIFORNIA BUILDING CODE, CHAPTER 16A/ASCE 7-10. AS THE BASIS FOR THE RESTRAINT REQUIREMENTS, CALCULATE AND SUBMIT TOTAL DESIGN LATERAL FORCE(S) SPECIFIC TO THE PROJECT PER OSHPD REQUIREMENTS OF THE CBC AND ASCE 7-10 SECTION 13.5.6.

TYPICAL PRE-APPROVED SYSTEMS INCLUDED THE FOLLOWING:

OPM-0043-13 MASON INDUSTRIES, INC. SEISMIC RESTRAINT GUIDELINES FOR SUSPENDED DISTRIBUTION SYSTEMS.

REFERENCE: 2013 CAC SECTIONS 7-115, 7-126, AND CBC 2013 SECTION 107.

A. LAYOUT DRAWINGS OF THE SUPPORTS AND BRACING SYSTEMS IN ACCORDANCE WITH THE PRE-APPROVAL SHALL BE SUBMITTED TO THE REGISTERED DESIGN PROFESSIONAL (RDP) IN RESPONSIBLE CHARGE OF THE PROJECT FOR REVIEW TO VERIFY THAT THE DETAILS ARE IN CONFORMANCE WITH ALL CODE REQUIREMENTS. THE LAYOUT DRAWINGS SHALL AS A MINIMUM SATISFY THE REQUIREMENTS OF ASCE SECTION 13.6 AS MODIFIED BY THE CBC 2016 SECTION 1616A.

a) THE STRUCTURAL ENGINEER OF RECORD (SEOR) SHALL VERIFY THAT THE SUPPORTING STRUCTURE IS ADEQUATE FOR THE LOADS IMPOSED ON IT BY THE SUPPORTS AND BRACES INSTALLED IN ACCORDANCE WITH THE PRE-APPROVAL IN ADDITION TO ALL OTHER LOADS.

b) THE SEOR SHALL FORWARD THE ANCHORAGE AND BRACING DRAWINGS (INCLUDING APPROVED CHANGE ORDERS FOR SUPPLEMENTARY FRAMING WHERE REQUIRED) TO THE DISCIPLINE IN RESPONSIBLE CHARGE WITH A NOTATION INDICATING THAT THE DRAWINGS HAVE BEEN REVIEWED AND ARE IN GENERAL CONFORMANCE WITH THE PRE-APPROVAL AND THE DESIGN OF THE PROJECT.

c) A "SHOP DRAWING STAMP" MAY BE USED TO INDICATE COMPLIANCE WITH THIS REQUIREMENT.

d) THE REGISTERED DESIGN PROFESSIONAL (OTHER THAN SEOR) MAY PROVIDE SHOP DRAWING STAMP FOR SMALL PROJECTS AT THE DISCRETION OF THE DISTRICT STRUCTURAL ENGINEER.

B. THE SEOR SHALL DESIGN ANY SUPPLEMENTARY FRAMING THAT IS NEEDED TO RESIST THE LOADS, MAINTAIN STABILITY AND/OR IS REQUIRED FOR INSTALLATION OF THE PRE-APPROVED SYSTEM.

a) THE SUPPLEMENTARY FRAMING SHALL BE SUBMITTED TO OSHPD AS A CHANGE ORDER.

C. THE LAYOUT DRAWINGS (WITH THE SHOP DRAWING STAMP) SHALL BE SUBMITTED TO OSHPD TO REVIEW:

1) STRUCTURE SUPPORTING THE DISTRIBUTION SYSTEM HAS ADEQUATE CAPACITY.

2) SEISMIC DESIGN FORCES (FP) ARE IN ACCORDANCE WITH CBC 2016, AND

3) VERIFY THAT SUBMITTAL IS WITHIN THE SCOPE OF OSHPD PRE-APPROVAL OF: MANUFACTURER'S CERTIFICATION (OPM):

a. SIZE OF DISTRIBUTION SYSTEM COMPONENTS.
b. SPACING OF BRACING AND FLEX JOINTS, AND
c. SUBSTRATE FOR ATTACHMENTS.

D. THE LAYOUT DRAWINGS (WITH THE SHOP DRAWINGS STAMP) SHALL BE KEPT ON THE JOBSITE AND CAN THEN BE USED FOR INSTALLATION OF THE SUPPORT AND BRACING.

a) OSHPD FIELD STAFF WILL REVIEW THE INSTALLATION.

E. A COPY OF THE CHOSEN BRACING SYSTEM(S) INSTALLATION GUIDE/OPM MANUAL SHALL BE ON THE JOBSITE PRIOR TO STARTING THE INSTALLATION OF HANGERS AND/OR BRACES.

a) IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN COPIES OF OPM AND FURNISH THE IOR WITH ONE COPY OF EACH.

F. COMPONENTS OF TWO OR MORE PRE-APPROVED BRACING SYSTEMS SHALL NOT BE MIXED.

a) ONLY ONE PRE-APPROVED BRACING SYSTEM MAY BE USED FOR A RUN OF PIPE, DUCT OR CONDUIT.

b) ANY SUBSTITUTION OF COMPONENT OF A PRE-APPROVED BRACING SYSTEM SHALL REQUIRE OSHPD REVIEW AND APPROVAL.

REFERENCE: 2016 CAC SECTIONS 7-115, 7-126, 7-153, AND CBC 2016 SECTION 107.

REQUIREMENTS FOR ACCESSIBILITY

1. IN ADDITION TO ALL LOCAL REQUIREMENTS AND THE AMERICANS WITH DISABILITIES ACT (ADA), ACCESSIBLE FEATURES SHALL COMPLY WITH THE STATE OF CALIFORNIA ADMINISTRATIVE CODE OF REGULATIONS, BUILDING CODE, TITLE 24, PART 2 .
2. DURING ALL HOURS THE BUILDING IS OPEN TO THE PUBLIC, ALL PRIMARY ENTRANCES TO THE BUILDING, THE PRIMARY PATH OF TRAVEL FROM THE ENTRANCES TO ALL PORTIONS OF THE BUILDING INCLUDING SANITARY FACILITIES, DRINKING FOUNTAINS AND PUBLIC TELEPHONES SERVING THE BUILDING MUST BE ACCESSIBLE TO THE DISABLED.
3. ALL BUILDING ENTRANCES SHALL BE IDENTIFIED WITH AT LEAST ONE STANDARD SIGN AND WITH ADDITIONAL DIRECTIONAL SIGNS, AS REQUIRED, TO BE VISIBLE TO PERSONS ALONG APPROACHING PEDESTRIAN WAYS.
4. HAND-ACTIVATED DOOR OPENING HARDWARE SHALL BE CENTERED BETWEEN 34 INCHES AND 44 INCHES ABOVE THE FLOOR. LATCHING AND LOCKING DOORS THAT ARE HAND-ACTIVATED AND WHICH ARE IN A PATH OF TRAVEL SHALL BE OPERABLE WITH A SINGLE EFFORT BY LEVER-TYPE HARDWARE, PANIC BARS, PUSH-PULL ACTIVATING BARS OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE. LOCKED EXIT DOORS SHALL OPERATE AS ABOVE IN EGRESS DIRECTION. (CBC SECTION 11B-404.2.7)
5. MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 5 POUNDS FOR EXTERIOR DOORS AND 5 POUNDS FOR INTERIOR DOORS, SUCH PULL OR PUSH EFFORT BEING APPLIED AT RIGHT ANGLES TO HINGED DOORS AND AT THE CENTER PLANE OF SLIDING OR FOLDING DOORS. COMPENSATING DEVICES OR AUTOMATIC DOOR OPERATORS MAY BE UTILIZED TO MEET THE ABOVE STANDARDS. WHEN FIRE DOORS ARE REQUIRED, THE MAXIMUM EFFORT TO OPERATE THE DOOR MAY BE INCREASED TO THE MINIMUM ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY, NOT TO EXCEED 15 POUNDS. (CBC SECTION 11B-404.2.9)
6. THE BOTTOM 10 INCHES OF ALL DOORS EXCEPT AUTOMATIC AND SLIDING SHALL HAVE A SMOOTH, UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION. WHERE NARROW FRAME DOORS ARE USED, A 10-INCH HIGH SMOOTH PANEL SHALL BE INSTALLED ON THE PUSH SIDE OF THE DOOR, WHICH WILL ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION. (CBC SECTION 11B-404.2.10)
7. FOR HINGED DOORS, THE OPENING WIDTH SHALL BE MEASURED WITH THE DOOR POSITIONED AT AN ANGLE OF 90 DEGREES FROM ITS CLOSED POSITION. AT LEAST ONE OF A PAIR OF DOORS SHALL MEET THIS OPENING WIDTH REQUIREMENT. (CBC SECTION 11B-404.2.2 & 11B-404.2.3)
8. MANUALLY OPERATED EDGE OR SURFACE MOUNTED FLUSH BOLTS ARE NOT ALLOWED. WHEN EXIT DOORS ARE USED IN PAIRS AND APPROVED FLUSH BOLTS ARE USED, THE DOOR LEAF HAVING THE AUTOMATIC FLUSH BOLTS SHALL HAVE NO DOOR KNOB OR SURFACE-MOUNTED HARDWARE. THE UNLATCHING OF ANY LEAF SHALL NOT REQUIRE MORE THAN ONE OPERATION.
9. THERE SHALL BE A LEVEL AND CLEAR FLOOR OR LANDING ON EACH SIDE OF A DOOR. THE LEVEL AREA SHALL HAVE A LENGTH IN THE DIRECTION OF DOOR SWING OF A LEAST 60 INCHES AND THE LENGTH OPPOSITE THE DIRECTION OF THE DOOR SWING OF 48 INCHES AS MEASURED AT RIGHT ANGLES TO THE PLANE OF THE DOOR IN ITS CLOSED POSITION.
10. THE WIDTH OF THE LEVEL AREA ON THE SIDE TO WHICH THE DOOR SWINGS SHALL EXTEND 24 INCHES PAST THE STRIKE EDGE OF THE DOOR FOR EXTERIOR DOORS AND 18 INCHES PAST THE STRIKE EDGE FOR INTERIOR DOORS. THE WIDTH OF THE AREA ON THE SIDE OPPOSITE THE SWING SHALL EXTEND 12 INCHES PAST THE STRIKE EDGE OF THE DOOR WHEN THE DOOR IS EQUIPPED WITH BOTH A CLOSER AND A LATCHSET.
11. ABRUPT CHANGES IN LEVEL ALONG ANY ACCESSIBLE ROUTE SHALL NOT EXCEED 1/2 INCH. WHEN CHANGES IN LEVEL DO OCCUR, THEY SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2 EXCEPT THAT LEVEL CHANGES NOT EXCEEDING 1/4 INCH MAY BE VERTICAL. WHEN CHANGES IN LEVELS GREATER THAN 1/2 INCH ARE NECESSARY THEY SHALL COMPLY WITH THE REQUIREMENTS
12. FOR RAMPS. MINIMUM WIDTH SHALL BE 48".
13. SIDE REACH MOUNTING HEIGHTS: IF THE CLEAR FLOOR SPACE ALLOWS PARALLEL APPROACH BY A PERSON IN A WHEELCHAIR, THE MAXIMUM HEIGHT FOR HIGH SIDE REACH SHALL BE 44 INCHES AND THE LOW SIDE REACH SHALL BE 15 INCHES ABOVE THE FINISHED FLOOR.
14. FORWARD REACH MOUNTING HEIGHTS: IF THE CLEAR SPACE ONLY ALLOWS FORWARD APPROACH BY A PERSON IN A WHEELCHAIR, THE MAXIMUM HEIGHT FOR HIGH SIDE REACH SHALL BE 48 INCHES AND THE LOW SIDE REACH SHALL BE 15 INCHES ABOVE THE FINISHED FLOOR.
15. DOORS LEADING TO MEN'S SANITARY FACILITIES SHALL BE IDENTIFIED BY AN EQUILATERAL TRIANGLE 1/4" THICK, WITH EDGES 12" LONG AND A VERTEX POINTING UPWARD. WOMEN'S SANITARY FACILITIES SHALL BE IDENTIFIED BY A CIRCLE 1/4" THICK AND 12" IN DIAMETER.
16. UNISEX SANITARY FACILITIES SHALL BE IDENTIFIED BY A CIRCLE 1/4" THICK, 12" DIAMETER, WITH A 1/4" THICK TRIANGLE SUPERIMPOSED ON THE CIRCLE AND WITHIN THE 12" DIAMETER.
17. GEOMETRIC (CIRCLE AND TRIANGLE) SYMBOLS SHALL BE CENTERED ON THE DOOR AT A HEIGHT OF 60" ABOVE FINISHED FLOOR AND THEIR COLOR AND CONTRAST SHALL BE DISTINCTLY DIFFERENT FROM THE COLOR AND CONTRAST OF THE DOOR.
18. ADDITIONAL SIGNAGE REQUIREMENTS: RAISED LETTERS SHALL BE PROVIDED AND SHALL BE ACCOMPANIED BY BRAILLE IN CONFORMANCE WITH SECTION 11B-703. THEY SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH OUTSIDE OF THE DOOR. WHERE THERE IS NO WALL SPACE ON THE LATCH SIDE, INCLUDING DOUBLE LEAF DOORS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL AND SIGNS SHALL BE MOUNTED 48" MINIMUM ABOVE FINISH FLOOR, MEASURED FROM THE BASELINE OF THE LOWEST LINE OF BRAILLE AND 60" MAXIMUM ABOVE THE FINISH FLOOR, MEASURED FROM THE BASELINE OF THE HIGHEST LINE OF RAISED CHARACTERS. CBC 11B-703.4.1

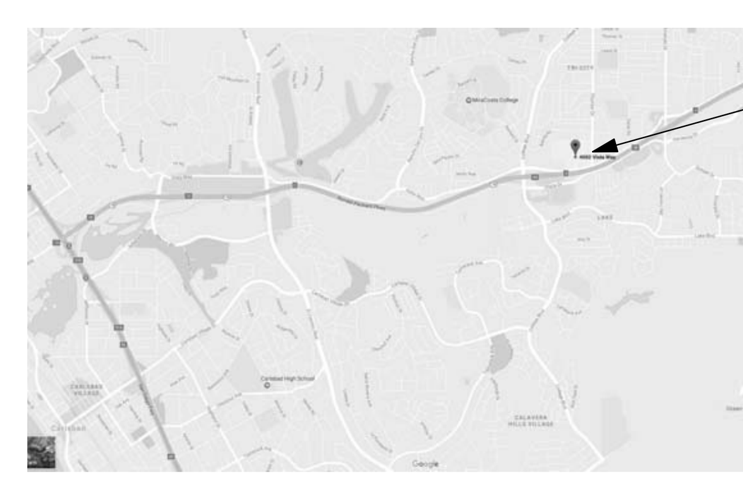
GENERAL NOTES

1. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR CHECKING CONTRACT DOCUMENTS, FIELD CONDITIONS AND DIMENSIONS FOR ACCURACY, AND CONFIRMING THAT WORK IS BUILDABLE AS SHOWN BEFORE PROCEEDING WITH CONSTRUCTION. IF THERE ARE ANY QUESTIONS REGARDING THESE OR OTHER COORDINATION ISSUES, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR OBTAINING A CLARIFICATION FROM THE OWNERS' REPRESENTATIVE BEFORE PROCEEDING WITH WORK IN QUESTION OR RELATED WORK.
2. THE GENERAL CONTRACTOR SHALL INFORM THE OWNERS' REPRESENTATIVE, PRIOR TO CONSTRUCTION, OF ANY CONFLICTS THAT EXIST IN ANY AND ALL MECHANICAL, TELEPHONE, ELECTRICAL, LIGHTING, PLUMBING AND SPRINKLER EQUIPMENT LOCATIONS INCLUDING ALL PIPING, DUCTWORK AND CONDUIT, AND INSURE THAT ALL REQUIRED CLEARANCES FOR INSTALLATION AND MAINTENANCE ARE PROVIDED.
3. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL WORK AND MATERIALS IN ACCORDANCE WITH ALL CODES AND REQUIREMENTS OF STATE AND LOCAL REGULATORY AGENCIES.
4. ALL WORK NOT SPECIFICALLY COVERED IN THE CONTRACT DOCUMENTS SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH CONSTRUCTION INDUSTRY STANDARDS.
5. DRAWINGS, THOUGH NOTED TO SCALE, ARE DIAGRAMMATICAL. DO NOT SCALE DRAWINGS.
6. ALL HEIGHTS ARE DIMENSIONED FROM TOP OF SLAB UNLESS OTHERWISE NOTED.
7. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR DOCUMENTING ALL CHANGES TO THE CONSTRUCTION DOCUMENTS, NO MATTER HOW MINOR, FOR AS-BUILT RECORD DOCUMENTS. THESE DOCUMENTS ARE TO BE GIVEN TO THE OWNERS' REPRESENTATIVE WITHIN 2 WEEKS AFTER FINAL COMPLETION.
8. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL UTILITIES INDICATED ON THE INTERIOR ELEVATIONS WITH THE ELECTRICAL AND PLUMBING SUBCONTRACTORS.
9. IN THE CASE OF CONFLICTS OR AMBIGUITIES NOT CLARIFIED PRIOR TO THE BIDDING DEADLINE, USE THE MOST COSTLY ALTERNATIVE (BETTER QUALITY, GREATER QUANTITY AND LARGER SIZE) IN PREPARING THE BID. A CLARIFICATION WILL BE ISSUED TO THE SUCCESSFUL BIDDER AS SOON AS FEASIBLE AFTER THE AWARD AND, IF APPROPRIATE, A DEDUCTIVE CHANGE ORDER WILL BE ISSUED.
10. ALL PENETRATIONS THROUGH FIRE RESISTIVE PARTITION AND SLAB, INCLUDING CONDUITS AND PIPING, SHALL BE CONSTRUCTED TO MEET APPROVED U.L. SYSTEM.
11. ALL PENETRATIONS INTO SOUND RATED PARTITIONS, INSULATED PARTITIONS OR CEILING ASSEMBLIES SHALL BE SEALED WITH APPROVED PERMANENT RESILIENT SEALANT. OR OTHERWISE TREATED TO MAINTAIN INTEGRITY OF THE ACOUSTICAL ASSEMBLY.
12. CONTRACTOR TO PREVENT GALVANIC ACTION AND OTHER FORMS OF CORROSION BY INSULATING METALS AND OTHER MATERIALS FROM DIRECT CONTACT WITH INCOMPATIBLE MATERIALS.
13. THE CONTRACTOR SHALL PERFORM ALL CUTTING, PATCHING, AND FINISHING NECESSARY TO RESTORE THE ORIGINAL CONDITION OF THE BUILDING TO ALL EXISTING PORTIONS OF THE BUILDING AFFECTED BY HIS WORK, TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.
14. WHEN INSTALLING DRILLED-IN ANCHORS AND OR POWER DRIVEN PINS IN EXISTING NON-PRESTRESSED REINFORCED CONCRETE, USE CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE EXISTING REINFORCING STEEL. MAINTAIN A MINIMUM CLEARANCE OF ONE INCH BETWEEN THE REINFORCEMENT STEEL AND THE DRILLED-IN ANCHOR AND OR PIN.
15. THE CONTRACTOR SHALL COORDINATE ALL PHASING, ACCESS, DEBRIS, STAGING AREAS, AND HOURS OF CONSTRUCTION WITH OWNERS PRIOR TO START OF CONSTRUCTION.
16. CONTRACTOR TO PROVIDE REQUIRED DUST AND INFECTION CONTROL PROTECTION SYSTEM. MEANS AND METHODS TO BE COORDINATED WITH OWNER.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SECURITY OF THE AREA OF THE PROJECT WORK AND SHALL ALSO BE RESPONSIBLE FOR THE DISCIPLINE OF ALL CONSTRUCTION WORKERS ON THE PROJECT.
18. THE GENERAL CONTRACTOR SHALL COORDINATE WITH STRUCTURAL, MEP, FIRE ALARM, FIRE PROTECTION, NURSE CALL, INTERIORS AND EQUIPMENT DRAWINGS PRIOR TO STARTING CONSTRUCTION. THE PROJECT MANUAL AND ALL DRAWINGS IN THE CONSTRUCTION DRAWINGS SHALL BE PART OF THE CONSTRUCTION DOCUMENTS.
19. THE GENERAL CONTRACTOR SHALL SEPARATE DISSIMILAR METALS WITH BUILDING PAPER OR PLASTIC SHIM.
20. THE GENERAL CONTRACTOR SHALL X-RAY AND/OR ULTRASOUND THE EXISTING CONCRETE FLOORS AND STRUCTURAL SLAB ABOVE ANY POSSIBLE EMBEDDED CONDUITS, STRUCTURAL REBAR UNFORESEEN CONDITION THAT IS OUTSIDE THE SCOPE OF WORK AND MIGHT IMPEDE THE ANCHORING OF EQUIPMENT OR CONFLICT WITH TRENCHING PRIOR TO CONSTRUCTION.
21. CONTRACTOR STAGING TO BE IN THE ROOMS UNDER REMODEL.
22. CONTRACTOR PARKING TO BE IN CONTRACTOR DESIGNATED PARKING AREA.
23. THE CONTRACTOR SHALL ENSURE THAT THE AREA UNDER REMODEL IS LOCKED AND OTHERWISE SECURED AFTER HOURS.
24. THE GENERAL CONTRACTOR IS RESPONSIBLE TO CUT & PATCH TO MATCH ALL EXISTING PARTITIONS WHERE NEW FIRE ALARM AND ELECTRICAL DEVICES ARE REQUIRED AS SPECIFIED IN THE FIRE ALARM DRAWINGS.
25. CONTRACTOR TO INCLUDE AN ALLOWANCE TO FURNISH AND APPLY CRETESEAL 2000 CONCRETE SEALER OR APPROVED EQUAL ON SLAB ON GRADE.

OSHPD INTENT STATEMENT

THE INTENT OF THE DRAWINGS AND SPECIFICATIONS IS TO BUILD IN ACCORDANCE WITH THE 2016 EDITION OF TITLES 24 & 19 OF THE CALIFORNIA CODE OF REGULATIONS. SHOULD ANY CONDITION OCCUR NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH SAID CODES, A CHANGE ORDER DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY OSHPD PRIOR TO PROCEEDING WITH THE WORK.

VICINITY MAP:



PROJECT SITE

4002 VISTA WAY
OCEANSIDE, CA 92056

NORTH

DEFERRED APPROVAL

INDEX OF DRAWINGS:

PROJECT INFORMATION:

SCOPE OF WORK:

EXISTING PHYSICIANS LOUNGE & STAFF LOUNGE ROOM:

RENOVATE EXISTING PHYSICIANS LOUNGE TO REPLACE FINISHES, CABINETS, SINK AND ADD TV CABINET.

TOTAL AREA: 490 SQ. FT.

BUILDING DESCRIPTION:	CONSTRUCTION CLASSIFICATION:
NUMBER OF STORIES: 4 STORIES	SEISMIC ZONE 4
OCCUPANCY GROUP: 1-2	3HR STRUCTURAL FRAME
TYPE OF CONSTRUCTION: I-A	2HR FLOOR-CEILING/ROOF
FIRE ZONE: 3	1 1/2 HR ROOF
FIRE SPRINKLERS: NO	

APPLICABLE CODES AND REGULATIONS:

2016 CALIFORNIA ADMINISTRATIVE CODE (CAC) (PART 1, TITLE 24, CCR)

2016 CALIFORNIA BUILDING CODE (CBC) (PART 2, TITLE 24, CCR)
BASED ON THE 2012 INTERNATIONAL BUIDING CODE (IBC)

2016 CALIFORNIA ELECTRIC CODE (CEC) (PART 3, TITLE 24, CCR)
BASED ON THE 2011 NATIONAL ELECTRICAL CODE (NEC)

2016 CALIFORNIA MECHANICAL CODE (CMC) (PART 4, TITLE 24, CCR)
BASED ON THE 2012 UNIFORM MECHANICAL CODE (UMC)

2016 CALIFORNIA PLUMBING CODE (CPC) (PART 5, TITLE 24, CCR)
BASED ON THE 2012 UNIFORM PLUMBING CODE CODE (UPC)

2016 CALIFORNIA FIRE CODE (CFC) (PART 9, TITLE 24, CCR)
BASED ON THE 2012 INTERNATIONAL FIRE CODE (IFC)

OSHPD APPROVAL:

APPLICATION NUMBER: S170837-37-00

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TCMC PHYSICIANS LOUNGE

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OCEANSIDE, CALIFORNIA 92056

OWNER: TRI-CITY MEDICAL CENTER
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INTERIOR: ISLEY DESIGN + PLANNING
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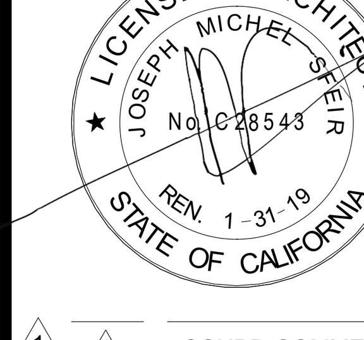


REV:	DESCRIPTION:	DATE:
1	OSHPD COMMENTS	05/21/2017
2	OSHPD COMMENTS	08/21/2017

CONSULTANT

OSHPD APPROVAL STAMP:
OSHPD #: S170837-37-00

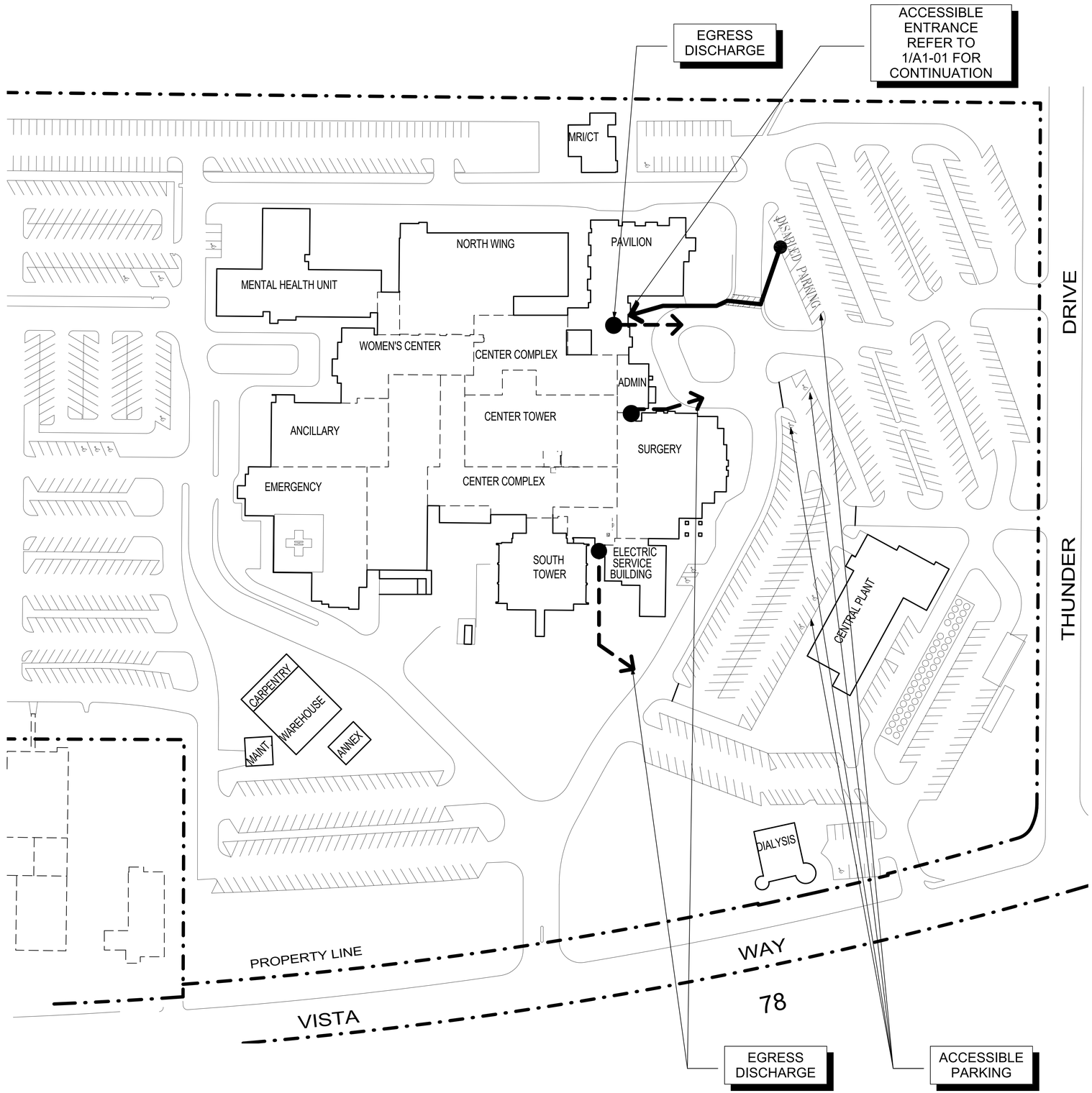
SHEET TITLE:
PROJECT INFORMATION

PROJECT TITLE:
TCMC PHYSICIANS LOUNGE

PROJECT #: 01657.00
DRAWN BY: JAR
CHECKED BY: JMS
SCALE: As indicated
DATE: 04/07/2017

SHEET NUMBER:
A0-00

100% CONSTRUCTION DOCUMENTS



1 SITE PLAN
1" = 60'-0"

GENERAL NOTES:

1. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
2. REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.

PARTITION LEGEND:

- ACCESSIBLE PATH OF TRAVEL.
- EGRESS PATH OF TRAVEL.
- ONE-HOUR RATED TUNNEL CORRIDOR.
- INDICATES AN EXISTING MEMBRANE OF PARTITION OR PARTITION TO BE REMOVED. REFER TO DEMOLITION PLAN FOR FURTHER REQUIREMENTS.
- INDICATES AN EXISTING PARTITION TO REMAIN. REFER TO PLAN FOR UPGRADE REQUIREMENTS.
- INDICATES AN EXISTING ONE HOUR FIRE RATED PARTITION, TO REMAIN. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
- INDICATES AN EXISTING TWO HOUR FIRE RATED PARTITION TO REMAIN, ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
- S M S M — INDICATES AN EXISTING SMOKE BARRIER
- THICK LINE INDICATES NEW SURFACE FINISH.
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PARTITION NOTES:

1. ALL DIMENSIONS SHOWN ARE TO FINISHED FACE OF GYP. BOARD, TYPICAL U.O.N. REFER TO SHEET A5-00 FOR GENERAL NOTES AND REQUIREMENTS FOR PARTITIONS.
2. EXISTING WALLS WERE CONSTRUCTED WITH MANY PERMITS AND/OR CONTRACTS. FIELD VERIFY CONSTRUCTION AND WIDTH PRIOR TO FABRICATION OF DOOR FRAMES OR COMPONENTS WHICH REQUIRE THE WIDTH OF WALL TO BE SET.

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LICENSED ARCHITECT
JOSEPH MICHEL SFEIR
No. C-26543
REN. 1-31-19
STATE OF CALIFORNIA

REV:	DESCRIPTION:	DATE:
1	1 OSHPD COMMENTS	05/21/2017
2	2 OSHPD COMMENTS	08/21/2017

CONSULTANT:

OSHPD APPROVAL STAMP:
OSHPD #: S170837-37-00

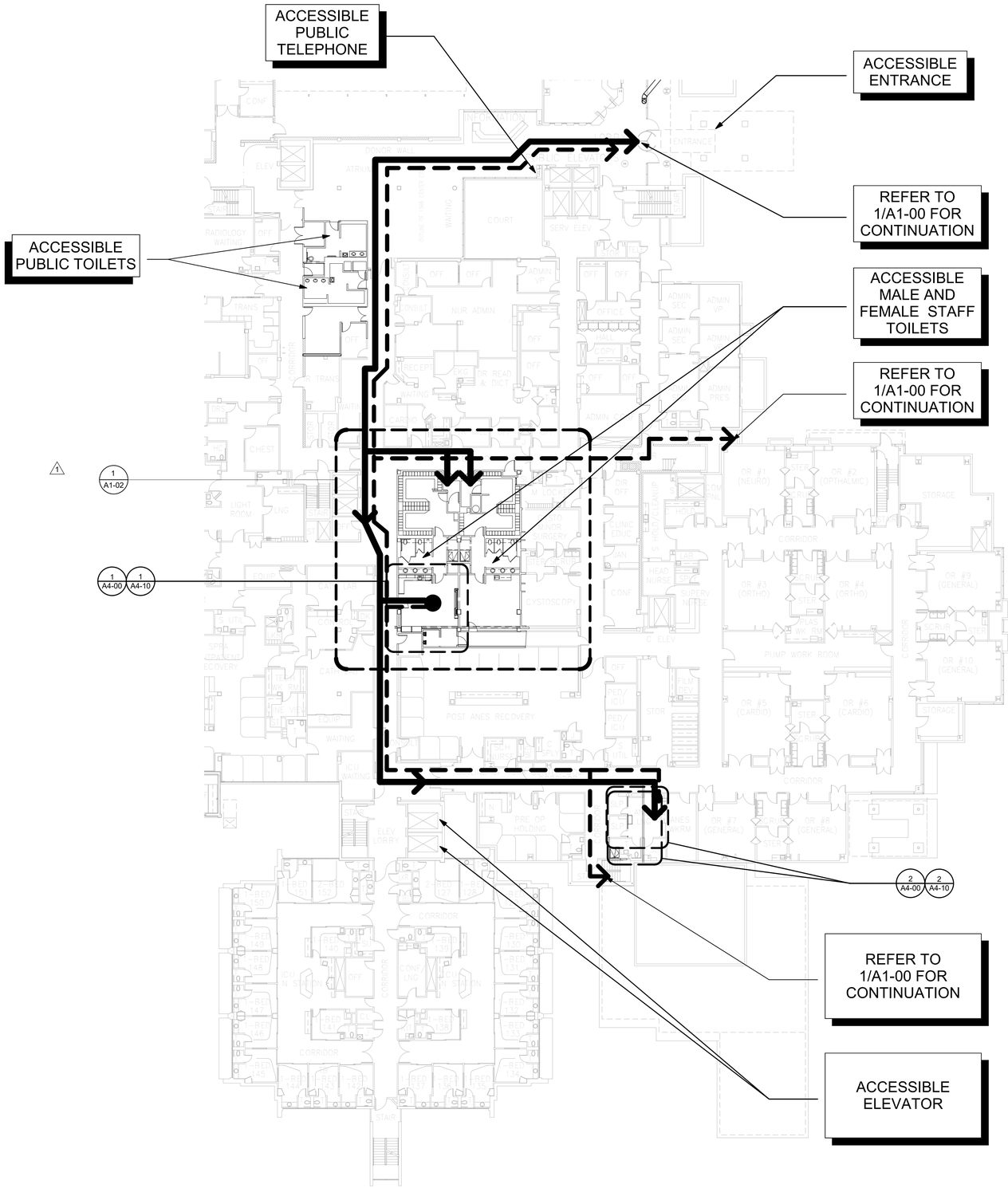
SHEET TITLE:
SITE - ZONING - CODE

PROJECT TITLE:
TCMC PHYSICIANS LOUNGE

PROJECT #: 01657.00
DRAWN BY: MC
CHECKED BY: JMS
SCALE: As indicated
DATE: 04/07/2017

SHEET NUMBER:
A1-00

100% CONSTRUCTION DOCUMENTS



GENERAL NOTES:

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PARTITION LEGEND:

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- EGRESS PATH OF TRAVEL.
- ONE-HOUR RATED TUNNEL CORRIDOR.
- INDICATES AN EXISTING MEMBRANE OF PARTITION OR PARTITION TO BE REMOVED. REFER TO DEMOLITION PLAN FOR FURTHER REQUIREMENTS.
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PARTITION NOTES:

1. ALL DIMENSIONS SHOWN ARE TO FINISHED FACE OF GYP. BOARD, TYPICAL U.O.N. REFER TO SHEET A5-00 FOR GENERAL NOTES AND REQUIREMENTS FOR PARTITIONS.
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1 CODE COMPLIANCE PARTIAL FLOOR PLAN
1" = 20'-0"

NORTH

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LICENSED ARCHITECT
JOSEPH MICHEL SFEIR
No. C28543
REN. 1-31-19
STATE OF CALIFORNIA

REV:	DESCRIPTION:	DATE:
1	1 OSHPD COMMENTS	05/21/2017
2	2 OSHPD COMMENTS	08/21/2017

CONSULTANT:

OSHPD APPROVAL STAMP:
OSHPD #: S170837-37-00

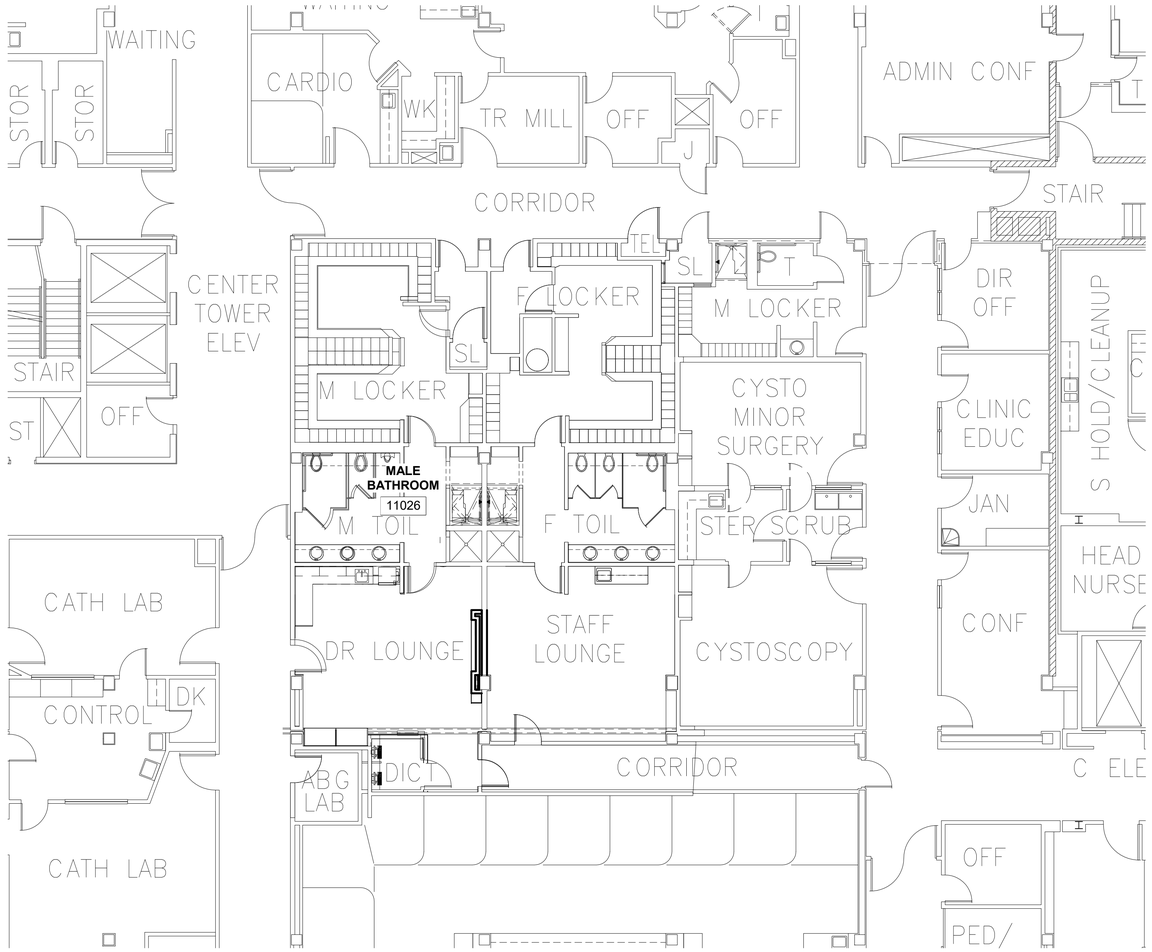
SHEET TITLE:
CODE COMPLIANCE PARTIAL FLOOR PLAN

PROJECT TITLE:
TCMC PHYSICIANS LOUNGE

PROJECT #: 01657.00
DRAWN BY:
CHECKED BY: JMS
SCALE: As indicated
DATE: 04/07/2017

SHEET NUMBER: A1-01

100% CONSTRUCTION DOCUMENTS



1 PROJECT ADJACENCIES FIRST
1/8" = 1'-0"

GENERAL NOTES:

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PARTITION NOTES:

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REV:	DESCRIPTION:	DATE:
1	1 OSHPD COMMENTS	05/21/2017
2	2 OSHPD COMMENTS	08/21/2017

CONSULTANT

OSHPD APPROVAL STAMP:
OSHPD #: S170837-37-00

SHEET TITLE:
PROJECT ADJACENCIES FIRST

PROJECT TITLE:
TCMC PHYSICIANS LOUNGE

PROJECT #: 01657.00
DRAWN BY: Author
CHECKED BY: Checker
SCALE: As indicated
DATE: 04/07/2017

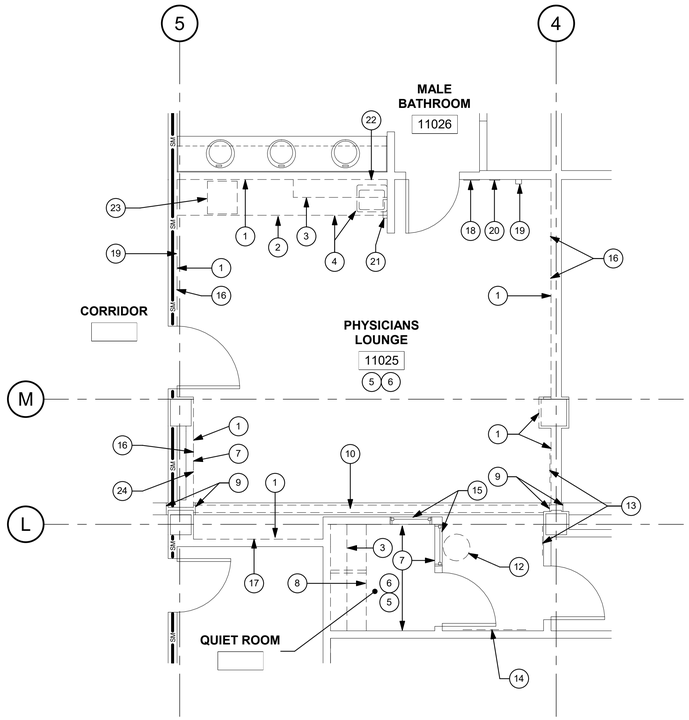
SHEET NUMBER: A1-02

1

100% CONSTRUCTION DOCUMENTS

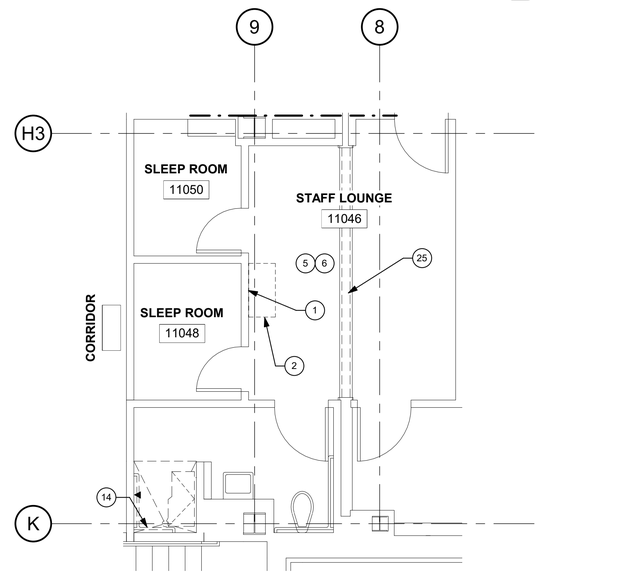
PHYS. LOUNGE & ANEST. DEMO KEYNOTES:

1. REMOVE EXISTING GYPSUM WALL BOARD.
2. REMOVE EXISTING BASE CABINET.
3. REMOVE EXISTING OVERHEAD CABINET.
4. REMOVE EXISTING COUNTERTOP, BACKSPLASH AND INTEGRAL SINK.
5. PREPARE EXISTING WALLS FOR REPAINTING.
6. REMOVE EXISTING FLOOR FINISH AND BASE.
7. REMOVE EXISTING WAINSCOT HEIGHT METAL WALL PANELING AND PREPARE FOR NEW PAINT FINISH.
8. REMOVE EXISTING COUNTERTOP AND BACKSPLASH.
9. EXISTING EXPANSION WALL JOINT COVER TO REMAIN. PROTECT IN PLACE.
10. REMOVE EXISTING EXPANSION JOINT INFILL.
11. REMOVE EXISTING FURRED WALL AROUND EXISTING COLUM. PROTECT COLUMN IN PLACE.
12. REMOVE EXISTING PLANT. RETURN TO OWNER.
13. REMOVE AND RELOCATE EXISTING COAT HANGERS. REFER TO ELEVATIONS.
14. REMOVE EXISTING TACK BOARD. RETURN TO OWNER.
15. EXISTING WINDOW AND FRAME TO REMAIN. PROTECT IN PLACE DURING CONSTRUCTION.
16. REMOVE EXISTING PICTURE FRAME. RETURN TO OWNER.
17. REMOVE AND RELOCATE EXISTING WALL MOUNTED CLOCK.
18. EXISTING BATHROOM SIGN TO REMAIN. PROTECT IN PLACE DURING CONSTRUCTION.
19. REMOVE AND REPLACE EXISTING WALL MOUNTED TELEPHONE.
20. EXISTING NURSE CALL TO REMAIN. PROTECT IN PLACE DURNIG CONSTRUCTION.
21. REMOVE EXISTING WALL MOUNTED NAPKIN DISPENSER.
22. REMOVE EXISTING WALL MOUNTED HAND SANITIZER AND SOAP DISPENSER.
23. REMOVE EXISTING MINI FRIDGE. RETURN TO OWNER.
24. REMOVE EXISTING WALL MOUNTED MAGAZINE RACK. RETURN TO OWNER.
25. EXISTING EXPANSION JOINT.



