# TCMC EMERGENCY DEPARTMENT

### STRUCTURAL:

SUN STRUCTURAL ENGINEERING

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# TRI-CITY MEDICAL CENTER

#### 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056

**100% CONSTRUCTION DOCUMENTS** 08/03/16

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**OSHPD COMMENTS:** 12/01/16

<u>2</u>` **DESIGN CHANGES**: 12/01/16

> **OSHPD COMMENTS:** 02/14/17

**DESIGN CHANGES**: 02/14/17

**OSHPD COMMENTS:** 08/11/17 

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OSHPD PROJECT NUMBER: <u>S162093-37-00</u>

MEP:

## P2S ENGINEERING

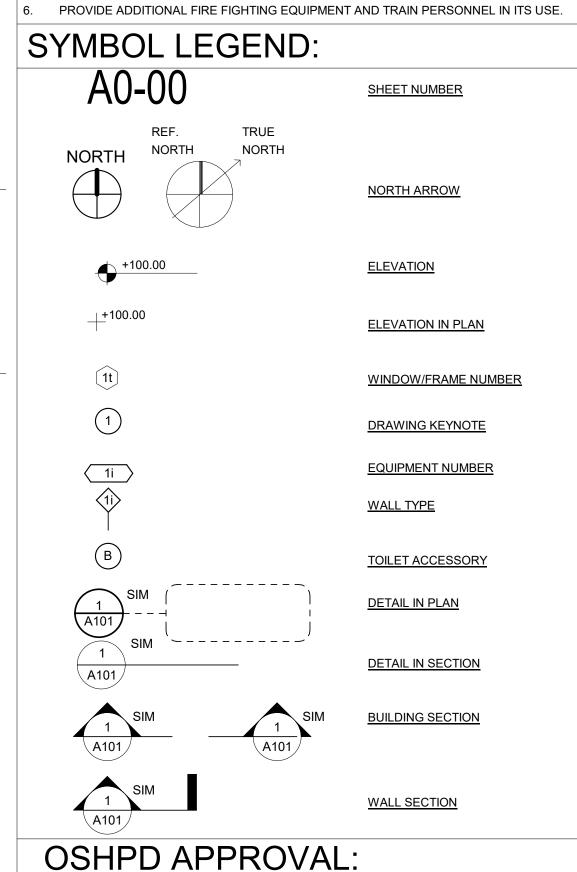
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#### **ABBREVIATIONS:**

ACT	ACOUSTICAL CEILING TILE	HORIZ	HORIZONTAL
ALUM	ALUMINUM		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		LIGHT WEIGHT
вот	BOTTOM	MAX	MAXIMUM
CAB	CABINET	MECH	MECHANICAL
CAR	CARPET	MIN	MINIMUM
CEM	CEMENT	MISC	MISCELLANEOUS
СТ	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 ENCL		RO	ROUGH OPENING
ENCL	ENCLOSURE EQUAL	RUB SC	RUBBER
EW	EACH WAY	SCHED	SOLID CORE SCHEDULE
EWC	ELECT WATER COOLER	SHR	SHOWER
EXG	EXISTING	SHK	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**

- 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.
- PRIOR TO THE START OF WORK CONSULT WITH FIELD FIRE MARSHAL ON AN ACCEPTABLE EXITING ARRANGEMENT. A FIRE WATCH MAY BE REQUIRED AT THE DISØRETION OF THE FIRE MARSHAL INTÉRIM LIFE SAFETY MEASURES ARE REQUIRED TO TEMPORARILY COMPENSATE FOR THE DEFICIENCIES IN NORMAL LIFE SAFETY REQUIREMENTS DUE TO THE ACTIVITIES. REFER TO CAN 9-3301 IN INTERIM LIFE SAFETY MEASURES.
- ENSURE THAT THE EXITS PROVIDE FREE AND UNOBSTRUCTED EGRESS. PERSONNEL 3 SHALL RECEIVE TRAINING IF ALTERNATE EXITS MUST BE DESIGNATED. AREAS UNDER CONSTRUCTION MUST MAINTAIN ESCAPE FACILITIES FOR CONSTRUCTION WORKERS TIMES. MEANS OF EGRESS MUST BE INSPECTED DAILY. AT ALL
- ENSURE THAT FIRE ALARM, DETECTION & SUPPRESSION SYSTEMS ARE NOT IMPAIRED.
- ENSURE THAT TEMPORARY CONSTRUCTION PARTITIONS ARE SMOKE TIGHT AND CONSTRUCTED OF NON-COMBUSTIBLE MATERIALS.



#### SEISMIC BRACING

SEISMIC BRACING - CBC 2016 CHAPTER 16A/ASCE 7-10 HVAC DUCTWORK, I PIPING AND CONDUIT SYSTEMS.

- ALL PIPES, DUCTS AND CONDUIT SHALL BE BRACED TO RESIST THE FORCE PRESCRIBED IN 2016 CBC CHAPTER 16A/ASCE 7-10. DUCTWORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH PROVISIONS CONTAINED IN PART 4 CALIFORNIA MECHANICAL CODE. WHERE POSSIBLE, PIPES, CONDUIT, AND CONNECTIONS SHALL BE CONSTRUCTED OF DUCTILE MATERIALS (COPPER IRON, STEEL OR ALUMINUM AND BRAZED, WELDED OR SCREWED CONNEC PIPES, CONDUITS AND THEIR CONNECTIONS, CONSTRUCTED OF NONDUCT MATERIALS (E.G., CAST IRON, NO-HUB PIPE AND PLASTIC), SHALL HAVE THE
- SPACING REDUCED TO SATISFY REQUIREMENTS OF ASCE 7-10 CHAPTER 1 TO EXCEED ONE-HALF OF THE SPACING ALLOWED FOR DUCTILE MATERIAL

SEISMIC SUPPORTS ARE NOT REUIRED FOR HVAC DUCTWORK WITH I = 1.5 I OF THE FOLLOWING CONDITIONS IS MET FOR THE FULL LENGTH OF EACH D

- TRAPEZE ASSEMBLIES ARE USED TO SUPPORT DUCTWORK AND THE WEIGHT FOR THE DUCTWORK SUPPORTED BY TRAPEZE ASSEMBLIE THAN 10 LB/FT OR
- THE DUCTWORK IS SUPPORTED BY HANGERS AND EACH HANGER IN DUCT RUN IS 12" OR LESS IN LENGTH FORM THE DUCT SUPPORT POIL THE SUPPORTING STRUCTURE. WHERE ROD HANGERS ARE USED W DIAMETER GREATER THAN 3/8", THEY SHALL BE EQUIPPED WITH SWI PREVENT INELASTIC BENDING IN THE ROD.
- WHERE PROVISIONS ARE MADE TO AVOID IMPACT WITH LARGER DUC C. MECHANICAL COMPONENTS ROT O PROTECT THE DUCTS IN THE EVEI SUCH, AND HVAC DUCTS HAVE A CROSS-SECTION AREA OF 6 FT2 OR OR WEIGH 10 LB/FT OR LESS.

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

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

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

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

- PIPING IS SUPPORTED BY ROD HANGERS: HANGERS IN THE PIP ARE 12 IN. (305 MM) OR LESS IN LENGTH FROM THE TOP OF THE TO THE SUPPORTING STRUCTURE; HANGERS ARE DETAILED T BENDING OF THE HANGERS AND THEIR ATTACHMENTS; AND PROVISIONS ARE MADE FOR PIPING TO ACCOMMODATE EXPEC DEFLECTIONS.
- HIGH-DEFORMABILITY PIPING IS USED; PROVISIONS ARE MADE AVOID IMPACT WITH LARGER PIPING OR MECHANICAL COMPON OR TO PROTECT THE PIPING IN THE EVENT OF SUCH IMPACT; AI FOLLOWING SIZE REQUIREMENTS ARE SATISFIED:
  - FOR SEISMIC DESIGN CATEGORIES D, E, OR F WHERE IP GREATER THAN 1.0, THE NOMINAL PIPE SIZE SHALL BE 1 OR LESS.
  - FOR SEISMIC DESIGN CATEGORIES D.E. OR F WHERE IP TO 1.0, THE NOMINAL PIPE SIZE SHALL BE 3 IN. (76 MM) O
- WHERE LATERAL RESTRAINTS ARE OMITTED. THE PIPING, DUCTS OR COND SHALL BE INSTALLED SUCH THAT LATERAL MOTION OF THE PIPING OR DUC NOT CAUSE DAMAGING IMPACT WITH OTHER SYSTEMS OR STRUCTURAL MEMBERS, OR LOSS OF VERTICAL SUPPORT.
- ALL TRAPEZE ASSEMBLIES SUPPORTING PIPES, DUCTS AND CONDUIT SHA BRACED TO RESIST THE FORCES OF CHAPTER 16A/ASCE 7, CONSIDERING TOTAL WEIGHT OF THE ELEMENTS ON THE TRAPEZE.
- PIPES, DUCTS AND CONDUIT SUPPORTED BY A TRAPEZE WHERE NONE OF ELEMENTS WOULD INDIVIDUALLY BE BRACED NEED NOT BE BRACED IF CONNECTIONS TO THE PIPE/CONDUIT/DUCTWORK OR DIRECTIONAL CHANG NOT RESTRICT THE MOVEMENT OF THE TRAPEZE. IF THIS FLEXIBILITY IS NO PROVIDED, BRACING WILL BE REQUIRED WHEN THE AGGREGATE WEIGHT PIPES AND CONDUIT EXCEEDS 10 POUNDS/ FEET (146 N/m). THE WEIGHT S DETERMINED ASSUMING ALL PIPES AND CONDUIT ARE FILLED WITH WATER
- EQUIPMENT SUPPORTS AND ATTACHMENTS

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

EQUIPMENT SUPPORTS AND ATTACHMENTS SHALL BE APPROVED BY THE APPROPRIATE DESIGN PROFESSIONAL OF RECORD (RDP) AND OSHPD AS F 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 CONFORMAN WITH REQUIREMENTS OF THE 2016 CALIFORNIA BUILDING CODE, CHAPTER 16A/ASCE 7-10. AS THE BASIS FOR THE RESTRAINT REQUIREMENTS, CALCUI AND SUBMIT TOTAL DESIGN LATERAL FORCE(S) SPECIFIC TO THE PROJECT 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 GUIDELIN SUSPENDED DISTRIBUTION SYSTEMS.

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

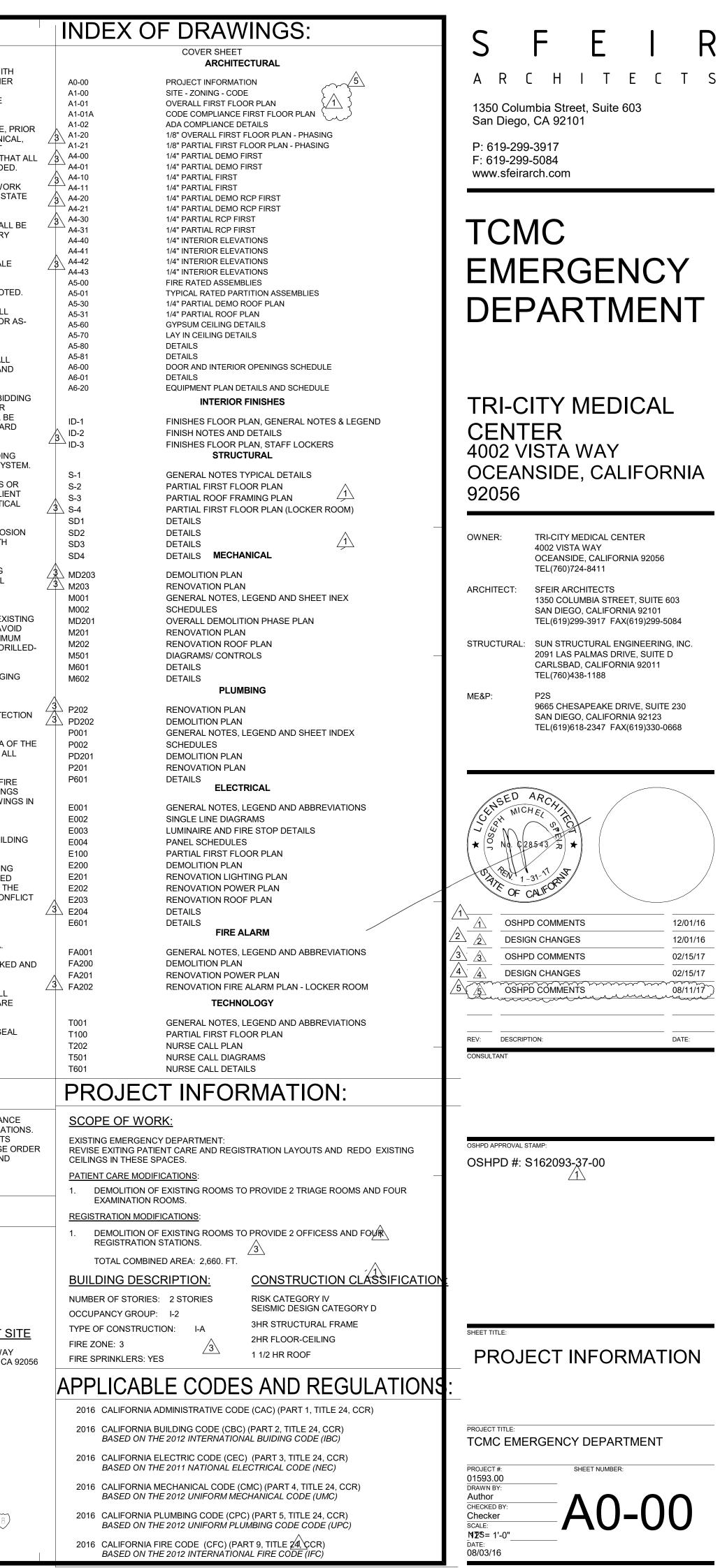
LAYOUT DRAWINGS OF THE SUPPORTS AND BRACING SYSTEMS IN ACCOR WITH THE PRE-APPROVAL SHALL BE SUBMITTED TO THE REGISTERED DESI PROFESSIONAL (RDP) IN RESPONSIBLE CHARGE OF THE PROJECT FOR RE VERIFY THAT THE DETAILS ARE IN CONFORMANCE WITH ALL CODE REQUIR THE LAYOUT DRAWINGS SHALL AS A MINIMUM SATISFY THE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

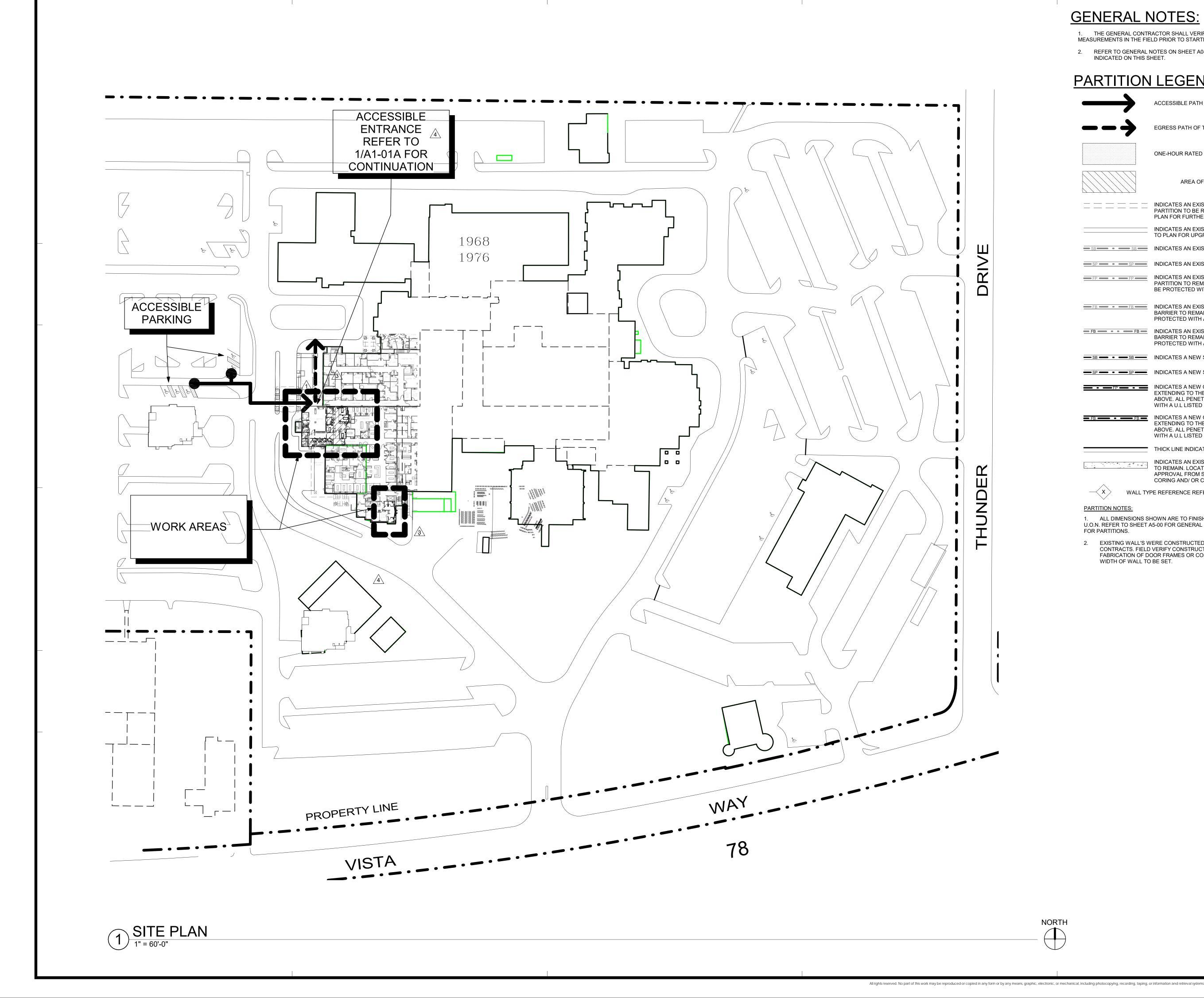
- THE STRUCTURAL ENGINEER OF RECORD (SEOR) SHALL VERIFY THAT SUPPORTING STRUCTURE IS ADEQUATE FOR THE LOADS IMPOSED O SUPPORTS AND BRACES INSTALLED IN ACCORDANCE WITH THE PRE-IN ADDITION TO ALL OTHER LOADS.
- THE SEOR SHALL FORWARD THE ANCHORAGE AND BRACING DRAWI b) (INCLUDING APPROVED CHANGE ORDERS FOR SUPPLEMENTARY FRA WHERE REQUIRED) TO THE DISCIPLINE IN RESPONSIBLE CHARGE WIT NOTATION INDICATING THAT THE DRAWINGS HAVE BEEN REVIEWED GENERAL CONFORMANCE WITH THE PRE-APPROVAL AND THE DESIG PROJECT
- c) A "SHOP DRAWING STAMP" MAY BE USED TO INDICATE COMPLIANCE REQUIREMENT.
- THE REGISTERED DESIGN PROFESSIONAL (OTHER THAN SEOR) MAY SHOP DRAWING STAMP FOR SMALL PROJECTS AT THE DISCRETION O DISTRICT STRUCTURAL ENGINEER.
- THE SEOR SHALL DESIGN ANY SUPPLEMENTARY FRAMING THAT IS NEEDED RESIST THE LOADS, MAINTAIN STABILITY AND/OR IS REQUIRED FOR INSTALI THE PRE-APPROVED SYSTEM.
- a) THE SUPPLEMENTARY FRAMING SHALL BE SUBMITTED TO OSHPD AS ORDER

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		I	G	SENERAL NOTES
PLUMBING/ ES , TITLE 24, THEIR 2 DUCTILE	C.	<ul> <li>THE LAYOUT DRAWINGS (WITH THE SHOP DRAWING STAMP) SHALL BE SUBMITTED TO OSHPD TO REVIEW:</li> <li>1) STRUCTURE SUPPORTING THE DISTRIBUTION SYSTEM HAS ADEQUATE CAPACITY.</li> <li>2) SEISMIC DESIGN FORCES (FP) ARE IN ACCORDANCE WITH CBC 2016, AND</li> </ul>	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 WIT CONSTRUCTION. IF THERE ARE ANY QUESTIONS REGARDING THESE OR OTHE COORDINATION ISSUES, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR OBTAINING A CLARIFICATION FROM THE OWNERS' REPRESENTATIVE BEFORE PROCEEDING WITH WORK IN QUESTION OR RELATED WORK.
R, DUCTILE ETIONS). TILE E BRACE 3 AND NOT .S. IF EITHER		<ul> <li>VERIFY THAT SUBMITTAL IS WITHIN THE SCOPE OF OSHPD PRE-APPROVAL OF: MANUFACTURER'S CERTIFICATION (OPM):</li> <li>a. SIZE OF DISTRIBUTION SYSTEM COMPONENTS.</li> <li>b. SPACING OF BRACING AND FLEX JOINTS, AND</li> <li>c. SUBSTRATE FOR ATTACHMENTS.</li> </ul>	2.	THE GENERAL CONTRACTOR SHALL INFORM THE OWNERS' REPRESENTATIVE, TO CONSTRUCTION, OF ANY CONFLICTS THAT EXIST IN ANY AND ALL MECHANIC TELEPHONE, ELECTRICAL, LIGHTING, PLUMBING AND SPRINKLER EQUIPMENT LOCATIONS INCLUDING ALL PIPING, DUCTWORK AND CONDUIT, AND INSURE TH REQUIRED CLEARANCES FOR INSTALLATION AND MAINTENANCE ARE PROVIDE THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL WO
DUCT RUN:	D.	THE LAYOUT DRAWINGS (WITH THE SHOP DRAWINGS STAMP) SHALL BE KEPT ON THE JOBSITE AND CAN THEM BE USED FOR INSTALLATION OF THE SUPPORT AND BRACING.	4.	AND MATERIALS IN ACCORDANCE WITH ALL CODES AND REQUIREMENTS OF S AND LOCAL REGULATORY AGENCIES. ALL WORK NOT SPECIFICALLY COVERED IN THE CONTRACT DOCUMENTS SHAL FURNISHED AND INSTALLED IN ACCORDANCE WITH CONSTRUCTION INDUSTRY
E TOTAL S IS LESS	E.	a) OSHPD FIELD STAFF WILL REVIEW THE INSTALLATION. A COPY OF THE CHOSEN BRACING SYSTEM(S) INSTALLATION GUIDE/OPM MANUAL SHALL BE ON THE JOBSITE PRIOR TO STARTING THE INSTALLATION OF HANGERS	5.	STANDARDS. DRAWINGS, THOUGH NOTED TO SCALE, ARE DIAGRAMMATICAL. DO NOT SCAL DRAWINGS.
NT TO VITH A VELS TO	_	<ul> <li>AND/OR BRACES.</li> <li>a) IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN COPIES OF OPM AND FURNISH THE IOR WITH ONE COPY OF EACH.</li> </ul>	6. 7.	ALL HEIGHTS ARE DIMENSIONED FROM TOP OF SLAB UNLESS OTHERWISE NO THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR DOCUMENTING ALL CHANGES TO THE CONSTRUCTION DOCUMENTS, NO MATTER HOW MINOR, FOR BUILT RECORD DOCUMENTS. THESE DOCUMENTS ARE TO BE GIVEN TO THE
CTS OR ENT OF & LESS,	F.	<ul> <li>COMPONENTS OF TWO OR MORE PRE-APPROVED BRACING SYSTEMS SHALL NOT BE MIXED.</li> <li>a) ONLY ONE PRE-APPROVED BRACING SYSTEM MAY BE USED FOR A RUN OF PIPE, DUCT OR CONDUIT.</li> </ul>	8.	OWNERS' REPRESENTATIVE WITHIN 2 WEEKS AFTER FINAL COMPLETION. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AL UTILITIES INDICATED ON THE INTERIOR ELEVATIONS WITH THE ELECTRICAL AN
BE DNS. IAVE		<ul> <li>ANY SUBSTITUTION OF COMPONENT OF A PRE-APPROVED BRACING SYSTEM SHALL REQUIRE OSHPD REVIEW AND APPROVAL.</li> <li>REFERENCE: 2016 CAC SECTIONS 7-115, 7-126, 7-153, AND CBC 2016 SECTION 107.</li> </ul>	9.	PLUMBING SUBCONTRACTORS. IN THE CASE OF CONFLICTS OR AMBIGUITIES NOT CLARIFIED PRIOR TO THE BI DEADLINE, USE THE MOST COSTLY ALTERNATIVE (BETTER QUALITY, GREATER QUANTITY AND LARGER SIZE) IN PREPARING THE BID. A CLARIFICATION WILL B
T MEET SUCH ) WITH	R	EQUIREMENTS FOR ACCESSIBILITY	10.	ISSUED TO THE SUCCESSFUL BIDDER AS SOON AS FEASIBLE AFTER THE AWAI AND, IF APPROPRIATE, A DEDUCTIVE CHANGE ORDER WILL BE ISSUED. ALL PENETRATIONS THROUGH FIRE RESISTIVE PARTITION AND SLAB, INCLUDIN CONDUITS AND PIPING, SHALL BE CONSTRUCTED TO MEET APPROVED U.L. SY
PMENT	2.	ACT (ADA), ACCESSIBLE FEATURES SHALL COMPLY WITH THE STATE OF CALIFORNIA ADMINISTRATIVE CODE OF REGULATIONS, BUILDING CODE, TITLE 24, PART 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	11.	ALL PENETRATIONS INTO SOUND RATED PARTITIONS, INSULATED PARTITIONS CEILING ASSEMBLIES SHALL BE SEALED WITH APPROVED PERMANENT RESILIE SEALANT. OR OTHERWISE TREATED TO MAINTAIN INTEGRITY OF THE ACOUSTIC ASSEMBLY.
H NFPA TEMS	3.	PORTIONS OF THE BUILDING INCLUDING SANITARY FACILITIES, DRINKING FOUNTAINS AND PUBLIC TELEPHONES SERVING THE BUILDING MUST BE ACCESSIBLE TO THE DISABLED. ALL BUILDING ENTRANCES SHALL BE IDENTIFIED WITH AT LEAST ONE STANDARD SIGN	12.	CONTRACTOR TO PREVENT GALVANIC ACTION AND OTHER FORMS OF CORRO BY INSULATING METALS AND OTHER MATERIALS FROM DIRECT CONTACT WITH INCOMPATIBLE MATERIALS. THE CONTRACTOR SHALL PERFORM ALL CUTTING, PATCHING, AND FINISHING
PE RUN E PIPE O AVOID	4.	AND WITH ADDITIONAL DIRECTIONAL SIGNS, AS REQUIRED, TO BE VISIBLE TO PERSONS ALONG APPROACHING PEDESTRIAN WAYS. HAND-ACTIVATED DOOR OPENING HARDWARE SHALL BE CENTERED BETWEEN 34 INCHES AND 44 INCHES ABOVE THE FLOOR. LATCHING AND LOCKING DOORS THAT ARE	14.	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. WHEN INSTALLING DRILLED-IN ANCHORS AND OR POWDER DRIVEN PINS IN EX
TO		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)		NON-PRESTRESSED REINFORCED CONCRETE, USE CARE AND CAUTION TO AV CUTTING OR DAMAGING THE EXISTING REINFORCING STEEL. MAINTAIN A MINIM CLEARANCE OF ONE INCH BETWEEN THE REINFORCEMENT STEEL AND THE DI IN ANCHOR AND OR PIN.
NENTS ND THE	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	15. 16.	THE CONTRACTOR SHALL COORDINATE ALL PHASING, ACCESS, DEBRIS, STAG AREAS, AND HOURS OF CONSTRUCTION WITH OWNERS PRIOR TO START OF CONSTRUCTION. CONTRACTOR TO PROVIDE REQUIRED DUST AND INFECTION CONTROL PROTE
IN. (25 MM) IS EQUAL R LESS.	6.	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) THE BOTTOM 10 INCHES OF ALL DOORS EXCEPT AUTOMATIC AND SLIDING SHALL HAVE A	17.	SYSTEM. MEANS AND METHODS TO BE COORDINATED WITH OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SECURITY OF THE AREA PROJECT WORK AND SHALL ALSO BE RESPONSIBLE FOR THE DISCIPLINE OF A CONSTRUCTION WORKERS ON THE PROJECT.
DUIT CT WILL LL BE		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)	18.	THE GENERAL CONTRACTOR SHALL COORDINATE WITH STRUCTURAL, MEP, FI ALARM, FIRE PROTECTION, NURSE CALL, INTERIORS AND EQUIPMENT DRAWIN PRIOR TO STARTING CONSTRUCTION. THE PROJECT MANUAL AND ALL DRAWI THE CONSTRUCTION DRAWINGS SHALL BE PART OF THE CONSTRUCTION DOCUMENTS.
THE THOSE GES DO	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)	20.	THE GENERAL CONTRACTOR SHALL SEPARATE DISSIMILAR METALS WITH BUIL PAPER OR PLASTIC SHIM. THE GENERAL CONTRACTOR SHALL X-RAY AND/OR ULTRASOUND THE EXISTIN CONCRETE FLOORS AND STRUCTURAL SLAB ABOVE ANY POSSIBLE EMBEDDE
OF THE HALL BE	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.	21.	CONDUITS, STRUCTURAL REBAR UNFORESEEN CONDITION THAT IS OUTSIDE T SCOPE OF WORK AND MIGHT IMPEDE THE ANCHORING OF EQUIPMENT OR COI WITH TRENCHING PRIOR TO CONSTRUCTION. CONTRACTOR STAGING TO BE IN THE ROOMS UNDER REMODEL.
ART OF EPT	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.	22. 23. 24.	CONTRACTOR PARKING TO BE IN CONTRACTOR DESIGNATED PARKING AREA. THE CONTRACTOR SHALL ENSURE THAT THE AREA UNDER REMODEL IS LOCK OTHERWISE SECURED AFTER HOURS. THE GENERAL CONTRACTOR IS RESPONSIBLE TO CUT & PATCH TO MATCH ALL
PART OF	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.	25.	EXISTING PARTITIONS WHERE NEW FIRE ALARM AND ELECTRICAL DEVICES AR REQUIRED AS SPECIFIED IN THE FIRE ALARM DRAWINGS. CONTRACTOR TO INCLUDE AN ALLOWANCE TO FURNISH AND APPLY CRETESE 2000 CONCRETE SEALER OR APPROVED EQUAL ON SLAB ON GRADE.
NCE	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		OSHPD INTENT STATEMENT
JLATE FPER	12. 13.	FOR RAMPS. MINIMUM WIDTH SHALL BE 48". 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 INTENT OF THE DRAWINGS AND SPECIFICATIONS IS TO BUILD IN ACCORDAN WITHTHE 2016 EDITION OF TITLES 24 & 19 OF THE CALIFORNIA CODE OF REGULA SHOULD ANY CONDITION OCCUR NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH SAID CODES, A CHANGE DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND ADDROVED BY COULD PROOF TO PROOF THE ADDROVED WITH THE WORK
NES FOR	14.	THE FINISHED FLOOR. 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		APPROVED BY OSHPD PRIOR TO PROCEEDING WITH THE WORK.
DANCE IGN VIEW TO REMENTS. S OF ASCE	15.	THE FINISHED FLOOR. 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.	OCE	Λ
NT THE DN IT BY THE E-APPROVAL	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.		ESC ONDIDO
NGS AMING ITH A	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. ADDITIONAL SIGNAGE REQUIREMENTS: RAISED LETTERS SHALL BE PROVIDED AND		4002 VISTA WA OCEANSIDE, C
AND ARE IN SN OF THE WITH THIS	18.	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		
PROVIDE OF THE		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		DEL MAR 56 (15) POWAY SCRIPPS DOWAY PKY SCRIPPS DOWAY PKY
D TO LATION OF	1.1	DEFERRED APPROVALS	▲ -	NORTH
		FIRE SPRINKLER SYSTEM. FIRE ALARM.		

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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:

$\rightarrow$	ACCESSIBLE PATH OF TRAVEL.
>	EGRESS PATH OF TRAVEL.
	ONE-HOUR RATED CORRIDOR.
	AREA OF CONCRETE SLAB.
	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.
SB SB SB	INDICATES AN EXISTING 1 HOUR SMOKE BARRIER
SP • SP	INDICATES AN EXISTING SMOKE PARTITION
FP -	INDICATES AN EXISTING ONE HOUR FIRE RATED PARTITION TO REMAIN. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
FB • FB	INDICATES AN EXISTING ONE HOUR RATED FIRE BARRIER TO REMAIN, ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
- FB	INDICATES AN EXISTING TWO HOUR RATED FIRE BARRIER TO REMAIN, ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
- SB - • - SB	INDICATES A NEW SMOKE BARRIER
SP • SP	INDICATES A NEW SMOKE PARTITION
— • — FP — • —	INDICATES A NEW ONE HOUR RATED FIRE PARTITION EXTENDING TO THE UNDERSIDE OF THE STRUCTURE ABOVE. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
<b>•</b> FB <b>••• ••</b> FB <b>••</b>	INDICATES A NEW ONE HOUR RATED FIRE BARRIER EXTENDING TO THE UNDERSIDE OF THE STRUCTURE ABOVE. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
	THICK LINE INDICATES NEW SURFACE FINISH.
	INDICATES AN EXISTING STRUCTURAL CONCRETE WALL TO REMAIN. LOCATE REINFORCING STEEL AND OBTAIN APPROVAL FROM STRUCTURAL ENGINEER PRIOR TO CORING AND/ OR CUTTING.

 $\langle x \rangle$ WALL TYPE REFERENCE REFER TO SHEET A5-01.

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 WALL'S 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.



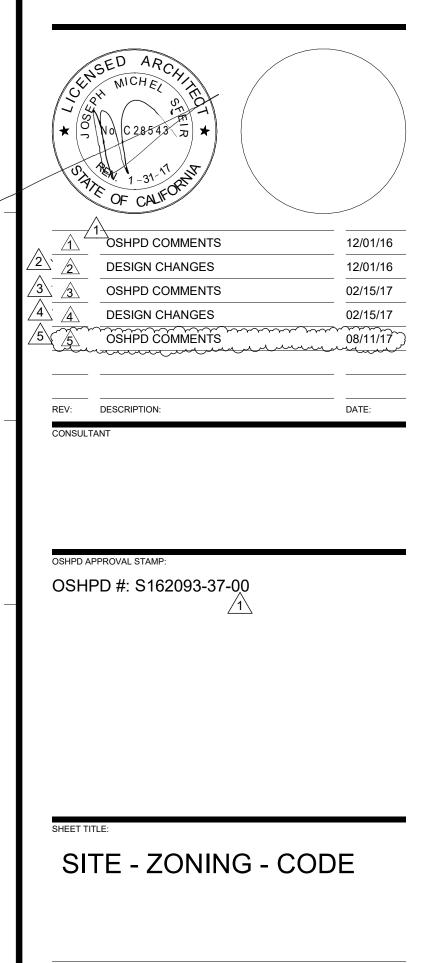
1350 Columbia Street, Suite 603 San Diego, CA 92101

P: 619-299-3917 F: 619-299-5084 www.sfeirarch.com

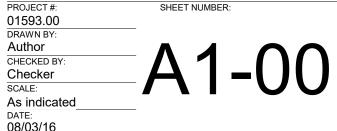
# TCMC EMERGENCY DEPARTMENT

#### TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056

OWNER:	TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056 TEL(760)724-8411
ARCHITECT:	SFEIR ARCHITECTS 1350 COLUMBIA STREET, SUITE 603 SAN DIEGO, CALIFORNIA 92101 TEL(619)299-3917 FAX(619)299-5084
STRUCTURAL:	SUN STRUCTURAL ENGINEERING, INC. 2091 LAS PALMAS DRIVE, SUITE D CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188
ME&P:	P2S 9665 CHESAPEAKE DRIVE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347 FAX(619)330-0668



PROJECT TITLE: TCMC EMERGENCY DEPARTMENT



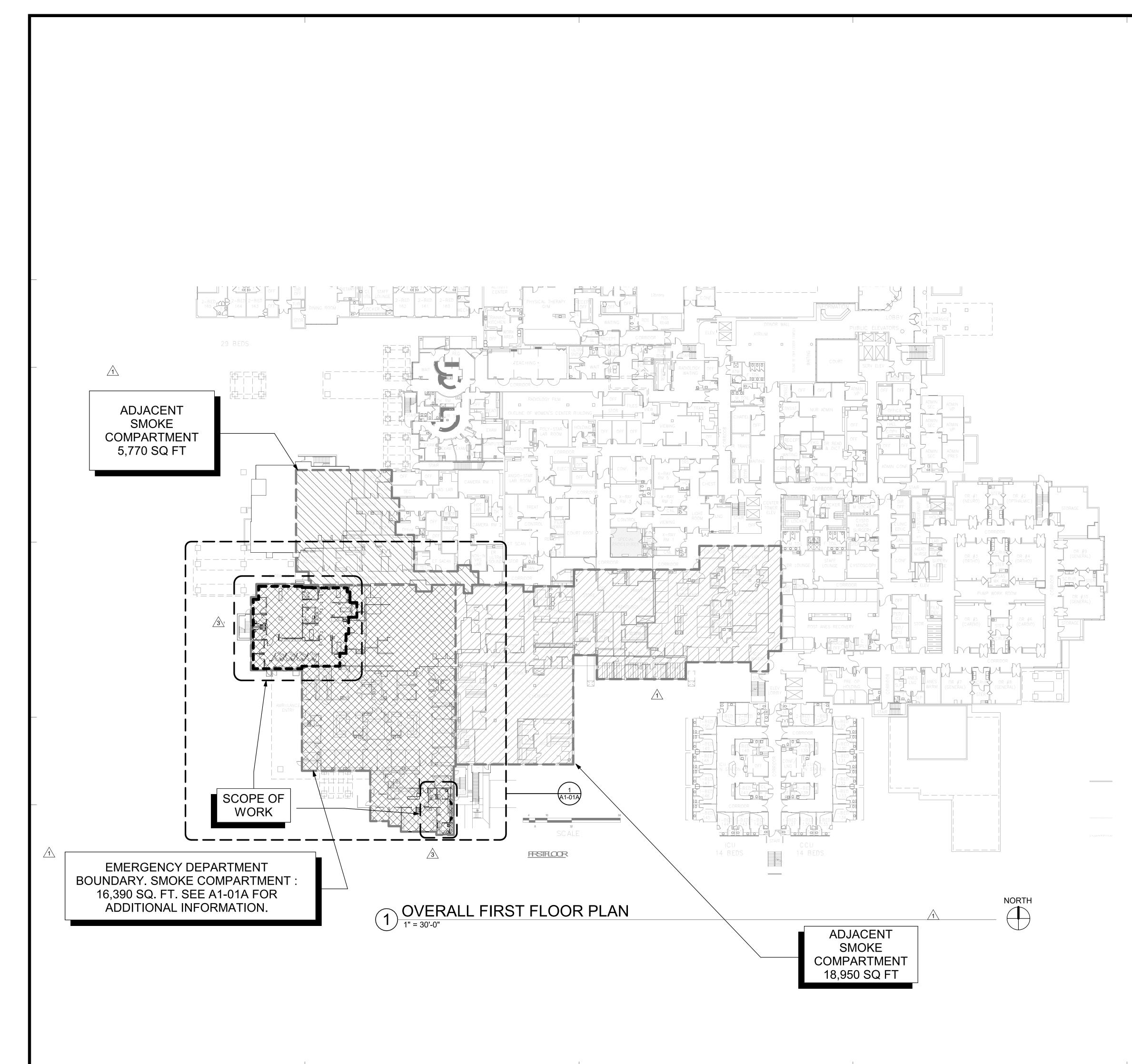
PROJECT #:

01593.00

CHECKED BY Checker SCALE:

DATE: 08/03/16

DRAWN BY Author



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### **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:

$\rightarrow$	ACCESSIBLE PATH OF TRAVEL.
>	EGRESS PATH OF TRAVEL.
	ONE-HOUR RATED CORRIDOR.
	AREA OF CONCRETE SLAB.
=====	INDICATES AN EXISTING MEMBRANE OF PARTITION OR PARTITION TO BE REMOVED. REFER TO DEMOLITION PLAN FOR FURTHER REQUIREMENTS.
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	INDICATES AN EXISTING ONE HOUR RATED FIRE BARRIER TO REMAIN, ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
- FB - • • FB -	INDICATES AN EXISTING TWO HOUR RATED FIRE BARRIER TO REMAIN, ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
	INDICATES A NEW SMOKE BARRIER
	INDICATES A NEW SMOKE PARTITION
	INDICATES A NEW ONE HOUR RATED FIRE PARTITION EXTENDING TO THE UNDERSIDE OF THE STRUCTURE ABOVE. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
<b>—</b> FB <b>—</b> • <b>—</b> FB <b>—</b>	INDICATES A NEW ONE HOUR RATED FIRE BARRIER EXTENDING TO THE UNDERSIDE OF THE STRUCTURE ABOVE. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
	THICK LINE INDICATES NEW SURFACE FINISH.
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 $\langle x \rangle$ WALL TYPE REFERENCE REFER TO SHEET A5-01.

#### PARTITION NOTES:

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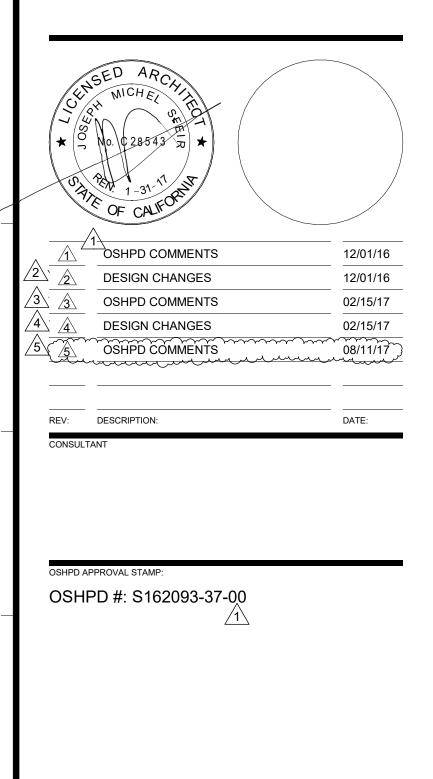
1350 Columbia Street, Suite 603 San Diego, CA 92101

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# TCMC EMERGENCY DEPARTMENT

#### **TRI-CITY MEDICAL** CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056

OWNER:	TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056 TEL(760)724-8411
ARCHITECT:	SFEIR ARCHITECTS 1350 COLUMBIA STREET, SUITE 603 SAN DIEGO, CALIFORNIA 92101 TEL(619)299-3917 FAX(619)299-5084
STRUCTURAL:	SUN STRUCTURAL ENGINEERING, INC. 2091 LAS PALMAS DRIVE, SUITE D CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188
ME&P:	P2S 9665 CHESAPEAKE DRIVE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347 FAX(619)330-0668



OVERALL FIRST FLOOR PLAN

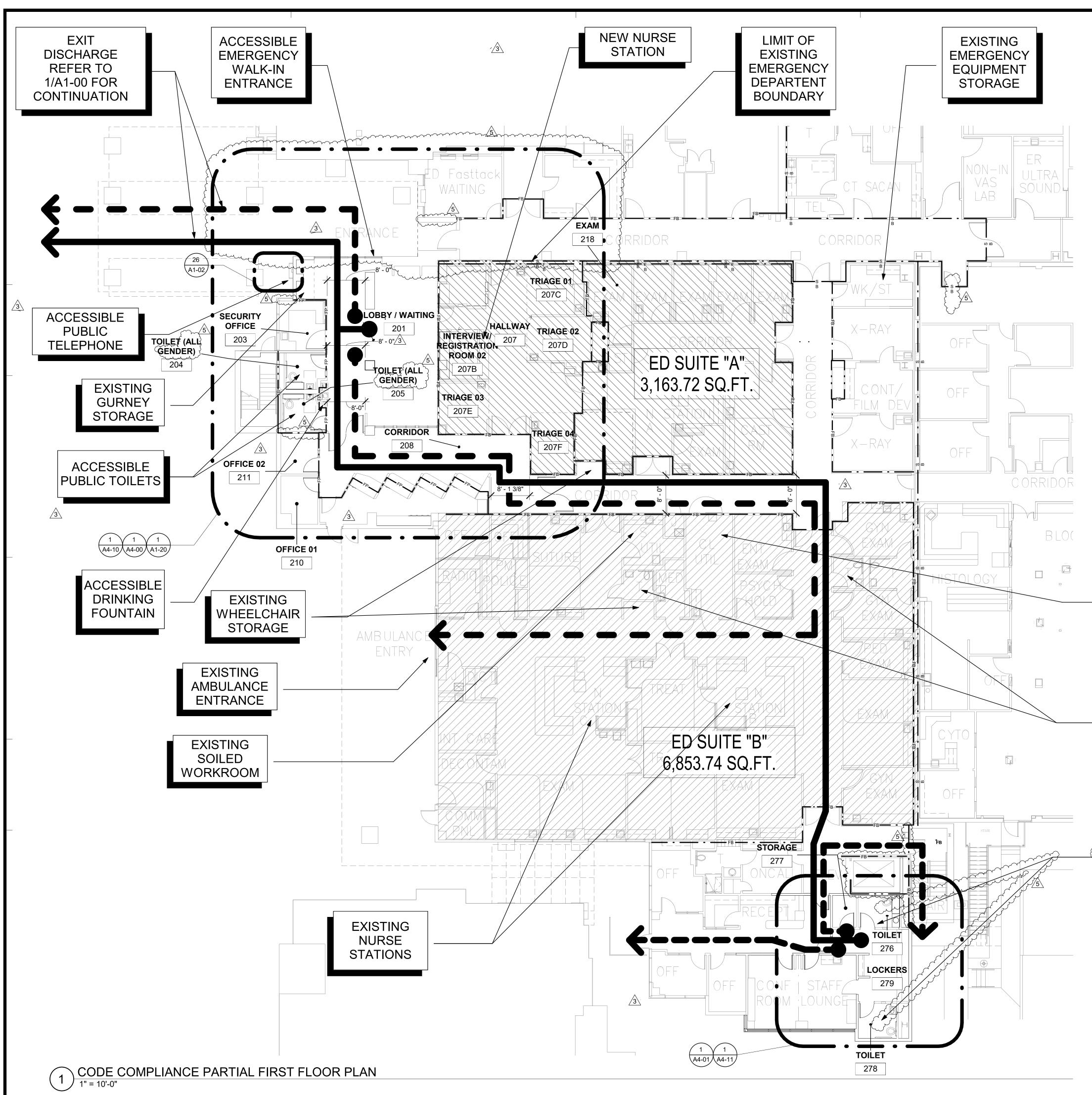
PROJECT TITLE: TCMC EMERGENCY DEPARTMENT

PROJECT #: SHEET NUMBER: 01593.00 A1-01 CHECKED BY Checker As indicated DATE: 08/03/16

#### TO CONSTRUCTION DOCUMENTS

DRAWN BY Author

SCALE:

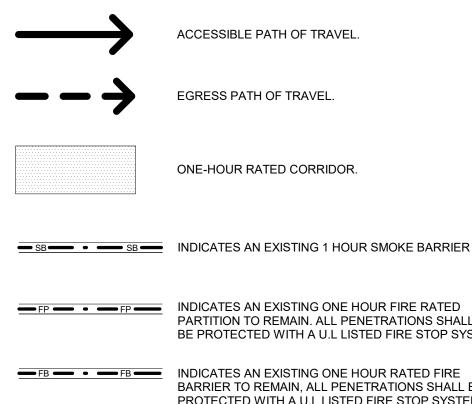




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REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.

## CODE COMPLIANCE **PARTITION LEGEND:**



PARTITION TO REMAIN. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.

FB - FB - FB - INDICATES AN EXISTING ONE HOUR RATED FIRE BARRIER TO REMAIN, ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM. — FB — • • — FB — INDICATES AN EXISTING TWO HOUR RATED FIRE BARRIER TO REMAIN, ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.

## SUITE LEGEND:



SUITE "A" 1947.77 SQ FT

6853.74 SQ FT

SUITE "B"

EXISTING **CLEAN UTILITY** WORKROOM

EXISTING PATIENTS' TOILET ROOMS

ACCESSIBLE ALL-GENDER STAFF TOILETS

3



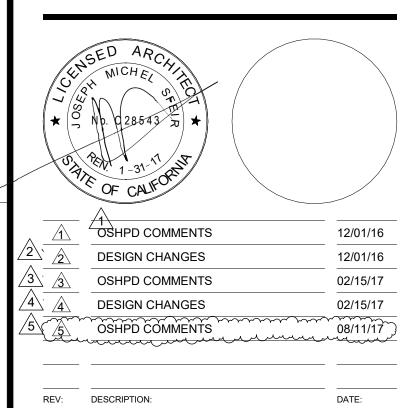
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# TCMC EMERGENCY DEPARTMENT

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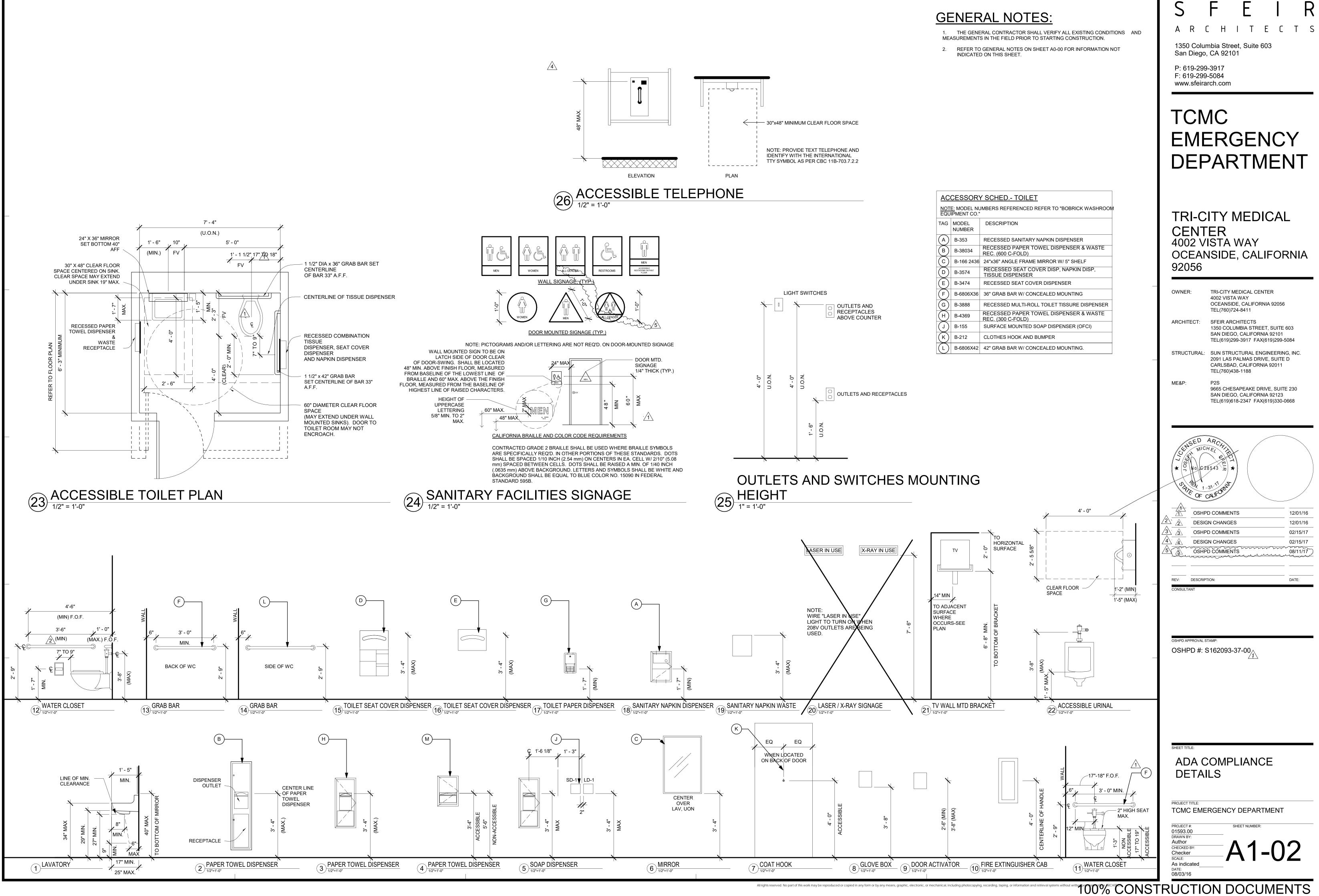
OSHPD APPROVAL STAMP OSHPD #: S162093-37-00

CODE COMPLIANCE FIRST FLOOR PLAN

PROJECT TITLE: TCMC EMERGENCY DEPARTMENT

PROJECT #: SHEET NUMBER 01593.00 DRAWN BY Author CHECKED BY Checker SCALE: As indicated DATE: 08/03/16

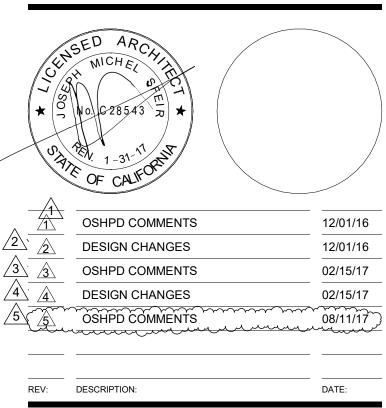


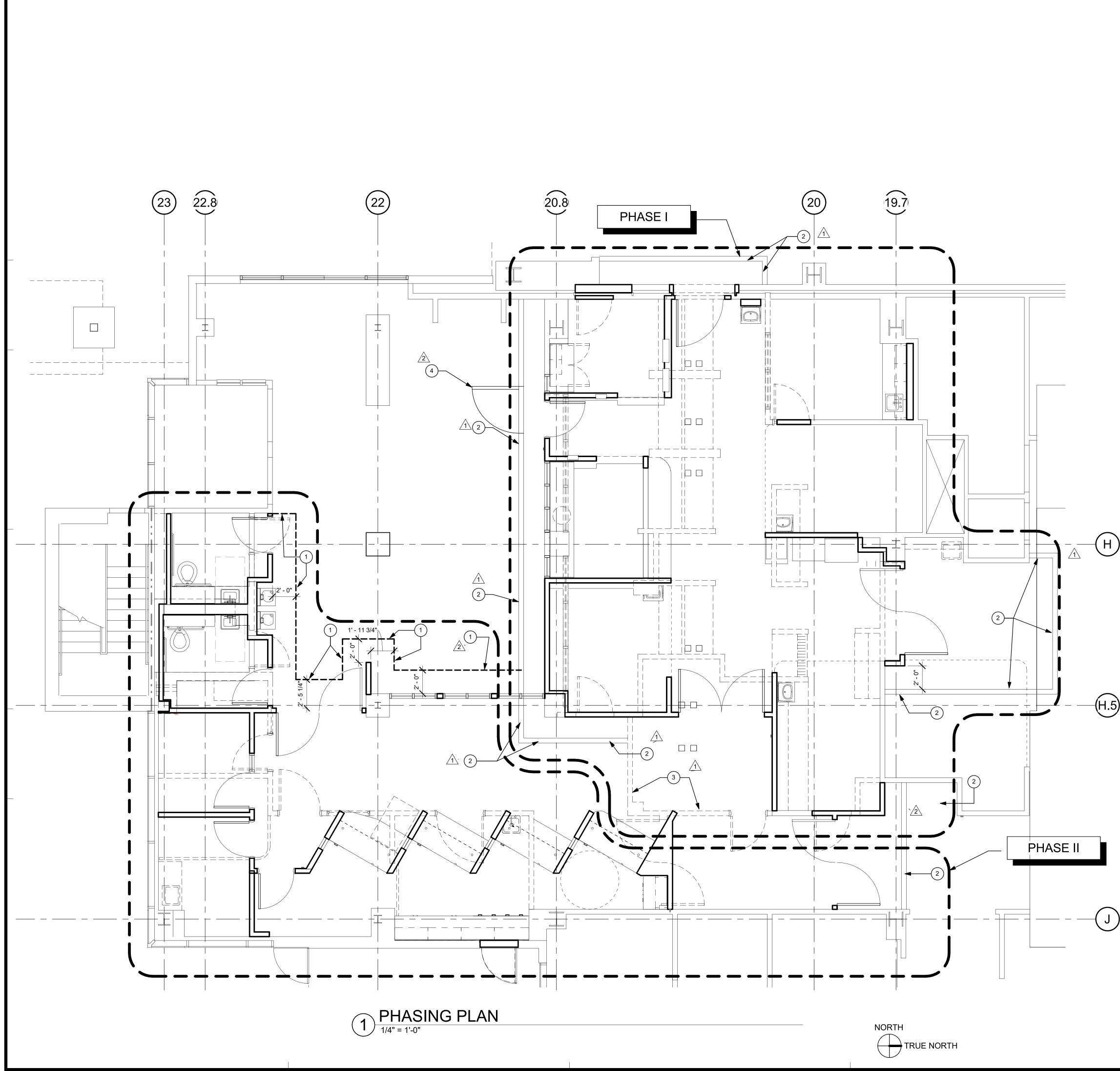


ACCESSORY SCHED TOILET			<u>Y SCHED TOILET</u>		
		TE: MODEL NUMBERS REFERENCED REFER TO "BOBRICK WASHROOM JIPMENT CO."			
	TAG	MODEL NUMBER	DESCRIPTION		
	(A)	B-353	RECESSED SANITARY NAPKIN DISPENSER		
	В	B-38034	RECESSED PAPER TOWEL DISPENSER & WASTE REC. (600 C-FOLD)		
	(C)	B-166 2436	24"x36" ANGLE FRAME MIRROR W/ 5" SHELF		
		B-3574	RECESSED SEAT COVER DISP, NAPKIN DISP, TISSUE DISPENSER		
	E	B-3474	RECESSED SEAT COVER DISPENSER		
	F	B-6806X36	36" GRAB BAR W/ CONCEALED MOUNTING		
	$\bigcirc$	B-3888	RECESSED MULTI-ROLL TOILET TISSURE DISPENSER		
	H	B-4369	RECESSED PAPER TOWEL DISPENSER & WASTE REC. (300 C-FOLD)		
	$(\mathbf{J})$	B-155	SURFACE MOUNTED SOAP DISPENSER (OFCI)		
K B-212 CLOTHES HOOK AND BUMPER		B-212	CLOTHES HOOK AND BUMPER		
	(L)	B-6806X42	42" GRAB BAR W/ CONCEALED MOUNTING.		



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

### PARTITION LEGEND:

EGRESS PATH OF TRAVEL.         Image: Series of the serie	$\rightarrow$	ACCESSIBLE PATH OF TRAVEL.
AREA OF CONCRETE SLAB.  AREA OF CONCRETE ANEW SURFACE FINISH.  AREA OF CONCRETE SLAB.  AREA OF CONCRET	>	EGRESS PATH OF TRAVEL.
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 1 HOUR SMOKE BARRIER         INDICATES AN EXISTING SMOKE PARTITION         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 ONE HOUR RATED FIRE BARRIER TO REMAIN. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.         INDICATES AN EXISTING TWO HOUR RATED FIRE BARRIER TO REMAIN. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.         INDICATES AN EXISTING TWO HOUR RATED FIRE BARRIER TO REMAIN. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.         INDICATES A NEW SMOKE BARRIER         INDICATES A NEW SMOKE BARRIER         INDICATES A NEW SMOKE PARTITION         EFF       INDICATES A NEW SMOKE PARTITI		ONE-HOUR RATED CORRIDOR.
PARTITION TO BE REMOVED. REFER TO DEMOLITION PLAN FOR FURTHER REQUIREMENTS.         INDICATES AN EXISTING PARTITION TO REMAIN. REFER TO PLAN FOR UPGRADE REQUIREMENTS.         SB       SE         INDICATES AN EXISTING 1 HOUR SMOKE BARRIER         INDICATES AN EXISTING SMOKE PARTITION         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 ONE HOUR RATED FIRE BARRIER TO REMAIN, ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.         INDICATES AN EXISTING ONE HOUR RATED FIRE BARRIER TO REMAIN, ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.         INDICATES AN EXISTING TWO HOUR RATED FIRE BARRIER TO REMAIN, ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.         INDICATES A NEW SMOKE PARTITION         SB       SB         INDICATES A NEW SMOKE PARTITION         SB       SB         INDICATES A NEW SMOKE PARTITION         EFF       INDICATES A NEW SMOKE PARTITION         SB       SB         INDICATES A NEW SMOKE PARTITION         SB       SB         INDICATES A NEW SMOKE PARTITION         EFF       INDICATES A NEW SMOKE PARTITION         SB       SB         INDICATES A NEW SMOKE PARTITION         EFF       INDICATES A NEW SMOKE PARTITION <tr< td=""><th></th><td>AREA OF CONCRETE SLAB.</td></tr<>		AREA OF CONCRETE SLAB.
TO PLAN FOR UPGRADE REQUIREMENTS.         SB       INDICATES AN EXISTING 1 HOUR SMOKE BARRIER         SP       SP         INDICATES AN EXISTING SMOKE PARTITION         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 ONE HOUR RATED FIRE BARRIER TO REMAIN, ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.         INDICATES AN EXISTING TWO HOUR RATED FIRE BARRIER TO REMAIN, ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.         FB       INDICATES AN EXISTING TWO HOUR RATED FIRE BARRIER TO REMAIN, ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.         SB       SB         SB       INDICATES A NEW SMOKE BARRIER         SB       SB         INDICATES A NEW SMOKE PARTITION         SB       SB         SB       INDICATES A NEW SMOKE PARTITION         SB       SB         INDICATES A NEW ONE HOUR RATED FIRE PARTITION EXTENDING TO THE UNDERSIDE OF THE STRUCTURE ABOVE. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.         FB       INDICATES A NEW ONE HOUR RATED FIRE BARRIER EXTENDING TO THE UNDERSIDE OF THE STRUCTURE ABOVE. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.         FB       INDICATES A NEW ONE HOUR RATED FIRE BARRIER EXTENDING TO THE UNDERSIDE OF THE STRUCTURE ABOVE. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LIS	=====	PARTITION TO BE REMOVED. REFER TO DEMOLITION
SP       SP         SP       SP         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 ONE HOUR RATED FIRE BARRIER TO REMAIN, ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.         INDICATES AN EXISTING TWO HOUR RATED FIRE BARRIER TO REMAIN, ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.         INDICATES AN EXISTING TWO HOUR RATED FIRE BARRIER TO REMAIN, ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.         SB       SB         INDICATES A NEW SMOKE BARRIER         INDICATES A NEW SMOKE BARRIER         INDICATES A NEW SMOKE PARTITION         EFF       INDICATES A NEW ONE HOUR RATED FIRE 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 ONE HOUR RATED FIRE BARRIER EXTENDING TO THE UNDERSIDE OF THE STRUCTURE ABOVE. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.         INDICATES A NEW ONE HOUR RATED FIRE BARRIER 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. LOCATES NEW SURFACE FINISH.         INDICATES AN EXISTING STRUCTURAL ENGINEER PRIOR TO		
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TO REMAIN. LOCATE REINFORCING STEEL AND OBTAIN APPROVAL FROM STRUCTURAL ENGINEER PRIOR TO		THICK LINE INDICATES NEW SURFACE FINISH.
		TO REMAIN. LOCATE REINFORCING STEEL AND OBTAIN APPROVAL FROM STRUCTURAL ENGINEER PRIOR TO

-X WALL TYPE REFERENCE REFER TO SHEET A5-01.