1 PARTIAL FLOOR PLAN - DEMOLITION
1/4" = 1'-0"

NORTH



2 ANESTHESIA PARTIAL FLOOR PLAN - DEMOLITION
1/4" = 1'-0"

NORTH

GENERAL NOTES:

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2. REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.

DEMOLITION GENERAL NOTES:

1. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING DEMOLITION.
2. THE GENERAL CONTRACTOR SHALL COORDINATE ALL PHASING, ACCESS, DEBRIS REMOVAL, STAGING AREAS AND HOURS OF CONSTRUCTION WITH OWNER PRIOR TO START OF DEMOLITION.
3. THE GENERAL CONTRACTOR SHALL COORDINATE WITH STRUCTURAL, MEP, FIRE ALARM, FIRE PROTECTION, NURSE CALL, INTERIORS AND EQUIPMENT DRAWINGS PRIOR TO STARTING DEMOLITION. THE PROJECT MANUAL AND ALL DRAWINGS IN THE CONSTRUCTION DRAWINGS SHALL BE PART OF THE CONSTRUCTION DOCUMENTS.
4. THE GENERAL CONTRACTOR SHALL SEPARATE DISSIMILAR METALS WITH BUILDING PAPER OR PLASTIC SHIM.
5. THE GENERAL CONTRACTOR SHALL X-RAY AND/OR ULTRASOUND THE EXISTING CONCRETE FLOORS AND FLOOR ABOVE FOR ANY POSSIBLE EMBEDDED CONDUITS, STRUCTURAL REBAR OR UNFORESEEN CONDITION THAT MIGHT IMPEDE THE ANCHORING OF EQUIPMENT OR CONFLICT WITH CORE DRILLING PRIOR TO START OF CONSTRUCTION.
6. REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.
7. CONTRACTOR STAGING TO BE IN THE ROOMS UNDER REMODEL.
8. CONTRACTOR PARKING TO BE IN CONTRACTOR DESIGNATED PARKING AREA.
9. THE CONTRACTOR SHALL ENSURE THAT THE AREA UNDER REMODEL IS LOCKED AND OTHERWISE SECURED AFTER HOURS.
10. UNLESS OTHERWISE NOTED, CONTRACTOR SHALL COORDINATE WITH THE OWNER THE REMOVAL OF EXISTING EQUIPMENT INDICATED ON DRAWINGS.
11. DASHED LINES INDICATE ITEMS TO BE DEMOLISHED OR REMOVED. REFER TO FLOOR PLAN, CEILING PLAN AND ROOM FINISH SCHEDULE ALONG WITH MECHANICAL, PLUMBING, ELECTRICAL, FIRE PROTECTION, AND FIRE ALARM SECTIONS FOR FURTHER DESCRIPTION OF SCOPE OF WORK.
12. REFER TO DEMOLITION PLAN FOR NOTES INDICATING TYPE OF FINISHES WITHIN THE EXISTING SPACE TO BE REMOVED.
13. REFER TO RELATED PLANS FOR PORTIONS OF EXISTING CONSTRUCTION SCHEDULED TO REMAIN.
14. PATCH NEW WORK TO MATCH AND ALIGN WITH THE EXISTING. COMPLETELY REMOVE EXISTING FINISHES WHERE NEW FINISHES ARE SCHEDULED.
15. CONTRACTOR SHALL PRESERVE AND PROTECT THE EXISTING AREA, EQUIPMENT, CABINETRY ETC. ADJACENT TO THE AREA OF WORK
16. REFER TO NEW PLAN AND INTERIOR ELEVATIONS FOR LOCATION OF NEW WALL CONNECTIONS, OPENINGS, RECESSED ITEMS, BACKING PLATES, ETC. AT EXISTING WALLS. REMOVE GYPSUM BOARD WHERE NEEDED TO ACCOMODATE FOR THE ABOVE WORK.
17. CAP AND CLOSE ALL ABANDONED OPENINGS AT EXISTING SLAB. FILL AND PATCH TO LEVEL FLOOR. REFER TO STRUCTURAL DETAIL FOR INFILL OPENING DETAIL. NOTE THAT THE NUMBER OF EXISTING OPENINGS TO BE FILLED IS ONLY INDICATIVE, REFER TO MEP FOR MORE INFORMATION. NOTIFY ARCHITECT OF UNCOVERED EXISTING CONDITIONS.
18. CONTRACTOR SHALL PRESERVE AND PROTECT THE PORTIONS OF THE EXISTING OVERHEAD PAGING, TELEPHONE, DATA AND ELECTRICAL LINES DURING THE COURSE OF CONSTRUCTION. MANY OF THE SYSTEMS ARE SCHEDULED FOR REUSE BY THE OWNER UNDER THIS OR SEPERATE CONTRACTS.
19. GENERAL CONTRACTOR TO PROVIDE NEGATIVE PRESSURE IN EACH PHASE AND FILTER THE AIR WITH HEPA FILTRATION AND EXHAUST FILTER AIR THROUGH EXTERIOR WINDOWS. G.C. TO SECURE AN INFECTION CONTROL PERMIT FROM TRI CITY MEDICAL CENTER PRIOR TO STARTING CONSTRUCTION.

PARTITION LEGEND:

- ACCESSIBLE PATH OF TRAVEL.
- EGRESS PATH OF TRAVEL.
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- INDICATES A NEW ONE HOUR FIRE RATED PARTITION EXTENDING TO THE UNDERSIDE OF THE STRUCTURE ABOVE. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L. LISTED FIRE STOP SYSTEM.
- INDICATES A NEW TWO HOUR FIRE RATED SMOKE BARRIER PARTITION EXTENDING TO THE UNDERSIDE OF THE STRUCTURE ABOVE. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
- INDICATES AN EXISTING STRUCTURAL CONCRETE WALL TO REMAIN. LOCATE REINFORCING STEEL AND OBTAIN APPROVAL FROM STRUCTURAL ENGINEER PRIOR TO CORING AND/ OR CUTTING.

PARTITION NOTES:

1. ALL DIMENSIONS SHOWN ARE TO FINISHED FACE OF GYP. BOARD, TYPICAL U.O.N. REFER TO SHEET A5-00 FOR GENERAL NOTES AND REQUIREMENTS FOR PARTITIONS.
2. EXISTING WALLS WERE CONSTRUCTED WITH MANY PERMITS AND/OR CONTRACTS. FIELD VERIFY CONSTRUCTION AND WIDTH PRIOR TO FABRICATION OF DOOR FRAMES OR COMPONENTS WHICH REQUIRE THE WIDTH OF WALL TO BE SET.

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A R C H I T E C T S

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LICENSED ARCHITECT
JOSEPH MICHEL SFEIR
No. C 28543
REN. 1-31-19
STATE OF CALIFORNIA

REV:	DESCRIPTION:	DATE:
1	1 OSHPD COMMENTS	05/21/2017
2	2 OSHPD COMMENTS	08/21/2017

CONSULTANT

OSHPD APPROVAL STAMP:
OSHPD #: S170837-37-00

SHEET TITLE:
1/4" PARTIAL FLOOR PLAN - DEMOLITION

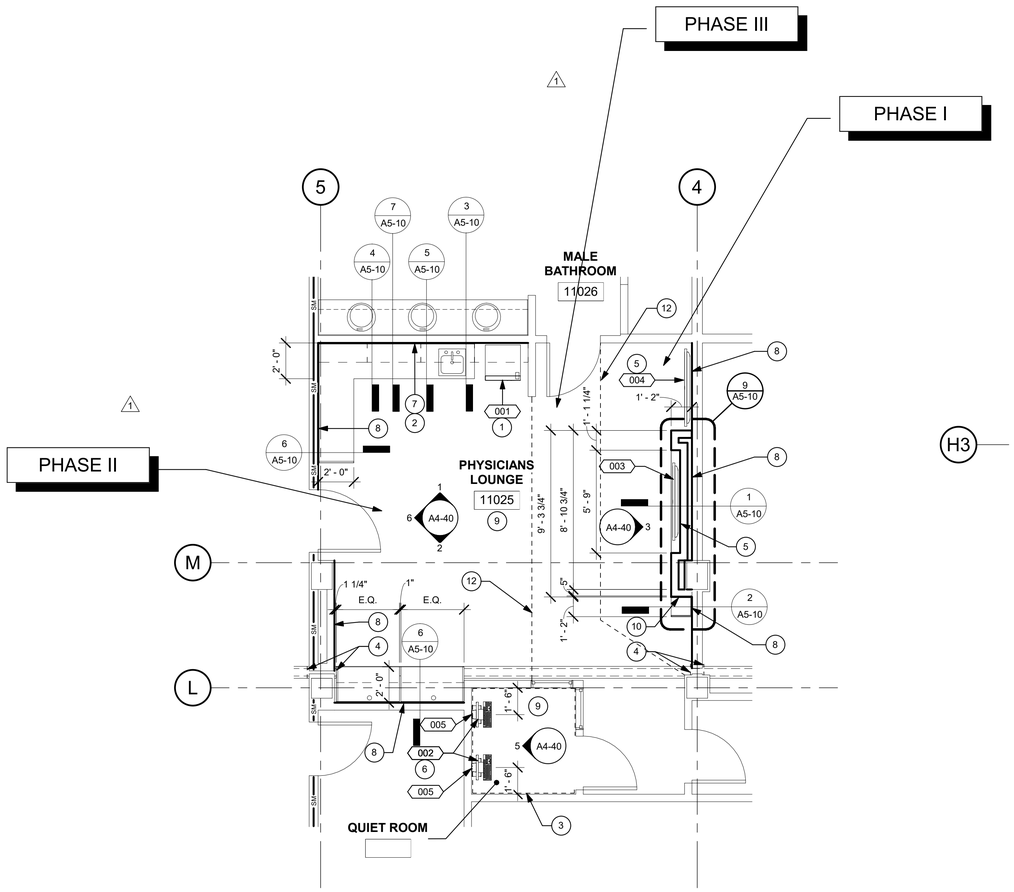
PROJECT TITLE:
TCMC PHYSICIANS LOUNGE

PROJECT #: 01657.00
DRAWN BY: Author
CHECKED BY: Checker
SCALE: As Indicated
DATE: 04/07/2017

SHEET NUMBER:
A4-00

100% CONSTRUCTION DOCUMENTS

EQUIPMENT SCHEDULE											
EQUIP. NUMBER	DESCRIPTION	WEIGHT	HEIGHT	WIDTH	DEPTH	EXIST.	NEW	OFOI	OFCI	CFCI	QUANTITY
001	FULL HEIGHT REFRIDGERATOR	800 lbs.	5' - 9 3/4"	1'-11 1/2"	1' - 11 3/4"		X		X		1
002	WALL MOUNTED MONITOR & KEYBOARD		4' - 0"	1'- 4 3/4"	1' - 1 1/8"		X		X		2
003	TV MONITOR		2' - 8 7/8"	4' - 5"	3 5/8"		X		X		1
004	CASE TRACKING MONITOR		2' - 8 7/8"	4' - 5"	3 5/8"		X		X		1
005	ERGOTRON - WALL MOUNT		3' - 6"	5"	3/4"		X			X	2



1 PARTIAL FLOOR PLAN - RENOVATION
1/4" = 1'-0"

2 ANESTHESIA PARTIAL FLOOR PLAN
1/4" = 1'-0"

PHYSICIANS LOUNGE KEYNOTES:

1. REFER TO DETAIL 6 ON SHEET A5-80.
2. INSTALL BACKING PLATE REF. 4/A5-80 AND PATCH GWB.
3. WALL PROTECTION.
4. EXISTING EXPANSION JOINT TO REMAIN.
5. REFER TO DETAILS 1-4 ON SHEET A5-82.
6. REFER TO DETAIL 5-6 ON SHEET A5-82.
7. INSTALL 5/8" WATER RESISTIVE GWB OVER EXISTING 16 GAGE 3-5/8" STUD AT 16" O.C.
8. INSTALL 5/8" GWB OVER EXISTING 16 GAGE 3-5/8" STUD AT 16" O.C.
9. PRIME & PAINT WALLS, CEILINGS, DOOR FRAMES, WINDOW FRAMES, & DOORS.
10. CONTINUE REVEAL ONTO THIS FACE OF CABINET SIMILAR TO SECTION 1/A5-10.
11. NEW LOWER CABINET.
12. SEAL EXISTING OPENING WITH FIRE RESISTIVE CORRUGATED BOARD- Coroplast® Firewall FRB Class 94V-2.TEMPORARY EXITING PROVISIONS SHALL MEET THE REQUIREMENTS OF OSHPD CAN 9-3301 AND THAT CONSTRUCTION/INFECTION CONTROL BARRIER PLACEMENT SHALL BE COORDINATED WITH OSHPD FIELD FLSO.

GENERAL NOTES:

1. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
2. REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.

GENERAL FLOOR PLAN NOTES:

1. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
2. THE GENERAL CONTRACTOR SHALL COORDINATE ALL PHASING, ACCESS, DEBRIS REMOVAL, STAGING AREAS AND HOURS OF CONSTRUCTION WITH OWNER PRIOR TO START OF CONSTRUCTION.
3. THE GENERAL CONTRACTOR SHALL COORDINATE WITH STRUCTURAL, MEP, FIRE ALARM, FIRE PROTECTION, NURSE CALL, INTERIORS AND EQUIPMENT DRAWINGS PRIOR TO STARTING CONSTRUCTION. THE PROJECT MANUAL AND ALL DRAWINGS IN THE CONSTRUCTION DRAWINGS SHALL BE PART OF THE CONSTRUCTION DOCUMENTS.
4. THE GENERAL CONTRACTOR SHALL SEPARATE DISSIMILAR METALS WITH BUILDING PAPER OR PLASTIC SHIM.
5. THE GENERAL CONTRACTOR SHALL X-RAY AND/OR ULTRASOUND THE EXISTING CONCRETE FLOORS AND FLOOR ABOVE FOR ANY POSSIBLE EMBEDDED CONDUITS, STRUCTURAL REBAR OR UNFORESEEN CONDITION THAT IS OUTSIDE THE SCOPE OF WORK AND MIGHT IMPEDE THE ANCHORING OF EQUIPMENT OR CONFLICT WITH TRENCHING PRIOR TO CONSTRUCTION.
6. REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.
7. CONTRACTOR STAGING TO BE IN THE ROOMS UNDER REMODEL.
8. CONTRACTOR PARKING TO BE IN CONTRACTOR DESIGNATED PARKING AREA.
9. THE CONTRACTOR SHALL ENSURE THAT THE AREA UNDER REMODEL IS LOCKED AND OTHERWISE SECURED AFTER HOURS.
10. VERIFY ALL DIMENSIONS WITH EQUIPMENT SCHEDULE PRIOR TO START OF CONSTRUCTION.
11. REFER TO EQUIPMENT PLAN, CEILING PLAN, INTERIOR ELEVATIONS AND ROOM FINISH SCHEDULE ALONG WITH MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, AND FIRE ALARM SECTIONS FOR FURTHER DESCRIPTION OF SCOPE OF WORK.
12. REFER TO FINISH PLAN AND SCHEDULE AMD INTERIOR DESIGN DOCUMENTS FOR TYPES OF FINISHES.
13. REFER TO SHEETS A1-00 AND A1-01 FOR ACCESSIBILITY REQUIREMENTS.
14. PROVIDE ACOUSTICAL INSULATION IN ALL NEW WALL ASSEMBLIES.
15. THE GENERAL CONTRACTOR SHALL VERIFY THE LEVELNESS OF THE SLAB AT ALL NEW DOOR LOCATIONS PRIOR TO CONSTRUCTION. APPLY LEVELING MATERIAL AS NECESSARY DURING CONSTRUCTION TO ACHIEVE MAX. OF 3/8" CLEARANCE FROM FINISH FLOOR TO UNDERSIDE OF NEW DOOR, REPLACE FINISHES TO MATCH EXISTING AS NEEDED.
16. THE GENERAL CONTRACTOR SHALL SEISMICALLY ANCHOR ALL EXISTING AND NEW BUILDING SYSTEMS ABOVE CEILING INCLUDING BUT NOT LIMITED TO DUCTWORK, ELECTRICAL CONDUITS AND TRAYS, SPRINKLER PIPES, PLUMBING PIPES, ETC. REFER TO A0-00 FOR MORE INFORMATION.

PHASING NOTES:

PHASE I

-INSTALL MILLWORK, ELECTRICAL, DATA AND FINISHES.

PHASE II

-INSTALL MILLWORK, PLUMBING, ELECTRICAL AND FINISHES.

PHASE III

-INSTALL FINISHES.
-GENERAL CONTRACTOR TO ALLOW FOR STAFF PASSAGEWAY BETWEEN LOCKERROOM AND SURGERY

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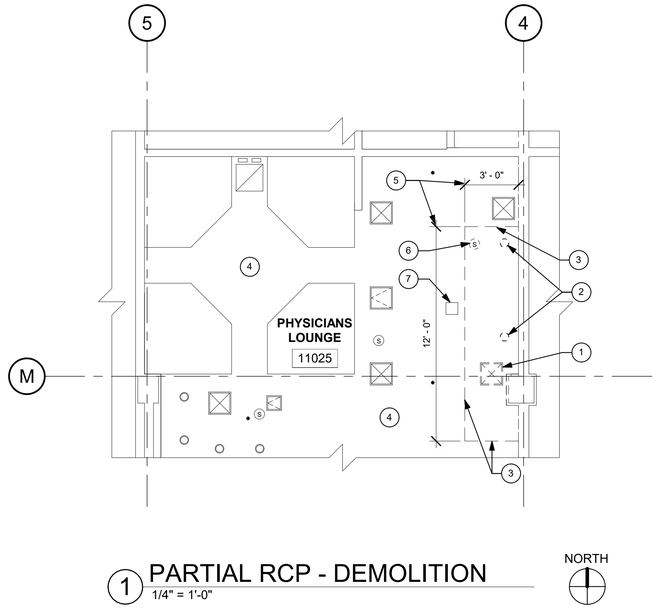
PROJECT TITLE:
TCMC PHYSICIANS LOUNGE

PROJECT #: 01657.00
DRAWN BY: JAR
CHECKED BY: JMS
SCALE: As indicated
DATE: 04/07/2017

SHEET NUMBER: A4-10

100% CONSTRUCTION DOCUMENTS



1 PARTIAL RCP - DEMOLITION
1/4" = 1'-0"

NORTH

RCP DEMOLITION PHYS. LOUNGE KEYNOTES:

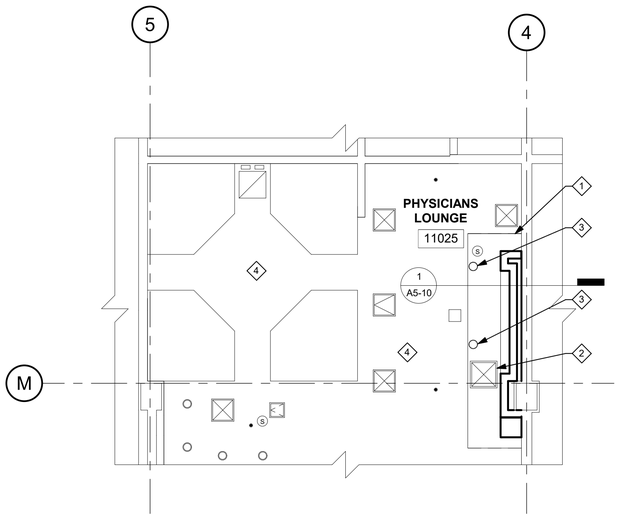
1. RELOCATE EXISTING VENT.
2. RELOCATE EXISTING CAN LIGHT.
3. REMOVE GWB & KEEP CEILING FRAMING.
4. EXISTING CEILING TO REMAIN.
5. EXTENT OF CEILING DEMOLITION.
6. REMOVE AND RELOCATE PAGING SPEAKER.
7. EXISTING CEILING HUNG FIXTURE TO REMAIN. PROTET IN PLACE DURING CONSTRUCTION.

GENERAL NOTES:

1. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
2. REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.

RCP DEMOLITION NOTES:

1. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING DEMOLITION.
2. THE GENERAL CONTRACTOR SHALL COORDINATE ALL PHASING, ACCESS, DEBRIS REMOVAL, STAGING AREAS AND HOURS OF CONSTRUCTION WITH OWNER PRIOR TO START OF DEMOLITION.
3. THE GENERAL CONTRACTOR SHALL COORDINATE WITH STRUCTURAL, MEP, FIRE ALARM, FIRE PROTECTION, NURSE CALL, INTERIORS AND EQUIPMENT DRAWINGS PRIOR TO STARTING DEMOLITION. THE PROJECT MANUAL AND ALL DRAWINGS IN THE CONSTRUCTION DRAWINGS SHALL BE PART OF THE CONSTRUCTION DOCUMENTS.
4. THE GENERAL CONTRACTOR SHALL SEPARATE DISSIMILAR METALS WITH BUILDING PAPER OR PLASTIC SHIM.
5. REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.
6. CONTRACTOR STAGING TO BE IN THE ROOMS UNDER REMODEL.
7. CONTRACTOR PARKING TO BE IN CONTRACTOR DESIGNATED PARKING AREA.
8. THE CONTRACTOR SHALL ENSURE THAT THE AREA UNDER REMODEL IS LOCKED AND OTHERWISE SECURED AFTER HOURS.
9. UNLESS OTHERWISE NOTED, CONTRACTOR SHALL COORDINATE WITH THE OWNER THE REMOVAL OF EXISTING EQUIPMENT INDICATED ON DRAWINGS.
10. DASHED LINES INDICATE ITEMS TO BE DEMOLISHED OR REMOVED. REFER TO CEILING PLAN, ROOM FINISH SCHEDULE ALONG WITH MECHANICAL AND ELECTRICAL SECTIONS FOR FURTHER DESCRIPTION OF SCOPE OF WORK.
11. REFER TO DEMOLITION PLAN FOR NOTES INDICATING TYPE OF FINISHES WITHIN THE EXISTING SPACE TO BE REMOVED.
12. REFER TO RELATED PLANS FOR PORTIONS OF EXISTING CONSTRUCTION SCHEDULED TO REMAIN.
13. PATCH NEW WORK TO MATCH AND ALIGN WITH THE EXISTING. COMPLETELY REMOVE EXISTING FINISHES WHERE NEW FINISHES ARE SCHEDULED.
14. CONTRACTOR SHALL PRESERVE AND PROTECT THE EXISTING OVERHEAD EQUIPMENT, LIGHTING, FIRE ALARM, FIRE SPRINKLER, PAGING, PHONE, DATA, ELECTRICAL LINES, ETC. SCHEDULED TO REMAIN DURING THE COURSE OF DEMOLITION. MANY OF THE SYSTEMS ARE SCHEDULED FOR REUSE BY THE OWNER UNDER THIS OR SEPERATE CONTRACTS.



2 PARTIAL RCP - RENOVATION
1/4" = 1'-0"

NORTH

RCP PARTIAL LVL. 1 PHYS. LOUNGE KEYNOTES:

1. KEEP CEILING FRAMING IN PLACE AND INSTALL NEW GWB.
2. RELOCATED VENT.
3. RELOCATED CAN LIGHT.
4. PRIME AND PAINT.

RCP GENERAL NOTES:

1. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
2. THE GENERAL CONTRACTOR SHALL COORDINATE ALL PHASING, ACCESS, DEBRIS REMOVAL, STAGING AREAS AND HOURS OF CONSTRUCTION WITH OWNER PRIOR TO START OF CONSTRUCTION.
3. THE GENERAL CONTRACTOR SHALL COORDINATE WITH STRUCTURAL, MEP, FIRE ALARM, FIRE PROTECTION, NURSE CALL, INTERIORS AND EQUIPMENT DRAWINGS PRIOR TO STARTING CONSTRUCTION. THE PROJECT MANUAL AND ALL DRAWINGS IN THE CONSTRUCTION DRAWINGS SHALL BE PART OF THE CONSTRUCTION DOCUMENTS.
4. THE GENERAL CONTRACTOR SHALL SEPARATE DISSIMILAR METALS WITH BUILDING PAPER OR PLASTIC SHIM.
5. REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.
6. CONTRACTOR STAGING TO BE IN THE ROOMS UNDER REMODEL.
7. CONTRACTOR PARKING TO BE IN CONTRACTOR DESIGNATED PARKING AREA.
8. THE CONTRACTOR SHALL ENSURE THAT THE AREA UNDER REMODEL IS LOCKED AND OTHERWISE SECURED AFTER HOURS.
9. CEILING HEIGHTS TO MATCH EXISITNG UNLESS OTHERWISE NOTED (NOT LESS THAN 8'-0")
10. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE TYPES.
11. FIRE SPRINKLER HEAD LAYOUT MUST BE APPROVED BY ARCHITECT PRIOR TO INSTALLATION, ALL EXPOSED SPRINKLER HEAD COMPONENTS SHALL BE WHITE.
12. REPLACE ALL GRILLES, DIFFUSERS AND REGISTERS WITH NEW.

MATERIAL LEGEND:

- 2' X 2' ACOUSTICAL CEILING PANEL WITH REGULAR EDGE
- 1' X 1' ACOUSTICAL CEILING TILE
- SUSPENDED GYP. BOARD CEILING
- 2X4 RECESSED LAY-IN FLOURESCENT LIGHT FIXTURE PROVIDE (2) SLACK SAFETY WIRES AT DIAGONAL CORNERS
- 2X2 RECESSED LAY-IN FLOURESCENT LIGHT FIXTURE PROVIDE (2) SLACK SAFETY WIRES AT DIAGONAL CORNERS
- 1'-0" x1' -0" EXAM LIGHT
- RECESSED "CAN" LIGHT PROVIDE (1) SLACK SAFETY WIRE
- RECESSED "CAN" LIGHT DIRECTED TOWARD WALL PROVIDE (1) SLACK SAFETY WIRE
- EXIT SIGN PROVIDE (1) SLACK SAFETY WIRE
- SMOKE DETECTOR EXISTING PROVIDE (1) SLACK SAFETY WIRE
- PAGING SPEAKER PROVIDE (1) SLACK SAFETY WIRE
- 2'-0" RETURN AIR
- RETURN AIR OR EXHAUST PROVIDE (2) SLACK SAFETY WIRES AT DIAGONAL CORNERS
- 3'-0" SUPPLY AIR DIFFUSER
- SUPPLY AIR DIFFUSER PROVIDE (2) SLACK SAFETY WIRES AT DIAGONAL CORNERS
- 2'x2' CEILING ACCESS PANEL
- 1'x1' CEILING ACCESS PANEL
- 1'x1' CEILING EXHAUST
- 1' x 1' CEILING HVAC SUPPLY
- 1' x 1' CEILING HVAC SUPPLY
- 1' x 4' FLOURESCENT CEILING LIGHT
- SPRINKLER
- AUDIBLE NURSE CALL
- DOME LIGHT NURSE CALL
- CHIME STROBE
- CAMERA

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CHECKED BY: JMS
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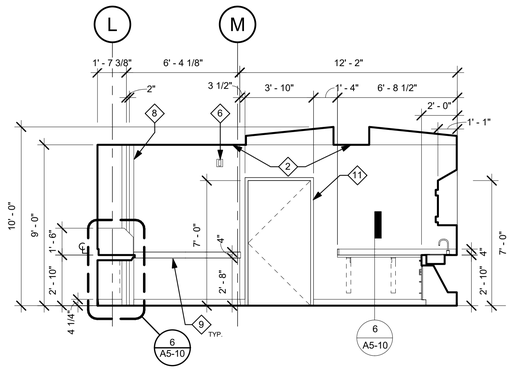
DATE: 04/07/2017

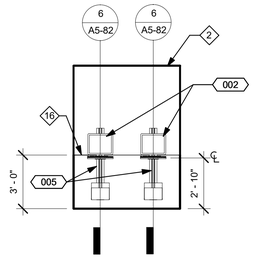
SHEET NUMBER:
A4-20

100% CONSTRUCTION DOCUMENTS

EQUIPMENT SCHEDULE											
EQUIP. NUMBER	DESCRIPTION	WEIGHT	HEIGHT	WIDTH	DEPTH	EXIST.	NEW	OFOI	OFCI	CFCI	QUANTITY
001	FULL HEIGHT REFRIDGERATOR	800 lbs.	5' - 9 3/4"	1'-11 1/2"	1' - 11 3/4"		X		X		1
002	WALL MOUNTED MONITOR & KEYBOARD		4' - 0"	1'- 4 3/4"	1' - 1 1/8"		X		X		2
003	TV MONITOR		2' - 8 7/8"	4' - 5"	3 5/8"		X		X		1
004	CASE TRACKING MONITOR		2' - 8 7/8"	4' - 5"	3 5/8"		X		X		1
005	ERGOTRON - WALL MOUNT		3' - 6"	5"	3/4"		X			X	2

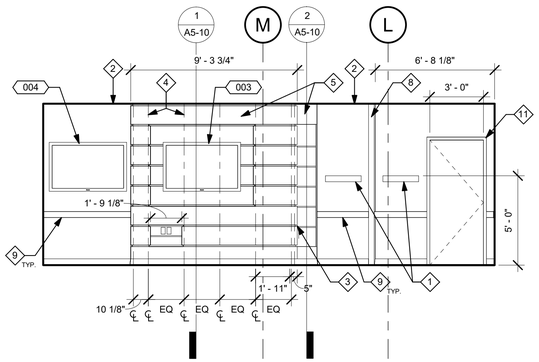


6 PHYSICIANS LOUNGE WEST
1/4" = 1'-0"

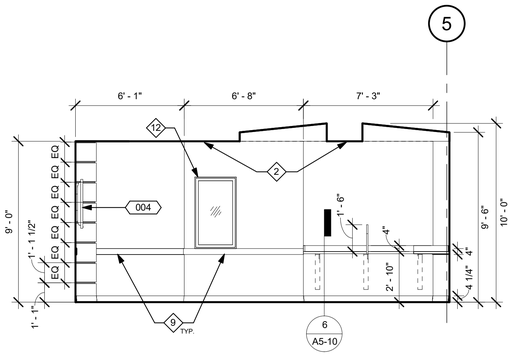


5 QUIET ROOM WEST ELEVATION
1/4" = 1'-0"

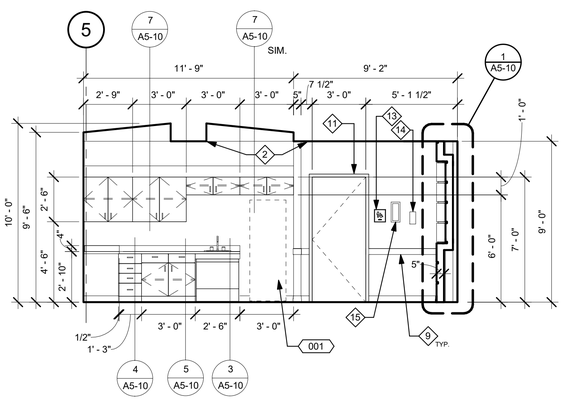
4 ANESTHESIA LOUNGE - WEST
1/4" = 1'-0"



3 PHYSICIANS LOUNGE EAST
1/4" = 1'-0"



2 PHYSICIANS LOUNGE SOUTH
1/4" = 1'-0"



1 PHYSICIANS LOUNGE NORTH
1/4" = 1'-0"

ELEVATION KEYNOTES:

1. REINSTALL COAT HOOKS. PRIME AND PAINT.
2. PRIME AND PAINT EXISTING CEILING.
3. CONTINUE REVEAL ONTO THIS FACE OF CABINET SIMILAR TO SECTION 1/A5-10.
4. LOCATION OF STEEL STUDS.
5. PLASTIC LAMINATE FASCIA.
6. RELOCATED FIRE ALARM STROBE LIGHT. REMOVE GWB AND PATCH AS NEEDED. PRIME AND PAINT.
7. RELOCATED THERMOSTAT.
8. EXISTING EXPANSION JOINT TO REMAIN.
9. NEW CHAIR RAIL.
10. REMOVE GWB AND PATCH AS NEEDED TO INSTALL BACKING OVER 16 GAGE STUD @ 16" O.C.
11. EXISTING DOOR FRAME OPENING TO REMAIN, PRIME AND PAINT.
12. EXIST WINDOW AND FRAME TO REMAIN, PRIME AND PAINT.
13. EXISTING BATHROOM SIGN TO REMAIN. PROTECT IN PLACE.
14. WALL MOUNTED TELEPHONE TO BE REPLACED AFTER CONSTRUCTION.
15. EXISTING NURSE CALL TO REMAIN. PROTECT IN PLACE.
16. NEW WAINSCOT WALL PROTECTION.

GENERAL NOTES:

1. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
2. REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.

LEGEND:

1i REFER TO EQUIPMENT SCHEDULE.

1 NOTES

CASEWORK LEGEND:

CASE ID NUMBER

D100G24
- CASE WIDTH (INCHES) (-- = AS REQ'D.)
- CASE HEIGHT
- CASE TYPE (REFER TO W.I.C.)
- SPECIAL PREFIX: D = DOUBLE, M = MODIFY

TASK24 = 24" TASK LIGHT MODULE
TASK36 = 36" TASK LIGHT MODULE
TASK48 = 48" TASK LIGHT MODULE
FTPED = SINK FOOT CONTROL PEDALS

HEIGHT

NUMBER	HEIGHT
A	18"
B	24"
C	27"
D	30"
E	30"
F	33"
G	36"
H	39"
J	42"
K	48"
L	54"
M	72"
N	80"
P	86"
Q	96"
R	AS REQ'D.

DEPTH (U.O.N. ON ELEVATIONS)

LOWER CASE: 24" DEEP U.O.N.
UPPER CASE: 14" DEEP U.O.N.
TALL CASE: 14" DEEP U.O.N.

OUTLET DESCRIPTION

A - MEDICAL COMPRESSED AIR
C - CODE BLUE
D - DATA
DP - DICTAPHONE
DS - DIMMER SWITCH
E - DUPLEX ELECT. OUTLET
F - FAX MACHINE
IC - INTERCOM
J - JUNCTION BOX
N - NURSE CALL
NO - NITROUS OXIDE
O - OXYGEN
PS - NURSE CALL PULL STATION
S - SWITCH
T - TELEPHONE
TL - TASK LIGHT
TV - TELEVISION
V - VACUUM
VC - VOLUME CONTROL
VS - VACUUM SLIDE

GENERAL NOTES:

1. ALL CASEWORK SHALL BE "CUSTOM" GRADE AS DEFINED BY THE WOODWORK INSTITUTE OF CALIFORNIA.
2. FINISH ALL EXPOSED AND SEMI-EXPOSED SURFACES OF CASEWORK INCLUDING THE INTERIOR OF OPEN CASEWORK AND SHELVING WITH PLASTIC LAMINATE. ALL COUNTERTOPS SHALL BE PLASTIC LAMINATE UNLESS OTHERWISE NOTED.
3. PROVIDE PLASTIC LAMINATE SOFFIT TO ENCLOSE SPACE BETWEEN CEILING AND TOP OF CABINET. TYPICAL UNLESS OTHERWISE NOTED.
4. BASES ON CASEWORK SHALL BE 4" UNLESS OTHERWISE NOTED. PROVIDE SAME FINISH BASE MATERIAL AS ADJACENT WALLS. EXTEND BASE TO WALL AT ALL CABINET RETURNS AND END PANELS.
5. IN CASES OF CABINET INSTALLATIONS BETWEEN WALLS, VERIFY DIMENSIONS IN FIELD AND PROVIDE FILLER PANEL STRIPS AT ENDS OR REDUCE END CABINETS WIDTH AS REQUIRED TO FIT SPACE AS INDICATED.
6. ALL CABINET DOORS AND DRAWERS SHALL HAVE PULLS. UPPER AND LOWER CABINET DOORS AND FULL HEIGHT CABINETS SHALL HAVE PULLS MOUNTED VERTICALLY. DRAWERS SHALL HAVE HORIZONTAL PULLS.
7. ALL FILE DRAWERS SHALL BE SIZED FOR 8 1/2"x 11" FORMS. PROVIDE FILE RODS EXTENDING FRONT TO BACK OF DRAWER UNIT, TYPICAL.
8. COORDINATE HEIGHT AND LOCATION OF BACKING PLATES FOR CASEWORK WITH STUD FRAMING CONTRACTOR. REF ALSO TO DETAILS 4 & 5 ON SHEET A5-80 FOR FURTHER INFO.
9. REFER TO DETAILS 1-6 ON SHEET A5-80 FOR WALL CABINET ANCHORAGE/ BACKING TRACK CONNECTION.
10. GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS OF ROUGH OPENINGS AND COORDINATE W/OWNER FOR ALL EQUIPMENT CLEARANCES PRIOR TO PREPARING SHOP DRAWINGS AND FABRICATION.

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OWNER: TRI-CITY MEDICAL CENTER, 4002 VISTA WAY, OCEANSIDE, CALIFORNIA 92056, TEL(760)724-8411

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ME&P: P2S, 9665 CHESAPEAKE DRIVE, SUITE 230, SAN DIEGO, CALIFORNIA 92123, TEL(619)618-2347

INTERIOR: ISLEY DESIGN + PLANNING, 1982 PALSERO AVENUE, SAN DIEGO, CALIFORNIA 92029, TEL(760)484-0455

LICENSED ARCHITECT
JOSEPH MICHEL SFEIR
No. C26543
REN. 1-31-19
STATE OF CALIFORNIA

REV:	DESCRIPTION:	DATE:
1	OSHPD COMMENTS	05/21/2017
2	OSHPD COMMENTS	08/21/2017

CONSULTANT

OSHPD APPROVAL STAMP:
OSHPD #: S170837-37-00

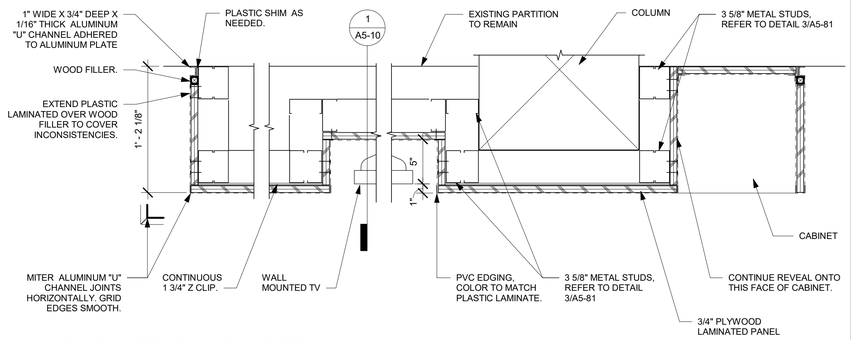
SHEET TITLE:
1/4" INTERIOR ELEVATIONS

PROJECT TITLE:
TCMC PHYSICIANS LOUNGE

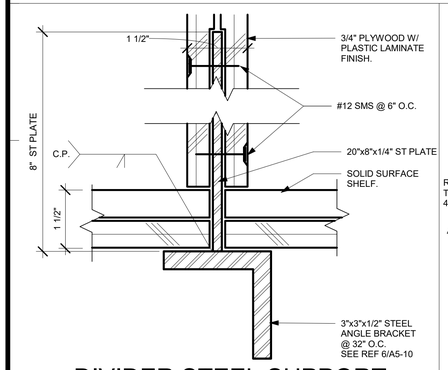
PROJECT #: 01657.00
DRAWN BY: JAR
CHECKED BY: JMS
SCALE: As Indicated
DATE: 04/07/2017

SHEET NUMBER: A4-40

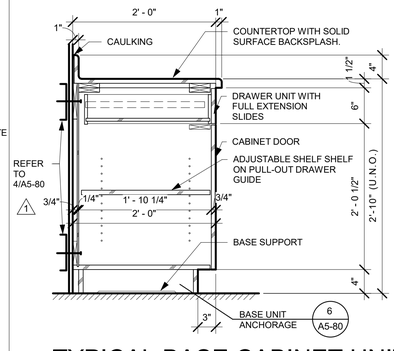
100% CONSTRUCTION DOCUMENTS



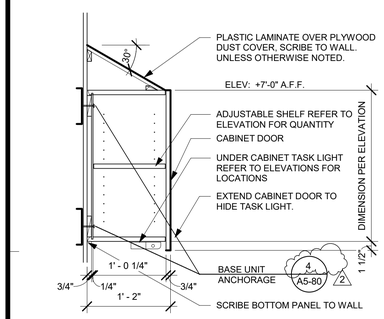
9 CABINET PANEL DETAIL
1 1/2" = 1'-0"



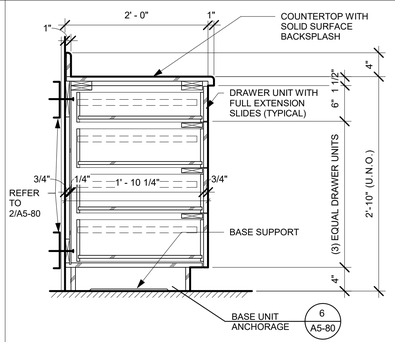
8 DIVIDER STEEL SUPPORT
6" = 1'-0"



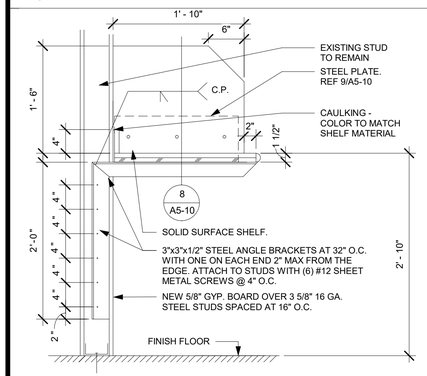
5 TYPICAL BASE CABINET UNIT
1" = 1'-0"



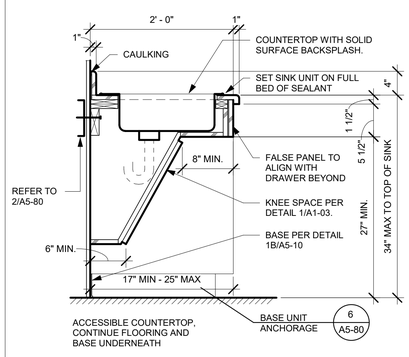
7 TYP. UPPER CABINET - CLOSE
1" = 1'-0"



4 BASE CABINET WITH DRAWERS
1" = 1'-0"



6 COUNTER STEEL SUPPORT
1" = 1'-0"



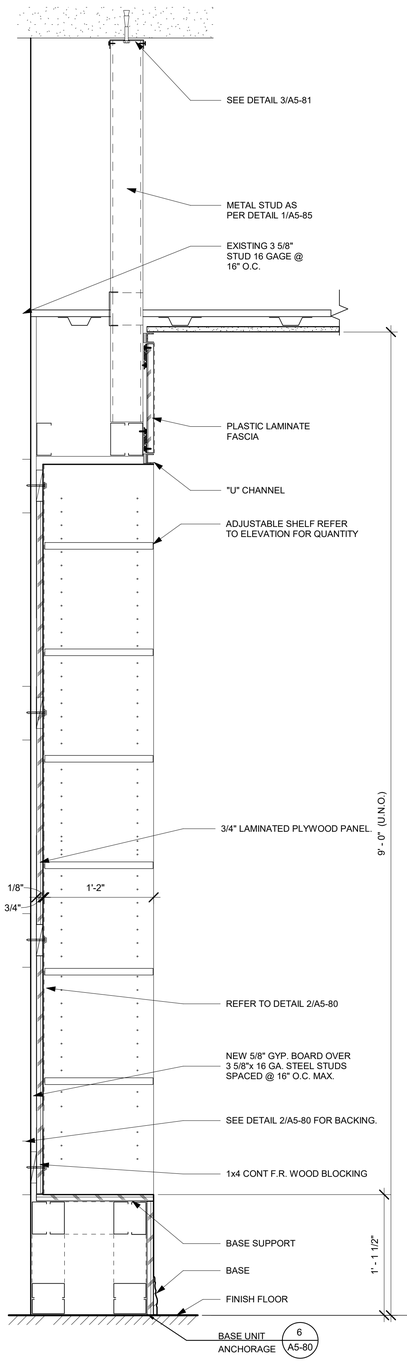
3 TYP. BASE CABINET W/ SINK
1" = 1'-0"

MILLWORK GENERAL NOTES:

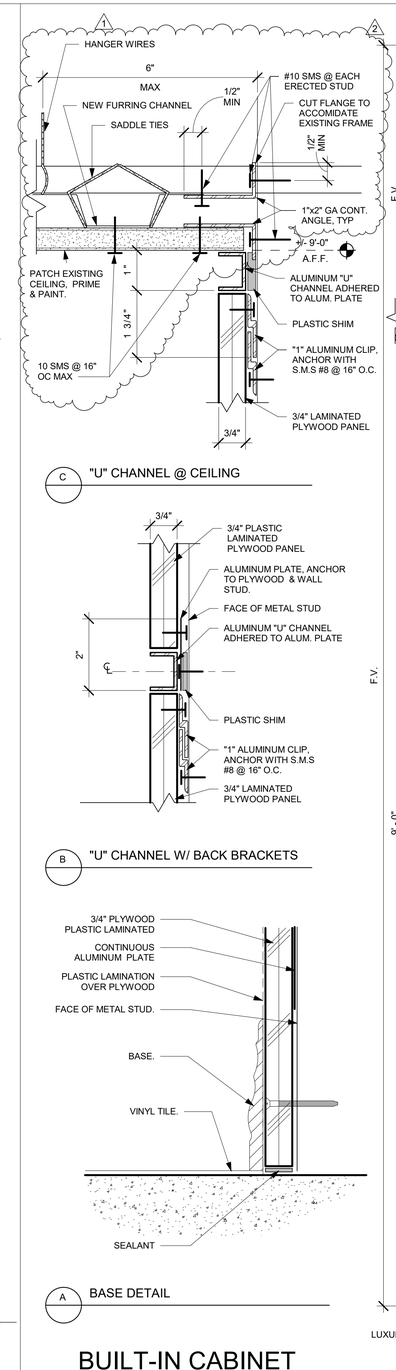
1. ALL CASEWORK SHALL BE "CUSTOM" GRADE AS DEFINED BY THE WOODWORK INSTITUTE OF CALIFORNIA.
2. FINISH ALL EXPOSED AND SEMI-EXPOSED SURFACES OF CASEWORK INCLUDING THE INTERIOR OF OPEN CASEWORK AND SHELVING WITH PLASTIC LAMINATE. ALL COUNTERTOPS SHALL BE SOLID SURFACE.
3. BASES ON CASEWORK SHALL BE 4" UNLESS OTHERWISE NOTED. PROVIDE SAME FINISH BASE MATERIAL AS ADJACENT WALLS. EXTEND BASE TO WALL AT ALL CABINET RETURNS AND END PANELS.
4. IN CASES OF CABINET INSTALLATIONS BETWEEN WALLS, VERIFY DIMENSIONS IN FIELD AND PROVIDE FILLER PANEL STRIPS AT ENDS OR REDUCE END CABINETS WIDTH AS REQUIRED TO FIT SPACE AS INDICATED.
5. ALL CABINET DOORS AND DRAWERS SHALL HAVE PULLS. UPPER AND LOWER CABINET DOORS AND FULL HEIGHT CABINETS SHALL HAVE PULLS MOUNTED VERTICALLY. DRAWERS SHALL HAVE HORIZONTAL PULLS.
6. ALL FILE DRAWERS SHALL BE SIZED FOR 8 1/2"X 11" FORMS. PROVIDE FILE RODS EXTENDING FRONT TO BACK OF DRAWER UNIT. TYPICAL
7. COORDINATE HEIGHT AND LOCATION OF BACKING PLATES FOR CASEWORK WITH STUD FRAMING CONTRACTOR. REF ALSO TO DETAIL 1-6 ON SHEET A5-80 FOR FURTHER INFO.
8. GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS OF ROUGH OPENINGS AND COORDINATE W/OWNER FOR ALL EQUIPMENT CLEARANCES PRIOR TO PREPARING SHOP DRAWINGS AND FABRICATION.

GENERAL NOTES:

1. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
2. REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.



2 CABINET PANEL SECTION
1 1/2" = 1'-0"

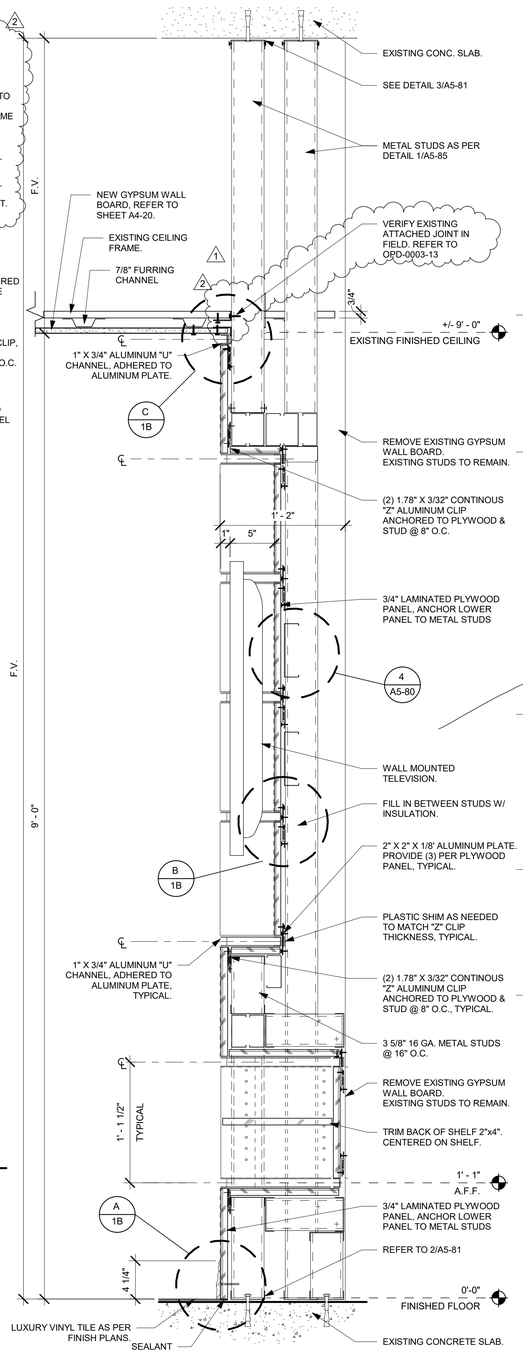


C "U" CHANNEL @ CEILING

B "U" CHANNEL W/ BACK BRACKETS

A BASE DETAIL

1B BUILT-IN CABINET DETAIL
6" = 1'-0"



1 BUILT-IN CABINET SECTION
1 1/2" = 1'-0"

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LICENSED ARCHITECT
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No. C-28543
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STATE OF CALIFORNIA

1	1	OSHPD COMMENTS	05/21/2017
2	2	OSHPD COMMENTS	08/21/2017

REV: DESCRIPTION: DATE:

CONSULTANT

OSHPD APPROVAL STAMP:
OSHPD #: S170837-37-00

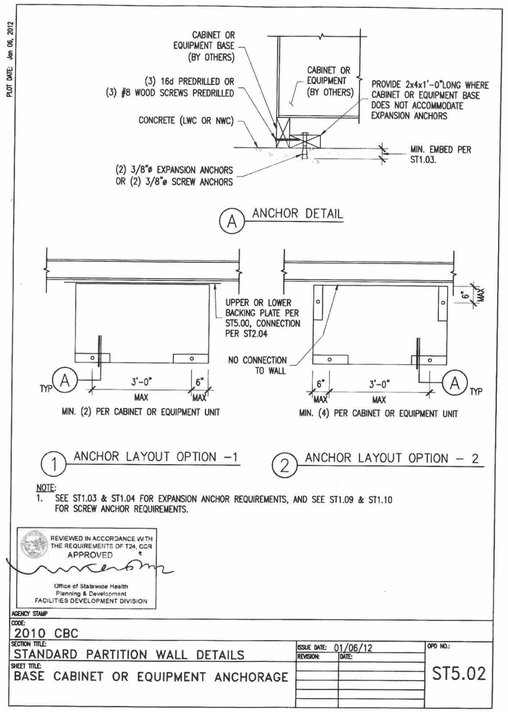
SHEET TITLE:
MILLWORK DETAILS

PROJECT TITLE:
TCMC PHYSICIANS LOUNGE

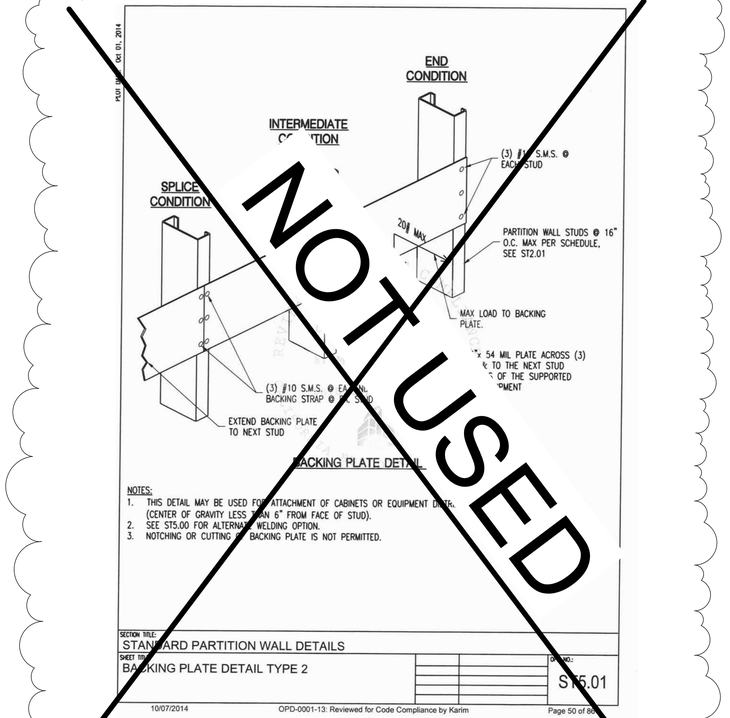
PROJECT #: 01657.00
DRAWN BY: JAR
CHECKED BY: JMS
SCALE: As indicated
DATE: 04/07/2017

SHEET NUMBER:
A5-10

100% CONSTRUCTION DOCUMENTS

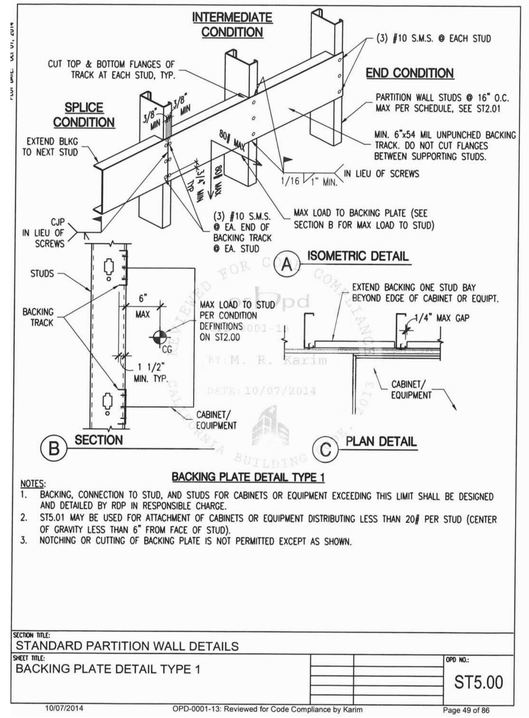


6 ST5.02
12" = 1'-0"

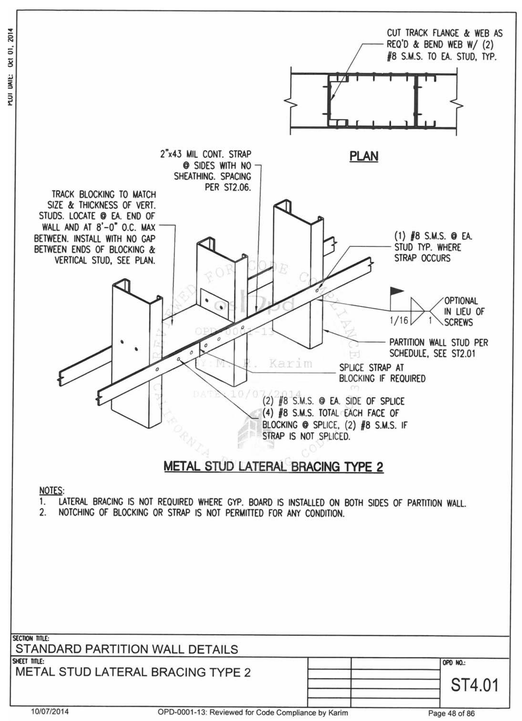


NOT USED

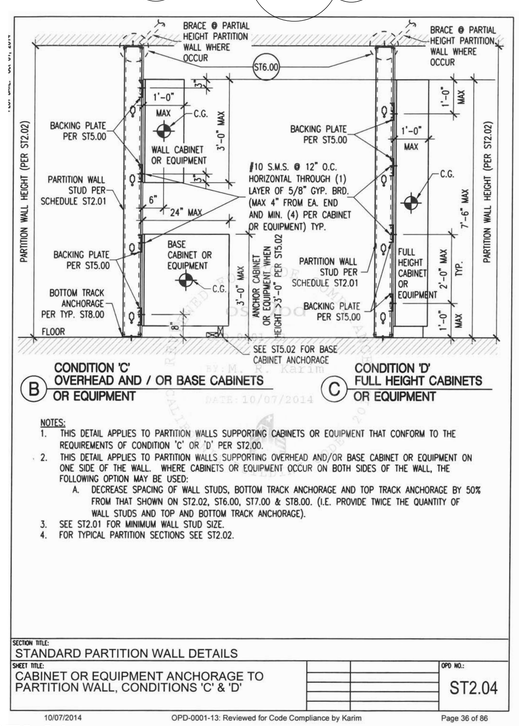
5 ST5.01
12" = 1'-0"



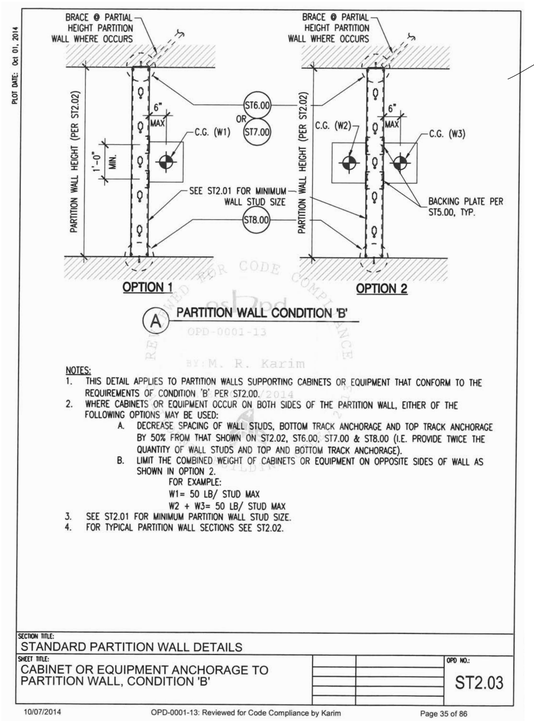
4 ST5.00
12" = 1'-0"



3 ST4.01
12" = 1'-0"



2 ST2.04
12" = 1'-0"



1 ST2.03
12" = 1'-0"

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LICENSED ARCHITECT
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No. C28543
REN. 1-31-19
STATE OF CALIFORNIA

1	1	OSHPD COMMENTS	05/21/2017
2	2	OSHPD COMMENTS	08/21/2017

REV: DESCRIPTION: DATE:

CONSULTANT

OSHPD APPROVAL STAMP:
OSHPD #: S170837-37-00

SHEET TITLE:
DETAILS

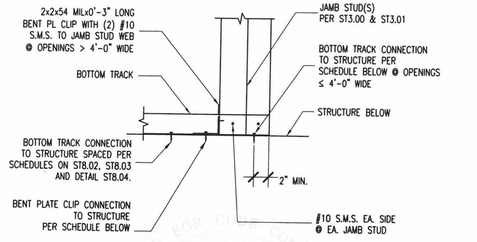
PROJECT TITLE:
TCMC PHYSICIANS LOUNGE

PROJECT #: 01657.00
DRAWN BY: Author
CHECKED BY: Checker
SCALE: 12" = 1'-0"
DATE: 04/07/2017

SHEET NUMBER:
A5-80

100% CONSTRUCTION DOCUMENTS

PLOT DATE: Oct 01, 2014



OPENING SIZE	JAMB STUD BOTTOM TRACK CONNECTION TYPE	CONNECTION TO STRUCTURE (THROUGH BENT PL CLIP OR THROUGH BOTTOM TRACK)
≤ 4'-0"	BOTTOM TRACK CONNECTION TO STRUCTURE (NO CLIP REQUIRED)	(3) PAF
		(1) 3/8"ø x 2" EMBED EXPANSION ANCHOR
		(1) 3/8"ø x 2 1/2" EMBED SCREW ANCHOR
		(2) #10 WOOD SCREWS
>4'-0" TO ≤ 10'-0"	BENT PL CLIP CONNECTION TO STRUCTURE	(6) 0.145"ø PAF
		(1) 3/8"ø x 2" EMBED EXPANSION ANCHOR
		(1) 3/8"ø x 2 1/2" EMBED SCREW ANCHOR
		(3) #10 WOOD SCREWS

NOTE:
1. BOTTOM CONNECTION @ JAMBS AT PARTITION WALL CONDITION 'A', ALL S_{DS} CATEGORIES.

SECTION TITLE: STANDARD PARTITION WALL DETAILS
SHEET TITLE: BOTTOM TRACK CONNECTION @ JAMBS - PARTITION WALL CONDITION 'A'
OPD NO.: ST8.05

6 ST8.05
12" = 1'-0"

PLOT DATE: Oct 01, 2014

BOTTOM TRACK CONNECTION TO NWC SLAB FASTENER MAX SPACING SCHEDULE

BOTTOM CONNECTION DEMANDS (PARTITION WALL CONDITION 'A')

MAX PARTITION WALL HEIGHT	S_{DS}	MAXIMUM FASTENER SPACING IN INCHES AT BOTTOM CONNECTION				
		PAF	3/8"ø EXP ANCHOR W/ 2" EMBED	1/2"ø EXP ANCHOR W/ 2 1/4" EMBED	3/8"ø SCREW ANCHOR W/ 2 1/2" EMBED	1/2"ø SCREW ANCHOR W/ 2 1/2" EMBED
9 FT	0.25-0.99	32	32	32	32	32
	1.00-1.25	24	32	32	32	32
	1.26-1.45	16	32	32	32	32
	1.46-1.95	16	32	32	32	32
12 FT	0.25-0.99	24	32	32	32	32
	1.00-1.25	16	32	32	32	32
	1.26-1.45	16	32	32	32	32
	1.46-1.95	8	32	32	32	32
16 FT	0.25-0.99	16	32	32	32	32
	1.00-1.25	8	32	32	32	32
	1.26-1.45	8	32	32	32	32
	1.46-1.95	8	32	32	32	32

BOTTOM CONNECTION DEMANDS (PARTITION WALL CONDITION 'B')

MAX PARTITION WALL HEIGHT	S_{DS}	MAXIMUM FASTENER SPACING IN INCHES AT BOTTOM CONNECTION				
		PAF	3/8"ø EXP ANCHOR W/ 2" EMBED	1/2"ø EXP ANCHOR W/ 2 1/4" EMBED	3/8"ø SCREW ANCHOR W/ 2 1/2" EMBED	1/2"ø SCREW ANCHOR W/ 2 1/2" EMBED
9 FT	0.25-0.99	16	32	32	32	32
	1.00-1.25	16	32	32	32	32
	1.26-1.45	8	32	32	32	32
	1.46-1.95	8	32	32	32	32
12 FT	0.25-0.99	16	32	32	32	32
	1.00-1.25	8	32	32	32	32
	1.26-1.45	8	32	32	32	32
	1.46-1.95	8	32	32	32	32
16 FT	0.25-0.99	8	32	32	32	32
	1.00-1.25	8	32	32	32	32
	1.26-1.45	8	32	32	32	32
	1.46-1.95	-	32	32	32	32

BOTTOM CONNECTION DEMANDS (PARTITION WALL CONDITIONS 'C' & 'D')

MAX PARTITION WALL HEIGHT	S_{DS}	MAXIMUM FASTENER SPACING IN INCHES AT BOTTOM CONNECTION				
		PAF	3/8"ø EXP ANCHOR W/ 2" EMBED	1/2"ø EXP ANCHOR W/ 2 1/4" EMBED	3/8"ø SCREW ANCHOR W/ 2 1/2" EMBED	1/2"ø SCREW ANCHOR W/ 2 1/2" EMBED
9 FT	0.25-0.99	-	32	32	32	32
	1.00-1.25	-	32	32	32	32
	1.26-1.45	-	32	32	32	32
	1.46-1.95	-	24	24	24	24
12 FT	0.25-0.99	-	32	32	32	32
	1.00-1.25	-	32	32	32	32
	1.26-1.45	-	32	32	32	32
	1.46-1.95	-	24	32	24	24
16 FT	0.25-0.99	-	32	32	32	32
	1.00-1.25	-	32	32	32	32
	1.26-1.45	-	24	24	24	24
	1.46-1.95	-	16	16	16	16

NOTES:
1. SEE ST1.01 & ST1.02 FOR PAF REQUIREMENTS.
2. SEE ST1.03 & ST1.04 FOR EXPANSION ANCHOR REQUIREMENTS.
3. SEE ST1.09 & ST1.10 FOR SCREW ANCHOR REQUIREMENTS.

SECTION TITLE: STANDARD PARTITION WALL DETAILS
SHEET TITLE: BOTTOM TRACK CONNECTION TO NWC SLAB FASTENER MAX SPACING SCHEDULE
OPD NO.: ST8.03

5 ST8.03
12" = 1'-0"

PLOT DATE: Oct 01, 2014

BOTTOM TRACK CONNECTION TO LWC ON METAL DECK FASTENER MAX SPACING SCHEDULE

BOTTOM CONNECTION DEMANDS (PARTITION WALL CONDITION 'A')

MAX PARTITION WALL HEIGHT	S_{DS}	MAXIMUM FASTENER SPACING IN INCHES AT BOTTOM CONNECTION				
		PAF	3/8"ø EXP ANCHOR W/ 2" EMBED	1/2"ø EXP ANCHOR W/ 2 1/4" EMBED	3/8"ø SCREW ANCHOR W/ 2 1/2" EMBED	1/2"ø SCREW ANCHOR W/ 2 1/2" EMBED
9 FT	0.25-0.99	32	32	32	32	32
	1.00-1.25	24	32	32	32	32
	1.26-1.45	16	32	32	32	32
	1.46-1.95	16	32	32	32	32
12 FT	0.25-0.99	24	32	32	32	32
	1.00-1.25	16	32	32	32	32
	1.26-1.45	16	32	32	32	32
	1.46-1.95	8	32	32	32	32
16 FT	0.25-0.99	16	32	32	32	32
	1.00-1.25	8	32	32	32	32
	1.26-1.45	8	32	32	32	32
	1.46-1.95	8	32	32	32	32

BOTTOM CONNECTION DEMANDS (PARTITION WALL CONDITION 'B')

MAX PARTITION WALL HEIGHT	S_{DS}	MAXIMUM FASTENER SPACING IN INCHES AT BOTTOM CONNECTION				
		PAF	3/8"ø EXP ANCHOR W/ 2" EMBED	1/2"ø EXP ANCHOR W/ 2 1/4" EMBED	3/8"ø SCREW ANCHOR W/ 2 1/2" EMBED	1/2"ø SCREW ANCHOR W/ 2 1/2" EMBED
9 FT	0.25-0.99	16	32	32	32	32
	1.00-1.25	16	32	32	32	32
	1.26-1.45	8	32	32	32	32
	1.46-1.95	8	32	32	32	32
12 FT	0.25-0.99	16	32	32	32	32
	1.00-1.25	8	32	32	32	32
	1.26-1.45	8	32	32	32	32
	1.46-1.95	8	32	32	32	32
16 FT	0.25-0.99	8	32	32	32	32
	1.00-1.25	8	32	32	32	32
	1.26-1.45	8	32	32	32	32
	1.46-1.95	-	32	32	32	32

BOTTOM CONNECTION DEMANDS (PARTITION WALL CONDITIONS 'C' & 'D')

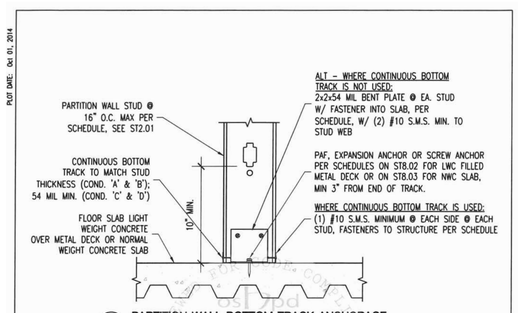
MAX PARTITION WALL HEIGHT	S_{DS}	MAXIMUM FASTENER SPACING IN INCHES AT BOTTOM CONNECTION				
		PAF	3/8"ø EXP ANCHOR W/ 2" EMBED	1/2"ø EXP ANCHOR W/ 2 1/4" EMBED	3/8"ø SCREW ANCHOR W/ 2 1/2" EMBED	1/2"ø SCREW ANCHOR W/ 2 1/2" EMBED
9 FT	0.25-0.99	-	32	32	32	32
	1.00-1.25	-	32	32	32	32
	1.26-1.45	-	32	32	32	32
	1.46-1.95	-	32	24	24	24
12 FT	0.25-0.99	-	32	32	32	32
	1.00-1.25	-	32	32	32	32
	1.26-1.45	-	32	32	32	32
	1.46-1.95	-	24	24	24	24
16 FT	0.25-0.99	-	32	32	32	32
	1.00-1.25	-	32	32	32	32
	1.26-1.45	-	32	24	24	24
	1.46-1.95	-	24	16	16	16

NOTES:
1. SEE ST1.01 & ST1.02 FOR PAF REQUIREMENTS.
2. SEE ST1.03 & ST1.04 FOR EXPANSION ANCHOR REQUIREMENTS.
3. SEE ST1.09 & ST1.10 FOR SCREW ANCHOR REQUIREMENTS.

SECTION TITLE: STANDARD PARTITION WALL DETAILS
SHEET TITLE: BOTTOM TRACK CONNECTION TO LWC ON METAL DECK FASTENER MAX SPACING SCHEDULE
OPD NO.: ST8.02

4 ST8.02
12" = 1'-0"

PLOT DATE: Oct 01, 2014



A PARTITION WALL BOTTOM TRACK ANCHORAGE
LIGHT WEIGHT CONCRETE OVER METAL DECK OR NORMAL WEIGHT CONCRETE SLAB

NOTES:
1. SEE ST1.01 & ST1.02 FOR PAF REQUIREMENT AND ST1.03 & ST1.04 FOR EXPANSION ANCHOR REQUIREMENTS AND ST1.09 & ST1.10 FOR SCREW ANCHOR REQUIREMENTS.
2. SEE ST8.05 FOR ANCHORAGE @ JAMBS.
3. FOR LIGHT WEIGHT CONCRETE OVER METAL DECK, SEE ST8.02 FOR FASTENER TO SLAB SCHEDULE.
4. FOR NORMAL WEIGHT CONCRETE SLAB, SEE ST8.03 FOR FASTENER TO SLAB SCHEDULE.
5. SEE ST2.01 FOR PARTITION WALL STUD SCHEDULE.

SECTION TITLE: STANDARD PARTITION WALL DETAILS
SHEET TITLE: BOTTOM TRACK CONNECTION TO LWC OR NWC SLAB - ALL PARTITION WALL CONDITIONS
OPD NO.: ST8.01

2 ST8.01
12" = 1'-0"

PLOT DATE: Oct 01, 2014

BOTTOM CONNECTION SCHEDULE

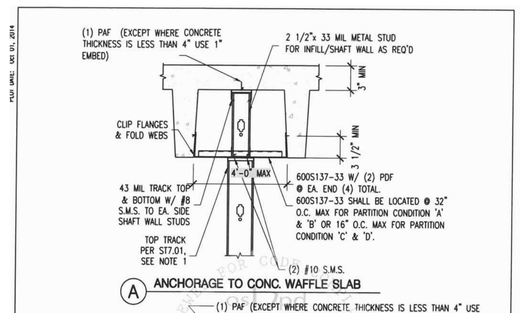
STRUCTURAL CONDITION BELOW BOTTOM TRACK	BOTTOM TRACK CONNECTION
	PARTITION WALL CONDITIONS 'A', 'B', 'C', & 'D'
LWC FILLED METAL DECK OR NWC SLAB	ST8.01
WOOD FRAMING	ST8.04

NOTES:
1. FOR PARTITION WALL CONDITION DESCRIPTION SEE ST2.00
2. FOR BOTTOM CONNECTION DEMAND SCHEDULE SEE ST6.11.

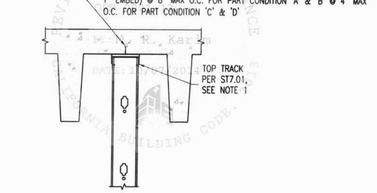
SECTION TITLE: STANDARD PARTITION WALL DETAILS
SHEET TITLE: BOTTOM CONNECTION SCHEDULE
OPD NO.: ST8.00

1 ST8.00
12" = 1'-0"

PLOT DATE: Oct 01, 2014



A ANCHORAGE TO CONC. WAFFLE SLAB



B ANCHORAGE FOR PARTITION WALL PARALLEL TO CONC. PAN JOIST

NOTES:
1. SEE TOP CONNECTION DEMAND SCHEDULE ON ST6.11.
2. SEE ST1.01 & ST1.02 FOR PAF REQUIREMENTS.
3. SEE ST2.00 FOR TYPICAL PARTITION WALL CONDITIONS.
4. SEE ST2.01 FOR PARTITION WALL STUD SCHEDULE.
5. DETAIL APPLIES TO ALL PARTITION WALL CONDITIONS & ALL S_{DS} CATEGORIES.