#### 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 WALL'S 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.

### PHASING NOTES:

<u>PHASE I</u>:

- 1. ERECT INFECTION CONTROL PARTITION.
- 2. REMOVE EXISTING REGISTRATION.
- 3. CONSTRUCT NEW EXAM AND TRIAGE ROOMS.

4. CONSTRUCT NEW STAFF TOILET ROOMS.

#### PHASE II:

<u>/3</u>

1. ERECT INFECTION CONTROL PARTITION.

2. REMOVE EXISTING TRIAGE.

3. CONSTRUCT NEW REGISTRATION AREA & PUBLIC TOILET ROOMS.  $\frac{\sqrt{3}}{3}$ 

/1	$\backslash$



- 1 VISQUEEN SHEETING WITH ZIPPER.
- 2 TEMPORARY 1 HOUR RATED GYPSUM WALL BOARD PARTITION FROM FLOOR TO UNDERSIDE OF PARTITION ABOVE.

∕1∖

(3) EXISTING 1 HOUR RATED PARTITION TO REMAIN IN PHASE 1

4 1 HOUR RATED TEMPORARY DOOR.



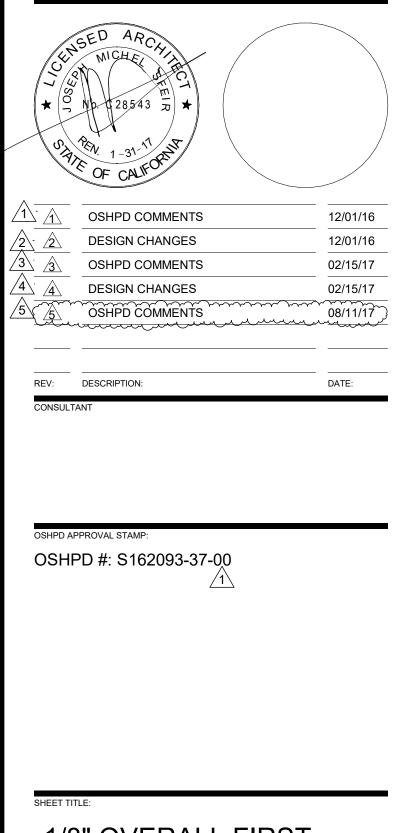
1350 Columbia Street, Suite 603 San Diego, CA 92101

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# TCMC EMERGENCY DEPARTMENT

#### TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056

OWNER:	TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056 TEL(760)724-8411
ARCHITECT:	SFEIR ARCHITECTS 1350 COLUMBIA STREET, SUITE 603 SAN DIEGO, CALIFORNIA 92101 TEL(619)299-3917 FAX(619)299-5084
STRUCTURAL:	SUN STRUCTURAL ENGINEERING, INC. 2091 LAS PALMAS DRIVE, SUITE D CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188
ME&P:	P2S 9665 CHESAPEAKE DRIVE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347 FAX(619)330-0668



#### 1/8" OVERALL FIRST FLOOR PLAN - PHASING

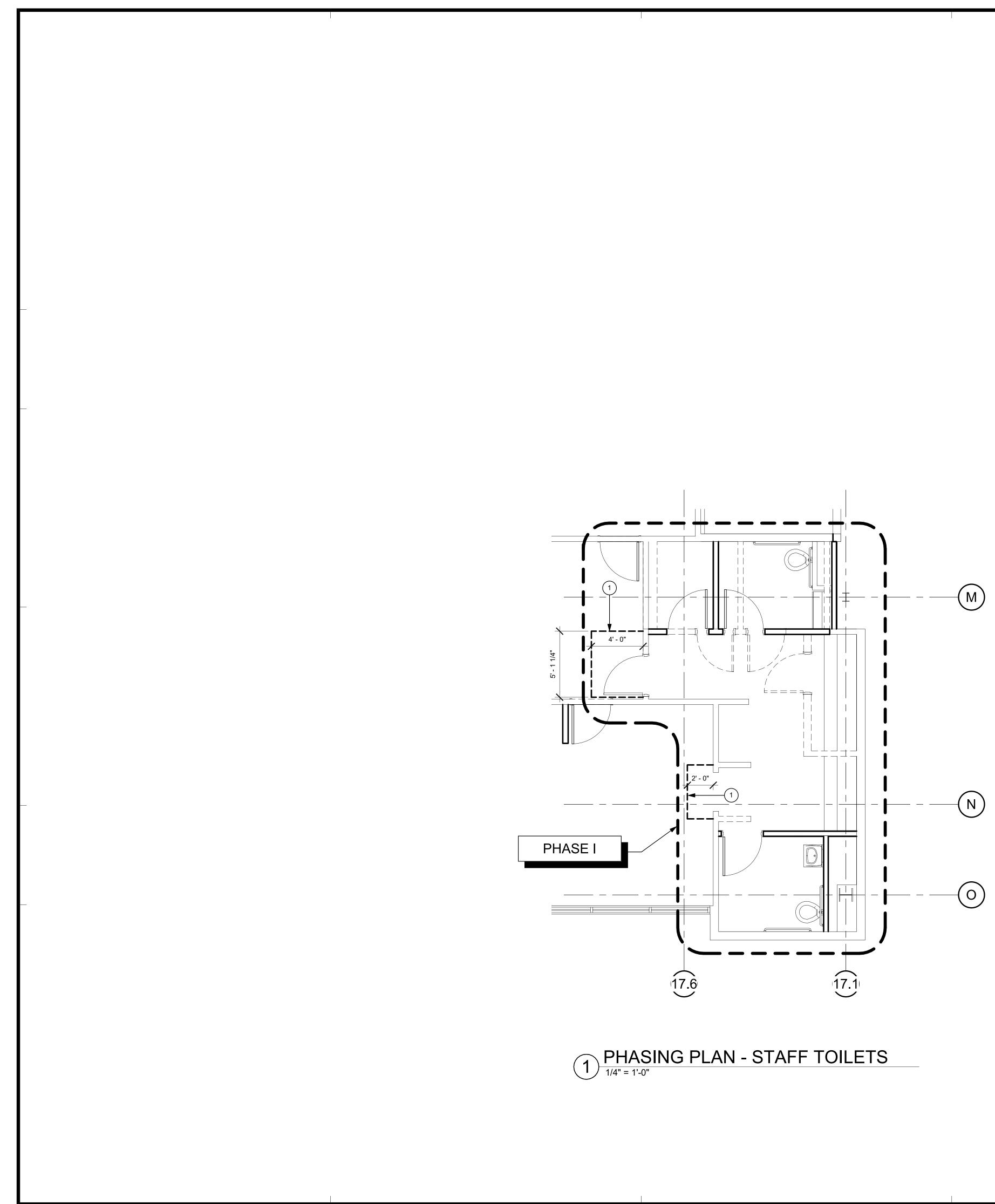
PROJECT TITLE: TCMC EMERGENCY DEPARTMENT

PROJECT #: 01593.00 DRAWN BY: Author CHECKED BY: Checker SCALE: As indicated DATE: 08/03/16

TO CONSTRUCTION DOCUMENTS

A1-20

SHEET NUMBER:



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 CORRIDOR. AREA OF CONCRETE SLAB. ------ 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. SB SB SB SB SB INDICATES AN EXISTING 1 HOUR SMOKE BARRIER SP - SP - SP - INDICATES AN EXISTING SMOKE PARTITION 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 ONE HOUR RATED FIRE BARRIER TO REMAIN, ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM. FB - FB - FB - FB - INDICATES AN EXISTING TWO HOUR RATED FIRE BARRIER TO REMAIN, ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM. INDICATES A NEW ONE HOUR RATED FIRE PARTITION EXTENDING TO THE UNDERSIDE OF THE STRUCTURE ABOVE. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM. **<u>FB</u> <u>FB</u> <u>FB</u> <u>FB</u> INDICATES A NEW ONE HOUR RATED FIRE BARRIER** EXTENDING TO THE UNDERSIDE OF THE STRUCTURE ABOVE. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM. THICK LINE INDICATES NEW SURFACE FINISH. INDICATES AN EXISTING STRUCTURAL CONCRETE WALL TO REMAIN. LOCATE REINFORCING STEEL AND OBTAIN APPROVAL FROM STRUCTURAL ENGINEER PRIOR TO CORING AND/ OR CUTTING.

-x WALL TYPE REFERENCE REFER TO SHEET A5-01.

#### 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 WALL'S 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.

### PHASING NOTES:

#### <u>PHASE I</u>:

- 1. ERECT INFECTION CONTROL PARTITION.
- 2. REMOVE EXISTING REGISTRATION.
- 3. CONSTRUCT NEW EXAM AND TRIAGE ROOMS.
- 4. CONSTRUCT NEW STAFF TOILET ROOMS.

#### PHASE II:

- 1. ERECT INFECTION CONTROL PARTITION.
- 2. REMOVE EXISTING TRIAGE.
- 3. CONSTRUCT NEW REGISTRATION AREA & PUBLIC TOILET ROOMS.

#### PHASING PLAN KEYNOTES:

- (1) VISQUEEN SHEETING WITH ZIPPER.
- 2 TEMPORARY 1 HOUR RATED GYPSUM WALL BOARD PARTITION FROM FLOOR TO UNDERSIDE OF PARTITION ABOVE.
- (3)EXISTING 1 HOUR RATED PARTITION TO REMAIN IN PHASE 1
- (4) 1 HOUR RATED TEMPORARY DOOR.



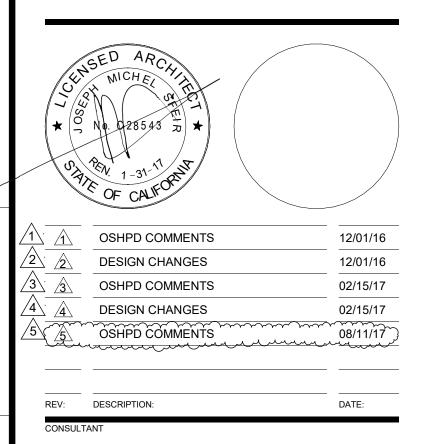
1350 Columbia Street, Suite 603 San Diego, CA 92101

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# TCMC EMERGENCY DEPARTMENT

### **TRI-CITY MEDICAL** CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056

OWNER:	TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056 TEL(760)724-8411
ARCHITECT:	SFEIR ARCHITECTS 1350 COLUMBIA STREET, SUITE 603 SAN DIEGO, CALIFORNIA 92101 TEL(619)299-3917 FAX(619)299-5084
STRUCTURAL:	SUN STRUCTURAL ENGINEERING, INC. 2091 LAS PALMAS DRIVE, SUITE D CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188
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OSHPD APPROVAL STAMP: OSHPD #: S162093-37-00

1/8" PARTIAL FIRST **FLOOR PLAN - PHASING** 

SHEET NUMBER

PROJECT TITLE: TCMC EMERGENCY DEPARTMENT

PROJECT #: 01593.00 DRAWN BY Author CHECKED BY Checker SCALE: As indicated DATE: 08/03/16

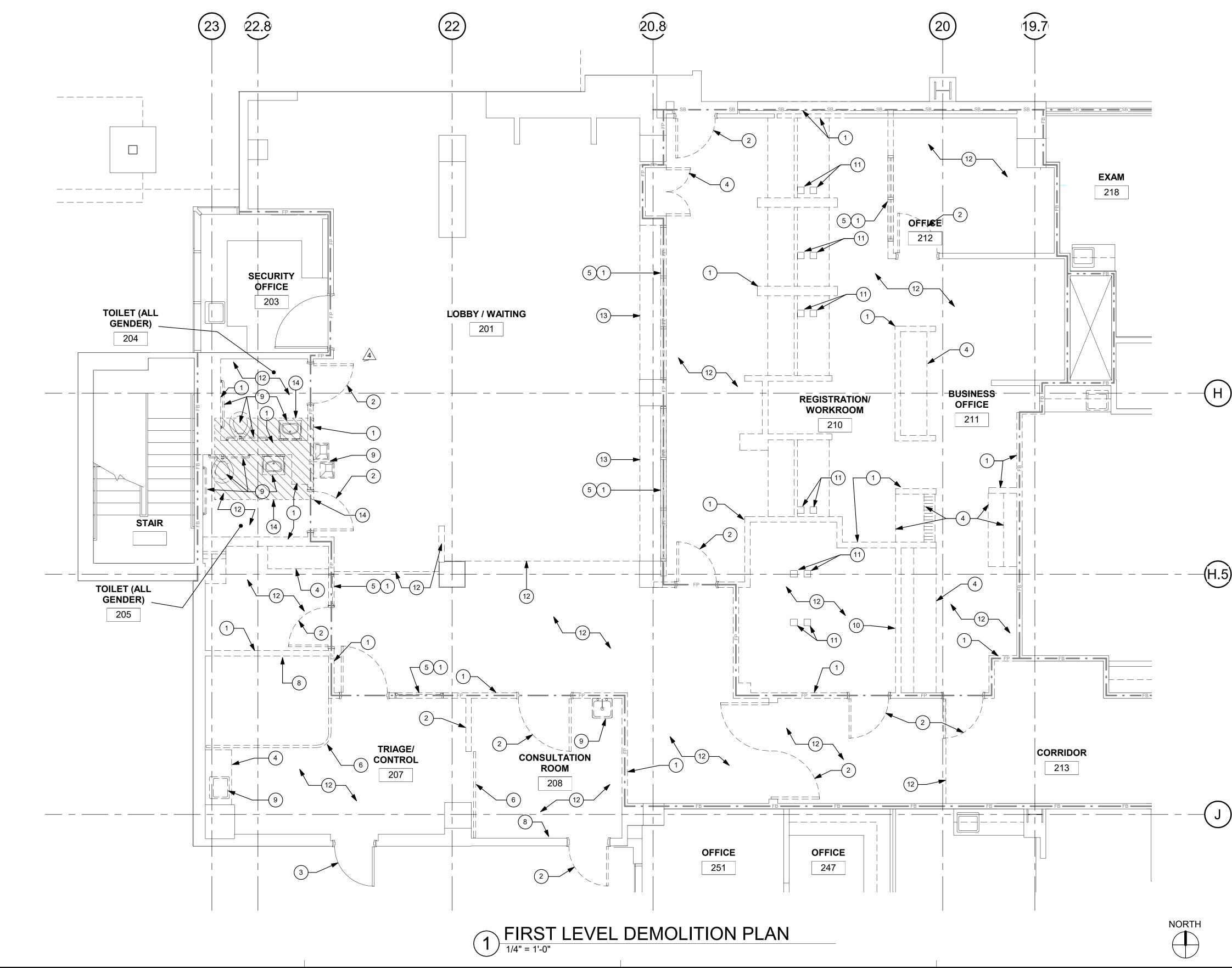
SHEET TITLE

A

### **DEMOLITION KEYNOTES:**

- REMOVE EXISTING PARTITION IN ITS ENTIRETY.
- REMOVE EXISTING DOOR AND DOOR FRAME.
- EXISTING DOOR AND DOOR FRAME TO REMAIN.
- REMOVE EXISTING MILLWORK. (4)
- REMOVE EXISTING WINDOW AND WINDOW FRAME.
- REMOVE EXISTING CUBICLE CURTAIN AND TRACK. (6)
- REMOVE EXISTING EQUIPMENT.
- REMOVE EXISTING MED. GASES. PATCH EXISTING WALL. (8)
- (9) REMOVE EXISTING PLUMBING FIXTURES AND ACCESSORIES.

- (10)REMOVE GWB FROM EXISTING WALL.
- REMOVE EXISTING FLOOR OUTLET AND FILL WITH CONCRETE. SEE ELECTRICAL AND STRUCTURAL DRAWINGS. (11)
- (12) REMOVE EXISTING FLOOR FINISHES AND BASE.
- (13) REMOVE EXISTING KNEE WALL.
- (14)SAWCUT EXISTING CONCRETE FLOOR SLAB TO EXTEND PLUMBING LINES TO NEW PLUMBING FIXTURES.
- (15)REMOVE EXISTING LOCKERS.
- (16) REMOVE EXISTING LOCKER BENCHES.
- (17)REMOVE EXISTING SHOWER STALL FIXTURES ACCESSORIES AND FINISHES. CHIP OUT EXISTING MORTAR BED AND PREP SURFACE OF EXISTING CONCRETE SLAB FOR NEW CONCRETE TOPPING.



- (18) REMOVE EXISTING FLOOR FINISH AND BASE.
- (19) REMOVE EXISTING FLOOR OUTLET AND FILL WITH CONCRETE. SEE ELECTRICAL AND STRUCTURAL DRAWINGS.
- (20)REMOVE EXISTING VERTICAL DRAIN PIPE, CAP OFF AT HORIZONTAL LINE AND INFILL CONCRETE SLAB PENETRATION TO MATCH EXISTING. SEE PLUMBING DRAWINGS.
- (21) CUT PENETRATION IN EXISTING CONCRETE SLAB FOR NEW DRAIN LINES. SEE PLUMBING DRAWINGS.

#### **DEMOLITION GENERAL** NOTES (CONTINUED):

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

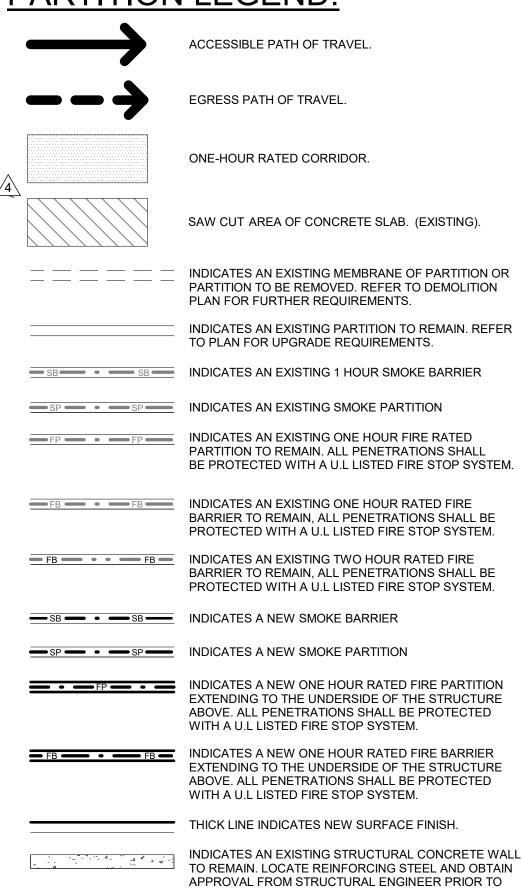
19. GENERAL CONTRACTOR TO PROVIDE NEGATIVE PRESSURE IN EACH PHASE AND FILTER THE AIR WITH HEPA FILTRATION AND EXHAUST FILTER AIR THROUGH EXTERIOR WINDOWS. G.C. TO SECURE AN INFECTION CONTROL PERMIT TRI-CITY MEDICAL CENTER PRIOR TO STARTING CONSTRUCTION. FROM

## **GENERAL NOTES:**

THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.

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

### PARTITION LEGEND:



WALL TYPE REFERENCE REFER TO SHEET A5-01.

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.

CORING AND/ OR CUTTING.

2. EXISTING WALL'S 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.

## **DEMOLITION GENERAL NOTES:**

- THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING DEMOLITION.
- THE GENERAL CONTRACTOR SHALL COORDINATE ALL PHASING, ACCESS, DEBRIS REMOVAL, STAGING AREAS AND HOURS OF CONSTRUCTION WITH OWNER PRIOR TO START OF DEMOLITION.
- 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.
- THE GENERAL CONTRACTOR SHALL SEPARATE DISSIMILAR METALS WITH BUILDING PAPER OR PLASTIC SHIM.
- 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.
- REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT 6. INDICATED ON THIS SHEET.
- CONTRACTOR STAGING TO BE IN THE ROOMS UNDER REMODEL
- CONTRACTOR PARKING TO BE IN CONTRACTOR DESIGNATED PARKING AREA. 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.
- 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.
- REFER TO RELATED PLANS FOR PORTIONS OF EXISTING CONSTRUCTION 13. SCHEDULED TO REMAIN.
- 14. PATCH NEW WORK TO MATCH AND ALIGN WITH THE EXISTING. COMPLETELY REMOVE EXISTING FINISHES WHERE NEW FINISHES ARE SCHEDULED.
- CONTRACTOR SHALL PRESERVE AND PROTECT THE EXISTING AREA, 15. EQUIPMENT, CABINETRY ETC. ADJACENT TO THE AREA OF WORK

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REFER TO NEW PLAN AND INTERIOR ELEVATIONS FOR LOCATION OF NEW 16. WALL CONNECTIONS, OPENINGS, RECESSED ITEMS, BACKING PLATES, ETC. AT EXISTING WALLS. REMOVE GYPSUM BOARD WHERE NEEDED TO ACCOMODATE FOR THE ABOVE WORKION.



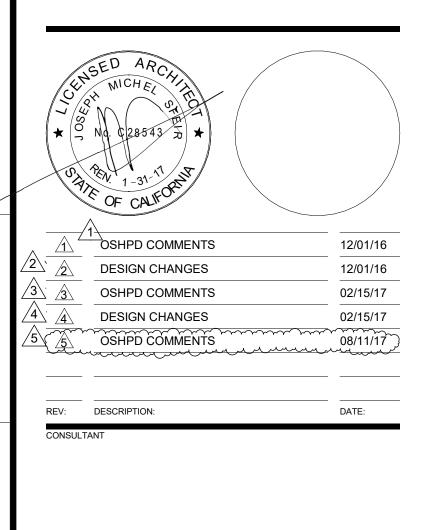
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# TCMC EMERGENCY DEPARTMENT

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SHPD APPROVAL STAMP OSHPD #: S162093-37-00

1/4" PARTIAL DEMO FIRST

PROJECT TITLI TCMC EMERGENCY DEPARTMENT

PROJECT #: 01593.00 DRAWN BY Author CHECKED BY Checker SCALE As indicated

08/03/16

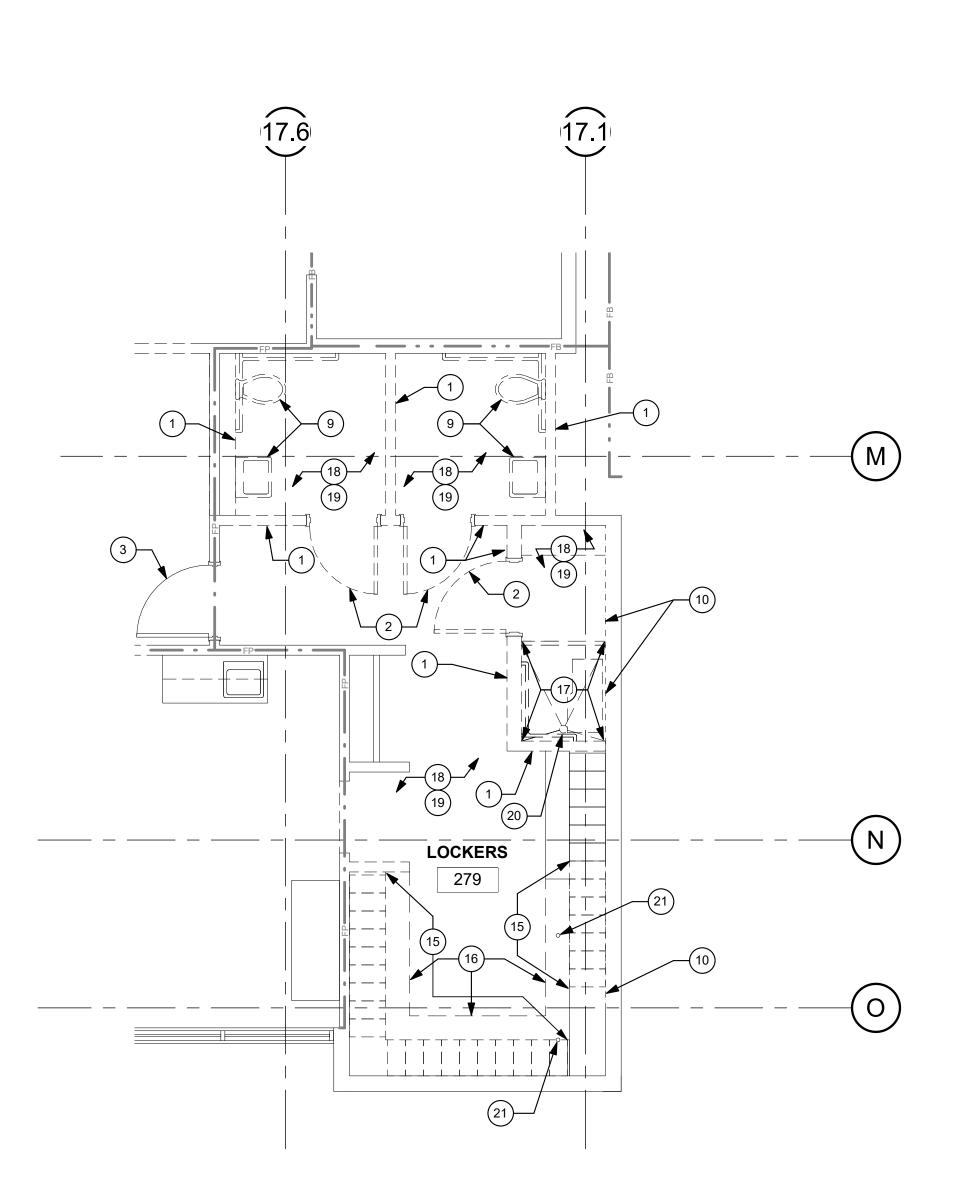


SHEET NUMBER

#### **DEMOLITION KEYNOTES:**

- (1)REMOVE EXISTING PARTITION IN ITS ENTIRETY.
- (2)REMOVE EXISTING DOOR AND DOOR FRAME.
- (3)EXISTING DOOR AND DOOR FRAME TO REMAIN.
- REMOVE EXISTING MILLWORK. (4)
- (5)REMOVE EXISTING WINDOW AND WINDOW FRAME.
- (6)REMOVE EXISTING CUBICLE CURTAIN AND TRACK.
- 7 REMOVE EXISTING EQUIPMENT.
- (8)REMOVE EXISTING MED. GASES. PATCH EXISTING WALL.
- (9)REMOVE EXISTING PLUMBING FIXTURES AND ACCESSORIES.

- (10) REMOVE GWB FROM EXISTING WALL.
- (11) REMOVE EXISTING FLOOR OUTLET AND FILL WI SEE ELECTRICAL AND STRUCTURAL DRAWINGS
- (12) REMOVE EXISTING FLOOR FINISHES AND BASE.
- (13) REMOVE EXISTING KNEE WALL.
- (14) SAWCUT EXISTING CONCRETE FLOOR SLAB TO PLUMBING LINES TO NEW PLUMBING FIXTURES.
- (15) REMOVE EXISTING LOCKERS.
- (16) REMOVE EXISTING LOCKER BENCHES.
- (17) REMOVE EXISTING SHOWER STALL FIXTURES, ACCESSORIES AND FINISHES. CHIP OUT EXISTING MORTAR BED AND PREP SURFACE OF EXISTING CONCRETE SLAB FOR NEW CONCRETE TOPPING.



# 1 FIRST LEVEL DEMO PLAN - LOCKER ROOM

	(18)	REMOVE EXISTING FLOOR FINISH AND BASE.		<u>EMOLITION GENERAL</u> DTES (CONTINUED):
VITH CONCRETE. SS.	(19)	REMOVE EXISTING FLOOR OUTLET AND FILL WITH CONCRETE. SEE ELECTRICAL AND STRUCTURAL DRAWINGS.	17. OPEN IS ON ARCH	
O EXTEND	20	REMOVE EXISTING VERTICAL DRAIN PIPE, CAP OFF AT HORIZONTAL LINE AND INFILL CONCRETE SLAB PENETRATION TO MATCH EXISTING. SEE PLUMBING DRAWINGS.	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.
S.	(21)	CUT PENETRATION IN EXISTING CONCRETE SLAB FOR NEW DRAIN LINES. SEE PLUMBING DRAWINGS.	19. AND	GENERAL CONTRACTOR TO PROVIDE NEGATIVE PRESSURE IN EACH PHASE FILTER THE AIR WITH HEPA FILTRATION AND EXHAUST FILTER AIR THROUGH EXTERIOR WINDOWS. G.C. TO SECURE AN INFECTION CONTROL PERMIT

#### E NEGATIVE PRESSURE IN EACH PHASE ION AND EXHAUST FILTER AIR THROUGH EXTERIOR WINDOWS. G.C. TO SECURE AN INFECTION CONTROL PERMIT FROM TRI-CITY MEDICAL CENTER PRIOR TO STARTING CONSTRUCTION.

NORTH

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### **GENERAL NOTES:**

1. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.

- 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 CORRIDOR. SAW CUT AREA OF CONCRETE SLAB. (EXISTING). 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. - SB - SB - INDICATES AN EXISTING 1 HOUR SMOKE BARRIER INDICATES AN EXISTING ONE HOUR FIRE RATED PARTITION TO REMAIN. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM. BARRIER TO REMAIN, ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM. **—** FB **—** • • **—** FB **—** INDICATES AN EXISTING TWO HOUR RATED FIRE BARRIER TO REMAIN, ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM. INDICATES A NEW ONE HOUR RATED FIRE PARTITION EXTENDING TO THE UNDERSIDE OF THE STRUCTURE ABOVE. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM. EXTENDING TO THE UNDERSIDE OF THE STRUCTURE ABOVE. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM. THICK LINE INDICATES NEW SURFACE FINISH. INDICATES AN EXISTING STRUCTURAL CONCRETE WALL · 4 \* · · 4 · · TO REMAIN. LOCATE REINFORCING STEEL AND OBTAIN APPROVAL FROM STRUCTURAL ENGINEER PRIOR TO CORING AND/ OR CUTTING.

WALL TYPE REFERENCE REFER TO SHEET A5-01.  $\prec$  x >

#### 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 WALL'S 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.

### **DEMOLITION GENERAL NOTES:**

- 1. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING DEMOLITION.
- THE GENERAL CONTRACTOR SHALL COORDINATE ALL PHASING, ACCESS, DEBRIS REMOVAL, STAGING AREAS AND HOURS OF CONSTRUCTION WITH OWNER PRIOR TO START OF DEMOLITION.
- THE GENERAL CONTRACTOR SHALL COORDINATE WITH STRUCTURAL, MEP, 3 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.
- THE GENERAL CONTRACTOR SHALL X-RAY AND/OR ULTRASOUND THE EXISTING 5 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.
- REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT 6. INDICATED ON THIS SHEET.
- CONTRACTOR STAGING TO BE IN THE ROOMS UNDER REMODEL. 7.
- 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 WORKION.



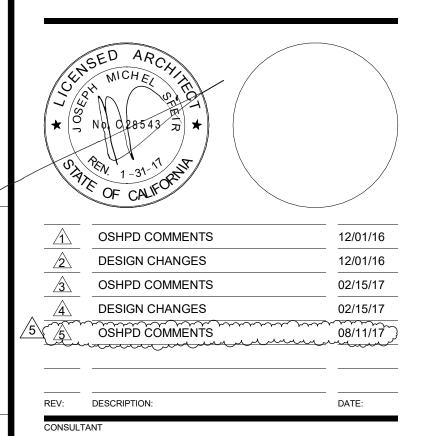
1350 Columbia Street, Suite 603 San Diego, CA 92101

P: 619-299-3917 F: 619-299-5084 www.sfeirarch.com

# TCMC EMERGENCY DEPARTMENT

#### **TRI-CITY MEDICAL** CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056

OWNER:	TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056 TEL(760)724-8411
ARCHITECT:	SFEIR ARCHITECTS 1350 COLUMBIA STREET, SUITE 603 SAN DIEGO, CALIFORNIA 92101 TEL(619)299-3917 FAX(619)299-5084
STRUCTURAL:	SUN STRUCTURAL ENGINEERING, INC. 2091 LAS PALMAS DRIVE, SUITE D CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188
ME&P:	P2S 9665 CHESAPEAKE DRIVE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347 FAX(619)330-0668



SHPD APPROVAL STAMP: OSHPD #: S162093-37-00

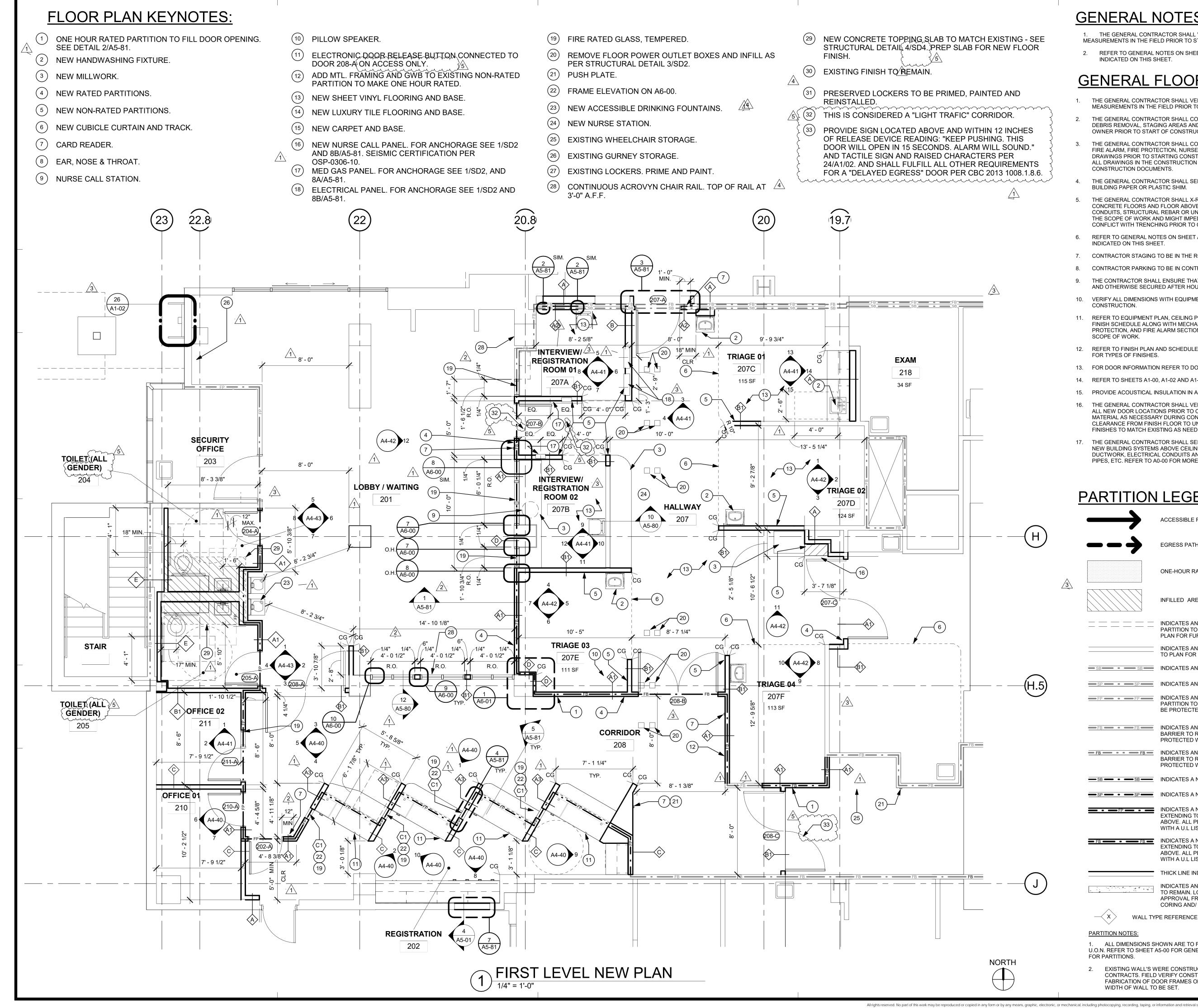
1/4" PARTIAL DEMO FIRST

PROJECT TITLE: TCMC EMERGENCY DEPARTMENT

SHEET NUMBE

PROJECT #: 01593.00 DRAWN BY Author CHECKED BY Checker SCALE: As indicated

08/03/16



THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.

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

## **GENERAL FLOOR PLAN NOTES:**

- THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
- THE GENERAL CONTRACTOR SHALL COORDINATE ALL PHASING, ACCESS, DEBRIS REMOVAL, STAGING AREAS AND HOURS OF CONSTRUCTION WITH OWNER PRIOR TO START OF CONSTRUCTION.
- 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.
- THE GENERAL CONTRACTOR SHALL SEPARATE DISSIMILAR METALS WITH BUILDING PAPER OR PLASTIC SHIM.
- 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.
- REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.
- CONTRACTOR STAGING TO BE IN THE ROOMS UNDER REMODEL
- CONTRACTOR PARKING TO BE IN CONTRACTOR DESIGNATED PARKING AREA.
- 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. FOR DOOR INFORMATION REFER TO DOOR SCHEDULE, SHEET A6-00.
- REFER TO SHEETS A1-00, A1-02 AND A1-04 FOR ACCESSIBILITY REQUIREMENTS.
- 15. PROVIDE ACOUSTICAL INSULATION IN ALL NEW WALL ASSEMBLIES
- 16. 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.
- 17. 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.

# **PARTITION LEGEND:**

$\rightarrow$	ACCESSIBLE PATH OF TRAVEL
>	EGRESS PATH OF TRAVEL.
	ONE-HOUR RATED CORRIDOR
	INFILLED AREA OF CONCRET
	INDICATES AN EXISTING MEMB PARTITION TO BE REMOVED. R PLAN FOR FURTHER REQUIRE
	INDICATES AN EXISTING PARTI TO PLAN FOR UPGRADE REQU
SB SB SB	INDICATES AN EXISTING 1 HOU
SP SP SP	INDICATES AN EXISTING SMOK
FP • FP	INDICATES AN EXISTING ONE F PARTITION TO REMAIN. ALL PE BE PROTECTED WITH A U.L LIS

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IFILLED AREA OF CONCRETE SLAB. (NEW).

IDICATES AN EXISTING MEMBRANE OF PARTITION OR ARTITION TO BE REMOVED. REFER TO DEMOLITION AN FOR FURTHER REQUIREMENTS.

- IDICATES AN EXISTING PARTITION TO REMAIN. REFER O PLAN FOR UPGRADE REQUIREMENTS.
- IDICATES AN EXISTING 1 HOUR SMOKE BARRIER
- IDICATES AN EXISTING SMOKE PARTITION

DICATES AN EXISTING ONE HOUR FIRE RATED ARTITION TO REMAIN. ALL PENETRATIONS SHALL PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.

FB - FB - INDICATES AN EXISTING ONE HOUR RATED FIRE BARRIER TO REMAIN, ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.

- FB - FB - FB - INDICATES AN EXISTING TWO HOUR RATED FIRE BARRIER TO REMAIN, ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.

INDICATES A NEW ONE HOUR RATED FIRE PARTITION • — FP — • — EXTENDING TO THE UNDERSIDE OF THE STRUCTURE ABOVE. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.

INDICATES A NEW ONE HOUR RATED FIRE BARRIER EXTENDING TO THE UNDERSIDE OF THE STRUCTURE ABOVE. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.

THICK LINE INDICATES NEW SURFACE FINISH

INDICATES AN EXISTING STRUCTURAL CONCRETE WAL TO REMAIN. LOCATE REINFORCING STEEL AND OBTAIN APPROVAL FROM STRUCTURAL ENGINEER PRIOR TO CORING AND/ OR CUTTING.

WALL TYPE REFERENCE REFER TO SHEET A5-01.

#### PARTITION NOTES

 $\prec$  X >

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.

EXISTING WALL'S 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.



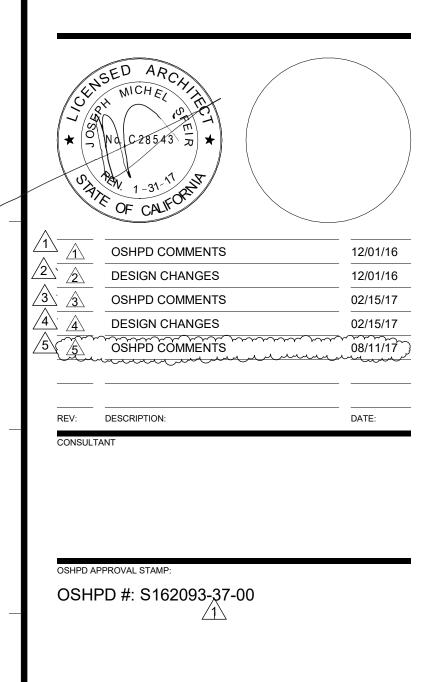
1350 Columbia Street, Suite 603 San Diego, CA 92101

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# TCMC EMERGENCY DEPARTMENT

#### **TRI-CITY MEDICAL** CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056

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 FAX(619)330-0668



1/4" PARTIAL FIRST

PROJECT TITLE TCMC EMERGENCY DEPARTMENT

SHEET NUMBE

PROJECT #: 01593.00 DRAWN BY Author CHECKED BY Checker SCALE: As indicated

DATE: 08/03/16

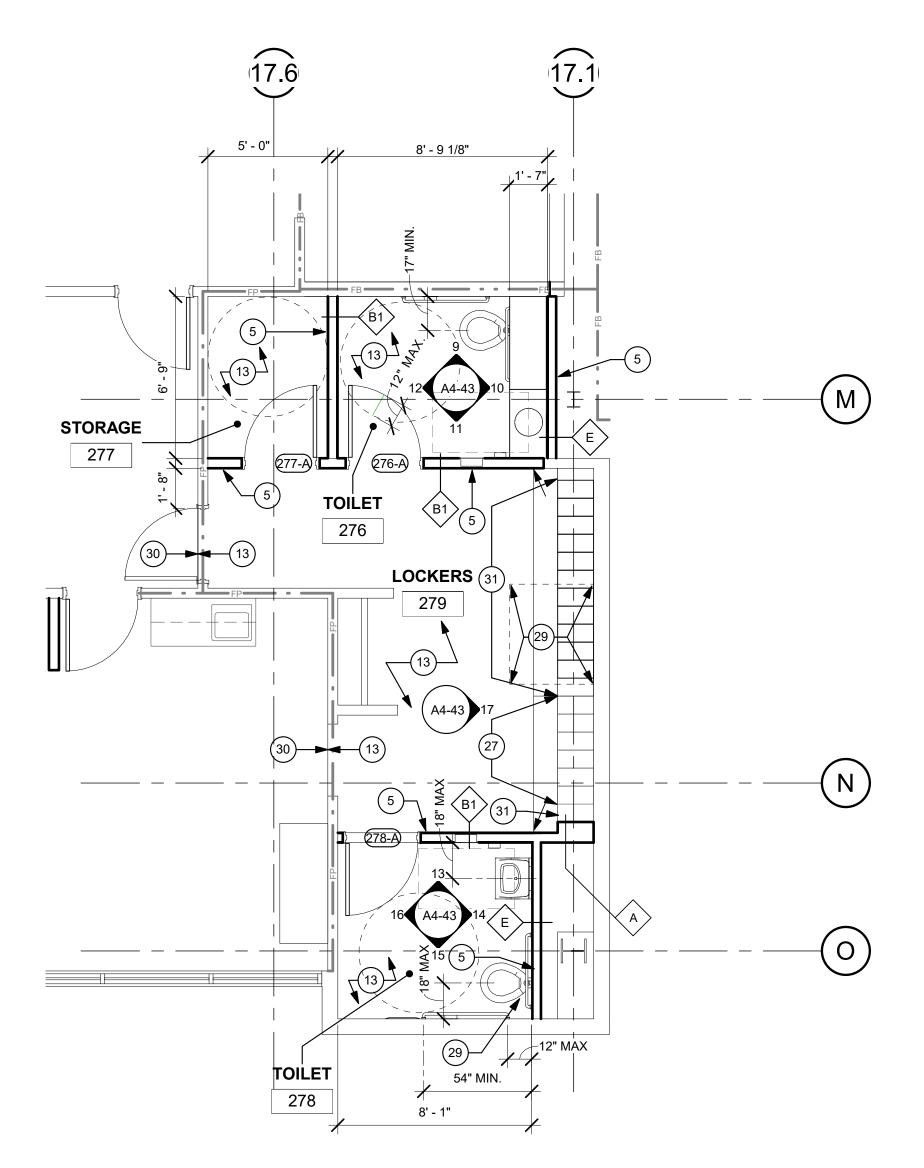
### FLOOR PLAN KEYNOTES:

- ONE HOUR RATED PARTITION TO FILL DOOR OPENING. SEE DETAIL 2/A5-81.
- (2) NEW HANDWASHING FIXTURE.
- 3 NEW MILLWORK.
- (4)NEW RATED PARTITIONS.
- (5) NEW NON-RATED PARTITIONS.
- 6 NEW CUBICLE CURTAIN AND TRACK.
- (7)CARD READER.
- (8) EAR, NOSE & THROAT
- () NURSE CALL STATION

- 10 PILLOW SPEAKER.
- (1) ELECTRONIC DOOR RELEASE BUTTON CONNECTED TO DOOR 208-A ON ACCESS SIDE ONLY.  $\frac{1}{5}$
- ADD MTL. FRAMING AND GWB TO EXISTING NON-RATED (12)PARTITION TO MAKE ONE HOUR RATED.
- (13) NEW SHEET VINYL FLOORING AND BASE.
- (14)NEW LUXURY TILE FLOORING AND BASE.
- (15) NEW CARPET AND BASE.

<u>/1</u>

- (16) NEW NURSE CALL PANEL. FOR ANCHORAGE SEE 1/SD2 AND 8B/A5-81. SEISMIC CERTIFICATION PER OSP-0306-10.
- (17)MED GAS PANEL. FOR ANCHORAGE SEE 1/SD2, AND 8A/A5-81.
- (18)ELECTRICAL PANEL. FOR ANCHORAGE SEE 1/SD2 AND 8B/A5-81.





- (19) FIRE RATED GLASS, TEMPERED.
- (20) REMOVE FLOOR POWER OUTLET BOXES AND INFILL AS PER STRUCTURAL DETAIL 3/SD2.
- (21) PUSH PLATE. <u>′/1∖</u>
- (22) FRAME ELEVATION ON A6-00.
- (23) 1NEW ACCESSIBLE DRINKING FOUNTAINS.
- (24) NEW NURSE STATION.
- (25) EXISTING WHEELCHAIR STORAGE.
- (26) EXISTING GURNEY STORAGE.
- (27) EXISTING LOCKERS. PRIME AND PAINT.
- (28) CONTINUOUS ACROVYN CHAIR RAIL. TOP OF RAIL AT 3'-0" A.F.F.

- (29) NEW CONCRETE TOPPING SLAB TO MATCH EXISTING - SEE STRUCTURAL DETAIL 4/SD4. PREP SLAB FOR NEW FLOOR FINISH.
- (30) EXISTING FINISH TO REMAIN.

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- (31) PRESERVED LOCKERS TO BE PRIMED, PAINTED AND **REINSTALLED**.
- 5 (32) THIS IS CONSIDERED A "LIGHT TRAFIC" CORRIDOR.
  - (33) PROVIDE SIGN LOCATED ABOVE AND WITHIN 12 INCHES OF RELEASE DEVICE READING: "KEEP PUSHING. THIS DOOR WILL OPEN IN 15 SECONDS. ALARM WILL SOUND." AND TACTILE SIGN AND RAISED CHARACTERS PER 24/A1/02. AND SHALL FULFILL ALL OTHER REQUIREMENTS FOR A "DELAYED EGRESS" DOOR PER CBC 2013 1008.1.8.6.



## **GENERAL NOTES:**

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

## **GENERAL FLOOR PLAN NOTES:**

- THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
- THE GENERAL CONTRACTOR SHALL COORDINATE ALL PHASING, ACCESS, DEBRIS REMOVAL, STAGING AREAS AND HOURS OF CONSTRUCTION WITH OWNER PRIOR TO START OF CONSTRUCTION.
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- THE GENERAL CONTRACTOR SHALL SEPARATE DISSIMILAR METALS WITH BUILDING PAPER OR PLASTIC SHIM.
- 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.
- REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT 6. INDICATED ON THIS SHEET.
- 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 9. 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. FOR DOOR INFORMATION REFER TO DOOR SCHEDULE, SHEET A6-00.
- 14. REFER TO SHEETS A1-00, A1-02 AND A1-04 FOR ACCESSIBILITY REQUIREMENTS.
- 15. PROVIDE ACOUSTICAL INSULATION IN ALL NEW WALL ASSEMBLIES.
- 16. 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.
- 17. 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.

## **PARTITION LEGEND:**

$\rightarrow$	ACCESSIBLE PATH OF TRAVEL.	× S Not C28543 7 ★
>	EGRESS PATH OF TRAVEL.	OF CALFORNIT
	ONE-HOUR RATED CORRIDOR.	OF CALIFO OSHPD COMMENTS 12/01/16
	INFILLED AREA OF CONCRETE SLAB. (NEW).	DESIGN CHANGES         12/01/16           3         OSHPD COMMENTS         02/15/17           4         DESIGN CHANGES         02/15/17
	INDICATES AN EXISTING MEMBRANE OF PARTITION OR PARTITION TO BE REMOVED. REFER TO DEMOLITION PLAN FOR FURTHER REQUIREMENTS.	4         DESIGN CHANGES         02/15/17           5         5         05HPD COMMENTS         08/11/17
	INDICATES AN EXISTING PARTITION TO REMAIN. REFER TO PLAN FOR UPGRADE REQUIREMENTS.	REV: DESCRIPTION: DATE:
SB SB SB	INDICATES AN EXISTING 1 HOUR SMOKE BARRIER	CONSULTANT
SP • SP	INDICATES AN EXISTING SMOKE PARTITION	
FP • • FP	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 ONE HOUR RATED FIRE BARRIER TO REMAIN, ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.	OSHPD APPROVAL STAMP: OSHPD #: S162093-37-00
<b>— FB — • • — FB —</b>	INDICATES AN EXISTING TWO HOUR RATED FIRE BARRIER TO REMAIN, ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.	
— SB — • — SB —	INDICATES A NEW SMOKE BARRIER	
SP • • SP	INDICATES A NEW SMOKE PARTITION	
<b>— • —</b> FP <b>— • —</b>	INDICATES A NEW ONE HOUR RATED FIRE PARTITION EXTENDING TO THE UNDERSIDE OF THE STRUCTURE ABOVE. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.	
<b>—</b> FB <b>—</b> • <b>—</b> FB <b>—</b>	INDICATES A NEW ONE HOUR RATED FIRE BARRIER EXTENDING TO THE UNDERSIDE OF THE STRUCTURE ABOVE. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.	SHEET TITLE: 1/4" PARTIAL FIRST
	THICK LINE INDICATES NEW SURFACE FINISH.	
	INDICATES AN EXISTING STRUCTURAL CONCRETE WALL TO REMAIN. LOCATE REINFORCING STEEL AND OBTAIN APPROVAL FROM STRUCTURAL ENGINEER PRIOR TO CORING AND/ OR CUTTING.	PROJECT TITLE:
	PE REFERENCE REFER TO SHEET A5-01.	
PARTITION NOTES:		PROJECT #: SHEET NUMBER:
	HOWN ARE TO FINISHED FACE OF GYP. BOARD, TYPICAL A5-00 FOR GENERAL NOTES AND REQUIREMENTS	$\frac{\begin{array}{c} 01593.00 \\ \hline \text{DRAWN BY:} \\ SA \\ \hline \text{CHECKED BY:} \\ \hline \end{array} \qquad \qquad$

EXISTING WALL'S 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.



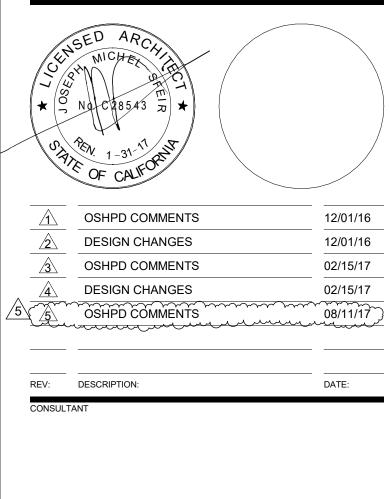
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OWNER:	TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056 TEL(760)724-8411
ARCHITECT:	SFEIR ARCHITECTS 1350 COLUMBIA STREET, SUITE 603 SAN DIEGO, CALIFORNIA 92101 TEL(619)299-3917 FAX(619)299-5084
STRUCTURAL:	SUN STRUCTURAL ENGINEERING, INC. 2091 LAS PALMAS DRIVE, SUITE D CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188
ME&P:	P2S 9665 CHESAPEAKE DRIVE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347 FAX(619)330-0668

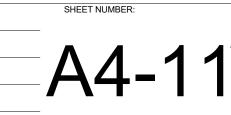


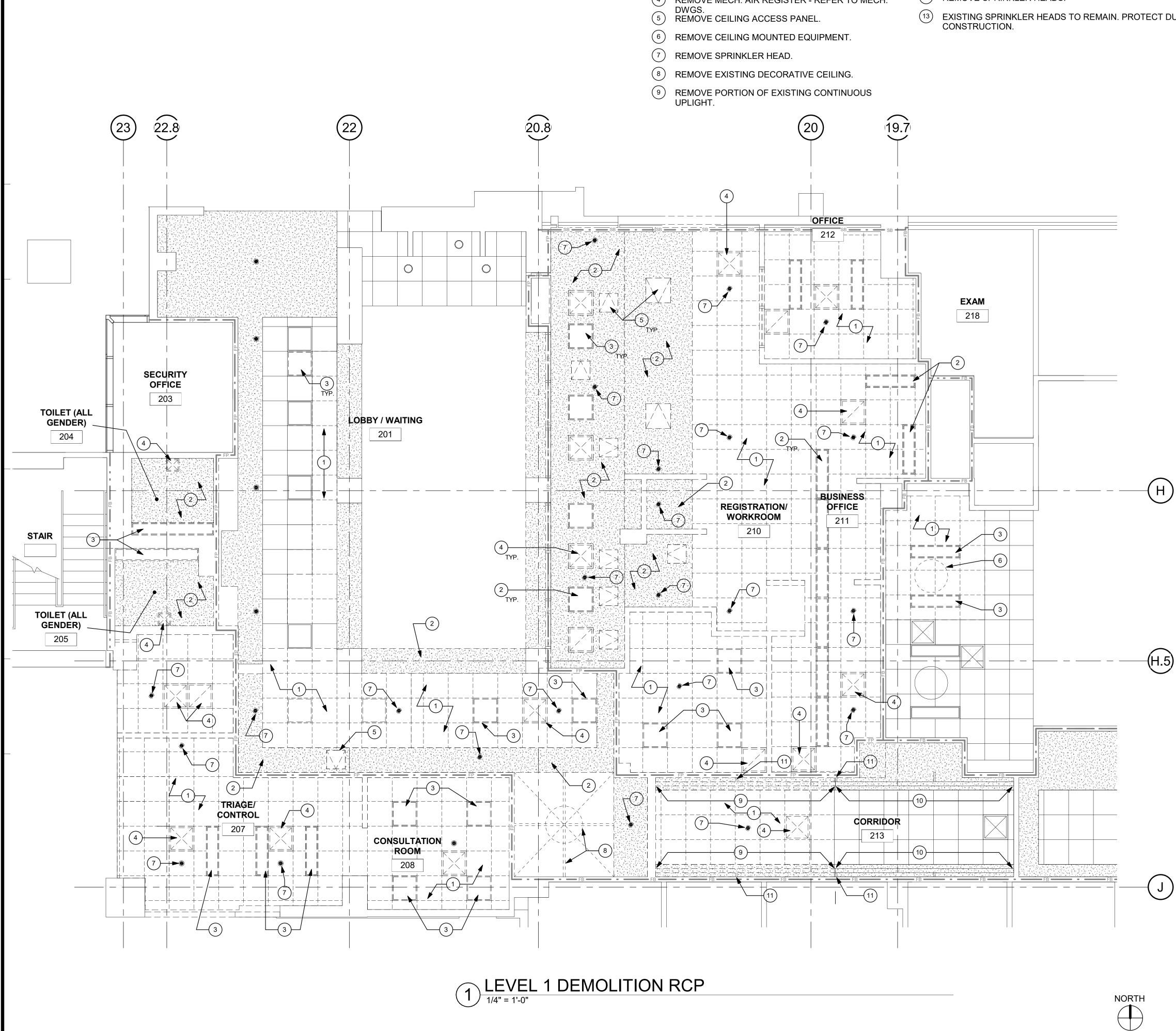
CHECKED F SA SCALE:

As indicated

DATE: 08/03/16

A4-11





### **RCP DEMOLITION KEYNOTES:**

- (1) REMOVE 24"X24" ACP CEILING.
- (2) REMOVE GWB CEILING.
- REMOVE LIGHT FIXTURE, REFER TO ELEC. DWGS. (3)
- (4)REMOVE MECH. AIR REGISTER - REFER TO MECH.

- (10) PORTION OF EXISTING CONTINUOUS UPLIGHT TO REMAIN.
- (11)REMOVE EXISTING WALL BRACKET SUPPORTING CONTINUOUS UPLIGHT. PROVIDE TEMPORARY SUPPORT AS REQUIRED FOR PORTION OF UPLIGHT TO REMAIN.
- (12) REMOVE SPRINKLER HEADS.
- EXISTING SPRINKLER HEADS TO REMAIN. PROTECT DURING

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<u>GENERAL</u>	NOTES:

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

#### **RCP DEMOLITION NOTES:**

- THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING DEMOLITION.
- THE GENERAL CONTRACTOR SHALL COORDINATE ALL PHASING, ACCESS, DEBRIS REMOVAL, STAGING AREAS AND HOURS OF CONSTRUCTION WITH OWNER PRIOR TO START OF DEMOLITION.
- 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.
- THE GENERAL CONTRACTOR SHALL SEPARATE DISSIMILAR METALS WITH BUILDING PAPER OR PLASTIC SHIM.
- THE GENERAL CONTRACTOR SHALL X-RAY AND/OR ULTRASOUND THE EXISTING CONCRETE FLOORS 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. REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.
- CONTRACTOR STAGING TO BE IN THE ROOMS UNDER REMODEL.
- CONTRACTOR PARKING TO BE IN CONTRACTOR DESIGNATED PARKING AREA.
- 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 CEILING PLAN, ROOM FINISH SCHEDULE ALONG WITH MECHANICAL AND ELECTRICAL 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 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.