SECTION TITLE: STANDARD PARTITION WALL DETAILS
SHEET TITLE: TOP TRACK CONNECTION TO CONCRETE PAN JOIST AND WAFFLE SLAB SYSTEM - ALL PARTITION WALL CONDITIONS
OPD NO.: ST7.05

3 ST7.05
12" = 1'-0"

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TCMC PHYSICIANS LOUNGE

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OWNER: TRI-CITY MEDICAL CENTER, 4002 VISTA WAY, OCEANSIDE, CALIFORNIA 92056, TEL(760)724-8411

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LICENSED ARCHITECT — JOSEPH MICHEL SFEIR — No. C28543 — REN. 1-31-19 — STATE OF CALIFORNIA

REV.	DESCRIPTION:	DATE:
1	1 OSHPD COMMENTS	05/21/2017
2	2 OSHPD COMMENTS	08/21/2017

CONSULTANT

OSHPD APPROVAL STAMP:
OSHPD #: S170837-37-00

SHEET TITLE: DETAILS

PROJECT TITLE: TCMC PHYSICIANS LOUNGE
PROJECT #: 01657.00
DRAWN BY: Author
CHECKED BY: Checker
SCALE: 12" = 1'-0"
DATE: 04/07/2017
SHEET NUMBER: A5-81

100% CONSTRUCTION DOCUMENTS

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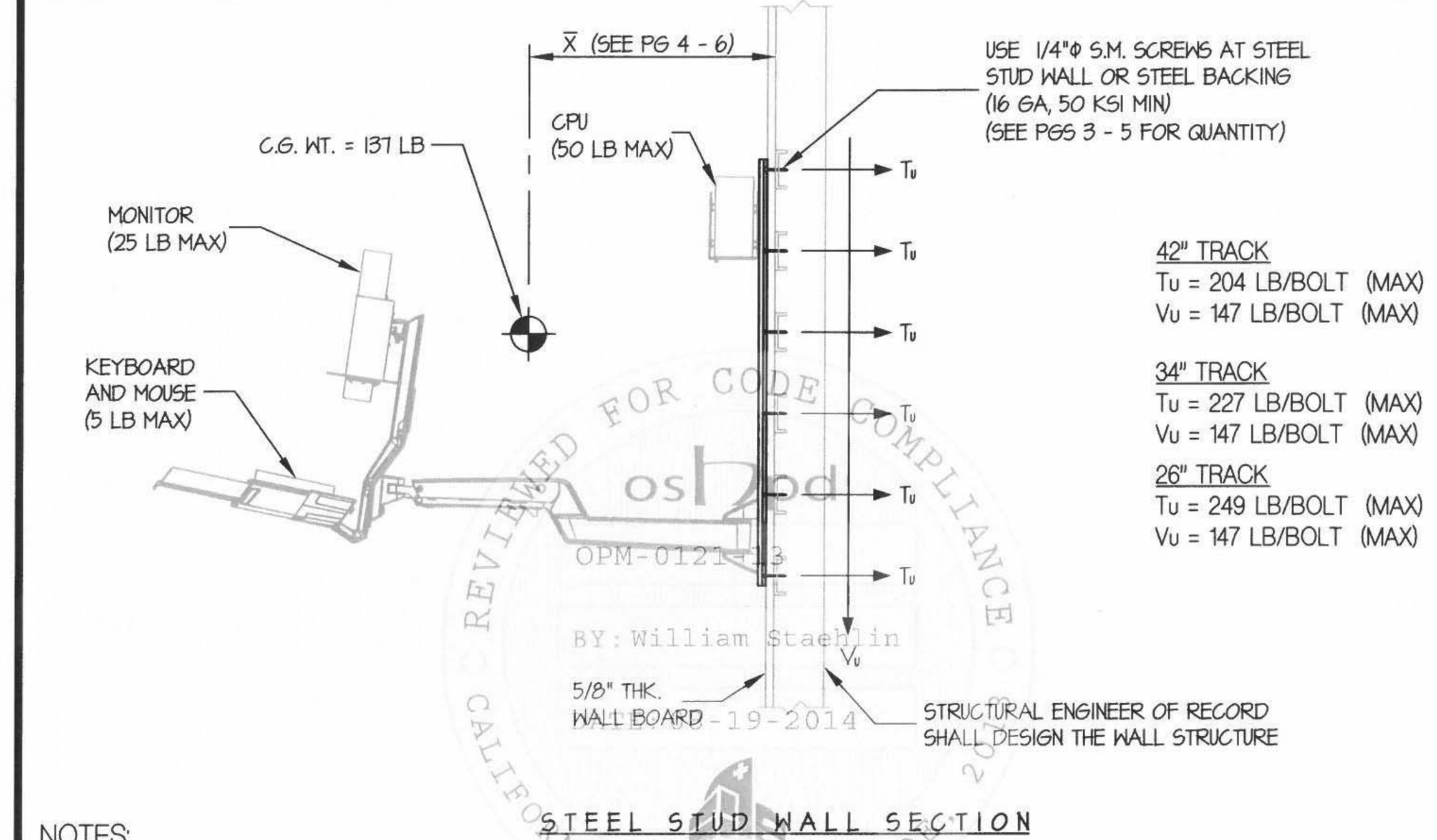
ERGOTRON	DES. J. ROBERSON	SHEET 2
STYLEVIEW SIT-STAND COMBO ARM WITH WORKSURFACE	JOB NO. 11-1359	
	DATE 7/24/14	OF 5 SHEETS

SEISMIC SUPPORTS & ATTACHMENTS — WALL MOUNTED



NOTES:

1. FORCES ARE DETERMINED PER 2013 CALIFORNIA BUILDING CODE AND ASCE 7-10 STRENGTH DESIGN IS USED. (S_{DS} = 2.2, a_p = 2.5, I_p = 1.5, R_p = 2.5, z/h ≤ 1)

   HORIZONTAL FORCE (E_h) = 3.96 W_p
   VERTICAL FORCE (E_v) = 0.44 W_p

2. CENTER OF GRAVITY (C.G.) AND WEIGHT ARE THE GOVERNING PARAMETERS FOR DESIGN. THIS PREAPPROVAL ENCOMPASSES ALL WEIGHTS UP TO THE MAXIMUM WEIGHT SHOWN.
3. STRUCTURAL ENGINEER OF RECORD FOR THE BUILDING SHALL PROVIDE SUPPORT STRUCTURE DESIGNED TO SUPPORT WEIGHTS AND FORCES SHOWN IN COMBINATION WITH ALL OTHER LOADS THAT MAY BE PRESENT.

[illegible]
REGISTERED PROFESSIONAL ENGINEER JONATHAN ROBERSON No. 4197 EXP. 6-30-2016 7/24/14 STRUCTURAL STATE OF CALIFORNIA

08/19/2014 OPM-0121-13: Reviewed for Code Compliance by William Staehlin Page 4 of 7

(6) ERGOTRON - STEEL STUD WALL SECTION
12" = 1'-0"

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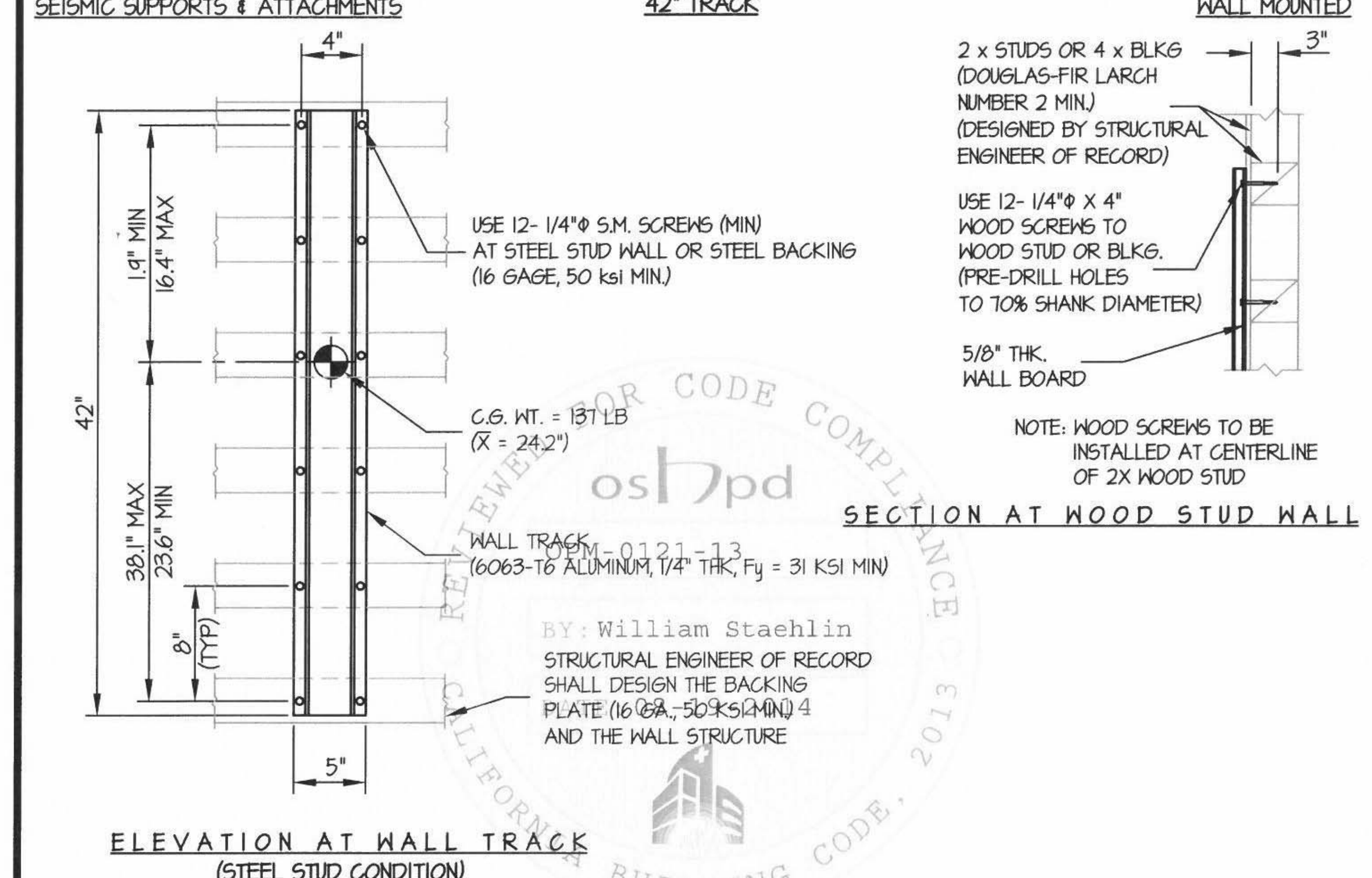
ERGOTRON	DES. J. ROBERSON	SHEET 3
STYLEVIEW SIT-STAND COMBO ARM WITH WORKSURFACE	JOB NO. 11-1359	
	DATE 7/24/14	OF 5 SHEETS

SEISMIC SUPPORTS & ATTACHMENTS — 42" TRACK — WALL MOUNTED



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08/19/2014 OPM-0121-13: Reviewed for Code Compliance by William Staehlin Page 5 of 7

(5) ERGOTRON - ELEVATION AT WALL TRACK
12" = 1'-0"

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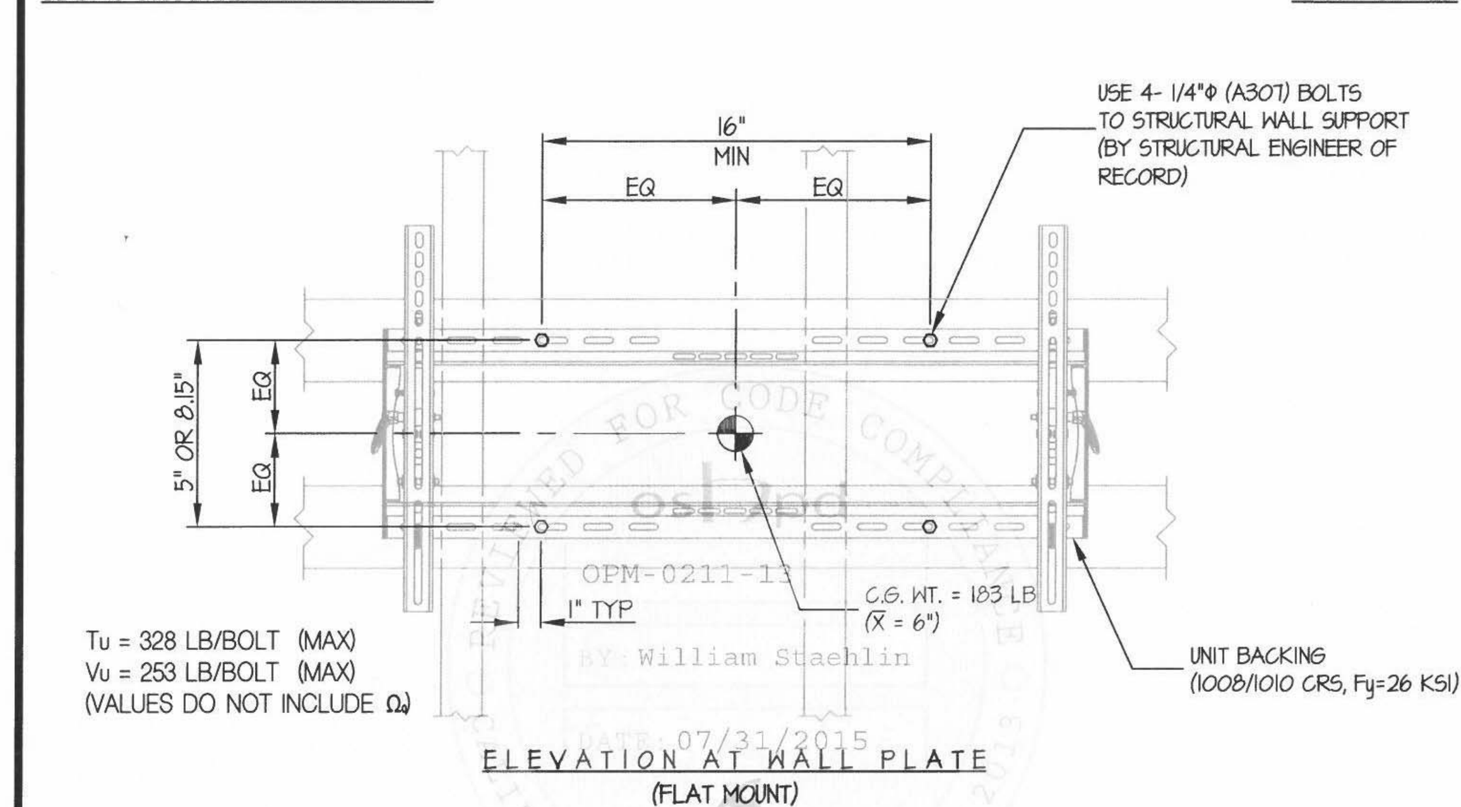
PEERLESS INDUSTRIES, INC.	DES. J. ROBERSON	SHEET 4
UNIVERSAL FLAT AND TILT WALL MOUNT FOR FLAT TV WEIGHT UP TO 175 LB	JOB NO. 11-1502	
	DATE 7/27/15	OF 8 SHEETS

SEISMIC SUPPORTS & ATTACHMENTS — WALL MOUNTED



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REGISTERED PROFESSIONAL ENGINEER JONATHAN ROBERSON No. 4197 EXP. 6-30-2016 7/27/15 STRUCTURAL STATE OF CALIFORNIA

07/31/2015 OPM-0211-13: Reviewed for Code Compliance by William Staehlin Page 6 of 10

(4) TV MOUNT - ELEVATION AT WALL PLATE
12" = 1'-0"

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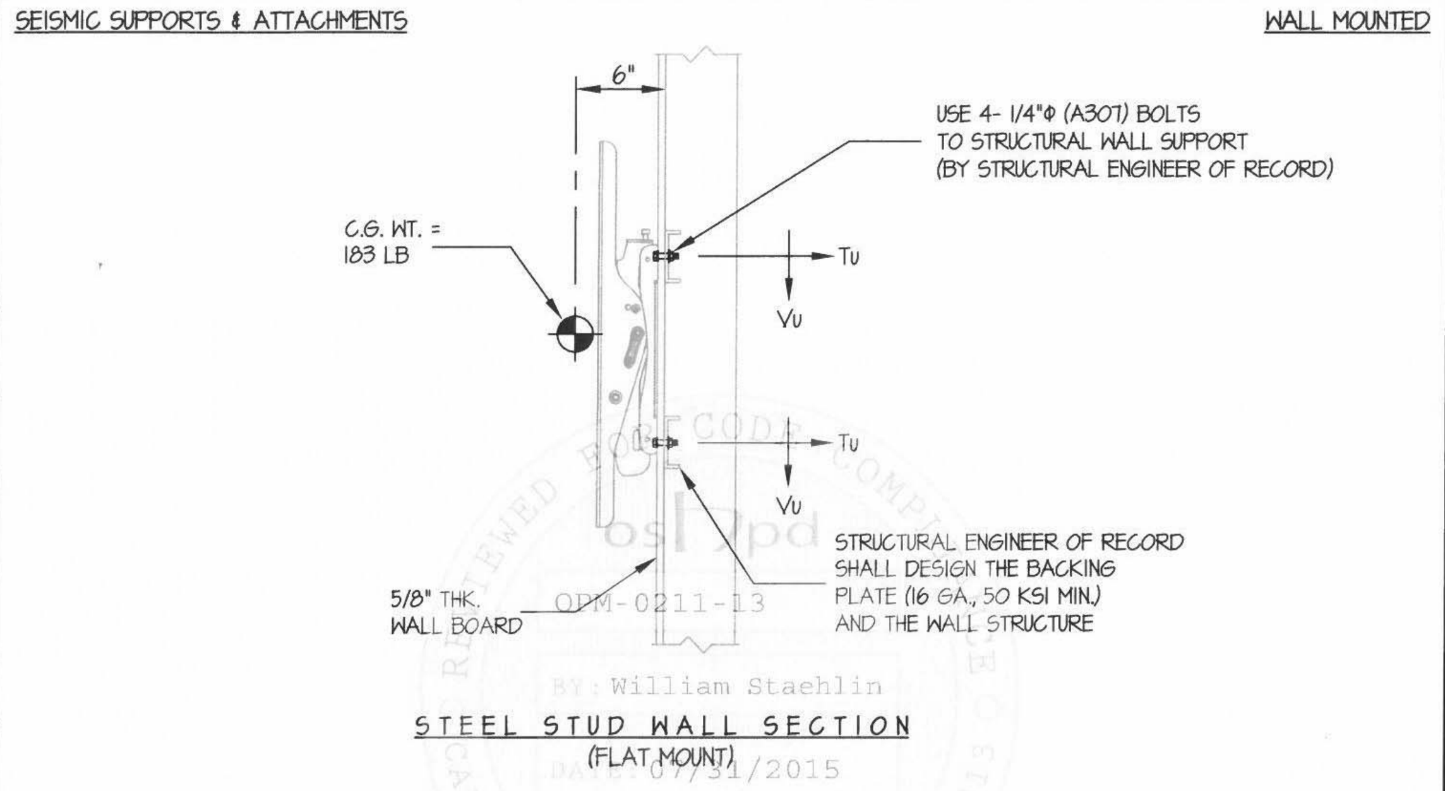
PEERLESS INDUSTRIES, INC.	DES. J. ROBERSON	SHEET 3
UNIVERSAL FLAT AND TILT WALL MOUNT FOR FLAT TV WEIGHT UP TO 175 LB	JOB NO. 11-1502	
	DATE 7/27/15	OF 8 SHEETS

SEISMIC SUPPORTS & ATTACHMENTS — WALL MOUNTED



NOTES:

1. FORCES ARE DETERMINED PER 2013 CALIFORNIA BUILDING CODE AND ASCE 7-10 STRENGTH DESIGN IS USED. (S_{DS} = 2.20, a_p = 1.0, I_p = 1.5, R_p = 1.5, Ω_o = 1.5, z/h ≤ 1)

   HORIZONTAL FORCE (E_h) = 2.64 W_p
   HORIZONTAL FORCE (E_{mh}) = 3.96 W_p (FOR CONCRETE ANCHORAGE)
   VERTICAL FORCE (E_v) = 0.44 W_p

2. CENTER OF GRAVITY (C.G.) AND WEIGHT ARE THE GOVERNING PARAMETERS FOR DESIGN. THIS PREAPPROVAL ENCOMPASSES ALL WEIGHTS UP TO THE MAXIMUM WEIGHT SHOWN.
3. STRUCTURAL ENGINEER OF RECORD FOR THE BUILDING SHALL PROVIDE SUPPORT STRUCTURE DESIGNED TO SUPPORT WEIGHTS AND FORCES SHOWN, IN COMBINATION WITH ALL OTHER LOADS THAT MAY BE PRESENT.
4. SEE GENERAL NOTES: SHEETS 1 AND 2

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REGISTERED PROFESSIONAL ENGINEER JONATHAN ROBERSON No. 4197 EXP. 6-30-2016 7/27/15 STRUCTURAL STATE OF CALIFORNIA

07/31/2015 OPM-0211-13: Reviewed for Code Compliance by William Staehlin Page 5 of 10

(3) TV MOUNT - STEEL STUD WALL SECTION
12" = 1'-0"

EASE EQUIPMENT ANCHORAGE & SEISMIC ENGINEERING
www.EquipmentAnchorage.com

PEERLESS INDUSTRIES, INC.	DES. J. ROBERSON	SHEET 2
UNIVERSAL FLAT AND TILT WALL MOUNT FOR FLAT TV WEIGHT UP TO 175 LB	JOB NO. 11-1502	
	DATE 7/27/15	OF 8 SHEETS

9. **EXPANSION ANCHORS:**

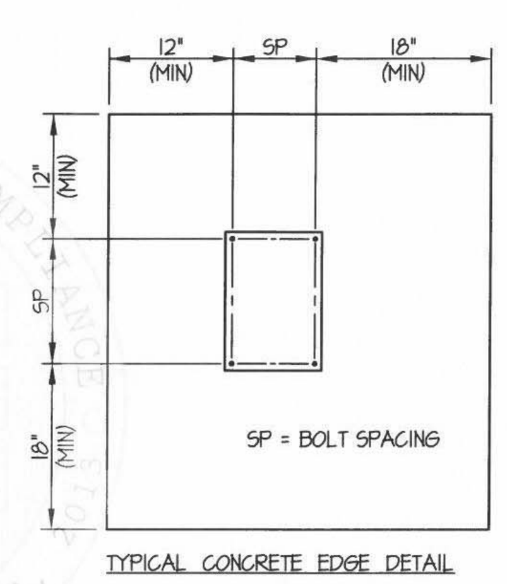
A. ATTACHMENT IS TO BE MADE WITH THE ANCHORS LISTED BELOW AND INSTALLED AS DESCRIBED IN THE CORRESPONDING ICC REPORT.

Anchor Diameter	Concrete Type	Min. f'c (psi)	Anchor Type	ICC Report No.	Min. Embed.	Min. Spacing	Min. Edge Dist.	Min. Conc. Thickness	Torque Test	Direct Tension
1/4"	Normal Weight	3000	Hilti Kwik HUS	ESR-3027	1.92"	5.25"	12"	5"	N/A	779 lb

B. THIS PREAPPROVAL ALLOWS FOR UP TO A MAXIMUM OF 2 ADJACENT CONCRETE WALL EDGES, 12" AWAY MINIMUM (i.e. - CORNER). SEE ADJACENT DETAIL FOR ADDITIONAL MINIMUM ALLOWABLE CONCRETE EDGE DISTANCES.

C. TESTING OF CONCRETE SCREW ANCHORS PER 2013 CBC, 1913A.7: TESTING SHALL BE DONE IN THE PRESENCE OF THE SPECIAL INSPECTOR AND A REPORT OF THE TEST RESULTS SHALL BE SUBMITTED TO OSHPD
   (i) AFTER AT LEAST 24 HOURS HAVE ELAPSED SINCE INSTALLATION, DIRECT PULL TENSION TEST OR TORQUE TEST AT LEAST 50% OF THE ANCHORS.
   (ii) ACCEPTANCE CRITERIA:
      • DIRECT TENSION TEST: THE ANCHOR SHOULD HAVE NO OBSERVABLE MOVEMENT AT THE TEST LOAD. A PRACTICAL WAY TO DETERMINE OBSERVABLE MOVEMENT IS THAT THE WASHER BECOMES LOOSE.
   (iii) IF ANY ANCHOR FAILS, TEST ALL ANCHORS.

D. AVOID DAMAGING EXISTING STEEL REINFORCING IN CONCRETE WALL WHEN INSTALLING CONCRETE SCREW ANCHORS



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REGISTERED PROFESSIONAL ENGINEER JONATHAN ROBERSON No. 4197 EXP. 6-30-2016 7/27/15 STRUCTURAL STATE OF CALIFORNIA

07/31/2015 OPM-0211-13: Reviewed for Code Compliance by William Staehlin Page 4 of 10

(2) TV MOUNT - CONCRETE EDGE DETAIL
12" = 1'-0"

EASE EQUIPMENT ANCHORAGE & SEISMIC ENGINEERING
5877 Pine Ave, Ste. 210
Chino Hills, CA. 91709
Phn: (909) 606-7622

Office of Statewide Health Planning and Development
PREAPPROVAL OF MANUFACTURER'S CERTIFICATION
OPM-0211-13
THIS PREAPPROVAL CONFORMS TO THE 2013 CALIFORNIA BUILDING CODE

MANUFACTURER: PEERLESS INDUSTRIES, INC. Sheet: 1 of 8
EQUIPMENT NAME: UNIVERSAL FLAT AND TILT WALL MOUNT FOR FLAT TV WEIGHT UP TO 175 LB Date: 7/27/15

GENERAL NOTES

1. THIS OSHPD PREAPPROVAL OF MANUFACTURER'S CERTIFICATION (OPM) IS BASED ON THE 2013 CBC. THE DEMANDS (DESIGN FORCES) FOR USE WITH THIS OPM SHALL BE BASED ON THE 2013 CBC
2. THIS DOCUMENT MAY ONLY BE USED WITH THE EXPRESS WRITTEN CONSENT OF THE MANUFACTURER LISTED ABOVE FOR THE SPECIFIC PROJECT SITE AND INSTALLATION LOCATION. THIS DOCUMENT IS INVALID WITHOUT SUCH CONSENT.
3. THIS PREAPPROVAL CONFORMS TO THE 2013 CALIFORNIA BUILDING CODE WHERE S_{DS} IS NOT GREATER THAN 2.20.
4. FORCES PER ASCE 7-10 SECTION 13.3.1, EQUATIONS 13.3-1, 13.3-2 & 13.3-3,
   WHERE S_{DS} = 2.20, a_p = 1.0, I_p = 1.5, R_p = 1.5, z/h ≤ 1 CONCRETE WALL. SEE FOLLOWING SHEETS FOR Ω_o.
5. THIS PREAPPROVAL COVERS ONLY THE SUPPORTS AND ATTACHMENTS OF THE EQUIPMENT TO THE STRUCTURE.
6. ALL DESIGN FORCES SHOWN ON THE DRAWINGS ARE FACTORED LOADS THAT SHALL BE USED FOR STRENGTH DESIGN.
7. CONCRETE WALL DETAIL VALID FOR DEMANDS SHOWN AT ANY ELEVATION. (i.e. z/h ≤ 1)
8. **RESPONSIBILITIES OF THE STRUCTURAL ENGINEER OF RECORD OF THE BUILDING**
   A. PROVIDE SUPPORTING STRUCTURE TO SUPPORT WEIGHTS AND FORCES SHOWN IN ADDITION TO ALL OTHER LOADS.
   B. VERIFY THAT THE INSTALLATION IS IN CONFORMANCE WITH THE 2013 CBC AND WITH THE DETAILS, MATERIAL AND GAGE OF THE UNIT WHERE ATTACHMENTS ARE MADE AGREE WITH THE INFORMATION SHOWN ON THE PREAPPROVAL DOCUMENTS.
   C. VERIFY THAT PROJECT SPECIFIC VALUES OF S_{DS} & z/h RESULT IN SEISMIC FORCES (E_h, E_v) THAT DO NOT EXCEED THE VALUES ON THE DETAILS.
   D. VERIFY THAT THE CONCRETE WALL TO WHICH THE EQUIPMENT IS ANCHORED MEETS THE REQUIREMENTS OF THE APPLICABLE ICC ESR.
   E. VERIFY THAT THE ANCHORS ARE AN ADEQUATE DISTANCE FROM ANY CONCRETE WALL EDGES OR OPENINGS (SEE TYPICAL DETAIL ON SHEET 2).
   F. VERIFY THAT ALL NEW OR EXISTING ANCHORS ARE AN ADEQUATE DISTANCE FROM THE UNIT ATTACHMENTS AND CHECK FOR INTERACTION WHERE OTHER ANCHORS ARE WITHIN 18" OR 6hef FROM THIS UNIT'S ANCHORS.
   G. DESIGN BACKING BARS, STUDS, ETC. WHICH THE UNITS ARE ATTACHED TO AS NOTED ON THE DRAWINGS.

[illegible]
REGISTERED PROFESSIONAL ENGINEER JONATHAN ROBERSON No. 4197 EXP. 6-30-2016 7/27/15 STRUCTURAL STATE OF CALIFORNIA

07/31/2015 OPM-0211-13: Reviewed for Code Compliance by William Staehlin Page 3 of 10

(1) TV MOUNT - NOTES
12" = 1'-0"

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LICENSED ARCHITECT JOSEPH MICHEL SFEIR No. C28543 REN. 1-31-19 STATE OF CALIFORNIA

REV:	DESCRIPTION:	DATE:
1	OSHPD COMMENTS	05/21/2017
2	OSHPD COMMENTS	08/21/2017

CONSULTANT

OSHPD APPROVAL STAMP:
OSHPD #: S170837-37-00

SHEET TITLE: DETAILS

PROJECT TITLE: TCMC PHYSICIANS LOUNGE

PROJECT #: 01657.00
DRAWN BY: Author
CHECKED BY: Checker
SCALE: 12" = 1'-0"
DATE: 04/07/2017
SHEET NUMBER: A5-82

100% CONSTRUCTION DOCUMENTS

PLOT DATE: Oct 01, 2014

POWER ACTUATED FASTENER (PAF) ALLOWABLE STRENGTHS (INSTALLED IN CONCRETE FILLED METAL DECK OR CONC SLAB)

TABLE 1
POWER ACTUATED FASTENER INSTALLED IN SAND-LIGHTWEIGHT CONCRETE THROUGH METAL DECK (f'_c MIN=3000 PSI)

NOMINAL SHANK DIAMETER (IN)	MIN. EMBED (IN)	MIN. SPACING (IN)	MIN. EDGE DISTANCE (IN)	TENSION (LB) (SEE NOTE 15)	SHEAR (LB) (SEE NOTE 15)
0.145 MIN	1 1/4	4	4	90	90

TABLE 2
POWER ACTUATED FASTENER INSTALLED INTO STRUCTURAL SAND-LIGHTWEIGHT CONCRETE (f'_c MIN=3000 PSI)

NOMINAL SHANK DIAMETER (IN)	MIN. EMBED (IN)	MIN. SPACING (IN)	MIN. EDGE DISTANCE (IN)	TENSION (LB) (SEE NOTE 15)	SHEAR (LB) (SEE NOTE 15)
0.145 MIN	1 1/4	4	4	90	90

TABLE 3
POWER ACTUATED FASTENER INSTALLED INTO NORMAL-WEIGHT CONCRETE (f'_c MIN=2000 PSI)

NOMINAL SHANK DIAMETER (IN)	MIN. EMBED (IN)	MIN. SPACING (IN)	MIN. EDGE DISTANCE (IN)	TENSION (LB) (SEE NOTE 15)	SHEAR (LB) (SEE NOTE 15)
0.145 MIN	1 1/4	5.1	4	90	90

SECTION TITLE: STANDARD PARTITION WALL DETAILS
SHEET TITLE: POWER ACTUATED FASTENER (PAF) ALLOWABLE STRENGTHS (INSTALLED IN CONC FILLED METAL DECK OR CONC SLAB)
OPD NO.: ST1.02

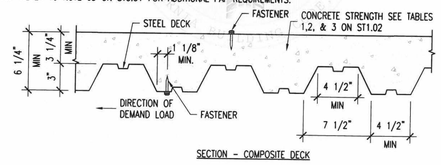
10/07/2014 OPD-0001-13: Reviewed for Code Compliance by Karim Page 19 of 86

6 ST1.02
12" = 1'-0"

PLOT DATE: Oct 01, 2014

POWER ACTUATED FASTENER (PAF) GENERAL NOTES (INSTALLED IN CONCRETE FILLED METAL DECK OR CONC SLAB)

1. POWER ACTUATED FASTENER (PAF), POWDER DRIVEN FASTENERS (PDF), POWER DRIVEN PINS (PDP), SHOT PINS ALL REPRESENT THE SAME FASTENER AND WILL HEREAFTER BE REFERRED TO AS POWER ACTUATED FASTENERS (PAF).
2. ALLOWABLE STRENGTHS SHALL BE COMPARED TO ALLOWABLE STRESS DESIGN (ASD) LEVEL DEMAND IN ACCORDANCE WITH THE 2013 CBC SECTION 1605A.3.1.
3. ALLOWABLE STRENGTHS ARE FOR A SINGLE FASTENER WHICH MEET REQUIREMENTS PER SECTION BELOW AND TABLES ON ST1.02. THE ALLOWABLE STRENGTHS ARE BASED UPON THE LEAST OF THE ALLOWABLE STRENGTHS LISTED IN THE ICC ESRS 1799, 2024, 2138, & 2269.
4. MINIMUM CONCRETE STRENGTH f'_c=2000 PSI FOR NORMAL WEIGHT CONCRETE AND f'_c=3000 PSI FOR ALL LIGHT WEIGHT CONCRETE UNLESS NOTED OTHERWISE.
5. POWER ACTUATED FASTENER INSTALLED THROUGH LOW FLUTES OF THE METAL DECK SHALL MEET THE REQUIREMENTS OF THE INSTALLATION CRITERIA AND SECTION BELOW.
6. MINIMUM EDGE DISTANCE OF 1 1/8" FROM THE EDGE OF METAL DECK WEB AND 4" FROM THE EDGE OF THE DECK.
7. STEEL DECK TO BE A MINIMUM OF 20GA.
8. CONCRETE FILL DEPTH ABOVE THE TOP OF METAL DECK MUST BE A MINIMUM OF 3 1/4" AT LIGHT WEIGHT CONCRETE COMPOSITE METAL DECK.
9. PAF SHALL NOT BE USED TO RESIST SEISMIC SHEAR FORCES EXCEPT AT INTERIOR NON-LOAD BEARING, NON-SHEAR WALL PARTITION WALLS (AS PERMITTED BY 2013 CBC SECTION 1908A.1.1) AND COMPONENTS EXEMPT FROM CONSTRUCTION DOCUMENT REVIEW BY 2013 CBC SECTION 1616A.1.18 (NOT PERMITTED TO TAKE SEISMIC SHEAR BY ICC-ES AC70 FOR ANY OTHER CONDITIONS). PAF SHALL NOT BE USED TO CARRY SEISMIC TENSION LOADS (EXCEPT FOR VERTICAL SEISMIC LOAD PRODUCED BY SELF WEIGHT OF THE COMPONENTS) OR IN CRACKED CONCRETE UNLESS APPROVED FOR SUCH LOADING BY OSHPD.
10. PAF SHALL NOT BE USED IN PRE-STRESSED CONCRETE UNLESS NON-DESTRUCTIVE TESTING METHODS ARE USED TO LOCATE STRAND AND REINFORCEMENT PRIOR TO FASTENER INSTALLATION.
11. PAF INSTALLATION SHALL NOT NICK OR DAMAGE EXISTING CONCRETE REINFORCEMENT. SHOULD THIS OCCUR THE RDP IN RESPONSIBLE CHARGE SHALL BE NOTIFIED IMMEDIATELY. PAF SHALL BE INSTALLED 1" CLEAR OF EXISTING REINFORCEMENT. THIS MAY REQUIRE NON-DESTRUCTIVE TESTING.
12. PAF SHALL BE INSTALLED PER CURRENT ICC-ES EVALUATION REPORTS (OR REPORTS FROM OTHER TESTING AGENCIES ACCEPTABLE TO OSHPD).
13. TESTING OF PAF SHALL BE PER 2013 CBC SECTION 1913A.7. MINIMUM CONCRETE SUBSTRATE THICKNESS IS THREE TIMES THE PAF PENETRATION INTO THE CONCRETE SUBSTRATE.
14. TESTING IS NOT REQUIRED OF PAF USED TO ATTACHED TRACKS OF INTERIOR NON-SHEAR WALL PARTITIONS FOR SHEAR ONLY WHERE THERE ARE AT LEAST THREE FASTENERS.
15. TOTAL ALLOWABLE LOADS IN TENSION, SHEAR OR TENSION SHEAR COMBINATIONS SHALL NOT EXCEED 90 LB AS PERMITTED BY EXCEPTION TO THE ASCE 7-10 SECTION 13.4.5.
16. REFER TO NOTE 6D ON ST0.01 FOR ADDITIONAL PAF REQUIREMENTS.



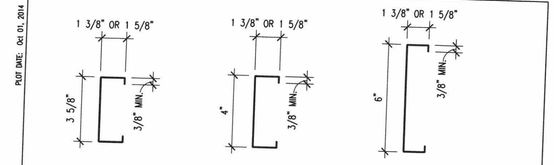
SECTION - COMPOSITE DECK

SECTION TITLE: STANDARD PARTITION WALL DETAILS
SHEET TITLE: POWER ACTUATED FASTENER (PAF) GENERAL NOTES (INSTALLED IN CONCRETE FILLED METAL DECK OR CONC SLAB)
OPD NO.: ST1.01

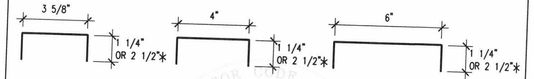
10/07/2014 OPD-0001-13: Reviewed for Code Compliance by Karim Page 18 of 86

5 ST1.01
12" = 1'-0"

PLOT DATE: Oct 01, 2014



STRUCTURAL STUD ('S'-SECTIONS)



STRUCTURAL TRACK ('T'-SECTIONS)

* - DEEP LEG TRACK (WHERE OCCURS AS NOTED IN DETAILS)

DESIGNATION THICKNESS (MILS)	REFERENCE ONLY GAUGE NO.
18	25
27	22
33	20
43	18
54	16
68	14
97	12
118	10

NOTES:
1. SEE WALL STUD FRAMING SECTIONS FOR THICKNESS OF STUDS & TRACKS.
2. Fy = 50KSI FOR 54 MIL (16GA) & THICKER SECTIONS, AND Fy = 33KSI FOR SECTIONS UP TO & INCLUDING 43 MIL (18GA).
3. SIZES AND THICKNESS ARE CONSIDERED MINIMUMS.
4. STRUCTURAL STUDS MAY BE PUNCHED UNLESS NOTED OTHERWISE. STRUCTURAL TRACK SHALL BE UNPUNCHED UNLESS NOTED OTHERWISE.

SECTION TITLE: STANDARD PARTITION WALL DETAILS
SHEET TITLE: METAL STUD PROFILES
OPD NO.: ST1.00

10/07/2014 OPD-0001-13: Reviewed for Code Compliance by Karim Page 17 of 86

4 ST1.00
12" = 1'-0"

PLOT DATE: Oct 01, 2014

D. SEISMIC COEFFICIENTS:

a_p = 1.0 (ASCE 7-10, TABLE 13.5-1, CEILINGS, PARTITIONS, CABINETS, ETC.)

R_p = 2.5 (ASCE 7-10, TABLE 13.5-1, CEILINGS, PARTITIONS, CABINETS, ETC.)

Ω_o = 2.5 (ASCE 7-10, TABLE 13.5-1, CEILINGS, PARTITIONS, CABINETS, ETC.)

Ip = 1.5 (ASCE 7-10, SECTION 13.1.3)

z/h = 1.0 (ALLOWS FOR INSTALLATION AT ANY FLOOR OR ROOF LEVEL OF THE BUILDING)

F_p = LARGER OF 5 PSF IN ACCORDANCE WITH 2013 CBC SECTION 1607A.14 OR SEISMIC DESIGN FORCE IN ACCORDANCE WITH ASCE 7-10 SECTION 13.3.1

$F_x = 0.2S_{DS}D$ (ASCE 7-10, SECTION 13.3.1), APPLIED CONCURRENTLY WITH F_p

ρ = 1.0 (ASCE 7-10, SECTION 13.3.1)

S_{DS} - WHERE LIMITING S_{DS} VALUES ARE NOT EXPLICITLY NOTED IN THE OPD, FRAMING SYSTEM OR COMPONENT SHOWN IN THE OPD HAS BEEN DESIGNED TO ACCOMMODATE ALL S_{DS} VALUES UP TO 1.95g. PROJECT SPECIFIC DESIGN IS REQUIRED FOR S_{DS} HIGHER THAN 1.95g.

E. DEFLECTION LIMIT = L/120 (2013 CBC TABLE 1604A.3, INTERIOR PARTITION WALLS WITH FLEXIBLE FINISHES). NOT PERMITTED FOR INTERIOR PARTITION WALLS WITH BRITTLE FINISHES.

F. FASTENER ALLOWABLE STRENGTH TABLES WERE DEVELOPED BASED ON ICC REPORTS BY MULTIPLE MANUFACTURERS.

G. THE OPD DESIGN ASSUMES THAT STRUCTURAL ELEMENTS AND SUPPORTS TO WHICH THE COMPONENTS ARE ANCHORED HAVE SUFFICIENT CAPACITY TO CARRY THE LOADS IMPOSED BY THE COMPONENTS IN COMBINATION WITH ALL OTHER LOADS. EVALUATION OF THE CAPACITY OF THESE SUPPORTING STRUCTURAL ELEMENTS IS BEYOND THE SCOPE OF THE OPD.

H. LG BEAMER 8.10 SOFTWARE WAS USED FOR STUD CAPACITY CHECK. THIS SOFTWARE USES AISI S100-07/S2-10 AS THE BASIS FOR SECTION PROPERTY CALCULATIONS AND INTERACTION CHECKS.