### MATERIAL LEGEND:

	2' X 2' ACOUSTICAL CEILING PANEL WITH TEGULAR 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
0	RECESSED "CAN" LIGHT PROVIDE (1) SLACK SAFETY WIR
	RECESSED "CAN" LIGHT DIRECTED TOWARD WALL – PROVIDE (1) SLACK SAFETY WIRE
$\bigotimes$	EXIT SIGN PROVIDE (1) SLACK SAFETY WIRE
Ś	SMOKE DETECTOR PROVIDE (1) SLACK SAFETY WIRE
\$	PAGING SPEAKER PROVIDE (1) SLACK SAFETY WIRE
R	2'-0" RETURN AIR
	RETURN AIR OR EXHAUST PROVIDE (2) SLACK SAFETY WIRES AT DIAGONAL CORNERS
S	3'-0" SUPPLY AIR DIFFUSER
	SUPPLY AIR DIFFUSER PROVIDE (2) SLACK SAFETY WIRES AT DIAGONAL CORNERS
	2'x2' CEILING ACCESS PANEL
$\square$	12"x18" CEILING ACCESS PANEL - 20 MIN. RATED
	1'x1' CEILING EXHAUST
	1' x 1' CEILING HVAC SUPPLY
	1' x 1' CEILING HVAC SUPPLY 1' x 4' FLOURESCENT CEILING LIGHT
©	
۲	
Ð	AUDIBLE NURSE CALL
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¢s>	CHIME STROBE



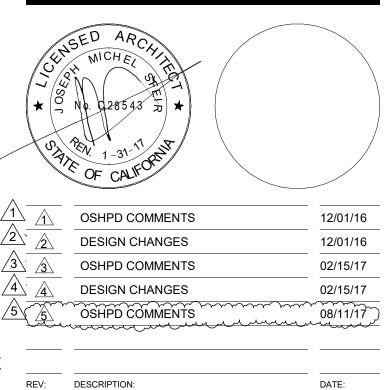
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P: 619-299-3917 F: 619-299-5084 www.sfeirarch.com

# TCMC EMERGENCY DEPARTMENT

#### **TRI-CITY MEDICAL** CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056

OWNER:	TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056 TEL(760)724-8411
ARCHITECT:	SFEIR ARCHITECTS 1350 COLUMBIA STREET, SUITE 603 SAN DIEGO, CALIFORNIA 92101 TEL(619)299-3917 FAX(619)299-5084
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SHPD APPROVAL STAMP OSHPD #: S162093-37-00

1/4" PARTIAL DEMO RCP FIRST

PROJECT TITLE: TCMC EMERGENCY DEPARTMENT

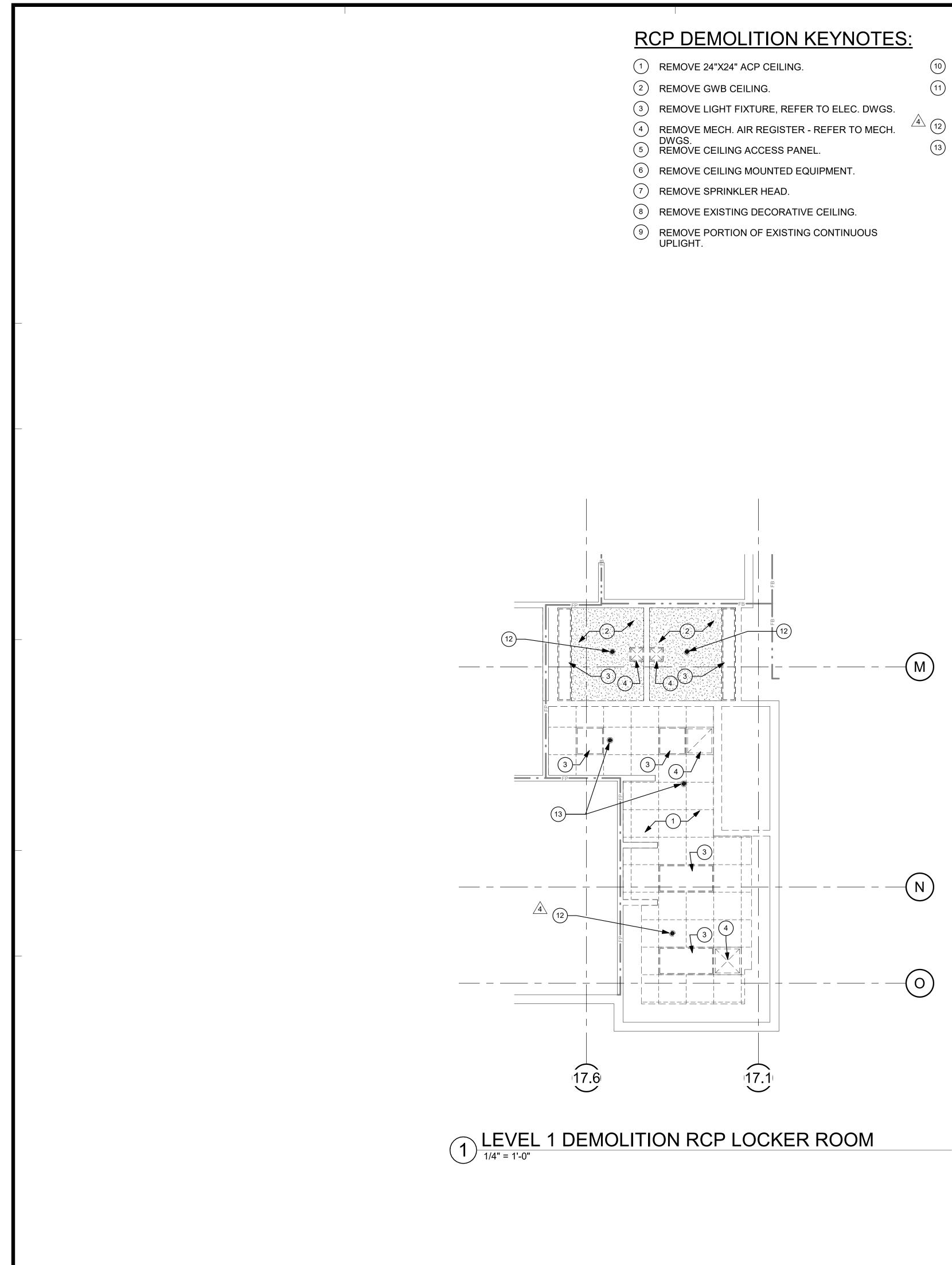
PROJECT #: 01593.00 DRAWN BY AR/HT CHECKED B JS SCALE:

A4-20

SHEET NUMBER

100% CONSTRUCTION DOCUMENTS

As indicated DATE: 08/03/16



- (10) PORTION OF EXISTING CONTINUOUS UPLIGHT TO REMAIN.
- REMOVE EXISTING WALL BRACKET SUPPORTING CONTINUOUS UPLIGHT. PROVIDE TEMPORARY SUPPORT AS REQUIRED FOR PORTION OF UPLIGHT TO REMAIN.
- (4) (12) REMOVE SPRINKLER HEADS.
  - EXISTING SPRINKLER HEADS TO REMAIN. PROTECT DURING CONSTRUCTION.

THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.

REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT 2 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.
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- 4. THE GENERAL CONTRACTOR SHALL SEPARATE DISSIMILAR METALS WITH BUILDING PAPER OR PLASTIC SHIM.
- THE GENERAL CONTRACTOR SHALL X-RAY AND/OR ULTRASOUND THE 5 EXISTING CONCRETE FLOORS 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. 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.
- CONTRACTOR PARKING TO BE IN CONTRACTOR DESIGNATED PARKING AREA. 8.
- THE CONTRACTOR SHALL ENSURE THAT THE AREA UNDER REMODEL IS 9 LOCKED AND OTHERWISE SECURED AFTER HOURS.
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### MATERIAL LEGEND:

	2' X 2' ACOUSTICAL CEILING PANEL WITH TEGULAR 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
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	RECESSED "CAN" LIGHT DIRECTED TOWARD WALL PROVIDE (1) SLACK SAFETY WIRE
$\bigotimes$	EXIT SIGN PROVIDE (1) SLACK SAFETY WIRE
\$	SMOKE DETECTOR PROVIDE (1) SLACK SAFETY WIRE
S	PAGING SPEAKER PROVIDE (1) SLACK SAFETY WIRE
	2'-0" RETURN AIR
	RETURN AIR OR EXHAUST PROVIDE (2) SLACK SAFETY WIRES AT DIAGONAL CORNERS
<u>\$</u>	3'-0" SUPPLY AIR DIFFUSER
	SUPPLY AIR DIFFUSER PROVIDE (2) SLACK SAFETY WIRES AT DIAGONAL CORNERS
	2'x2' CEILING ACCESS PANEL
$\square$	12"x18" CEILING ACCESS PANEL - 20 MIN. RATED
	1'x1' CEILING EXHAUST
$\square$	1' x 1' CEILING HVAC SUPPLY
	1' x 1' CEILING HVAC SUPPLY
	1' x 4' FLOURESCENT CEILING LIGHT
©	CAMERA
۲	SPRINKLER AUDIBLE NURSE CALL
↔ ♦	DOME LIGHT NURSE CALL
¢\$	CHIME STROBE
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## S ARCHITECTS

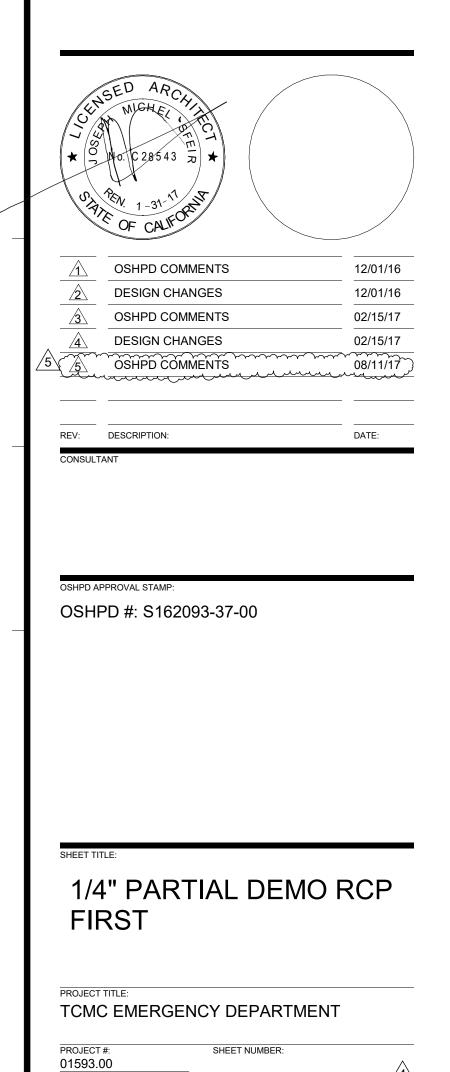
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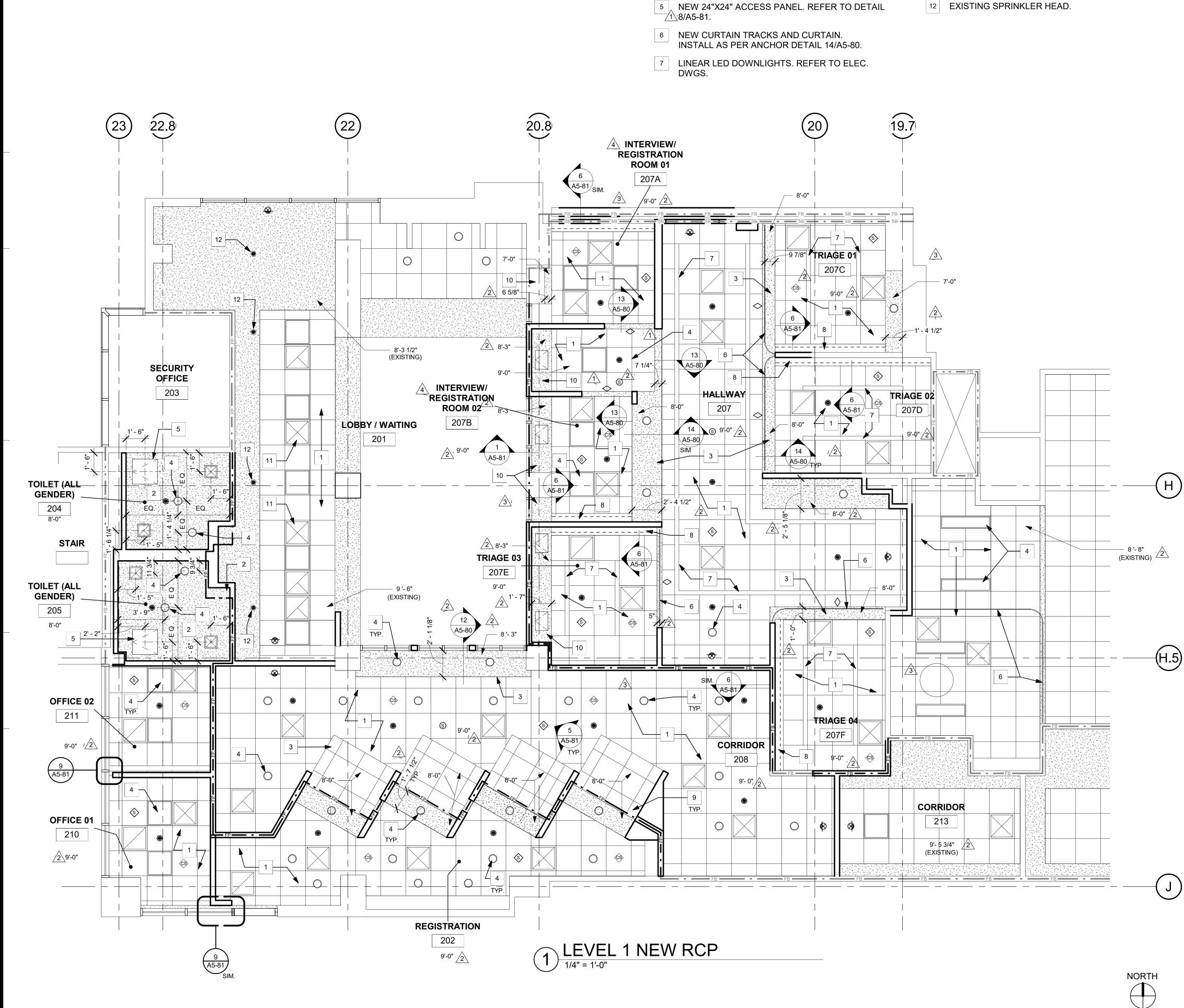
# TCMC EMERGENCY DEPARTMENT

### **TRI-CITY MEDICAL** CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056

OWNER:	TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056 TEL(760)724-8411
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STRUCTURAL:	SUN STRUCTURAL ENGINEERING, INC. 2091 LAS PALMAS DRIVE, SUITE D CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188
ME&P:	P2S 9665 CHESAPEAKE DRIVE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347 FAX(619)330-0668



DRAWN B Author CHECKED BY Checker SCALE: As indicated DATE: 08/03/16



#### RCP KEYNOTES:

- NEW 2'X2' ACP. PRIME & PAINT WITH EPOXY
- PAINT. 2 NEW GWB CEILING. PRIME & PAINT WITH EPOXY PAINT.
- <sup>3</sup> NEW GWB SOFFIT. PRIME & PAINT WITH EPOXY PAINT
- 4 NEW LIGHT FIXTURE, REFER TO ELEC. DWGS.

- GWB COVE WITH LINEAR LED INDIRECT 8 LIGHTS. REFER TO ELEC. DWGS.
- 9 ROLL-DOWN FIRE SHUTTER.
- 10 ONE HOUR RATED GWB SOFFIT.
- 11 EXISTING DIFFUSER.
- 12 EXISTING SPRINKLER HEAD.

### **GENERAL NOTES:**

THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.

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

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- 11. REFER TO SHEET A5-60 AND A5-70 FOR CEILING DETAILS.
- 12. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE TYPES.
- 13. FIRE SPRINKLER HEAD LAYOUT MUST BE APPROVED BY ARCHITECT PRIOR TO INSTALLATION, ALL EXPOSED SPRINKLER HEAD COMPONENTS SHALL BE WHITE.

2' X 2' ACOUSTICAL CEILING PANEL WITH TEGULAR

- 14. REPLACE EXISTING LENSES FOR 2X2 AND 2X4 LIGHT FIXTURES.
- 15. REPLACE ALL GRILLES, DIFFUSERS AND REGISTERS WITH NEW.

MATERIAL LEGEND:

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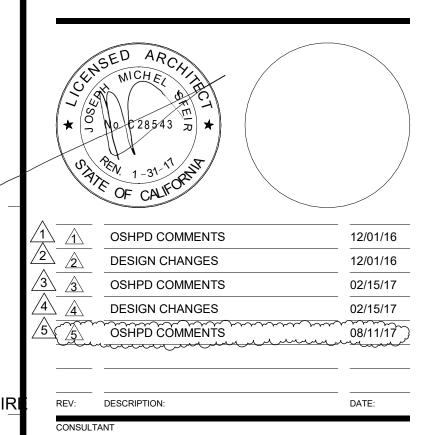
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# TCMC EMERGENCY DEPARTMENT

#### **TRI-CITY MEDICAL** CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056

OWNER:	TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056 TEL(760)724-8411
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OSHPD APPROVAL STAMP OSHPD #: S162093-37-00

1/4" PARTIAL RCP FIRST

PROJECT TITLE: TCMC EMERGENCY DEPARTMENT

PROJECT #: 01593.00 DRAWN BY Author CHECKED BY Checker SCALE: As indicated

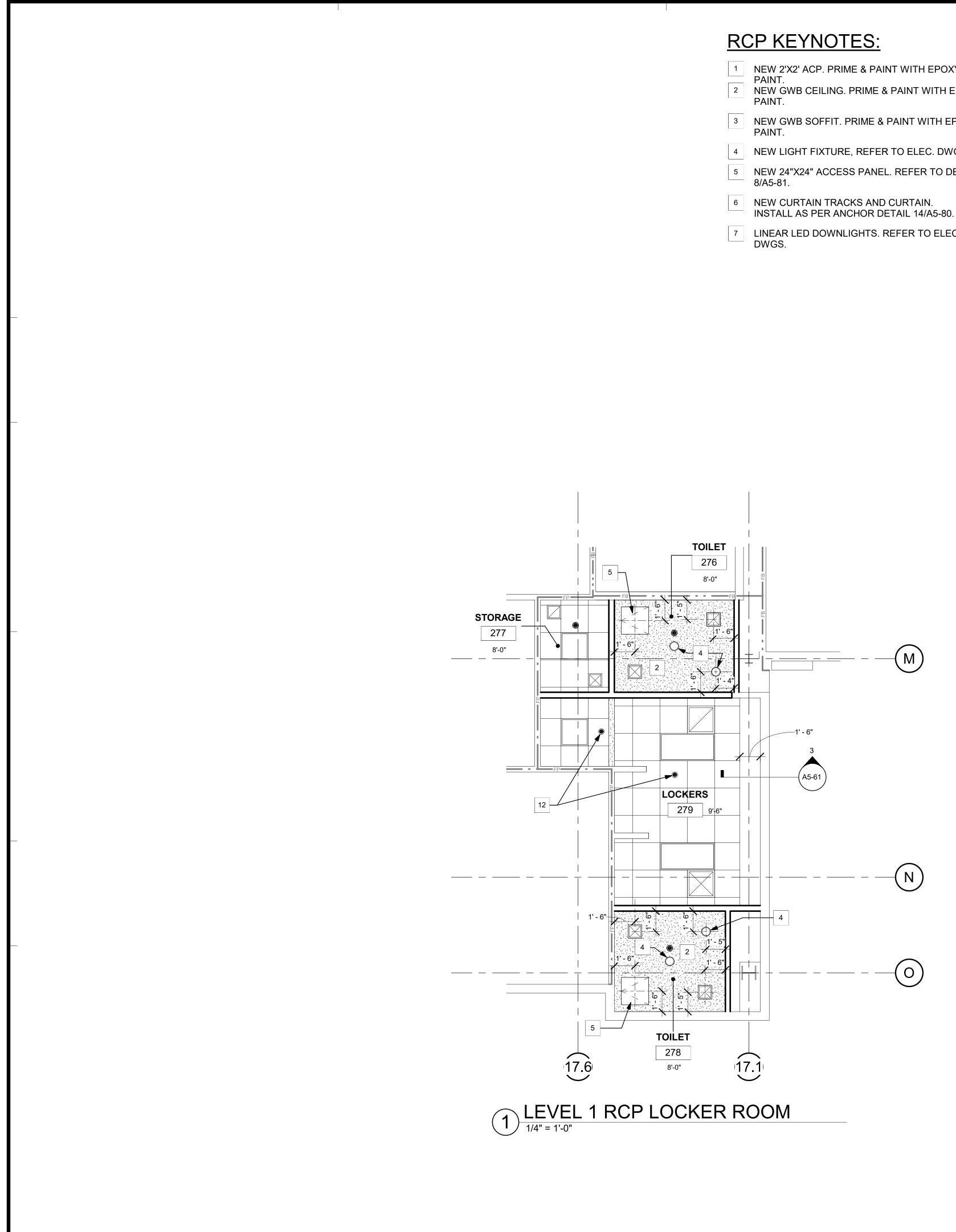
DATE: 08/03/16



SHEET NUMBER

	EDGE
	1' X 1' ACOUSTICAL CEILING TILE
	SUSPENDED GYP. BOARD CEILING
	2X4 RECESSED LAY-IN FLOURESCENT LIGHT FIXTUR PROVIDE (2) SLACK SAFETY WIRES AT DIAGONAL CORNERS
	2X2 RECESSED LAY-IN FLOURESCENT LIGHT FIXTUR PROVIDE (2) SLACK SAFETY WIRES AT DIAGONAL CORNERS
0	RECESSED "CAN" LIGHT PROVIDE (1) SLACK SAFETY
	RECESSED "CAN" LIGHT DIRECTED TOWARD WALL PROVIDE (1) SLACK SAFETY WIRE
⊗	EXIT SIGN PROVIDE (1) SLACK SAFETY WIRE
\$	SMOKE DETECTOR PROVIDE (1) SLACK SAFETY WIRE
S	PAGING SPEAKER
R	PROVIDE (1) SLACK SAFETY WIRE 2'-0" RETURN AIR
	RETURN AIR OR EXHAUST PROVIDE (2) SLACK SAFETY WIRES AT DIAGONAL CORNERS
S	3'-0" SUPPLY AIR DIFFUSER
	SUPPLY AIR DIFFUSER PROVIDE (2) SLACK SAFETY WIRES AT DIAGONAL CORNERS
	2'x2' CEILING ACCESS PANEL
$\square$	12"x18" CEILING ACCESS PANEL - 20 MIN. RATED
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	1' x 1' CEILING HVAC SUPPLY
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•	SPRINKLER
Ð	AUDIBLE NURSE CALL
$\diamond$	DOME LIGHT NURSE CALL
Ś	CHIME STROBE

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- 1 NEW 2'X2' ACP. PRIME & PAINT WITH EPOXY
- <sup>2</sup> NEW GWB CEILING. PRIME & PAINT WITH EPOXY
- NEW GWB SOFFIT. PRIME & PAINT WITH EPOXY
- 4 NEW LIGHT FIXTURE, REFER TO ELEC. DWGS.
- 5 NEW 24"X24" ACCESS PANEL. REFER TO DETAIL
- 7 LINEAR LED DOWNLIGHTS. REFER TO ELEC.

- 8 GWB COVE WITH LINEAR LED INDIRECT LIGHTS. REFER TO ELEC. DWGS.
- 9 ROLL-DOWN FIRE SHUTTER.
- 10 ONE HOUR RATED GWB SOFFIT.
- 11 EXISTING DIFFUSER.
- 12 EXISTING SPRINKLER HEAD.

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 GENERAL NOTES:**

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- 14. REPLACE EXISTING LENSES FOR 2X2 AND 2X4 LIGHT FIXTURES.
- 15. REPLACE ALL GRILLES, DIFFUSERS AND REGISTERS WITH NEW.

### MATERIAL LEGEND:

	2' X 2' ACOUSTICAL CEILING PANEL WITH TEGULAR 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
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©	CAMERA
۲	SPRINKLER
↔ ♦	AUDIBLE NURSE CALL DOME LIGHT NURSE CALL
¢\$	CHIME STROBE
×	

#### S R ARCHITECTS

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# TCMC EMERGENCY DEPARTMENT

#### **TRI-CITY MEDICAL** CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056

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STRUCTURAL:	SUN STRUCTURAL ENGINEERING, INC. 2091 LAS PALMAS DRIVE, SUITE D CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188
ME&P:	P2S 9665 CHESAPEAKE DRIVE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347 FAX(619)330-0668



OSHPD APPROVAL STAMP: OSHPD #: S162093-37-00

SHEET NUMBE

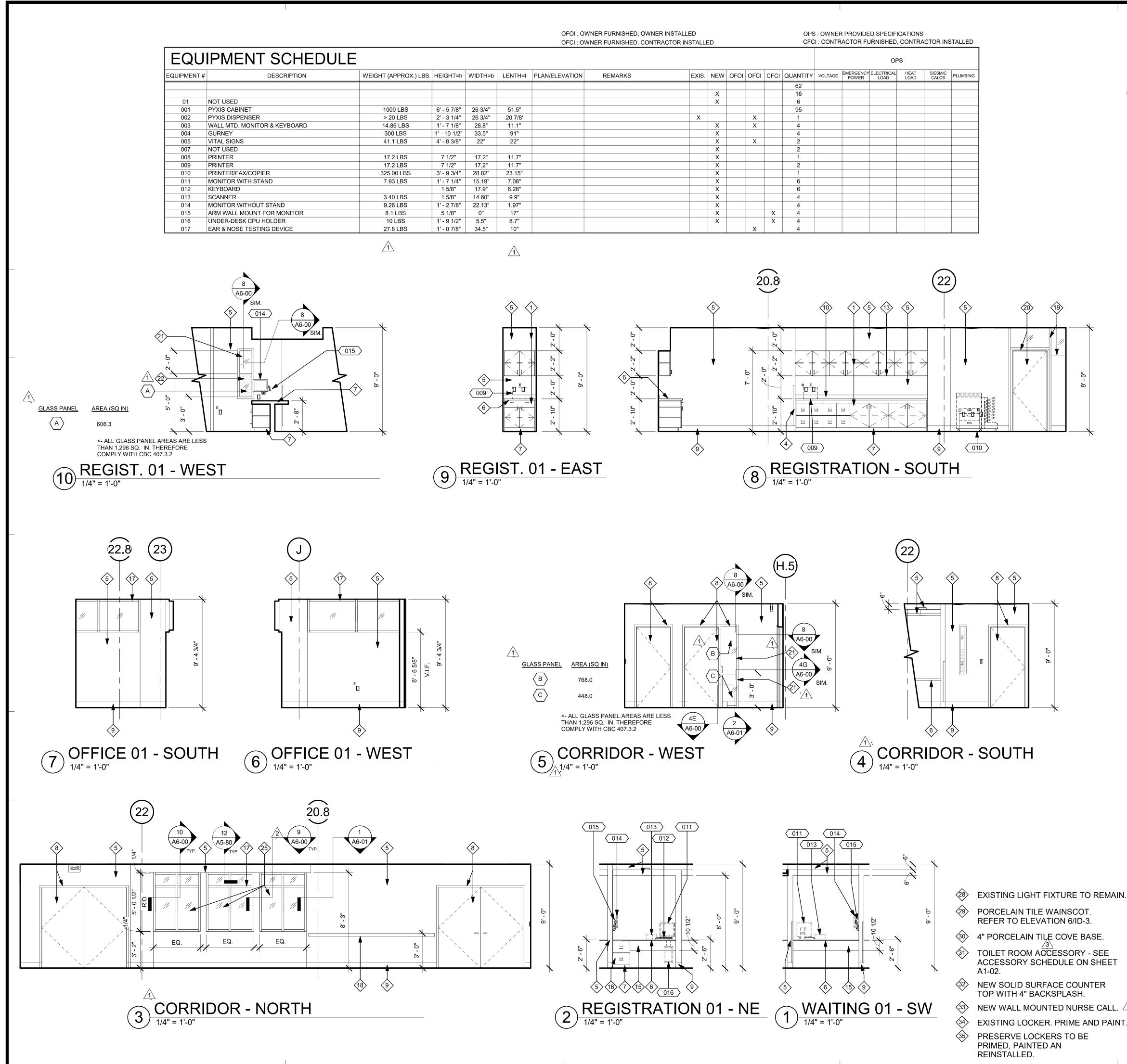
1/4" PARTIAL RCP FIRST

PROJECT TITLE: TCMC EMERGENCY DEPARTMENT

PROJECT # 01593.00 DRAWN B Author CHECKED BY Checker SCALE: As indicated

A4-

date: 08/03/16



		X			6							
51.5"					95							
0 7/8'	>		X		1							
1.1"		X	X		4							
91"		X			4							
22"		Х	X		2							
		Х			2							
1.7"		X			1							
1.7"		X			2							
3.15"		X			1							
7.08"		X			6							
7.08"		X			6							
9.9"		X			4							
.97"		X			4							
17"		X		X	4							
8.7"		X		X	4							
10"			X		4							
1												
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				20.8				(22)				
	N	5					\$	$\checkmark$	5	20>	(19)	

All rights reserved. No part of this work may be reproduced or copied in any form or by any means, graphic, electronic, or mechanical, including photocopying, recording, taping, or information and

<u>GENERAL NOTES:</u>			
1. THE GENERAL CONTRACTOR SHALL VERIFY MEASUREMENTS IN THE FIELD PRIOR TO STARTIN	== = =		AND
<ol> <li>REFER TO GENERAL NOTES ON SHEET A0-0 INDICATED ON THIS SHEET.</li> </ol>	0 FOR INFOR	RMATION NOT	
<u>LEGEND:</u>			
(1) REFER TO EQUIPMENT SCHED	ULE.		
CASEWORK LEGEN	D:		
CASE ID NUMBER	HEIGHT	-	
D100G24	NUMBER	HEIGHT	
CASE WIDTH (INCHES) ( = AS REQ'D.) CASE HEIGHT CASE TYPE (REFER TO W.I.C.) SPECIAL PREFIX D = DOUBLE M = MODIFY	A B C D E	18" 24" 27" 30" 30"	
TASK24 = 24" TASK LIGHT MODULE TASK36 = 36" TASK LIGHT MODULE	F G	33" 36" 20"	
TASK48 = 48" TASK LIGHT MODULE	H	39"	

#### UPPER CASE: 14" DEEP U.O.N. TALL CASE: 14" DEEP U.O.N.

LOWER CASE: 24" DEEP U.O.N.

FTPED = SINK FOOT CONTROL PEDALS

UUI	LEI	DESCRIP	TION

DEPTH (U.O.N. ON ELEVATIONS)

<ul> <li>A - MEDICAL COMPRESSED AIR</li> <li>CODE BLUE</li> <li>DATA</li> <li>DP - DICTAPHONE</li> <li>DS - DIMMER SWITCH</li> <li>E - DUPLEX ELECT. OUTLET S -</li> <li>FAX MACHINE</li> <li>C - INTERCOM</li> </ul>	NO - NITROUS OXIDE O - OXYGEN PS - NURSE CALL PULL STATION SWITCH T - TELEPHONE	VC - VOLUME CONTROL
J - JUNCTION BOX	_	
GENERAL NOTES:		

42"

48"

54"

72"

80"

86"

96"

AS REQ'D.

K

L M

N P

Q

R

ALL CASEWORK SHALL BE "CUSTOM" GRADE AS DEFINED BY THE WOODWORK INSTITUTE OF CALIFORNIA.

- 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 NOTED OTHERWISE.
- PROVIDE PLASTIC LAMINATE SOFFIT TO ENCLOSE SPACE BETWEEN CEILING AND TOP OF CABINET. TYPICAL UNLESS NOTED OTHERWISE.
- BASES ON CASEWORK SHALL BE 6" 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.

- 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 DETAIL 10 ON SHEET S-1 FOR FURTHER INFO.
- REFER TO DETAILS 2 & 3 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.

## **ELEVATION KEYNOTES:**

- NEW BASE AND UPPER CABINETS.
- NEW UPPER CABINETS.
- ACROVYN WALL PROTECTION.
- ACROVYN CORNER GUARD, 2" X 2".
- PRIME AND PAINT.
- NEW SOLID SURFACE COUNTER TOP.
- NEW 4" SHEET VINYL COVE BASE.
- PRIME AND PAINT THE DOOR AND DOOR FRAMES.
- NEW 6" SHEET VINYL COVE BASE.
- COVED BACKSPLASH.
- PROVIDE AND INSTALL CPU HOLDER TO BE ANCHORED TO THE UNDERSIDE OF THE
- COUNTERTOP. RETURN WAINSCOAT TO DOOR FRAME.
- UNDER CABINET LIGHTS.
- NEW ROLL DOWN SHADES.
- UNDER COUNTER PRIVACY PARTITION.
- NEW FILE CABINET
- PRIME AND PAINT THE WINDOW FRAMES. <17>
- <18> ACROVYN CHAIR RAIL
- PRIME AND PAINT EXISTING WINDOW FRAMES.
- PRIME AND PAINT EXISTING DOOR AND DOOR FRAME.
- 1/4" CLEAR FIRE RATED GLASS. FIRELITE PREMIUM.  $\sqrt{3}$ TRANSLUCENT FROSTED PORTION OF 1/4" FIRE RATED
- GLASS. <23> NURSE CALL PANEL.
- SOLID SURFACE & SILL. /2\24
- 25 1/4" CLEAR TEMPERED GLASS.
- NEW WALL BASE (NIC). COORDINATE WITH OWNER. CARD READER.



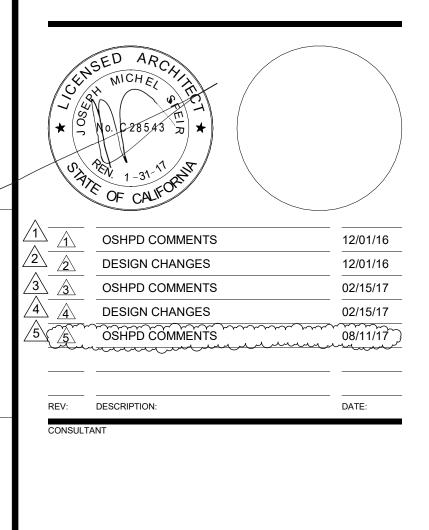
1350 Columbia Street, Suite 603 San Diego, CA 92101

P: 619-299-3917 F: 619-299-5084 www.sfeirarch.com

# TCMC EMERGENCY DEPARTMENT

### **TRI-CITY MEDICAL** CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056

OWNER:	TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056 TEL(760)724-8411
ARCHITECT:	SFEIR ARCHITECTS 1350 COLUMBIA STREET, SUITE 603 SAN DIEGO, CALIFORNIA 92101 TEL(619)299-3917 FAX(619)299-5084
STRUCTURAL:	SUN STRUCTURAL ENGINEERING, INC. 2091 LAS PALMAS DRIVE, SUITE D CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188
ME&P:	P2S 9665 CHESAPEAKE DRIVE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347 FAX(619)330-0668



OSHPD APPROVAL STAMP OSHPD #: S162093-37-00

#### 1/4" INTERIOR ELEVATIONS

PROJECT TITLE: TCMC EMERGENCY DEPARTMENT

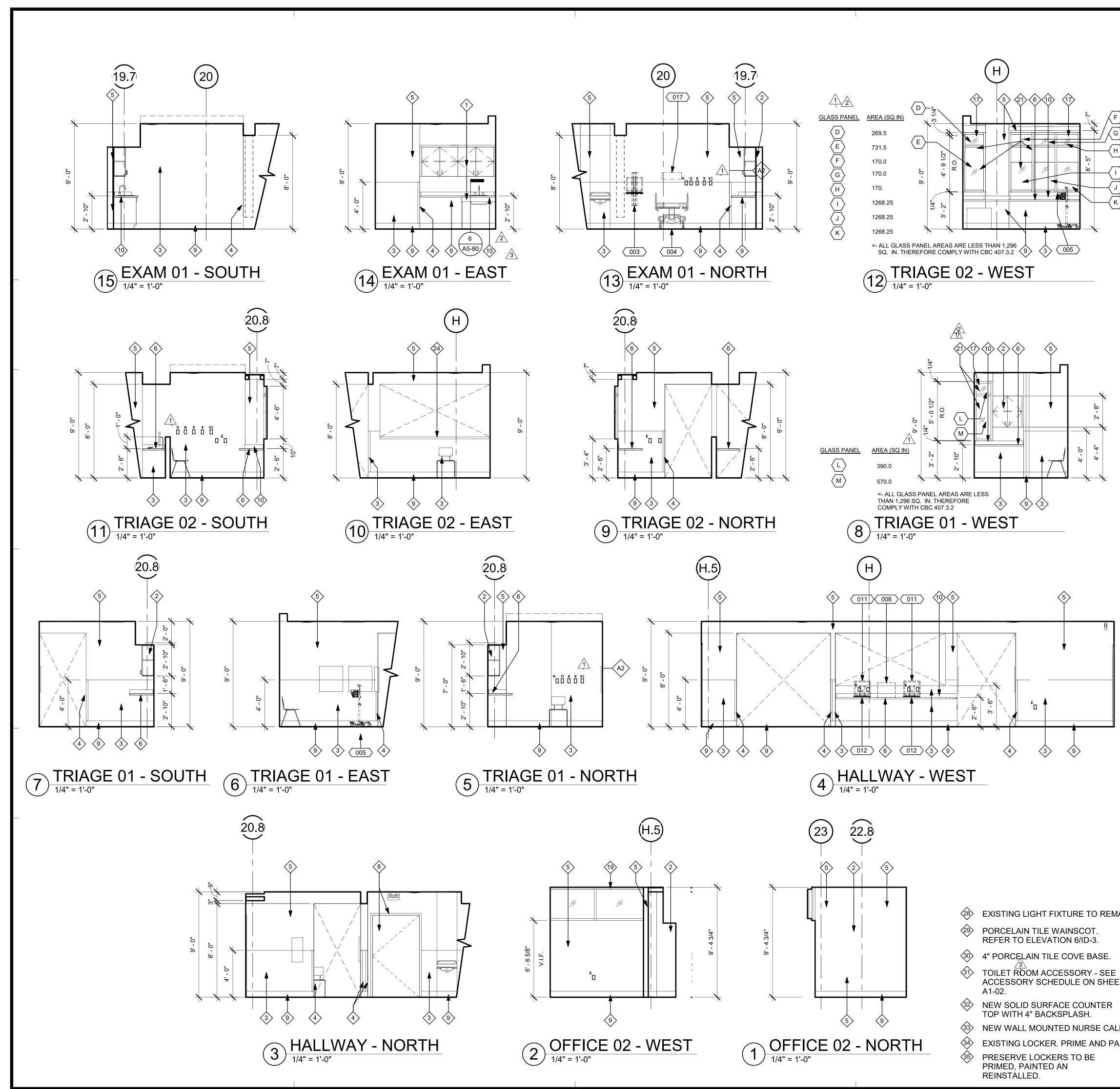
PROJECT #: 01593.00 DRAWN BY Author CHECKED BY Checker SCALE: As indicated

A4-40

SHEET NUMBER

100% CONSTRUCTION DOCUMENTS

DATE: 08/03/16



	GENERAL NOTES:		S
	1. THE GENERAL CONTRACTOR SHALL VERIFY ALL MEASUREMENTS IN THE FIELD PRIOR TO STARTING CO		A R
	2. REFER TO GENERAL NOTES ON SHEET A0-00 FO INDICATED ON THIS SHEET.	R INFORMATION NOT	1350 (
			San Di
	LEGEND:	-	P: 619 F: 619
$\sum$	1i     REFER TO EQUIPMENT SCHEDUL       (1)     NOTES	-E.	WWW.S
$\langle \rangle$	$\checkmark$		
$\rangle$	CASEWORK LEGENE		
$\sum$		<u>HEIGHT</u> NUMBER  HEIGHT	╽┍┈
$\rangle$	CASE WIDTH (INCHES) ( = AS REQ'D.)	A 18" B 24"	
	CASE TYPE (REFER TO W.I.C.) SPECIAL PREFIX D = DOUBLE M = MODIFY	В 24 С 27" D 30"	
	TASK24 = 24" TASK LIGHT MODULE	E 30" F 33" G 36"	
	TASK36 = 36" TASK LIGHT MODULE TASK48 = 48" TASK LIGHT MODULE	H 39" J 42"	
	FTPED = SINK FOOT CONTROL PEDALS <u>DEPTH (U.O.N. ON ELEVATIONS)</u>	K 48" L 54" M 72"	
	LOWER CASE: 24" DEEP U.O.N. UPPER CASE: 14" DEEP U.O.N.	N 80" P 86" Q 96"	TRI
	TALL CASE:14" DEEP U.O.N.OUTLET DESCRIPTION	Q 96" <u>R</u> AS REQ'D.	
	A - MEDICAL COMPRESSED AIR N - NURSE CALL		4002 OCE
	C - CODE BLUENO - NITROUS OXIID - DATAO - OXYGENDP - DICTAPHONEPS - NURSE CALL	DE VC - VOLUME CONTROL VS - VACUUM SLIDE	9205
	DS - DIMMER SWITCH PULL STATION E - DUPLEX ELECT. OUTLET S - SWITCH F - FAX MACHINE T - TELEPHONE		
	IC - INTERCOMTL - TASK LIGHTJ - JUNCTION BOXTV - TELEVISION		OWNER:
	<u>GENERAL NOTES:</u>		
	1. ALL CASEWORK SHALL BE "CUSTOM" GRADE AS D INSTITUTE OF CALIFORNIA.	DEFINED BY THE WOODWORK	ARCHITEC
	2. FINISH ALL EXPOSED AND SEMI-EXPOSED SURFAC INCLUDING THE INTERIOR OF OPEN CASEWORK A PLASTIC LAMINATE. ALL COUNTERTOPS SHALL BE	ND SHELVING WITH	
	UNLESS NOTED OTHERWISE.	_	STRUCTU
	3. PROVIDE PLASTIC LAMINATE SOFFIT TO ENCLOSE AND TOP OF CABINET. TYPICAL UNLESS NOTED O		
	<ol> <li>BASES ON CASEWORK SHALL BE 6" UNLESS OTHE SAME FINISH BASE MATERIAL AS ADJACENT WALL ALL CABINET RETURNS AND END PANELS.</li> </ol>		ME&P:
	5. IN CASES OF CABINET INSTALLATIONS BETWEEN IN FIELD AND PROVIDE FILLER PANEL STRIPS AT ENDS (		
	WIDTH AS REQUIRED TO FIT SPACE AS INDICATED.		
	6. ALL CABINET DOORS AND DRAWERS SHALL HAVE CABINET DOORS AND FULL HEIGHT CABINETS SHALL HAVE VERTICALLY. DRAWERS SHALL HAVE HORIZONTAL PULL	VE PULLS MOUNTED	
	7. ALL FILE DRAWERS SHALL BE SIZED FOR 8 1/2"x 1 RODS EXTENDING FRONT TO BACK OF DRAWER U		CENSI
	8. COORDINATE HEIGHT AND LOCATION OF BACKING WITH STUD FRAMING CONTRACTOR. REF ALSO TO	PLATES FOR CASEWORK	× 100
	FOR FURTHER INFO.		
	9. REFER TO DETAILS 2 & 3 ON SHEET A5-80 FOR WA BACKING TRACK CONNECTION.	ALL CABINET ANCHORAGE/	SITTE
	10. GENERAL CONTRACTOR SHALL VERIFY ALL DIMEN OPENINGS AND COORDINATE W/OWNER FOR ALL PRIOR TO PREPARING SHOP DRAWINGS AND FAB	EQUIPMENT CLEARANCES	
	ELEVATION KEYNOT	<u>ES:</u>	$\begin{array}{c} \underline{\cancel{3}} \\ \underline{\cancel{4}} \\ \underline{\cancel{4}} \\ \underline{\cancel{4}} \end{array} - \begin{array}{c} \underline{\cancel{3}} \\ \underline{\cancel{4}} \\ \underline{\cancel{4}} \\ \underline{\cancel{4}} \end{array} - \begin{array}{c} \underline{\cancel{3}} \\ \underline{\cancel{4}} \\ \cancel{4$
	NEW BASE AND UPPER CABINETS.		5
	<ul> <li>ACROVYN WALL PROTECTION.</li> </ul>		
	ACROVYN CORNER GUARD, 2" X 2"	. –	REV: DI
	5 PRIME AND PAINT.		CONSOLIAN
	<ul> <li>NEW SOLID SURFACE COUNTER TO</li> <li>NEW 4" SHEET VINYL COVE BASE.</li> </ul>	OP.	
	PRIME AND PAINT THE DOOR AND	DOOR FRAMES.	
	(9) NEW 6" SHEET VINYL COVE BASE.		OSHPD APPR
	<ul> <li>COVED BACKSPLASH.</li> <li>PROVIDE AND INSTALL CPU HOLDE</li> </ul>	ER TO BE	USHFL
	ANCHORED TO THE UNDERSIDE OF COUNTERTOP.	FTHE	
	RETURN WAINSCOAT TO DOOR FR	AME.	
	<ul> <li>UNDER CABINET LIGHTS.</li> <li>NEW ROLL DOWN SHADES.</li> </ul>		
	UNDER COUNTER PRIVACY PARTIT	ΓΙΟΝ.	
AIN.	16 NEW FILE CABINET.		
	<ul> <li>PRIME AND PAINT THE WINDOW FF</li> <li>ACROVYN CHAIR RAIL.</li> </ul>	RAMES.	SHEET TITLE
	(19) PRIME AND PAINT EXISTING WINDO	OW FRAMES.	1/4"
	PRIME AND PAINT EXISTING DOOR	$\wedge$	ELE
T	<ul> <li>1/4" CLEAR FIRE RATED GLASS. FIF</li> <li>TRANSLUCENT FROSTED PORTION</li> </ul>		
	GLASS.		PROJECT TIT TCMC
1 /2	SOLID SURFACE & SILL.		PROJECT #:
.L. <u>/-</u>	25 1/4" CLEAR TEMPERED GLASS.		01593.00 DRAWN BY: Author
	NEW WALL BASE (NIC). COORDINA	TE WITH OWNER.	CHECKED BY Checker SCALE:
	CARD READER.		As indicat DATE: 08/03/16

## **S F E I R** A R C H I T E C T S 350 Columbia Street, Suite 603

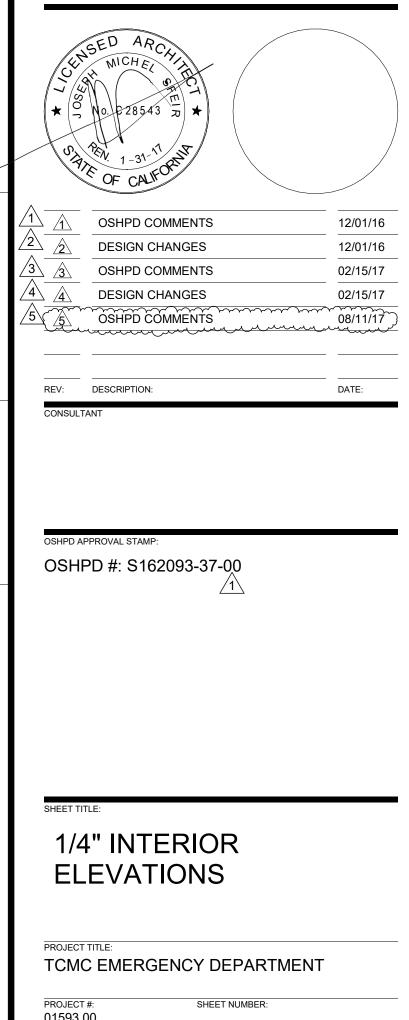
1350 Columbia Street, Suite 603 San Diego, CA 92101 P: 619-299-3917

P: 619-299-3917 F: 619-299-5084 www.sfeirarch.com

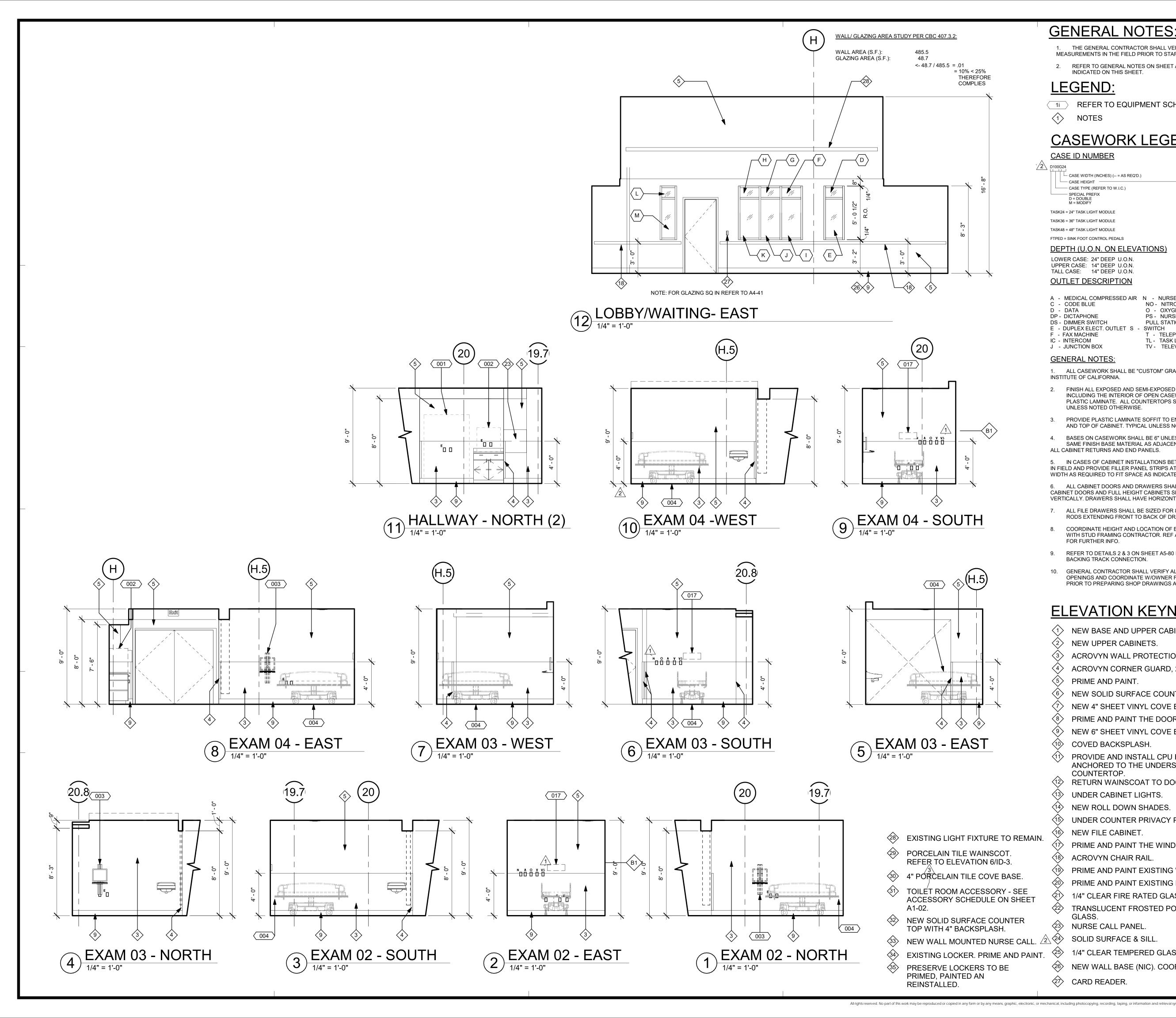
# TCMC EMERGENCY DEPARTMENT

#### TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056

OWNER:	TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056 TEL(760)724-8411
ARCHITECT:	SFEIR ARCHITECTS 1350 COLUMBIA STREET, SUITE 603 SAN DIEGO, CALIFORNIA 92101 TEL(619)299-3917 FAX(619)299-5084
STRUCTURAL:	SUN STRUCTURAL ENGINEERING, INC. 2091 LAS PALMAS DRIVE, SUITE D CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188
ME&P:	P2S 9665 CHESAPEAKE DRIVE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347 FAX(619)330-0668



A4-41



<u>GEI</u>	NER/	<u>AL N</u>	<u>IOT</u>	<u>ES:</u>

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.

#### <u>LEGEND:</u>

`/2`

(1) REFER TO EQUIPMENT SCHEDULE.  $\langle 1 \rangle$ NOTES

### CASEWORK LEGEND:

CASE ID NUMBER	<u>HEIGHT</u>	-
D100G24	NUMBER	HEIGHT
CASE WIDTH (INCHES) ( = AS REQ'D.) CASE HEIGHT CASE TYPE (REFER TO W.I.C.) SPECIAL PREFIX D = DOUBLE M = MODIFY	A B C D E	18" 24" 27" 30" 30"
TASK24 = 24" TASK LIGHT MODULE	F	33"
TASK36 = 36" TASK LIGHT MODULE	G H	36" 39"
TASK48 = 48" TASK LIGHT MODULE	J	42"
FTPED = SINK FOOT CONTROL PEDALS	K	48"
DEPTH (U.O.N. ON ELEVATIONS)	M	54" 72"
LOWER CASE: 24" DEEP U.O.N. UPPER CASE: 14" DEEP U.O.N. TALL CASE: 14" DEEP U.O.N.	N P Q	80" 86" 96"
OUTLET DESCRIPTION	R	AS REQ'D.
	<u> </u>	

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

#### GENERAL NOTES:

ALL CASEWORK SHALL BE "CUSTOM" GRADE AS DEFINED BY THE WOODWORK INSTITUTE OF CALIFORNIA.

- 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 NOTED OTHERWISE.
- PROVIDE PLASTIC LAMINATE SOFFIT TO ENCLOSE SPACE BETWEEN CEILING AND TOP OF CABINET. TYPICAL UNLESS NOTED OTHERWISE.
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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.

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- ALL FILE DRAWERS SHALL BE SIZED FOR 8 1/2"x 11" FORMS. PROVIDE FILE RODS EXTENDING FRONT TO BACK OF DRAWER UNIT, TYPICAL.
- COORDINATE HEIGHT AND LOCATION OF BACKING PLATES FOR CASEWOR WITH STUD FRAMING CONTRACTOR. REF ALSO TO DETAIL 10 ON SHEET S-1 FOR FURTHER INFO.
- REFER TO DETAILS 2 & 3 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.

### **ELEVATION KEYNOTES:**

- NEW BASE AND UPPER CABINETS. NEW UPPER CABINETS.
- ACROVYN WALL PROTECTION.
- ACROVYN CORNER GUARD, 2" X 2".
- > PRIME AND PAINT.
- NEW SOLID SURFACE COUNTER TOP.  $\langle 6 \rangle$
- NEW 4" SHEET VINYL COVE BASE.
- PRIME AND PAINT THE DOOR AND DOOR FRAMES.  $\langle 8 \rangle$
- NEW 6" SHEET VINYL COVE BASE.
- COVED BACKSPLASH. (10)
- PROVIDE AND INSTALL CPU HOLDER TO BE
- ANCHORED TO THE UNDERSIDE OF THE COUNTERTOP.
- (12) RETURN WAINSCOAT TO DOOR FRAME
- UNDER CABINET LIGHTS.
- NEW ROLL DOWN SHADES.
- (15) UNDER COUNTER PRIVACY PARTITION.
- NEW FILE CABINET.
- PRIME AND PAINT THE WINDOW FRAMES.
- (18) ACROVYN CHAIR RAIL.
- PRIME AND PAINT EXISTING WINDOW FRAMES.
- PRIME AND PAINT EXISTING DOOR AND DOOR FRAME. (20)
- 1/4" CLEAR FIRE RATED GLASS. FIRELITE PREMIUM.  $\sqrt{3}$
- <22> TRANSLUCENT FROSTED PORTION OF 1/4" FIRE RATED GLASS.
- NURSE CALL PANEL 2 24 SOLID SURFACE & SILL.
- ♦ 1/4" CLEAR TEMPERED GLASS. NEW WALL BASE (NIC). COORDINATE WITH OWNER. CARD READER.



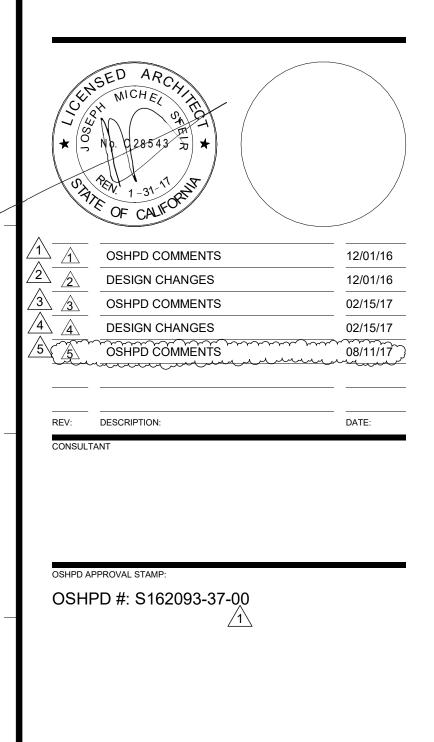
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P: 619-299-3917 F: 619-299-5084 www.sfeirarch.com

# TCMC EMERGENCY DEPARTMENT

#### **TRI-CITY MEDICAL** CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056

OWNER:	TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056 TEL(760)724-8411
ARCHITECT:	SFEIR ARCHITECTS 1350 COLUMBIA STREET, SUITE 603 SAN DIEGO, CALIFORNIA 92101 TEL(619)299-3917 FAX(619)299-5084
STRUCTURAL:	SUN STRUCTURAL ENGINEERING, INC. 2091 LAS PALMAS DRIVE, SUITE D CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188
ME&P:	P2S 9665 CHESAPEAKE DRIVE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347 FAX(619)330-0668



#### 1/4" INTERIOR ELEVATIONS

PROJECT TITLE TCMC EMERGENCY DEPARTMENT

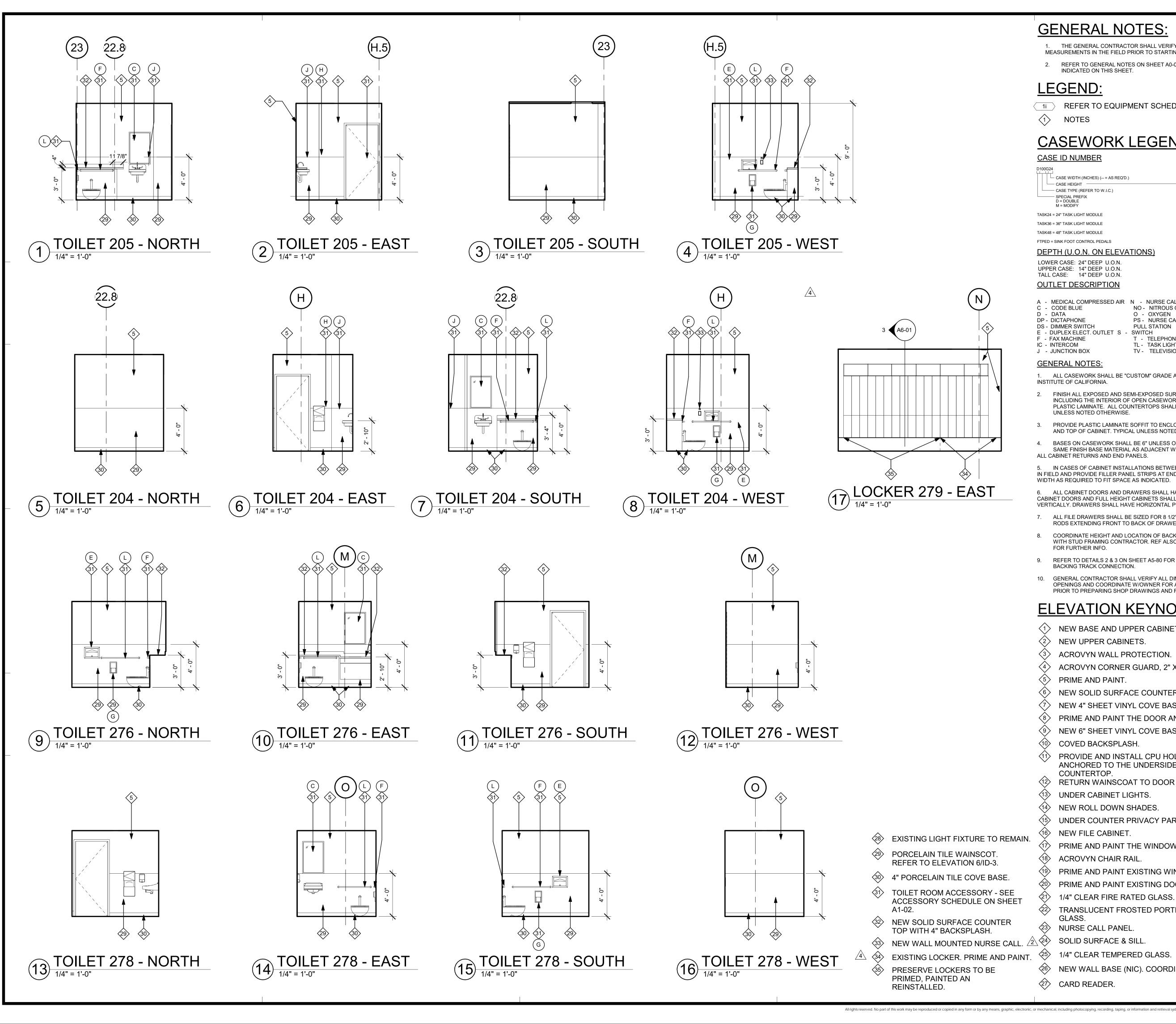
PROJECT #: 01593.00 DRAWN BY Author CHECKED BY Checker SCALE:

As indicated

DATE: 08/03/16

A4-42

SHEET NUMBER



- ACCESSORY SCHEDULE ON SHEET

THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.

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

#### LEGEND:

(1) REFER TO EQUIPMENT SCHEDULE.  $\langle 1 \rangle$ NOTES

### CASEWORK LEGEND:

CASE ID NUMBER	<u>HEIGHT</u>	- -
	NUMBER	HEIGHT
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	A B C D E F	18" 24" 27" 30" 30" 33"
TASK36 = 36" TASK LIGHT MODULE	G H	36" 39"
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FTPED = SINK FOOT CONTROL PEDALS	K	48"
DEPTH (U.O.N. ON ELEVATIONS)	M	54" 72"
LOWER CASE: 24" DEEP U.O.N. UPPER CASE: 14" DEEP U.O.N. TALL CASE: 14" DEEP U.O.N. OUTLET DESCRIPTION	N P Q R	80" 86" 96" AS REQ'D.
A - MEDICAL COMPRESSED AIR N - NURSE CALL C - CODE BLUE NO - NITROUS OX		ACUUM /C - VOLUME CONTROL

0	CODE DECE	110			
D -	DATA	0 - 0	OXYGEN	VS -	VACUUM SLIDE
DP -	DICTAPHONE	PS - I	NURSE CALL		
DS -	DIMMER SWITCH	PULL	STATION		
Ε-	DUPLEX ELECT. OUTLET S -	SWITC	н		
F -	FAX MACHINE	Т - Т	FELEPHONE		
IC -	INTERCOM	TL - 1	FASK LIGHT		
J -	JUNCTION BOX	TV -	TELEVISION		

#### **GENERAL NOTES:**

1. ALL CASEWORK SHALL BE "CUSTOM" GRADE AS DEFINED BY THE WOODWORK INSTITUTE OF CALIFORNIA.

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- 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.
- COORDINATE HEIGHT AND LOCATION OF BACKING PLATES FOR CASEWORK 8. WITH STUD FRAMING CONTRACTOR. REF ALSO TO DETAIL 10 ON SHEET S-1 FOR FURTHER INFO.
- REFER TO DETAILS 2 & 3 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.