8. THE RDP IN RESPONSIBLE CHARGE SHALL VERIFY FIRE RESISTIVE AND ACOUSTICAL RATINGS FOR ALL PARTITION WALL ASSEMBLIES.

9. INDIVIDUAL DETAILS WITHIN THIS OPD TYPICALLY RELY UPON OTHER DETAILS FOR INFORMATION ESSENTIAL TO THEIR APPLICATION. OPD ARE TO BE USED IN CONJUNCTION WITH ALL RELATED, APPLICABLE DETAILS WITHIN THIS OPD PACKAGE INCLUDING THE GENERAL NOTES.

10. OPD PROVIDE OPTIONS FOR COMPONENTS SUCH AS STUD SIZES, BRACES SIZES, FASTENERS, ETC. THE RDP IN RESPONSIBLE CHARGE SHALL CLEARLY IDENTIFY ALL COMPONENTS SELECTED FOR USE IN THE PROJECT-SPECIFIC CONDITIONS.

SECTION TITLE: STANDARD PARTITION WALL DETAILS
SHEET TITLE: GENERAL NOTES - PAGE 3 OF 3
OPD NO.: ST0.02

10/07/2014 OPD-0001-13: Reviewed for Code Compliance by Karim Page 16 of 86

3 ST0.02
12" = 1'-0"

PLOT DATE: Oct 01, 2014

C. POST-INSTALLED ANCHORS (E.G. EXPANSION ANCHORS, SCREW ANCHORS, AND POWER-ACTUATED FASTENERS) SHALL HAVE SPECIAL INSPECTION AND TESTING IN ACCORDANCE WITH THE 2013 CBC SECTIONS 1705A.3 & 1913A.7. FOR QUALIFICATION, DESIGN AND USE OF POST-INSTALLED ANCHORS IN CONCRETE, SEE THE 2013 CBC SECTIONS 1616A.1.19 AND 1908A.1.1 LISTING OF CURRENT ICC-ES EVALUATION REPORTS (OR REPORTS FROM OTHER TESTING AGENCIES ACCEPTABLE TO OSHPD) SHALL BE REQUIRED FOR FASTENERS USED.

D. POWER-ACTUATED FASTENERS (PAF), POWDER DRIVEN FASTENERS (PDF), POWER DRIVEN PINS (PDP) AND SHOT PINS ALL REPRESENT THE SAME DEVICE AND WILL HEREAFTER BE REFERRED TO AS POWER ACTUATED FASTENERS (PAF). PAF SHALL SATISFY THE CURRENT AC70-ACCEPTANCE CRITERIA FOR FASTENERS POWER-DRIVEN INTO CONCRETE, STEEL AND MASONRY ELEMENTS AND THE 2013 CBC SECTION 1908A.1.1. LISTING OF CURRENT ICC-ES EVALUATION REPORTS (OR REPORTS FROM OTHER TESTING AGENCIES ACCEPTABLE TO OSHPD) SHALL BE REQUIRED FOR FASTENERS USED.

E. FOR PAF INSTALLED IN STEEL THE FASTENER PENETRATION SHALL HAVE THE ENTIRE POINTED END OF THE FASTENER DRIVEN THROUGH THE STEEL MEMBER, EXCEPT AS NOTED IN CURRENT REPORTS FROM TESTING AGENCIES ACCEPTABLE TO OSHPD.

7. DESIGN CRITERIA

A. CODE: 2013 CALIFORNIA BUILDING STANDARDS CODE (2013 CBC), ASCE 7-10 WITH SUPPLEMENT #1, AISI S100-07/S2-10, AISI S211-07 WALL STUD DESIGN AND AISI S212-07 FOR HEADER DESIGN.

B. LOAD COMBINATIONS: ALLOWABLE STRESS DESIGN IN ACCORDANCE WITH 2013 CBC SECTION 1605A.3.1.

C. SYSTEM WEIGHTS:

PARTITION WALLS = 7.5 PSF (INCLUDES METAL STUDS, TWO LAYERS OF GYP BOARD, TWO LAYERS ON ONE SIDE OR ONE LAYER ON BOTH SIDES, AND 1 PSF FOR INSULATION AND FINISHES)

SOFFITS = 10 PSF (INCLUDES METAL STUDS, TWO LAYERS OF GYP BOARD, TWO LAYERS ON ONE SIDE OR ONE LAYER ON BOTH SIDES, AND 3.5 PSF FOR INSULATION, FINISHES AND MINOR FIXTURES)

DOORS AND WINDOWS = 10 PSF

CABINETS = 38 PCF (INCLUDES CONTENTS AT 33 PCF PER 2013 CBC TABLE 1607A.1 AND CABINET SELF WEIGHT OF 5 PCF)

EQUIPMENT = 38 PCF (EQUIPMENT LOAD IS ASSUMED TO BE THE SAME AS CABINET LOAD)

SECTION TITLE: STANDARD PARTITION WALL DETAILS
SHEET TITLE: GENERAL NOTES - PAGE 2 OF 3
OPD NO.: ST0.01

10/07/2014 OPD-0001-13: Reviewed for Code Compliance by Karim Page 15 of 86

2 ST0.01
12" = 1'-0"

PLOT DATE: Oct 01, 2014

GENERAL NOTES

1. CONSTRUCTION, WORKMANSHIP AND MATERIALS SHALL CONFORM TO THE 2013 CALIFORNIA BUILDING STANDARDS CODE (2013 CBSC).
2. THE CONTRACTOR SHALL NOTIFY OSHPD AND THE REGISTERED DESIGN PROFESSIONAL (RDP) IN RESPONSIBLE CHARGE WHERE A CONFLICT OR DISCREPANCY OCCURS BETWEEN THE OSHPD PRE-APPROVED DETAILS (OPD) AND ANY OTHER PORTION OF THE CONSTRUCTION DOCUMENTS, FIELD CONDITIONS OR WHERE ANY CONDITIONS ARISE NOT COVERED BY THESE DOCUMENTS WHEREIN WORK WILL NOT COMPLY WITH THE REQUIREMENTS OF THE 2013 CBSC.
3. THE INTENT OF THE OPD IS TO CONSTRUCT THE HOSPITAL BUILDING IN ACCORDANCE WITH THE 2013 CBSC. SHOULD ANY CONDITION DEVELOP NOT COVERED BY THE APPROVED PLANS AND SPECIFICATIONS WHEREIN THE WORK WILL NOT COMPLY WITH THE 2013 CBSC, A CHANGE ORDER DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY OSHPD BEFORE PROCEEDING WITH THE WORK.
4. GALVANIZED METAL STUDS, TRACKS AND SHEET STEEL SHALL CONFORM TO ASTM A635-09a MATERIAL, OR OTHER EQUIVALENT ASTM LISTED MATERIALS IN SECTION A2.1 OF THE AISI S100-07/S2-10: NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS, WITH SUPPLEMENT 2, DATED 2010, WITH A MINIMUM YIELD STRENGTH OF 33 KSI FOR 43 MIL (18 GAGE) AND LIGHTER AND MINIMUM YIELD STRENGTH OF 50 KSI FOR HEAVIER GAGES.
5. METAL STUDS AND TRACKS SHALL BE OF SIZE, THICKNESS AND SECTION PROPERTIES SHOWN ON TABLES I-1, I-2 AND I-3 OF THE AISI MANUAL, COLD FORMED STEEL DESIGN, 2008 EDITION. THE RDP IN RESPONSIBLE CHARGE SHALL OBTAIN OSHPD APPROVAL FOR ANY SUBSTITUTIONS.
6. THESE OPD REFER TO FASTENER TYPE AND SIZE BUT DO NOT SPECIFY OR ENDORSE A SPECIFIC MANUFACTURER. THE RDP IN RESPONSIBLE CHARGE SHALL SELECT A MANUFACTURER, AND SELECTED FASTENER CAPACITIES SHALL MATCH OR EXCEED THE ALLOWABLE STRENGTHS LISTED HEREIN. THE FOLLOWING REQUIREMENTS SHALL ALSO BE MET:

A. SHEET METAL SCREWS SHALL COMPLY WITH ASTM C 1513-10, ASME B18.6.4-98 (R2005) AND ICC-ES AC 118 AND ALLOWABLE STRENGTH SHALL BE BASED ON INFORMATION PROVIDED IN ST1.07 AND ST1.08. PENETRATION OF SCREWS THROUGH JOINED MATERIAL SHALL NOT BE LESS THAN THREE EXPOSED THREADS.

B. WELDING SHALL BE IN ACCORDANCE WITH AWS D1.3 USING E60XX SERIES ELECTRODES. ALL FIELD WELDING SHALL HAVE SPECIAL INSPECTION IN ACCORDANCE WITH 2013 CBC 1705A.2.

SECTION TITLE: STANDARD PARTITION WALL DETAILS
SHEET TITLE: GENERAL NOTES - PAGE 1 OF 3
OPD NO.: ST0.00

10/07/2014 OPD-0001-13: Reviewed for Code Compliance by Karim Page 14 of 86

1 ST0.00
12" = 1'-0"

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LICENSED ARCHITECT JOSEPH MICHAEL SFEIR No. C28543 REN. 1-31-19 STATE OF CALIFORNIA

REV:	DESCRIPTION:	DATE:
1	1 OSHPD COMMENTS	05/21/2017
2	2 OSHPD COMMENTS	08/21/2017

CONSULTANT

OSHPD APPROVAL STAMP:
OSHPD #: S170837-37-00

SHEET TITLE: DETAILS

PROJECT TITLE: TCMC PHYSICIANS LOUNGE

PROJECT #: 01657.00
DRAWN BY: Author
CHECKED BY: Checker
SCALE: 12" = 1'-0"
DATE: 04/07/2017

SHEET NUMBER: A5-83

100% CONSTRUCTION DOCUMENTS

PLOT DATE: Oct 01, 2014

PARTITION WALL SCHEDULES

SCHEDULE 1: MINIMUM PARTITION WALL STUD SIZE (PARTITION CONDITION 'A')

S_{DS}	WALL HEIGHT				
	9 FT	12 FT	16 FT		
0.25–0.99	362S137–33	362S137–33	362S137–43	400S137–43	600S137–33
1.00–1.25	362S137–33	362S137–33	362S137–43	400S137–43	600S137–33
1.26–1.45	362S137–33	362S137–33	362S137–43	400S137–43	600S137–33
1.46–1.95	362S137–33	362S137–33	362S137–54	400S137–54	600S137–43

SCHEDULE 2: MINIMUM PARTITION WALL STUD SIZE (PARTITION CONDITION 'B')

S_{DS}	WALL HEIGHT					
	9 FT	12 FT		16 FT		
0.25–0.99	362S137–33	362S137–43	400S137–43	362S137–54	400S137–43	600S137–43
1.00–1.25	362S137–33	362S137–43	400S137–43	NA	400S137–54	600S137–43
1.26–1.45	362S137–33	362S137–43	400S137–43	NA	400S137–54	600S137–43
1.46–1.95	362S137–33	362S137–54	400S137–43	NA	400S137–54	600S137–43

SCHEDULE 3: MINIMUM PARTITION WALL STUD SIZE (PARTITION CONDITION 'C')

S_{DS}	WALL HEIGHT					
	9 FT		12 FT			16 FT
0.25–0.99	362S137–33	400S137–54	362S137–54	400S137–43	600S137–43	600S137–43
1.00–1.25	362S137–43	400S137–54	362S137–54	400S137–54	600S137–43	600S137–43
1.26–1.45	362S137–43	400S137–54	NA	400S137–54	600S137–43	600S137–43
1.46–1.95	362S137–54	400S137–54	NA	NA	600S137–54	600S137–54

SCHEDULE 4: MINIMUM PARTITION WALL STUD SIZE (PARTITION CONDITION 'D')

S_{DS}	WALL HEIGHT						
	9 FT			12 FT			16 FT
0.25–0.99	362S137–33	400S137–43	600S137–43	362S137–43	400S137–43	600S137–43	600S137–43
1.00–1.25	362S137–43	400S137–43	600S137–43	NA	400S137–54	600S137–43	600S137–43
1.26–1.45	362S137–43	400S137–43	600S137–43	NA	400S137–54	600S137–43	600S137–54
1.46–1.95	NA	400S137–54	600S137–54	NA	NA	600S137–54	600S137–54

NOTES:
1. PARTITION WALL STUDS ARE SPACED @ 16" O.C. TYPICAL UNLESS NOTED OTHERWISE.
2. SEE ST2.06 FOR PARTITION WALL ELEVATION & ADDITIONAL INFORMATION.
3. SEE ST2.00 FOR DEFINITION OF PARTITION WALL CONDITIONS.
4. SEE ST1.00 FOR METAL STUD PROFILES.
5. 362S137–33 IS A 3 5/8" WIDE SSMA STUD WITH 1 3/8" WIDE FLANGE THAT IS 33 MIL THICK.
6. STUDS SHOWN IN THE TABLES ABOVE CAN BE REPLACED BY EQUIVALENT STUDS WITH EQUAL OR HIGHER AREA (A), SECTION MODULUS (S_x, S_y) AND MOMENT OF INERTIA (I_x, I_y) PROVIDED MATERIALS CONFORM TO THE SAME ASTM STANDARD WITH EQUAL OR HIGHER YIELD STRENGTH (f_y) AND ULTIMATE STRENGTH (f_u) WHEN APPROVED.
7. PARTITION WALLS TO HAVE LATERAL BRACING @ 48" O.C. PER ST4.00 OR ST4.01, FOR FULL HT OF PARTITION WALL. LATERAL BRACING IS NOT REQUIRED WHERE GYP BOARD IS INSTALLED ON BOTH SIDES OF PARTITION WALL.

SECTION TITLE: STANDARD PARTITION WALL DETAILS
SHEET TITLE: PARTITION WALL SCHEDULES
OPD NO.: ST2.01

10/07/2014 OPD-0001-13: Reviewed for Code Compliance by Karim Page 33 of 86

6 ST2.01
12" = 1'-0"

PLOT DATE: Oct 01, 2014

TYPICAL PARTITION WALL CONDITIONS

CONDITION 'A' – PARTITION WALL WITHOUT ATTACHMENTS. SEE DETAIL ST2.02

CONDITION 'B' – PARTITION WALL SUPPORTING CABINETS OR EQUIPMENT ON ONE SIDE OR BOTH SIDES OF THE WALL DISTRIBUTING UP TO 50 LB TOTAL VERTICAL LOAD PER STUD (37 PLF). REFER TO GENERAL NOTE 7C ON ST0.01. CENTER OF GRAVITY LESS THAN 6" FROM THE FACE OF THE STUD. SEE DETAIL ST2.03.

CONDITION 'C' – PARTITION WALL SUPPORTING OVERHEAD AND/OR BASE CABINETS OR EQUIPMENT ON ONE SIDE OR BOTH SIDES OF THE WALL, DISTRIBUTING UP TO 152 LB TOTAL VERTICAL LOAD PER STUD (114 PLF). REFER TO GENERAL NOTE 7C ON ST0.01. CENTER OF GRAVITY WITHIN 6" OF FACE OF THE STUD. SEE DETAIL ST2.04.

CONDITION 'D' – PARTITION WALL SUPPORTING FULL HEIGHT CABINETS OR EQUIPMENT ON ONE SIDE OR BOTH SIDES OF THE WALL, DISTRIBUTING UP TO 380 LB TOTAL VERTICAL LOAD PER STUD (285 PLF). REFER TO GENERAL NOTE 7C ON ST0.01. CENTER OF GRAVITY WITHIN 6" OF FACE OF THE STUD. SEE DETAIL ST2.04.

SECTION TITLE: STANDARD PARTITION WALL DETAILS
SHEET TITLE: TYPICAL PARTITION WALL CONDITIONS
OPD NO.: ST2.00

10/07/2014 OPD-0001-13: Reviewed for Code Compliance by Karim Page 32 of 86

5 ST2.00
12" = 1'-0"

PLOT DATE: Oct 01, 2014

SCREW ANCHOR ALLOWABLE STRENGTHS

TABLE 1

SCREW ANCHORS INSTALLED IN THE UNDERSIDE OF STRUCTURAL SAND–LIGHT WEIGHT CONCRETE (f'_c MIN=3000 PSI) OVER METAL DECK

ANCHOR DIA. (IN)	EMBED (IN)	SHEAR (LB)	TENSION (LB)
3/8	2 1/2	465	364
1/2	2 1/2	496	343

TABLE 2

SCREW ANCHORS INSTALLED IN TO THE TOP OF STRUCTURAL SAND–LIGHTWEIGHT CONCRETE (f'_c MIN=3000 PSI) OVER METAL DECK

ANCHOR DIA. (IN)	EMBED (IN)	SHEAR (LB)	TENSION (LB)
3/8	2 1/2	571	283
1/2	2 1/2	628	371

TABLE 3

SCREW ANCHORS INSTALLED IN NORMAL WEIGHT CONCRETE (f'_c MIN=3000 PSI)

ANCHOR DIA. (IN)	EMBED (IN)	SHEAR (LB)	TENSION (LB)
3/8	2 1/2	951	497
1/2	2 1/2	1047	618
1/2	3 1/2	2013	1153
5/8	3 1/4	1756	1412
5/8	5	3463	1637

SECTION TITLE: STANDARD PARTITION WALL DETAILS
SHEET TITLE: SCREW ANCHOR DESIGN ALLOWABLE STRENGTHS
OPD NO.: ST1.10

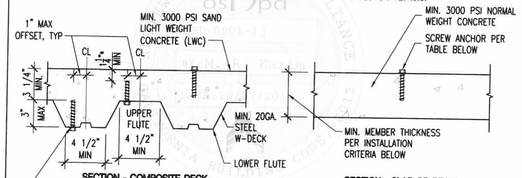
10/07/2014 OPD-0001-13: Reviewed for Code Compliance by Karim Page 27 of 86

4 ST1.10
12" = 1'-0"

PLOT DATE: Oct 01, 2014

SCREW ANCHOR GENERAL NOTES

1. ALLOWABLE STRENGTHS SHALL BE COMPARED TO ALLOWABLE STRESS DESIGN (ASD) LEVEL DEMAND IN ACCORDANCE WITH THE 2013 CBC SECTION 1605A.3.1.
2. ALLOWABLE STRENGTHS ARE FOR SINGLE ANCHORS WHICH MEET MIN. REQUIREMENTS PER TABLE & SECTION BELOW.
3. MINIMUM CONCRETE STRENGTH f'c=3000 PSI.
4. STEEL DECK TO BE MIN. 20 GA. W–DECK.
5. MINIMUM CONCRETE FILL DEPTH ABOVE THE TOP OF METAL DECK PER SECTION AND INSTALLATION CRITERIA BELOW.
6. SCREW ANCHORS SHALL NOT BE USED IN PRE–STRESSED CONCRETE UNLESS NON–DESTRUCTIVE TESTING METHODS ARE USED TO LOCATE STRAND & REINFORCING PRIOR TO ANCHOR INSTALLATION.
7. SCREW ANCHOR INSTALLATION SHALL NOT NICK OR DAMAGE EXISTING REINFORCEMENT. SHOULD THIS OCCUR THE RDP IN RESPONSIBLE CHARGE SHALL BE NOTIFIED IMMEDIATELY. SCREW ANCHORS SHALL BE INSTALLED 1" CLEAR OF EXISTING REINFORCEMENT.
8. SCREW ANCHORS SHALL BE INSTALLED PER CURRENT ICC–ES EVALUATION REPORT OR REPORT FROM OTHER TESTING AGENCIES ACCEPTABLE TO OSHPD.
9. TESTING OF SCREW ANCHORS SHALL BE PER 2013 CBC SECTION 1913A.7.
10. SCREW ANCHORS SHALL BE INSTALLED TO COMPLY W/ THE MINIMUM SLAB THICKNESS REQUIREMENTS ESTABLISHED BY THE ICC–ESR FOR THE SPECIFIED ANCHOR.
11. REFER TO NOTE 6C ON ST0.01 FOR ADDITIONAL SCREW ANCHOR REQUIREMENTS.
12. ALL VALUES IN TABLES ARE FOR CRACKED CONCRETE & INCLUDE REDUCTION BASED ON ACI 318–11 D3.3.4 REQUIREMENTS. THE ALLOWABLE STRENGTHS ARE BASED UPON THE LEAST OF THE ALLOWABLE STRENGTHS CALCULATED USING THE ICC ESRS 2526, 2713 & 3027 AND USING AN α FACTOR OF 1.4.
13. USE OF SCREW ANCHOR SHALL BE LIMITED TO DRY INTERIOR CONDITIONS. REUSE OF SCREW ANCHOR OR SCREW ANCHOR HOLE SHALL NOT BE PERMITTED.
14. ALL VALUES IN TABLES REFLECT THE ALLOWABLE STRENGTHS WITH 20% ALLOWABLE STRESS INCREASE FOR LOAD COMBINATIONS WITH OVERSTRENGTH FACTOR IN ACCORDANCE WITH ASCE 7–10 SECTION 12.4.3.3.



SECTION – COMPOSITE DECK **SECTION – SLAB OR BEAM**

HOLE DIAMETER IN THE STEEL DECK MUST NOT EXCEED THE DIAMETER OF THE HOLE IN THE CONCRETE BY MORE THAN 1/8".

*FOR ESR 2526 & 2713, TOP CONCRETE COVER CAN BE REDUCED TO 3/4".

SCREW ANCHORS INSTALLATION CRITERIA

	NOMINAL ANCHOR DIAMETER (IN)				
	3/8	1/2		5/8	
EFFECTIVE MIN. EMBEDMENT (IN)	2 1/2	2 1/2	3 1/2	3 1/4	5
MIN. MEMBER THICKNESS NWC SLAB OR BEAM ONLY (IN)	4 1/4	5	6	6	7
MIN. ANCHOR SPACING (IN)	3	3 1/2	3	5	4
MIN. EDGE DISTANCE (IN)	3 3/4	3 3/4	5 1/4	4 7/8	7 1/2

SECTION TITLE: STANDARD PARTITION WALL DETAILS
SHEET TITLE: SCREW ANCHOR GENERAL NOTES
OPD NO.: ST1.09

10/07/2014 OPD-0001-13: Reviewed for Code Compliance by Karim Page 26 of 86

3 ST1.09
12" = 1'-0"

PLOT DATE: Oct 01, 2014

EXPANSION ANCHOR ALLOWABLE STRENGTHS

TABLE 1

EXPANSION ANCHORS INSTALLED IN TO THE UNDERSIDE OF STRUCTURAL SAND–LIGHTWEIGHT CONCRETE (f'_c MIN=3000 PSI) OVER METAL DECK

ANCHOR DIA. (IN)	EMBED (IN)	SHEAR (LB)	TENSION (LB)
3/8	2	747	604
1/2	2 1/4	1029	610
1/2	3 1/4	1173	1086
5/8	3 1/4	1353	836
5/8	4 1/4	2477	1941

TABLE 2

EXPANSION ANCHORS INSTALLED IN TO THE TOP OF STRUCTURAL SAND–LIGHTWEIGHT CONCRETE (f'_c MIN=3000 PSI) OVER METAL DECK

ANCHOR DIA. (IN)	EMBED (IN)	SHEAR (LB)	TENSION (LB)
3/8	2	806	624
1/2	2 1/4	948	660

TABLE 3

EXPANSION ANCHORS INSTALLED IN NORMAL WEIGHT CONCRETE (f'_c MIN=3000 PSI)

ANCHOR DIA. (IN)	EMBED (IN)	SHEAR (LB)	TENSION (LB)
3/8	2	1020	961
1/2	2 1/4	1580	1101
1/2	3 1/4	2591	2003
5/8	3 1/4	2579	2150
5/8	4 1/4	3772	3113

SECTION TITLE: STANDARD PARTITION WALL DETAILS
SHEET TITLE: EXPANSION ANCHOR ALLOWABLE STRENGTHS
OPD NO.: ST1.04

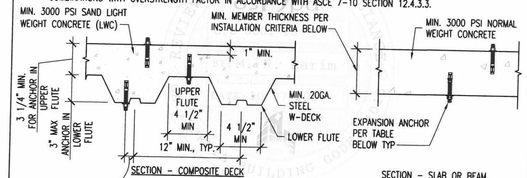
10/07/2014 OPD-0001-13: Reviewed for Code Compliance by Karim Page 21 of 86

2 ST1.04
12" = 1'-0"

PLOT DATE: Oct 01, 2014

EXPANSION ANCHOR GENERAL NOTES

1. ALLOWABLE STRENGTHS SHALL BE COMPARED TO ALLOWABLE STRESS DESIGN (ASD) LEVEL DEMAND IN ACCORDANCE WITH THE 2013 CBC SECTION 1605A.3.1.
2. ALLOWABLE STRENGTHS ARE FOR SINGLE ANCHORS WHICH MEET MIN. REQUIREMENTS PER TABLE & SECTION BELOW.
3. MINIMUM CONCRETE STRENGTH f'c=3000 PSI.
4. EXPANSION ANCHORS INSTALLED THROUGH UPPER OR LOWER FLUTES OF METAL DECK SHALL MEET THE REQUIREMENTS OF THE INSTALLATION CRITERIA AND SECTION BELOW.
5. STEEL DECK TO BE MIN. 20 GA. W–DECK.
6. MINIMUM CONCRETE FILL DEPTH ABOVE THE TOP OF METAL DECK PER SECTION AND INSTALLATION CRITERIA BELOW.
7. EXPANSION ANCHORS SHALL NOT BE USED IN PRE–STRESSED CONCRETE UNLESS NON–DESTRUCTIVE TESTING METHODS ARE USED TO LOCATE STRAND & REINFORCING PRIOR TO ANCHOR INSTALLATION.
8. EXPANSION ANCHOR INSTALLATION SHALL NOT NICK OR DAMAGE EXISTING REINFORCEMENT. SHOULD THIS OCCUR THE RDP IN RESPONSIBLE CHARGE SHALL BE NOTIFIED IMMEDIATELY. EXPANSION ANCHORS SHALL BE INSTALLED 1" CLEAR OF EXISTING REINFORCEMENT.
9. EXPANSION ANCHORS SHALL BE INSTALLED PER CURRENT ICC–ES EVALUATION REPORT OR REPORT FROM OTHER TESTING AGENCY ACCEPTABLE TO OSHPD.
10. TESTING OF EXPANSION ANCHORS SHALL BE PER 2013 CBC SECTION 1913A.7.
11. EXPANSION ANCHORS SHALL BE INSTALLED TO COMPLY W/ THE MINIMUM SLAB THICKNESS REQUIREMENTS ESTABLISHED BY THE ICC–ESR FOR THE SPECIFIED ANCHOR.
12. REFER TO NOTE 6C ON ST0.01 FOR ADDITIONAL EXPANSION ANCHOR REQUIREMENTS.
13. ALL VALUES IN TABLES ARE FOR CRACKED CONCRETE & INCLUDE REDUCTION BASED ON ACI 318–11 D3.3.4 REQUIREMENTS. THE ALLOWABLE STRENGTHS ARE BASED UPON THE LEAST OF THE ALLOWABLE STRENGTHS CALCULATED USING THE ICC ESRS 1917, 2427, 2502, & 3037 AND USING AN α FACTOR OF 1.4.
14. ALL VALUES IN TABLES REFLECT THE ALLOWABLE STRENGTHS WITH 20% ALLOWABLE STRESS INCREASE FOR LOAD COMBINATIONS WITH OVERSTRENGTH FACTOR IN ACCORDANCE WITH ASCE 7–10 SECTION 12.4.3.3.



SECTION – COMPOSITE DECK **SECTION – SLAB OR BEAM**

EXPANSION ANCHORS INSTALLATION CRITERIA

	NOMINAL ANCHOR DIAMETER (IN)				
	3/8	1/2		5/8	
EFFECTIVE MIN. EMBEDMENT (IN)	2	2 1/4	3 1/4	3 1/8	4
MIN. MEMBER THICKNESS NWC SLAB OR BEAM ONLY (IN)	4.5	4.5	6	6	7 1/4
MIN. ANCHOR SPACING (3 x EMBED) (IN)	6 3/4	6 3/4	9 3/4	9 3/8	12
MIN. EDGE DISTANCE (IN)	6	7	7 1/2	6 1/2	8 3/4

SECTION TITLE: STANDARD PARTITION WALL DETAILS
SHEET TITLE: EXPANSION ANCHOR GENERAL NOTES
OPD NO.: ST1.03

10/07/2014 OPD-0001-13: Reviewed for Code Compliance by Karim Page 20 of 86

1 ST1.03
12" = 1'-0"

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LICENSED ARCHITECT JOSEPH MICHEL SFEIR No. C28543 REN. 1-31-19 STATE OF CALIFORNIA

REV:	DESCRIPTION:	DATE:
1	OSHPD COMMENTS	05/21/2017
2	OSHPD COMMENTS	08/21/2017

CONSULTANT:

OSHPD APPROVAL STAMP:
OSHPD #: S170837-37-00

SHEET TITLE: DETAILS

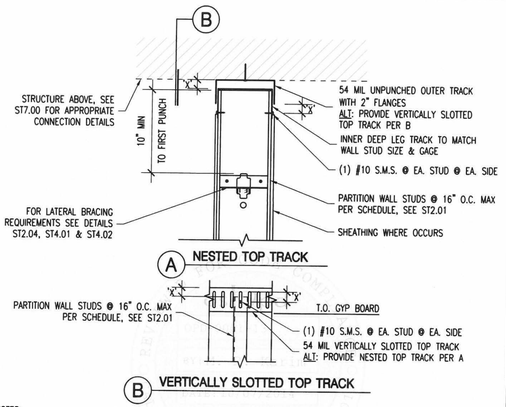
PROJECT TITLE: TCMC PHYSICIANS LOUNGE

PROJECT #: 01657.00
DRAWN BY: Author
CHECKED BY: Checker
SCALE: 12" = 1'-0"
DATE: 04/07/2017

SHEET NUMBER: A5-84

100% CONSTRUCTION DOCUMENTS

PLOT DATE: Oct 01, 2014



NOTES:
1. DO NOT CONNECT OUTER TRACK TO INNER TRACK OR STUDS (DETAIL A ONLY).
2. DO NOT CONNECT WALL FINISH TO OUTER TRACK (DETAILS A & B).
3. GAP 'X' - BY RDP IN RESPONSIBLE CHARGE, 1/2" MIN. TO 3/4" MAX.
4. RDP IN RESPONSIBLE CHARGE TO VERIFY "UL" RATING FOR HEAD OF WALL ASSEMBLY. APPROVED FIRE RESISTANT ASSEMBLY REQUIRED.
5. DETAIL B TO BE USED WHERE ONLY VERTICAL SLIP REQUIRED. WHERE HORIZONTAL, IN-PLANE SLIP IS REQUIRED, USE DETAIL A, DO NOT USE DETAIL B. DO NOT USE DETAIL B FOR ST7.08.
6. SEE TOP CONNECTION DEMAND SCHEDULE ON ST6.11.
7. LATERAL BRACING ONLY REQUIRED IF GYP BOARD IS NOT FULL HEIGHT ON BOTH SIDES OF PARTITION WALL SEE ST2.06, ST4.00 & ST4.01.
8. DETAIL APPLIES TO ALL PARTITION WALL CONDITIONS & ALL S_{DS} CATEGORIES.

SECTION TITLE: STANDARD PARTITION WALL DETAILS
SHEET TITLE: TYPICAL TOP TRACK ANCHORAGE - ALL PARTITION WALL CONDITIONS
OPD NO.: ST7.01

6 ST7.01
12" = 1'-0"

PLOT DATE: Oct 01, 2014

TOP AND BOTTOM CONNECTION DEMAND SCHEDULES

TOP AND BOTTOM CONNECTION DEMANDS (PARTITION WALL CONDITION 'A')

S_{DS}	SEISMIC REACTION AT THE TOP & BOTTOM CONNECTION FOR DIFFERENT WALL HEIGHT (LBS/FT)		
	9 FT	12 FT	16 FT
0.25-0.99	17	23	31
1.00-1.25	22	29	38
1.26-1.45	26	34	45
1.46-1.95	34	45	60

TOP AND BOTTOM CONNECTION DEMANDS (PARTITION WALL CONDITION 'B')

S_{DS}	SEISMIC REACTION AT THE TOP & BOTTOM CONNECTION FOR DIFFERENT WALL HEIGHT (LBS/FT)					
	9 FT		12 FT		16 FT	
	BOTTOM	TOP	BOTTOM	TOP	BOTTOM	TOP
0.25-0.99	25	29	33	32	43	38
1.00-1.25	32	36	42	40	54	47
1.26-1.45	37	42	50	47	64	54
1.46-1.95	50	56	67	61	86	72

TOP AND BOTTOM CONNECTION DEMANDS (PARTITION WALL CONDITION 'C')

S_{DS}	SEISMIC REACTION AT THE TOP & BOTTOM CONNECTION FOR DIFFERENT WALL HEIGHT (LBS/FT)					
	9 FT		12 FT		16 FT	
	BOTTOM	TOP	BOTTOM	TOP	BOTTOM	TOP
0.25-0.99	102	78	123	68	142	65
1.00-1.25	130	96	155	85	179	80
1.26-1.45	153	111	183	98	211	93
1.46-1.95	206	146	245	129	282	124

TOP AND BOTTOM CONNECTION DEMANDS (PARTITION WALL CONDITION 'D')

S_{DS}	SEISMIC REACTION AT THE TOP & BOTTOM CONNECTION FOR DIFFERENT WALL HEIGHT (LBS/FT)					
	9 FT		12 FT		16 FT	
	BOTTOM	TOP	BOTTOM	TOP	BOTTOM	TOP
0.25-0.99	101	77	122	68	141	65
1.00-1.25	128	98	155	86	179	81
1.26-1.45	149	114	180	101	208	95
1.46-1.95	200	152	241	134	278	127

NOTES:
1. CONNECTION DEMANDS ARE PROVIDED TO ALLOW RDP IN RESPONSIBLE CHARGE TO VERIFY NON PRE-APPROVED COMPONENTS OF THE FRAMING SYSTEM AND THE SUPPORTING STRUCTURE.
2. SEE ST2.02 FOR TYPICAL PARTITION WALL SECTIONS.
3. LOADS GIVEN IN PLF MULTIPLY BY APPROPRIATE BRACE SPACING FOR REACTIONS.
4. LOADS GIVEN DO NOT INCLUDE Ω. FOR CONCRETE ATTACHMENTS ASCE 7-10 W/ SUPPLEMENT #1 TABLE 13.5-1.

SECTION TITLE: STANDARD PARTITION WALL DETAILS
SHEET TITLE: TOP & BOTTOM CONNECTION DEMAND SCHEDULES
OPD NO.: ST6.11

5 ST6.11
12" = 1'-0"

PLOT DATE: Oct 01, 2014

TOP CONNECTION CONDITIONS - PARTIAL HEIGHT PARTITION WALL

STRUCTURE ABOVE TOP TRACK	PARTIAL HEIGHT PARTITION WALL-BRACE TO STRUCTURE CONNECTION
LIGHT WEIGHT (MIN. 3000 PSI) CONCRETE FILLED METAL DECK	ST6.04
NORMAL WEIGHT (MIN. 3000 PSI) CONCRETE SLAB OR BEAM SOFFIT	ST6.05
CONCRETE PAN JOIST OR WAFFLE SLAB SYSTEM	ST6.06
METAL ROOF DECK WITHOUT CONCRETE FILL	ST6.07
STEEL BEAM	ST6.08 & ST6.09
WOOD FRAMING	ST6.10

NOTES:
1. SEE ST6.02 & ST6.03 FOR TYPICAL DETAILS OF CEILING HEIGHT PARTITION WALLS WITH A TOP TRACK CONNECTION BRACED TO THE STRUCTURE ABOVE. SEE ST6.01 FOR BRACE SPACING, SIZE AND CONNECTION SCHEDULE.
2. SEE ST7.00 FOR FULL HEIGHT PARTITION WALLS.
3. FOR TOP & BOTTOM CONNECTION DEMAND SCHEDULE SEE ST6.11.

SECTION TITLE: STANDARD PARTITION WALL DETAILS
SHEET TITLE: TOP CONNECTION CONDITIONS - PARTIAL HEIGHT PARTITION WALL
OPD NO.: ST6.00

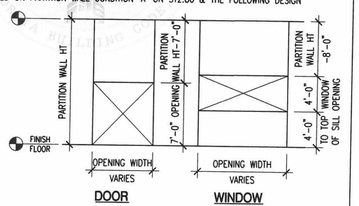
4 ST6.00
12" = 1'-0"

PLOT DATE: Oct 01, 2014

PARTITION WALL OPENING FRAMING SCHEDULE

OPENING WIDTH	S_{DS}	PARTITION WALL HT UP TO:	CONN. DETAIL	JAMBS (# OF STUD)-MIL			HEADER			SILL (SEE NOTE 3)		
				3 5/8" WALL	4" WALL	6" WALL	FRAMING	FIGURE	MIL	FRAMING	FIGURE	MIL
≤ 4'-0"	0.25-0.99	9'-0"	ST3.05-A OR ST3.05-B	(1)-33	(1)-33	(1)-33	(1)TRACK		SAME MIL AS WALL	(1)TRACK		33 MIN.
		12'-0"		(2)-33	(1)-54 OR (2)-33	(1)-54 OR (2)-33	(1)TRACK & (1) STUD		54			
		16'-0"		(2)-33	(2)-33	(2)-33						
	1.00-1.25	9'-0"	ST3.05-A OR ST3.05-B	(1)-33	(1)-33	(1)-33	(1)TRACK		SAME MIL AS WALL	(1)TRACK		33 MIN.
		12'-0"		(2)-33	(2)-33	(1)-54 OR (2)-33	(1)TRACK & (1) STUD		54			
		16'-0"		(2)-43	(2)-33	(2)-33						
	1.26-1.45	9'-0"	ST3.05-A OR ST3.05-B	(1)-33	(1)-33	(1)-33	(1)TRACK		SAME MIL AS WALL	(1)TRACK		33 MIN.
		12'-0"		(2)-33	(2)-33	(1)-54 OR (2)-33	(1)TRACK & (1) STUD		54			
		16'-0"		(2)-43	(2)-43	(2)-33						
	1.45-1.95	9'-0"	ST3.05-A OR ST3.05-B	(1)-43 OR (2)-33	(1)-43 OR (2)-33	(1)-33	(1)TRACK		SAME MIL AS WALL	(1)TRACK		33 MIN.
		12'-0"		(2)-33	(2)-33	(1)-54 OR (2)-33	(1)TRACK & (1) STUD		54			
		16'-0"		(2)-54	(2)-54	(2)-43						
				SEE DETAIL: ST3.04			SEE DETAIL: ST3.02			SEE DETAIL: ST3.03		

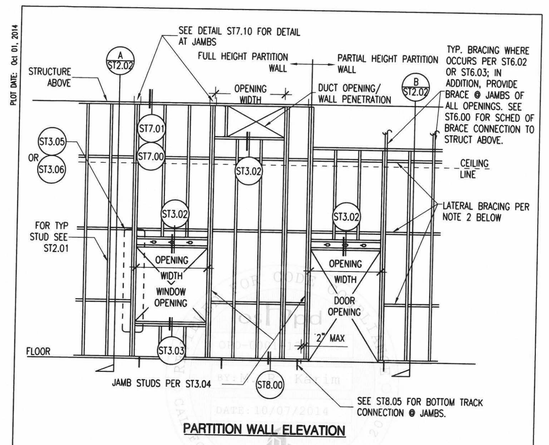
NOTES:
1. SEE GENERAL NOTES ON ST0.00, ST0.01, & ST0.02 FOR LIGHT GAUGE STEEL REQUIREMENTS AND DETAIL ST1.00 FOR SECTION PROFILES.
2. STUDS SHALL MATCH WALL SIZES, I.E. 362S FOR 3 5/8" WALL, 400S FOR 4" WALL & 600S FOR 6" WALL.
3. SCHEDULE FOR SILL BASED ON 4'-0" MAX HT. FOR SILLS TALLER THAN 4'-0" USE HEADER FRAMING.
4. JAMB, HEADER & SILL DESIGN BASED ON PARTITION WALL CONDITION 'A' ON ST2.00 & THE FOLLOWING DESIGN ASSUMPTIONS:



SECTION TITLE: STANDARD PARTITION WALL DETAILS
SHEET TITLE: PARTITION WALL OPENING FRAMING SCHEDULE (4'-0" MAX OPENING WIDTH)
OPD NO.: ST3.00

3 ST3.00
12" = 1'-0"

PLOT DATE: Oct 01, 2014



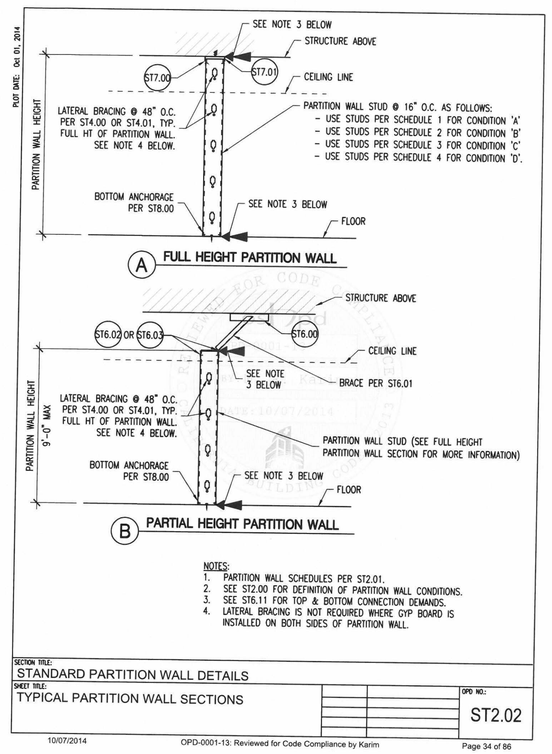
PARTITION WALL ELEVATION

NOTES:
1. ATTACHMENT OF CEILING, EQUIPMENT, ETC. TO THE JAMB, HEADER OR STUD ABOVE THE HEADER IS NOT PERMITTED WITHOUT THE APPROVAL OF THE RDP IN RESPONSIBLE CHARGE & OSHPD.
2. LATERAL BRACING PER ST4.00 & ST4.01 @ 4'-0" O.C. MAX. LATERAL BRACING NOT REQUIRED WHERE GYP. BOARD OCCURS ON BOTH SIDES OF PARTITION WALL.
3. SEE ST2.07 FOR CONDITION AT OVERLAPPING OPENINGS.

SECTION TITLE: STANDARD PARTITION WALL DETAILS
SHEET TITLE: PARTITION WALL ELEVATION - FULL HEIGHT AND PARTIAL HEIGHT PARTITION WALLS
OPD NO.: ST2.06

2 ST2.06
12" = 1'-0"

PLOT DATE: Oct 01, 2014



NOTES:
1. PARTITION WALL SCHEDULES PER ST2.01.
2. SEE ST2.00 FOR DEFINITION OF PARTITION WALL CONDITIONS.
3. SEE ST6.11 FOR TOP & BOTTOM CONNECTION DEMANDS.
4. LATERAL BRACING IS NOT REQUIRED WHERE GYP BOARD IS INSTALLED ON BOTH SIDES OF PARTITION WALL.

SECTION TITLE: STANDARD PARTITION WALL DETAILS
SHEET TITLE: TYPICAL PARTITION WALL SECTIONS
OPD NO.: ST2.02

1 ST2.02
12" = 1'-0"

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REV:	DESCRIPTION:	DATE:
1	1 OSHPD COMMENTS	05/21/2017
2	2 OSHPD COMMENTS	08/21/2017

CONSULTANT:

OSHPD APPROVAL STAMP:
OSHPD #: S170837-37-00

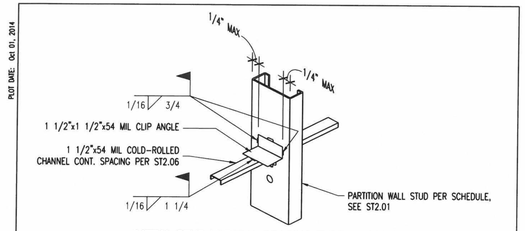
SHEET TITLE: DETAILS

PROJECT TITLE: TCMC PHYSICIANS LOUNGE

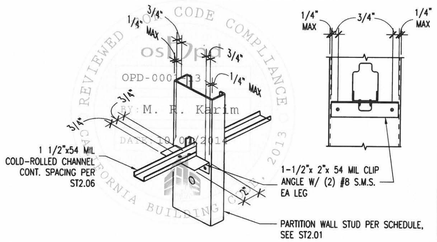
PROJECT #: 01657.00
DRAWN BY: Author
CHECKED BY: Checker
SCALE: 12" = 1'-0"
DATE: 04/07/2017

SHEET NUMBER: A5-85

100% CONSTRUCTION DOCUMENTS



METAL STUD LATERAL BRACING TYPE 1 - OPTION 1



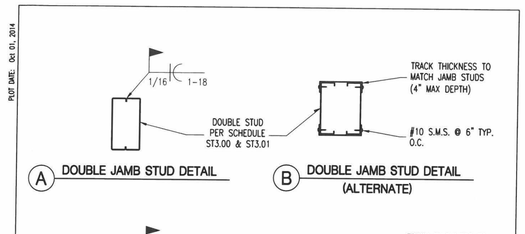
METAL STUD LATERAL BRACING TYPE 1 - OPTION 2

NOTES:
1. LATERAL BRACING IS NOT REQUIRED WHERE GYP. BOARD IS INSTALLED ON BOTH SIDES OF PARTITION WALL.
2. NOTCHING OR CUTTING OF COLD-ROLLED CHANNEL IS NOT PERMITTED FOR ANY CONDITION.

SECTION TITLE: STANDARD PARTITION WALL DETAILS
SHEET TITLE: METAL STUD LATERAL BRACING TYPE 1
OPD NO.: ST4.00

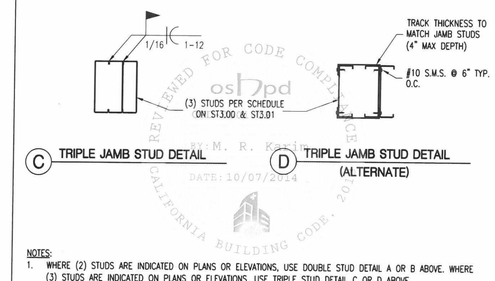
10/07/2014 OPD-0001-13: Reviewed for Code Compliance by Karim Page 47 of 86

5 ST4.00
12" = 1'-0"



A DOUBLE JAMB STUD DETAIL

B DOUBLE JAMB STUD DETAIL (ALTERNATE)



C TRIPLE JAMB STUD DETAIL

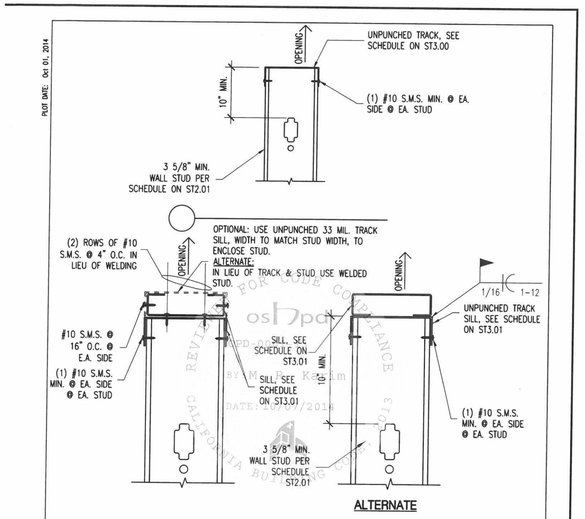
D TRIPLE JAMB STUD DETAIL (ALTERNATE)

NOTES:
1. WHERE (2) STUDS ARE INDICATED ON PLANS OR ELEVATIONS, USE DOUBLE STUD DETAIL A OR B ABOVE. WHERE (3) STUDS ARE INDICATED ON PLANS OR ELEVATIONS, USE TRIPLE STUD DETAIL C OR D ABOVE.
2. FOR STUD THICKNESSES, SEE SCHEDULE ON ST3.00 & ST3.01.

SECTION TITLE: STANDARD PARTITION WALL DETAILS
SHEET TITLE: JAMB STUD DETAILS
OPD NO.: ST3.04

10/07/2014 OPD-0001-13: Reviewed for Code Compliance by Karim Page 44 of 86

4 ST3.04
12" = 1'-0"



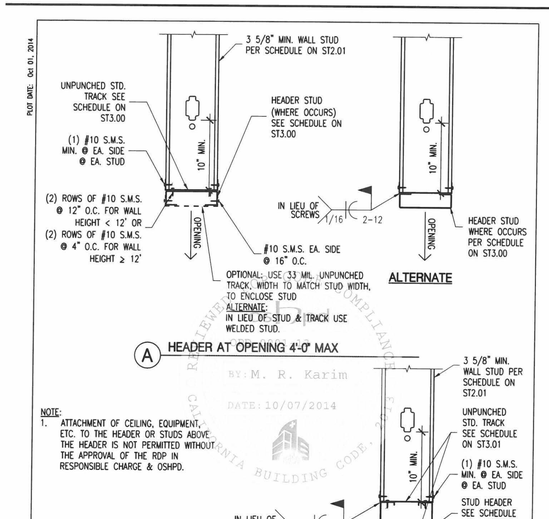
ALTERNATE

B SILL AT OPENING 4'-0" TO 10'-0" MAX

SECTION TITLE: STANDARD PARTITION WALL DETAILS
SHEET TITLE: SILL SECTION
OPD NO.: ST3.03

10/07/2014 OPD-0001-13: Reviewed for Code Compliance by Karim Page 43 of 86

3 ST3.03
12" = 1'-0"



ALTERNATE

A HEADER AT OPENING 4'-0" MAX

NOTE:
1. ATTACHMENT OF CEILING, EQUIPMENT, ETC. TO THE HEADER OR STUDS ABOVE THE HEADER IS NOT PERMITTED WITHOUT THE APPROVAL OF THE RDP IN RESPONSIBLE CHARGE & OSHPD.

B HEADER AT OPENING 4'-0" TO 10'-0" MAX

SECTION TITLE: STANDARD PARTITION WALL DETAILS
SHEET TITLE: HEADER SECTION
OPD NO.: ST3.02

10/07/2014 OPD-0001-13: Reviewed for Code Compliance by Karim Page 42 of 86

2 ST3.02
12" = 1'-0"

PARTITION WALL OPENING FRAMING SCHEDULE

OPENING WIDTH	Sds	PARTITION WALL HT UP TO:	CONN. DETAIL	JAMBS (# OF STUD)-MIL 3 5/8" WALL	4" WALL	6" WALL	HEADER FRAMING	HEADER FIGURE	HEADER MIL	SILL (SEE NOTE 3) FRAMING	SILL FIGURE	SILL MIL
>4'-0" TO ≤10'-0"	0.25-0.99	9'-0"	ST3.06-C ST3.06-D OR ST3.06-E	(1)-54 OR (2)-33	(1)-54 OR (2)-33	(1)-43 OR (2)-33	(1)TRACK	6	54	(1)TRACK &(1)STUD		43 MIN.
		12'-0"		(2)-33	(2)-33	(2)-33	(2)TRACK & (2) STUD					
		16'-0"		(2)-54	(2)-54	(2)-43						
	1.00-1.25	9'-0"	ST3.06-C ST3.06-D OR ST3.06-E	(1)-54 OR (2)-33	(1)-54 OR (2)-33	(1)-43 OR (2)-33	(2)TRACK	6	54	(1)TRACK &(1)STUD		43 MIN.
		12'-0"		(2)-43 OR (3)-33	(2)-43 OR (3)-33	(2)-33	(2)TRACK & (2) STUD					
		16'-0"		(3)-54	(3)-33 (2)-43 OR	(2)-43						
	1.26-1.45	9'-0"	ST3.06-C ST3.06-D OR ST3.06-E	(1)-54 OR (2)-33	(1)-54 OR (2)-33	(1)-43 OR (2)-33	(2)TRACK	6	54	(1)TRACK &(1)STUD		43 MIN.
		12'-0"		(2)-43 OR (3)-33	(2)-43 OR (3)-33	(2)-33	(2)TRACK & (2) STUD					
		16'-0"		(3)-54	(2)-54	(2)-43						
	1.45-1.95	9'-0"	ST3.06-C ST3.06-D OR ST3.06-E	(2)-33	(2)-33	(1)-54 OR (2)-33	(2)TRACK	6	54	(1)TRACK &(1)STUD		43 MIN.
		12'-0"		(2)-43 OR (3)-33	(2)-43 OR (3)-33	(2)-33	(2)TRACK & (2) STUD					
		16'-0"		(3)-54	(3)-54	(2)-43						
				SEE DETAIL: ST3.04			SEE DETAIL: ST3.02			SEE DETAIL: ST3.03		

NOTES:
1. SEE GENERAL NOTES ON ST0.00, ST0.01 & ST0.02 FOR LIGHT GAUGE STEEL REQUIREMENTS AND DETAIL ST1.00 FOR SECTION PROFILES.
2. STUDS SHALL MATCH WALL SIZES; I.E. 362S FOR 3 5/8" WALL, 400S FOR 4" WALL & 600S FOR 6" WALL.
3. SCHEDULE FOR SILL BASED ON 4'-0" MAX HT. FOR SILLS TALLER THAN 4'-0" USE HEADER FRAMING.
4. SEE ST3.00 FOR DESIGN ASSUMPTIONS.

SECTION TITLE: STANDARD PARTITION WALL DETAILS
SHEET TITLE: WALL OPENING FRAMING SCHEDULE (OPENING WIDTH 4'-0" TO 10'-0" MAX)
OPD NO.: ST3.01

10/07/2014 OPD-0001-13: Reviewed for Code Compliance by Karim Page 41 of 86

1 ST3.01
12" = 1'-0"

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LICENSED ARCHITECT JOSEPH MICHEL SFEIR No. C 38643 REN. 1-31-19 STATE OF CALIFORNIA

1	1 OSHPD COMMENTS	05/21/2017
2	2 OSHPD COMMENTS	08/21/2017

REV: DESCRIPTION: DATE:

CONSULTANT:

OSHPD APPROVAL STAMP:
OSHPD #: S170837-37-00

SHEET TITLE: DETAILS

PROJECT TITLE: TCMC PHYSICIANS LOUNGE

PROJECT #: 01657.00
DRAWN BY: Author
CHECKED BY: Checker
SCALE: 12" = 1'-0"
DATE: 04/07/2017

SHEET NUMBER: A5-86

100% CONSTRUCTION DOCUMENTS

PLOT DATE: Oct 01, 2014

TOP TRACK CONNECTION TO LWC FILLED METAL DECK & NWC SLAB (MIN 3000 PSI) FASTENER SPACING SCHEDULES

PARTITION WALL CONDITION 'A'

S_{DS}/ WALL HEIGHT	PAF SPACING (INCHES O.C.) PER ST7.02 DETAIL A		
	9 FT	12 FT	16 FT
0.25–0.99	30	24	18
1.00–1.25	24	18	12
1.26–1.45	24	18	12
1.46–1.95	18	12	6

FOR DETAIL B THROUGH D (STRAP OR Z–CLIP) DOUBLE THE SPACING INDICATED UP TO 48" OC.

PARTITION WALL CONDITION 'B'

S_{DS}/ WALL HEIGHT	PAF SPACING (INCHES O.C.) PER ST7.02 DETAIL A		
	9 FT	12 FT	16 FT
0.25–0.99	18	18	12
1.00–1.25	12	12	12
1.26–1.45	12	12	6
1.46–1.95	6	6	6

FOR DETAIL B THROUGH D (STRAP OR Z–CLIP) DOUBLE THE SPACING INDICATED UP TO 48" OC.

PARTITION WALL CONDITION 'C'

S_{DS}/ WALL HEIGHT	PAF SPACING (INCHES O.C.) PER ST7.02 DETAIL A		
	9 FT	12 FT	16 FT
0.25–0.99	6	6	6
1.00–1.25	6	6	6
1.26–1.45	6	6	6
1.46–1.95	6	6	6

FOR DETAIL B THROUGH D (STRAP OR Z–CLIP) DOUBLE THE SPACING INDICATED UP TO 48" OC.

PARTITION WALL CONDITION 'D'

S_{DS}/ WALL HEIGHT	PAF SPACING (INCHES O.C.) PER ST7.02 DETAIL A		
	9 FT	12 FT	16 FT
0.25–0.99	6	6	6
1.00–1.25	6	6	6
1.26–1.45	6	6	6
1.46–1.95	6	6	6

FOR DETAIL B THROUGH D (STRAP OR Z–CLIP) DOUBLE THE SPACING INDICATED UP TO 48" OC.

NOTES:
1. SEE ST7.02 & ST7.03 FOR DETAILS A, B, C, & D.
2. VALUES IN TABLES ABOVE REPRESENT MAXIMUM SPACING. DECREASE SPACING AS REQ'D TO COORDINATE W/ METAL DECK FLUTE SPACING. WHERE PAF SPACING IS LESS THAN 12" OC, OK TO PROVIDE MULTIPLE PAF AT LOW FLUTE AS REQUIRED. MAINTAIN EDGE DISTANCE AND SPACING REQUIREMENTS PER ST1.01 & ST1.02.
3. SPACING LISTED INCLUDES Ω. PER ASCE 7–10 W/ SUPPLMENT #1 TABLE 13.5–1.

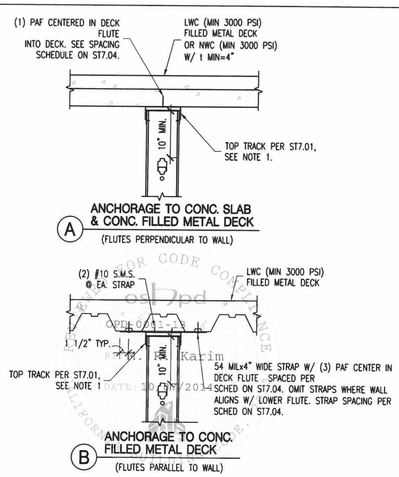
SECTION TITLE: STANDARD PARTITION WALL DETAILS

SHEET TITLE: TOP TRACK CONNECTION TO LWC FILLED METAL DECK & NWC SLAB FASTENER SPACING SCHEDULES

OPD NO.: ST7.04

3 ST7.04
12" = 1'-0"

PLOT DATE: Oct 01, 2014



A ANCHORAGE TO CONC. SLAB & CONC. FILLED METAL DECK
(FLUTES PERPENDICULAR TO WALL)

B ANCHORAGE TO CONC. FILLED METAL DECK
(FLUTES PARALLEL TO WALL)

NOTES:
1. SEE TOP CONNECTION DEMAND SCHEDULE ON ST6.11.
2. SEE ST1.01 & ST1.02 FOR PAF REQUIREMENTS.
3. SEE ST7.10 FOR CONNECTION AT JAMB LOCATION.
4. SEE ST2.01 FOR PARTITION WALL STUD SCHEDULE.
5. DETAIL APPLIES TO ALL PARTITION WALL CONDITIONS & ALL S_{DS} CATEGORIES.

SECTION TITLE: STANDARD PARTITION WALL DETAILS

SHEET TITLE: TOP TRACK CONNECTION TO LWC FILLED METAL DECK & NWC SLAB - ALL PARTITION WALL CONDITIONS

OPD NO.: ST7.02

2 ST7.02
12" = 1'-0"

PLOT DATE: Oct 01, 2014

STRUCTURE ABOVE TOP TRACK	FULL HEIGHT PARTITION WALL-TOP TRACK TO STRUCTURE CONNECTION
LIGHT WEIGHT (MIN. 3000 PSI) CONCRETE FILLED METAL DECK	ST7.02 & ST7.03
NORMAL WEIGHT (MIN. 3000 PSI) CONCRETE SLAB OR BEAM SOFFIT	ST7.02 & ST7.03
CONCRETE PAN JOIST OR WAFFLE SLAB SYSTEM	ST7.03, ST7.05 & ST7.06
METAL ROOF DECK WITHOUT STRUCTURAL CONCRETE FILL	ST7.07
STEEL BEAM	ST7.08
WOOD FRAMING	ST7.09

NOTES:
1. SEE ST7.01 THROUGH ST7.10 FOR TYPICAL DETAILS OF FULL HEIGHT PARTITION WALLS WITH A TOP TRACK CONNECTION DIRECTLY TO THE STRUCTURE ABOVE.
2. SEE ST6.00 FOR PARTIAL HEIGHT PARTITION WALLS.
3. FOR TOP & BOTTOM CONNECTION DEMAND SCHEDULE SEE ST6.11.

SECTION TITLE: STANDARD PARTITION WALL DETAILS

SHEET TITLE: TOP CONNECTION CONDITIONS - FULL HEIGHT PARTITION WALL

OPD NO.: ST7.00

1 ST7.00
12" = 1'-0"

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LICENSED ARCHITECT JOSEPH MICHEL SFEIR No. C28543 REN. 1-31-19 STATE OF CALIFORNIA

1	1	OSHPD COMMENTS	05/21/2017
2	2	OSHPD COMMENTS	08/21/2017

REV: DESCRIPTION: DATE:

CONSULTANT

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PROJECT #: 01657.00
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CHECKED BY: Checker
SCALE: 12" = 1'-0"
DATE: 04/07/2017

SHEET NUMBER: A5-87

100% CONSTRUCTION DOCUMENTS

GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, SITE CONDITIONS PRIOR TO STARTING CONSTRUCTION. THE ARCHITECT AND STRUCTURAL ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES OR INCONSISTENCIES.
2. THE ARCHITECT AND STRUCTURAL ENGINEER SHALL BE NOTIFIED OF ANY CONFLICTS OR OMISSIONS BETWEEN THE WORKING DRAWINGS OR SPECIFICATIONS BEFORE PROCEEDING ANY WORK SO AFFECTED. A CLARIFICATION SHALL BE ISSUED FOR SUCH CONFLICTS. ANY WORK PERFORMED IN CONFLICT WITH THE CONTRACT DOCUMENTS OR ANY CODE REQUIREMENTS SHALL BE CORRECTED BY THE ARCHITECT AND STRUCTURAL ENGINEER
3. THE STRUCTURAL DRAWINGS AND SPECIFICATIONS FOR CONSTRUCTION REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION. SUCH MEASURES INCLUDE, BUT NOT LIMITED TO, BRACING, SHORING, TO INSURE THE VERTICAL AND LATERAL STABILITY OF THE STRUCTURE. OBSERVATION VISITS TO THE SITE BY THE ARCHITECT AND STRUCTURAL ENGINEER SHALL NOT INCLUDE INSPECTION OF THE ABOVE ITEMS AND DOES NOT RELIEVE THE CONTRACTOR'S RESPONSIBILITIES.
4. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONFORMING TO ALL LOCAL, STATE AND FEDERAL SAFETY AND HEALTH STANDARDS, LAWS AND REGULATIONS. THE ARCHITECT AND STRUCTURAL ENGINEER WILL NOT ENFORCE SAFETY MEASURES OR REGULATIONS.
5. NOTES AND DETAILS ON THE DRAWINGS SHALL TAKE PRECEDENCE OVER THE GENERAL NOTES AND TYPICAL DETAILS. DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALES SHOWN ON THE DRAWINGS IN CASE OF CONFLICT.
6. ALL WORKS SHALL CONFORM TO THE STANDARDS OF THE 2016 CALIFORNIA BUILDING CODE.
7. A.S.T.M. SPECIFICATIONS NOTED ON THE DRAWINGS SHALL BE OF THE LATEST REVISION.
8. NO STRUCTURAL SUBSTITUTIONS OR CHANGES SHALL BE MADE IN THE FIELD. WRITTEN APPROVAL MUST BE OBTAINED FROM THE STRUCTURAL ENGINEER AND OSHPD FOR ANY SUBSTITUTIONS OR CHANGES FROM THE APPROVED CONSTRUCTION DOCUMENTS.
9. CONTRACTOR SHALL PROVIDE AND BE RESPONSIBLE FOR THE PROTECTION AND REPAIR OF ADJACENT EXISTING SURFACES AND AREAS WHICH MAY BE DAMAGED AS A RESULT OF NEW WORK.

EXPANSION ANCHOR BOLTS

1. ALL FIELD INSTALLED CONCRETE EXPANSION ANCHORS SHALL BE HILTI KB ANCHORS.

ANCHOR TYPE	ICC-ES ESR#
3/8"ø HILTI KB TZ	1917

ANCHOR W/ 2" EMBED. (INSTALLED IN NORMAL WEIGHT CONCRETE WITH fc' = 3000 PSI)

2. ALL ANCHORS SHALL BE TESTED BASED ON THE FOLLOWING CRITERIA:

ANCHOR TYPE	TORQUE	ICC-ES ESR#
3/8"ø HILTI KB TZ ANCHOR	25 FT-LBS	1917

MINIMUM ANCHOR EMBEDMENT SHALL BE 2"

WHEN INSTALLING DRILLED-IN ANCHORS AND/OR POWDER DRIVEN PINS IN EXISTING NON-PRESTRESSED REINFORCED CONCRETE, USE CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE EXISTING REINFORCING BARS OR EMBEDED PIPES AND CONDUITS IN THE SLAB BY USING A NON DESTRUCTIVE METHOD PRIOR TO INSTALLATION WHEN INSTALLING THEM INTO PRESTRESSED CONCRETE (PRE OR POST TENSIONED) LOCATED THE PRESTRESSED TENDONS BY USING A NON DESTRUCTIVE METHOD PRIOR TO INSTALLATION. EXERCISE EXTREME CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE TENDONS DURING INSTALLATION.

MAINTAIN 1" MINIMUM CLEARANCE BETWEEN EXISTING REINFORCEMENT AND THE EPOXY ANCHOR

APPLY PROOF TEST LOADS TO EPOXY ANCHORS WITHOUT REMOVING THE NUT IF POSSIBLE. OTHERWISE, REMOVE THE NUT AND INSTALL A THREADED COUPLER UP TO THE SAME TIGHTNESS OF THE ORIGINAL NUT USING A TORQUE WRENCH AND APPLY THE LOAD.

TESTING SHOULD OCCUR A MINIMUM 24 HOURS AFTER INSTALLATION OF THE SUBJECTED ANCHORS. IF THE MANUFACTURER'S RECOMMENDED INSTALLATION TORQUE IS LESS THAN THE TEST TORQUE, THE MANUFACTURER'S RECOMMANDED INSTALLATION TORQUE SHOULD BE USED IN LIEU OF THE TEST TORQUE. ANCHOR DIAMETER REFERS TO THE THREAD SIZE.

REACTION LOADS FROM TEST FIXTURES MAY BE APPLIED CLOSE TO THE ANCHOR BEING TESTED. PROVIDE THE ANCHOR IS NOT RESTRAINED FROM WITHDRAWING BY THE FIXTURE.

TEST EQUIPMENT INCLUDING TORQUE WRENCHES SHALL BE CALIBRATED BY AN APPROVED TESTING LABORATORY IN ACCORDANCE WITH STANDARD RECOGNIZED PROCEDURES.

TEST METHODS; THE FOLLOWING CRITERIA APPLY FOR THE ACCEPTANCE OF INSTALLED ANCHORS:

A). HYDRAULIC RAM METHOD:
ANCHORS TESTED WITH A HYDRAULIC JACK OR SPRING LOADED DEVICES SHALL MAINTAN THE TEST LOAD FOR MINIMUM OF 15 SECONDS AND SHALL EXHIBIT NO DISCERNABLE MOVEMENT DURING THE TENSION TEST, e.g., AS EVIDENCED BY LOOSENING OF THE WASHER UNDER NUT.

B). TORQUE WRENCH METHOD:
ANCHORS TESTED WITH A CALIBRATED TORQUE WRENCH MUST ATTAIN THE SPECIFIED TORQUE WITHIN $\frac{1}{2}$ TURN OF THE NUT.

EXCEPTIONS:
1. WEDGDE OR SLEEVE TYPE:
ONE-QUARTER ($\frac{1}{4}$) TURN OF THE NUT FOR A $\frac{3}{8}$ IN. SLEEVE ANCHOR ONLY.
2. THREADED TYPE:
ONE QUARTER ($\frac{1}{4}$) TURN OF THE SCREW AFTER INITIAL SEATING OF THE SCREW HEAD.

TESTING SHOULD OCCUR 24 HOURS MINIMUM AFTER INSTALLATION OF THE EPOXY ANCHOR.

MINIMUM OF 50% OF THE INSTALLED ANCHOR SHALL BE TESTED. (ALTERNATE ANCHORS IN ANY GROUP ARRANGEMENT) IF ANY ANCHOR FAILS TESTING, TEST ALL ANCHORS OF THE SAME TYPE, INSTALLED BY THE SAME TRADE, NOT PREVIOUSLY TESTED UNTIL TWENTY (20) CONSECUTIVE ANCHORS PASS, THEN RESUME THE INITIAL TEST FREQUENCY. TESTS SHALL BE PERFORMED PER CBC 2016, 1910A.5.

ALL TESTS SHALL BE PERFORMED IN THE PRESENCE OF THE INSPECTOR OF RECORD.

SEISMIC LOAD

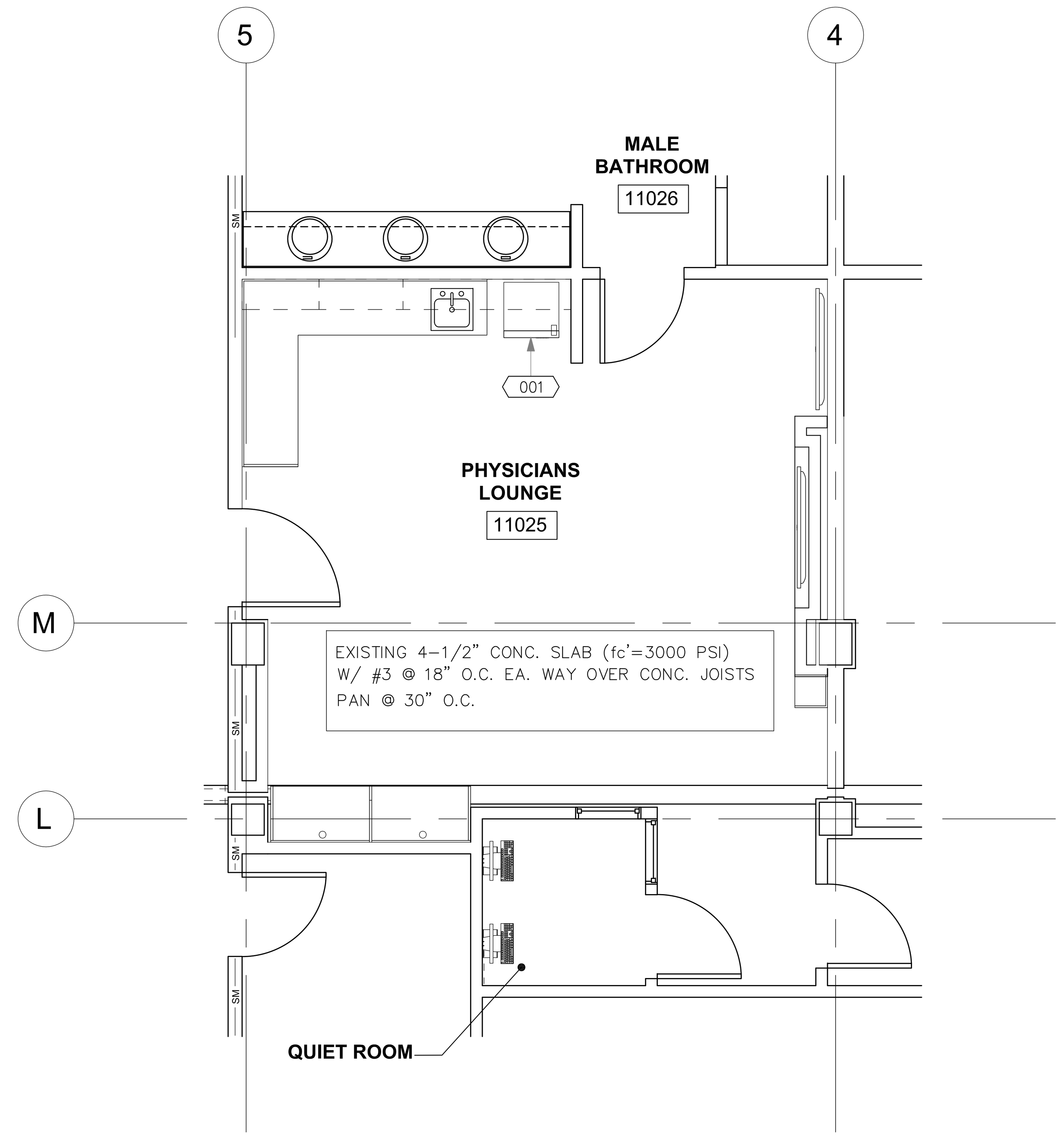
SITE LOCATION:
LONGITUDE: 117.291° WEST, LATITUDE: 33.184° NORTH

DESIGN SPECTRAL RESPONSE ACCLERATION:
S_{DS}= 0.760, S_{D1}= 0.435

SEISMIC IMPORTANCE FACTOR, Ip = 1.5

SEISMIC FORCE COEFFICIENTS:
a_p = 1.0, R_p= 2.5

SEISMIC DESIGN CATEGORY "D"



PARTIAL FLOOR PLAN

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

EQUIPMENT SCHEDULE

EQUIP #	DESCRIPTION	WEIGHT(APPROX.)	DETAIL
001	REFRIGIRATOR	800 LBS	3/SD1 4/SD1

NOTES

1. DO NOT SCALE THESE DRAWINGS. PRIOR TO START OF CONSTRUCTION, ALL DIMENSIONS AND ELEVATIONS MUST BE VERIFIED WITH THE APPRD. SET OF ARCHITECHURAL DRAWINGS. IN CASE OF DISCREPENCIES, STRUCTURAL ENGINEER OF RECORD MUST BE NOTIFIED IN WRITING.
2. ALL EXISTING MEMBER SIZES, SPACING, & DIMENSIONS MUST BE FIELD VERIFIED. IN CASE OF DISCREPANCIES STRUCTURAL ENGINEER MUST BE NOTIFIED IN WRITING.

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REGISTERED PROFESSIONAL ENGINEER
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S 4609
EXP. 6/30/2019
STRUCTURAL
STATE OF CALIFORNIA

REV:	DESCRIPTION:	DATE:
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2	OSHPD COMMENTS	08/21/2017

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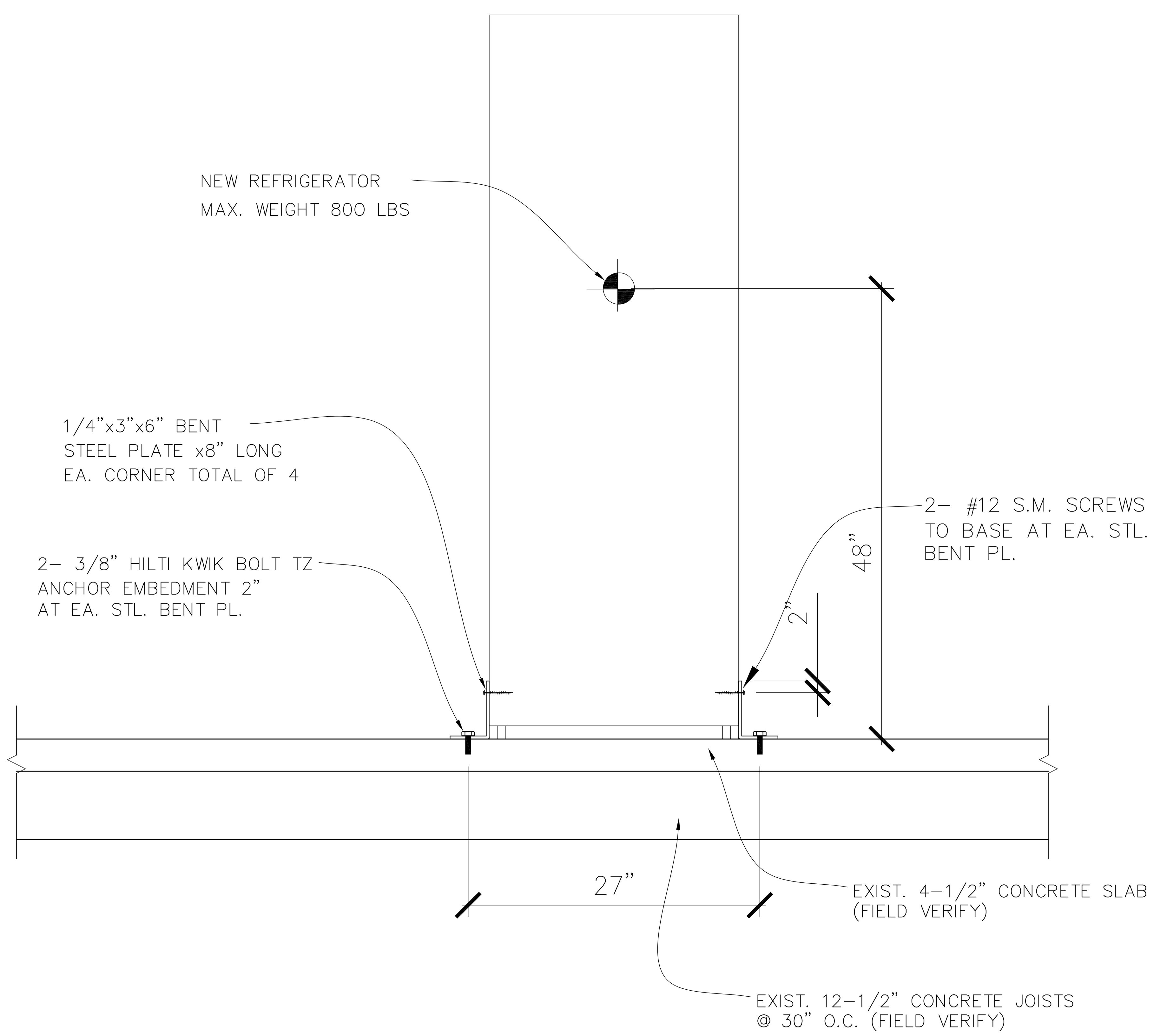
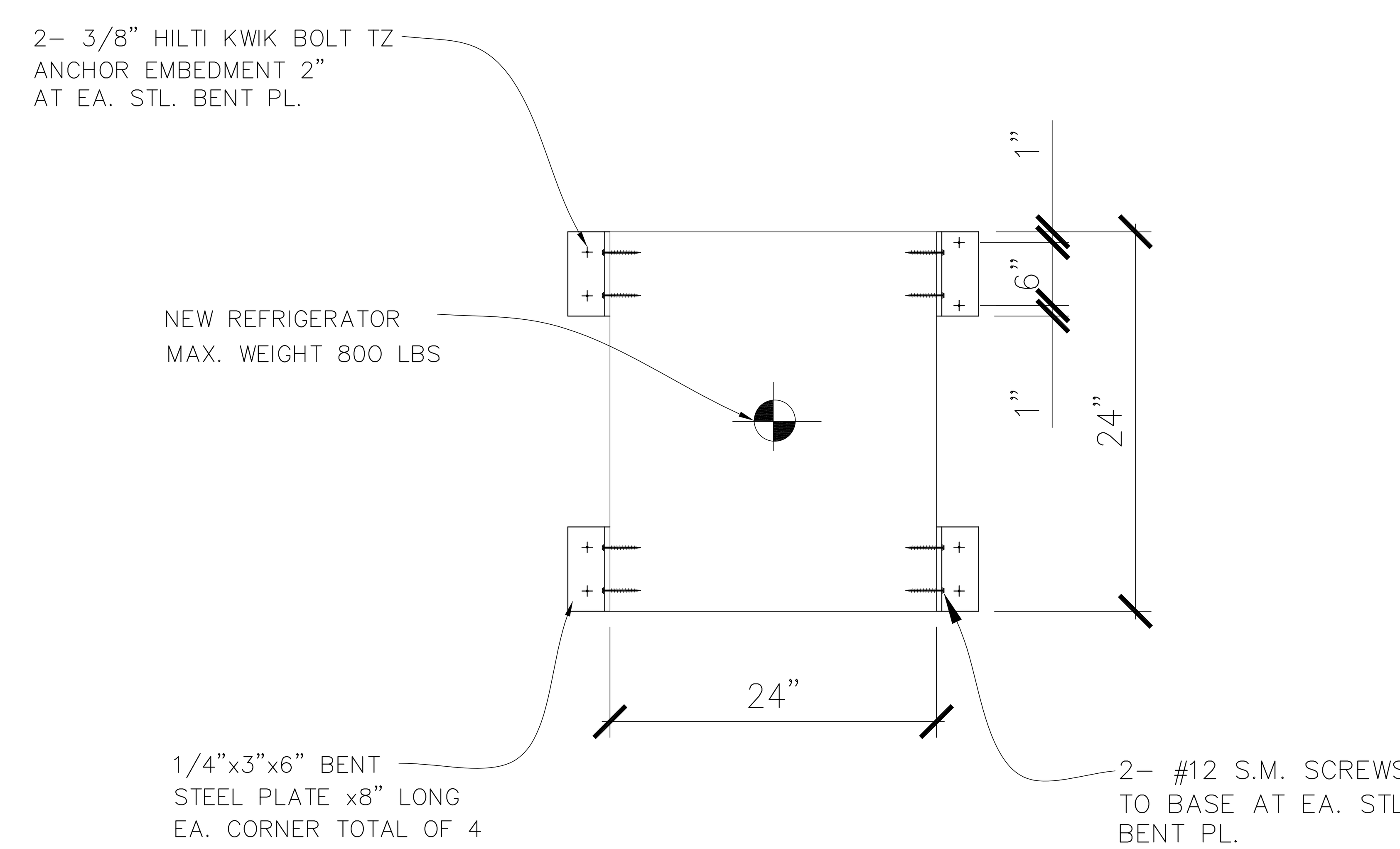
SHEET NUMBER: 1
S-I

100% CONSTRUCTION DOCUMENTS



3 REFRIGERATOR FRONT VIEW

SCALE: 1"=1'–0" 001



4 REFRIGERATOR PLAN VIEW

SCALE: 1"=1'–0" 001

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SHEET NUMBER: SDI

100% CONSTRUCTION DOCUMENTS

LEGEND

SYMBOL	DESCRIPTION
[-]	NOTE CALLOUT
	NEW LINEWORK
	EXISTING LINEWORK
	CONDUIT CONCEALED IN WALL OR ABOVE CEILING
	CONDUIT EXPOSED
	CONDUIT & WIRE TO BE DEMOLISHED
	CONDUIT CAPPED
A-1	BRANCH CIRCUIT HOMERUN TO PANELBOARD AND CIRCUITS AS INDICATED
E	CONDUIT EMERGENCY
	3/4" CONDUIT, TICK MARKS INDICATE QUANTITY OF #12 AWG WIRES (UNLESS NOTED OTHERWISE, NO MARKS INDICATES 2#12 & 1#12 GND WIRES) - SMALL MARK DENOTES HOT WIRE - LARGE MARK DENOTES NEUTRAL WIRE - DIAGONAL DENOTES GROUND WIRE
	CIRCUIT BREAKER
	TRANSFER SWITCH
	TRANSFORMER
	GROUND CONNECTION
	FUSED DISCONNECT SWITCH
	SINGLE POLE SWITCH, DEVICE SHALL BE MOUNTED +48" MAX AND +36" MIN FROM THE CENTER OF DEVICE:
J	JUNCTION BOX
	DUPLEX - WALL +18" A.F.F.
	DUPLEX - WALL +18" A.F.F. (CONNECT TO EMERGENCY GENERATOR)
J	JUNCTION BOX - WALL
	PANELBOARD, 120/208V - RECESSED
	PANELBOARD, 120/208V - SURFACE
	PANELBOARD, 277/480V - SURFACE

ABBREVIATIONS

ABBREVIATION	DESCRIPTION
A OR AMP	AMPERES
ABV	ABOVE
AFF	ABOVE FINISHED FLOOR
AIC	AMPERE INTERRUPTING CAPACITY
AL	ALUMINUM
ARCH.	ARCHITECT; ARCHITECTURAL
ASCC	AVAILABLE SHORT CIRCUIT CURRENT
ATS	AUTOMATIC TRANSFER SWITCH
AUX	AUXILIARY
AWG	AMERICAN WIRE GAUGE
BKBD	BACKBOARD
BKR	BREAKER
BLDG	BUILDING
C	CONDUIT
CB	CIRCUIT BREAKER
CKT	CIRCUIT
CL	CENTER LINE
CLG	CEILING
C.O.	CONDUIT ONLY WITH PULL WIRE
CSFD	COMBINATION SMOKE FIRE DAMPER
CU	COPPER
DIAG	DIAGRAM
DWP	DEPARTMENT OF WATER & POWER
EA	EACH
ELEC.	ELECTRICAL
EMT	ELECTRICAL METALLIC TUBING
EQUIP	EQUIPMENT
EXIST/(E)	EXISTING
(ENL)	EXISTING TO BE RECONNECTED IN NEW LOCATION
(ERR)	EXISTING TO BE REMOVED, RELOCATED AND RECONNECTED
FLA	FULL LOAD AMPS
FLR	FLOOR
FT	FEET
GFI	GROUND FAULT INTERRUPTER
GEC	GROUNDING ELECTRODE CONDUCTOR
GND	GROUND
HP	HORSEPOWER
HT	HEIGHT
HZ	HERTZ
ISC	SHORT CIRCUIT CURRENT
JB	JUNCTION BOX
KCMIL	THOUSAND CIRCULAR MILS
KV	KILOVOLT
KW	KILOWATT
LFMC	LIQUIDTIGHT FLEXIBLE METAL CONDUIT
LOC.	LOCATION
LTG	LIGHTING
MAX	MAXIMUM
MFGR	MANUFACTURER
MTD	MOUNTED
MTG	MOUNTING
N	NORTH
NIC	NOT IN CONTRACT
NO.	NUMBER
P	POLE
PB	PULL BOX
PF	POWER FACTOR
PH OR Ø	PHASE
PNL	PANEL
PVC	POLY-VINYL CHLORIDE
PWR	POWER
(R)	REMOVE
REC/RECEPT	RECEPTACLE
REQ'D	REQUIRED
RGS	RIGID GALVANIZED STEEL
RM	ROOM
SPECS	SPECIFICATIONS
SWBD	SWITCHBOARD
SWGR	SWITCHGEAR
TEL./TELE	TELEPHONE
TRANSF/XFMR	TRANSFORMER
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
V	VOLTS
VA	VOLT-AMPERES
W	WATTS
W/	WITH
W/O	WITHOUT
WP	WEATHERPROOF
Z	IMPEDANCE

IN THE EVENT ABBREVIATIONS NOT MENTIONED HEREIN ARE USED, REFERENCE WILL BE MADE TO ANSI Y1.1, MILITARY STANDARD ABBREVIATIONS, AND OTHER STANDARD INDUSTRY CONVENTIONS.