### **ELEVATION KEYNOTES:**

$\langle 1 \rangle$	NEW BASE AND UPPER CABINETS.
	NEW UPPER CABINETS.
$\langle 3 \rangle$	ACROVYN WALL PROTECTION.
$\dot{4}$	ACROVYN CORNER GUARD, 2" X 2".
5	PRIME AND PAINT.
$\langle 6 \rangle$	NEW SOLID SURFACE COUNTER TOP.
$\langle 7 \rangle$	NEW 4" SHEET VINYL COVE BASE.
8	PRIME AND PAINT THE DOOR AND DOOR FRAMES.
9	NEW 6" SHEET VINYL COVE BASE.
(10)	COVED BACKSPLASH.
$\langle 1 \rangle$	PROVIDE AND INSTALL CPU HOLDER TO BE
	ANCHORED TO THE UNDERSIDE OF THE COUNTERTOP.
12	RETURN WAINSCOAT TO DOOR FRAME.
13	UNDER CABINET LIGHTS.
14	NEW ROLL DOWN SHADES.
(15)	UNDER COUNTER PRIVACY PARTITION.
(16)	NEW FILE CABINET.
<b>17</b>	PRIME AND PAINT THE WINDOW FRAMES.
	ACROVYN CHAIR RAIL.
(19)	PRIME AND PAINT EXISTING WINDOW FRAMES.
20	PRIME AND PAINT EXISTING DOOR AND DOOR FRAME.
21	1/4" CLEAR FIRE RATED GLASS. FIRELITE PREMIUM. $3$
22>	TRANSLUCENT FROSTED PORTION OF 1/4" FIRE RATED GLASS.
23	NURSE CALL PANEL.
2 24	SOLID SURFACE & SILL.
25	1/4" CLEAR TEMPERED GLASS.
26	NEW WALL BASE (NIC). COORDINATE WITH OWNER.

CARD F	REAL	)FR

27



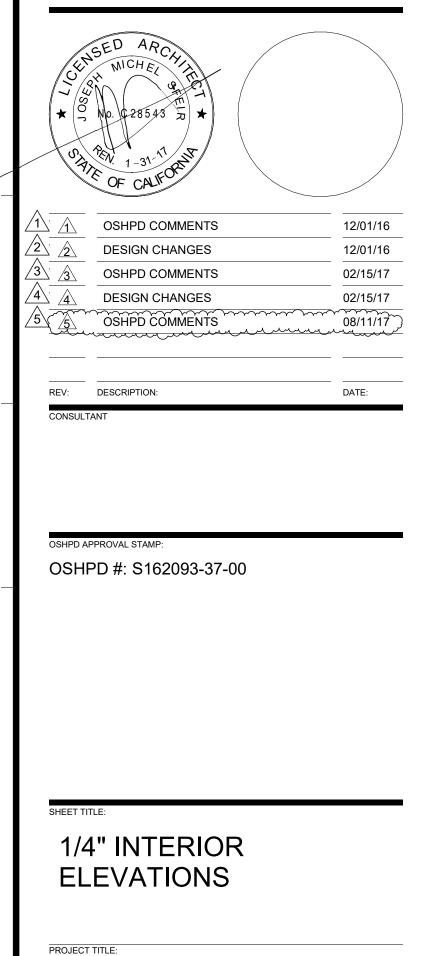
1350 Columbia Street, Suite 603 San Diego, CA 92101

P: 619-299-3917 F: 619-299-5084 www.sfeirarch.com

## TCMC EMERGENCY DEPARTMENT

#### **TRI-CITY MEDICAL** CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056

OWNER:	TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056 TEL(760)724-8411
ARCHITECT:	SFEIR ARCHITECTS 1350 COLUMBIA STREET, SUITE 603 SAN DIEGO, CALIFORNIA 92101 TEL(619)299-3917 FAX(619)299-5084
STRUCTURAL:	SUN STRUCTURAL ENGINEERING, INC. 2091 LAS PALMAS DRIVE, SUITE D CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188
ME&P:	P2S 9665 CHESAPEAKE DRIVE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347 FAX(619)330-0668



TCMC EMERGENCY DEPARTMENT

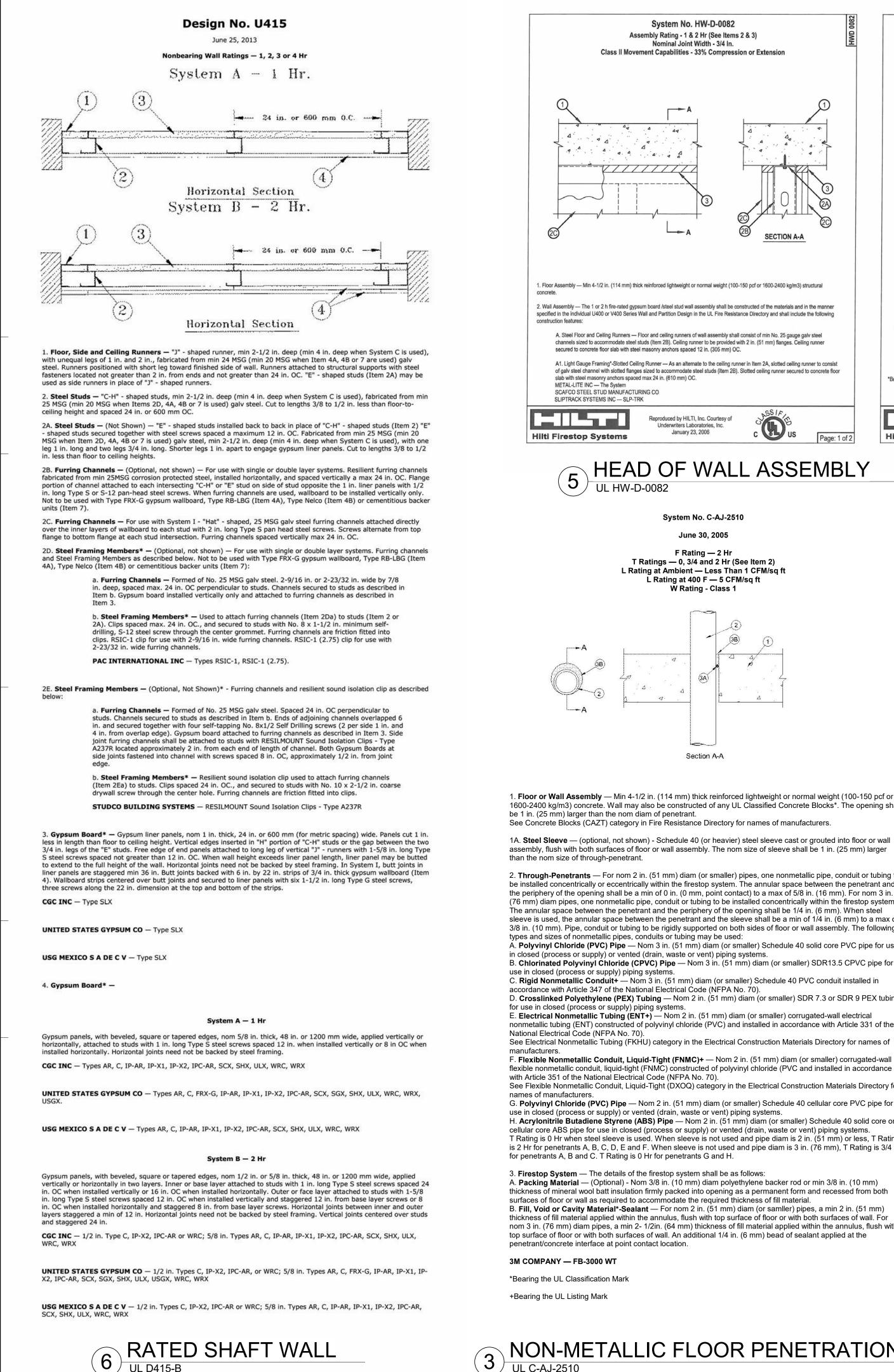
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PROJECT #: 01593.00 DRAWN BY Author CHECKED BY Checker SCALE:

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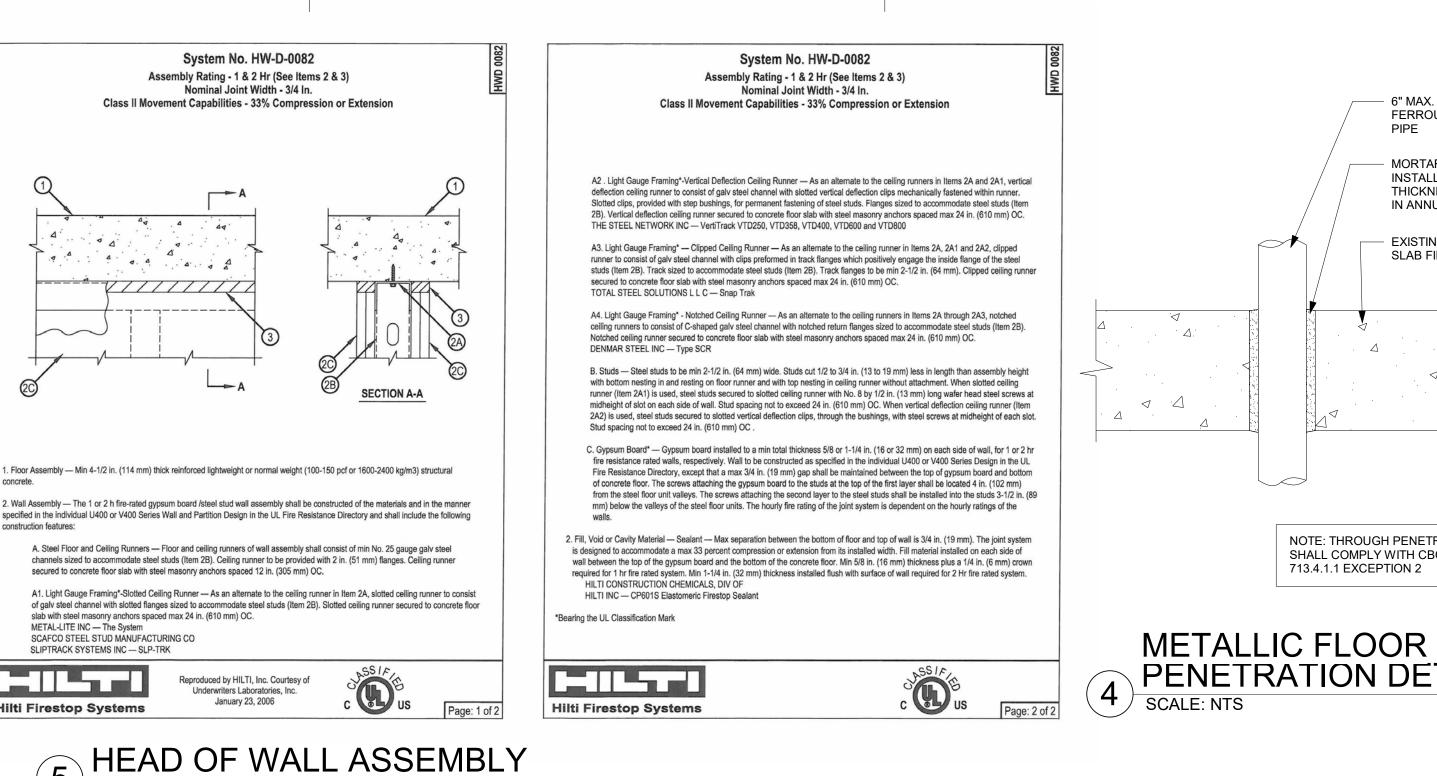
DATE: 08/03/16

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UL C-AJ-2510

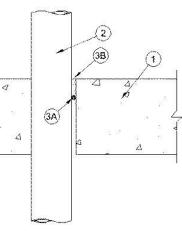


System No. C-AJ-2510

June 30, 2005

F Rating — 2 Hr

T Ratings — 0, 3/4 and 2 Hr (See Item 2) L Rating at Ambient — Less Than 1 CFM/sq ft L Rating at 400 F — 5 CFM/sq ft W Rating - Class 1



Section A-A

#### 1. Floor or Wall Assembly — Min 4-1/2 in. (114 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m3) concrete. Wall may also be constructed of any UL Classified Concrete Blocks\*. The opening shall

See Concrete Blocks (CAZT) category in Fire Resistance Directory for names of manufacturers.

1A. Steel Sleeve — (optional, not shown) - Schedule 40 (or heavier) steel sleeve cast or grouted into floor or wall assembly, flush with both surfaces of floor or wall assembly. The nom size of sleeve shall be 1 in. (25 mm) larger

2. Through-Penetrants — For nom 2 in. (51 mm) diam (or smaller) pipes, one nonmetallic pipe, conduit or tubing to be installed concentrically or eccentrically within the firestop system. The annular space between the penetrant and the periphery of the opening shall be a min of 0 in. (0 mm, point contact) to a max of 5/8 in. (16 mm). For nom 3 in. (76 mm) diam pipes, one nonmetallic pipe, conduit or tubing to be installed concentrically within the firestop system. The annular space between the penetrant and the periphery of the opening shall be 1/4 in. (6 mm). When steel sleeve is used, the annular space between the penetrant and the sleeve shall be a min of 1/4 in. (6 mm) to a max of 3/8 in. (10 mm). Pipe, conduit or tubing to be rigidly supported on both sides of floor or wall assembly. The following

A. Polyvinyl Chloride (PVC) Pipe — Nom 3 in. (51 mm) diam (or smaller) Schedule 40 solid core PVC pipe for use in closed (process or supply) or vented (drain, waste or vent) piping systems. B. Chlorinated Polyvinyl Chloride (CPVC) Pipe — Nom 3 in. (51 mm) diam (or smaller) SDR13.5 CPVC pipe for

C. Rigid Nonmetallic Conduit+ — Nom 3 in. (51 mm) diam (or smaller) Schedule 40 PVC conduit installed in

D. Crosslinked Polyethylene (PEX) Tubing — Nom 2 in. (51 mm) diam (or smaller) SDR 7.3 or SDR 9 PEX tubing E. Electrical Nonmetallic Tubing (ENT+) — Nom 2 in. (51 mm) diam (or smaller) corrugated-wall electrical

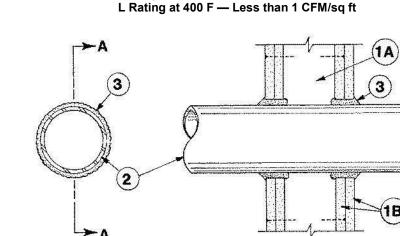
nonmetallic tubing (ENT) constructed of polyvinyl chloride (PVC) and installed in accordance with Article 331 of the

F. Flexible Nonmetallic Conduit, Liquid-Tight (FNMC)+ — Nom 2 in. (51 mm) diam (or smaller) corrugated-wall flexible nonmetallic conduit, liquid-tight (FNMC) constructed of polyvinyl chloride (PVC and installed in accordance

See Flexible Nonmetallic Conduit, Liquid-Tight (DXOQ) category in the Electrical Construction Materials Directory for G. Polyvinyl Chloride (PVC) Pipe — Nom 2 in. (51 mm) diam (or smaller) Schedule 40 cellular core PVC pipe for

use in closed (process or supply) or vented (drain, waste or vent) piping systems. H. Acrylonitrile Butadiene Styrene (ABS) Pipe — Nom 2 in. (51 mm) diam (or smaller) Schedule 40 solid core or cellular core ABS pipe for use in closed (process or supply) or vented (drain, waste or vent) piping systems. T Rating is 0 Hr when steel sleeve is used. When sleeve is not used and pipe diam is 2 in. (51 mm) or less, T Rating is 2 Hr for penetrants A, B, C, D, E and F. When sleeve is not used and pipe diam is 3 in. (76 mm), T Rating is 3/4 Hr

A. Packing Material — (Optional) - Nom 3/8 in. (10 mm) diam polyethylene backer rod or min 3/8 in. (10 mm) thickness of mineral wool batt insulation firmly packed into opening as a permanent form and recessed from both surfaces of floor or wall as required to accommodate the required thickness of fill material. B. Fill, Void or Cavity Material\*-Sealant — For nom 2 in. (51 mm) diam (or samller) pipes, a min 2 in. (51 mm) thickness of fill material applied within the annulus, flush with top surface of floor or with both surfaces of wall. For nom 3 in. (76 mm) diam pipes, a min 2- 1/2in. (64 mm) thickness of fill material applied within the annulus, flush with top surface of floor or with both surfaces of wall. An additional 1/4 in. (6 mm) bead of sealant applied at the



System No. W-L-1001

June 15, 2005

F Ratings - 1, 2, 3 and 4 Hr (See Items 2 and 3)

T Ratings — 0, 1, 2, 3, and 4 Hr (See Item 3)

L Rating at Ambient — Less than 1 CFM/sq f

SECTION A-A

1. Wall Assembly — The 1, 2, 3 or 4 hr fire-rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner d in the individual U300 or U400 Series Wall or Partition Designs in the UL Fire Resistance Directory and shall include the following construction fea

A. Studs — Wall framing may consist of either wood studs (max 2 h fire rated assemblies) or steel channel studs. Wood studs to consist of nom 2 (51 by 102 mm) lumber spaced 16 in. (406 mm) OC with nom 2 by 4 in. (51 by 102 mm) lumber end plates and cross braces. Steel studs to be 3-5/8 in. (92 mm) wide by 1-3/8 in. (35 mm) deep channels spaced max 24 in. (610 mm) OC.

B. Gypsum Board\* — Nom 1/2 or 5/8 in. (13 or 16 mm) thick, 4 ft. (122 cm) wide with square or tapered edges. The gypsum wallboard type, thickr number of layers, fastener type and sheet orientation shall be as specified in the individual U300 or U400 Series Design in the UL Fire Resistance Directory. Max diam of opening is 26 in. (660 mm).

2. Through-Penetrant — One metallic pipe, conduit or tubing installed either concentrically or eccentrically within the firestop system. The annular between pipe, conduit or tubing and periphery of opening shall be min of 0 in / (0 mm). (point contact) to max 2 in. (51 mm) Pipe conduit or tubing rigidly supported on both sides of wall assembly. The following types and sizes of metallic pipes, conduits or tubing may be used:

A. Steel Pipe — Nom 24 in. (610 mm) diam (or smaller) Schedule 10 (or heavier) steel pipe.

B. Iron Pipe — Nom 24 in. (610 mm) diam (or smaller) service weight (or heavier) cast iron soil pipe, nom 12 in (305 mm) diam (or smaller) or Cla heavier) ductile iron pressure pipe.

C. Conduit — Nom 6 in. (152 mm) diam (or smaller) steel conduit or nom 4 in (102 mm) diam (or smaller) steel electrical metallic tubing

D. Copper Tubing — Nom 6 in. (152 mm) diam (or smaller) Type L (or heavier) copper tubing

E. Copper Pipe — Nom 6 in. (152 mm) diam (or smaller) Regular (or heavier) copper pipe.

F. Through Penetrating Product\* — Flexible Metal Piping The following types of steel flexible metal gas piping may be used:

1. Nom 2 in. (51 mm) diam (or smaller) steel flexible metal gas piping. Plastic covering on piping may or may not be removed on both sides of floo assembly

#### OMEGA FLEX INC

2. Nom 1 in. (25 mm) diam (or smaller) steel flexible metal gas piping. Plastic covering on piping may or may not be removed on both sides of floo assembly.

#### GASTITE, DIV OF TITEFLEX

3. Nom 1 in. (25 mm) diam (or smaller) steel flexible metal gas piping. Plastic covering on piping may or may not be removed on both sides of floor assembly.

#### WARD MFG L L C

3. Fill, Void or Cavity Material\* — Caulk or Sealant — Min 5/8., 1-1/4,1-7/8 and 2-1/2 in. (16, 32, 48 and 64 mm) thickness of caulk for 1, 2, 3 and rated assemblies, respectively, applied within annulus, flush with both surfaces of wall. Min 1/4 in. (6 mm) diam bead of caulk applied to gypsum board/penetrant interface at point contact location on both sides of wall. The hourly F Rating of the firestop system is dependent upon the hourly fi of the wall assembly in which it is installed, as shown in the following table. The hourly T Rating of the firestop system is dependent upon the type of the pipe or conduit and the hourly fire rating of the wall assembly in which it is installed, as tabulated below:

	Max Pipe or Conduit Diam In (mm)	F Rating Hr	T Rating Hr
	1(25)	1 or 2	0+, 1 or 2
	1(25)	3 or 4	3 or 4
	4(102)	l or 2 0	
	6(152) 3	3 or 4 0	
+When copper pipe is used,	ΓRating is 0 h.	1 0	
3M COMPANY — CP 25WB	<del>12(305)</del> + or FB-3000 WT.	1 or 2	0

\*Bearing the UL Classification Mark

### NON-METALLIC FLOOR PENETRATION

# 2 METALLIC WALL PENETRATION UL W-L-1001

I	and with the and the state of the	
DIA. STEEL,	Design No. U419 Nonbearing Wall Ratings — 1, 2, 3 or 4 Hr (See Items 3 & 4)	А
US OR COPPER	For Number of Layers and Hourly Ratings See Item 4	1: S
R OR GROUT LED FULL IESS OF SLAB ULAR SPACE		P
IG CONCRETE IRE RATED	(3) (3) (2) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	W
	<ol> <li>Floor and Ceiling Runners — (Not shown) — Channel shaped, fabri- cated from min 25 MSG corrosion-protected steel, min width to accom- modate stud size, with min 1 in. long legs, attached to floor and ceiling</li> </ol>	Ι -
	<ol> <li>Steel Studs — Channel shaped, fabricated from min 25 MSG corrosion-protected steel, min width as indicated under Item 4, min</li> </ol>	╏╒
	<ol> <li>1-1/4 in. flanges and 1/4 in. return, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height.</li> <li>Batts and Blankets* — (Required as indicated under Item 4) — Mineral wool batts, friction fitted between studs and runners. Min nom</li> </ol>	
	<ul> <li>thickness as indicated under Item 4. See Batts and Blankets (BKNV or BZJZ) Categories for names of Classified companies.</li> <li>3A. Batts and Blankets* — (Optional) — Placed in stud cavities, any glass</li> </ul>	╏└
	fiber or mineral wool insulation bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance. See Batts and Blankets (BKNV or BZJZ) Categories for names of Classified com- panies.	
RATION C	4. Gypsum Board* — Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Vertical joints in adjacent layers (multilayer systems) staggered one stud cavity.	Т
	Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered. Horizontal edge joints and horizontal butt joints in adjacent	C 40
TAIL	layers (multilayer systems) staggered a min of 12 in. The thickness and number of layers for the 1, hr, 2 hr, 3 hr and 4 hr ratings are as follows: Wallboard Protection on Each Side of Wall	0
	Rating Min Stud No. of Layers Min Thkns Depth & Thkns of Insulation of Panel (Item 3) 1 3-1/2 1 layer, 5/8 in. Optional	92
	1 2-1/2 1 layer, 1/2 in. thick	ow
	1 1-5/8 1 layer, 3/4 in. Optional thick 2 1-5/8 2 layers, 1/2 in. Optional thick	AR
	2 1-5/8 2 layers, 5/8 in. Optional thick 2 3-1/2 1 layer, 3/4 in. 3 in. thick	7.0.00
	3 1-5/8 3 layers, 1/2 in. Optional thick	STF
	3 1-5/8 2 layers, 3/4 in. Optional	
	4 1-5/8 4 layers, 5/8 in. Optional	ME
	4 1-5/8 4 layers, 1/2 in. Optional thick 4 2-1/2 2 layers, 3/4 in. thick	
	CANADIAN GYPSUM COMPANY —1/2 in. thick Type C, IP-X2 or IPC-AR; WRC, 5/8 in. thick Type AR, C, IP-AR, IP-X1,	
	IP-X2, IPC-AR, SCX, SHX, WRX or WŔĊ; 3/4 in. thick Type IP-X3, ULTRACODE, ULTRACODE SHC or ULTRACODE WRC.	
	UNITED STATES GYPSUM CO —1/2 in. thick Type C, IP-X2, IPC-AR or WRC; 5/8 in. thick Type SCX, SHX, WRX, IP-X1, AR, C, WRC, FRX-G, IP-AR, IP-X2, IPC-AR; 3/4 in. thick Type IP-X3, ULTRACODE, ULTRACODE SHC or ULTRACODE	
lescribed atures:	WRC. USG MEXICO S A DE C V —1/2 in. thick Type C, IP-X2, IPC-AR or WRC; 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2,	*
2 by 4 in. e min	IPC-AR, SCX, SHX, WRX, WRC or; 3/4 in. thick Type IP-X3, ULTRACODE, ULTRACODE SHC or ULTRACODE WRC. 4A. <b>Gypsum Board*</b> — (As an alternate to Item 4) — 5/8 in. thick, 2 ft. wide, tongue and groove edge, applied horizontally as the outer layer —	
kness,	to one side of the assembly. Secured as described in Item 5. Joint cover- ing (Item 7) not required. CANADIAN GYPSUM COMPANY — Type SHX.	
r space to be	<ul> <li>UNITED STATES GYPSUM CO —Type SHX.</li> <li>USG MEXICO S A DE C V — Type SHX.</li> <li>5. Fasteners — (Not shown) — Type S or S-12 steel screws used to attach panels to studs (Item 2) or furring channels (Item 6). Single layer sys-</li> </ul>	
	tems: 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 8 in. OC when panels are applied horizon-tally, or 8 in. OC along vertical and bottom edges and 12 in. OC in the	
ass 50 (or	field when panels are applied vertically. Two layer systems: First layer- 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC. Second layer- 1-5/8 in: long for 1/2 in., 5/8 in thick panels or 2.1/4 in long for 2/4 in thick panels spaced 16	
	5/8 in. thick panels or 2-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC with screws offset 8 in. from first layer.Three-layer systems: First layer- 1 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels, spaced 24	REV:
	in. OC. Third layer- 2-1/4 in. long for 1/2 in., 5/8 in. thick panels or 2-5/8 in. long for 5/8 in. thick panels, spaced 12 in. OC. Screws offset min 6 in. from layer below. Four-layer systems: First layer- 1 in. long	
or or wall	for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Third layer- 2-1/4 in. long for 1/2 in. thick panels or 2-5/8 in. long for 5/8 in. thick panels, spaced 24 in. OC. Fourth layer- 2-5/8 in. long for 1/2 in. thick	
or or wall	<ul> <li>panels or 3 in. long for 5/8 in. thick panels, spaced 12 in. OC. Screws offset min 6 in. from layer below.</li> <li>6. Furring Channels — (Optional, not shown, for single or double layer</li> </ul>	OSHI OS
	systems) — Resilient furring channels fabricated from min 25 MSG — corrosion-protected steel, spaced vertically a max of 24 in. OC. Flange portion attached to each intersecting stud with 1/2 in. long Type S-12	
or or wall	<ul> <li>steel screws. Not for use with Item 4A.</li> <li>6A. Steel Framing Members (Not Shown)* — (Optional on one or both sides, not shown, for single or double layer systems) — As an alternate</li> </ul>	
	to Item 6, furring channels and Steel Framing Members as described below: a. Furring Channels — Formed of No. 25 MSG galv steel. 2-3/8 in.	
nd 4 hr ire rating or size of	wide by 7/8 in. deep, spaced max. 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Gypsum board attached to furring channels as described in Item 5. Not for	
	use with Item 4A. b. Steel Framing Members* — Used to attach furring channels (Item 6a) to studs (Item 2). Clips spaced max. 48 in. OC., and secured to studs with No. 8 x 1-1/2 in. minimum self-drilling,	
	S-12 steel screw through the center grommet. Furring channels are friction fitted into clips. PAC INTERNATIONAL INC —Type RSIC-1.	SHE
	<ol> <li>Joint Tape and Compound — Vinyl or casein, dry or premixed joint compound applied in two coats to joints and screw heads of outer lay- ers. Paper tape, nom 2 in. wide, embedded in first layer of compound</li> </ol>	F A
	<ul> <li>over all joints of outer layer panels. Paper tape and joint compound may be omitted when gypsum panels are supplied with a square edge.</li> <li>8. Siding, Brick or Stucco — (Optional, not shown) — Aluminum, vinyl.</li> </ul>	,
	or steel siding, brick veneer or stucco, meeting the requirements of local code agencies, installed over gypsum panels. Brick veneer attached to studs with corrugated metal wall ties attached to each stud	
	<ul> <li>with steel screws, not more than each sixth course of brick.</li> <li>9. Caulking and Sealants* — (Optional, not shown) — A bead of acoustical sealant applied around the partition perimeter for sound control. UNITED STATES GYPSUM CO —Type AS</li> </ul>	PRO
	*Bearing the UL Classification Mark	015 DRAV AR
		CHE JS SCAI
	↓ UL D419	DATE

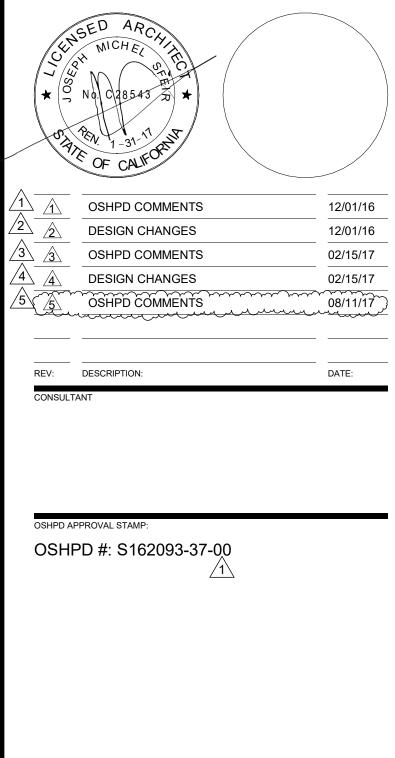
## CHITECTS 350 Columbia Street. Suite 603 San Diego, CA 92101

619-299-3917 619-299-5084 /ww.sfeirarch.com

# EMERGENCY DEPARTMENT

#### RI-CITY MEDICAL CENTER 002 VISTA WAY DCEANSIDE, CALIFORNIA 2056

OWNER:	TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056 TEL(760)724-8411
ARCHITECT:	SFEIR ARCHITECTS 1350 COLUMBIA STREET, SUITE 603 SAN DIEGO, CALIFORNIA 92101 TEL(619)299-3917 FAX(619)299-5084
STRUCTURAL:	SUN STRUCTURAL ENGINEERING, INC. 2091 LAS PALMAS DRIVE, SUITE D CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188
ME&P:	P2S 9665 CHESAPEAKE DRIVE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347 FAX(619)330-0668



FIRE RATED ASSEMBLIES

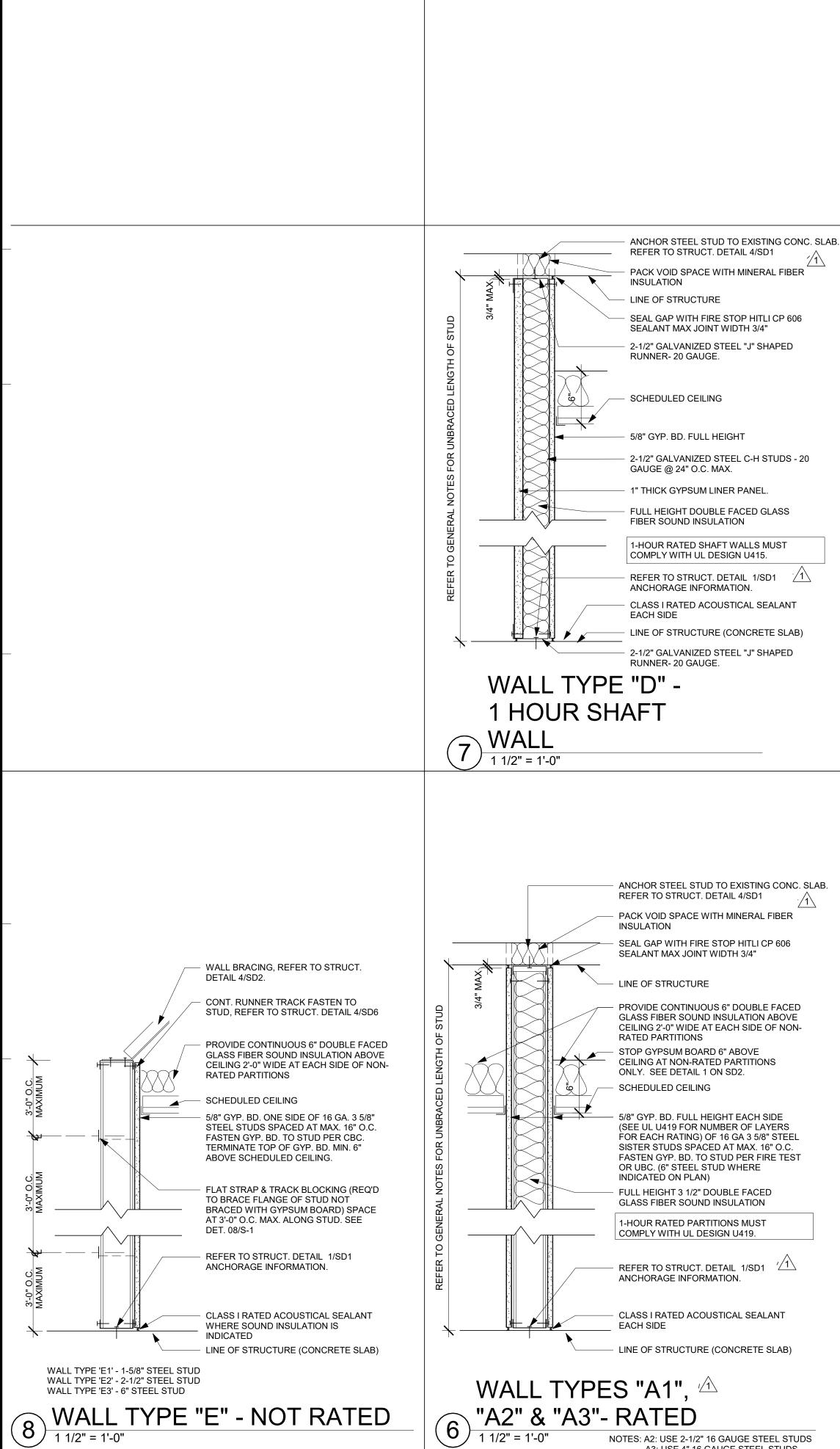
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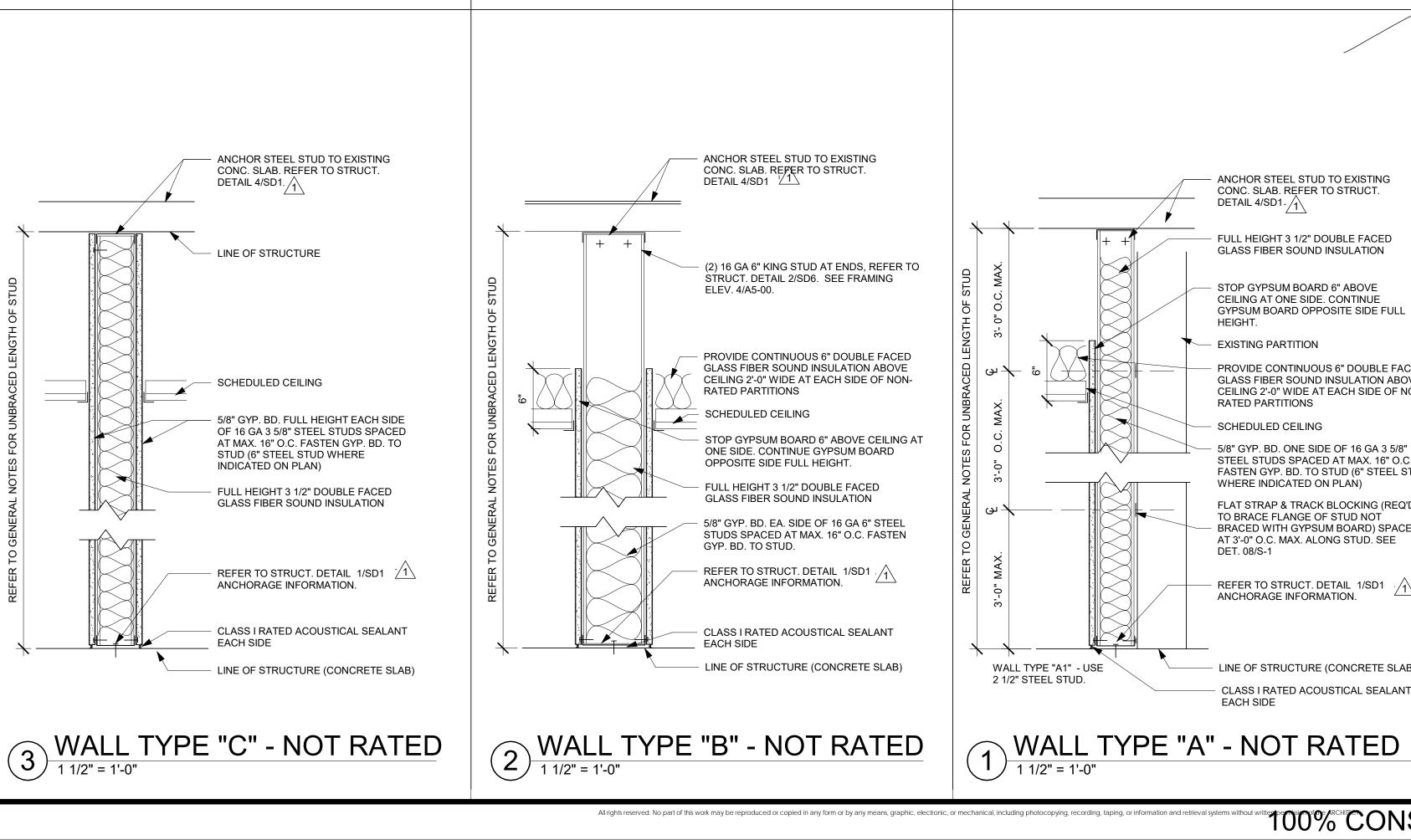
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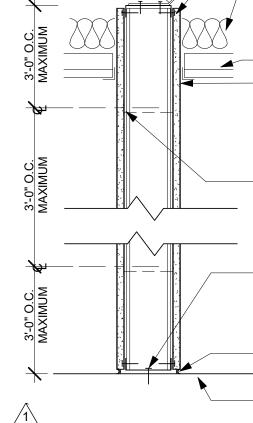


SHEET NUMBER





#### LINE OF STRUCTURE (CONCRETE SLAB) <u>∕1∖</u> $(5) \frac{\text{WALL TYPE "B1" - NOT RATED}}{1 \frac{1}{2"} = \frac{1}{0"}} (4) \frac{\text{WALL TYPE "W1" - NOT RATED}}{1 \frac{1}{2"} = \frac{1}{0"}}$



#### CLASS I RATED ACOUSTICAL SEALANT WHERE SOUND INSULATION IS INDICATED

REFER TO STRUCT. DETAIL 1/SD1 //1 ANCHORAGE INFORMATION.

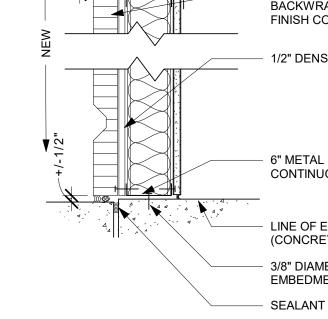
FLAT STRAP & TRACK BLOCKING (REQ'D TO BRACE FLANGE OF STUD NOT BRACED WITH GYPSUM BOARD) SPACE AT 3'-0" O.C. MAX. ALONG STUD. SEE DET. 08/S-1

SCHEDULED CEILING 5/8" GYP. BD. ONE SIDE OF 16 GA. 3 5/8" STEEL STUDS SPACED AT MAX. 16" O.C. FASTEN GYP. BD. TO STUD PER CBC. TERMINATE TOP OF GYP. BD. MIN. 6" ABOVE SCHEDULED CEILING.

PROVIDE CONTINUOUS 6" DOUBLE FACED GLASS FIBER SOUND INSULATION ABOVE CEILING 2'-0" WIDE AT EACH SIDE OF NON-RATED PARTITIONS

CONT. RUNNER TRACK FASTEN TO STUD, REFER TO STRUCT. DETAIL 4/SD6

WALL BRACING, REFER TO STRUCT. DETAIL 4/SD2.



LINE OF EXISTING STRUCTURE (CONCRETE SLAB) 3/8" DIAMETER HILTI KB-TZ WITH 2"  $\frac{1}{1}$ EMBEDMENT AT 16" O.C.

6" METAL STUD, 18 GAUGE ON CONTINUOUS BEAD OF SEALANT.

- 1/2" DENS GLASS

EXTERIOR INSULATION FINISH SYSTEM. BACKWRAP REINFORCING MESH & FINISH COAT MIN. 3"

- CONTROL JOINT

EXTERIOR INSULATION FINISH SYSTEM REINFORCED CEMEMNTITOUS FINISH COAT ON POLYSTYRENE INSULATION ON 1/2" TYPE 'X' GYPSUM SHEATHING (TAPE JOINTS) ON 6" - 18 GAUGE GALVANIZED STEEL STUDS @ 1'-4" O.C.

A3: USE 4" 16 GAUGE STEEL STUDS

### **GENERAL NOTES:**

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 NOTES FOR PARTITIONS:**

- ALL GYP. BOARD SHALL BE TYPE 'X'. REFER TO FLOOR PLAN FOR LOCATION OF WALL TYPES.
- REFER TO THE INTERIOR DESIGN SHEET AND RELATED DETAILS FOR FINISHES REQUIRED AND TO THE MANUFACTURER FOR SURFACE PREP. REQUIREMENTS.
- REFER TO THE FLOOR PLAN, INTERIOR ELEVATIONS, DETAILS, MECHANICAL, PLUMBING, AND ELECTRICAL PLANS FOR WALL BACKING REQUIREMENTS AND IN WALL UTILITIES.
- ALL DOOR JAMBS AND OPENINGS SHALL BE DOUBLE STUDDED WITH 16 GA.STUDS EXTENDED TO STRUCTURE ABOVE REFER TO 4/A5-00 WHERE STUDS CANNOT EXTEND TO STRUCTURE ABOVE DUE TO OBSTRUCTIONS, BRACE PER DETAIL 5/A5-00 FRAME ALL OPENINGS PER HEADER DETAILS 5 AND 6 ON A6-00.
- PROVIDE 6" STEEL STUDS AT ALL WALLS AND/OR WALLS WHERE RECESSED ELECTRICAL PANELS OR FIRE EXTINGUISHER CABINETS ARE LOCATED UNLESS NOTED OTHERWISE. COORDINATE WITH RELATED SUB-CONTRACTORS.
- PROVIDE STEEL TRACK BACKING AT ALL WALL MOUNTED DOOR STOPS. REFER 10/S-1.
- ALL STUDS SUPPORTING WALL HUNG CABINETS SHALL BE MIN. 16 GAISTUDS SPACED AT 16" O.C. MAXIMUM. REFER TO DETAILS 05 AND 09/A5-80 FOR REQUIRED BACKING MATERIAL AND CONNECTION.
- ALL RATED WALLS (FIRE AND SMOKE) SHALL BE CONSTRUCTED SO THAT SECONDARY ALLS DO NOT PENETRATE SYSTEM. ALL PENETRATIONS SHALL BE SEALED W/ UL LISTED FIRE STOP SEALANT, UL LISTED ASSEMBLIES OR APPROVED EQUAL.
- SUBMITTAL FOR WALL MATERIALS SHALL BE PROVIDED TO SUBSTANTIATE THE PROPOSED MATERIALS HAVE BEEN TESTED BY A RECOGNIZED TESTING AGENCY THE REQUIRED RATINGS AND PERFORMANCE LEVELS OF THE SPECIFIED MATERIALS.
- 10. ALL PENETRATIONS IN RATED WALLS OVER 16 SQ. INCHES SHALL BE BACK WRAPPED WITH 5/8" TYPE 'X' GYP. BD. UNPROTECTED PENETRATIONS UNDER 16 SQ. INCHES SHALL NOT EXCEED 100 SQ. INCHES TOTAL FOR EACH 100 SQ. FEET OF WALL AREA. WHERE SUCH UNPROTECTED OPENINGS OCCUR ON OPPOSITE SIDES OF THE WALL SEPARATE THESE OPENINGS BY MIN. 24 INCHES.
- 11. DOOR OPENINGS SHALL BE PROTECTED BY A U.L. LISTED (OR EQUAL) DOOR AND DOOR FRAME. ALL RATED DOORS SHALL BE POSITIVE LATCHING, AUTOMATIC CLOSING AND GASKETED TO PREVENT THE PASSAGE OF SMOKE. DOORS EQUIPPED OPEN DEVICE SHALL BE INTERCONNECTED TO THE FIRE ALARM WHICH WITH A HOLD SHALL CLOSE THE DOOR UPON ACTIVATION.
- 12. COMPLY WITH THE FOLLOWING I.C.C. REPORTS: "CEMCO"- I.C.C. #ER-3403P (STUDS AND TRACKS) "ITW RAMSET/REDHEAD"- I.C.C. #1639

REFER TO THE FOLLOWING TABLE FOR ALLOWABLE WALL HEIGHTS, HEIGHTS ARE FOR NON-LOAD BEARING STEEL STUDS USED FOR INTERIOR PARTITIONS WITH BOTH FLANGES OF STUDS CONTINUOUSLY BRACED WITH GYP. BOARD OR FLAT STRAPS. ALLOWABLE HEIGHTS ARE THOSE LISTED WITHIN THE I.C.C. REPORT. BRACE ALL STUDS AS REQUIRED SO AS NOT TO EXCEED THOSE ALLOWED HEIGHTS SET BY THE MFR. AND THE I.C.C. REPORT. SUBMIT FOR APPROVAL, CURRENT I.C.C. REPORT.

<u>STUD</u>	DESIGNATION	<u>MA) 16" O.C.</u>	<u>XIMUM HEIGHT</u> 24" O.C.	REMARKS
3 5/8"-18	GA. 362S200	16'-1"	14'-1"	INTERIOR ONLY
6"-16 GA.	600S200	24'-1"	21'-1"	INTERIOR ONLY

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WALL TYPE "A1" - USE

2 1/2" STEEL STUD.

ANCHOR STEEL STUD TO EXISTING CONC. SLAB. REFER TO STRUCT. DETAIL 4/SD1-

FULL HEIGHT 3 1/2" DOUBLE FACED GLASS FIBER SOUND INSULATION

STOP GYPSUM BOARD 6" ABOVE CEILING AT ONE SIDE. CONTINUE GYPSUM BOARD OPPOSITE SIDE FULL HEIGHT.

EXISTING PARTITION

**PROVIDE CONTINUOUS 6" DOUBLE FACED** GLASS FIBER SOUND INSULATION ABOVE CEILING 2'-0" WIDE AT EACH SIDE OF NON-RATED PARTITIONS

SCHEDULED CEILING

5/8" GYP. BD. ONE SIDE OF 16 GA 3 5/8" STEEL STUDS SPACED AT MAX. 16" O.C. FASTEN GYP. BD. TO STUD (6" STEEL STUD WHERE INDICATED ON PLAN)

FLAT STRAP & TRACK BLOCKING (REQ'D TO BRACE FLANGE OF STUD NOT BRACED WITH GYPSUM BOARD) SPACE

AT 3'-0" O.C. MAX. ALONG STUD. SEE DET. 08/S-1

REFER TO STRUCT. DETAIL 1/SD1 ANCHORAGE INFORMATION.

LINE OF STRUCTURE (CONCRETE SLAB) CLASS I RATED ACOUSTICAL SEALANT

EACH SIDE



1350 Columbia Street, Suite 603 San Diego, CA 92101

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# TCMC EMERGENCY DEPARTMENT

#### **TRI-CITY MEDICAL** CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056

OWNER:	TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056 TEL(760)724-8411
ARCHITECT:	SFEIR ARCHITECTS 1350 COLUMBIA STREET, SUITE 603 SAN DIEGO, CALIFORNIA 92101 TEL(619)299-3917 FAX(619)299-5084
STRUCTURAL:	SUN STRUCTURAL ENGINEERING, INC. 2091 LAS PALMAS DRIVE, SUITE D CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188
ME&P:	P2S 9665 CHESAPEAKE DRIVE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347 FAX(619)330-0668



DATE:

SHPD APPROVAL STAMP OSHPD #: S162093-37-00

REV: DESCRIPTION:

**TYPICAL RATED PARTITION ASSEMBLIES** 

PROJECT TITLE: TCMC EMERGENCY DEPARTMENT

SHEET NUMBER:

A5-01

TO CONSTRUCTION DOCUMENTS

PROJECT #:

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CHECKED BY

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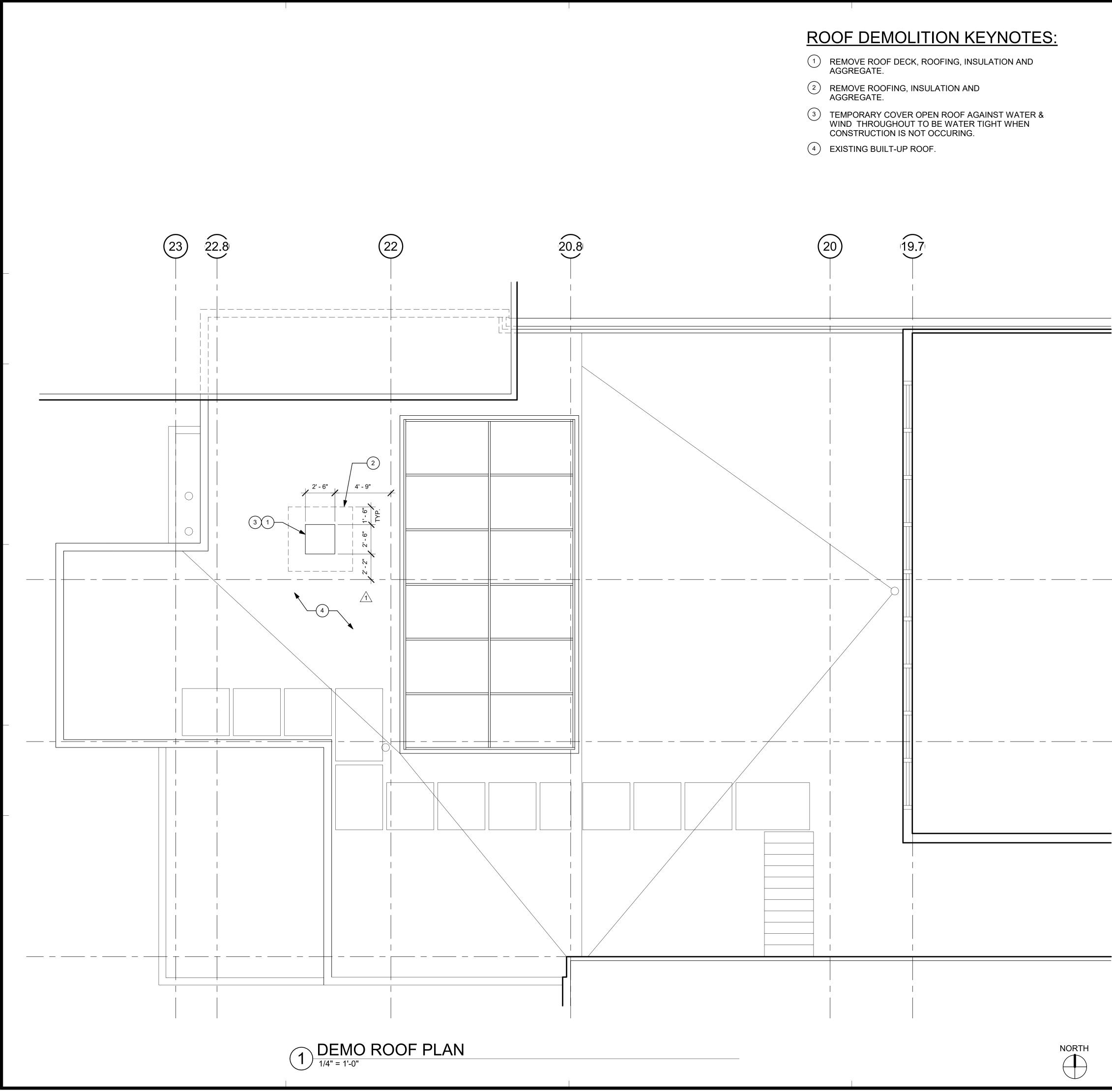
08/03/16

DRAWN BY

Author

SCALE: As indicated

DATE:



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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.



1350 Columbia Street, Suite 603 San Diego, CA 92101

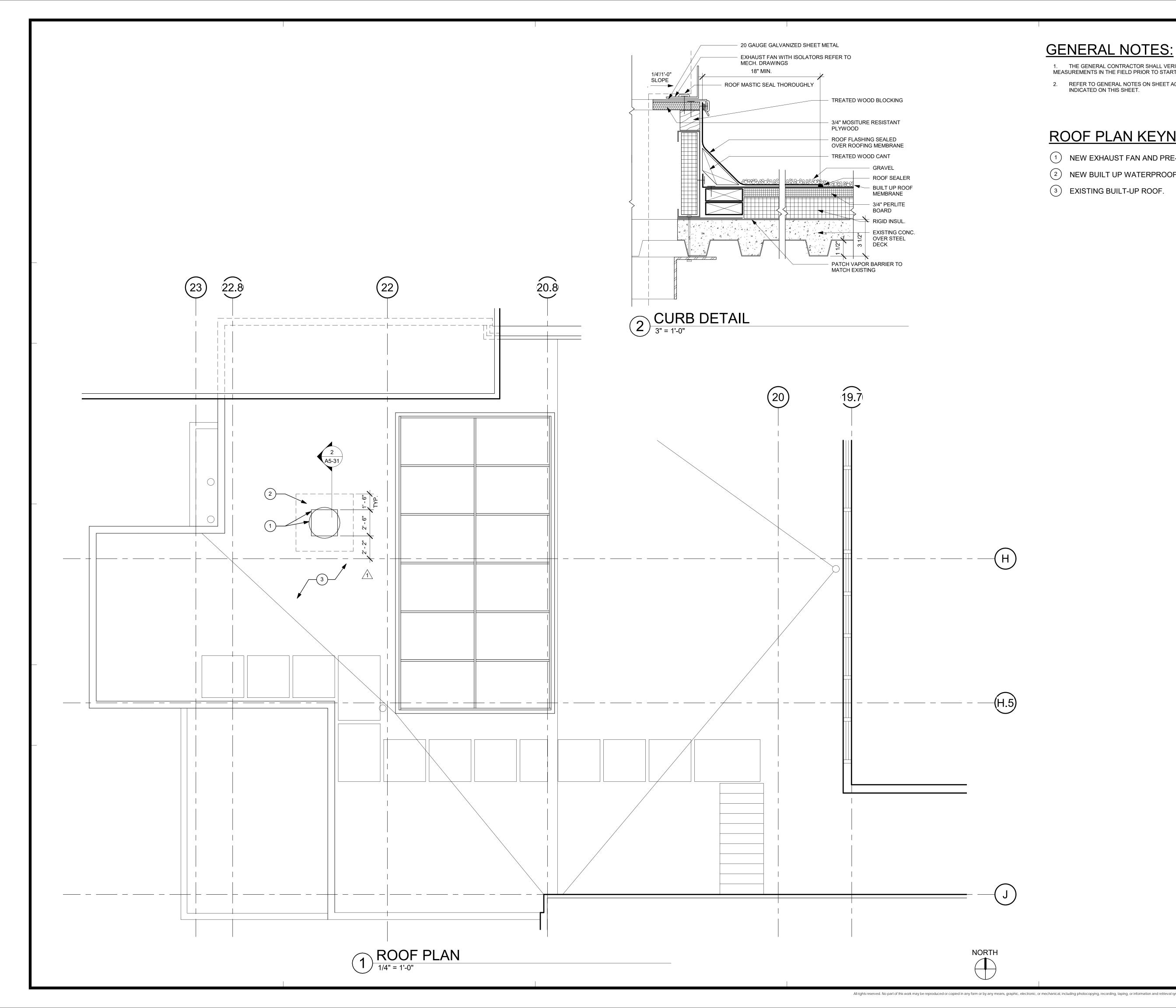
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# TCMC EMERGENCY DEPARTMENT

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ME&P:	P2S 9665 CHESAPEAKE DRIVE, SUIT SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347 FAX(619)330-1	
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CONSULTANT		
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1/4" P/ ROOF	ARTIAL DEMO PLAN	
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PROJECT #: 01593.00 DRAWN BY: AR	SHEET NUMBER:	$\mathbf{\hat{\mathbf{A}}}$
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DATE: 08/03/16



1. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.

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

### ROOF PLAN KEYNOTES:

- (1) NEW EXHAUST FAN AND PRE-MANUFACTURED CURB.
- 2 NEW BUILT UP WATERPROOF ROOFING MEMBRANE.
- 3 EXISTING BUILT-UP ROOF.



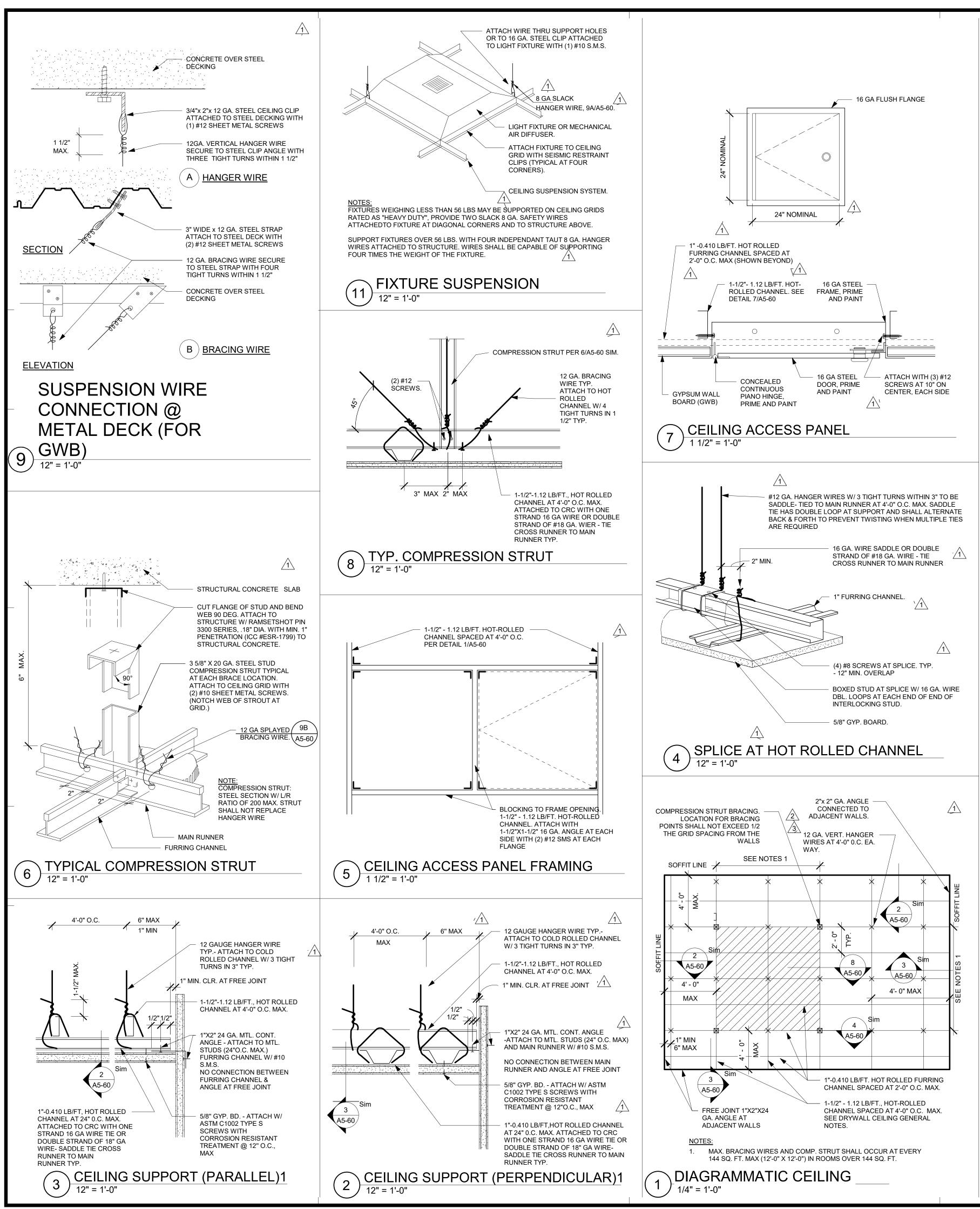
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_	STRUCTURAL:	SUN STRUCTURAL ENGINEERIN 2091 LAS PALMAS DRIVE, SUITE CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188	
	ME&P:	P2S 9665 CHESAPEAKE DRIVE, SUIT SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347 FAX(619)330-0	
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	JS SCALE: As indicated DATE: 08/03/16	_A5-3	I



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

#### INDICATED ON THIS SHEET. GENERAL NOTES GWB

#### **CEILING:**

DRYWALL CEILING SUSPENSION; CONVENTIONAL CONSTRUCTION REF: CBC 2013 AND ASCE 7-10.