GENERAL NOTES

1. ALL WORK SHALL COMPLY WITH THE 2016 EDITION OF THE CALIFORNIA ELECTRICAL CODE AND ALL OTHER APPLICABLE FEDERAL, STATE, AND LOCAL CODES. WHERE THE CONSTRUCTION DOCUMENTS INDICATE MORE RESTRICTIVE REQUIREMENTS, THE CONSTRUCTION DOCUMENTS SHALL GOVERN BUT THE CONSTRUCTION DOCUMENTS SHALL NOT BE INTERPRETED AS AUTHORITY TO VIOLATE ANY CODE OR REGULATION.

2. APPLICABLE CODES:

   2015 IBC AND 2016 CALIFORNIA AMENDMENTS
   (2016 CALIFORNIA BUILDING CODE - PART 2, TITLE 24, CCR)
   2014 NEC AND 2016 CALIFORNIA AMENDMENTS
   (2016 CALIFORNIA ELECTRICAL CODE - PART 3, TITLE 24, CCR)
   2015 UMC AND 2016 CALIFORNIA AMENDMENTS
   (2016 CALIFORNIA MECHANICAL CODE - PART 4, TITLE 24, CCR)
   2015 UPC AND 2016 CALIFORNIA AMENDMENTS
   (2016 CALIFORNIA PLUMBING CODE - PART 5, TITLE 24, CCR)-(PUBLISHER:IAPMO)
   2015 IFC AND 2016 CALIFORNIA AMENDMENTS
   (2016 CALIFORNIA FIRE CODE - PART 9, TITLE 24, CCR)

3. THE INTENT OF THE DRAWINGS AND SPECIFICATIONS IS TO RECONSTRUCT THE HOSPITAL BUILDING IN ACCORDANCE WITH THE CALIFORNIA BUILDINGS STANDARD CODE, TITLE 24, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY CONDITION DEVELOP NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH THE SAID TITLE 24, CALIFORNIA CODE OF REGULATIONS, A CHANGE ORDER DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY OFFICE OF STATE WIDE HEALTH PLANNING AND DEVELOPMENT BEFORE PROCEEDING WITH THE WORK.

   IN THE EVENT OF A CONFLICT OR INCONSISTENCY BETWEEN ITEMS INDICATED ON THE PLANS AND/OR SPECIFICATIONS OR WITH CODE REQUIREMENTS, THE NOTE, SPECIFICATION OR CODE WHICH PRESCRIBES AND ESTABLISHES THE MORE COMPLETE JOB OR THE HIGHER STANDARD SHALL PREVAIL.

4. OMISSIONS FROM THE DRAWINGS OR SPECIFICATIONS OR THE MISDESCRIPTION OF DETAILS OF WORK WHICH ARE MANIFESTLY NECESSARY TO CARRY OUT THE INTENT OF THE DRAWINGS AND SPECIFICATIONS, OR WHICH ARE CUSTOMARILY PERFORMED, SHALL NOT RELIEVE THE CONTRACTOR FROM PERFORMING SUCH OMITTED OR MISDESCRIBED DETAILS OF THE WORK BUT THEY SHALL BE PERFORMED AS IF FULLY AND CORRECTLY SET FORTH AND DESCRIBED IN THE DRAWINGS AND SPECIFICATIONS.

5. THE CONTRACTOR SHALL CHECK ALL DRAWINGS FURNISHED TO HIM IMMEDIATELY UPON THEIR RECEIPT AND SHALL PROMPTLY NOTIFY THE OWNER OF ANY DISCREPANCIES. FIGURES MARKED ON DRAWINGS SHALL IN GENERAL BE FOLLOWED IN PREFERENCE TO SCALE MEASUREMENTS. LARGE SCALE DRAWINGS SHALL IN GENERAL GOVERN SMALL SCALE DRAWINGS. THE CONTRACTOR SHALL COMPARE ALL DRAWINGS AND VERIFY THE FIGURES BEFORE LAYING OUT THE WORK AND WILL BE RESPONSIBLE FOR ANY ERRORS WHICH MIGHT HAVE BEEN AVOIDED THEREBY.

6. MATERIALS AND EQUIPMENT SHALL BE NEW AND SHALL BEAR THE UNDERWRITERS' LABEL (UL) AND SHALL BE INSTALLED IN THE MANNER FOR WHICH THEY ARE DESIGNED AND APPROVED.

7. THE CONTRACTOR SHALL NOT BORE, NOTCH OR IN ANY WAY CUT INTO ANY STRUCTURAL MEMBER WITHOUT WRITTEN APPROVAL FROM THE ARCHITECT OR STRUCTURAL ENGINEER.

8. WHEN INSTALLING DRILLED-IN ANCHORS IN EXISTING NON-PRESTRESSED REINFORCED CONCRETE, USE CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE EXISTING REINFORCING BARS. WHEN INSTALLING THEM INTO EXISTING PRESTRESSED CONCRETE (PRE- OR POST-TENSIONED), LOCATE THE PRESTRESSED TENDONS BY USING A NON-DESTRUCTIVE METHOD PRIOR TO INSTALLATION. EXERCISE EXTREME CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE TENDONS DURING INSTALLATION. MAINTAIN A MINIMUM CLEARANCE OF ONE INCH BETWEEN THE REINFORCEMENT AND THE DRILLED-IN ANCHOR.

9. CUT AND PATCH EXISTING CEILING AND WALL CONSTRUCTION AS REQUIRED FOR CONDUIT, OUTLET BOX, SUPPORTS AND EQUIPMENT INSTALLATION. REPAIR OF EXISTING CONSTRUCTION SHALL MATCH EXISTING TO THE ARCHITECTS SATISFACTION.

10. CONDUIT CONNECTIONS TO MACHINES AND EQUIPMENT SUBJECT TO VIBRATION (INCLUDING TRANSFORMERS) SHALL BE MADE WITH LFMC. PROVIDE SUFFICIENT SLACK TO ELIMINATE VIBRATION. ARRANGE CONNECTIONS TO PREVENT THE ENTRANCE OF MOISTURE. PROVIDE CONTINUOUS GROUND WIRE THROUGH LFMC TO ASSURE GROUND CONTINUITY. REFERENCE CEC 250.64 FOR GEC INSTALLATION.

11. FOR PURPOSES OF CLEARNESS AND LEGIBILITY, THE ELECTRICAL DRAWINGS ARE ESSENTIALLY DIAGRAMMATIC. THE SIZE AND LOCATION OF EQUIPMENT IS SHOWN TO SCALE WHEREVER POSSIBLE. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS, DATA INFORMATION AS INDICATED ON THE DRAWINGS AND IN THE SPECIFICATION SECTIONS WHERE ELECTRICAL WORK INTERFACES WITH OTHER TRADES.

12. ELECTRICAL CONTRACTOR SHALL COMPLY WITH THE CALIFORNIA STATE HANDICAP LAWS WITH REGARD TO THE FOLLOWING:

    A. MOUNTING HEIGHT OF RECEPTACLES - NO OUTLET SHALL BE MOUNTED ON A WALL AT LESS THAN 18" AFF.

    B. MOUNTING HEIGHT OF SWITCHES AND THERMOSTATS - DEVICES SHALL BE MOUNTED AT NO HIGHER THAN 48" AFF FROM CENTER OF DEVICE, BUT NOT LESS THAN 36" AFF.

13. THE CONTRACTOR SHALL MAINTAIN AS-BUILT DRAWINGS TO REFLECT ALL CHANGES MADE DURING CONSTRUCTION AND ANY DEVIATIONS FROM THE ELECTRICAL DRAWINGS. THIS INCLUDES DEVIATIONS FROM CIRCUIT NUMBERS AND ANY ADDITION, DELETION OR RELOCATION OF OUTLETS SHOWN ON WORKING DRAWINGS.

14. 2016 CBC MECHANICAL, ELECTRICAL AND PLUMBING EQUIPMENT ANCHORAGE NOTES:

    ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE OSHPD APPROVED CONSTRUCTION DOCUMENTS. WHERE NO DETAIL IS INDICATED, THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCES AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2016 CBC, SECTIONS 1616A.1.23, 1.24, 1.25, 1.26 AND ASCE 7-05 CHAPTER 13.

    A. ALL PERMANENT EQUIPMENT AND COMPONENTS.

    B. TEMPORARY OR MOVABLE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER.

    C. MOVABLE EQUIPMENT WHICH IS STATIONED IN ONE PLACE FOR MORE THAN 8 HOURS AND HEAVIER THAN 400 POUNDS ARE REQUIRED TO BE ANCHORED WITH TEMPORARY ATTACHMENTS.

    THE ATTACHMENT OF THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENT SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT BE DETAILED ON THE PLANS. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT.

    A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORTS THE COMPONENT.

    B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

    FOR THOSE ELEMENTS THAT DO NOT REQUIRE DETAILS ON THE APPROVED DRAWINGS, THE INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS.

15. PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTES:

    A. PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-05 SECTION 13.3 AS DEFINED IN ASCE 7-05 SECTION 13.6.8, 13.6.7, 13.6.5.6, AND 2016 CBC, SECTIONS 1616A.1.23, 1.24, 1.25, 1.26.

    B. THE BRACING AND ATTACHMENTS TO THE STRUCTURE SHALL BE DETAILED ON THE APPROVED DRAWINGS OR THEY SHALL COMPLY WITH ONE OF THE OSHPD PRE-APPROVALS (OPA #) AS MODIFIED TO SATISFY ANCHORAGE REQUIREMENTS OF ACI 318, APPENDIX D.

    C. COPIES OF THE MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF HANGING AND BRACING OF THE PIPE, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS.

    D. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

16. THE CONTRACTOR SHALL INSTALL ALL CONDUITS AND WIRES WITH A MINIMUM NUMBER OF BENDS AND IN SUCH A MANNER AS TO CONFORM TO THE STRUCTURE. AVOID OBSTRUCTIONS, PRESERVE HEAD ROOM, KEEP OPENINGS AND PASSAGEWAYS CLEAR AND MEET ALL STRUCTURAL CODE REQUIREMENTS.

17. PROVIDE TYPEWRITTEN DIRECTORY CARD IN ALL PANELS, IDENTIFY LOAD SERVED BY EACH CIRCUIT BREAKER.

18. EXPOSED CONDUITS BELOW 8 FEET SHALL BE RIGID GALVANIZED STEEL (RGS) UON.

19. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF CEILING MOUNTED FIXTURES.

20. ALL CONDUIT PENETRATIONS OF FIRE RATED WALLS, FLOORS AND ROOF SHALL BE FIRE STOPPED. FIRE STOP MATERIALS SHALL BE TESTED ASSEMBLY APPROVED BY THE OSHPD FIRE MARSHAL.

21. CONTRACTOR SHALL COMPLY WITH ALL GROUNDING AND BONDING REQUIREMENTS OF C.E.C. 517-13, 517-14, 517-19, 517-20, 517-78, 517-82.

22. LOCATIONS OF DISCONNECT SWITCHES AND CONNECTIONS FOR MECHANICAL AND PLUMBING EQUIPMENT ARE SHOWN DIAGRAMMATICALLY. VERIFY ACTUAL CONNECTION LOCATIONS WITH EQUIPMENT SHOP DRAWINGS AND LOCATE DISCONNECT SWITCHES TO PROVIDE CODE REQUIRED CLEARANCES AND ACCESS. PROVIDE ANGLE IRON SUPPORT BRACKETS.

23. THE CONTRACTOR SHALL OBTAIN BUILDING AND LICENSING PERMITS AND PAY ALL FEES, EXPENSES, AND INCIDENTAL COSTS ASSOCIATED WITH PROVIDING A COMPLETE AND OPERABLE INSTALLATION INCLUDING ALL CHARGES AND EXPENSES ASSOCIATED WITH FEDERAL, STATE, AND LOCAL AGENCIES.

24. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER TRADES AND INCLUDE THE COSTS FOR SUCH COORDINATION IN THE BID.

25. THE CONTRACTOR SHALL PROVIDE AN AS-BUILT SET OF DOCUMENTS AT PROJECT COMPLETION SHOWING CHANGES TO THE CONTRACT DOCUMENTS.

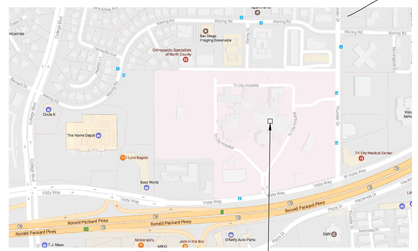
26. THE CONTRACTOR SHALL PROVIDE CONNECTION AND TERMINATION TO OWNER FURNISHED EQUIPMENT.

27. REFERENCE CEC 110.16 AND 110.24. CONTRACTOR TO PROVIDE ARC FLASH LABELS ON ALL ELECTRICAL EQUIPMENT AFFECTED BY SCOPE OF WORK.

DEMOLITION NOTES

1. DRAWINGS OF EXISTING CONDITIONS HAVE BEEN COMPILED FROM EXISTING DATA SUPPLIED BY THE OWNER TO THE ARCHITECT. THE ARCHITECT MAKES NO WARRANTY, EITHER EXPRESSED OR IMPLIED, FOR THE ACCURACY OR COMPLETENESS OF THE EXISTING INFORMATION RECORDED. FIELD VERIFY ALL EXISTING CONDITIONS NOTIFY THE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
2. THE OWNER RESERVES THE RIGHT TO SALVAGE ANY DEMO ITEM. VERIFY ITEMS TO BE SALVAGED WITH THE OWNER PRIOR TO THE START OF DEMOLITION. REMOVE, PROTECT, AND TURN OVER SUCH ITEMS BY DIRECTED BY THE OWNER.
3. ALL EXISTING ELECTRICAL, LIGHTING, TELEPHONE, DATA, AND PUBLIC ADDRESS CONDUIT AND WIRING SHALL REMAIN EXCEPT WHERE INDICATED OTHERWISE ON THESE PLANS. RECONNECT EXISTING OUTLETS, DEVICES AND CIRCUITS IN ADJACENT SPACES DISRUPTED BY REMOVAL OF EXISTING OUTLETS, DEVICES OR CIRCUITS IN THIS CONTRACT.
4. PROTECT ALL EXISTING CONDUIT, WIRE AND SIGNAL SYSTEMS CABLES PASSING THRU REMODEL AREAS THAT SERVE ADJACENT AREAS.
5. WHERE NEW WALL OR CEILING OR OTHER CONSTRUCTION WILL COVER EXISTING OUTLETS, EQUIPMENT OR DEVICES MAKING THEM INACCESSIBLE, RELOCATE THE EXISTING OUTLET, EQUIPMENT OR DEVICE AS REQUIRED OR MAKE OTHER PROVISIONS TO PROVIDE ACCESS.
6. RECONNECT EXISTING OUTLETS, LIGHTS, ETC. THAT ARE TO REMAIN THAT ARE DISRUPTED BY REMOVAL OF OTHER EXISTING OUTLETS IN THE CONDUIT RUN AS REQUIRED TO PROVIDE CONTINUITY OF THE CIRCUITS.
7. REMOVE ALL EXISTING CONDUITS IN CEILING SPACES FOR SYSTEMS, EQUIPMENT AND DEVICES OR OUTLETS BEING REMOVED THAT ARE NOT BEING REUSED AND ALL ABANDONED EXISTING CONDUITS. REMOVE ALL EXISTING CONDUITS IN WALLS OR FLOORS FOR DEVICES BEING REMOVED THAT INTERFERE WITH NEW CONSTRUCTION. REMOVE WIRE FROM ABANDONED CONDUITS.
8. REMOVE ALL ABANDONED SIGNAL SYSTEM CABLES IN CEILING SPACE.
9. THE WORD "ELECTRICAL" USED IN THE CONTEXT OF THESE DEMOLITION PLANS INCLUDES LIGHTING, ELECTRICAL DEVICES & EQUIPMENT, AND ALL SIGNAL SYSTEMS.
10. REFER TO LIGHTING, POWER & SIGNAL PLANS FOR ADDITIONAL EXISTING ELECTRICAL TO REMAIN.
11. WHERE EXISTING DEVICES OR EQUIPMENT ARE INDICATED TO BE REMOVED IN WALLS THAT ARE TO REMAIN, ALSO REMOVE OUTLET BOX OR BACKBOX AND PATCH WALL FINISH TO MATCH SURROUNDING AREA.
12. WHERE EXISTING OUTLETS ARE REMOVED AND THE EXISTING CIRCUIT IS NOT SERVING REMAINING OUTLETS. REMOVE EXISTNG WIRE AND CONDUIT BACK TO THE SERVING PANELBOARD AND UPDATE THE PANELBOARD CIRCUIT DIRECTORY INDICATING "SPARE" FOR ALL UNUSED CIRCUIT BREAKERS.

SITE MAP



PROJECT LOCATION

SHEET INDEX

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LICENSED ARCHITECT
JOSEPH MICHEL SFEIR
No. C28543
REN. 1-31-19
STATE OF CALIFORNIA

REGISTERED PROFESSIONAL ENGINEER
No. E20825
4/7/17
ELECTRICAL
STATE OF CALIFORNIA

REV:	DESCRIPTION:	DATE:
1	OSHPD COMMENTS	05/21/2017
2	OSHPD COMMENTS	08/21/2017

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OSHPD APPROVAL STAMP:
OSHPD #: S170837-37-00

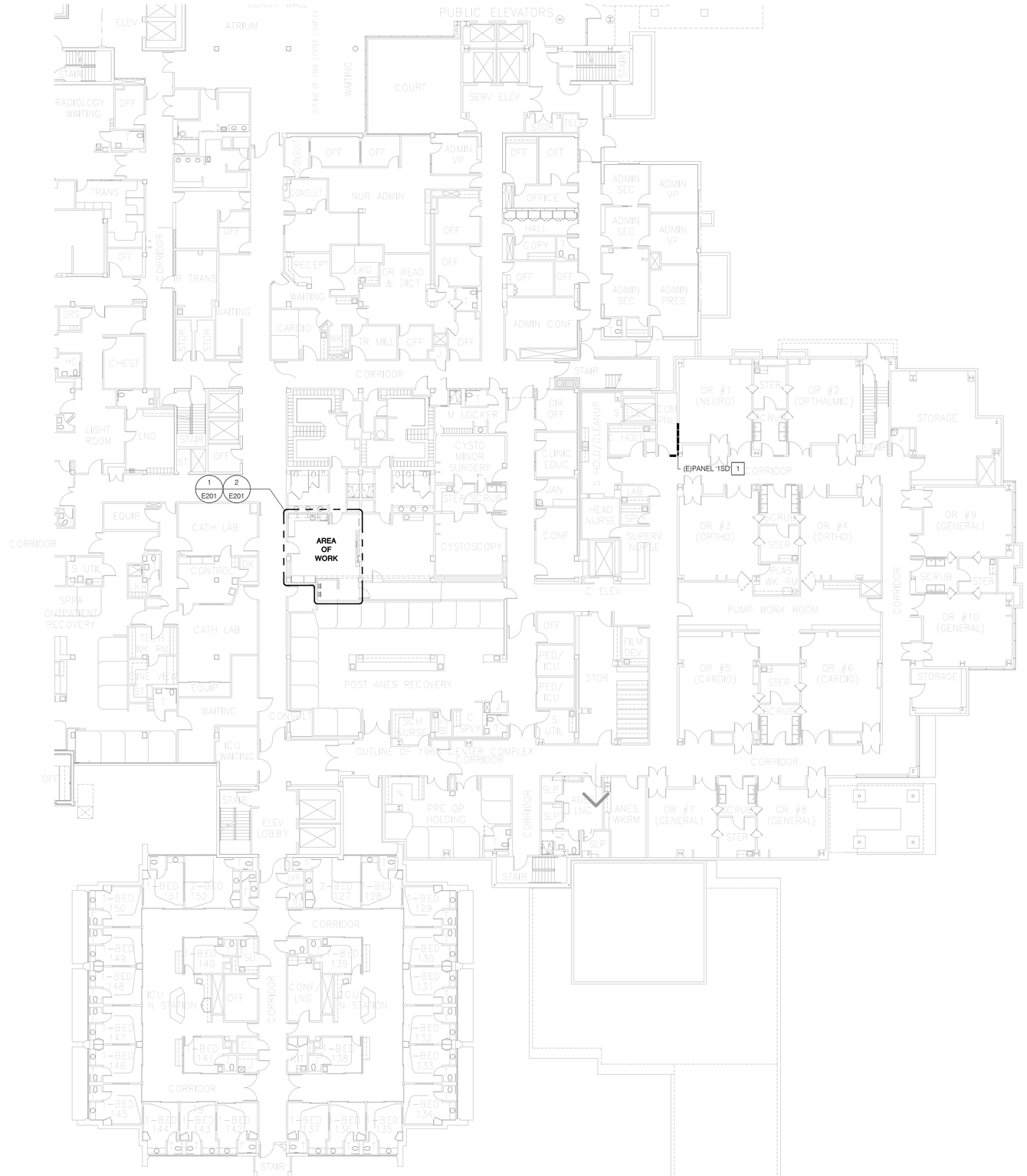
SHEET TITLE:
GENERAL NOTES, LEGEND, AND SHEET INDEX

PROJECT TITLE:

PROJECT #: 8644
DRAWN BY: RMS
CHECKED BY: WS
SCALE: AS NOTED
DATE: 04/07/17

SHEET NUMBER:
E001

100% CONSTRUCTION DOCUMENTS



NOTES

1 UTILIZE (E) PANEL '1SD' FOR NEW BRANCH CIRCUITS. REFER TO SHEET E201 AND E501 FOR SCOPE OF WORK.

1 ELECTRICAL PARTIAL OVERALL PLAN - FIRST FLOOR

1/16" = 1'-0"

NORTH

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REGISTERED PROFESSIONAL ENGINEER JOSEPH MICHEL SFEIR No. E20825 4/7/17 ELECTRICAL STATE OF CALIFORNIA

REV:	DESCRIPTION:	DATE:
1	OSHPD COMMENTS	05/21/2017
2	OSHPD COMMENTS	08/21/2017

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OSHPD APPROVAL STAMP:
OSHPD #: S170837-37-00

SHEET TITLE:
ELECTRICAL OVERALL PLAN - FIRST FLOOR

PROJECT TITLE:

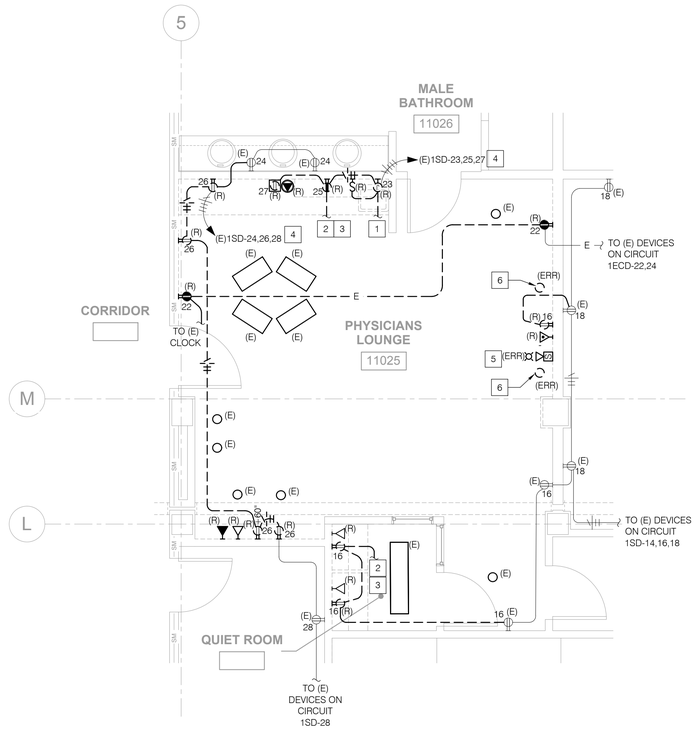
PROJECT #: 8644
DRAWN BY: RMS
CHECKED BY: WS
SCALE: AS NOTED
DATE: 04/07/17

SHEET NUMBER:
E101

100% CONSTRUCTION DOCUMENTS

DEMOLITION NOTES

1. DISCONNECT & REMOVE (E) GARBAGE DISPOSAL AND ASSOCIATED SWITCH.
2. DISCONNECT CONDUIT & WIRE TO (E) UNDER-CABINET LIGHTING.
3. DEMOLISH (E) UNDER-CABINET LIGHTING.
4. RETAIN (E) HOME-RUN CIRCUITS FOR EXTENSION TO NEW DEVICES. REFER TO NEW PLAN ON DETAIL 2 FOR ADDITIONAL INFORMATION.
5. DISCONNECT & REMOVE (E) FIRE ALARM DEVICE. RETAIN TO BE RE-INSTALLED IN NEW LOCATION.
6. DISCONNECT & REMOVE (E) DOWNLIGHT. RETAIN TO BE RE-INSTALLED IN NEW LOCATION.



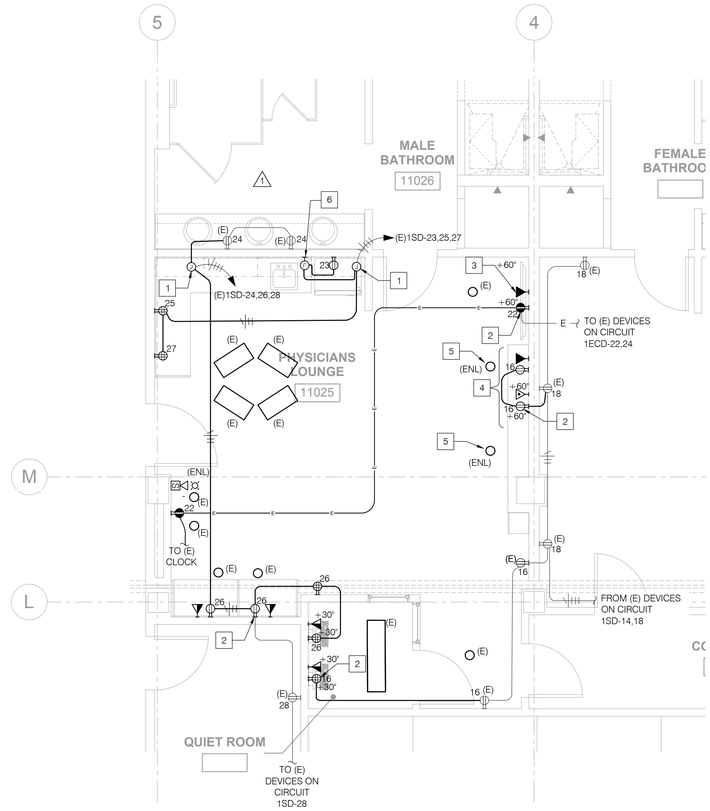
1 ELECTRICAL FLOOR PLAN - DEMOLITION

1/4" = 1'-0"

NORTH

REMODEL NOTES

1. INTERCEPT (E) HOMERUN UTILIZING 4SD BOX MINIMUM. EXTEND NEW CIRCUITRY AS INDICATED. LOCATE JUNCTION BOX ACCESSIBLE CEILING.
2. TIE NEW BRANCH CIRCUITRY TO (E) CIRCUITS. COORDINATE RE-FEED & DOWNTIMES OF BRANCH CIRCUITS OUTSIDE AREA OF WORK WITH FACILITIES PRIOR TO SHUTDOWN.
3. NEW DATA OUTLET FOR PATIENT CASE MONITOR. PROVIDE 1-1/2"C TO NEAREST CABLE TRAY FOR CONNECTION TO (E)PATIENT MONITORING SYSTEM.
4. COORDINATE EXACT MOUNTING HEIGHT AND LOCATION WITH NEW BUILT-IN CASEWORK. COORDINATE WITH ARCHITECTURAL DETAILS.
5. NEW LOCATION FOR EXISTING DOWNLIGHT. EXTEND EXISTING BRANCH CIRCUITRY AS REQUIRED. COORDINATE EXACT LOCATION WITH ARCHITECTURAL RCP.
6. PROVIDE SPECIFICATION GRADE, 20 AMP, FEED-THRU, DEAD-FRONT BLANK FACE GFCI WHITE DEVICE & COVER PLATE WITHIN SINGLE GANG BOX. MOUNT ABOVE COUNTER ADJACENT TO REFRIGERATOR IN ACCESSIBLE AREA. COORDINATE EXACT LOCATION WITH ARCHITECTURAL ELEVATIONS. COORDINATE WIRING WITH LOCATION REFRIGERATOR RECEPTACLE. SHALL BE SIMILAR TO LEVITON GFRBF-W OR APPROVED EQUAL.



2 ELECTRICAL FLOOR PLAN - REMODEL

1/4" = 1'-0"

NORTH

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REV:	DESCRIPTION:	DATE:
1	OSHPD COMMENTS	05/21/2017
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OSHPD APPROVAL STAMP:
OSHPD #: S170837-37-00

SHEET TITLE:
ELECTRICAL FLOOR PLANS - DEMOLITION & REMODEL

PROJECT TITLE:

PROJECT #:	8644
DRAWN BY:	RMS
CHECKED BY:	WS
SCALE:	AS NOTED
DATE:	04/07/17

SHEET NUMBER: E201

100% CONSTRUCTION DOCUMENTS

1 (E)PANEL: "1SD"

LOCATION : ELECTRICAL ROOM 200
FLOOR : FIRST FLOOR
MOUNTING : FLUSH

VOLTAGE/PHASE : 208/120V , 3Ø, 4W
BUS AMPS : 225 A
MAIN BREAKER : L.O.

FED FROM :
MINIMUM BUS BRACING : 10 KAIC

	LOADS	SEE NOTE	*	OUTLETS LTG	OUTLETS REC	OUTLETS MISC	VOLT-AMPS A	VOLT-AMPS B	VOLT-AMPS C	CKT	BKR/POLE	A B C	BKR/POLE	CKT	VOLT-AMPS A	VOLT-AMPS B	VOLT-AMPS C	OUTLETS LTG	OUTLETS REC	OUTLETS MISC	*	SEE NOTE	LOADS	
	EXISTING LOAD									1	20/1	* - -	20/1	2									EXISTING LOAD	
	EXISTING LOAD									3	20/1	- * -	20/1	4									EXISTING LOAD	
	EXISTING LOAD									5	20/1	- - *	20/1	6									EXISTING LOAD	
	EXISTING LOAD									7	20/1	* - -	20/1	8									EXISTING LOAD	
	EXISTING LOAD									9	20/1	- * -	20/1	10									EXISTING LOAD	
	EXISTING LOAD									11	20/1	- - *	20/1	12									EXISTING LOAD	
	EXISTING LOAD									13	20/1	* - -	20/1	14								1	EXISTING LOAD	
	EXISTING LOAD									15	20/1	- * -	20/1	16		720			4			1	(N)PHYS LOUNGE & QUIET RM	2
	EXISTING LOAD									17	20/1	- - *	20/1	18								1	EXISTING LOAD	
	EXISTING LOAD									19	20/1	* - -	20/1	20									EXISTING LOAD	
	EXISTING LOAD									21	20/1	- * -	20/1	22									EXISTING LOAD	
2	(N)PHYS LOUNGE REFRIG	1	*			1			1,000	23	20/1	- - *	20/1	24								1	EXISTING LOAD	
2	(N)PHYS LOUNGE COFFEE MKR	1				1	1,400			25	20/1	* - -	20/1	26	1,080				6			1	(N)PHYS LOUNGE & QUIET RM	2
2	(N)PHYS LOUNGE MICROWAVE	1				1		1,400		27	20/1	- * -	20/1	28								1	EXISTING LOAD	
	EXISTING LOAD									29	20/1	- - *	20/1	30									EXISTING LOAD	
	SPARE									31	20/1	- - *	20/1	32									EXISTING LOAD	
	SPARE									33	20/1	* - -	20/1	34									EXISTING LOAD	
	EXISTING LOAD									35	20/1	- * -	20/1	36									EXISTING LOAD	
	EXISTING LOAD									37	20/1	* - -	20/1	38									EXISTING LOAD	
	EXISTING LOAD									39	20/1	- * -	20/1	40									EXISTING LOAD	
	EXISTING LOAD									41	20/1	- - *	20/1	42									EXISTING LOAD	

TOTAL ØA = 2,480 VOLT-AMPS
TOTAL ØB = 2,120 VOLT-AMPS
TOTAL ØC = 1,000 VOLT-AMPS
LCL = 250 VOLT-AMPS

TOTAL PANEL = 5,850 VA @ 208V, 3Ø = 16 AMPS

NOTES:
* "L" DENOTES LONG CONTINUOUS LOAD
1. PROVIDE CIRCUIT BREAKER HANDLE TIES TO NOTED GROUPS OF EXISTING BREAKERS.

SUMMARY OF REMOVED LOADS		
CKT 16		
Duplex recept (5)	900	VA
CKT 23		
Garbage Disposal	1920	VA
CKT 25		
Duplex (GFI) for Coffee	500	VA
Under-cabinet Lighting	32	VA
CKT 26		
Duplex recept (4)	720	VA
CKT 27		
U/C Fridge	900	VA
TOTAL	4972	VA

(E)PANEL:"1SD"				
LOAD SUMMARY				
72-HOUR METER READING (3/17/17 - 3/20/17) x 1.25		=	18.2	KVA
REMOVED LOAD		=	5.0	KVA
ADDED LOAD		=	5.9	KVA
TOTAL LOAD (KVA)		=	19.1	KVA
TOTAL LOAD (A) @	208/120V	=	53.0	A
MAIN BUS RATING		=	225	A

SUFFICIENT CAPACITY EXISTS IN PANEL "1SD" AND THE UP-STREAM PANEL "DPA" TO SUPPLY THE NEW LOADS.

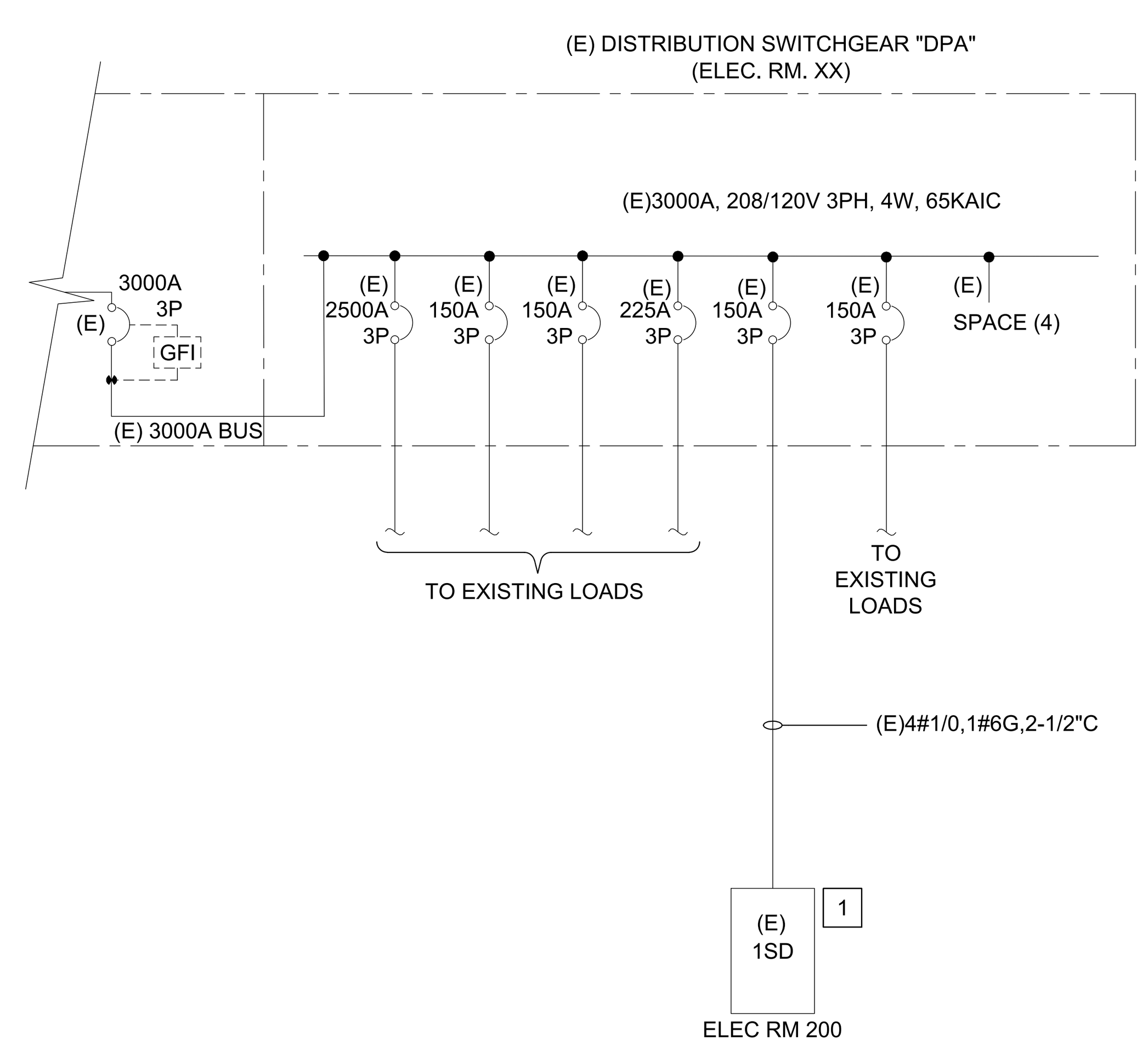
ROSS M. SLOCUM, PE.
APRIL 7, 2017

[illegible] 4/7/17
ROSS M SLOCUM DATE

NOTES

1. UTILIZE (E) PANEL FOR NEW LOADS. REFER TO SHEET E101 FOR LOCATION.
2. UTILIZE (E) 20A, 1P CIRCUIT BREAKER FOR NEW LOADS.

2 PANEL SCHEDULE & LOAD SUMMARIES
NO SCALE



1 PARTIAL SINGLE LINE DIAGRAM
NO SCALE

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REV:	DESCRIPTION:	DATE:
1	OSHPD COMMENTS	05/21/2017
2	OSHPD COMMENTS	08/21/2017

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OSHPD APPROVAL STAMP:
OSHPD #: S170837-37-00

SHEET TITLE:
PARTIAL SINGLE LINE DIAGRAM, SCHEDULES, & LOAD SUMMARY

PROJECT TITLE:

PROJECT #: 8644
DRAWN BY: RMS
CHECKED BY: WS
SCALE: AS NOTED
DATE: 04/07/17

SHEET NUMBER:
E501

100% CONSTRUCTION DOCUMENTS

LEGEND

SYMBOL	DESCRIPTION
	NOTE CALLOUT
	DETAIL CALLOUT - NUMBER ON TOP DENOTES DETAIL NUMBER - NUMBER ON BOTTOM DENOTES SHEET DETAIL IS SHOWN
	MECHANICAL EQUIPMENT CALLOUT, SEE MECHANICAL PLANS FOR EXACT LOCATION AND REQUIREMENTS
	SECTION CALLOUT
	POINT OF CONNECTION
	POINT OF DISCONNECTION
4" CHWR	NEW PIPE (SIZE-SERVICE)
	EXISTING PIPE/EQUIPMENT
	DEMOLISHED PIPE/EQUIPMENT
	SANITARY SEWER/WASTE UNDERGROUND
	SANITARY VENT
	DOMESTIC HOT WATER RETURN
	DOMESTIC HOT WATER SUPPLY
	DOMESTIC COLD WATER
	VALVE AT RISE
	ELBOW DOWN
	PIPE TEE UP & DOWN OR ELBOW UP
	PIPE TEE DOWN
	PIPE TEE UP
SYMBOL	DESCRIPTION
	BALL VALVE
	WALL CLEANOUT
	TRAP PRIMER

ABBREVIATIONS

ABBREVIATION	DESCRIPTION
ABV	ABOVE
A/C	ABOVE CEILING
ASTM	AMERICAN SOCIETY FOR TESTING & MATERIALS
AWWA	AMERICAN WATER WORKS ASSOCIATION
B/G	BELOW GRADE
B/F	BELOW FLOOR
BV	BALL VALVE
C.I.S.P.I.	CAST IRON SOIL PIPE INSTITUTE
CW	COLD WATER
DIA	DIAMETER
DN	DOWN
(E)	EXISTING
EA.	EACH
EQUIP	EQUIPMENT
FT	FEET
GA	GAGE
GAL	GALLONS
GALV	GALVANIZE
GPM	GALLONS PER MINUTE
HDR	HEADER
HT	HEIGHT
IN	INCHES
IW	INDIRECT WASTE
L or LAV	LAVATORY
MAX	MAXIMUM
MIN	MINIMUM
NTS	NOT TO SCALE
POC	POINT OF CONNECTION
POD	POINT OF DISCONNECTION
PSI	POUNDS PER SQUARE INCH
REQ'D	REQUIRED
S	SINK, SEWER, SOIL
SOV	SHUT-OFF VALVE
TP	TRAP PRIMER
TYP	TYPICAL
UG	UNDERGROUND
V	SANITARY VENT
VTR	VENT THRU ROOF
W	WASTE
WCO	WALL CLEAN-OUT

REFERENCE WILL BE MADE TO ANSI Y1.1, MILITARY STANDARD IN THE EVENT ABBREVIATIONS NOT MENTIONED HEREIN ARE USED, ABBREVIATIONS, AND OTHER STANDARD INDUSTRY CONVENTIONS.

GENERAL NOTES

1. ALL WORK SHALL COMPLY WITH THE 2016 EDITIONS OF THE CALIFORNIA BUILDING, MECHANICAL, PLUMBING, AND OTHER APPLICABLE FEDERAL, STATE, OR LOCAL CODES AS ADOPTED AND ENFORCED BY THE LOCAL JURISDICTION. IN CASE THE PLANS SHOW MORE STRINGENT REQUIREMENTS, THE PLANS SHALL GOVERN THE DESIGN, YET NOTHING ON THE DESIGN DOCUMENTS SHALL BE INTERPRETED AS AUTHORITY TO VIOLATE CODE(S) OR REGULATION(S).
2. SUBMISSION OF BID IN CONNECTION WITH THIS WORK SHALL IMPLY THAT THE BIDDER HAS EXAMINED THE JOB SITE UNDER WHICH THE CONTRACTOR WILL BE OBLIGATED TO OPERATE UNDER THIS CONTRACT. NO EXTRA CHARGE WILL BE ALLOWED FOR FAILURE OF ANY BIDDER TO EXAMINE THE SITE PRIOR TO BID.
3. WHERE USED, THE TERM "PROVIDE" SHALL MEAN "FURNISH AND INSTALL".
4. IN THE EVENT OF A CONFLICT OR INCONSISTENCY BETWEEN ITEMS INDICATED ON DESIGN PLANS / SPECIFICATIONS WITH CODE REQUIREMENTS, THE MORE STRINGENT STANDARD SHALL PREVAIL.
5. CONTRACTOR SHALL FURNISH LABOR, MATERIALS, EQUIPMENT, AND TRANSPORTATION AS REQUIRED TO PROPERLY INSTALL ALL PLUMBING SYSTEMS OR RELATED COMPONENTS AS INDICATED ON PLANS AND SPECIFIED HEREIN.
6. ALL NEW EQUIPMENT AND MATERIAL TO BE INSTALLED AS PART OF RENOVATION / NEW CONSTRUCTION SHALL BEAR AN UNDERWRITERS LABORATORIES LABEL (UL), AND INSTALLED IN SUCH A MANNER FOR WHICH THEY ARE DESIGNED AND APPROVED.
7. CONTRACTOR SHALL DOCUMENT AND RELAY ANY MAJOR DEVIATIONS FROM THE DESIGN DOCUMENTS, AND ATTAIN APPROVAL FROM THE MECHANICAL ENGINEER BEFORE PROCEEDING. AS-BUILT COPIES SHALL BE PROVIDED INDICATING ALL CHANGES / DEVIATIONS MADE DURING CONSTRUCTION. CONTRACTOR SHALL PROVIDE COMPLETED AS-BUILT DRAWINGS IN THE LATEST VERSION OF AUTOCAD.
8. ALL WORK SHALL BE PERFORMED IN A CLEAN AND WORKMANLIKE MANNER. CARE SHALL BE EXERCISED TO MINIMIZE ANY INCONVENIENCE OR DISTURBANCE TO OTHER AREAS OF THE BUILDING WHICH ARE TO REMAIN IN OPERATION. ISOLATE WORK AREAS BY MEANS TO KEEP DUST AND DIRT WITHIN THE CONSTRUCTION AREA.
9. NO PIPING, EQUIPMENT, ETC. SHALL BE REMOVED, DISCONNECTED OR SHUT DOWN WITHOUT PRIOR REVIEW WITH FACILITIES TO CONFIRM THAT AREAS TO REMAIN IN OPERATION WILL NOT BE AFFECTED. IF ANY AREAS NOT WITHIN THE SCOPE OF WORK ARE AFFECTED BY ANY SHUTDOWN, REMOVAL OR DISCONNECTION, SUFFICIENT ADVANCE NOTICE MUST BE GIVEN TO THE FACILITY INDICATING WHICH AREAS WILL BE AFFECTED, WHEN THE PROPOSED SHUTDOWN WILL OCCUR, AND FOR HOW LONG A PERIOD OF TIME.
10. THE ARRANGEMENT OF EQUIPMENT AND PIPING SHOWN ON THE DRAWINGS IS BASED UPON INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME OF DESIGN AND IS NOT INTENDED TO SHOW EXACT DIMENSIONS PECULIAR TO A SPECIFIC MANUFACTURER. THE DRAWINGS ARE, IN PART, DIAGRAMMATIC AND SOME FEATURES OF THE ILLUSTRATED EQUIPMENT INSTALLATION MAY REQUIRE REVISION TO MEET ACTUAL EQUIPMENT INSTALLATION REQUIREMENTS. STRUCTURAL SUPPORTS, FOUNDATIONS, CONNECTED PIPING, VALVES, PIPE SUPPORTS AND ELECTRICAL CONDUIT SPECIFIED MAY HAVE TO BE ALTERED OR ADDITIONAL ITEMS REQUIRED TO ACCOMMODATE THE EQUIPMENT PROVIDED. NO ADDITIONAL PAYMENT WILL BE MADE FOR SUCH REVISIONS, ALTERATIONS AND / OR ADDITIONS.
11. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AT THE SITE MAKING FIELD MEASUREMENTS AND PROVIDE SHOP DRAWINGS NECESSARY FOR FABRICATION OR ERECTION OF ALL HVAC AND PIPING SYSTEMS. MAKE ALLOWANCE FOR BEAMS, PIPES AND OTHER OBSTRUCTIONS IN BUILDING CONSTRUCTION. CHECK DRAWINGS SHOWING WORK OF OTHER TRADES AND CONSULT WITH THE FACILITY REPRESENTATIVE IN THE EVENT OF POTENTIAL INTERFERENCE. SHOP DRAWINGS SHALL BE MINIMUM 1/4"=1'-0" SCALE, INDICATING FITTINGS, SIZES, WELDS AND CONFIGURATIONS AND SUBMITTED TO ENGINEER FOR REVIEW. CONTRACTOR SHALL PROVIDE DIMENSIONED SHOP DRAWINGS COMPLETED IN THE LATEST VERSION OF AUTOCAD.
12. CONTRACTOR SHALL COORDINATE HIS WORK WITH ALL OTHER TRADES PRIOR TO FABRICATION, PURCHASE AND/OR INSTALLATION OF ALL WORK.
13. BEFORE COMMENCEMENT OF WORK, CONTRACTOR SHALL VERIFY THE EXACT LOCATIONS, ELEVATIONS, AND CHARACTERISTICS OF ALL UTILITIES.
14. CONTRACTOR SHALL SECURE AND PAY ALL FEES AND PERMITS PERTAINING TO THE CONTRACT.
15. EXISTING MATERIALS THAT ARE REMOVED SHALL NOT BE REUSED IN NEW SYSTEMS, EXCEPT WHERE INDICATED AS BEING RELOCATED.
16. ALL EQUIPMENT SHALL BE INSTALLED IN STRICT COMPLIANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS.
17. ALL PLUMBING FIXTURE VENTS TO TERMINATE MINIMUM 12 INCHES FROM ANY VERTICAL SURFACE AND 10 FEET FROM OR 3 FEET ABOVE ANY OUTSIDE AIR INTAKES. NO FLAGPOLING PERMITTED.
18. ALL PIPING SHALL BE INSTALLED AS INDICATED ON THE DRAWINGS IN A NEAT WORKMANSHIP-LIKE MANNER AND BE SUPPORTED AS REQUIRED BY CODES. PIPING SHALL BE SET UP AND DOWN AND OFFSET AS REQUIRED TO SUIT FIELD CONDITIONS. DIELECTRIC COUPLINGS SHALL BE USED WHERE DISSIMILAR METALS ARE JOINED.
19. ALL PIPING DISCHARGING INTO FLOOR-SINKS AND/OR FLOOR DRAINS SHALL MAINTAIN MINIMUM AIR-GAP AS REQUIRED BY LOCAL CODES.
20. ALL VALVES, UNIONS, ETC. TO BE SAME SIZE AS LINE SIZE UNLESS OTHERWISE INDICATED ON DRAWINGS.
21. ISOLATE AND DRAIN EXISTING PIPING SYSTEM AS REQUIRED TO ACCOMMODATE INSTALLATION OF THE WORK.
22. UNIONS SHALL BE PROVIDED AND INSTALLED AFTER EACH SCREW-TYPE VALVE AND PRIOR TO EQUIPMENT CONNECTIONS.
23. EQUIPMENT ANCHORAGE NOTES:

    ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. WHERE NO DETAIL IS INDICATED, THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2016 CBC, SECTIONS 1616A.1.18 THROUGH 1616A.1.26 AND ASCE 7-10 CHAPTER 6 AND 30.

    A. ALL PERMANENT EQUIPMENT AND COMPONENTS.

    B. TEMPORARY OR MOVABLE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER.

    C. MOVABLE EQUIPMENT WHICH IS STATIONED IN ONE PLACE FOR MORE THAN 8 HOURS AND HEAVIER THAN 400 POUNDS ARE REQUIRED TO BE ANCHORED WITH TEMPORARY ATTACHMENTS.

    THE ATTACHMENT OF THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT BE DETAILED ON THE PLANS. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT:

    A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.

    B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

    FOR THOSE ELEMENTS THAT DO NOT REQUIRE DETAILS ON THE APPROVED DRAWINGS, THE INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD AND THE DSA DISTRICT STRUCTURAL ENGINEER. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS.
24. PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE

    PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-10 SECTION 13.3 AS DEFINED IN ASCE 7-10 SECTION 13.6.8, 13.6.7, 13.6.5.6 ITEM 6, AND 2016 CBC SECTIONS 1616A.1.23, 1616A.1.24, 1616A.1.25 AND 1616A.1.26.

    THE BRACING AND ATTACHMENTS TO THE STRUCTURE SHALL BE DETAILED ON THE APPROVED DRAWINGS OR THEY SHALL COMPLY WITH ONE OF THE OSHPD PRE-APPROVALS (OPM #) AS MODIFIED TO SATISFY ANCHORAGE REQUIREMENTS OF ACI 318, APPENDIX D.

    COPIES OF THE MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF HANGING AND BRACING OF THE PIPE, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM.

    THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.
25. PLUMBING FIXTURES AND FAUCETS SHALL BE CERTIFIED BY THE STATE OF CALIFORNIA ENERGY COMMISSION AS REQUIRED BY THE CALIFORNIA ENERGY EFFICIENCY STANDARDS SECTION S-5314 AND TABLE "G".
26. ALL SOIL, WASTE, STORM DRAIN AND VENT PIPING SHALL SLOPE AT 2% UNLESS OTHERWISE INDICATED.
27. PIPING THROUGH FIRE RATED WALLS SHALL BE PER U.L. FIRE RESISTANCE SYSTEM NO. W1001. SEE ARCHITECTURAL PLANS FOR ALL WALL LOCATIONS.
28. REFER TO THE SPECIFICATIONS BOOK FOR ADDITIONAL REQUIREMENTS.
29. ALL CLEANOUTS SHALL BE INSTALLED WHERE READILY ACCESSIBLE. THE CONTRACTOR SHALL COORDINATE ALL CLEANOUT LOCATIONS WITH EQUIPMENT, CABINETS, ETC. AND THE ARCHITECT PRIOR TO ANY INSTALLATION.
30. KEEP ALL PIPING FROM LOAD BEARING FOOTINGS. IF UNABLE TO CLEAR FOOTINGS OR GRADE BEAMS, INSTALL PIPING THROUGH PIPE SLEEVES.
31. BEFORE FABRICATION OR INSTALLATION, THE CONTRACTOR SHALL VERIFY EXACT LOCATIONS OF ALL EQUIPMENT AND FIXTURES. EXACT ROUGH-IN LOCATIONS AND REQUIREMENTS SHALL BE COORDINATED IN FIELD.
32. ACCESSIBLE PLUMBING FIXTURES SHALL COMPLY WITH ALL OF THE REQUIREMENTS OF 2016 CBC CHAPTER 11A AND/OR 11B. HEIGHTS AND LOCATION OF ALL FIXTURES SHALL BE ACCORDING TO CBC 2016 SECTION 1138A. FIXTURE CONTROLS SHALL COMPLY WITH CBC 2016 SECTION 1138A.4.
33. ALL VALVES, TRAP PRIMERS, WATER HAMMER ARRESTERS OR OTHER EQUIPMENT SHOWN IN WALLS OR ABOVE NON-ACCESSIBLE CEILINGS SHALL BE INSTALLED BEHIND AN ACCESS PANEL.
34. ALL VENT THROUGH ROOF SHALL BE MINIMUM OF 3 FEET VERTICALLY AND 10 FEET HORIZONTALLY FROM ANY AIR CONDITIONING EQUIPMENT FRESH AIR INTAKES.
35. VERIFY WITH ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF ALL FLOOR DRAINS, ROOF, OVERFLOW DRAINS AND FLOOR SINKS.
36. FIXTURES SHALL BE PROTECTED DURING CONSTRUCTION FROM ANY DAMAGES. REFINISHED FIXTURES WILL NOT BE ACCEPTABLE UNDER ANY CONDITIONS.
37. HOSE BIB WITH VACUUM BREAKER SHALL BE PROVIDED UNDER LAVATORY IN EACH PUBLIC RESTROOM.
38. INSULATE INDIRECT DRAIN LINES FROM REFRIGERATORS, FREEZERS, ICE MAKER AND ICE BINS WITH MANVILLE AERO-TUBE OR EQUAL TO PREVENT CONDENSATE DRIPS.
39. INSULATE WASTE PIPE AND P-TRAP FROM FLOOR SINK, FLOOR DRAINS OR FUNNEL DRAINS COLLECTING INDIRECT DRAINS FROM REFRIGERATORS, FREEZERS, ICE MAKER AND ICE BINS TO PREVENT CONDENSATE DRIPS. INSULATE WASTE PIPE UP TO THE NEXT 3" OR 4" MAIN CONNECTION.
40. PROVIDE AND INSTALL GAS COCKS AND UNION AT EACH GAS FIRED EQUIPMENT.
41. PROVIDE AND INSTALL CHROME ANGLE VALVES ON HOT AND COLD WATER SUPPLY AT EACH PLUMBING FIXTURES.
42. ALL WATER FAUCETS SHALL BE PROVIDED WITH CODE APPROVED FLOW RESTRICTORS.
43. COVER ALL FLOOR DRAINS, FLOOR SINKS, ROOF AND OVERFLOW DRAINS DURING CONSTRUCTIONS TO PREVENT DEBRIS FROM ENTERING PIPE AND PROTECT GRATES FROM DAMAGES.
44. COORDINATE WITH ELECTRICAL CONTRACTOR PRIOR TO ORDERING EQUIPMENT FOR AVAILABLE VOLTAGES AT ALL EQUIPMENT LOCATIONS.
45. COORDINATE WITH ELECTRICAL CONTRACTOR FOR ALL TAMPER AND FLOW SWITCH LOCATIONS.
46. BECAUSE OF THE SMALL SCALE DRAWINGS, IT IS NOT POSSIBLE TO INDICATE ALL OFFSETS, FITTINGS AND ACCESSORIES WHICH MAY BE REQUIRED. THE CONTRACTOR SHALL CAREFULLY INVESTIGATE THE CONDITIONS SURROUNDING INSTALLATION OF HIS WORK, FURNISHING THE NECESSARY PIPING, FITTINGS, VALVES, TRAPS, AND OTHER DEVICES WHICH MAY BE REQUIRED TO COMPLETE THE INSTALLATION.
47. UNLESS SPECIFIED ON STRUCTURAL DRAWINGS, ANY ALTERATION OR MODIFICATIONS TO STRUCTURAL ELEMENTS BY CUTTING, DRILLING, BORING, BRACING, WELDING ETC. SHALL HAVE WRITTEN APPROVAL STRUCTURAL ENGINEER PRIOR TO START WORK.
48. ITEMS NOT SHOWN IN THE DRAWINGS BUT NECESSARY FOR COMPLETE OPERATION OF THE SYSTEM/FIXTURES/EQUIPMENT OR FOR COMPLETE CODE INSTALLATION SHALL BE PROVIDED AT NO ADDED COST TO THE OWNER.
49. DIELECTRIC UNION ISOLATOR WITH THREADED CONNECTIONS SHALL BE PROVIDED FOR CONNECTING INCOMPATIBLE MATERIALS.
50. ALL PLUMBING FIXTURES SHALL BE APPROVED BY OWNER PRIOR TO ORDERING.
51. CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION OF ALL EXISTING UTILITIES TO WHERE HE IS TO CONNECT PRIOR TO INSTALLATION OF ANY PIPING. EXTEND NEW PIPING IF NECESSARY TO WHERE THE EXISTING IS.
52. ALL CONNECTIONS TO EXISTING SERVICES SHALL BE MADE SUCH THAT INTERRUPTION TIME WILL BE AS SHORT AS POSSIBLE. THE CONTRACTOR SHALL GIVE THE OWNER'S REPRESENTATIVE SUFFICIENT NOTICE OF SUCH INTERRUPTION AND THE ACTUAL SHUT DOWN TIME SHALL BE AT A TIME DESIGNATED BY THE OWNER'S REPRESENTATIVE.
53. ALL EXISTING PIPING DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED WITH MATERIALS TO MATCH EXISTING BY THE CONTRACTOR.
54. PROVIDE AND INSTALL WATER HAMMER ARRESTORS IN THE FOLLOWING LOCATIONS (ONLY NON-FERROUS ARRESTORS MAY BE INSTALLED IN ANY WATER SYSTEM):

    A. WATER LINES TO LAVATORY HEADERS, WATER CLOSET AND URINAL HEADERS, SERVICE SINKS, KITCHEN SINKS, WASH FOUNTAINS, DRINKING FOUNTAINS, LABORATORIES WITH MEDICAL TYPE FAUCETS AND ON WASH SINKS HAVING 3 OR MORE STATIONS AND ALL OTHER QUICK CLOSING FIXTURE SUCH AS CLOTHES WASHERS, AS CLOSE TO FIXTURE AS POSSIBLE.

    B. BETWEEN LAST 2 FIXTURES WHEN 3 OR MORE FIXTURES, OTHER THAN THOSE LISTED IN "A" ABOVE, ARE SERVED BY A COMMON HEADER.

    C. WHEN ARRESTOR SHALL BE INSTALLED IN WALL OR FURRING, FURNISH WITH AN ACCESS PLATE LARGE ENOUGH TO PERMIT REMOVAL OF ARRESTOR. ACCESS PLATE SHALL BE A MINIMUM OF 2 INCHES LARGER IN EACH DIRECTION THAN ARRESTOR.
55. ALL PIPING INTO STEM WALLS AND FOOTINGS SHALL BE DOUBLE HALF LAP WRAPPED WITH 1/8" THICK "ARMAFLEX" INSULATION. THE CONTRACTOR SHALL ALSO PROVIDE BLOCKED OUT AREAS IN STEM WALL AND FOOTING. ALL PIPING SHALL AVOID THE LOWER 8" OF THE FOOTING.
56. ALL HOT WATER PIPING SHALL BE INSULATED. INSULATION SHALL HAVE A FLAME SPREAD OF NOT MORE THAN 25 AND A SMOKE DENSITY NOT EXCEEDING 50 PER 2016 CMC SEC. 1201.3.2.11. SEE SPECIFICATION FOR OTHER REQUIREMENTS.
57. ALL CONNECTIONS TO SITE PIPING SHALL BE DONE BY THE PLUMBING CONTRACTOR.
58. CLEANOUTS SHALL BE PROVIDED PER 2016 CPC SECTION 707.0 & 719.0 AND TO THE FOLLOWING LOCATIONS:

    A. AT EACH BASE OF ROOF DRAIN DOWNSPOUTS.

    B. AT EACH BASE OF WASTE STACK.

    C. AT EVERY 100 FT OF STRAIGHT RUN OF HORIZONTAL PIPING .

    D. AT EACH AGGREGATE HORIZONTAL CHANGE IN DIRECTION EXCEEDING ONE HUNDRED THIRTY-FIVE (135) DEGREES.

    E. AT EACH HORIZONTAL DRAINAGE PIPE UPPER TERMINAL

    F. ABOVE EACH URINAL.

    G. BELOW EACH SINK.
59. PROVIDE SEDIMENT TRAP AS CLOSE AS POSSIBLE TO ALL GAS APPLIANCES AND GAS FIRED EQUIPMENTS INLET EXCEPT FOR APPLIANCES LISTED PER 2016 CPC SECTION 1211.8. SEE SEDIMENT TRAP INSTALLATION PER 2016 CPC FIGURE 1211.8.
60. DOMESTIC WATER PIPING AND COMPONENTS SHALL BE PROVIDED AND INSTALLED IN COMPLIANCE WITH CALIFORNIA AB 1953 LEGISLATION, WHICH LIMITS THE ALLOWABLE LEAD CONTENT IN CERTAIN DOMESTIC WATER SYSTEM COMPONENTS.
61. ALL PLUMBING FIXTURES AND FITTINGS SHALL MEET CALGREEN MANDATORY REQUIREMENT OF 20% REDUCED FLOW RATE SPECIFIED IN TABLE 5.303.2.3.

MECHANICAL PIPE AND DUCT SYSTEM SEISMIC SUPPORT NOTES

MECHANICAL & PLUMBING:

1. SUPPORT AND BRACING FOR NEW PIPING, EXCEPT FIRE SPRINKLER PIPING, AND FOR NEW DUCTWORK SHALL BE PROVIDED PER OPM-0043-13 MASON SEISMIC RESTRAINT COMPONENTS FOR SUSPENDED UTILITIES OR OTHER APPROVED OSHPD OPM.
2. LAYOUT DRAWINGS, SHOWING THE BRACING/SUPPORT LOCATIONS AND REFERENCES TO DETAILS FROM THE RELEVANT OSHPD PRE-APPROVALS NEED TO BE SUBMITTED FOR USE BY THE INSPECTOR OF RECORD AND OSHPD FIELD STAFF. THE LAYOUT DRAWINGS, PREPARED PER ASCE 7 CHAPTER 13 AS MODIFIED BY CBC SECTIONS 1613A/1616A, SHALL BE PREPARED BY THE SUBCONTRACTOR AND SIGNED BY A STRUCTURAL ENGINEER LICENSED IN THE STATE OF CALIFORNIA. REFERENCES TO DETAILS FROM THE OSHPD PRE-APPROVAL SHALL BE FOR AN ENTIRE DETAIL AS SUBMITTED OR REFERENCE SHALL BE FOR EACH ASPECT OF A SUBMITTED DETAIL. CUSTOM DETAILS SHALL BE PROVIDED FOR SITUATIONS WHERE OSHPD PRE-APPROVALS DO NOT APPLY. AT LEAST FOUR WEEKS PRIOR TO BEGINNING INSTALLATION, FOUR COPIES OF THE PLANS SHALL BE SUBMITTED TO THE ARCHITECT OF RECORD WHO WILL SUBMIT THEM TO THE STRUCTURAL ENGINEER OF RECORD FOR REVIEW AND APPROVAL. AFTER THIS APPROVAL, THE DRAWINGS WILL BE SUBMITTED TO THE OSHPD DISTRICT STRUCTURAL ENGINEER FOR REVIEW AND APPROVAL. THE PLANS SHALL BE COORDINATED WITH THE PLANS OF OTHER TRADES. A COPY OF THE CHOSEN BRACING SYSTEM INSTALLATION GUIDE/MANUAL SHALL BE ON THE JOBSITE PRIOR TO STARTING THE INSTALLATION.
3. THE STRUCTURAL ENGINEER FOR THE CONTRACTOR SHALL DETERMINE THE APPROPRIATE SEISMIC FORCES BASED ON THE DESIGN CRITERIA SHOWN ON THE STRUCTURAL DRAWINGS.
4. ONCE THE EXACT LOCATIONS OF ALL PIPING AND DUCTWORK HAVE BEEN ESTABLISHED, THE STRUCTURAL ENGINEER MUST CHECK THE ADEQUACY OF THE SUPPORTING STRUCTURE TO ENSURE THAT THE ORIGINAL DESIGN IS STILL ADEQUATE. THE INSPECTOR OF RECORD SHALL INSURE THAT ALL WORK IS PROPERLY INSTALLED PER THE APPLICABLE OSHPD PRE-APPROVAL.

SHEET INDEX

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REGISTERED PROFESSIONAL ENGINEER — PAUL A. LUNER — No. M29900 — 4/7/17 — MECHANICAL — STATE OF CALIFORNIA

REV:	DESCRIPTION:	DATE:
1	OSHPD COMMENTS	05/21/2017
2	OSHPD COMMENTS	08/21/2017

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OSHPD APPROVAL STAMP:
OSHPD #: S170837-37-00

SHEET TITLE:
GENERAL NOTES, LEGEND, ABBREVIATION AND SHEET INDEX

PROJECT TITLE:

PROJECT #:	8644
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CHECKED BY:	PL
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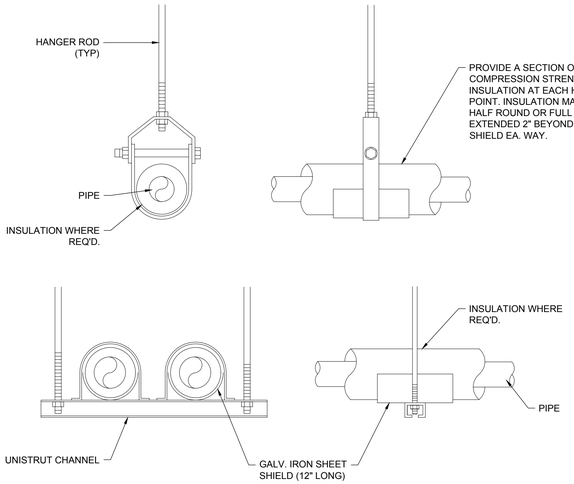
SHEET NUMBER: P001

100% CONSTRUCTION DOCUMENTS



1 PIPE HANGER DETAIL

NO SCALE

NOTES

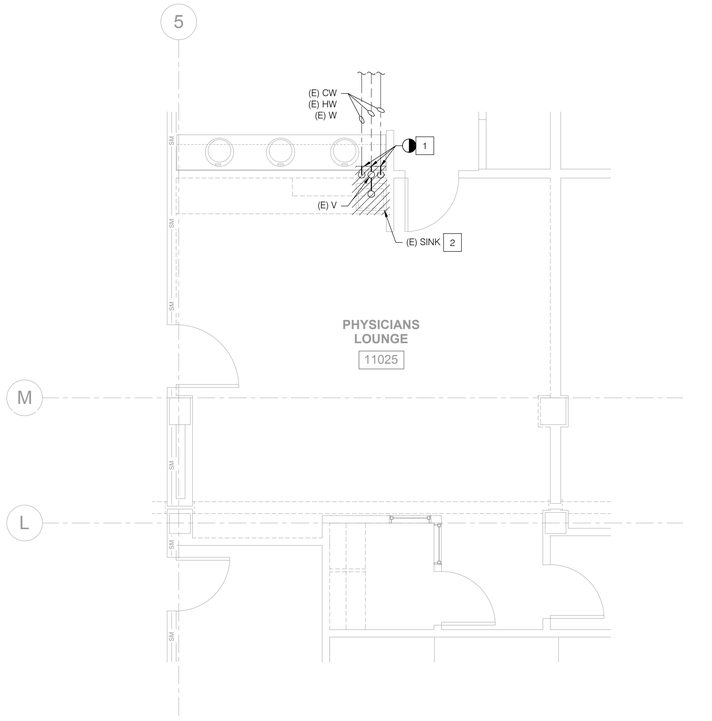
1. POD AND CAP (E) CW, (E) HW, (E) W & (E) V.
2. REMOVE (E) SINK.
3. POC 1 1/2" V TO (E) V.
4. POC 3/4" CW, 3/4" HW & 2"W TO (E) CW, (E) HW, & (E) W.

FIXTURE SCHEDULE

MARK	FIXTURE	CW	HW	S OR W	V	REMARKS
S-1	KITCHEN SINK (SINGLE BOWL)	1/2"	1/2"	2"	1-1/2"	ELKAY LRADQ191865PD, 18GA. TYPE 304 STAINLESS STEEL, SELF RIMMING, WITH INTEGRAL SUPPORT BRACKETS. COMPLETE WITH CHICAGO @201-AE35-317ABCP (1.5 GPM) FAUCET. CHICAGO #1006 LOOSE KEY STOPS AND RIGID SUPPLIES AND 17 GA. P-TRAP.
NOTE: ALL FIXTURES SHALL BE PROVIDED WITH MINIMUM ROUGH-IN CONNECTIONS AS INDICATED IN THIS SCHEDULE OR PER MANUFACTURERS RECOMMENDATIONS. THE PLUMBING CONTRACTOR SHALL RUN ALL SERVICE LINES, ROUGH-IN AND MAKE FINAL CONNECTIONS TO ALL FIXTURES. PLUMBING CONTRACTOR SHALL FURNISH AND INSTALL ALL TRIMS, FLUSH VALVES, TAILPIECES, STRAINERS, P-TRAPS, TRAP ARMS, HOT & COLD WATER STOPS AND FAUCETS AS REQUIRED.						

PIPE SCHEDULE

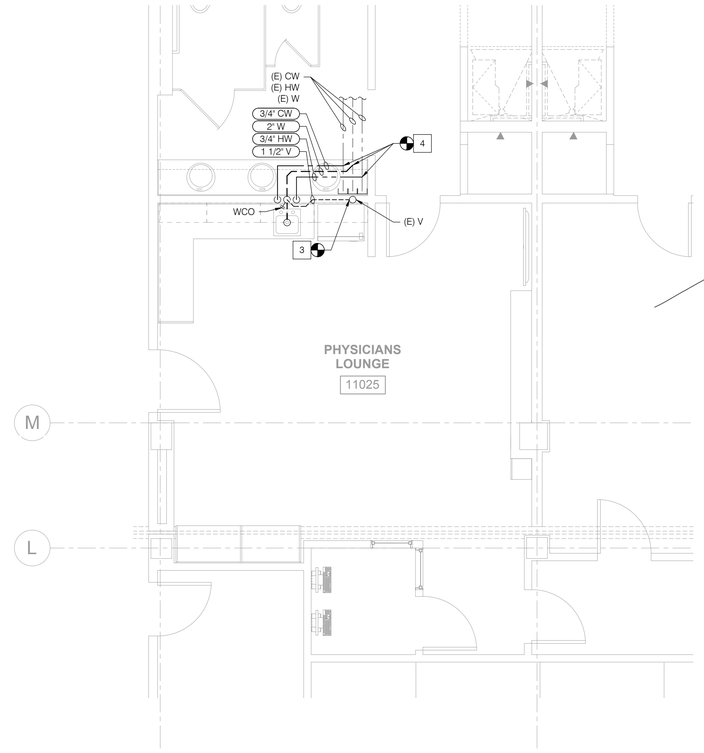
SERVICE	LOCATION	MATERIALS
DOMESTIC WATER	COLD WATER	TYPE "L" COPPER TUBING W/ WROUGHT COPPER SWEAT FITTINGS.
	HOT WATER	SAME AS ABOVE W/ 1" THICK MINERAL FIBER, PREFORMED PIPE INSULATION FOR NPS 1-1/4" AND SMALLER. USE 1-1/2" THICK FOR NPS 1-1/2" AND LARGER.
SANITARY WASTE	ABOVE GRADE	NO-HUB CAST IRON BY "AB&I, TYLER OR CHARLOTTE", LISTED WITH C.I.S.P.I. AND SHALL COMPLY WITH STANDARD 301, HEAVY-DUTY STAINLESS STEEL FOUR BAND COUPLINGS ASTM C 1277.
	BELOW GRADE	NO-HUB CAST IRON BY "AB&I, TYLER OR CHARLOTTE", LISTED WITH C.I.S.P.I. AND SHALL COMPLY WITH STANDARD 301, HEAVY-DUTY STAINLESS STEEL FOUR BAND COUPLINGS ASTM C 1277, HIGH-DENSITY CROSS-LAMINATED POLYETHYLENE FILM ENCASEMENT FOR PIPING SHALL COMPLY WITH ASTM A 674 OR AWWA C105/A 21.5.
SANITARY VENT	CONCEALED	NO-HUB CAST IRON BY "AB&I, TYLER OR CHARLOTTE", LISTED WITH C.I.S.P.I. AND SHALL COMPLY WITH STANDARD 301, HEAVY-DUTY STAINLESS STEEL FOUR BAND COUPLINGS ASTM C 1277.
	EXPOSED	NO-HUB CAST IRON BY "AB&I, TYLER OR CHARLOTTE", LISTED WITH C.I.S.P.I. AND SHALL COMPLY WITH STANDARD 301, HEAVY-DUTY STAINLESS STEEL FOUR BAND COUPLINGS ASTM C 1277.
	BELOW GRADE	NO-HUB CAST IRON BY "AB&I, TYLER OR CHARLOTTE", LISTED WITH C.I.S.P.I. AND SHALL COMPLY WITH STANDARD 301, HEAVY-DUTY STAINLESS STEEL FOUR BAND COUPLINGS ASTM C 1277, HIGH-DENSITY CROSS-LAMINATED POLYETHYLENE FILM ENCASEMENT FOR PIPING SHALL COMPLY WITH ASTM A 674 OR AWWA C105/A 21.5.



1 FLOOR PLAN - DEMOLITION

1/4" = 1'-0"

NORTH



2 FLOOR PLAN - RENOVATION

1/4" = 1'-0"

NORTH

S F E I R
A R C H I T E C T S

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LICENSED ARCHITECT — JOSEPH MICHEL SFEIR — No. C28543 — REN. 8-31-19 — STATE OF CALIFORNIA

REGISTERED PROFESSIONAL ENGINEER — PAUL A. LUER — No. M29400 — 4/7/17 — MECHANICAL — STATE OF CALIFORNIA

REV:	DESCRIPTION:	DATE:
1	OSHPD COMMENTS	05/21/2017
2	OSHPD COMMENTS	08/21/2017

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OSHPD APPROVAL STAMP:
OSHPD #: S170837-37-00

SHEET TITLE:
SCHEDULES, DETAILS & FLOOR PLANS - DEMOLITION & RENOVATION

PROJECT TITLE:

PROJECT #: 8644
DRAWN BY: ED
CHECKED BY: PL
SCALE: AS NOTED
DATE: 04/07/17

SHEET NUMBER:
P201

100% CONSTRUCTION DOCUMENTS