- CONSTRUCTION, WORKMANSHIP AND MATERIAL SHALL CONFORM TO CALIFORNIA BUILDING STANDARDS CODE (CBSC 2013).
- THE CONTRACTOR SHALL NOTIFY OSHPD AND THE REGISTERED DESIG PROFESSIONAL (RDP) IN RESPONSIBLE CHARGE WHERE A CONFLICT ( DISCREPANCY OCCURS BETWEEN THE CONSTRUCTION DRAWINGS AN OTHER PORTION OF THE CONSTRUCTION DOCUMENTS, FIELD CONDITI WHERE ANY CONDITIONS ARISE NOT COVERED BY THESE DOCUMENT WORK WILL NOT COMPLY WITH CODE REQUIREMENTS.
- THE INTENT OF THE DRAWINGS AND SPECIFICATIONS IS TO CONSTRUC HOSPITAL BUILDING IN ACCORDANCE WITH THE CALIFORNIA BUILDING STANDARD CODE, 2013 (CBSC 2013). SHOULD ANY CONDITION DEVELO COVERED BY THE APPROVED CONSTRUCTION DOCUMENTS WHEREIN WORK WILL NOT COMPLY WITH CBSC 2013, A CHANGE ORDER DETAILI SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APP OSHPD BEFORE PROCEEDING WITH THE WORK.
- GALVANIZED METAL STUDS, TRACKS AND SHEET STEEL SHALL CONF ASTM A653-11 MATERIAL, OR OTHER EQUIVALENT ASTM LISTED MATER SECTION A2.1 OF THE AISI SI00-07/S2-10: NORTH AMERICAN SPECIFICA FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS W SUPPLEMENT 2, DATED 2010, WITH A MINIMUM YIELD STRENGTH OF 33 FOR 43 MIL (18 GAGE) AND LIGHTER AND MINIMUM YIELD STRENGTH C FOR HEAVIER GAGES, METAL STUDS AND TRACKS SHALL BE OF SIZE. THICKNESS AND SECTION PROPERTIES SHOWN ON TABLES 1-1, 1-2 AM THE AISI MANUAL, COLD-FORMED STEEL DESIGN, 2008 EDITION. THE R RESPONSIBLE CHARGE SHALL OBTAIN OSHPD APPROVAL FOR ANY SUBSTITUTIONS.
- ELECTRICAL METALLIC TUBE (EMT) SHALL BE ANSI C80.3/UL 797 CARBO STEEL WITH G90 GALVANIZING. EMT SHALL HAVE MINIMUM YIELD STRE (Fy = ) 30 KSI AND MINIMUM ULTIMATE STRENGTH OF (Fu = ) 48 KSI.
- SELECTED FASTENER CAPACITIES SHALL MATCH OR EXCEED THE STR LISTED HEREIN. THE FOLLOWING REQUIREMENTS SHALL ALSO BE ME
- SHEET METAL SCREWS SHALL COMPLY WITH ASTM C 1513-10, A B18.6.4-98 (R2005) AND ICC-ES AC 118. PENETRATION OF SCREWS THROUGH JOINED MATERIAL SHALL NOT BE LESS THAN THREE E THREADS.
- WELDING SHALL BE IN ACCORDANCE WITH AWS D1.3 USING E60> SERIES ELECTRODES. FIELD WELDING SHALL HAVE SPECIAL INSP IN ACCORDANCE WITH 2013 CBC SECTION 1705A.2.
- POST- INSTALLED ANCHORS (E.G. EXPANSION ANCHORS, SCRE ANCHORS AND POWER ACTUATED FASTENERS) SHALL HAVE SP INSPECTION AND TESTING IN ACCORDANCE WITH THE 2013 CBC SECTIONS 1705A.3 & 1913A.7. FOR QUALIFICATION, DESIGN AND POST-INSTALLED ANCHORS IN CONCRETE SEE THE 2013 CBC S 1616A.1.19 AND 1908A.1.1. LISTING OF CURRENT ICC-ES EVALUA
- REPORTS (OR REPORTS FROM OTHER TESTING AGENCIES ACCE TO OSHPD) SHALL BE REQUIRED FOR FASTENER USED. POWER-ACTUATED FASTENERS (PAF), POWDER DRIVEN FASTEI (PDF), POWER DRIVEN PINS (PDP) AND SHOT PINS ALL REPRESE SAME FASTENER AND WILL HEREAFTER BE REFERRED TO AS PO ACTUATED FASTENERS (PAF). PAF'S SHALL SATISFY THE CURRE ACCEPTANCE CRITERIA FOR FASTENERS POWER-DRIVEN INTO CONCRETE, STEEL AND MASONRY ELEMENTS AND THE 2013 CE SECTION 1908A.1.1. LISTING OF CURRENT ICC ES EVALUATION R (OR REPORTS FROM OTHER TESTING AGENCIES ACCEPTABLE T
- SHALL BE REQUIRED FOR FASTENERS USED. FOR PAF INSTALLED IN STEEL THE FASTENER PENETRATION SH THE ENTIRE POINTED END OF THE FASTENER DRIVEN THROUGH STEEL MEMBER, EXCEPT AS NOTED IN CURRENT REPORTS FRO TESTING AGENCIES ACCEPTABLE TO OSHPD.
- DESIGN CRITERIA
- BUILDING CODE: 2013 CALIFORNIA BUILDING CODE (2013 CBC), A AISI S100-07/S2-10, ASTM C754-11. FOR LOAD COMBINATIONS, AL STRESS DESIGN SHALL BE IN ACCORDANCE WITH 2013 CBC SEC 1605A.3.1
- FASTENER CAPACITIES TABLES WERE DEVELOPED BASED ON IC BY SEVERAL MANUFACTURERS. THE DESIGN ASSUMES THAT BUILDING ELEMENTS AND SUPPOR
- WHICH THE COMPONENTS ADDRESSED IN THIS DOCUMENT ARE ANCHORED, HAVE SUFFICIENT CAPACITY TO CARRY THE LOADS IMPOSED BY THE COMPONENTS IN COMBINATION WITH ALL OTH LOADS DESIGN CRITERIA IS LIMITED TO CEILING ASSEMBLIES HAVING MA
- DEAD WEIGHT OF 4 PSF, INCLUDING LIGHTING FIXTURES (LUMINE MECHANICAL SERVICES, EACH WEIGHING LESS THAN 56 LBS ANI ATTACHED TO CEILING FRAMING SYSTEM. HEAVIER SYSTEM AND SUPPORTING LATERAL FORCES FROM PARTITION WALLS WILL R PROJECT SPECIFIC DESIGN.
- THE RDP IN RESPONSIBLE CHARGE SHALL VERIFY THE FIRE RESISTAN ACOUSTICAL RATINGS FOR ALL CEILING ASSEMBLIES.
- "CEILING WIRE" SHALL CONFORM WITH GALVANIZED SOFT ANNEALED I STEEL WIRE AS DEFINED IN ASTM A641 (CLASS 1 COATING) WITH 70 KS TENSILE STRENGTH
- a. FOUR (4) TWISTS OF WIRE WITHIN 1.5" DEVELOPS THE ALLOWAB FOR THE WIRE. THREE (3) TWISTS WITHIN 3" MAY BE USED TO DEVELOP THE MA
- OF ALLOWABLE LOAD. 10. SUSPENSION SYSTEM COMPONENTS SHALL COMPLY WITH ASTM C754
- MAIN RUNNERS SHALL CONSIST OF 16 GAGE 1-1/2" COLD ROLLE CHANNEL 150U050-54 SPACED AT 4'-0" OC MAX. MAIN RUNNERS SUPPORTED BY HANGER WIRES AT 4'-0" OC MAX AND WITHIN 6" FND.
- FURRING CHANNEL SHALL CONSIST OF 25 GAGE 7/8" (HAT) FURF CHANNELS (087F125-18) AT 2'-0" OC MAX. FURRING CHANNELS S SADDLE TIED TO MAIN RUNNERS WITH 16 GAGE TIE WIRE OR A D STRAND OF 18 GAGE TIE WIRE. MAIN RUNNERS SHALL BE SPLICED BY LAPPING IN ACCORDANCE
- DETAIL 4/A5-60. FURRING CHANNELS SHALL BE SPLICED BY LAPPING IN ACCORD WITH DETAIL 6/A5-60.
- MAIN RUNNERS AND FURRING CHANNELS ALONG WITH THEIR S INTERSECTION CONNECTORS, AND EXPANSION DEVICES SHALL DESIGNED AND CONSTRUCTED TO CARRY A MEAN ULTIMATE TE OF NOT LESS THAN 270 LBS. IN COMPRESSION & TENSION. HANGER AND BRACING WIRES SHALL BE #12 GAGE (0.106" DIAM
- SOFT ANNEALED, AND GALVANIZED STEEL WIRES WITH CLASS COATING. THEY MAY BE USED FOR UP TO AND INCLUDING 4'-0" 2 GRID SPACING ALONG AND ATTACHED TO MAIN RUNNERS. SPL NOT PERMITTED IN ANY HANGER WIRE.
- WIRE HANGERS SHALL BE SADDLE-TIED AROUND MAIN RUNNER TO PREVENT TURNING OR TWISTING OF THE MEMBER SUSPENSION SYSTEM INSTALLATION, SHALL COMPLY WITH ASTM C75 11.
  - CEILING GRID MEMBERS SHALL BE ATTACHED TO TWO (2) ADJA WALLS. MAIN RUNNERS AND FURRING CHANNEL SHALL BE AT L INCH CLEAR OF OTHER WALL AND FURRING SHALL BE AT LEAS CLEAR OF OTHER WALL. IF WALLS RUN DIAGONAL TO THE CEILIN SYSTEM RUNNERS, ONE END OF MAIN RUNNER AND FURRING S FREE WITH STANDARD CLEARANCES.
  - THE WIDTH OF THE PERIMETER SUPPORTING CLOSURE ANGLE NOT LESS THAN TWO (2) INCHES. USE OF ANGLES WITH SMALLE IN CONJUNCTION WITH PERIMETER CLIPS SHALL REQUIRE AN AL
- METHOD OF COMPLIANCE WITH ADEQUATE JUSTIFICATION. 12. EXPANSION JOINTS, SEISMIC SEPARATIONS, AND PENETRATIONS EXPANSION JOINTS SHALL BE PROVIDED IN THE CEILING AT NTERSECTIONS OF CORRIDORS AND AT JUNCTIONS OF CORRIE
  - LOBBIES OR OTHER SIMILAR AREAS. FOR CEILING AREAS EXCEEDING 2500 SQUARE FEET, A SEISMIC SEPARATION JOINT SHALL BE PROVIDED TO DIVIDE THE CEILING INTO AREAS NOT EXCEEDING 2500 SQ. FT.

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Т				1350 C San Di
				P: 619
			PENETRATIONS THROUGH THE CEILING FOR SPRINKLER HEADS AND OTHER SIMILAR DEVICES THAT ARE NOT INTEGRALLY TIED TO THE	F: 619- www.si
			CEILING SYSTEM IN THE LATERAL DIRECTION SHALL HAVE A TWO (2) INCH OVERSIZED RING, SLEEVE OR ADAPTER THROUGH THE CEILING TILE TO ALLOW FREE MOVEMENT OF ONE (1) INCH IN ALL HORIZONTAL	
THE 2013			DIRECTIONS. A FLEXIBLE SPRINKLER HOSÈ ÉITTING THAT CAN ACCOMMODATE ONE (1) INCH OF CEILING MOVEMENT SHALL BE PERMITTED TO BE USED IN LIEU OF THE OVERSIZED RING, SLEEVE OR	
IGN OR			ADAPTER. SUCH FLEXIBLE SPRINKLER HOSE SHALL BE ADEQUATELY SUPPORTED FROM SOFFIT SO AS NOT TO EXCEED THE MAXIMUM	
ND ANY TIONS, OR	13.	LATE	TRIBUTARY WEIGHT OF THE CEILING. RAL FORCE BRACING: RAL FORCE BRACING IS REQUIRED IN ACCORDANCE WITH	I EN
TS WHEREIN		THIS	SECTION FOR ALL CEILING AREAS, UON.	
JCT THE G OP NOT		SUSF OF 14	PENDED ACOUSTICAL CEILING SYSTEMS WITH A CEILING AREA 44 SQ. FT. OR LESS, WHEN PERIMETER SUPPORT ARE	
N THE LING AND PROVED BY			/IDED AND PERIMETER WALLS ARE DESIGNED TO CARRY THE NG LATERAL FORCES. PROVIDE LATERAL-FORCE BRACING ASSEMBLIES	
ORM TO		b.	CONSISTING OF A STRUT AND FOUR (4) #12 GAGE BRACING WIRES ORIENTED 90 DEGREES FROM EACH OTHER. LATERAL-FORCE BRACING ASSEMBLIES SHALL BE SPACED IN	
RIALS IN ATION			ACCORDANCE WITH DETAILS 1/A5-60, 10/A5-60 & 14/A5-60 FROM EACH WALL AND AT THE EDGES OF ANY CHANGE OF ELEVATION OF THE CEILING.	TRI
VITH 3 KSI DF 50 KSI		C.	THE SLOPE OF BRACING WIRES MAY BE FROM 10 TO 45 DEGREES BUT MAY NOT EXCEED 45 DEGREES FROM THE PLANE OF THE CEILING AND WIRES SHALL BE TAUT.	
ND 1-3 OF RDP IN		d.	STRUTS SHALL BE ADEQUATE TO RESIST THE VERTICAL COMPONENT INDUCED BY THE BRACING WIRES, AND SHALL	4002 OCE
	14.	ATT A	NOT BE MORE THAN 1 (HORIZONTAL) IN 6 (VERTICAL) OUT OF PLUMB.	9205
3ON ENGTH OF	14.	a.	CHMENT OF HANGER AND BRACING WIRES: FASTEN #12 HANGER WIRES WITH NOT LESS THAN THREE (3) TIGHT TURN IN 3 INCHES. HANGER WIRE LOOPS SHALL	
RENGTHS			BE TIGHTLY WRAPPED AND SHARPLY BENT TO PREVENT ANY VERTICAL MOVEMENT OR ROTATION OF THE MEMBER WITHIN THE LOOPS.	OWNER:
T: ASME		b.	FASTEN #12 BRACING WIRES WITH FOUR (4) TIGHT TURNS. MAKE ALL TIGHT TURNS WITHIN A DISTANCE OF 1 1/2" INCHES.	
NS EXPOSED		C.	HANGER OR BRACING WIRE ANCHORED TO THE STRUCTURE SHOULD BE INSTALLED IN SUCH A MANNER THAT THE DIRECTION OF THE ANCHOR ALIGNS AS CLOSELY AS	ARCHITEC
ISPECTION		d.	POSSIBLE WITH THE DIRECTION OF THE WIRE. SEPARATE ALL CEILING HANGER AND BRACING WIRES AT	
EW PECIAL		e.	LEAST SIX (6) INCHES FROM ALL UNBRACED DUCTS, PIPES CONDUITS, ETC. HANGER WIRES SHALL NOT BE ATTACHED TO OR BEND —	STRUCTU
USE OF SECTIONS			AROUND INTERFERING MATERIAL OR EQUIPMENT. PROVIDE TRAPEZE OR OTHER SUPPLEMENTARY SUPPORT MEMBERS AT OBSTRUCTIONS TO TYPICAL HANGER SPACING. PROVIDE	
ATION EPTABLE			ADDITIONAL HANGERS, STRUTS OR BRACES AS REQUIRED AT ALL CEILING BREAKS, SOFFITS, OR DISCONTINUOUS AREAS.	ME&P:
ENERS ENT THE POWER		f.	HANGER WIRES THAT ARE MORE THAN 1 (HORIZONTAL) IN 6 (VERTICAL) OUT OF PLUMB SHALL REQUIRE PROJECT SPECIFIC DESIGN.	
ENT AC70-		g.	WHEN DRILLED-IN CONCRETE ANCHORS OR PAF ARE USED IN REINFORCED CONCRETE FOR HANGER WIRES, 1 OUT OF	
REPORTS TO OSHPD)			10 WIRE/ ANCHOR ASSEMBLIES SHALL BE FIELD TESTED FOR 200 LBS. IN TENSION. WHEN DRILLED-IN CONCRETE ANCHORS ARE USED FOR BRACING WIRES, 1 OUT OF 2	
HALL HAVE H THE			WIRE/ANCHOR ASSEMBLIES SHALL BE FIELD TESTED FOR 440 LBS. IN TENSION IN THE DIRECTION OF THE WIRE. PAF IN CONCRETE ARE NOT PERMITTED FOR BRACING WIRES.	UN ANT
DM	15.	CEILI a.	NG FIXTURES, TERMINALS, AND DEVICES: ALL LIGHT FIXTURES, AIR TERMINALS/GRILLS, OR OTHER	→ 4 ★ 00
ASCE 7-10, LLOWABLE		_	DEVICES (REFERRED TO ALL BY COMMON TERM FIXTURES HEREAFTER) SHALL BE MOUNTED IN A MANNER THAT WILL NOT COMPROMISE CEILING PERFORMANCE.	10. PE
CTION		b.	ALL FIXTURES SHALL BE SUPPORTED DIRECTLY BY MAIN RUNNERS OR BY SUPPLEMENTAL FRAMING WHICH IS SUPPORTED BY MAIN RUNNERS AND POSITIVELY ATTACHED	SINTE
RTS, TO		C.	WITH SCREWS OR OTHER APPROVED CONNECTORS. SURFACE MOUNTED FIXTURES SHALL BE ATTACHED TO A MAIN RUNNER WITH A POSITIVE CLAMPING DEVICE MADE OF	
E S IER		d.	MATERIAL WITH A MINIMUM OF 14 GAGE. ROTATIONAL SPRING CLAMPS DO NOT COMPLY. ACCESS PANELS: ACCESS TO THE SPACE BETWEEN THE	$\begin{array}{c c} \underline{2} \\ \underline{3} \\ \underline{3} \\ \underline{3} \end{array} \begin{array}{c} \underline{1} \\ $
MAXIMUM NERIES) AND		u.	CEILING AND THE FLOOR OR ROOF ABOVE SHALL NOT BE ALLOWED. SMALL ACCESS PANELS FOR THE INSPECTION,	
ND ID THOSE REQUIRE			ADJUSTMENT, OR REPAIR OF UTILITY SWITCHES, VALVES, SENSORS, ETC. MAY BE ALLOWED IF THE PANEL IS LESS THAN 300 SQUARE INCHES. SUCH PANELS SHALL ALSO HAVE A	<u>/5</u> <u>5</u> (
	WARN	NING:		
NCE AND			BOARD CEILING 2. DO NOT STORE OR STOW ANYTHING ON THE GYPSUM BOARD CEILING.	CONSULTANT
D MILD (SI MINIMUM		e.	ALL FIXTURES WEIGHING LESS THAN OR EQUAL TO 10 LB. SHALL HAVE ONE NO. 12 GAUGE SAFETY WIRE CONNECTED FROM	
ABLE LOAD		f.	FIXTURE HOUSING TO STRUCTURE ABOVE. IT IS NOT NECESSARY FOR THESE SAFETY WIRES TO BE TAUT. ALL FIXTURES WEIGHING GREATER THAN 10 LB BUT LESS THAN	
54:			OR EQUAL TO 56 LB SHALL HAVE TWO NO. 12 GAUGE SAFETY WIRE CONNECTED FROM FIXTURE HOUSING TO STRUCTURE	OSHPD APPR
ED U- S SHALL BE " FROM EA		g.	ABOVE. IT IS NOT NECESSARY FOR THESE SAFETY WIRES TO BE TAUT. ALL FIXTURES WEIGHING GREATER THAN 56 LB SHALL BE	OSHPD
RRING SHALL BE		h.	SUPPORTED DIRECTLY FROM STRUCTURE ABOVE BY APPROVED HANGERS. PENDANT-HUNG FIXTURES SHALL BE SUPPORTED DIRECTLY	
DOUBLE CE WITH			FROM THE STRUCTURE ABOVE USING NO LESS THAN NO. 0- GAUGE WIRE OR AN APPROVED ALTERNATE SUPPORT. THE C EILING SUSPENSION SYSTEM SHALL NOT PROVIDE ANY DIRECT	
RDANCE		i.	SUPPORT. ALL RECESSED OR DROP-IN FIXTURES SHALL BE SUPPORTED DIRECTLY FROM FIXTURE HOUSING TO THE STRUCTURE ABOVE	
SPLICES, L BE			WITH A MINIMUM OF TWO NO. 12 GAUGE WIRES LOCATED AT DIAGONALLY OPPOSITE CORNERS. LEVELING OR POSITIONING OF FIXTURES MAY BE PROVIDED BY CEILING GRID. FIXTURE	
EST LOAD METER),			SUPPORT WIRES MAY BE SLIGHTLY LOOSE TO ALLOW THE FIXTURE TO SEAT IN THE GRID SYSTEM. FIXTURES SHALL NOT	
1 X 4'-0" LICES ARE			BE SUPPORTED FROM MAIN RUNNERS OR FURRING CHANNELS IF THE WEIGHT OF THE FIXTURES CAUSES TOTAL DEAD LOAD TO EXCEED THE DEFLECTION CAPABILITY OF THE CEILING	SHEET TITLE:
RS SO AS	16.	-	SUSPENSION SYSTEM. NGS THAT ARE PART OF A FIRE RATED ASSEMBLY: PROVIDE A NIL AND DESIGN NUMBER FOR RATED CEILING ASSEMBLIES	GYF
54: ACENT		FRON	AND DESIGN NOMBER FOR RATED CEILING ASSEMBLIES A AN APPROVED TESTING AGENCY. THE COMPONENTS AND ALLATION DETAILS SHALL CONFORM IN EVERY RESPECT THE LISTED DETAIL AND NUMBER. DETAILS SHALL CLEARLY	DET
LEAST 1 ST 3/4" INCH LING GRID		DEPI FRAM	CT ALL COMPONENTS, INCLUDING INSULATION MATERIALS, /ING AND ATTACHMENT OF THE DESIGN SO THAT THE	
SHOULD BE		POP I ACCE	MBLY CAN BE CONSTRUCTED AND INSPECTED ACCORDINGLY. RIVETS, SCREWS, OR OTHER ATTACHMENTS ARE NOT EPTABLE UNLESS SPECIFICALLY DETAILED ON THE DRAWINGS	PROJECT TITL TCMC E
ER WIDTHS ALTERNATE	17.		APPROVED BY APPROVED TESTING AGENCY.	PROJECT #:
		a. b.	GYPSUM BOARD SHALL CONSIST OF SINGLE-PLY 1/2" OR 5/8" THICK IN ACCORDANCE WITH ASTM C11-10a. GYPSUM BOARD SHALL BE INSTALLED PERPENDICULAR TO	01593.00 DRAWN BY: Author
IDORS WITH			FURRING WITH SCREWS AT 12" OC MAXIMUM, IN ACCORDANCE WITH ASTM C840-11. GYPSUM BOARD SHALL BE ATTACHED TO FURRING/FRAMING	CHECKED BY: Checker SCALE:
G INTO		C.	GYPSUM BOARD SHALL BE ATTACHED TO FURRING/FRAMING	As indicate

1022) SCREWS (NOT LESS THAN, NO. 6, WITH MAJOR

DIAMETER NOT LESS THAN 0.136 IN).

WITH ASTM C1002-07 TYPE S (ASTM A568-11b GRADES 1018 TO



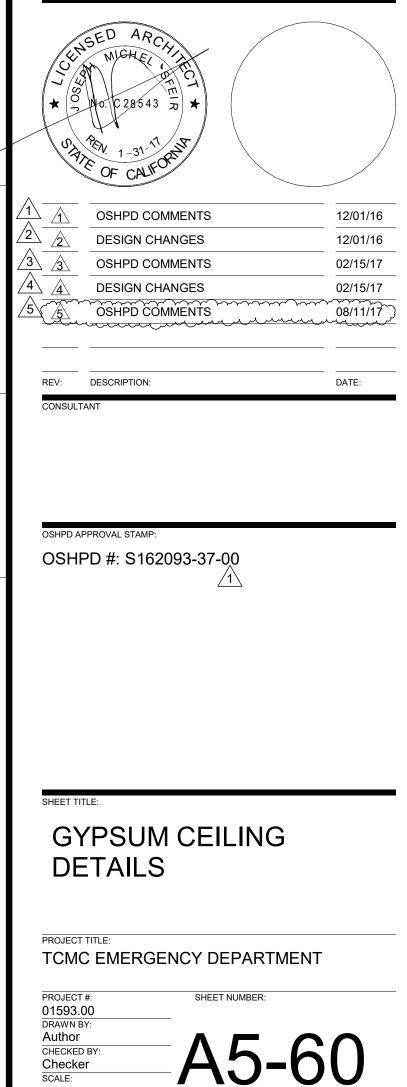
1350 Columbia Street, Suite 603 San Diego, CA 92101

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# TCMC EMERGENCY DEPARTMENT

#### **TRI-CITY MEDICAL** CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056

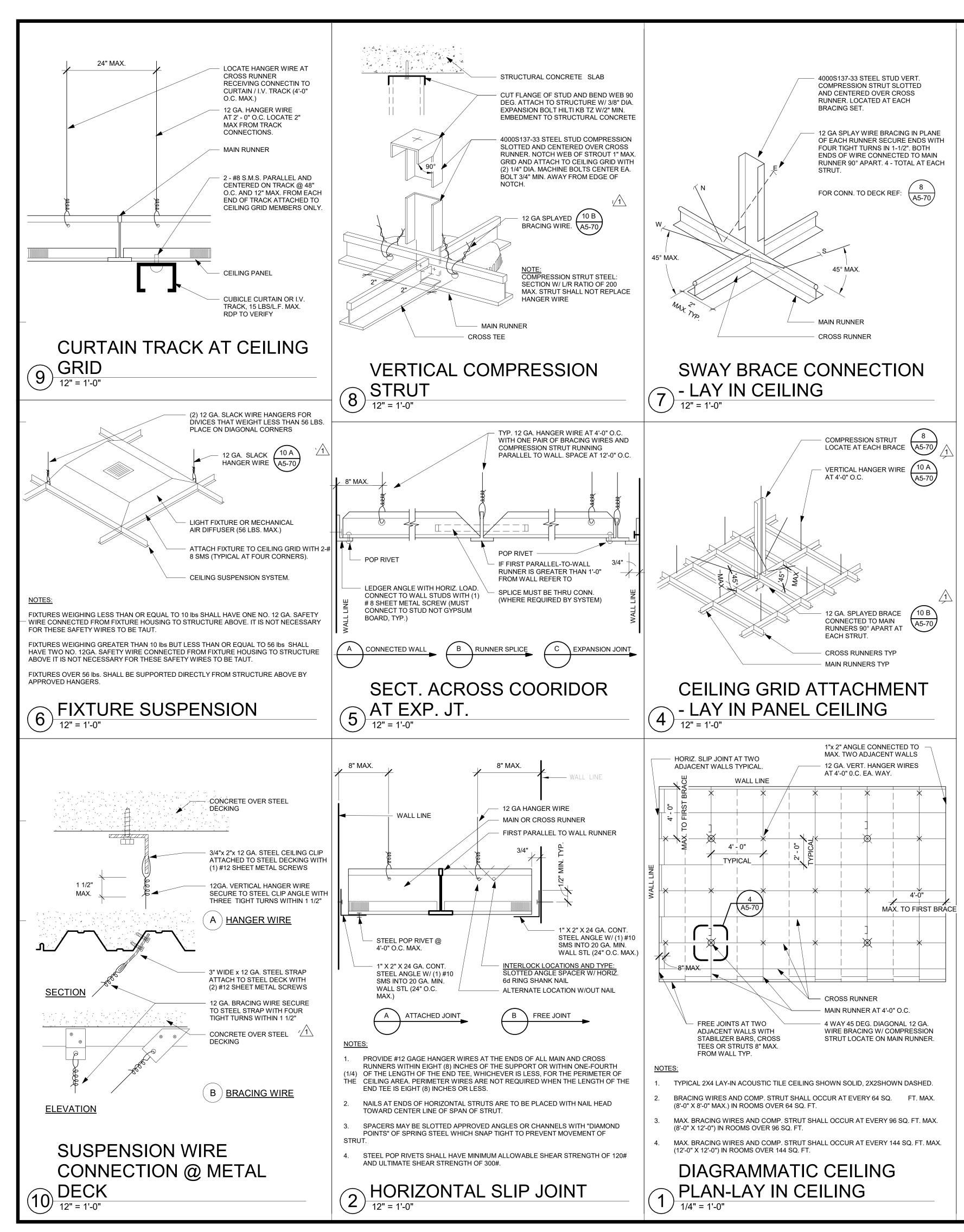
OWNER:	TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056 TEL(760)724-8411
ARCHITECT:	SFEIR ARCHITECTS 1350 COLUMBIA STREET, SUITE 603 SAN DIEGO, CALIFORNIA 92101 TEL(619)299-3917 FAX(619)299-5084
STRUCTURAL:	SUN STRUCTURAL ENGINEERING, INC. 2091 LAS PALMAS DRIVE, SUITE D CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188
ME&P:	P2S 9665 CHESAPEAKE DRIVE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347 FAX(619)330-0668



TO CONSTRUCTION DOCUMENTS

As indicated

08/03/16



#### <u>GENERAL NOTES LAY-IN</u> CEILING:

- 1. CONSTRUCTION, WORKMANSHIP AND MATERIAL SHALL CONFORM TO THE 2013 CALIFORNIA BUILDING STANDARDS CODE (CBSC 2013).
- THE CONTRACTOR SHALL NOTIFY OSHPD AND THE REGISTERED DESIGN PROFESSIONAL (RDP) IN RESPONSIBLE CHARGE WHERE A CONFLICT OR DISCREPANCY OCCURS BETWEEN THE CONSTRUCTION DRAWINGS AND ANY OT PORTION OF THE CONSTRUCTION DOCUMENTS, FIELD CONDITIONS, OR WHERE CONDITIONS ARISE NOT COVERED BY THESE DOCUMENTS WHEREIN WORK WIL NOT COMPLY WITH CODE REQUIREMENTS.
- THE INTENT OF THE DRAWINGS AND SPECIFICATIONS IS TO CONSTRUCT THE HOSPITAL BUILDING IN ACCORDANCE WITH THE CALIFORNIA BUILDING STANDAF CODE, 2013 (CBSC 2013). SHOULD ANY CONDITION DEVELOP NOT COVERED BY 1 APPROVED CONSTRUCTION DOCUMENTS WHEREIN THE WORK WILL NOT COMP WITH CBSC 2013, A CHANGE ORDER DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY OSHPD BEFORE PROCEEDIN WITH THE WORK.
- GALVANIZED METAL STUDS, TRACKS AND SHEET STEEL SHALL CONFORM TO AS A653-11 MATERIAL, OR OTHER EQUIVALENT ASTM LISTED MATERIALS IN SECTION A2.1 OF THE AISI SI00-07/S2-10; NORTH AMERICAN SPECIFICATION FOR THE DESIG 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. METAL STUDS AND TRACKS SHALL BE OF SIZE, THICKNESS AND SECTION PROPERTIES SHOWN ON TABLES 1-1, 1-2 AND 1-3 OF THE AISI MANUAL, COLD-FORMED STEEL DESIGN, 2008 EDITION. THE RDP IN RESPONSIBLE CHARGE SHALL OBTAIN OSHPI APPROVAL FOR ANY SUBSTITUTIONS.
- 5. ELECTRICAL METALLIC TUBE (EMT) SHALL BE ANSI C80.3/UL 797 CARBON STEEL WITH G90 GALVANIZING. EMT SHALL HAVE MINIMUM YIELD STRENGTH OF (Fy = ) KSI AND MINIMUM ULTIMATE STRENGTH OF (Fu = ) 48 KSI.
- . SELECTED FASTENER CAPACITIES SHALL MATCH OR EXCEED THE STRENGTHS LISTED HEREIN. THE FOLLOWING REQUIREMENTS SHALL ALSO BE MET:
  - .. SHEET METAL SCREWS SHALL COMPLY WITH ASTM C 1513-10, ASME B18.6 (R2005) AND ICC-ES AC 118. PENETRATION OF SCREWS THROUGH JOINED SHALL NOT BE LESS THAN THREE EXPOSED THREADS.
  - WELDING SHALL BE IN ACCORDANCE WITH AWS D1.3 USING E60XX SERIE ELECTRODES. FIELD WELDING SHALL HAVE SPECIAL INSPECTION IN ACCO WITH 2013 CBC SECTION 1705A.2.
  - POST- INSTALLED ANCHORS (E.G. EXPANSION ANCHORS, SCREW ANCHOR POWER ACTUATED FASTENERS) SHALL HAVE SPECIAL INSPECTION AND T ACCORDANCE WITH THE 2013 CBC SECTIONS 1705A.3 & 1913A.7. FOR QUALIFICATION, DESIGN AND USE OF POST-INSTALLED ANCHORS IN CONC THE 2013 CBC SECTIONS 1616A.1.19 AND 1908A.1.1. LISTING OF CURRENT I EVALUATION REPORTS (OR REPORTS FROM OTHER TESTING AGENCIES ACCEPTABLE TO OSHPD) SHALL BE REQUIRED FOR FASTENER USED.
  - .. POWER-ACTUATED FASTENERS (PAF), POWDER DRIVEN FASTENERS (PDF DRIVEN PINS (PDP) AND SHOT PINS ALL REPRESENT THE SAME FASTENER HEREAFTER BE REFERRED TO AS POWER ACTUATED FASTENERS (I SHALL SATISFY THE CURRENT AC70-ACCEPTANCE CRITERIA FOR FASTEN POWER-DRIVEN INTO CONCRETE, STEEL AND MASONRY ELEMENTS AND CBC SECTION 1908A.1.1. LISTING OF CURRENT ICC ES EVALUATION REPOR REPORTS FROM OTHER TESTING AGENCIES ACCEPTABLE TO OSHPD) SHA REQUIRED FOR FASTENERS USED.
- e. FOR PAF INSTALLED IN STEEL THE FASTENER PENETRATION SHALL HAVE ENTIRE POINTED END OF THE FASTENER DRIVEN THROUGH THE STEEL M EXCEPT AS NOTED IN CURRENT REPORTS FROM TESTING AGENCIES ACC TO OSHPD.
- 7. DESIGN CRITERIA
- BUILDING CODE: 2013 CALIFORNIA BUILDING CODE (2013 CBC), ASCE 7-10, S100-07/S2-10, ASTM E580-11b, C635-12, AND C636-08. FOR LOAD COMBINATIONS, ALLOWABLE STRESS DESIGN SHALL BE IN ACCORDANCE WITH 2013 CBC SECTION 1605A.3.1.
- FASTENER CAPACITIES TABLES WERE DEVELOPED BASED ON ICC REPOR
   b. BY SEVERAL MANUFACTURERS.
- THE DESIGN ASSUMES THAT BUILDING ELEMENTS AND SUPPORTS, TO WH THE COMPONENTS ADDRESSED IN THIS DOCUMENT ARE ANCHORED, HAN SUFFICIENT CAPACITY TO CARRY THE LOADS IMPOSED BY THE COMPONE IN COMBINATION WITH ALL OTHER LOADS. EVALUATION OF THE CAPACITY THESE SUPPORTING BUILDING ELEMENTS IS BEYOND THE SCOPE OF THE OPD.
- d. DESIGN IS LIMITED TO CEILING ASSEMBLIES HAVING MAXIMUM DEAD WEIG OF 4 PSF, INCLUDING LIGHTING FIXTURES (LUMINERIES) AND MECHANICAL SERVICES, EACH WEIGHING LESS THAN 56 LBS AND ATTACHED TO CEILING FRAMING SYSTEM. HEAVIER SYSTEM AND THOSE SUPPORTING LATERAL FORCES FROM PARTITION WILL REQUIRE PROJECT SPECIFIC DESIGN.
- THE RDP IN RESPONSIBLE CHARGE SHALL VERIFY THE FIRE RESISTANCE AND ACOUSTICAL RATINGS FOR ALL CEILING ASSEMBLIES.
- "CEILING WIRE" SHALL CONFORM WITH GALVANIZED SOFT ANNEALED MILD STEE WIRE AS DEFINED IN ASTM A641 (CLASS 1 COATING) WITH 70 KSI MINIMUM TENSI STRENGTH:
- a. FOUR (4) TWISTS OF WIRE WITHIN 1.5" DEVELOPS THE ALLOWABLE LOAD THE WIRE.
- b. THREE (3) TWISTS WITHIN 3" MAY BE USED TO DEVELOP THE MAXIMUM 50" ALLOWABLE LOAD.
- 10. SUSPENSION SYSTEM COMPONENTS SHALL COMPLY WITH ASTM C635 AND E580 SECTION 5.1:
- a. THE CEILING GRID SYSTEM SHALL BE RATED HEAVY DUTY AS DEFINED BY C635.
   b.
- HANGER AND BRACING WIRES SHALL BE #12 GAGE (0.106" DIAMETER), SO ANNEALED, AND GALVANIZED STEEL WIRES WITH CLASS 1 COATING. TH BE USED FOR UP TO AND INCLUDING 4'-0"X 4'-0" GRID SPACING ALONG AND ATTACHED TO MAIN RUNNERS. SPLICES ARE NOT PERMITTED IN ANY HA WIRE.
- MAIN RUNNERS AND CROSS RUNNERS ALONG WITH THEIR SPLICES, INTER CONNECTORS, AND EXPANSION DEVICES SHALL BE DESIGNED AND CONS TO CARRY A MEAN ULTIMATE TEST LOAD OF NOT LESS THAN 180 LBS. IN COMPRESSION & TENSION, IN ACCORDANCE WITH ASTM 580 SECTION 5.1.

11. SUSPENSION SYSTEM INSTALLATION, SHALL COMPLY WITH ASTM C636 AND SECTION 5.2:

- PROVIDE #12 GAGE HANGER WIRES AT THE ENDS OF ALL MAIN AND CROS RUNNERS WITHIN EIGHT (8) INCHES OF THE SUPPORT OR WITHIN ONE-FC OF THE LENGTH OF THE END TEE, WHICHEVER IS LESS, FOR THE PERIMET THE CEILING AREA. PERIMETER WIRES ARE NOT REQUIRED WHEN THE LE THE END TEE IS EIGHT (8) INCHES OR LESS.
- b. CEILING GRID MEMBERS SHALL BE ATTACHED TO TWO (2) ADJACENT WAL ACCORDANCE WITH ASTM E580 SECTION 5.2.3. CEILING GRID MEMBERS SI AT LEAST 3/4" INCH CLEAR OF OTHER WALLS. IF WALLS RUN DIAGONAL TO CEILING GRID SYSTEM RUNNERS, ONE END OF MAIN AND CROSS RUNNER BE FREE, AND A MINIMUM OF 3/4 INCH CLEAR OF WALL.
- c. THE WIDTH OF THE PERIMETER SUPPORTING CLOSURE ANGLE SHALL BE THAN TWO (2) INCHES. USE OF ANGLES WITH SMALLER WIDTHS IN CONJU WITH PERIMETER CLIPS SHALL REQUIRE AN ALTERNATE METHOD OF COM WITH ADEQUATE JUSTIFICATION.
- d. AT THE PERIMETER OF THE CEILING AREA WHERE MAIN OR CROSS RUNNE NOT CONNECTED TO THE ADJACENT WALL, PROVIDE INTERCONNECTION THE RUNNERS AT THE FREE END TO PREVENT LATERAL SPREADING. A ME STRUT OR A #16 GAGE WIRE WITH A POSITIVE MECHANICAL CONNECTION RUNNER MAY BE USED. WHERE THE PERPENDICULAR DISTANCE FROM TH TO THE FIRST PARALLEL RUNNER IS EIGHT (8) INCHES OR LESS, THIS INTERCONNECTION IS NOT REQUIRED.
- 12. EXPANSION JOINTS, SEISMIC SEPARATIONS, AND PENETRATIONS:

		a. EXPANSION JOINTS SHALL BE PROVIDED IN THE CEILING AT INTERSECTIONS OF CORRIDORS AND AT JUNCTIONS OF CORRIDORS WITH LOBBIES OR OTHER SIMILAR AREAS.
THER		b. FOR CEILING AREAS EXCEEDING 2500 SQUARE FEET, A SEISMIC SEPARATION JOINT SHALL BE PROVIDED TO DIVIDE THE CEILING INTO AREAS NOT EXCEEDING 2500 SQ. FT.
ANY L RD FHE LY		C. PENETRATIONS THROUGH THE CEILING FOR SPRINKLER HEADS AND OTHER SIMILAR DEVICES THAT ARE NOT INTEGRALLY TIED TO THE CEILING SYSTEM IN THE LATERAL DIRECTION SHALL HAVE A TWO (2) INCH OVERSIZED RING, SLEEVE OR ADAPTER THROUGH THE CEILING TILE TO ALLOW FREE MOVEMENT OF ONE (1) INCH IN ALL HORIZONTAL DIRECTIONS. A FLEXIBLE SPRINKLER HOSE FITTING THAT CAN ACCOMMODATE ONE (1) INCH OF CEILING MOVEMENT SHALL BE
) NG		PERMITTED TO BE USED IN LIEU OF THE OVERSIZED RING, SLEEVE OR ADAPTER. SUCH FLEXIBLE SPRINKLER HOSE SHALL BE ADEQUATELY SUPPORTED FROM SOFFIT SO AS NOT TO EXCEED THE MAXIMUM TRIBUTARY WEIGHT OF THE CEILING.
STM N GN	13.	LATERAL FORCE BRACING:
		LATERAL FORCE BRACING IS REQUIRED IN ACCORDANCE WITH THIS SECTION FOR ALL CEILING AREAS, UON.
D		EXCEPTION: LATERAL FORCE BRACING MAY BE OMITTED FOR SUSPENDED ACOUSTICAL CEILING SYSTEMS WITH A CEILING AREA OF 144 SQ. FT. OR LESS, WHEN PERIMETER SUPPORT IN ACCORDANCE WITH ASTM E580 ARE PROVIDED AND PERIMETER WALLS ARE DESIGNED TO CARRY THE CEILING LATERAL FORCES.
30		a. PROVIDE LATERAL-FORCE BRACING ASSEMBLIES CONSISTING OF A STRUT AND FOUR (4) #12 GAGE BRACING WIRES ORIENTED 90 DEGREES FROM EACH OTHER.
5.4-98		<ul> <li>b. LATERAL-FORCE BRACING ASSEMBLIES SHALL BE SPACED IN ACCORDANCE WITH DETAILS 1 &amp; 2/A5-70. FROM EACH WALL AND AT THE EDGES OF ANY CHANGE OF ELEVATION OF THE CEILING.</li> </ul>
MATERIAL		c. THE SLOPE OF BRACING WIRES MAY BE FROM 10 TO 45 DEGREES BUT MAY NOT EXCEED 45 DEGREES FROM THE PLANE OF THE CEILING AND WIRES SHALL BE TAUT.
ORDANCE RS AND ESTING IN		d. STRUTS SHALL BE ADEQUATE TO RESIST THE VERTICAL COMPONENT INDUCED BY THE BRACING WIRES, AND SHALL NOT BE MORE THAN 1 (HORIZONTAL) IN 6 (VERTICAL) OUT OF PLUMB.
CRETE SEE	14.	ATTACHMENT OF HANGER AND BRACING WIRES:
F), POWER RAND WILL		a. FASTEN #12 HANGER WIRES WITH NOT LESS THAN THREE (3) TIGHT TURN IN 3 INCHES. HANGER WIRE LOOPS SHALL BE TIGHTLY WRAPPED AND SHARPLY BENT TO PREVENT ANY VERTICAL MOVEMENT OR ROTATION OF THE MEMBER WITHIN THE LOOPS.
PAF). PAF'S ERS THE 2013		b. FASTEN #12 BRACING WIRES WITH FOUR (4) TIGHT TURNS. MAKE ALL TIGHT TURNS WITHIN A DISTANCE OF 1 1/2" INCHES.
RTS (OR ALL BE THE		c. HANGER OR BRACING WIRE ANCHORED TO THE STRUCTURE SHOULD BE INSTALLED IN SUCH A MANNER THAT THE DIRECTION OF THE ANCHOR ALIGNS AS CLOSELY AS POSSIBLE WITH THE DIRECTION OF THE WIRE.
EMBER, EPTABLE		d. SEPARATE ALL CEILING HANGER AND BRACING WIRES AT LEAST SIX (6) INCHES FROM ALL UNBRACED DUCTS, PIPES CONDUITS, ETC.
AISI		e. HANGER WIRES SHALL NOT BE ATTACHED TO OR BEND AROUND INTERFERING MATERIAL OR EQUIPMENT. PROVIDE TRAPEZE OR OTHER SUPPLEMENTARY SUPPORT MEMBERS AT OBSTRUCTIONS TO TYPICAL HANGER SPACING. PROVIDE ADDITIONAL HANGERS, STRUTS OR BRACES AS REQUIRED AT ALL CEILING BREAKS, SOFFITS, OR DISCONTINUOUS AREAS.
		<ul> <li>f. HANGER WIRES THAT ARE MORE THAN 1 (HORIZONTAL) IN 6 (VERTICAL) OUT OF PLUMB SHALL REQUIRE PROJECT SPECIFIC DESIGN.</li> </ul>
ICH /E		9. WHEN DRILLED-IN CONCRETE ANCHORS OR PAF ARE USED IN REINFORCED CONCRETE FOR HANGER WIRES, 1 OUT OF 10 WIRE/ ANCHOR ASSEMBLIES SHALL BE FIELD TESTED FOR 200 LBS. IN TENSION. WHEN DRILLED-IN
NTS OF	15.	CONCRETE ANCHORS ARE USED FOR BRACING WIRES, 1 OUT OF 2 WIRE/ANCHOR ASSEMBLIES SHALL BEFIELD TESTED FOR 440 LBS. CEILING FIXTURES, TERMINALS, AND DEVICES:
GHT - G		a. CEILING PANELS SHALL NOT SUPPORT ANY LIGHT FIXTURES, AIR TERMINALS/GRILLS, OR OTHER DEVICES (REFERRED TO ALL BY COMMON TERM FIXTURES HERE AFTER).
		b. ALL FIXTURES SHALL BE MOUNTED IN A MANNER THAT WILL NOT
EL LE		c. ALL FIXTURES SHALL BE ATTACHED TO THE SUSPENDED CEILING SYSTEM BY MECHANICAL MEANS, UNLESS INDEPENDENTLY SUPPORTED. THE ATTACHMENT DEVICE SHALL HAVE THE CAPACITY OF 100% OF FIXTURE WEIGHT ACTING IN ANY DIRECTION. A MINIMUM OF TWO ATTACHMENT DEVICES ARE REQUIRED FOR EACH FIXTURE.
FOR		<ul> <li>SURFACE MOUNTED FIXTURES SHALL BE ATTACHED TO THE MAIN</li> <li>RUNNER WITH POSITIVE CLAMPING DEVICES MADE OF MATERIAL WITH A MINIMUM 14 GAGE. A NO.12 GAUGE SAFETY WIRES SHALL BE ATTACHED BETWEEN THE CLAMPING DEVICE AND TO THE STRUCTURE ABOVE. IN NO</li> </ul>
% OF		CASE SHALL THE FIXTURES EXCEED THE DESIGN CAPACITY OF THE SUPPORTING MEMBERS.
ASTM		e. ALL FIXTURES WEIGHING LESS THAN OR EQUAL TO 10 LB. SHALL HAVE ONE NO. 12 GAUGE SAFETY WIRE CONNECTED FROM FIXTURE HOUSING TO STRUCTURE ABOVE. IT IS NOT NECESSARY FOR THESE SAFETY WIRES TO BE TAUT.
FT IEY MAY		f. ALL FIXTURES WEIGHING GREATER THAN 10 LB BUT LESS THAN OR EQUAL TO 56 LB. SHALL HAVE TWO NO. 12 GAUGE SAFETY WIRE CONNECTED FROM FIXTURE HOUSING TO STRUCTURE ABOVE. IT IS NOT NECESSARY FOR THESE SAFETY WIRES TO BE TAUT.
D NGER		g. ALL FIXTURES WEIGHING GREATER THAN 56 LB. SHALL BE SUPPORTED DIRECTLY FROM STRUCTURE ABOVE BY APPROVED HANGERS.
RSECTION STRUCTED 2.		h. PENDENT-HUNG FIXTURES SHALL BE SUPPORTED DIRECTLY FROM THE STRUCTURE ABOVE USING NO LESS THAN NO. 9-GAUGE WIRE OR AN APPROVED ALTERNATE SUPPORT. THE CEILING SUSPENSION SYSTEM SHALL NOT PROVIDE ANY DIRECT SUPPORT.
580		i. ALL RECESSED OR DROP-IN FIXTURES SHALL BE SUPPORTED DIRECTLY FROM FIXTURE HOUSING TO THE STRUCTURE ABOVE WITH A MINIMUM OF TWO NO. 12 GAUGE WIRES LOCATED AT DIAGONALLY OPPOSITE CORNERS. LEVELING OR POSITIONING OF FIXTURES MAY BE PROVIDED
SS DURTH (1/4) FER OF NGTH OF		BY CEILING GRID. FIXTURE SUPPORT WIRES MAY BE SLIGHTLY LOOSE TO ALLOW THE FIXTURE TO SEAT IN THE GRID SYSTEM. FIXTURES SHALL NOT BE SUPPORTED FROM MAIN RUNNERS OR CROSS RUNNERS IF THE WEIGHT OF THE FIXTURES CAUSES TOTAL DEAD LOAD TO EXCEED THE DEFLECTION CAPABILITY OF THE CEILING SUSPENSION SYSTEM.
LS, IN HALL BE	16. A	DDITIONAL REQUIREMENTS:
NOT LESS		CEILINGS THAT ARE PART OF A FIRE RATED ASSEMBLY: PROVIDE A a. DETAIL AND DESIGN NUMBER FOR RATED CEILING ASSEMBLIES FROM AN APPROVED TESTING AGENCY. THE COMPONENTS AND INSTALLATION DETAILS CONFORM IN EVERY RESPECT WITH THE LISTED DETAIL AND NUMBER. DETAILS SHALL CLEARLY DEPICT ALL COMPONENTS, INCLUDING INSULATION MATERIALS, FRAMING AND ATTACHMENT OF THE DESIGN SO
NCTION IPLIANCE ERS ARE		THAT THE ASSEMBLY CAN BE CONSTRUCTED AND INSPECTED ACCORDINGLY. POP RIVETS, SCREWS, OR OTHER ATTACHMENTS ARE NOT ACCEPTABLE UNLESS SPECIFICALLY DETAILED ON THE DRAWINGS AND APPROVED BY APPROVED TESTING AGENCY.
BETWEEN ETAL TO HE WALL		b. METAL AND OTHER PANELS: METAL PANELS AND PANELS WEIGHING MORE THAN 1/2 PSF, OTHER THAN MINERAL FIBER ACOUSTICAL TILE, ARE TO BE POSITIVELY ATTACHED TO THE CEILING SUSPENSION RUNNERS.
1		c. BUILDING EXIT WAYS: CEILINGS IN EXIT WAYS SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 13.5.6.2.2(1) OF ASCE 7-10 AS AMENDED BY 2013 CBC SECTION 1616A.1.20. SPLICES OR INTERSECTION OF RUNNERS SHALL BE ATTACHED WITH THROUGH CONNECTORS SUCH AS POP RIVETS, SCREWS, PINS, SYSTEM.



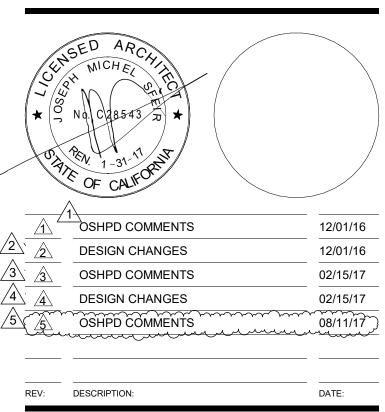
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## TCMC EMERGENCY DEPARTMENT

#### TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056

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STRUCTURAL:	SUN STRUCTURAL ENGINEERING, INC. 2091 LAS PALMAS DRIVE, SUITE D CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188
ME&P:	P2S 9665 CHESAPEAKE DRIVE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347 FAX(619)330-0668



OSHPD APPROVAL STAMP: OSHPD #: S162093-37-00

LAY IN CEILING DETAILS

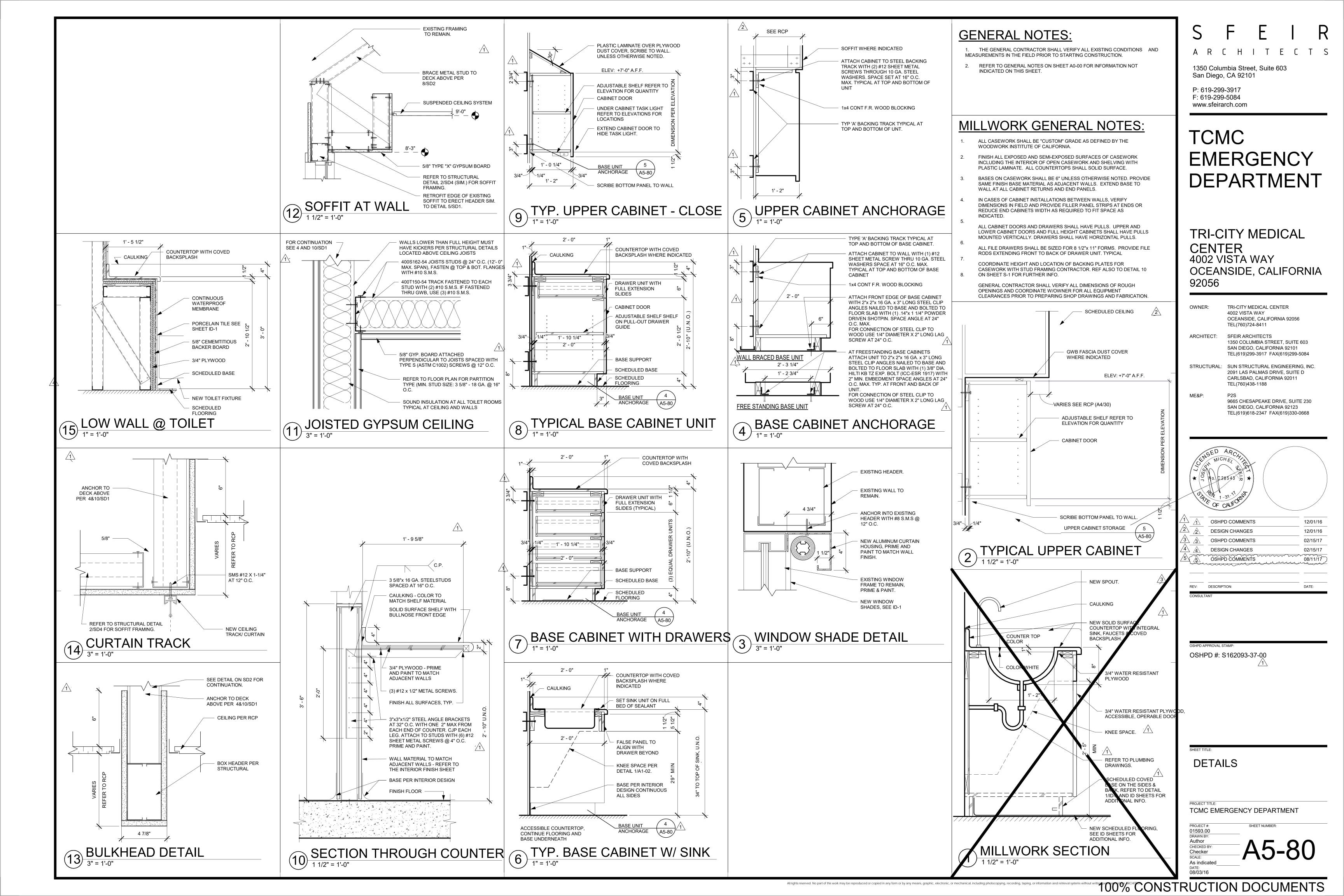
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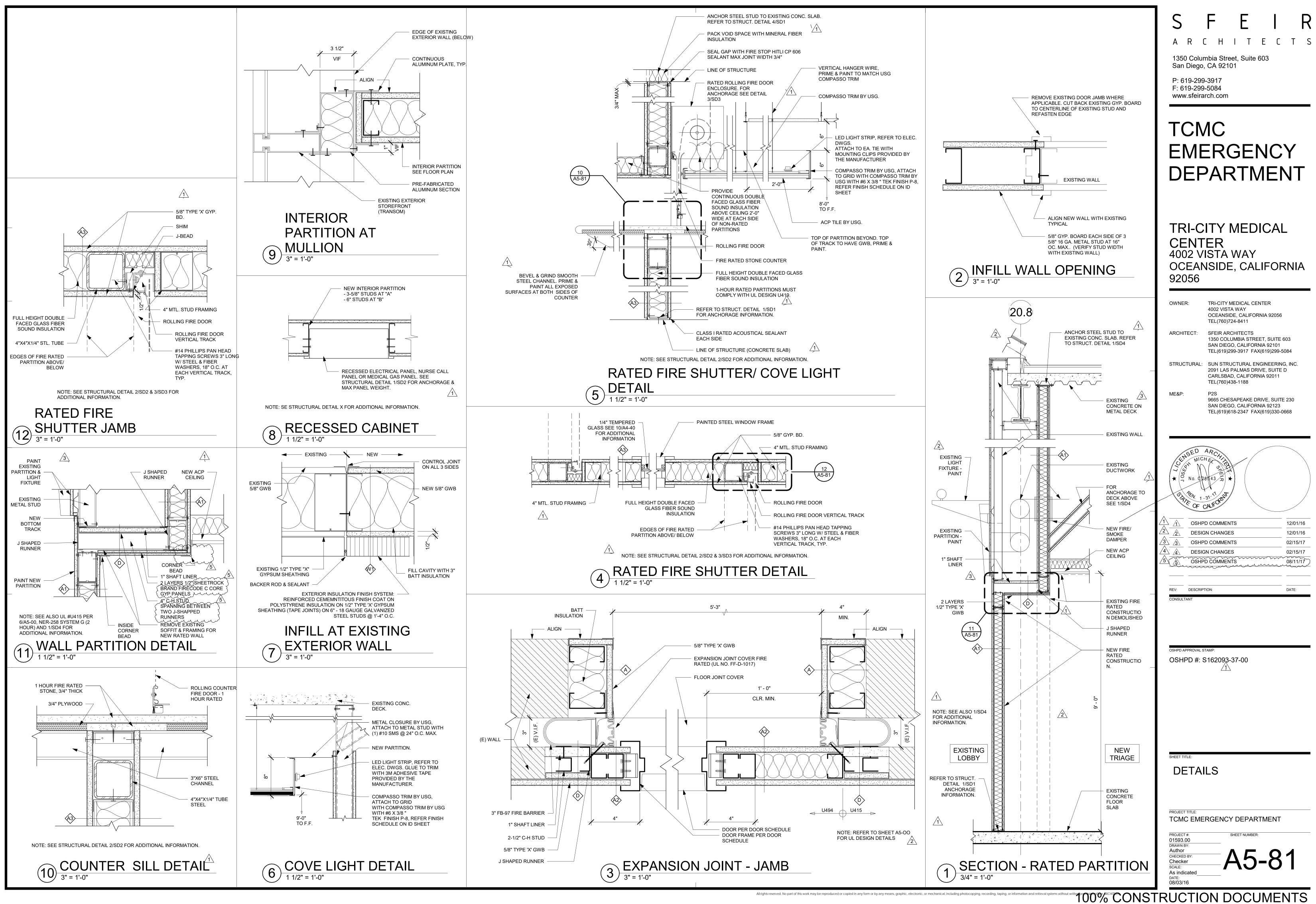
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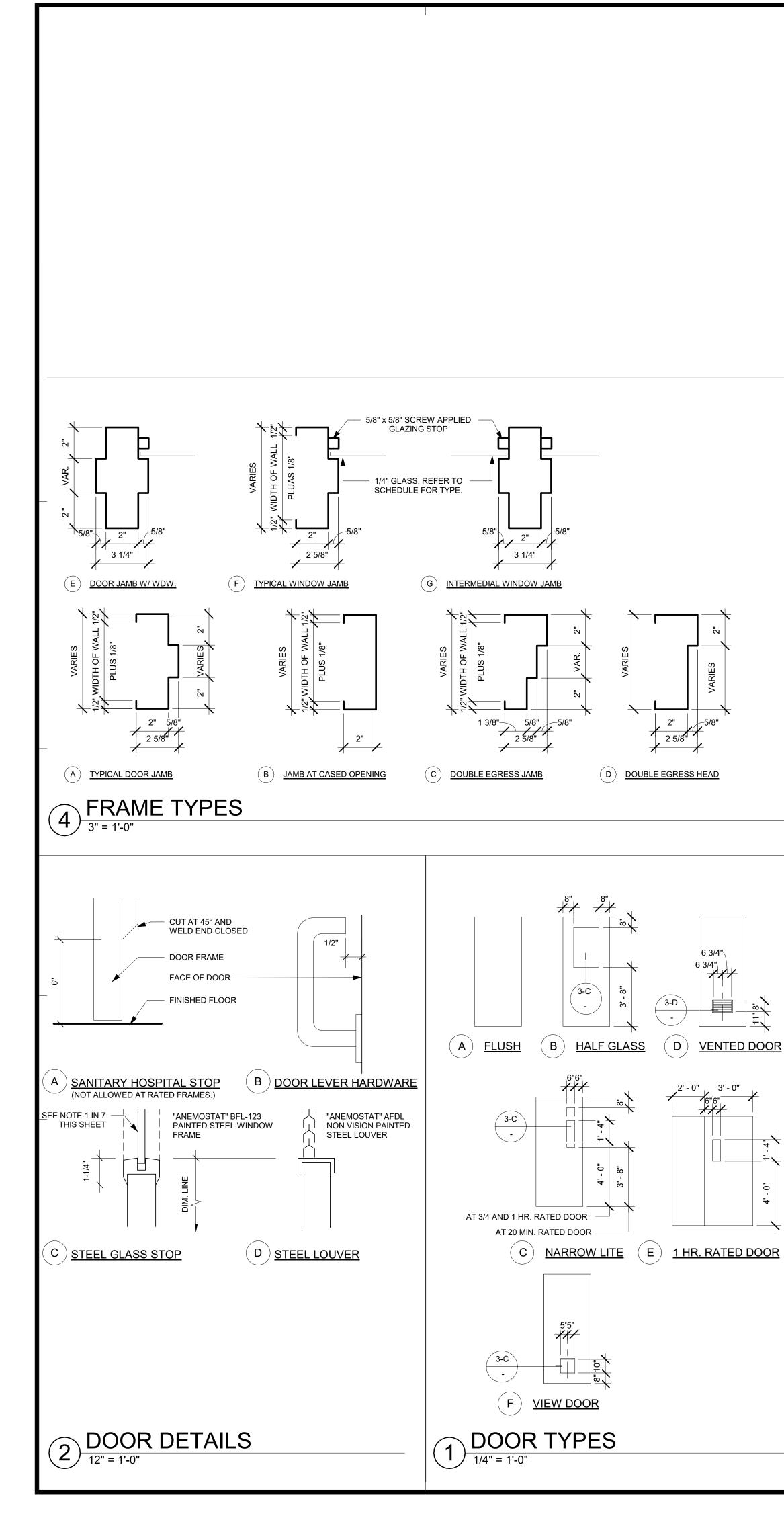
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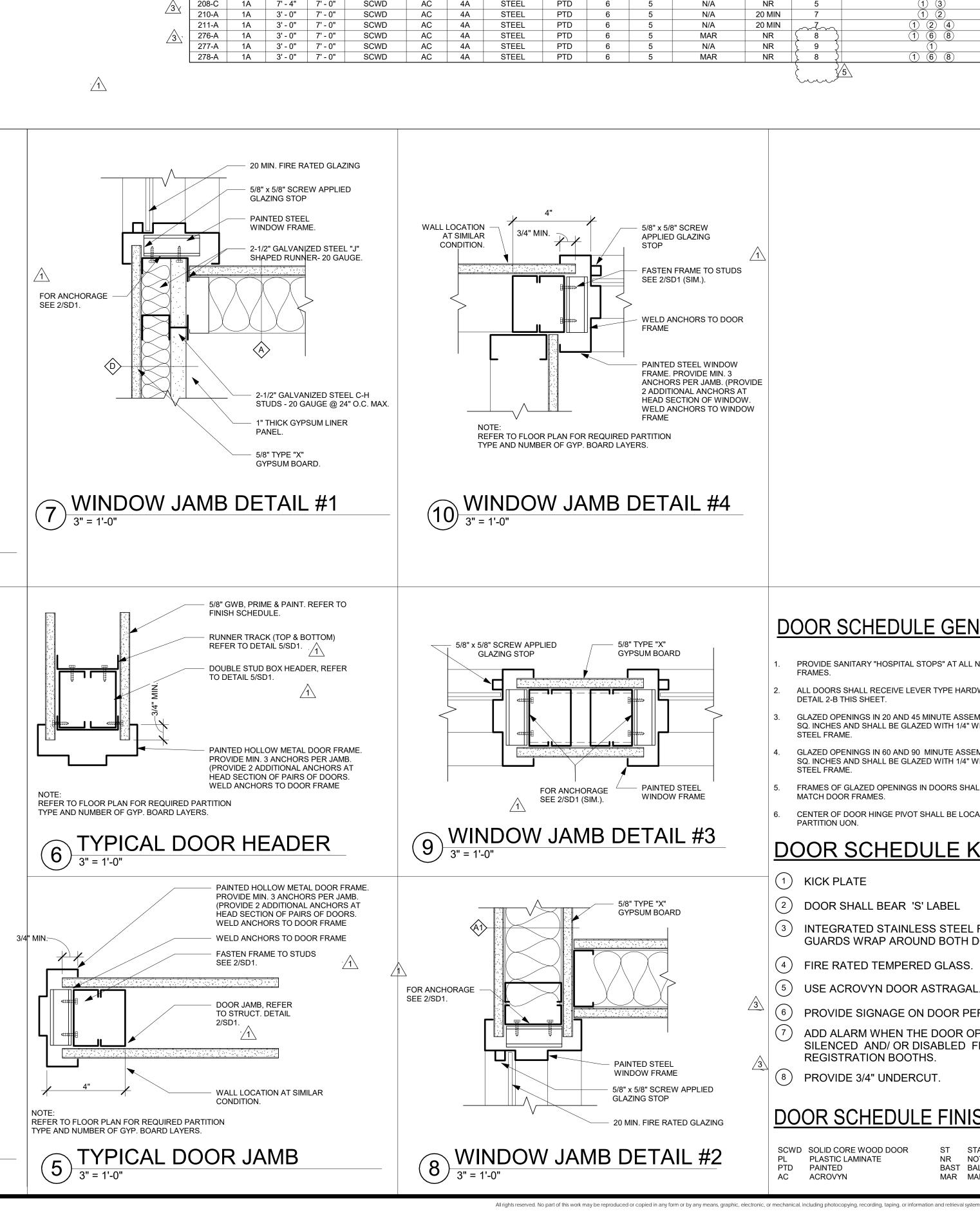
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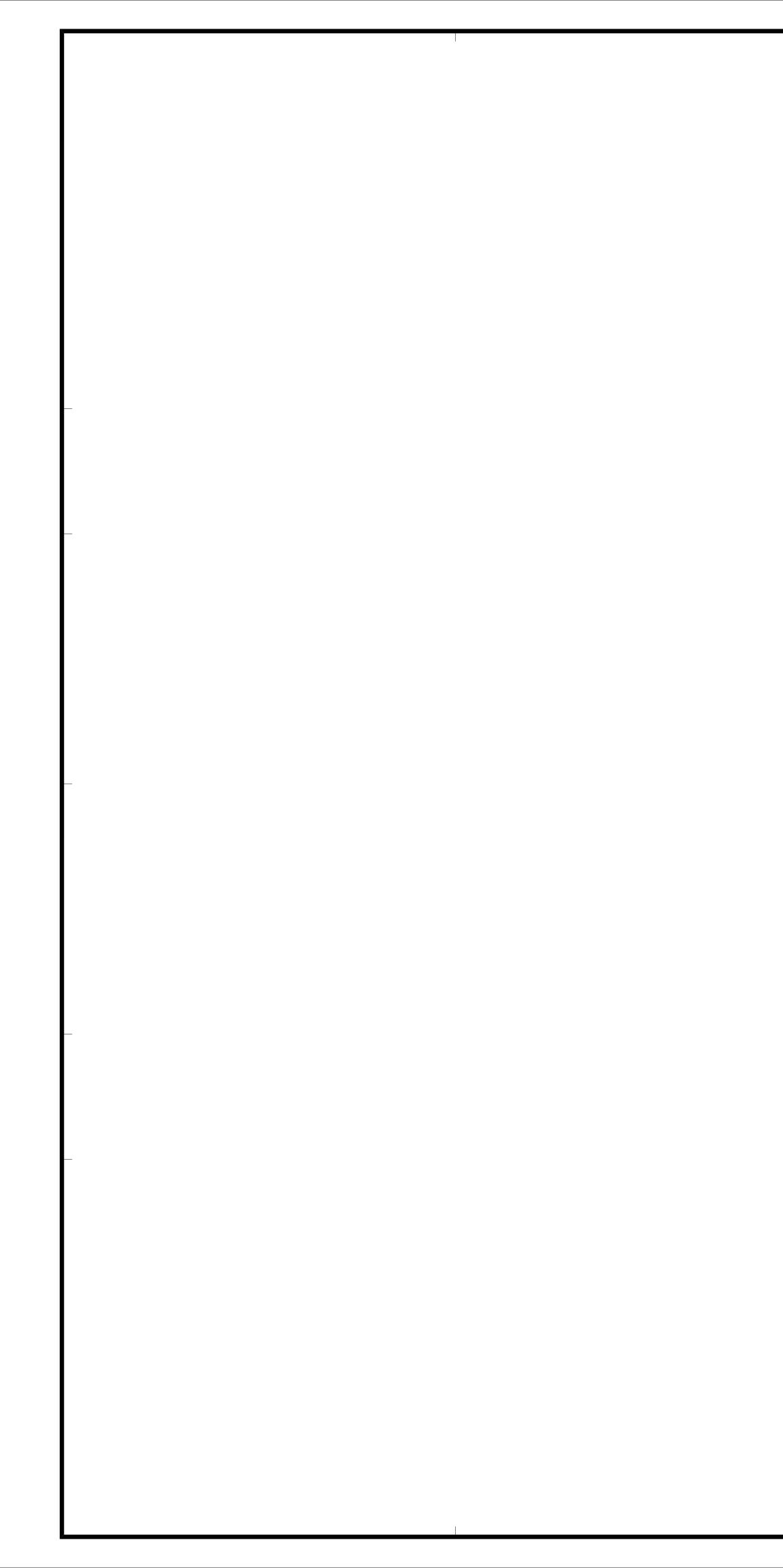


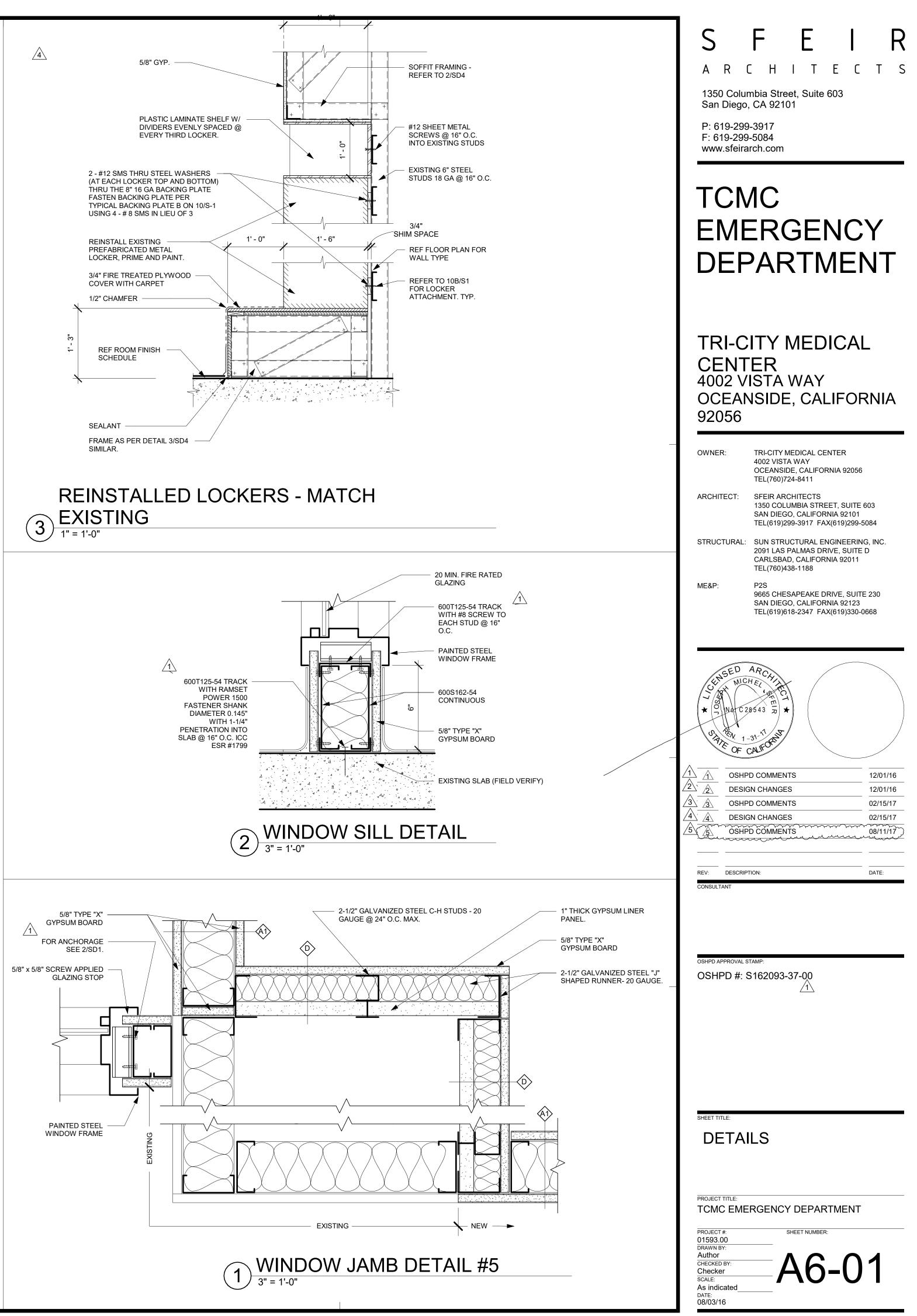


	DOOR AND FRAME SCHEDULE										
			DOC	R			FRAME			DETA	ALS
OPNG		OPEN SIZ	-			FRAMEDETAILSHTYPEMATERIALFINISHHEADJAMBTHRESHOLD4ASTEELPTD65N/A4ASTEELPTD65MAR4ASTEELPTD65MAR4ASTEELPTD65N/A4ASTEELPTD65N/A4ASTEELPTD65N/A4ASTEELPTD65N/A4ASTEELPTD65N/A4ASTEELPTD65N/A4ASTEELPTD65N/A4ASTEELPTD65N/A4ASTEELPTD65N/A4ASTEELPTD65N/A4ASTEELPTD65N/A4ASTEELPTD65N/A4ASTEELPTD65N/A4ASTEELPTD65N/A4ASTEELPTD65N/A4ASTEELPTD65MAR					
. NO.	TYPE	(W)	(H)	MATERIAL	FINISH	TYPE	MATERIAL	FINISH	HEAD	JAMB	THRESHOLD
202-A	1A	3' - 0"	7' - 0"	SCWD	AC	4A	STEEL	PTD	6	5	N/A
204-A	1D ·	33' - 0"	7' - 0"	SCWD	AC	4A	STEEL	PTD	6	5	MAR $\$
205-A	1D	3' - 0"	7' - 0"	SCWD	AC	4A	STEEL	PTD	6	5	MAR 5
207-A	1A	4' - 0"	7' - 0"	SCWD	AC	4A	STEEL	PTD	6	5	N/A
207-B	1A	3' - 0"	7' - 0"	SCWD	AC	4A	STEEL	PTD	6	5	N/A
207-C	1A	7' - 4"	7' - 0"	SCWD	AC	4A	STEEL	PTD	6	5	N/A
208-A	1A	7' - 4"	7' - 0"	SCWD	AC	4A	STEEL	PTD	6	5	N/A $\sqrt{3}$
208-B	1A	7' - 4"	7' - 0"	SCWD	AC	4A	STEEL	PTD	6	5	N/A
208-C	1A	7' - 4"	7' - 0"	SCWD	AC	4A	STEEL	PTD	6	5	N/A
210-A	1A	3' - 0"	7' - 0"	SCWD	AC	4A	STEEL	PTD	6	5	N/A
211-A	1A	3' - 0"	7' - 0"	SCWD	AC	4A	STEEL	PTD	6	5	N/A
276-A	1A	3' - 0"	7' - 0"	SCWD	AC	4A	STEEL	PTD	6	5	MAR
277-A	1A	3' - 0"	7' - 0"	SCWD	AC	4A	STEEL	PTD	6	5	N/A
278-A	1A	3' - 0"	7' - 0"	SCWD	AC	4A	STEEL	PTD	6	5	MAR

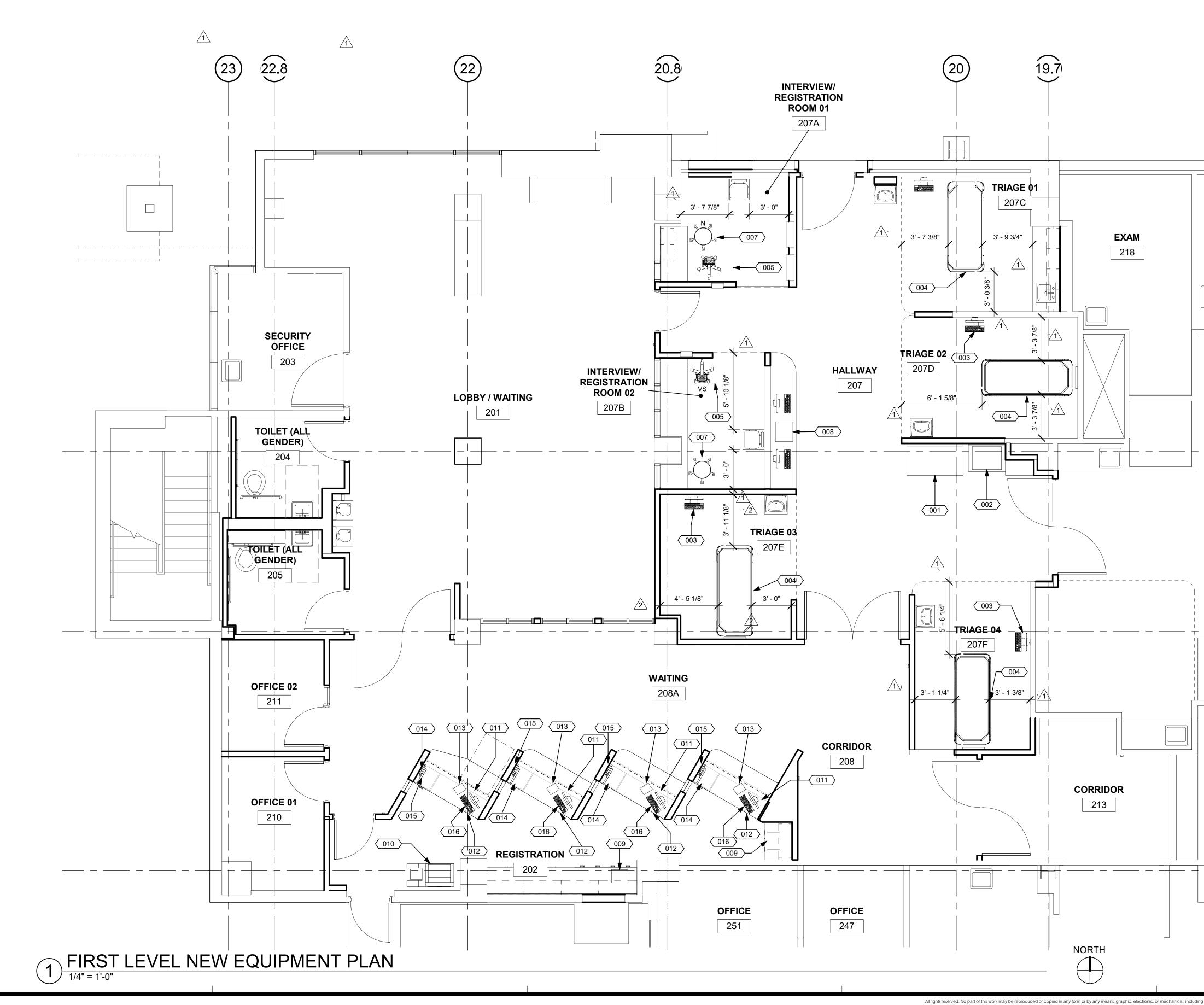
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	SFEIRARCHITECTS1350 Columbia Street, Suite 603 San Diego, CA 92101P: 619-299-3917F: 619-299-5084 www.sfeirarch.comTCMC TCMC SMERGENCY DEPARTMENT
	TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056
UDS OOR OW 3 (PROVIDE	4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056 TEL(760)724-8411 ARCHITECT: SFEIR ARCHITECTS 1350 COLUMBIA STREET, SUITE 603 SAN DIEGO, CALIFORNIA 92101 TEL(619)299-3917 FAX(619)299-5084 STRUCTURAL: SUN STRUCTURAL ENGINEERING, INC. 2091 LAS PALMAS DRIVE, SUITE D CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188
RS AT NDOW. INDOW	ME&P: P2S 9665 CHESAPEAKE DRIVE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347 FAX(619)330-0668
DOOR SCHEDULE GENERAL NOTES:	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
<ol> <li>PROVIDE SANITARY "HOSPITAL STOPS" AT ALL NON-RATED INTERIOR DOOR FRAMES.</li> <li>ALL DOORS SHALL RECEIVE LEVER TYPE HARDWARE WITH A PROFILE EQUAL TO DETAIL 2-B THIS SHEET.</li> <li>GLAZED OPENINGS IN 20 AND 45 MINUTE ASSEMBLIES SHALL NOT EXCEED 1296 SQ. INCHES AND SHALL BE GLAZED WITH 1/4" WIRE GLASS SET IN PAINTED STEEL FRAME.</li> <li>GLAZED OPENINGS IN 60 AND 90 MINUTE ASSEMBLIES SHALL NOT EXCEED 100</li> </ol>	A     A     DESIGN CHANGES     02/15/17       5     05HPD COMMENTS     08/11/17       -     -     -       REV:     DESCRIPTION:     DATE:
<ul> <li>SQ. INCHES AND SHALL BE GLAZED WITH 1/4" WIRE GLASS SET IN PAINTED STEEL FRAME.</li> <li>5. FRAMES OF GLAZED OPENINGS IN DOORS SHALL BE PRIMED AND PAINTED TO MATCH DOOR FRAMES.</li> <li>6. CENTER OF DOOR HINGE PIVOT SHALL BE LOCATED AT 4" FROM ADJACENT PARTITION UON.</li> </ul> <b>DOOR SCHEDULE KEYNOTES:</b>	OSHPD APPROVAL STAMP: OSHPD #: S162093-37-00
<ol> <li>KICK PLATE</li> <li>DOOR SHALL BEAR 'S' LABEL</li> <li>INTEGRATED STAINLESS STEEL RADIUSED EDGE GUARDS WRAP AROUND BOTH DOOR STILES.</li> <li>FIRE RATED TEMPERED GLASS.</li> <li>USE ACROVYN DOOR ASTRAGAL.</li> </ol>	SHEET TITLE:
<ul> <li>BROVIDE SIGNAGE ON DOOR PER 24/A1-02.</li> <li>ADD ALARM WHEN THE DOOR OPENS. ALARM WILL BE SILENCED AND/ OR DISABLED FROM ANY OF THE FOUR REGISTRATION BOOTHS.</li> <li>PROVIDE 3/4" UNDERCUT.</li> </ul>	DOOR AND INTERIOR OPENINGS SCHEDULE
DOOR SCHEDULE FINISH LEGEND:SCWDSOLID CORE WOOD DOORPLPLASTIC LAMINATEPTDPAINTEDACACROVYN	PROJECT #: SHEET NUMBER: 01593.00 DRAWN BY: Author CHECKED BY: Checker SCALE: As indicated DATE:

DATE: 08/03/16





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	EQU	IPMENT SCHEDULE								OPS
5	EQUIPMENT	ŧDĘSÇBIPIQN	WEIGHT (APPROX.) LBS.	₩ <u></u> ₽₽	<u>₩IQTH=b</u>		PLAN/ELEVATIONREMARKSEXIS. NEW O	DEOL OFCI CECI QUANTIT		EMERGENCY ELECTRICAL HEAT SIESMIC PLUMBING
Y	001	PYXIS CABINET	1000 LBS	-6-57/8m	~263/4*	51.5"	x x	X X X X X X X X X X X X X X X X X X X	Y	
	002	PYXIS DISPENSER	> 20 LBS	2' - 3 1/4"	26 3/4"	20 7/8'				
	003	WALL MTD. MONITOR & KEYBOARD	14.86 LBS	1' - 7 1/8"	28.8"	11.1"	X	X 4		
	004	GURNEY	300 LBS	1' - 10 1/2"	33.5"	91"	X	4		
	005	VITAL SIGNS	41.1 LBS	4' - 8 3/8"	22"	22"	X	X 2		
	007	ROLLING CHAIR					X	2		
	008	PRINTER	17.2 LBS	7 1/2"	17.2"	11.7"	X	1		
	009	PRINTER	17.2 LBS	7 1/2"	17.2"	11.7"	X	2		
	010	PRINTER/FAX/COPIER	325.00 LBS	3' - 9 3/4"	28.82"	23.15"	X	1		
	011	MONITOR WITH STAND	7.93 LBS	1' - 7 1/4"	15.19"	7.08"	X	6		
	012	KEYBOARD		1 5/8"	17.9"	6.28"	X	6		
	013	SCANNER	3.40 LBS	1 5/8"	14.60"	9.9"	X	4		
	014	MONITOR WITHOUT STAND	9.26 LBS	1' - 2 7/8"	22.13"	1.97"	X	4		
	015	ARM WALL MOUNT FOR MONITOR	8.1 LBS	5 1/8"	0"	17"	X	X 4		
	016	UNDER-DESK CPU HOLDER	10 LBS	1' - 9 1/2"	5.5"	8.7"	X	X 4		
	017	EAR & NOSE TESTING DEVICE	27.8 LBS	1' - 0 7/8"	34.5"	10"		X 4		



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

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1350 Columbia Street, Suite 603 San Diego, CA 92101

P: 619-299-3917 F: 619-299-5084 www.sfeirarch.com

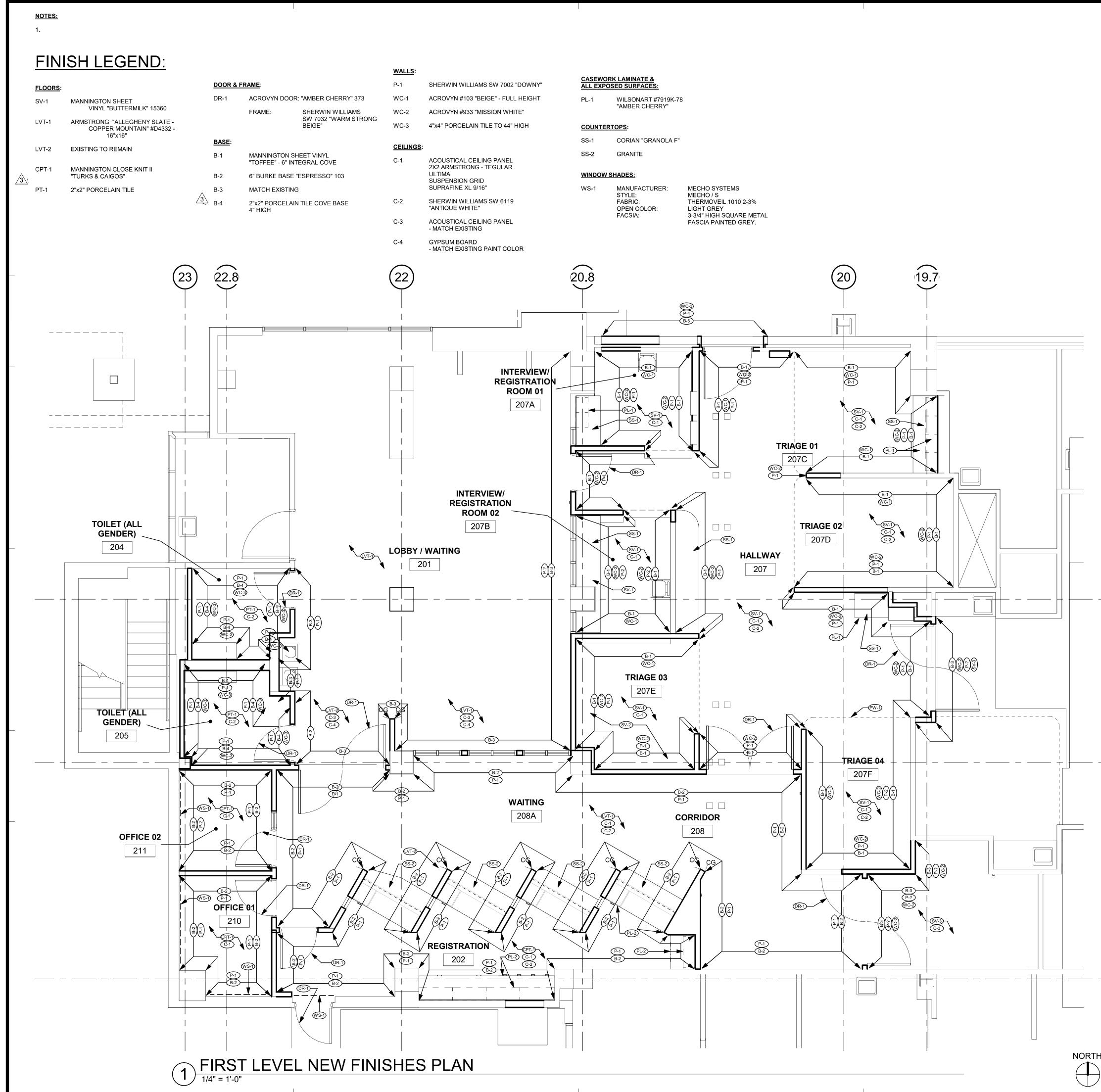
# TCMC EMERGENCY DEPARTMENT

### TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056

	OWNER:	TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056 TEL(760)724-8411	i
	ARCHITECT:	SFEIR ARCHITECTS 1350 COLUMBIA STREET, SUITE SAN DIEGO, CALIFORNIA 92101 TEL(619)299-3917 FAX(619)299-3	
	STRUCTURAL:	SUN STRUCTURAL ENGINEERIN 2091 LAS PALMAS DRIVE, SUITE CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188	
	ME&P:	P2S 9665 CHESAPEAKE DRIVE, SUIT SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347 FAX(619)330-0	
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	SHEET TITLE:		
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	PROJECT #: 01593.00 DRAWN BY: Author CHECKED BY: Checker SCALE:	A6-2	0
	As indicated DATE: 08/02/16		-

TOOM CONSTRUCTION DOCUMENTS

DATE: 08/03/16



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SS-1	CORIAN "GRANOLA F"	
SS-2	GRANITE	



INDICATED ON THIS SHEET.

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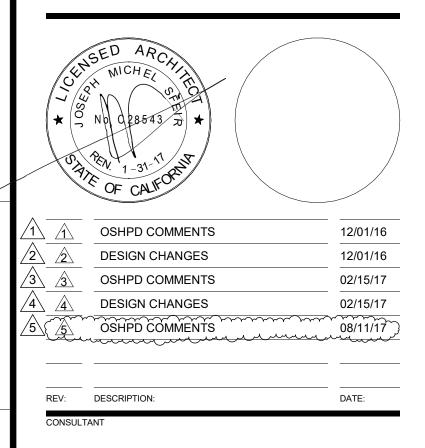
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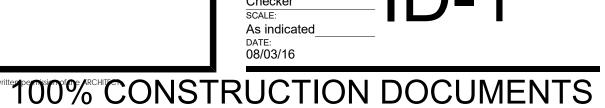
OSHPD APPROVAL STAMP OSHPD #: S162093-37-00

#### FINISHES FLOOR PLAN, **GENERAL NOTES &** LEGEND

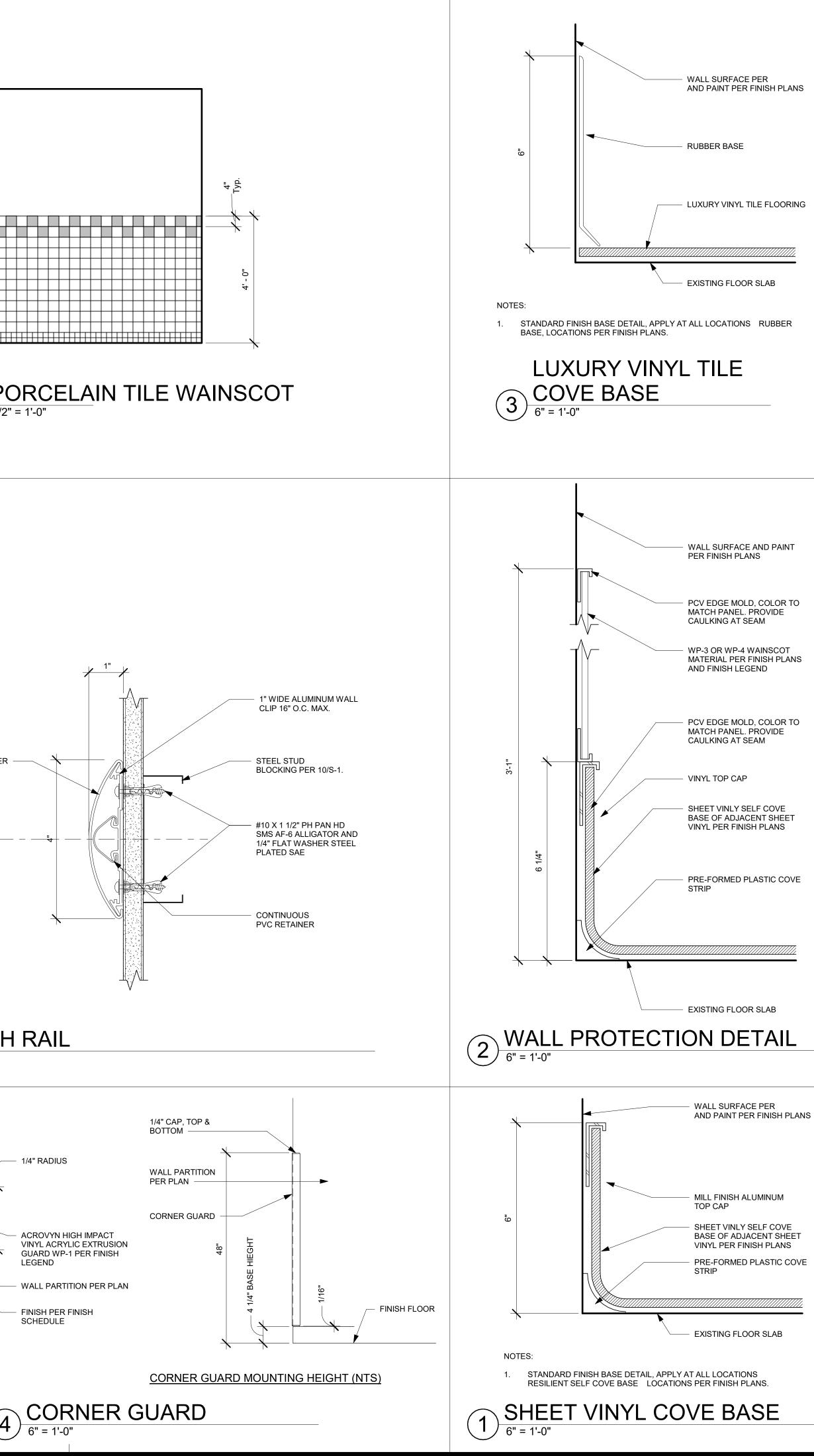
SHEET NUMBER

PROJECT TITLE: TCMC EMERGENCY DEPARTMENT

PROJECT #: 01593.00 DRAWN BY Author CHECKED BY Checker SCALE As indicated



6 P	
2'- 6" TO F.F.	
5 CRASI 6" = 1'-0"	
CONTINUOUS VINYL RETAINER	
#6 X 1 5/8" BUGLE HD DRYWALL SCREWS @ 18" O.C.	



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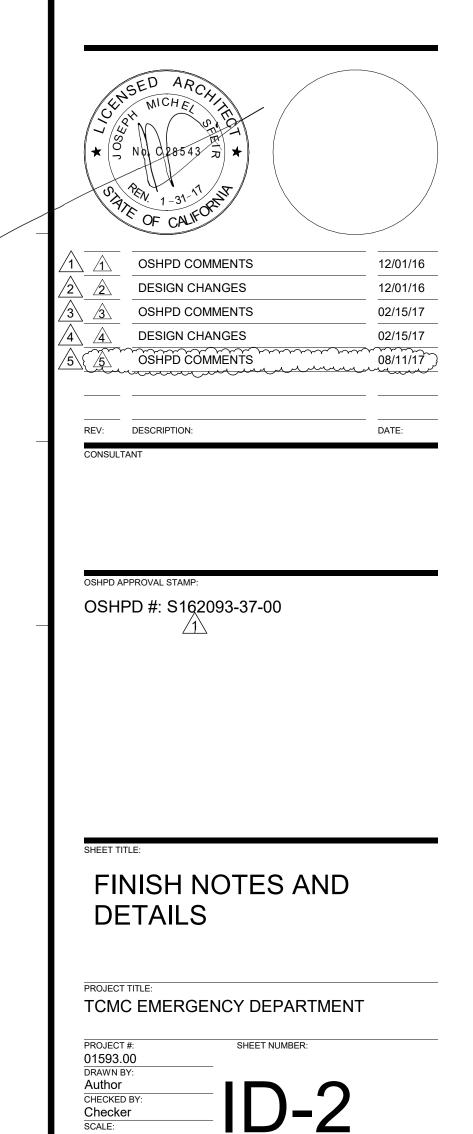
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As indicated DATE: 08/03/16

#### NOTES:

#### FINISH LEGEND:

#### <u>FLOORS</u>:

SV-1	MANNINGTON SHEET VINYL "BUTTERMILK" 15360
LVT-1	ARMSTRONG "ALLEGHENY SLATE - COPPER MOUNTAIN" #D4332 - 16"x16"
LVT-2	EXISTING TO REMAIN
CPT-1	MANNINGTON CLOSE KNIT II "TURKS & CAIGOS"
PT-1	2"x2" PORCELAIN TILE

#### DOOR & FRAME:

DR-1	ACROVYN DOOR: "AMBER CHERRY" 373		
	FRAME:	SHERWIN WILLIAMS SW 7032 "WARM STRONG BEIGE"	
BASE:			
B-1	MANNINGTON SHEET VINYL "TOFFEE" - 6" INTEGRAL COVE		
B-2	6" BURKE BASE "ESPRESSO" 103		
B-3	MATCH EXISTING		
B-4	2"x2" PORCELAIN TILE COVE BASE 4" HIGH		

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P-1

WC-1

WC-2

WC-3

C-1

C-2

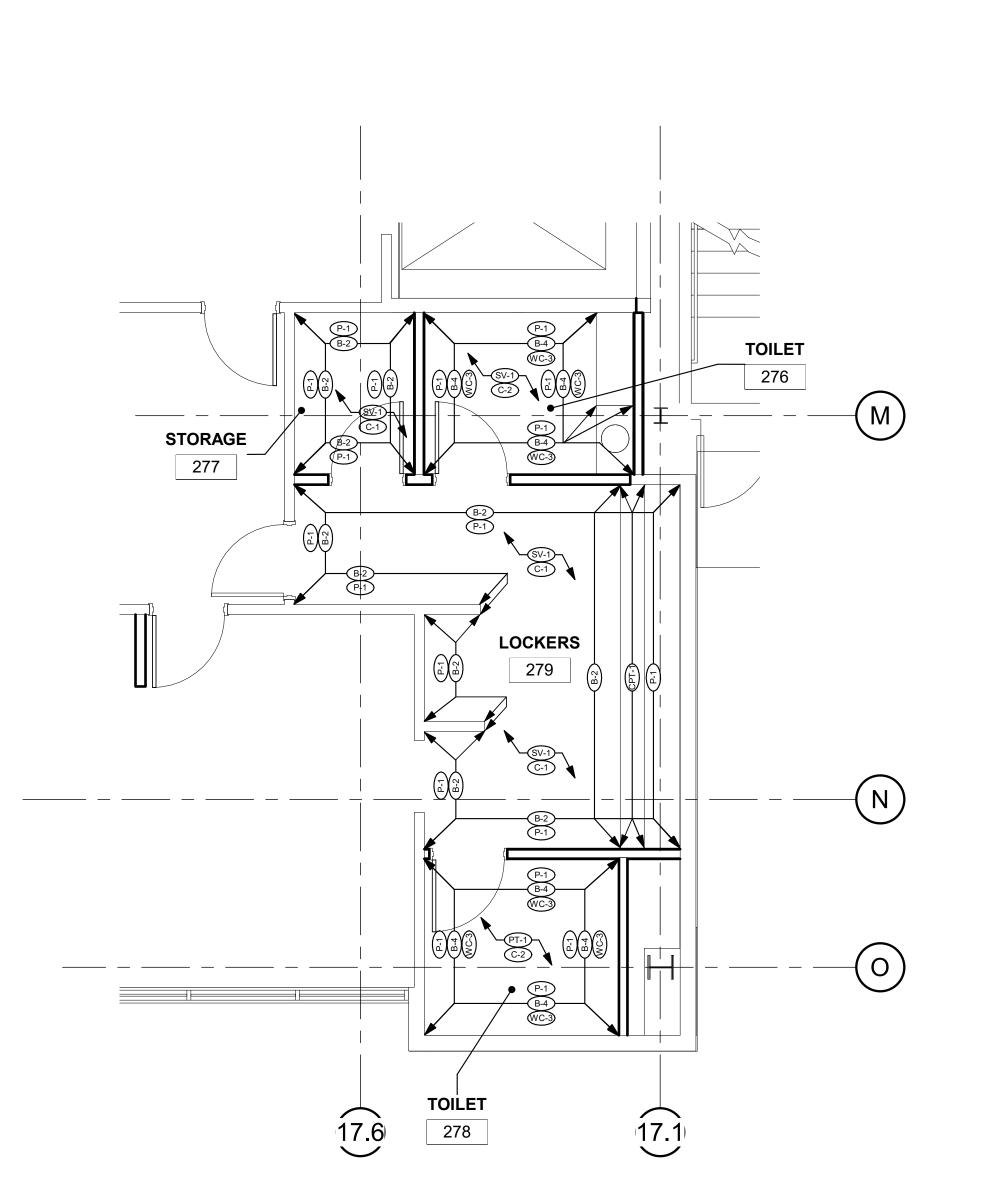
C-3

C-4

SHERWIN WILLIAMS SW 7002 "DOWNY" ACROVYN #103 "BEIGE" - FULL HEIGHT ACROVYN #933 "MISSION WHITE" 4"x4" PORCELAIN TILE TO 44" HIGH

#### CEILINGS:

ACOUSTICAL CEILING PANEL 2X2 ARMSTRONG - TEGULAR ULTIMA SUSPENSION GRID SUPRAFINE XL 9/16"
SHERWIN WILLIAMS SW 6119 "ANTIQUE WHITE"
ACOUSTICAL CEILING PANEL - MATCH EXISTING
GYPSUM BOARD - MATCH EXISTING PAINT COLOR



# 1) FIRST LEVEL NEW FINISHES LOCKER PLAN

#### CASEWORK LAMINATE & ALL EXPOSED SURFACES:

PL-1 WILSONART #7919K-78 "AMBER CHERRY"

#### COUNTERTOPS:

SS-1 CORIAN "GRANOLA F"

SS-2 GRANITE

#### WINDOW SHADES:

RER:
R:

MECHO SYSTEMS MECHO / S THERMOVEIL 1010 2-3% LIGHT GREY 3-3/4" HIGH SQUARE METAL FASCIA PAINTED GREY.

### **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.

### FINISH PLAN GENERAL NOTES:

- 1. PATCH AND REPAIR FINISHES IN LIKE KIND WHERE AFFECTED BY NEW CONSTRUCTION ON EXISTING BUILDING FINISHES.
- 2. ALL WINDOW COVERING TO BE CENTERED ON STOREFRONT AND INTALL PER MANUFACTURER'S REQUIREMENTS.
- 3. REFER TO ENLARGE FLOOR PLANS FOR CORNER GUARDS, CRASH RAIL AND CHAIRD RAIL LOCATONS.
- 4. REFER TO INTERIOR ELEVATIONS AND SHEET A5-80 FOR ALL CASEWORK FINISHES.
- 5. CONTRACTOR SHALL SUBMIT SIX (6) COPIES OF MANUFACTURER'S SPECIFICATIONS AND INSTALLATION INSTRUCTIONS FOR ALL FLOORING, CEMENT LEVELING AND PATCHING MATERIALS. PERFORM STRICTLY IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. PROVIDE MAINTENANCE INFORMATION TO THE FACILITIES MAINTENANCE DEPARTMENT.
- 6. PATCH AND REPAIR EXISTING SUB FLOOR SLAB AS REQUIRED TO PROVIDE A SMOOTH SURFACE FOR NEW FLOORING PER MANUFACTURER'S INSTALLATION REQUIREMENTS. PROVIDE SELF-LEVELING UNDERLAYMENT CONCRETE.
- 7. FLOORING PREPARATION SHALL BE PERFORMED AS REQUIRED BY THE FLOOR FINISH MANUFACTURER IN A MANNER SUCH THAT THE MANUFACTURER'S PRODUCT WARRANTY WILL REMAIN IN EFFECT. IF FIELD CONDITIONS REQURIE VARIATIONS FROM MANUFACTURER'S REQUIREMENTS, THE CONTRACTOR SHALL NOTIFY THE FACILITIES MANAGER IN WRITING DTO RECEIVE INSTRUCTIONS ON HOW TO PROCEED.
- 8. ALL ADHESIVES FOR FINISH MATERIALS SHALL HAVE LOW VOC EMISSIONS. CONTRACTOR SHALL PROVIDE DIRECT VENTILATION TO PREVENT VOC'S OUT GASSING FROM ADHESIVES FROM ENTERING THE BUILDING HVAC SYSTEM AND AFFECTING THE OCCUPANTS OF THE BUILDING.
- 9. CONTRACTOR TO PROVIDE TRANSITIONS BETWEEN FLOORING MATERIALS PER DETAILS ON SHEET A5-90. ALL TRANSITIONS LOCATED UNDER DOORS, TO BE CENTERED UNDER DOOR.
- 10. DOOR SWING: CONTRACTOR SHALL INSTALL ALL NEW FLOORING SUCH THAT IT DOES NOT INTERFERE WITH EXISTING DOORS AND SUCH A WAY THAT EXISTING DOORS DO NOT TOUCH THE SURFACE OF NEW FLOORING. ANY PROBLEMATIC DOORS SHALL BE BROUGHT TO THE ATTENTION FO THE FACILITIES CONSTRUCTION REPRESENTATIVE PRIOR TO FLOORING PREPARATION.
- 11. PERFORM CALCIUM CHLORIDE TEST FOR ALL SLAB SUBFLOORS WHERE SLAB IS NEW, OR ALL EXISTING SLAB ON GRADE LOCATIONS. WHERE EXISTING SLAB IS ABOVE GRADE, CONTRACTOR MAY LIMIT TESTING TO AREAS NEAR A SOURCE OF WATER SUCH AS AROUND PLUMBING LINES, SHOWER STALLS, ROOF DRAINS, ETC. WHERE MOISTURE IN THE SLAB EXCEEDS FINISH MATERIAL'S MANUFACTURER'S RECOMMENDATIONS, REFER TO NOTES ABOVE FOR MANUFACTURER'S WARRANTY REQUIREMENTS.
- 12. CONTRACTOR TO INCLUDE ALLOWANCE FOR CONCRETE SLAB SEALER TO BE FURNISHED AND APPLIED UNDER ALL FLOOR FINISHES ON SLAB ON GRADE.
- 13. CONTRACTOR SHALL VERIFY LEAD TIMES FOR ALL FINISH MATERIALS AND SHALL BE RESPONSIBLE TO HAVE ALL MATERIALS ON THE JOB SITE ON TIME. NO SUBSTITUTIONS SHALL BE MADE DUE TO LATE ORDERING OF MATERIALS.
- 14. CONTINUE ALL FLOOR FINISHES UNDER ALL APPLIANCES AND REMOVABLE CABINETS AND EQUIPMENT.

#### PAINT AND WALL FINISHES:

- 15. PAINT FINISHES (SHEEN) AS FOLLOWS:
- WALLS: EGGSHELL SHEEN EXCEPTIONS SIMI GLOSS SHEEN AT: TOILETS PUBLIC AND LABS, FOOD SERVICE AREAS, TRASH AND UTILITY ROOMS. PAINTED DOORS & FRAMES: SEMI GLOSS CEILING AND SOFFITS: FLAT
- NOTE: REFER TO INTERIOR ELEVATIONS WHERE FOR LOCATIONS WHERE EPOXY PAINT IS REQUIRED.
- 16. SUBMIT ALL FINISH SAMPLES TO ARCHITECT FOR APPROVAL, INCLUDING DRAW DOWNS OF ALL PAINT COLORS IN ALL FINISH TYPES AS USED.
- 17. PAINT ALL ACCESS PANELS TO MATCH ADJ. WALL SURFACE
- 18. PLASTER FINISH SHALL BE LEVEL FOR WHERE A PAINTED FINISH SURFACE IS SHOWN.

#### RESILIENT FLOORING:

- 19. ALL RESILIENT FLOORING INSTALLATIONS SHALL BE COMPLETED TO THE POINT READY FOR THE FIRST DAY OF USE AND IN AS NEW CONDITION, CLEAN CONSTRUCTION DUST AND DERBY, DAMP MOP AND APPLY A SEALER OR WAXED PER MANUFACTURER'S RECOMMENDATIONS FOR THE PRODUCT. FLOORING CONTRACTOR TO PROVIDE THE PRODUCT SPECIFICATION AND A RECOMMENDED REAPPLICATION TIME FOR THE SEALER OR WAX TO THE FACILITIES MAINTENANCE OFFICE.
- 20. ALL SHEET GOODS OF RESILIENT FLOORING SHALL BE INSTALLED USING HEAT WELD SEAMS, WELDING RODS SHALL MATCH THE COLOR OF THE FLOORING MATERIAL UNLESS OTHERWISE NOTED ON THE FINISH PLAN OR LEGEND.

#### CASEWORK AND MILL WORK:

- 21. ALL CASEWORK AND MILL WORK TO CONFORM TO THE REQUIREMENTS OF THE LATEST EDITION OF W.I.C. FOR CUSTOM GRADE.
- 22. WOOD SAMPLES PROVIDED TO THE COTNRACTOR ARE FOR COLOR ONLY. CONTRACTOR TO SUBMITT SAMPLES FOR ALL WOOD FINISHES FOR APPROVAL AND VERFIY SHEEN OF FINISH FOR ALL LOCATIONS OF STAINED WOOD FINISH. SUBMITTALS SHALL INCLUDE INFORMATION ON THE SPECIES OF WOOD USED, VENEER MATCHING PROPOSED AND CLEAR FINISH PROPOSED OVER THE STAIN.
- 23. SHOP DRAWINGS SHALL BE SUBMITTED FOR ALL CASEWORK AND MILL WORK.

#### FLAME SPREAD:

24. FLAME SPREAD OF FINISH MATERIALS: WALL, FLOOR AND CEILING SHALL NOT EXCEED THE FLAME SPREAD CLASSIFICATIONS IN CBC TABLE 803.5



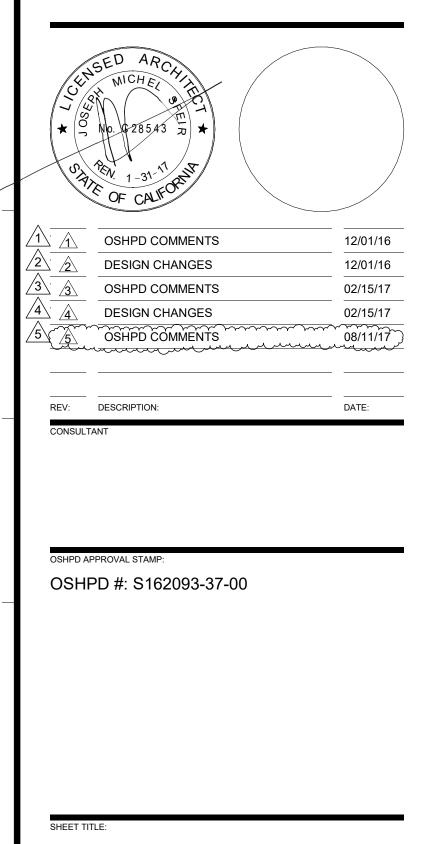
1350 Columbia Street, Suite 603 San Diego, CA 92101

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## TCMC EMERGENCY DEPARTMENT

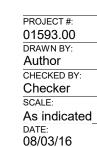
#### TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056

OWNER:	TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056 TEL(760)724-8411
ARCHITECT:	SFEIR ARCHITECTS 1350 COLUMBIA STREET, SUITE 603 SAN DIEGO, CALIFORNIA 92101 TEL(619)299-3917 FAX(619)299-5084
STRUCTURAL:	SUN STRUCTURAL ENGINEERING, INC. 2091 LAS PALMAS DRIVE, SUITE D CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188
ME&P:	P2S 9665 CHESAPEAKE DRIVE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347 FAX(619)330-0668



#### FINISHES FLOOR PLAN, STAFF LOCKERS

PROJECT TITLE: TCMC EMERGENCY DEPARTMENT



ID-3

SHEET NUMBER



- 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 CLARFICATION 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
- 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 SHAL 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.
- ALL WORKS SHALL CONFORM TO THE STANDARDS OF THE 2013 CALIFORNIA BUILDING CODE. 7. A.S.T.M. SPECIFICATIONS NOTED ON THE DRAWINGS SHALL BE OF THE LATEST
- 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

EPOXY ANCHOR

1. ALL FIELD INSTALLED CONCRETE EXPANSION ANCHORS SHALL BE HILTI KB-TZ ANCHORS. ANCHOR TYPE ICC-ES ESR#

3/8"ø HILTI KB TZ 1917

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" FOR 3/8"Ø, (INSTALLED IN NORMAL WT. CONCRETE WITH fc' = 3000 PSI)

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

## 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 EVDENCED 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 (1) TURN OF THE NUT FOR A 3 IN. SLEEVE ANCHOR ONLY. 2. THREADED TYPE: ONE QUARTER (1) TURN OF THE SCREW AFTER INITIAL SEATING OF THE SCREW HEAD.

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

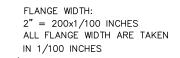
MINIMUM OF 50% OF THE INSTALLED ANCHOR SHALL BE TESTED. (ALTERNATE ANCHORS IN ANY GROUP ARRANGEMENT) IF ANY ANCHOR FAILS TESTING, TEST ALL ANCHORS OF THE SAME TYPE, INSTALLED BY THE SAME TRADE, NOT PREVIOUSLY TESTED UNTIL TWENTY (20) CONSECUTIVE ANCHORS PASS, THEN RESUME THE INITIAL TEST FREQUENCY. TESTS SHALL BE PERFORMED PER CBC 2013, 1913A.7.

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

COLD-FORMED STEEL FRAMING

- DESIGN, MANUFACTURE AND INSTALLATION OF LIGHT GAGE, COLD-FORMED STEEL JOISTS, PURLINS AND STUDS SHALL CONFORM WITH THE LATEST EDITION OF THE LIGHT GAGE, COLD-FORMED STEEL DESIGN MANUAL ISSUED BY THE AISI.
- 2. STRUCTURAL LIGHT GAUGE STUDS, TRACK, BRIDGING, AND ACCESSORIES SHALL COMPLY WITH STEEL STUD MANUFACTURERS ASSOCIATION ICBO ER-4943P STRUCTURAL LIGHT GAUGE CH STUDS, J RUNNER TRACK, AND ACCESSORIES SHALL COMPLY WITH DIETRICH
- METAL FRAMING ICC-ESR# 1166P ALL WELDING SHALL BE IN CONFORMANCE WITH AWS D1.3 "STRUCTURAL WELDING CODE – SHEET STEEL". QUALIFICATION OF WELDERS SHALL BE IN ACCORDANCE WITH AWS D1.1, CHAPTER 5, PART C, "WELDER QUALIFICATION". SEE LATEST EDITION OF THE AISI SPECIFICATIONS FOR THE "DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS" FOR ALLOWABLE WELD WALLES
- VALUES. FRAMING SHALL BE ERECTED PLUMB, LEVEL AND SQUARE. BRIDGING AND DIAGONAL TENSION STRAPS SHALL BE USED.
- TEMPORARY BRACING SHALL BE PROVIDED AS REQUIRED UNTIL ERECTION IS COMPLETE AND SAFELY SECURED TO STRUCTURE.
- 6. COLD-FORMED STEEL YIELD STRENGTH (fy) IS 33 KSI. IDENTIFICATION OF SSMA PRODUCTS

MEMBER DEPTH:  $3.62'' = 362 \times 1/100$  INCHES ALL MEMBER DEPTHS ARE TAKEN IN 1/100 INCHES FOR ALL "T" SECTIONS MEMBER DEPTH IS THE INSIDE TO INSIDE DIMENTION



DESIGN THICKNESS

362 \$ 162 - 54	
	MATERIAL THICKNESS:
	0.054" = 54 MILS (16 GA.)
STYLE:	MATERIAL THICKNESS IS THE
S = STUD OR JOIST SECTIONS	MIN. BASE METAL THICKNESS
T = TRACK SECTIONS	REPRESENTS 95% OF THE

#### <u>EXAMPLE</u> COLD-FORMED STEEL STUDS PROPERTIES

	COLD-FORMED STEEL STODS FROFERTIES				
$\wedge$	IDENTIFICATION	MEMBER DEPTH	FLANGE WIDTH	MATERIAL THICKNESS	
	362S200-54	3.62"	2"	16 GA.	
$\wedge$	362S162-54	3.62"	1.625"	16 GA.	
	362T125-54	3.62"	1.25"	16 GA.	
	362T125-43	3.62"	1.25"	18 GA.	
	400S162-54	4"	1.625"	16 GA.	
	600S200-54	6"	2"	16 GA.	
	600T125-54	6"	1.25"	16 GA.	
	600T200-54	6"	2"	16 GA.	

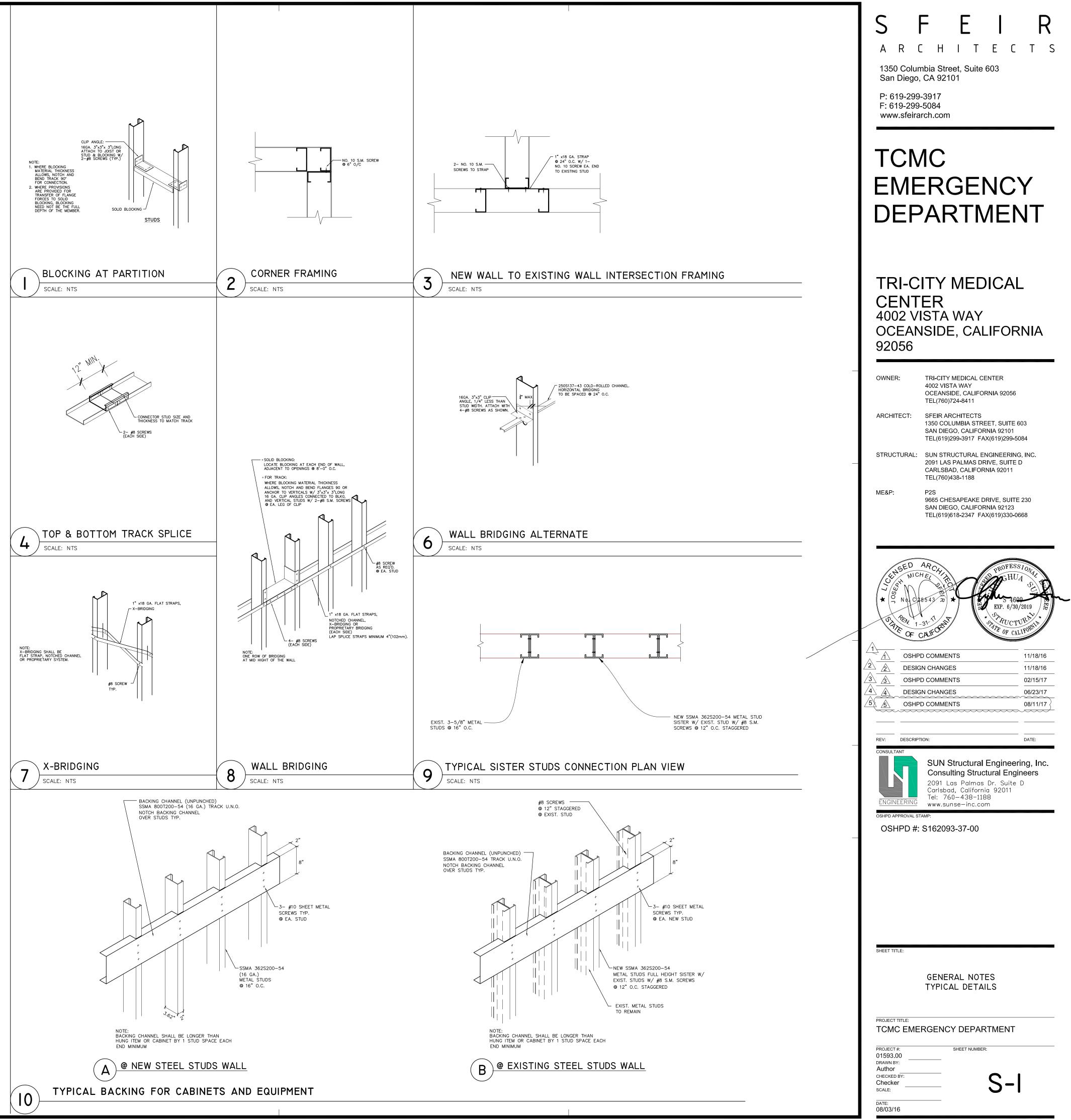
#### STRUCTURAL STEEL:

STRUCTURAL STEEL SHALL COMPLY WITH THE FOLLOWING U.N.O.: STEEL CHANNELS AND ANGLES ASTM A36 STRUCTURAL TUBES A500, GRADE B STEEL PLATE ASTM A36 STEEL BOLT ASTM A307 ALL STEEL MEMBERS TO BE PRIME PAINTED.

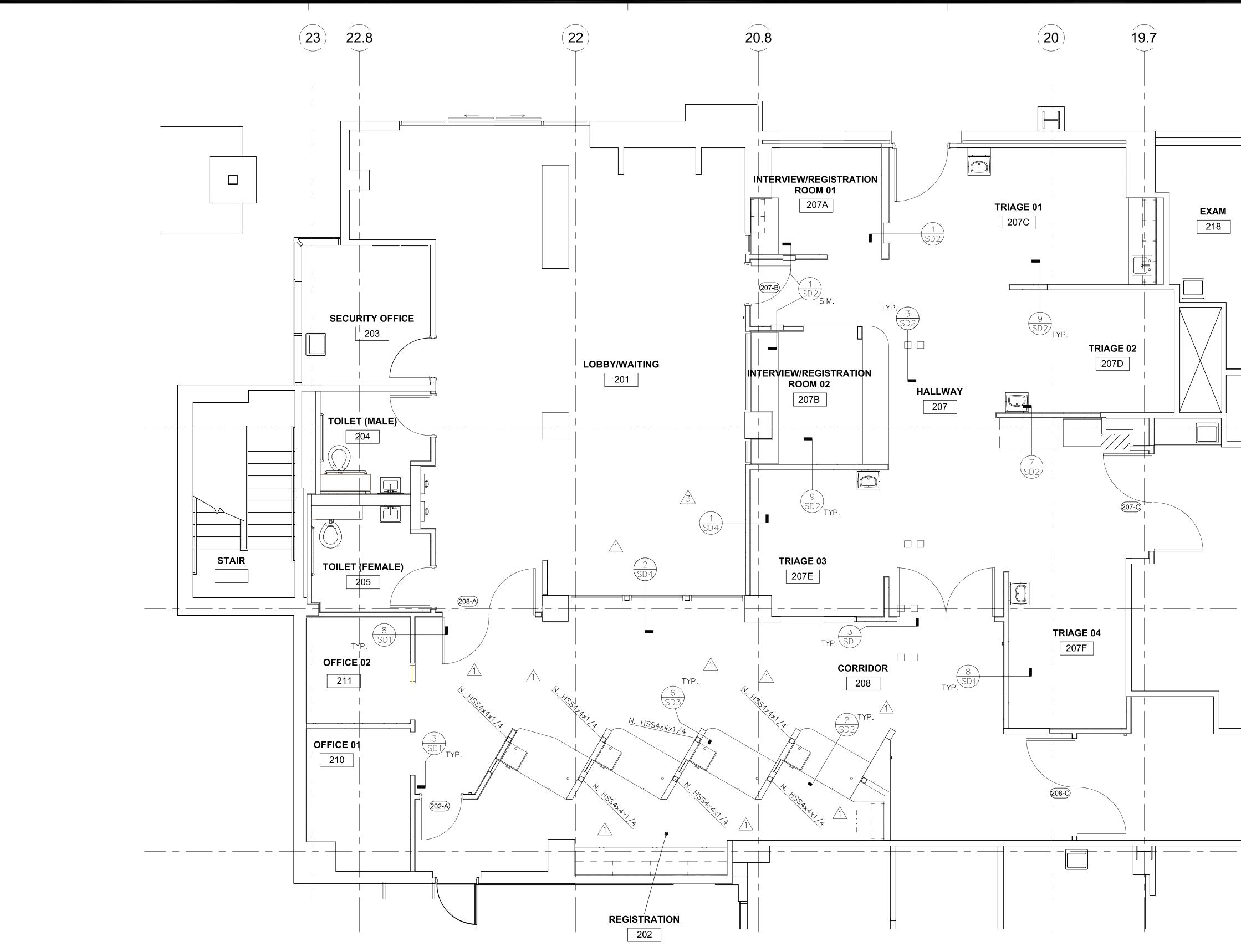
#### SEISMIC LOAD

SITE LOCATION: LONGITUDE: 117.29178' WEST, LATITUDE: 33.18425' NORTH DESIGN SPECTRAL RESPONSE ACCLERATION: S<sub>DS</sub>= 0.760, S<sub>D1</sub>= 0.435

SEISMIC IMPORTANCE FACTOR, Ip = 1.5SEISMIC FORCE COEFFICIENTS:  $a_p = 1.0$ ,  $R_P = 2.5$ SEISMIC DESIGN CATEGORY "D"



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

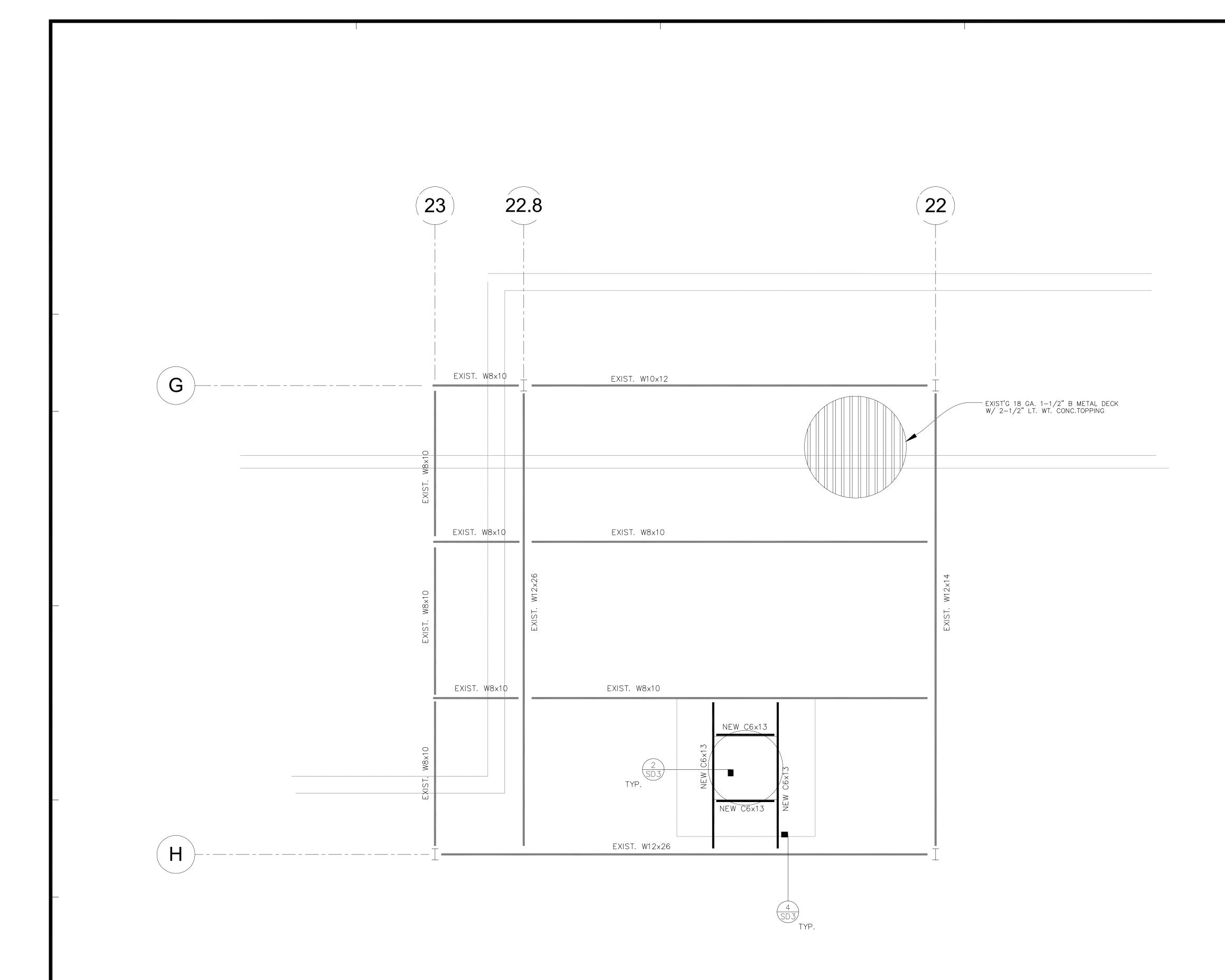


1. DO NOT SCALE THESE DRAWINGS. PRIOR TO START OF CONSTRUCTION, ALL DIMENSIONS AND ELEVATIONS MUST BE VERIFIED WITH THE APPRD. SET OF ARCHITECHURAL DRAWINGS. IN CASE OF DISCREPENCIES, STRUCTURAL ENGINEER OF RECORD MUST BE NOTIFIED IN WRITING.

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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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(H)	TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056
	OCEANSIDE, CALIFORNIA 92056 TEL(760)724-8411 ARCHITECT: SFEIR ARCHITECTS 1350 COLUMBIA STREET, SUITE 603 SAN DIEGO, CALIFORNIA 92101 TEL(619)299-3917 FAX(619)299-5084 STRUCTURAL: SUN STRUCTURAL ENGINEERING, INC. 2091 LAS PALMAS DRIVE, SUITE D CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188 ME&P: P2S 9665 CHESAPEAKE DRIVE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347 FAX(619)330-0668
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. — J	A       DESIGN CHANGES       06/23/17         OSHPD COMMENTS       08/11/17         REV:       DESCRIPTION:       DATE:         CONSULTANT       DATE:       DATE:         CONSULTANT       SUN Structural Engineering, Inc. Consulting Structural Engineers         ENGINEERING       SUN Structural Engineers         2091       Las Palmas Dr. Suite D         Carlsbad, California 92011       Tel: 760-438-1188         WW.SUITS       OSHPD APPROVAL STAMP:         OSHPD #PROVAL STAMP:       OSHPD #: S162093-37-00
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# PARTIAL ROOF FRAMING PLAN

SCALE: 1/2"=1'-0"

GENERAL 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.

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- ENGINEER MUST BE NOTIFIED IN WRITING.

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# TCMC EMERGENCY DEPARTMENT

# TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056

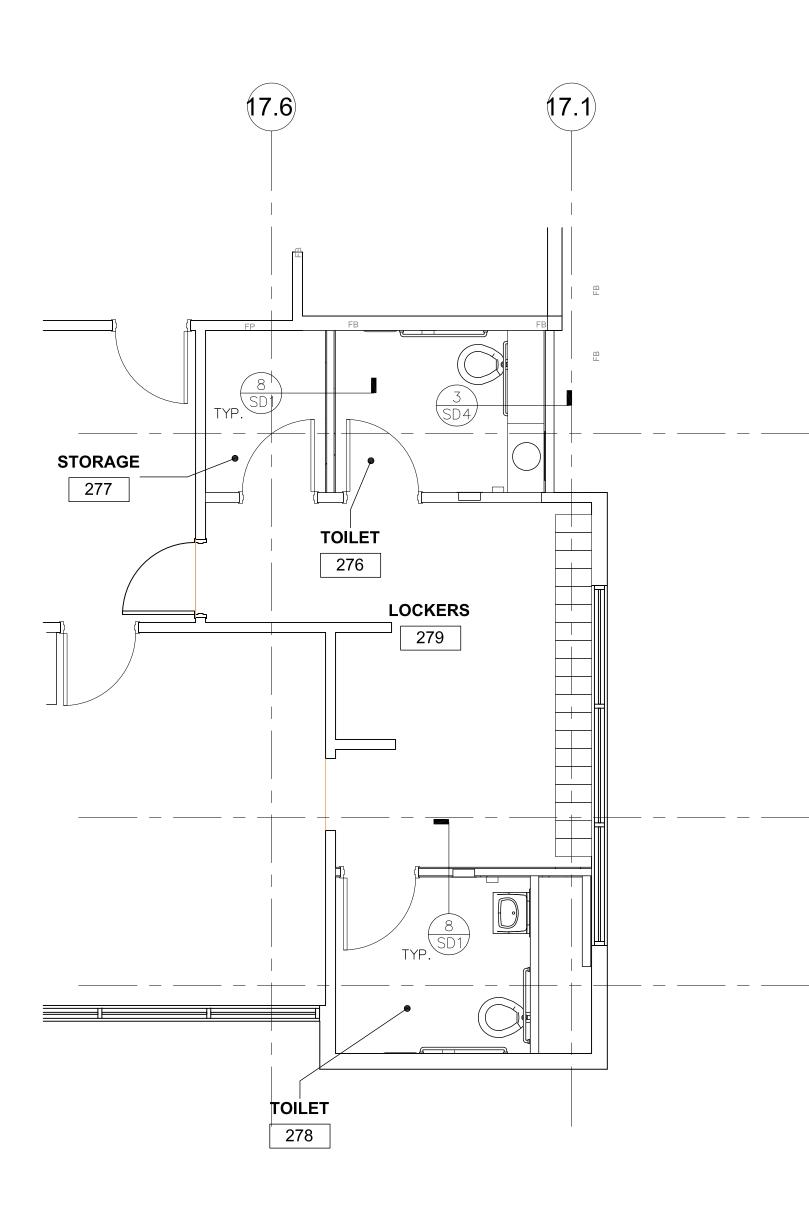
_	OWNER:	TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056 TEL(760)724-8411	3
	ARCHITECT:	SFEIR ARCHITECTS 1350 COLUMBIA STREET, SUITE SAN DIEGO, CALIFORNIA 92101 TEL(619)299-3917 FAX(619)299-	
-	STRUCTURAL:	SUN STRUCTURAL ENGINEERII 2091 LAS PALMAS DRIVE, SUITE CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188	
	ME&P:	P2S 9665 CHESAPEAKE DRIVE, SUIT SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347 FAX(619)330-	
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		GN CHANGES	06/23/17
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	REV: DESCRIPT		DATE:
	CONSULTANT	SUN Structural Enginee Consulting Structural Eng 2091 Las Palmas Dr. Suite Carlsbad, California 92011 Tel: 760-438-1188 www.sunse-inc.com	gineers
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	SHEET TITLE:		
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	FRA	AMING PLAN	
	PROJECT TITLE:		
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	PROJECT #:	SHEET NUMBER:	
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			$\frown$
	Author CHECKED BY:		·)

2. ALL EXISTING MEMBER SIZES, SPACING, & DIMENSIONS MUST BE FIELD VERIFIED. IN CASE OF DISCREPANCIES STRUCTURAL

3. CONTRACTOR TO PROVIDE TEMP. SHORING FOR EXIST. STRUCTURAL ELEMENTS PRIOR TO REMOVE EXIST. WALLS AND INSTALL NEW BEAMS COLUMNS AND FOOTINGS

SCALE:

date: 08/03/16



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

### GENERAL NOTES

-(M)

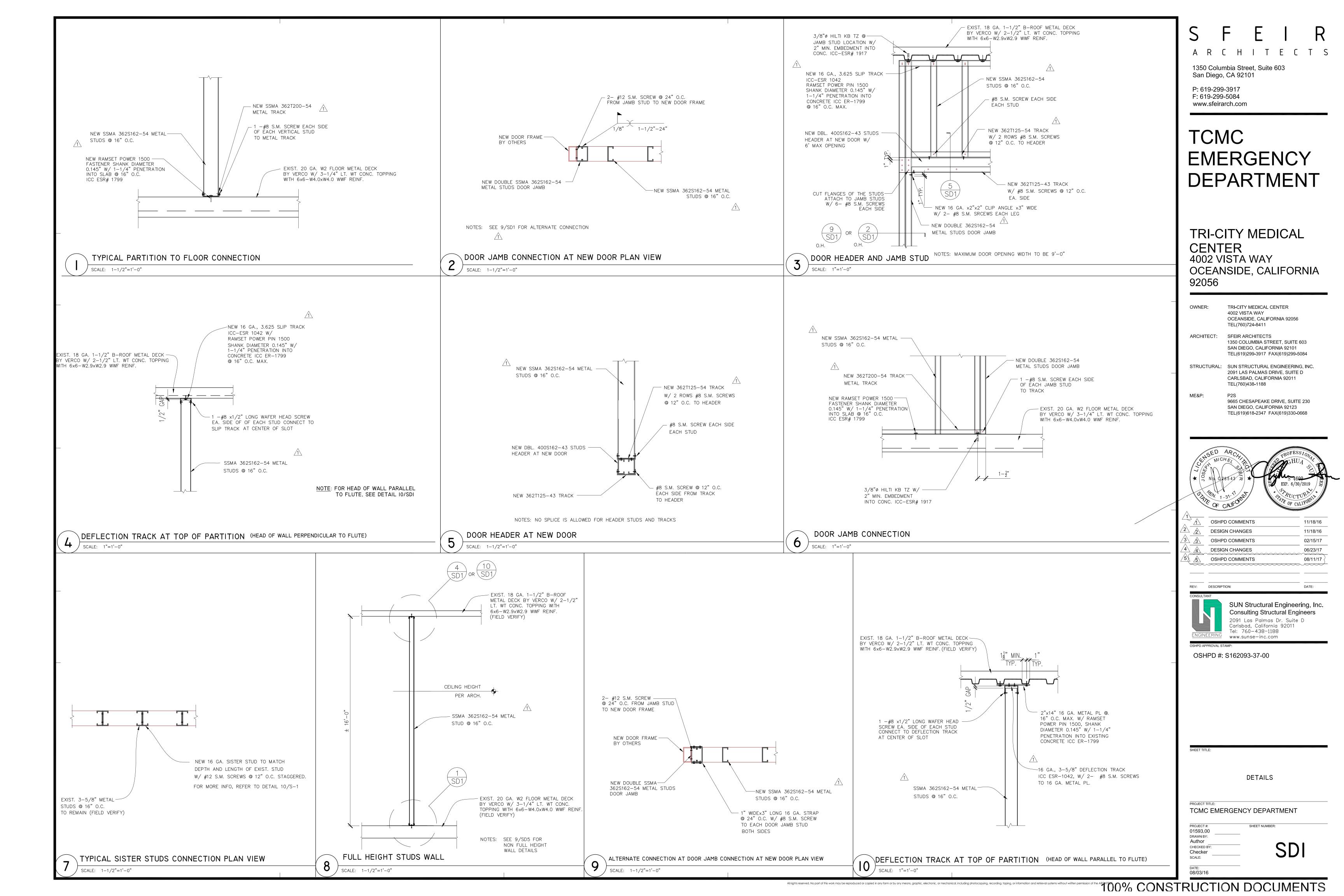
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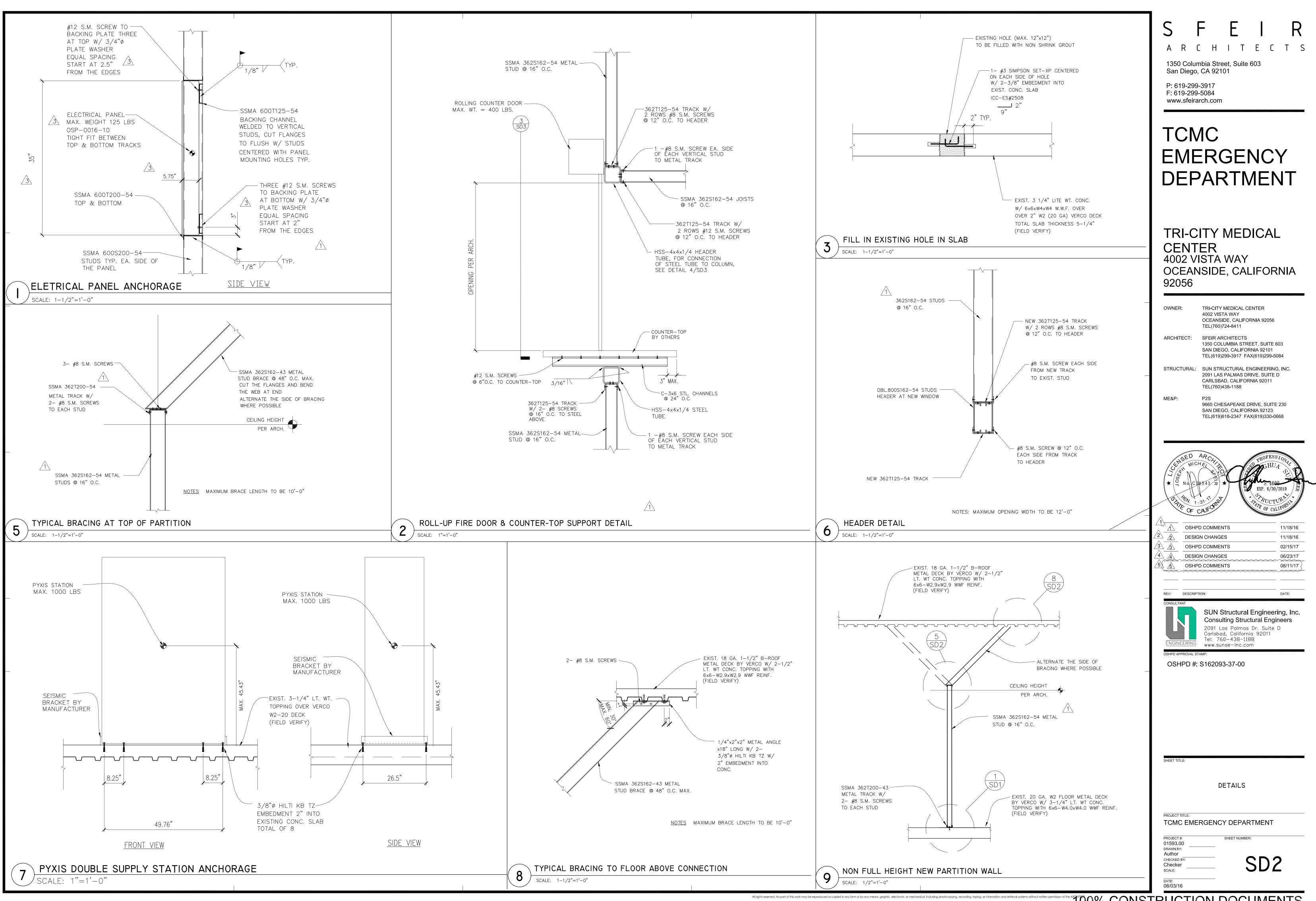
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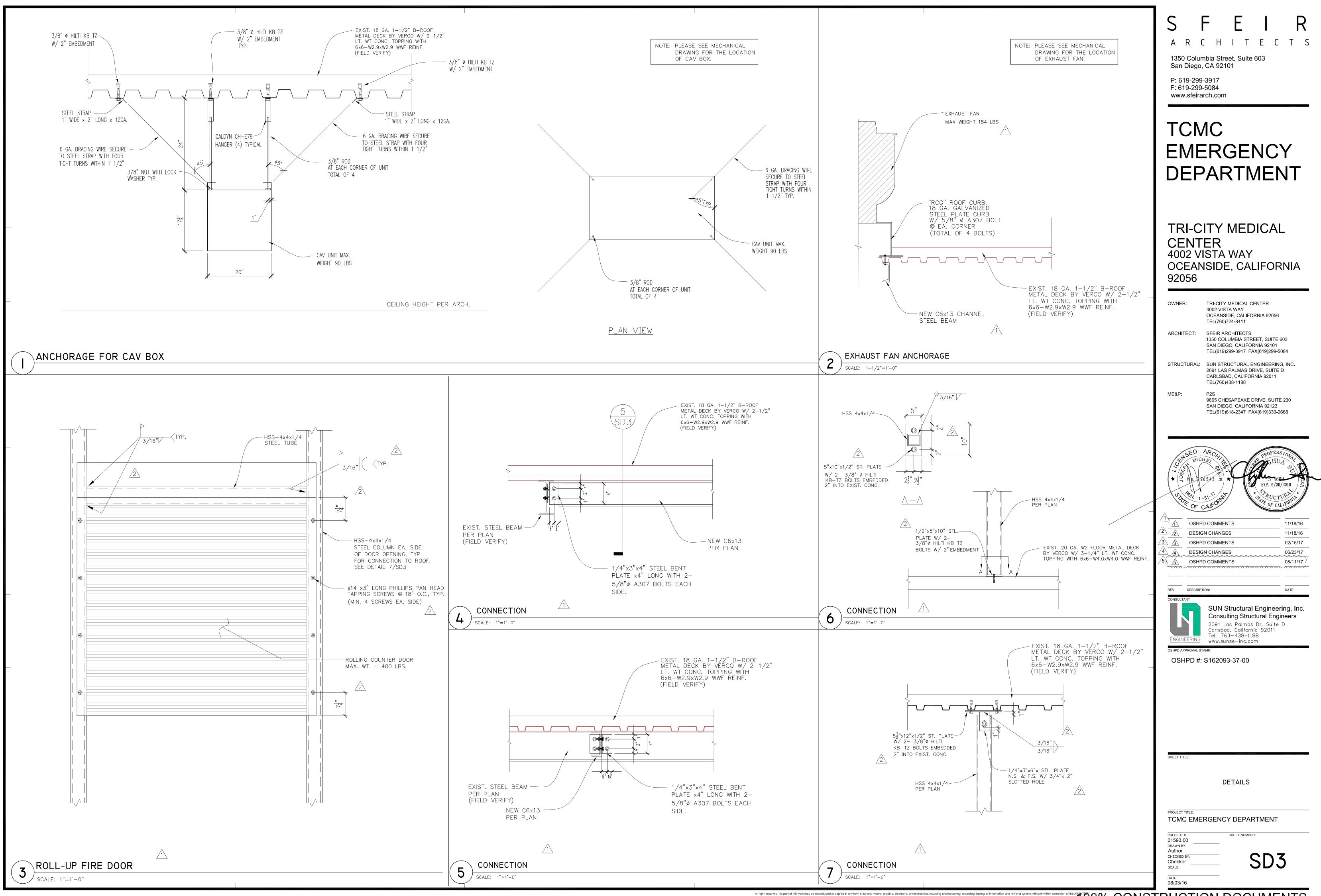
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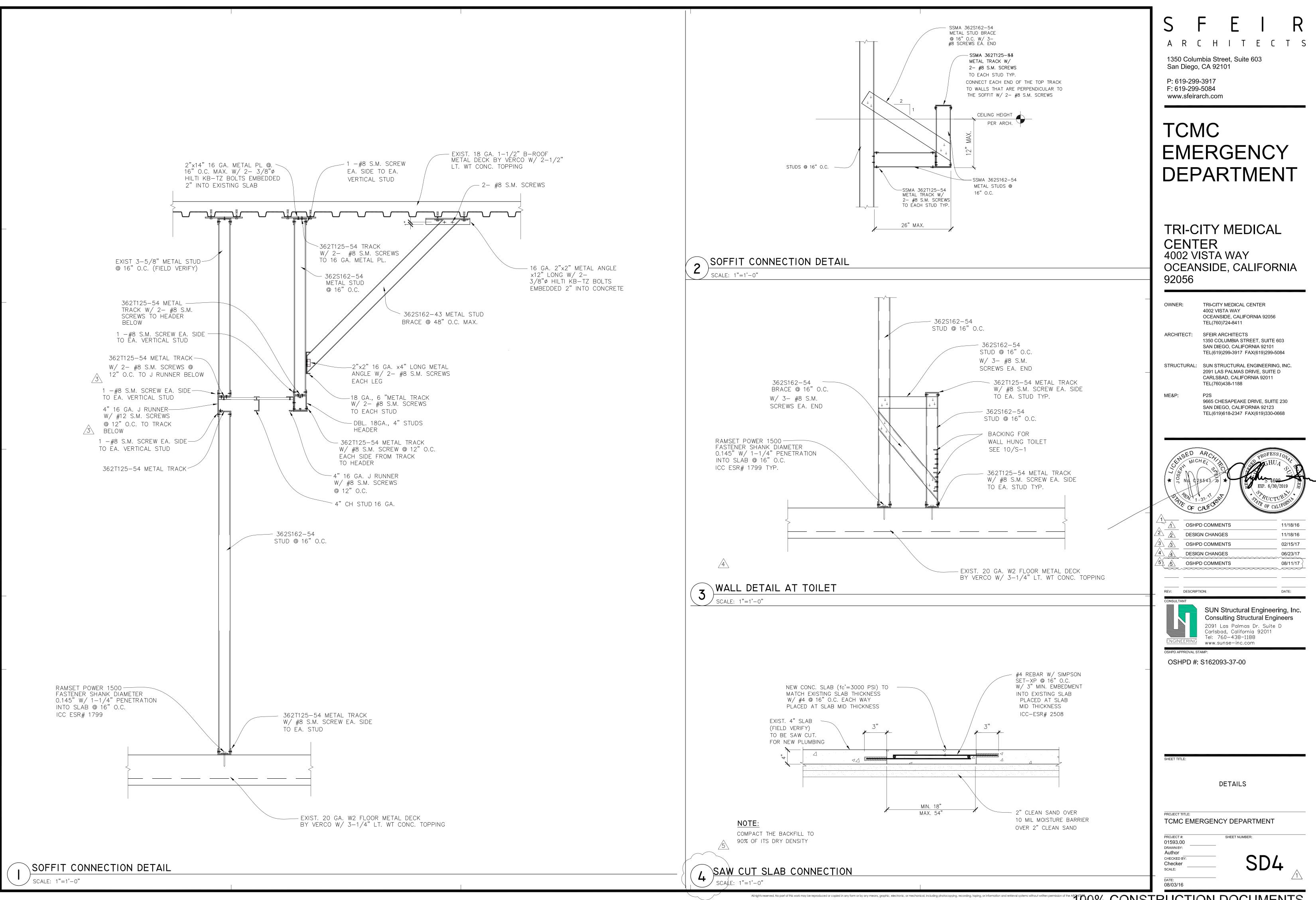
# PARTIAL FIRST FLOOR PLAN (LOCKER ROOM)

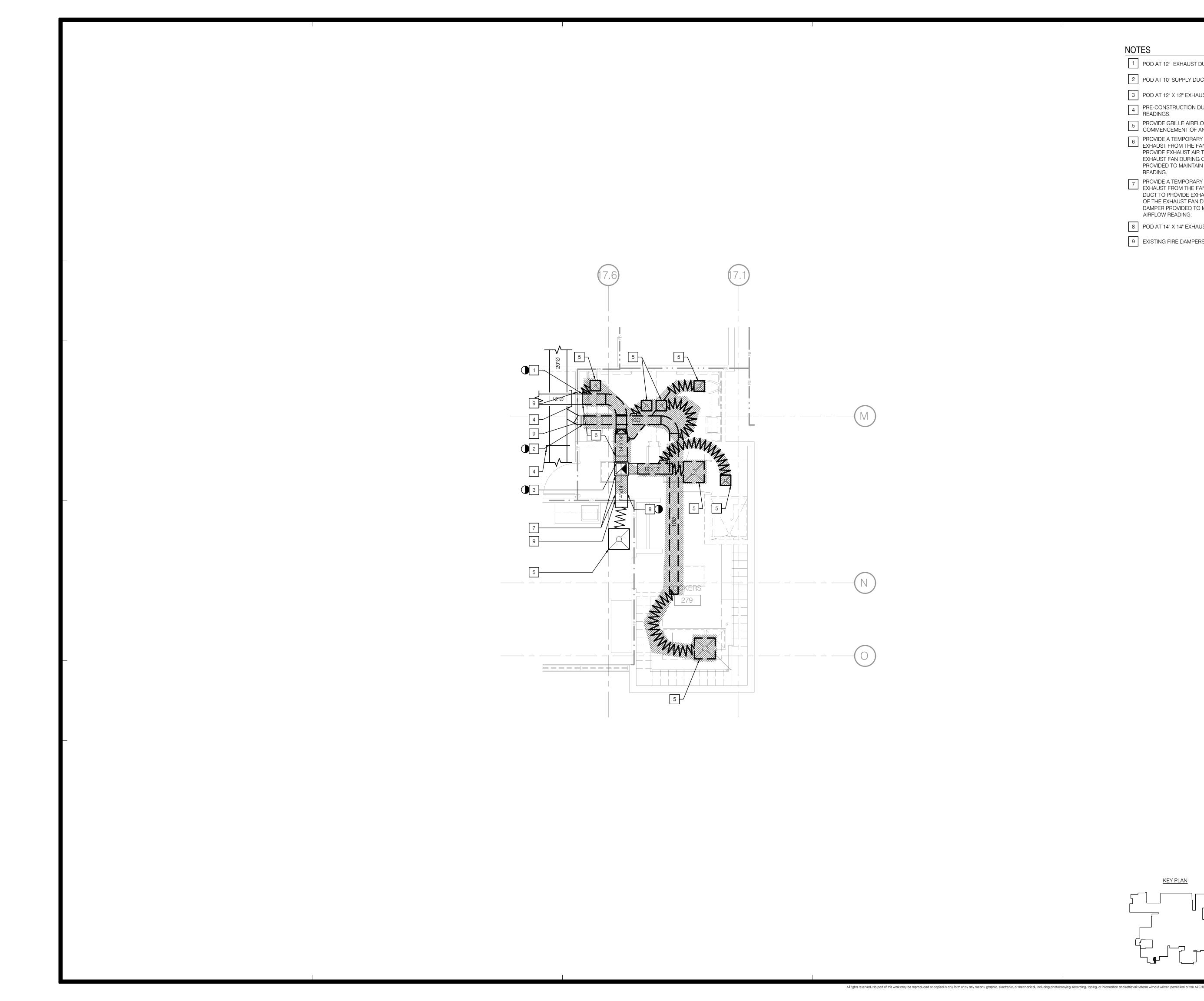
SFEIRARCHITECTARCHITECTS1350 Columbia Street, Suite 603 Can Diego, CA 92101P: E19-299-3917F: E19-299-5084 Sww.sfeirarch.comTCTGTGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG
TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056
<ul> <li>OWNER: TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056 TEL(760)724-8411</li> <li>ARCHITECT: SFEIR ARCHITECTS 1350 COLUMBIA STREET, SUITE 603 SAN DIEGO, CALIFORNIA 92101 TEL(619)299-3917 FAX(619)299-5084</li> <li>STRUCTURAL: SUN STRUCTURAL ENGINEERING, INC. 2091 LAS PALMAS DRIVE, SUITE D CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188</li> <li>ME&amp;P: P2S 9665 CHESAPEAKE DRIVE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347 FAX(619)330-0668</li> </ul>
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REY:       DESCRIPTION:       Date:         CONSULTANT       Discription       SUN Structural Engineering, Inc. Consulting Structural Engineering         Non-Structural Engineering, Inc. Consulting Structural Engineering       Consulting Structural Engineering, Inc. Consulting Structural Engineering         Non-Structural Engineering, Inc. Consulting Structural Engineering       Consulting Structural Engineering, Inc. Consulting Structural Engineering         Non-Structural Engineering       Consulting Structural Engineering, Inc. Consulting Structural Engineering         Non-Structural Engineering       Consulting Structural Engineering         Consulting Structural Engineering       Consultural Engineering
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- 1 POD AT 12" EXHAUST DUCT.
- 2 POD AT 10" SUPPLY DUCT.
- 3 POD AT 12" X 12" EXHAUST DUCT
- 4 PRE-CONSTRUCTION DUCT TRAVERSE AIR FLOW READINGS.
- 5 PROVIDE GRILLE AIRFLOW MEASUREMENT PRIOR TO THE COMMENCEMENT OF ANY WORK.
- 6 PROVIDE A TEMPORARY EXHAUST DUCT BETWEEN THE EXHAUST FROM THE FAN AND THE 12" EXHAUST DUCT TO PROVIDE EXHAUST AIR TO AREAS DOWNSTREAM OF THE EXHAUST FAN DURING CONSTRUCTION. ADJUST DAMPER PROVIDED TO MAINTAIN PRE CONSTRUCTION AIRFLOW READING.
- 7 PROVIDE A TEMPORARY EXHAUST DUCT BETWEEN THE EXHAUST FROM THE FAN AND THE 14" X 14" EXHAUST DUCT TO PROVIDE EXHAUST AIR TO AREAS DOWNSTREAM OF THE EXHAUST FAN DURING CONSTRUCTION. ADJUST DAMPER PROVIDED TO MAINTAIN PRE CONSTRUCTION AIRFLOW READING.
- 8 POD AT 14" X 14" EXHAUST DUCT.
- 9 EXISTING FIRE DAMPERS.



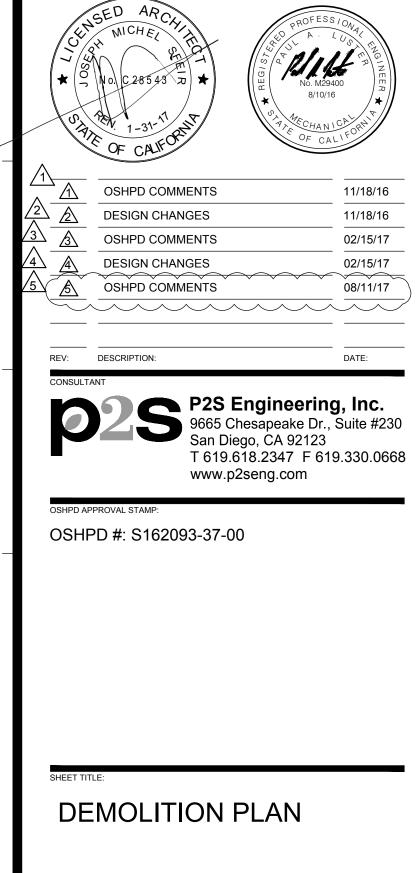
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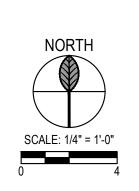
# TCMC EMERGENCY DEPARTMENT

## TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056

OWNER:	TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056 TEL(760)724-8411
ARCHITECT:	SFEIR ARCHITECTS 5151 SHOREHAM PLACE, SUITE 100 SAN DIEGO, CALIFORNIA 92122 TEL(619)299-3917 FAX(619)299-5084
STRUCTURAL:	SUN STRUCTURAL ENGINEERING, INC. 2091 LAS PALMAS DRIVE, SUITE D CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188
ME&P:	P2S 9665 CHESAPEAKE DRIVE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347 FAX(619)330-0668
NSED	ARCH



KEY PLAN



PROJECT #: 01593.00 DRAWN BY: CHECKED BY: SCALE: As indicated

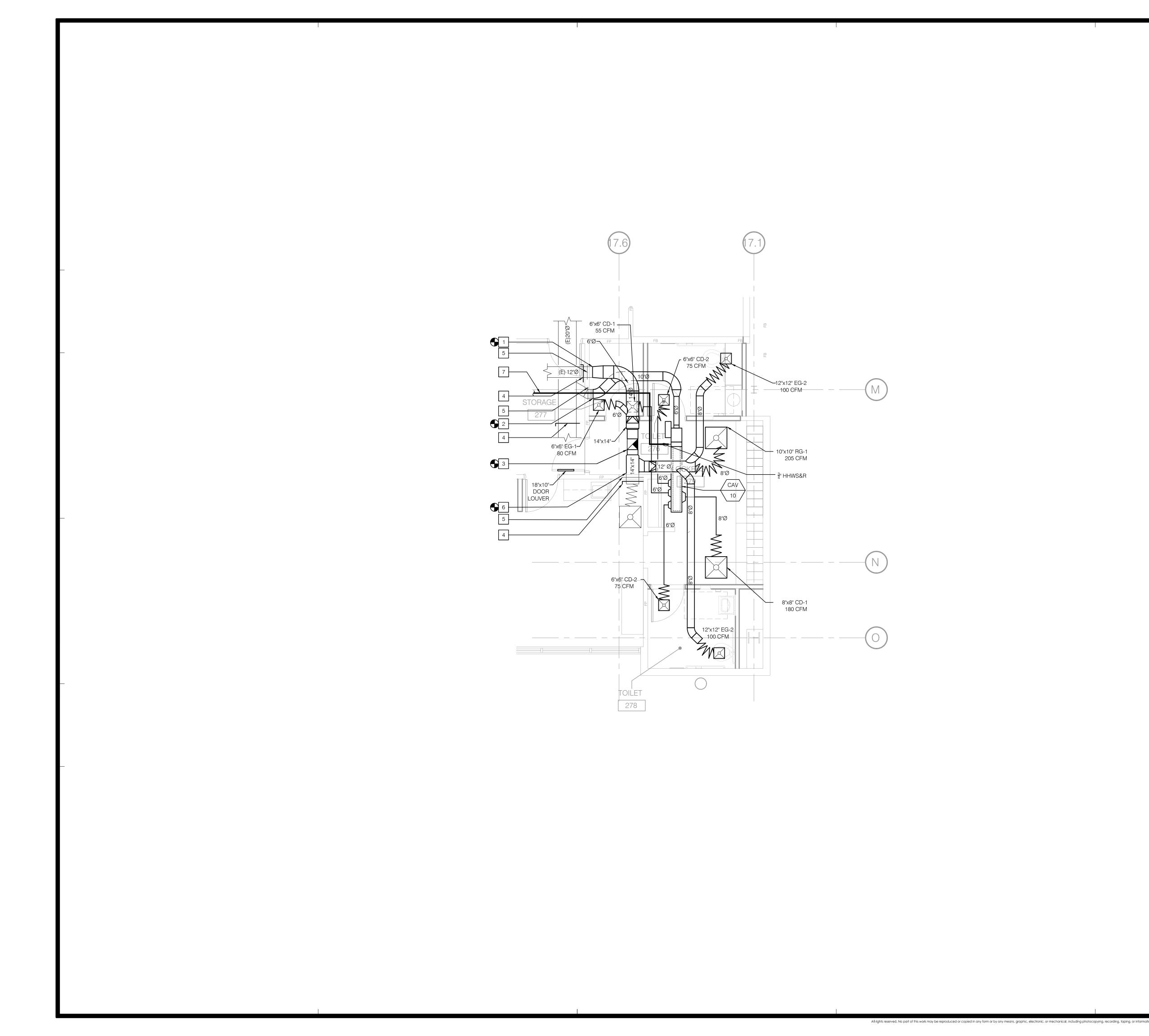
08/03/16

PROJECT TITLE:



100% CONSTRUCTION DOCUMENTS

TCMC EMERGENCY DEPARTMENT





2 POC 10" SUPPLY DUCT.

3 POC TO 12" X 12" EXHAUST DUCT TO FAN.

4 PROVIDE MANUAL BRANCH VOLUME DAMPER. BALANCE TO PRE-CONSTRUCTION AIR FLOW READ VALUE'S. VERIFY (E) DUCT SIZE PRIOR TO PROCUREMENT OR FABRICATION OF DAMPER.

5	EXISTING FIRE DAMPER.

6 POC TO 12" X 12" EXHAUST DUCT.

KEY PLAN

7 INTERCEPT HHWS & R MAINS IN THE CEILING SPACE OF THE ADJACENT ROOM.

### S F R Ε ARCHITECTS

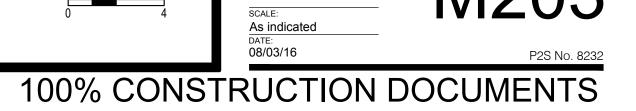
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# TCMC EMERGENCY DEPARTMENT

## TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056

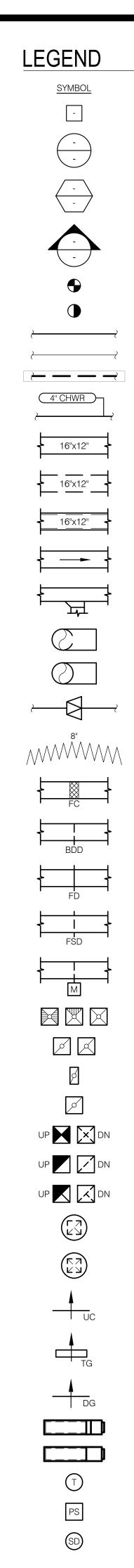
	4002 VISTA WAY OCEANSIDE, CALIFORNIA	
ARCHITECT:	SFEIR ARCHITECTS 5151 SHOREHAM PLACE, SAN DIEGO, CALIFORNIA	92122
STRUCTURAL	SUN STRUCTURAL ENGI 2091 LAS PALMAS DRIVE CARLSBAD, CALIFORNIA	NEERING, INC. , SUITE D
ME&P:	P2S 9665 CHESAPEAKE DRIV SAN DIEGO, CALIFORNIA	92123
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<b>p</b> 2	9665 Chesapea San Diego, CA T 619.618.234	ke Dr., Suite #230 92123 7 F 619.330.0668
OSHPD #:	S162093-37-00	
SHEET TITLE:		
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PROJECT TITLE:	ERGENCY DEPARTM	1ENT
	ERGENCY DEPARTN	1ENT
	ARCHITECT: STRUCTURAL ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P: ME&P:	4002 VISTA WAY OCEANSIDE, CALIFORNIA TEL(760)724-8411 ARCHITECT: SFEIR ARCHITECTS S151 SHOREHAM PLACE, SAN DIEGO, CALIFORNIA TEL(619)299-3917 FAX(67 STRUCTURAL: SUN STRUCTURAL ENGIN 2091 LAS PALMAS DRIVE CARLSBAD, CALIFORNIA TEL(760)438-1188 ME&P: P2S 9665 CHESAPEAKE DRIVI SAN DIEGO, CALIFORNIA TEL(619)618-2347 FAX(67 ME&P: P2S 9665 CHESAPEAKE DRIVI SAN DESIGN CHANGES SA OSHPD COMMENTS DESIGN CHANGES SA DISCONTROLOGICAL STANF



CHECKED BY

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

M203



				ABBR	EVIATIONS			GENERA
DESCRIPTION	SYMBOL	DESCRIPTION			DN DESCRIPTION		DESCRIPTION	4. IN THE EVENT O SPECIFICATION
NOTE CALLOUT	SP	STATIC PRESSURE SENSOR		ABV AC	ABOVE AIR CONDITIONING UNIT	IN KW	INCHES KILOWATTS	5. THIS CONTRACT
	RS	REFRIGERANT SENSOR		AFF AHU	ABOVE FINISHED FLOOR AIR HANDLING UNIT	LAT LBS	LEAVING AIR TEMPERATURE POUNDS	PROPERLY INST SPECIFIED HERE
- NUMBER ON TOP DENOTES DETAIL NUMBER - NUMBER ON BOTTOM DENOTES SHEET DETAIL IS SHOWN	Ø	DEW POINT SENSOR		AP BDD	ACCESS PANEL BACK DRAFT DAMPER	LD LWT	LINEAR DIFFUSER LEAVING WATER TEMPERATURE	6. ALL NEW EQUIP
MECHANICAL EQUIPMENT CALLOUT, SEE MECHANICAL PLANS FOR	$\Theta$	SPACE HUMIDITY SENSOR		BHP BLDG	BRAKE HORSEPOWER BUILDING	MAX MBH	MAXIMUM THOUSAND BTU PER HOUR	UNDERWRITERS DESIGNED AND
EXACT LOCATION AND REQUIREMENTS				BTU CD	BRITISH THERMAL UNIT CEILING DIFFUSER	MCA MIN	MINIMUM CIRCUIT AMPS MINIMUM	7. THIS CONTRACT
SECTION CALLOUT	$\oplus$	COOLING COIL		CFM CV	CUBIC FEET PER MINUTE CONSTANT VOLUME BOX	MOCP NIC	MAXIMUM OVERLOAD CIRCUIT PROTECTION NOT IN CONTRACT	AND ATTAIN APP PROVIDED INDIC
				D DB	DRAIN DRY BULB	OAT OBD	OUTSIDE AIR TEMPERATURE OPPOSED BLADE DAMPER	8. ALL WORK SHAL
POINT OF CONNECTION		HEATING COIL		DEG DIA	DEGREES DIAMETER	OSA PD	OUTSIDE AIR PRESSURE DROP	MINIMIZE ANY IN IN OPERATION. I
POINT OF DISCONNECTION				DN DX	DOWN DIRECT EXPANSION	PERF PH	PERFORATED PHASE	9. NO PIPING, EQU
NEW LINEWORK	<			(E) EA	EXISTING EACH	POD PR	POINT OF DISCONNECT PRESSURE RELIEF	WITH THE OWNE NOT WITHIN THE
EXISTING LINEWORK	$\leq$	DAMPER, OPPOSED BLADE		EAT	ENTERING AIR TEMPERATURE EXHAUST FAN	PRV PSID	PRESSURE REDUCING VALVE POUNDS PER SQUARE INCH DIFFERENTIAL	SUFFICIENT AD WHEN THE PRO
DEMOLITION LINEWORK	/			EFF	EFFICIENCY	PSIG	POUNDS PER SQUARE INCH GAUGE	10. THE ARRANGEM
NEW PIPING (SIZE-SERVICE)		DAMPER, PARALLEL BLADE		EL EQ	ELEVATION EQUAL	RA RAR	RETURN AIR RETURN AIR REGISTER	AVAILABLE TO T PECULIAR TO A
	1			ER ESP	EXHAUST REGISTER EXTERNAL STATIC PRESSURE	RF RHC	RETURN FAN REHEAT COIL	FEATURES OF T EQUIPMENT INS
SHEET METAL DUCT				ewt °F	ENTERING WATER TEMPERATURE DEGREES FAHRENHEIT	RLA RPM	RATED LOAD AMPS REVOLUTIONS PER MINUTE	VALVES AND EL PROVIDED. NO A
HIDDEN SHEET METAL DUCT		FILTER		FC FD	FAN COOL UNIT FIRE DAMPER	SA SAR	SUPPLY AIR SUPPLY AIR REGISTER	11. THIS CONTRACT
	N			FLA FLR	FULL LOAD AMPS FLOOR	SD SF	SMOKE DAMPER SUPPLY FAN	DRAWINGS NEC PIPES AND OTHI
INTERNALLY INSULATED SHEET METAL DUCT	$\sqrt{N}$	HUMIDIFIER		FOB FOT	FLAT ON BOTTOM FLAT ON TOP	SMBH STD	SENSIBLE MBH STANDARD	OTHER TRADES INTERFERENCE.
	//////	LOUVER		FP FPI	FIRE PUMP FINS PER INCH	TAD TEMP	TRANSFER AIR DUCT TEMPERATURE	AND CONFIGUR
DIRECTION OF FLOW	AD	ACCESS DOOR OR ACCESS PANEL (AP) IN DUCTWORK		FPM	FEET PER MINUTE	TG	TRANSFER GRILLE	12. THIS CONTRACT PURCHASE AND
STANDARD BRANCH FOR SUPPLY AND RETURN				FT FX	FEET OR FOOT FLEXIBLE CONNECTION	TMBH TSP	TOTAL MBH TOTAL STATIC PRESSURE	13. BEFORE COMMI
		TURNING VANES (RECTANGULAR)		ga Galv	GAUGE GALVANIZED	TYP UC	TYPICAL UNDERCUT	AND CHARACTE
ROUND ELBOW DOWN	<b></b>			GC GPH	GENERAL CONTRACTOR GALLONS PER HOUR	UON V	UNLESS OTHERWISE NOTED VOLTS	14. CONTRACTOR S
ROUND ELBOW UP	Ť	DRAIN, FUNNEL		GPM HB	GALLONS PER MINUTE HOSE BIBB	VAV VD	VARIABLE AIR VOLUME UNIT VOLUME DAMPER	15. EXISTING MATER INDICATED AS B
	$\bigcirc$	PUMP		HD HHWS	HEAD HEATING HOT WATER SUPPLY	VFD W/	VARIABLE FREQUENCY DRIVE WITH	16. ALL EQUIPMENT
RECTANGULAR TO ROUND TRANSITION	$\square$	CENTRIFUGAL FAN		HHWR HP	HEATING HOT WATER RETURN HEAT PUMP	W/O WB	WITHOUT WET BULB	INSTRUCTIONS.
FLEXIBLE DUCT	$\bigcirc$	CENTRI OGAETAN		HP HT	HORSEPOWER HEIGHT	WC WG	WATER COLUMN WATER GAUGE	17. GALVANIZED SH SUPPORTED / IN
		ELECTRONIC 2-WAY VALVE		HZ	HERTZ	WT	WEIGHT IT ABBREVIATIONS NOT MENTIONED HEREIN	SMACNA STANE
FLEX CONNECTION				ARE USED, A	BBREVIATIONS, AND OTHER STANDARD IND			18. ALL PIPING SHA AND BE SUPPOI
	$\bigcirc$	DDC INPUT			ECT NOTES		LINGS PLANS WITH ALL DISCIPLINES TO VERIFY	TO SUIT FIELD C
BACK DRAFT DAMPER				CLEAR	ACTOR SHALL COORDINATE ARCHITECTOR ANCES BETWEEN HVAC DUCTS, HVAC PIPIN FIRE PROTECTION LINES, STRUCTURAL ME	G, LIGHT FIXTURES	S, ELECTRICAL DATA CONDUITS, PLUMBING	19. THIS CONTRACT MECHANICAL EC
		DDC OUTPUT		LENGT	H OF MAIN MECHANICAL SUPPLY AND RETU GE OR ROUTING OF UTILITIES.			STANDARDS, AN
FIRE DAMPER	$\bigcirc$	LOCALLY MOUNTED INSTRUMENT			PACE FOR DUCT WORK & MECHANICAL EQU R TRADES IS CRITICAL. PROCEED WITH PREP		PROJECT IS LIMITED. COORDINATION WITH DRAWINGS IMMEDIATELY UPON RECEIVING AN	20. THIS CONTRACT WRITTEN APPRO
	Ŭ			AND IN	ISTALLATION. SHOP DRAWINGS SHALL BE R		DRAWINGS PRIOR TO MATERIAL FABRICATION IISSIONING AGENT, MEOR AND OWNER'S	21. ALL PIPE ELBOV
COMBINATION FIRE AND SMOKE DAMPER	C02	CARBON DIOXIDE SENSOR		0	SENTITIVE PRIOR TO SUBMITTAL.		N ELECTRONIC FORMAT. IN ADDITION TO THE	22. ISOLATE AND DR
	DPS	DIFFERENTIAL PRESSURE SENSOR			REMENTS SPECIFIED ELSEWHERE, THE SHC			23. ALL MATERIAL E INDEX NOT GRE
MOTORIZED DAMPER	FM	FLOW METER			CT, PIPE AND PLUMBING ELEVATIONS.			CMC-602.2.
	FS	AIRFLOW SENSOR			UBLE LINE DUCTWORK AND PIPING (6" AND TUAL SIZE OF PURCHASED EQUIPMENT. PEF	,	RACTOR'S SHOP DRAWINGS.	24. 2013 CBC MECH
SUPPLY DIFFUSER: 2-WAY/3-WAY/4-WAY	HS	RELATIVE HUMIDITY SENSOR			CESS PANELS INCLUDING CEILING PANELS.			ALL MECHANICA DETAILS ON THE
GRILLE: RETURN/EXHAUST	CTS	TEMPERATURE SENSOR			CESS CLEARANCES FOR EQUIPMENT. FUAL LOCATIONS OF CEILING DIFFUSERS, RI	EGISTERS. AND RET	TURN REGISTERS.	FOLLOWING CO REQUIREMENTS
1'x2' RETURN AIR GRILLE	TS-MM	AVERAGING TEMPERATURE SENSOR		G. LO	CATIONS OF STRUCTURAL MEMBERS SUCH	AS BEAMS.		CHAPTER 13.
2'x2' RETURN AIR GRILLE	SHEET INDE	X			TUAL LOCATIONS OF CONTROL PANELS AND		TIONS TO EQUIPMENT.	1) ALL PER
SUPPLY AIR DUCT SECTION		S, LEGEND AND SHEET INDEX			IIMUM 1/4"=1'0" SCALE DRAWINGS.	ATENIAL USED.		2) TEMPOF BUILDIN
	M002 SCHEDULES MD201 OVERALL DEMO M201 RENOVATION PL				BEL AND TAG SCHEDULE FOR EQUIPMENT.			3) MOVABL
RETURN AIR DUCT SECTION	M202 RENOVATION RC MD203 DEMOLITION PLA	OF PLAN	4		CT TRANSITIONS TO CLEAR BEAMS OR TIGH OM TEMPERATURE SENSOR LOCATIONS.	I AREAS.		THAN 40
EXHAUST AIR DUCT SECTION	M203 RENOVATION PL M501 DIAGRAMS/CON		Δ	N. POI	INT OF CONNECTION TO UTILITIES OUTSIDE	THE BUILDING.		THE ATTACHME ATTACHED TO T
POWER OR GRAVITY ROOF VENTILATOR - EXHAUST	M601 DETAILS M602 DETAILS		$\boxed{3}$		CTIONS OR 3-D DRAWINGS OF CONGESTED	AREAS.		HAVE FLEXIBLE AND CONDUIT.
	MECHANICA	_ PIPE AND DUCT			ILITY PROFILES FOR UNDERGROUND PIPING			A. COMPO
POWER OR GRAVITY ROOF VENTILATOR - SUPPLY	SYSTEM SEI	SMIC SUPPORT NOTES			OT COMMENCE WITH ANY INSTALLATION, OR OUT AN APPROVED SHOP DRAWING SUBMITT		QUIPMENT OR MATERIAL FABRICATION	LESS AB
	MECHANICAL:						(ON COMPANY LETTERHEAD) AND SIGNED BY	B. COMPO THAN 5
UNDERCUT DOOR	BE PROVIDED PER OPM-0	FOR NEW PIPING, EXCEPT FIRE SPRINKLER PIPING, AND FOR NEW DUC 0043-13 MASON SEISMIC RESTRAINT COMPONENTS FOR SUSPENDED U		COMP		AND COORDINATIO	LY IN HOUSE REVIEWED TO ENSURE FULL IN WITH OTHER TRADES. ANY EXCEPTIONS TO S LETTER. ANY DISCREPANCIES/EXCEPTIONS	WALL.
TRANSFER GRILLE OR LOUVER		WING THE BRACING/SUPPORT LOCATIONS AND REFERENCES TO DETA		NOT ID	DENTIFIED IN WRITING SHALL BE CORRECTED ISE TO THE OWNER AND ENGINEER.			FOR THOSE ELE SHALL BE SUBJ
	OSHPD FIELD STAFF. TH	PPROVALS NEED TO BE SUBMITTED FOR USE BY THE INSPECTOR OF RI E LAYOUT DRAWINGS, PREPARED PER ASCE 7 CHAPTER 13 AS MODIFIE	D BY CBC					WILL VERIFY TH
DOOR GRILLE OR LOUVER	ENGINEER LICENSED IN	SHALL BE PREPARED BY THE SUBCONTRACTOR AND SIGNED BY A STRU THE STATE OF CALIFORNIA. REFERENCES TO DETAILS FROM THE OSHF E FOR AN ENTIRE DETAIL AS SUBMITTED OR REFERENCE SHALL BE FOR	PD		RAL NOTES			25. PIPING, DUCTWO
	OF A SUBMITTED DETAIL.	E FOR AN ENTIRE DETAIL AS SUBMITTED OR REFERENCE SHALL BE FOR CUSTOM DETAILS SHALL BE PROVIDED FOR SITUATIONS WHERE OSH APPLY. AT LEAST FOUR WEEKS PRIOR TO BEGINNING INSTALLATION, I	PD	AND OTH	RK SHALL COMPLY WITH THE 2013 EDITIONS HER APPLICABLE FEDERAL, STATE, OR LOCA	L CODES AS ADOP	TED AND ENFORCED BY THE LOCAL	PIPING, DUCTWO
SINGLE DUCT VAV BOX WITH REHEAT COIL	OF THE PLANS SHALL BE	SUBMITTED TO THE ARCHITECT OF RECORD WHO WILL SUBMIT THEM OF RECORD FOR REVIEW AND APPROVAL. AFTER THIS APPROVAL, THE	TO THE		CTION. IN CASE THE PLANS SHOW MORE STR YET NOTHING ON THE DESIGN DOCUMENTS			FORCES AND DI 13.6.8 AND 2013
SINGLE DUCT VAV BOX WITHOUT REHEAT COIL	PLANS SHALL BE COORD	THE OSHPD DISTRICT STRUCTURAL ENGINEER FOR REVIEW AND APPRO	BRACING		OR REGULATION(S).			THE BRACING A
SPACE TEMPERATURE SENSOR	3. THE STRUCTURAL ENGIN	UIDE/MANUAL SHALL BE ON THE JOBSITE PRIOR TO STARTING THE INS IEER FOR THE CONTRACTOR SHALL DETERMINE THE APPROPRIATE SEIS	2	JOB SITE	SION OF BID IN CONNECTION WITH THIS WOI E UNDER WHICH THE CONTRACTOR WILL BE	OBLIGATED TO OP	ERATE UNDER THIS CONTRACT. NO	THEY SHALL CO
		CRITERIA SHOWN ON THE STRUCTURAL DRAWINGS. IONS OF ALL PIPING AND DUCTWORK HAVE BEEN ESTABLISHED. THE S		EXTRA CI	HARGE WILL BE ALLOWED FOR FAILURE OF	ANY BIDDER TO EX	AMINE THE SITE PRIOR TO BID.	COPIES OF THE

PRESSURE SWITCH

SMOKE DETECTOR

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 3. WHERE USED, THE TERM "PROVIDE" SHALL MEAN "FURNISH AND INSTALL". DESIGN IS STILL ADEQUATE. THE INSPECTOR OF RECORD SHALL INSURE THAT ALL WORK IS PROPERLY

INSTALLED PER THE APPLICABLE OSHPD PRE-APPROVAL.

- EXTRA CHARGE WILL BE ALLOWED FOR FAILURE OF ANY BIDDER TO EXAMINE THE SITE PRIOR TO BID.

# RAL NOTES

NICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE THE OSHPD APPROVED CONSTRUCTION DOCUMENTS. WHERE NO DETAIL IS INDICATED, THE GOMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCES AND DISPLACEMENT ENTS PRESCRIBED IN THE 2013 CBC SECTIONS 1615A.1.17 THROUGH 1616A.1.27 AND ASCE 7-10

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

ELEMENTS THAT DO NOT REQUIRE DETAILS ON THE APPROVED DRAWINGS, THE INSTALLATION JBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD. THE PROJECT INSPECTOR THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE NTS.

TWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTES:

TWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE D DISPLACEMENTS PRESCRIBED IN ASCE 7-05 SECTION 13.3 AS DEFINED IN ASCE 7-10 13.6.1 TO 2013 CBC SECTIONS 1616A.1.23, 1616A.1.24, 1616A.1.25 AND 1616A.1.26.

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3 IG AND ATTACHMENTS TO THE STRUCTURE SHALL BE DETAILED ON THE APPROVED DRAWINGS OR COMPLY WITH ONE OF THE OSHPD PREAPPROVAL OF MANUFACTURER'S CERTIFICATION (OPM #).

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.

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

IT OF A CONFLICT OR INCONSISTENCY BETWEEN ITEMS INDICATED ON DESIGN PLANS / ONS WITH CODE REQUIREMENTS, THE MORE STRINGENT STANDARD SHALL PREVAIL.

RACTOR SHALL FURNISH LABOR, MATERIALS, EQUIPMENT, AND TRANSPORTATION AS REQUIRED TO NSTALL ALL NEW HVAC SYSTEMS OR RELATED COMPONENTS AS INDICATED ON PLANS AND HEREIN.

UIPMENT AND MATERIAL TO BE INSTALLED AS PART OF THIS PROJECT SHALL BEAR AN ERS' LABORATORIES LABEL (UL), AND INSTALLED IN SUCH A MANNER FOR WHICH THEY ARE AND APPROVED.

RACTOR SHALL DOCUMENT AND RELAY ANY MAJOR DEVIATIONS FROM THE DESIGN DOCUMENTS, APPROVAL FROM THE MECHANICAL ENGINEER BEFORE PROCEEDING. AS-BUILT COPIES SHALL BE NDICATING ALL CHANGES / DEVIATIONS MADE DURING CONSTRUCTION.

SHALL BE PERFORMED IN A CLEAN AND WORKMANLIKE MANNER. CARE SHALL BE EXERCISED TO VY INCONVENIENCE OR DISTURBANCE TO OTHER AREAS OF THE BUILDING WHICH ARE TO REMAIN ON. ISOLATE WORK AREAS BY MEANS TO KEEP DUST AND DIRT WITHIN THE CONSTRUCTION AREA.

EQUIPMENT, ETC. SHALL BE REMOVED, DISCONNECTED OR SHUT DOWN WITHOUT PRIOR REVIEW WNER TO CONFIRM THAT AREAS TO REMAIN IN OPERATION WILL NOT BE AFFECTED. IF ANY AREAS THE SCOPE OF WORK ARE AFFECTED BY ANY SHUTDOWN, REMOVAL OR DISCONNECTION, ADVANCE NOTICE MUST BE GIVEN TO THE OWNER INDICATING WHICH AREAS WILL BE AFFECTED, PROPOSED SHUTDOWN WILL OCCUR, AND FOR HOW LONG A PERIOD OF TIME.

GEMENT OF EQUIPMENT AND PIPING SHOWN ON THE DRAWINGS IS BASED UPON INFORMATION TO THE ENGINEER AT THE TIME OF DESIGN AND IS NOT INTENDED TO SHOW EXACT DIMENSIONS O A SPECIFIC MANUFACTURER. THE DRAWINGS ARE, IN PART, DIAGRAMMATIC AND SOME OF THE ILLUSTRATED EQUIPMENT INSTALLATION MAY REQUIRE REVISION TO MEET ACTUAL INSTALLATION REQUIREMENTS. STRUCTURAL SUPPORTS, FOUNDATIONS, CONNECTED PIPING, ELECTRICAL CONDUIT SPECIFIED MAY HAVE TO BE ALTERED TO ACCOMMODATE THE EQUIPMENT NO ADDITIONAL PAYMENT WILL BE MADE FOR SUCH REVISIONS AND ALTERATIONS.

RACTOR SHALL VERIFY ALL DIMENSIONS AT THE SITE MAKING FIELD MEASUREMENTS AND SHOP NECESSARY FOR FABRICATION OR ERECTION OF HVAC SYSTEMS. MAKE ALLOWANCE FOR BEAMS. THER OBSTRUCTIONS IN BUILDING CONSTRUCTION. CHECK DRAWINGS SHOWING WORK OF DES AND CONSULT WITH THE OWNER'S REPRESENTATIVE IN THE EVENT OF POTENTIAL NCE. SHOP DRAWINGS SHALL BE MINIMUM 1/4"=1'-0" SCALE, INDICATING FITTINGS, SIZES, WELDS GURATIONS AND SUBMITTED TO ENGINEER FOR REVIEW.

RACTOR SHALL COORDINATE HIS WORK WITH ALL OTHER TRADES PRIOR TO FABRICATION, AND/OR INSTALLATION OF ALL WORK.

MMENCEMENT OF WORK, THIS CONTRACTOR SHALL VERIFY THE EXACT LOCATIONS, ELEVATIONS, ACTERISTICS OF ALL UTILITIES.

OR SHALL SECURE AND PAY ALL FEES AND PERMITS PERTAINING TO THE CONTRACT.

ATERIALS THAT ARE REMOVED SHALL NOT BE REUSED IN NEW SYSTEMS, EXCEPT WHERE AS BEING RELOCATED.

ENT SHALL BE INSTALLED IN STRICT COMPLIANCE WITH THE MANUFACTURER'S WRITTEN NS.

) SHEET METAL SHALL BE PROVIDED FOR ALL HVAC DUCT SYSTEMS, AND CONSTRUCTED / / INSTALLED IN ACCORDANCE WITH THE 2010 CALIFORNIA MECHANICAL CODE AND THE LATEST ANDARDS.

SHALL BE INSTALLED AS INDICATED ON THE DRAWINGS IN A NEAT WORKMANSHIP-LIKE MANNER PORTED AS REQUIRED BY CODES. PIPING SHALL BE SET UP AND DOWN AND OFFSET AS REQUIRED LD CONDITIONS. DIELECTRIC COUPLINGS SHALL BE USED WHERE DISSIMILAR METALS ARE JOINED.

ACTOR SHALL PROVIDE ALL NECESSARY SUPPORTS FOR FIXTURES, DUCTWORK, PIPING, AND L EQUIPMENT, IN ORDER TO COMPLY WITH CALIFORNIA BUILDING CODE, SMACNA INSTALLATION , AND ALL RELATED LOCAL ORDINANCES.

RACTOR SHALL NOT BORE, NOTCH, CUT, OR PENETRATE INTO A STRUCTURAL MEMBER WITHOUT PROVAL FROM A DESIGNATED STRUCTURAL ENGINEER AND THE OWNER.

BOWS SHALL BE LONG RADIUS UNLESS OTHERWISE SPECIFICALLY NOTED ON THE DRAWINGS.

D DRAIN EXISTING PIPING SYSTEM AS REQUIRED TO ACCOMMODATE INSTALLATION OF THE WORK.

AL EXPOSED WITHIN RA PLENUMS SHALL BE NON-COMBUSTIBLE OR SHALL HAVE A FLAME SPREAD GREATER THAN 25 AND SMOKE DEVELOPED INDEX NOT GREATER THAN 50. COMPLY WITH

ECHANICAL, ELECTRICAL AND PLUMBING EQUIPMENT ANCHORAGE NOTES:

PERMANENT EQUIPMENT AND COMPONENTS.

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

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

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

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

## S R A R C H T E C T S

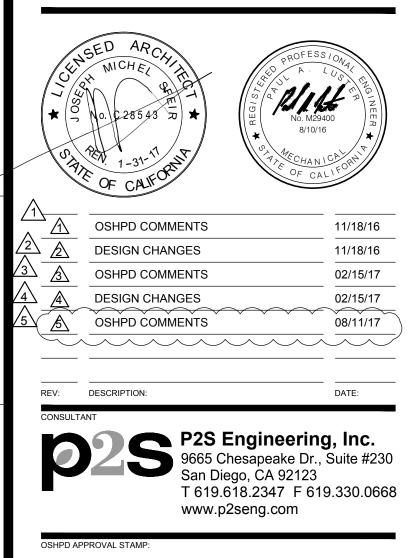
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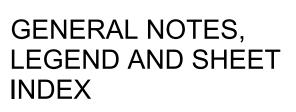
# TCMC EMERGENCY DEPARTMENT

### **TRI-CITY MEDICAL** CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056

OWNER:	TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056 TEL(760)724-8411
ARCHITECT:	SFEIR ARCHITECTS 5151 SHOREHAM PLACE, SUITE 100 SAN DIEGO, CALIFORNIA 92122 TEL(619)299-3917 FAX(619)299-5084
STRUCTURAL:	SUN STRUCTURAL ENGINEERING, INC. 2091 LAS PALMAS DRIVE, SUITE D CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188
ME&P:	P2S 9665 CHESAPEAKE DRIVE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347 FAX(619)330-0668



OSHPD #: S162093-37-00



ROJECT TITLE TCMC EMERGENCY DEPARTMENT

SHEET NUMBER

PROJECT #: 01593.00 DRAWN BY: CHECKED BY:

SCALE:

As indicated 08/03/16



AIR BAL	ANCE SCH	IEDULE																		
						COE	DE REQUIREMENT	S PER CMC TABL	E 4-A					PROPO	SED DESIGN					
ROOM NUMBER	ROOM NAME	ROOM AREA (SF)	CEILING HEIGHT (FT)	ROOM SUPPLY (CFM)	ROOM EXHAUST (CFM)	ROOM RETURN (CFM)	I ROOM OUTSIDE (CFM)	ROOM TOTAL AIR CHANGES (AC/HR)	ROOM OUTSIDE AIR (AC/HR)	AIR BALANCE RELATIONSHIP TO ADJACENT AREAS	ROOM EXHAUST (YES/NO)	ROOM SUPPLY (CFM)	ROOM EXHAUST (CFM)	ROOM RETURN (CFM)	ROOM TOTAL AIR CHANGES (AC/HR)	ROOM OUTSIDE AIR (AC/HR)	ROOM EXHAUST (AC/HR)	AIR BALANCE RELATIONSHIP TO ADJACENT AREAS	ROOM SUPPLY (CFM)	ROOM EXHAUST (CFM)
201	WAITING	885	11'-7"	1844	2048	-	307	12	2	N	YES	2270	2535	-	14.8	4.4	14.8			
208A/208	WAITING	575	9	932	1035	-	155	12	2	N	YES	930	1025	-	12	3.6	12			
210	OFFICE 01	85	9	77	-	77	26	6	2	NR	NO	235	-	235	18.4	6.1	-			
211	OFFICE 02	85	9	77	-	77	26	6	2	NR	NO	235	-	235	18.4	6.1	-			
203	SECURITY OFFICE	100	9	90	-	90	30	6	2	NR	NO	220	-	220	14.7	4.9	-			
207A	TRIAGE 01	80	9	130	144	-	22	12	2	N	YES	200	220	-	18.3	5.6	18.3			
207B	TRIAGE 02	86	9	140	155	-	23	12	2	N	YES	200	220	-	17	5.2	17			
207	HALLWAY	500	9	300	-	300	150	4	2	NR	NO	500	-	500	6.7	2.2	-			
207C	EXAM 01	130	9	117	-	117	39	6	2	NR	NO	200	-	200	10.3	3.4	-			
207D	EXAM 02	135	9	122	-	122	41	6	2	NR	NO	200	-	200	9.9	3.3	-			
207E	EXAM 03	120	9	108	-	108	36	6	2	NR	NO	200	-	200	11.1	3.7	-			
207F	EXAM 04	105	9	95	-	95	32	6	2	NR	NO	200	-	200	12.7	4.2	-			
202	REGISTRATION	250	9	225		225	75	6	2	NR	NO	450	-	-	12	4	-			
NA	RESTROOM	63	8'0"	59	84	-	20	10	-	N	YES	60	100	-	11.9	4	11.9			
NA	RESTROOM	68	8'0"	66	91	-	22	10	-	N	YES	60	100	-	11.0	3.7	11.0			
276	TOILET	66	8'0"	63	88	-	21	10	-	N	YES	75	100	-	11.4	3.8	11.4			
277	STORAGE	37	8'0"	25	50	-	8	10	-	N	YES	55	80	-	16.2	5.4	16.2			
278	TOILET	70	8'0"	68	93	-	23	10	-	N	YES	75	100	-	10.7	3.6	10.7			
279	LOCKERS	212	9'6"	175	200	-	58	6	2	NR	NO	180	205	-	6.1	2	6.1			

P = POSITIVE, NR = NO REQUIREMENT FOR CONTINUOUS DIRECTIONAL CONTROL, N = NEGATIVE
 TO BE COMPLETED BY CONTRACTOR.

# **EXHAUST FAN**

	MANUFACTURER						FAN	_			Ν	IOTOR				
MARK	& MODEL	LOCATION	TYPE	SERVICE	EMERGENCY POWER (Y/N)	AIRFLOW CFM	ESP IN WG.	RPM	HP	BHP	VOLTS	PHASE	RPM	ENCLOSURE	OPERATING WEIGHT LBS.	OSHPD OSP #
EF-1	GREENHECK CUBE-200-15	ROOF	CENTRIFUGAL UPBLAST	EMERGENCY DEPARTMENT	Y	4,400	.625	985	1.5	1.2	208	3	1725	ODP	184	OSP-0148-10

# **EXISTING AIR HANDLING UNIT**

	· · · · · · · · · · · · · · · · · · ·			-																												
												SUPPI	LY FAN					RE	ETURN FAN													
MARK	MANUFACTURER &	TYPE	SERVICE	EMERGENC POWER	CY TOTAL	1 USA							MC	TOR					MOTOR			AIR	SIDE		W	ATER SIC	ЭЕ		AIR SIDE		W	/ATE
	MODEL			(Y/N)	SA		CFM	AIR	IN WC	QTY	RPM	HP	RPM	VOLTS	PHASE	QTY	RPM	HP	VOLTS	PHASE	EA	∖T °F	LA	∖T °F	GPM	EWT	LWT	EAT °F	LAT °F		GPM	E
												(EACH)		VOLIC	1102				10210		DB	WB	DB	WB		°F	°F	DB	DB	WC		
(E) AHU-2	PACE P36	HORIZONTAL	ED WAITING AREA	Y	22335	5 7820	16385	5 1870	6	1	2708	40	3500	480	3	1	615	15	480	3	86	67.5	55	54	135	46	60	50	65	0.07	36	
1 EXIST	ING AHU-2 IS EQUIPF	PED WITH 30% PRE-F	-ILTERS AND 99.97% F	FINAL FILTERS	, PER OSH	HPD PRC	JECT H	S-031017-	-37.	I			<b>J</b>	1	1		1 R	ESET THE OSA CFN	M OF (E)AHU-2 TO THE V	ALUES INDICATED IN	THE SCH	IEDULE 1	TO ENSU	RE THAT	THE OS	A PERCE	NTAGE C	OF THE TC	)TAL SUPP	LY AIR IS	5 MAINTA	NE

2 EXISTING AHU-2 IS EQUIPPED WITH A SMOKE DETECTOR IN THE MAIN SUPPLY LEAVING THE AHU, FOR AUTOMATIC SHUTOFF UPON DETECTION OF SMOKE. 3 REBALANCE RA FAN. PROVIDE SHEAVES AND BELTS.

# **AIR TERMINALS**

											F	IEATING COI	L				
MARK	MANUFACTURER	LOCATION	SERVICE (ROOM)	INLET SIZE	DCV	AIR	ELOW		AIR	SIDE				WATERSIDE			REMARKS
WARK	& MODEL	LUCATION		IN	Y/N	AIRFLOW CFM	MAX HTG. CFM	HTG. MBH	EAT °F	LAT °F	MAX PD IN	GPM	EWT °F	LWT °F	MAX PD FT	ROWS	NEWIANNO
CAV-1	TITUS DESV	EXAM ROOM #2	EXAM ROOM #1	4	Y	200	200	7.6	55	90	0.2	0.51	180	150	5	2	1
CAV-2	TITUS DESV	EXAM ROOM #2	EXAM ROOM #2	4	Y	200	200	7.6	55	90	0.2	0.51	180	150	5	2	1
CAV-3	TITUS DESV	HALLWAY	HALLWAY	6	Y	500	500	18.9	55	90	0.2	1.26	180	150	5	2	1
CAV-4	TITUS DESV	HALLWAY	MAIN WAITING AREA	14	Y	2900	2900	109.7	55	90	0.2	7.31	180	150	5	2	1
CAV-5	TITUS DESV	EXAM 03	TRIAGE 01, 02, EXAM 03	7	Y	600	600	22.7	55	90	0.2	1.52	180	150	5	2	1
CAV-6	TITUS DESV	EXAM 04	EXAM 04	4	Y	200	200	7.6	55	90	0.2	0.51	180	150	5	2	1
CAV-7	TITUS DESV	REGISTRATION WAITING	REGISTRATION WAITING	9	Y	930	930	35.2	55	90	0.2	2.35	180	150	5	2	1
CAV-8	TITUS DESV	REGISTRATION WAITING	REGISTRATION	6	Y	450	450	17.1	55	90	0.2	1.14	180	150	5	2	1
CAV-9	TITUS DESV	OFFICE 02	OFFICE 01, 02, TOILETS	7	Y	650	650	24.6	55	90	0.2	1.64	180	150	5	2	1
CAV-10	TITUS DESV	LOCKERS	LOCKERS, TOILET, STORAGE	6	Y	385	385	14.6	55	90	0.2	0.97	180	150	5	2	1

1 PROVIDE MEMORY STOP ADJUSTMENT LEVER FOR MANUAL ADJUSTING.

4

GRIL	LES, R	EGISTE	RS, DIF	FUSER	S

MARK	DESCRIPTION	MATERIAL	STYLE	FRONT BLADES	DAMPEI
CD-1	PRICE SMCD	STEEL	LAY-IN	MODULAR	N/A
CD-2	PRICE SMCD	STEEL	HARD LID	MODULAR	N/A
EG-1	PRICE 530	STEEL	HARD LID	HORIZONTAL	N/A
RG-1	PRICE PDR $\frac{7}{4}$	STEEL	LAY-IN	PERFORATED	N/A
RG-2	PRICE 530	STEEL	HARD LID	HORIZONTAL	N/A

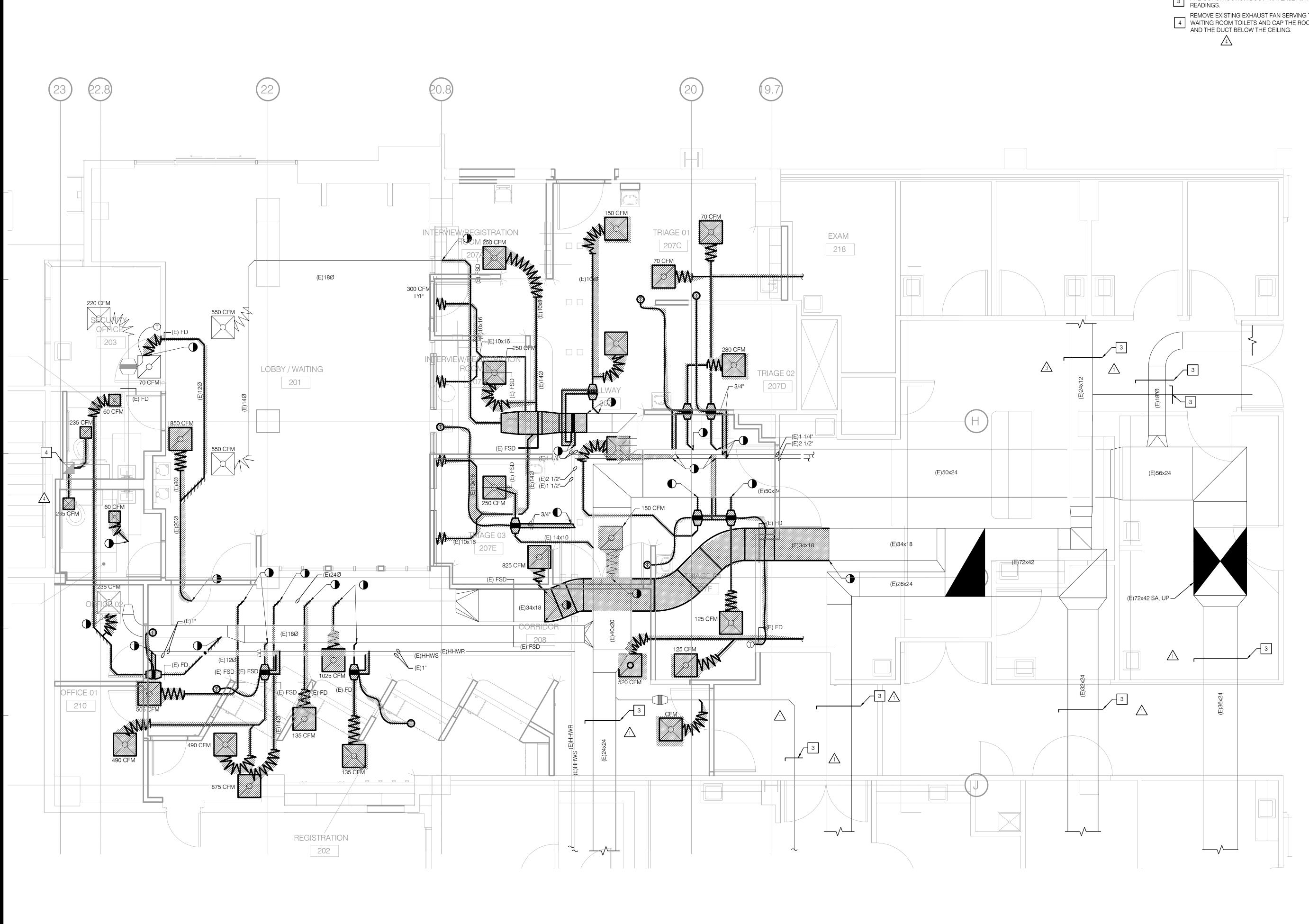
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1 COORDINATE WITH ARCHITECT.

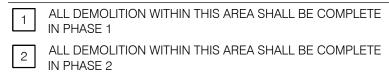
2 PROVIDE W/ FILLER PANEL.

3 PROVIDE W/ DUCT COLLAR NECK.

								S F E I R ARCHITECTS
		L	2 ROOM TOT	AL ROOM	ROOM	REMARKS		1350 Columbia Street, Suite 603 San Diego, CA 92101
T	. RO	OM RETURN (CFM)	AIR CHANG (AC/HR)					P: 619-299-3917 F: 619-299-5084 www.sfeirarch.com
						1		www.sieiraich.com
						1		TCMC
								EMERGENCY
						1		DEPARTMENT
						1		
						1		TRI-CITY MEDICAL CENTER
								4002 VISTA WAY OCEANSIDE, CALIFORNIA
						1		92056
						1		OWNER: TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056
						1		TEL(760)724-8411 ARCHITECT: SFEIR ARCHITECTS 5151 SHOREHAM PLACE, SUITE 100
						1		SAN DIEGO, CALIFORNIA 92122 TEL(619)299-3917 FAX(619)299-5084 STRUCTURAL: SUN STRUCTURAL ENGINEERING, INC.
		2	4				_	2091 LAS PALMAS DRIVE, SUITE D CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188 ME&P: P2S
								9665 CHESAPEAKE DRIVE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347 FAX(619)330-0668
				REMARKS				SED ARCHY THE PROFESSIONAL STR
								$\left(\begin{array}{c} & \begin{pmatrix} \circ \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\$
								OF CALFORNIC OF
			RE-FILTERS	FINAL FILTERS				
	ATER SII EWT °F	LWT °F	EFF %	EFF %		REMARKS		A     A     DESIGN CHANGES     02/15/17       5     A     OSHPD COMMENTS     08/11/17
	180	160	30%	99.97	1 2 3	$\Delta$		REV: DESCRIPTION: DATE:
A	INED AE	OVE 33.3%						<b>P2S Engineering, Inc.</b> 9665 Chesapeake Dr., Suite #230
								San Diego, CA 92123 T 619.618.2347 F 619.330.0668 www.p2seng.com
	7	FINISH		REMARKS			_	OSHPD APPROVAL STAMP: OSHPD #: S162093-37-00
			2					
	- [-	]	3					
								PROJECT TITLE: TCMC EMERGENCY DEPARTMENT
								PROJECT #: SHEET NUMBER: 01593.00 DRAWN BY:
								CHECKED BY: SCALE: As indicated
								DATE:







3 PRE-CONSTRUCTION DUCT TRAVERSE AIR FLOW READINGS.

4 REMOVE EXISTING EXHAUST FAN SERVING THE ED WAITING ROOM TOILETS AND CAP THE ROOF OPENING AND THE DUCT BELOW THE CEILING.



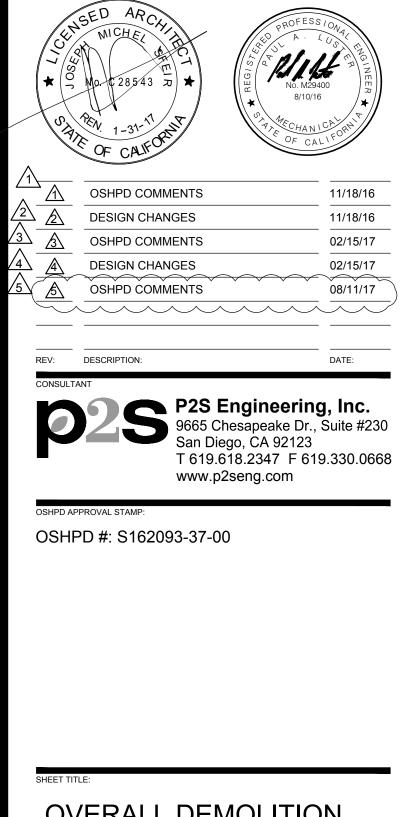
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# TCMC EMERGENCY DEPARTMENT

# TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056

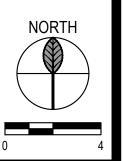
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STRUCTURAL:	SUN STRUCTURAL ENGINEERING, INC. 2091 LAS PALMAS DRIVE, SUITE D CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188
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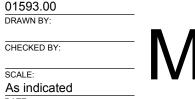
## OVERALL DEMOLITION PLAN

PROJECT TITLE: TCMC EMERGENCY DEPARTMENT

SHEET NUMBER



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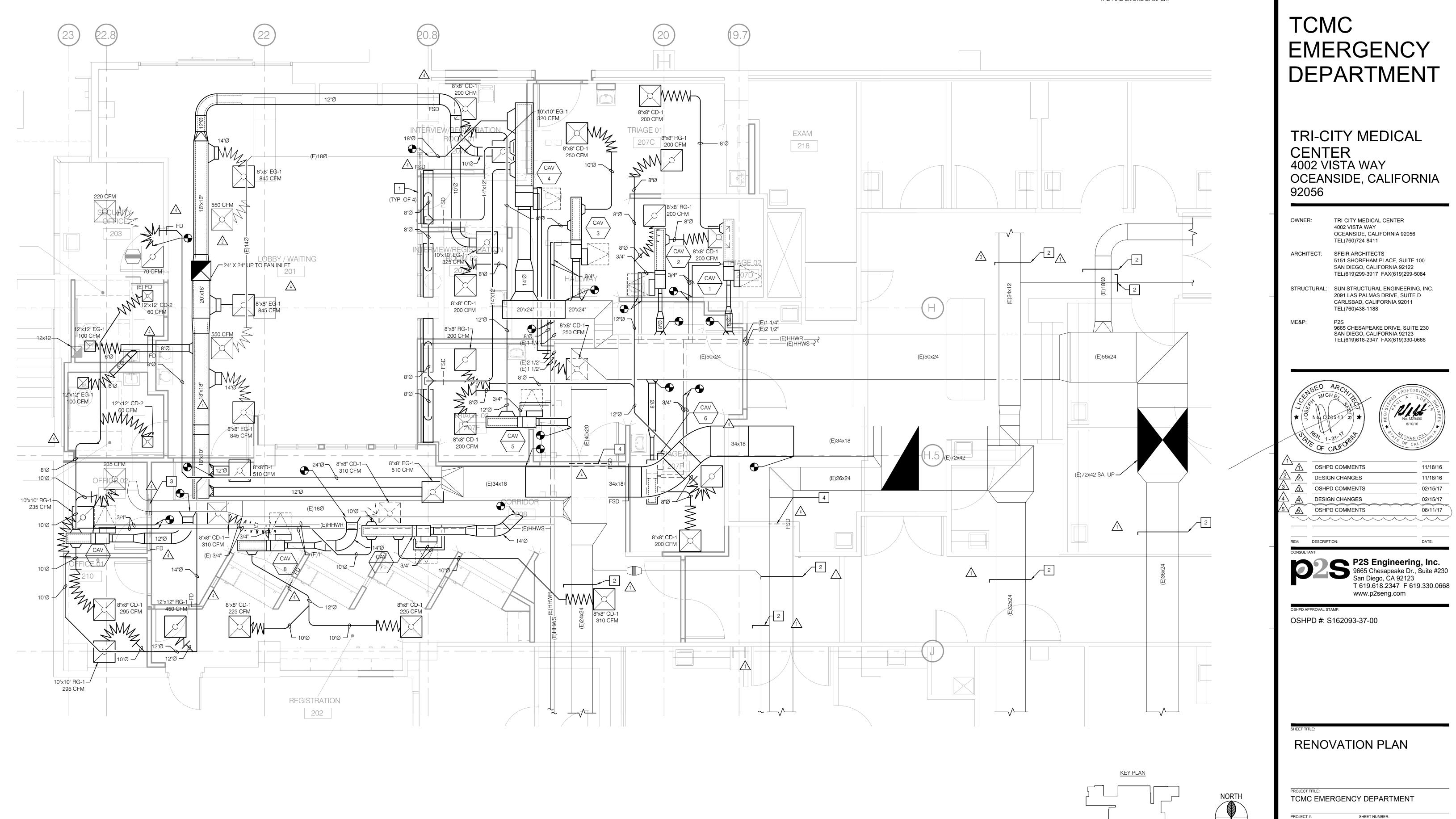
PROJECT #:

01593.00 DRAWN BY:

CHECKED BY:

08/03/16

SCALE:



- EXISTING SIDEWALL SA TO REMAIN WITH NEW SA PLENUM. BALANCE TO 450 CFM.
- 2 PROVIDE MANUAL BRANCH VOLUME DAMPER. BALANCE TO PRE-CONSTRUCTION AIR FLOW READ VALUES.

A 3 PROVIDE FIRE DAMPER FOR EXISTING DUCT. CONFIRM DUCT SIZE PRIOR TO THE PROCUREMENT OF THE FIRE DAMPER.

4 PROVIDE FIRE SMOKE DAMPER FOR EXISTING DUCT. CONFIRM DUCT SIZE PRIOR TO THE PROCUREMENT OF THE FIRE SMOKE DAMPER.



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PROJECT #: 01593.00 DRAWN BY CHECKED BY:

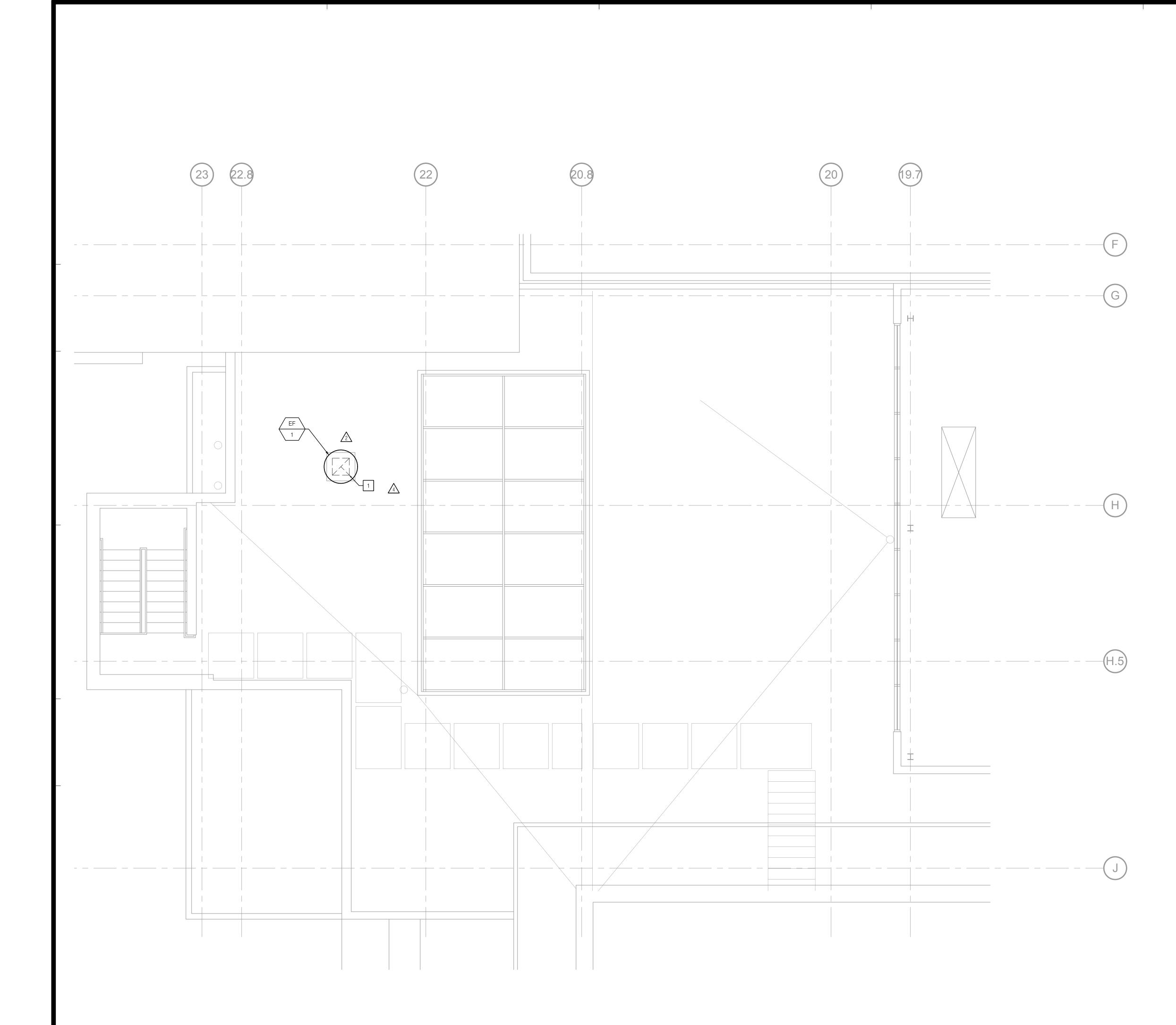
> SCALE: As indicated 08/03/16

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

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P2S No. 8232



18" X 18" EXHAUST DUCT DOWN THROUGH ROOF TRANSITIONS TO 24" X 24" EXHAUST DUCT.

4



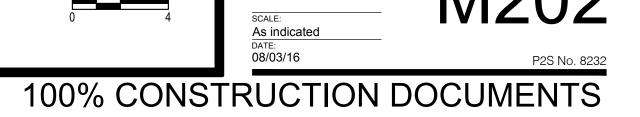
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# TCMC EMERGENCY DEPARTMENT

# TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056

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1/18/16
1/18/16
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2/15/17 3/11/17
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<b>Inc.</b> ite #230 30.0668



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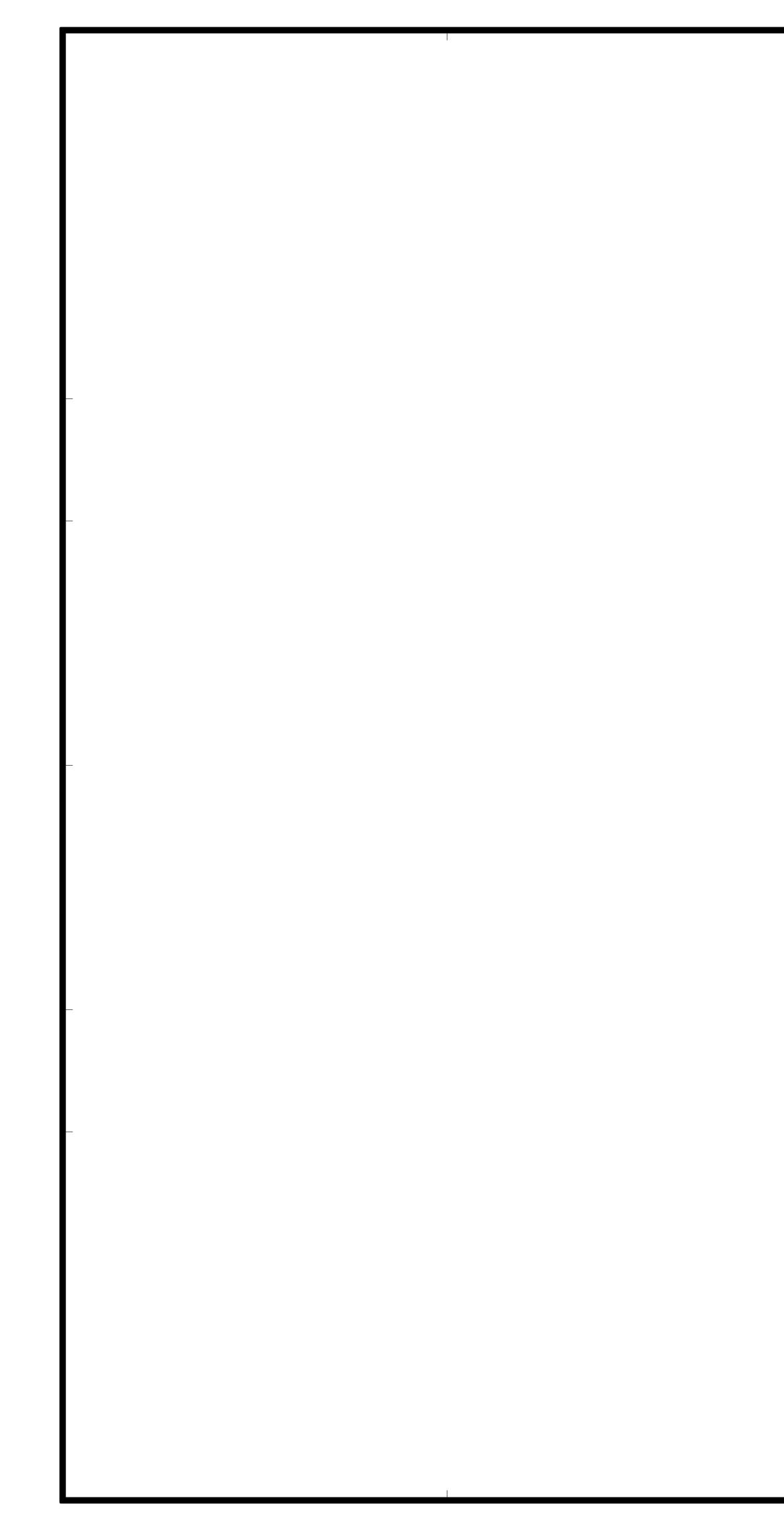
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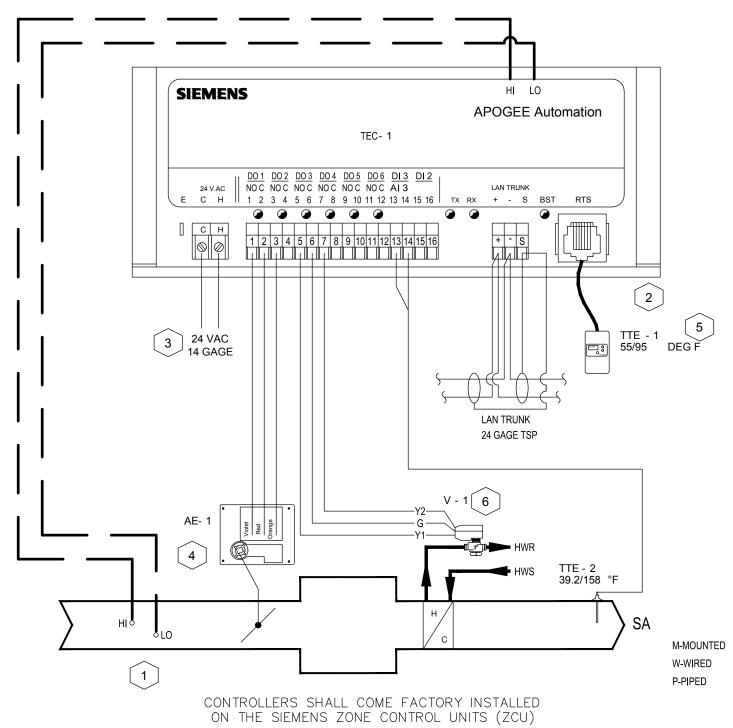
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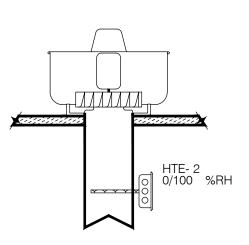
SCALE: 1/4" = 1'-0"

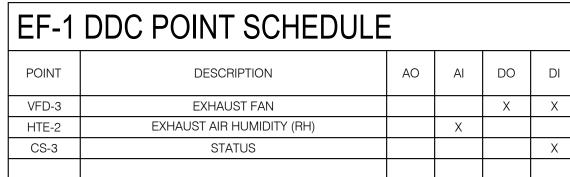
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EXHAUST FAN CONTROL DIAGRAM NO SCALE

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### F S R E ARCHITECTS

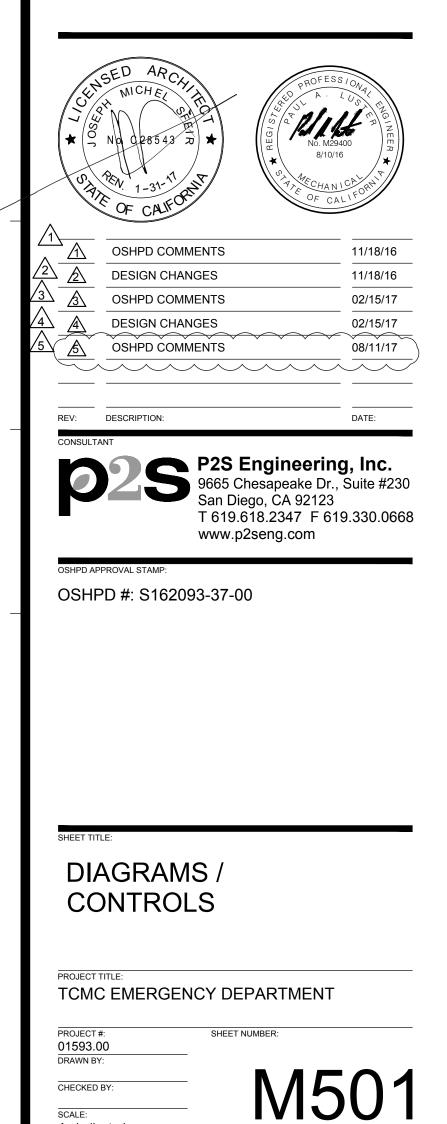
1350 Columbia Street, Suite 603 San Diego, CA 92101

P: 619-299-3917 F: 619-299-5084 www.sfeirarch.com

# TCMC EMERGENCY DEPARTMENT

# TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056

OWNER:	TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056 TEL(760)724-8411
ARCHITECT:	SFEIR ARCHITECTS 5151 SHOREHAM PLACE, SUITE 100 SAN DIEGO, CALIFORNIA 92122 TEL(619)299-3917 FAX(619)299-5084
STRUCTURAL:	SUN STRUCTURAL ENGINEERING, INC. 2091 LAS PALMAS DRIVE, SUITE D CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188
ME&P:	P2S 9665 CHESAPEAKE DRIVE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347 FAX(619)330-0668



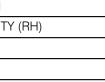
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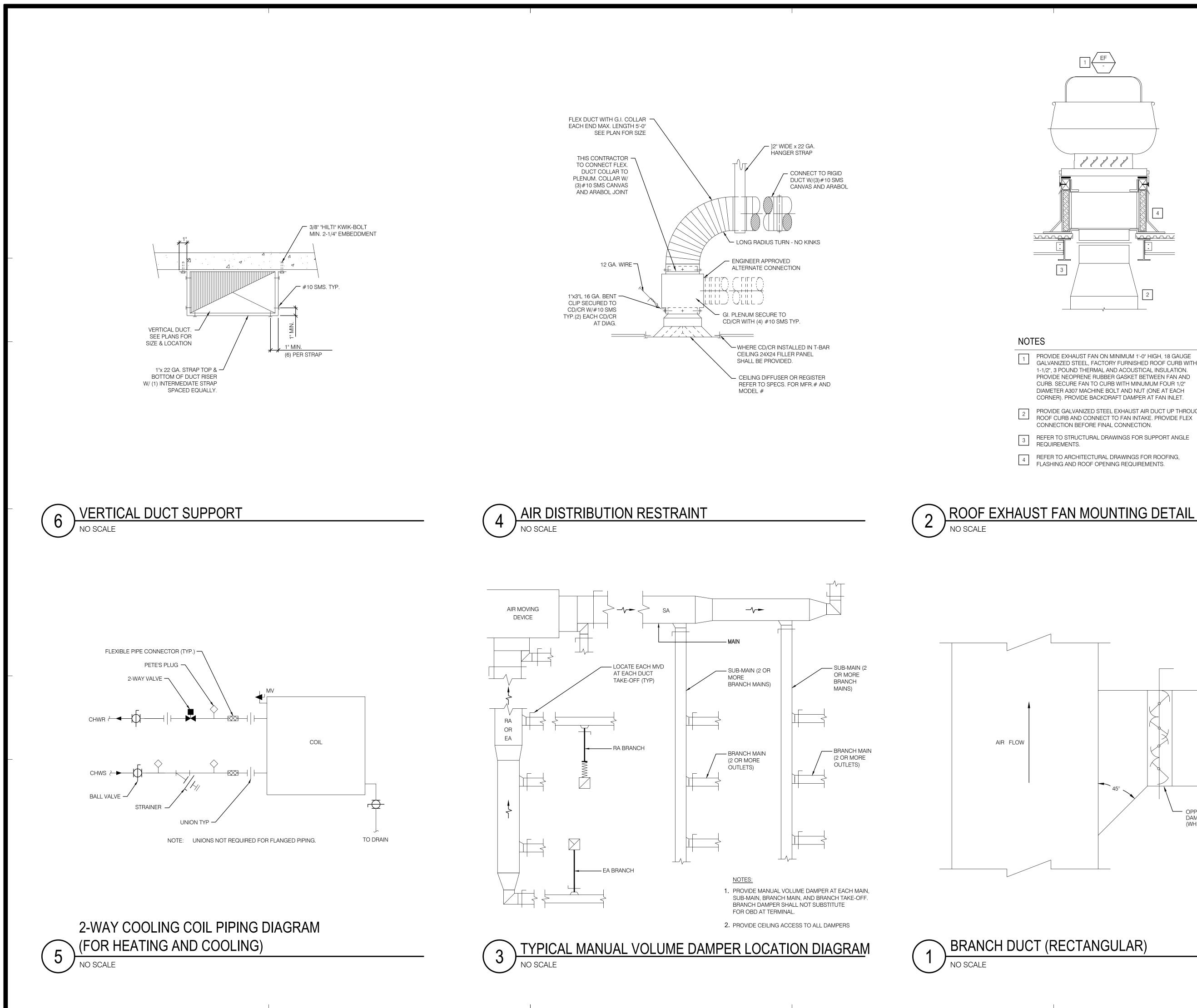
INSTALLATION NOTES:

- 1 CV BOX INSTALLED BY MECHANICAL CONTRACTOR WITH 3 TO 5 STRAIGHT DUCT DIAMETERS UPSTREAM OF BOX TO PROVIDE PROPER FLOW SENSING.
- 2 TEC-1 TO BE MOUNTED IN MANUFACTURER SUPPLIED CONTROLLER ENCLOSURE
- 3 REFER TO BUILDING POWER TRUNK DRAWING FOR 24 VAC POWER
- 4 MOUNT ACTUATOR IN FULL CLOCKWISE POSITION WITH DAMPER FULL OPEN POSITION. VERIFY TEC-1 AND ACTUATOR REQUIREMENT WITH THE BOX MANUFACTURER
- 5 LOCATE AS SHOWN ON FLOOR PLANS/CONTRACT DOCUMENTS
- 6 PRESSURE INDEPENDANT VALVES ARE TO BE USED.

		SIEMENS				
	DEVICE	FITTER	ELEC.	MANUFACTURER	DIVISION 16	DIVISION 15
	TTE-1,2		M,W			
	AE-1			M,W		
/I-MOUNTED	TEC-1			M,W,P		
V-WIRED	V-1		W			М
P-PIPED	LAN TRUNK		W			
	POWER (24VAC)		W			

CS- 3





- PROVIDE EXHAUST FAN ON MINIMUM 1'-0" HIGH, 18 GAUGE GALVANIZED STEEL, FACTORY FURNISHED ROOF CURB WITH 1-1/2", 3 POUND THERMAL AND ACOUSTICAL INSULATION. PROVIDE NEOPRENE RUBBER GASKET BETWEEN FAN AND CURB. SECURE FAN TO CURB WITH MINUMUM FOUR 1/2" DIAMETER A307 MACHINE BOLT AND NUT (ONE AT EACH CORNER). PROVIDE BACKDRAFT DAMPER AT FAN INLET.
- 2 PROVIDE GALVANIZED STEEL EXHAUST AIR DUCT UP THROUGH ROOF CURB AND CONNECT TO FAN INTAKE. PROVIDE FLEX CONNECTION BEFORE FINAL CONNECTION.
  - REFER TO STRUCTURAL DRAWINGS FOR SUPPORT ANGLE



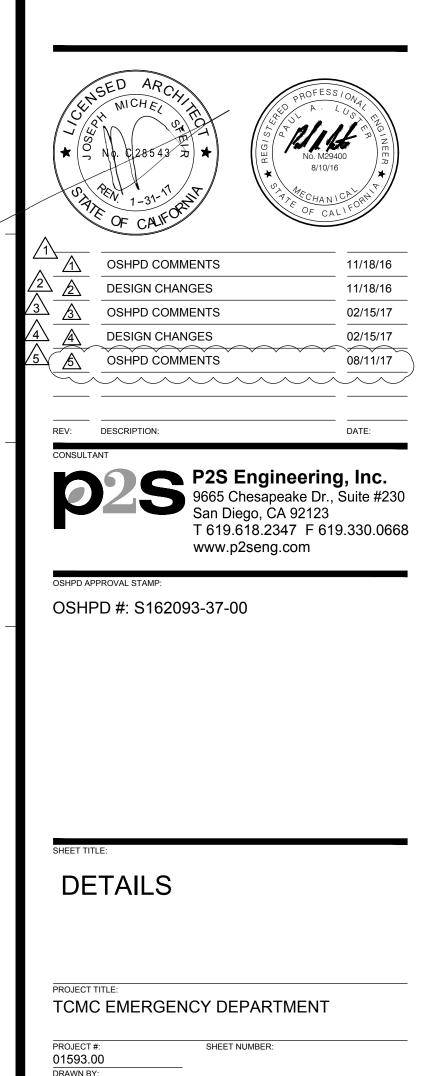
1350 Columbia Street, Suite 603 San Diego, CA 92101

P: 619-299-3917 F: 619-299-5084 www.sfeirarch.com

# TCMC EMERGENCY DEPARTMENT

## TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056

OWNER:	TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056 TEL(760)724-8411
ARCHITECT:	SFEIR ARCHITECTS 5151 SHOREHAM PLACE, SUITE 100 SAN DIEGO, CALIFORNIA 92122 TEL(619)299-3917 FAX(619)299-5084
STRUCTURAL:	SUN STRUCTURAL ENGINEERING, INC. 2091 LAS PALMAS DRIVE, SUITE D CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188
ME&P:	P2S 9665 CHESAPEAKE DRIVE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347 FAX(619)330-0668



M601

P2S No. 8232

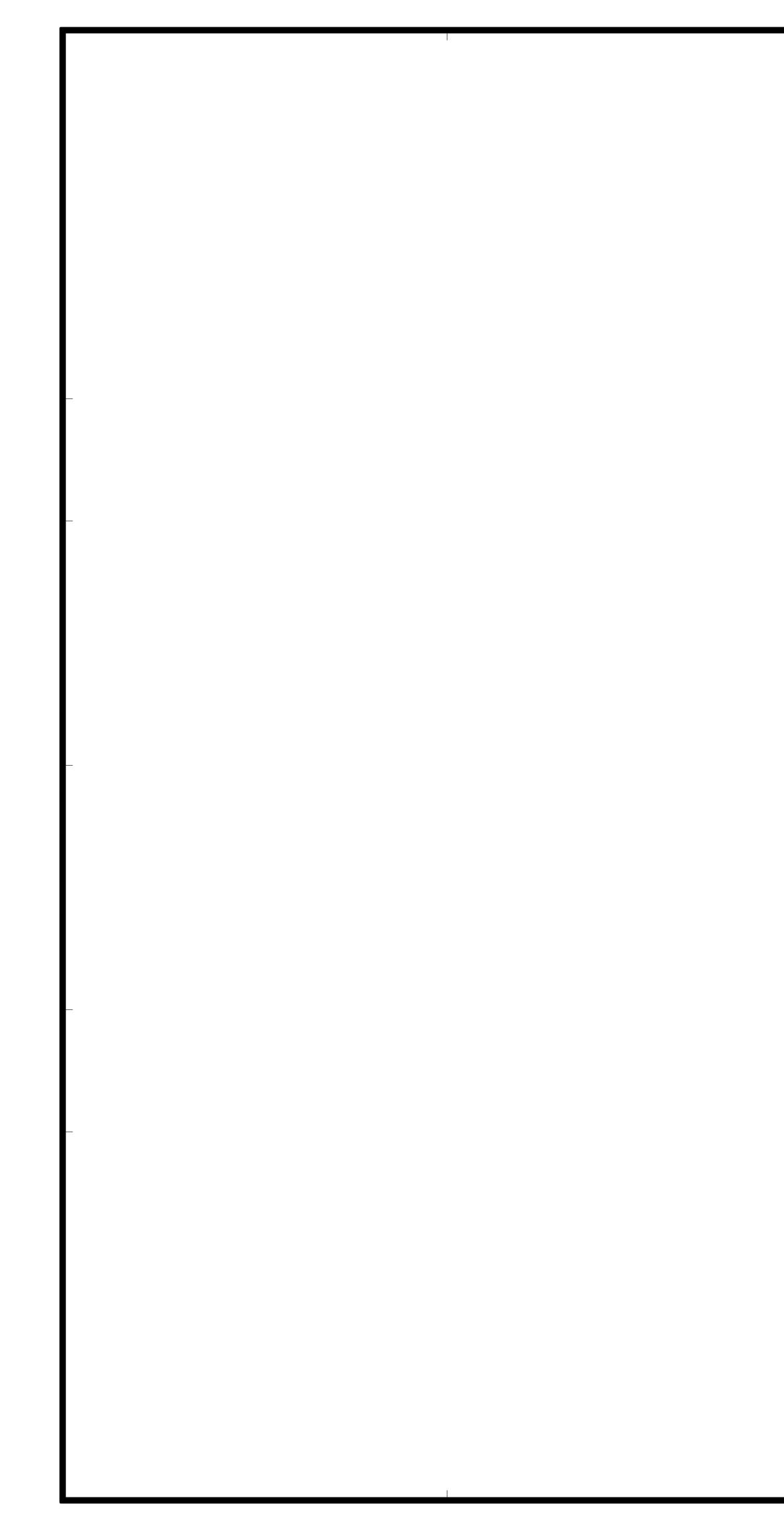
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OPPOSED BLADE DAMPER (WHEN OCCUR)

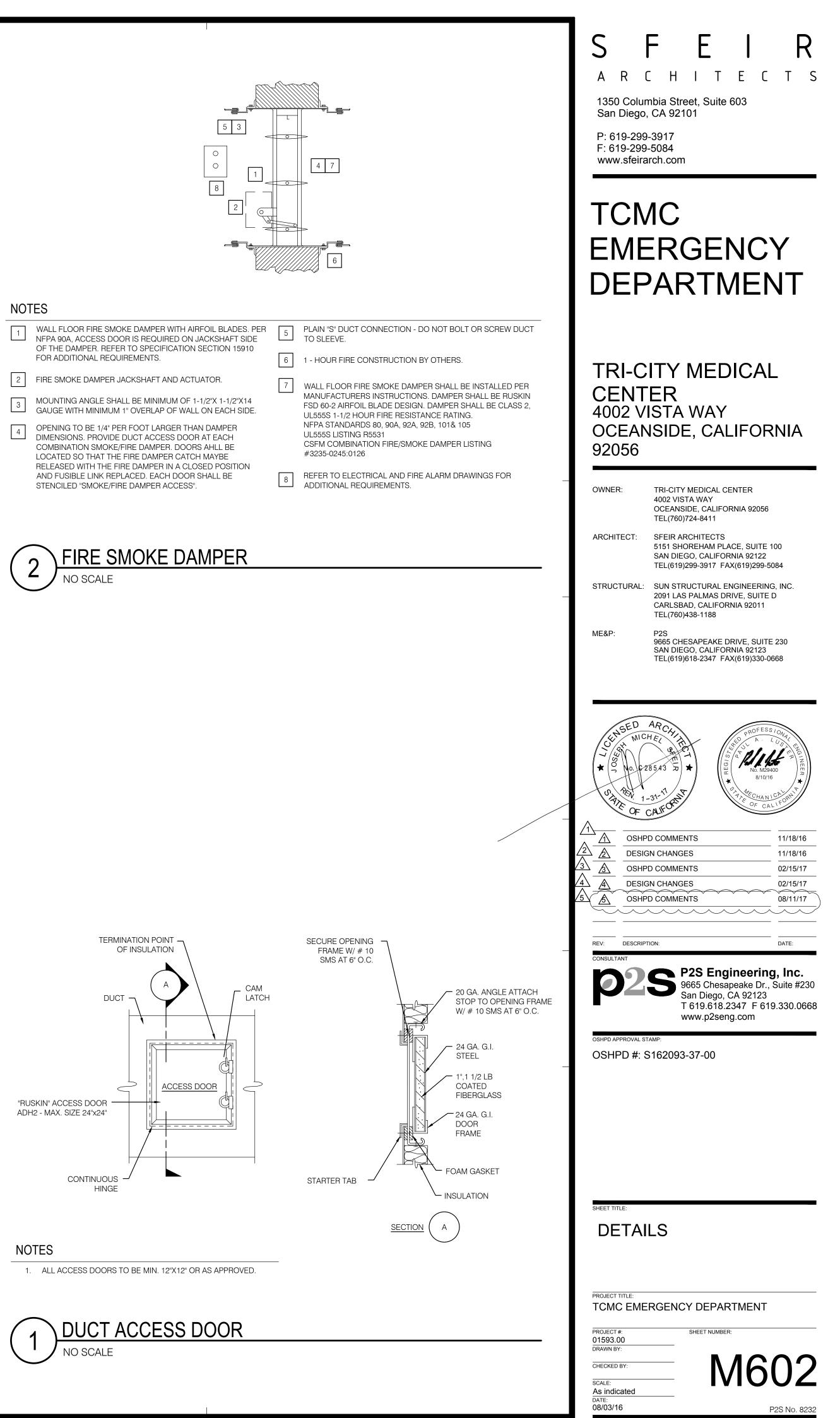


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SCALE: As indicate 08/03/16

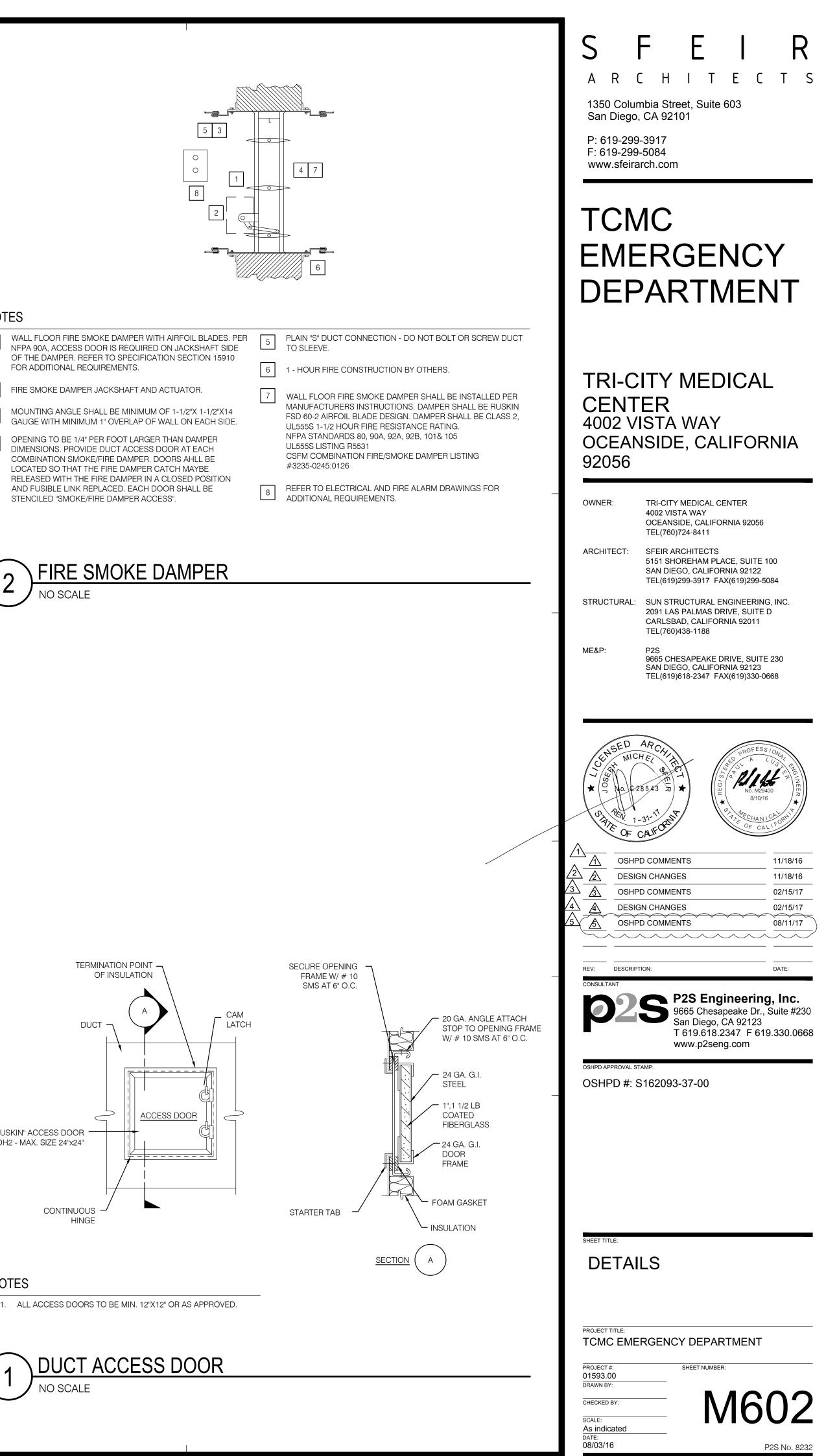


FOR ADDITIONAL REQUIREMENTS.

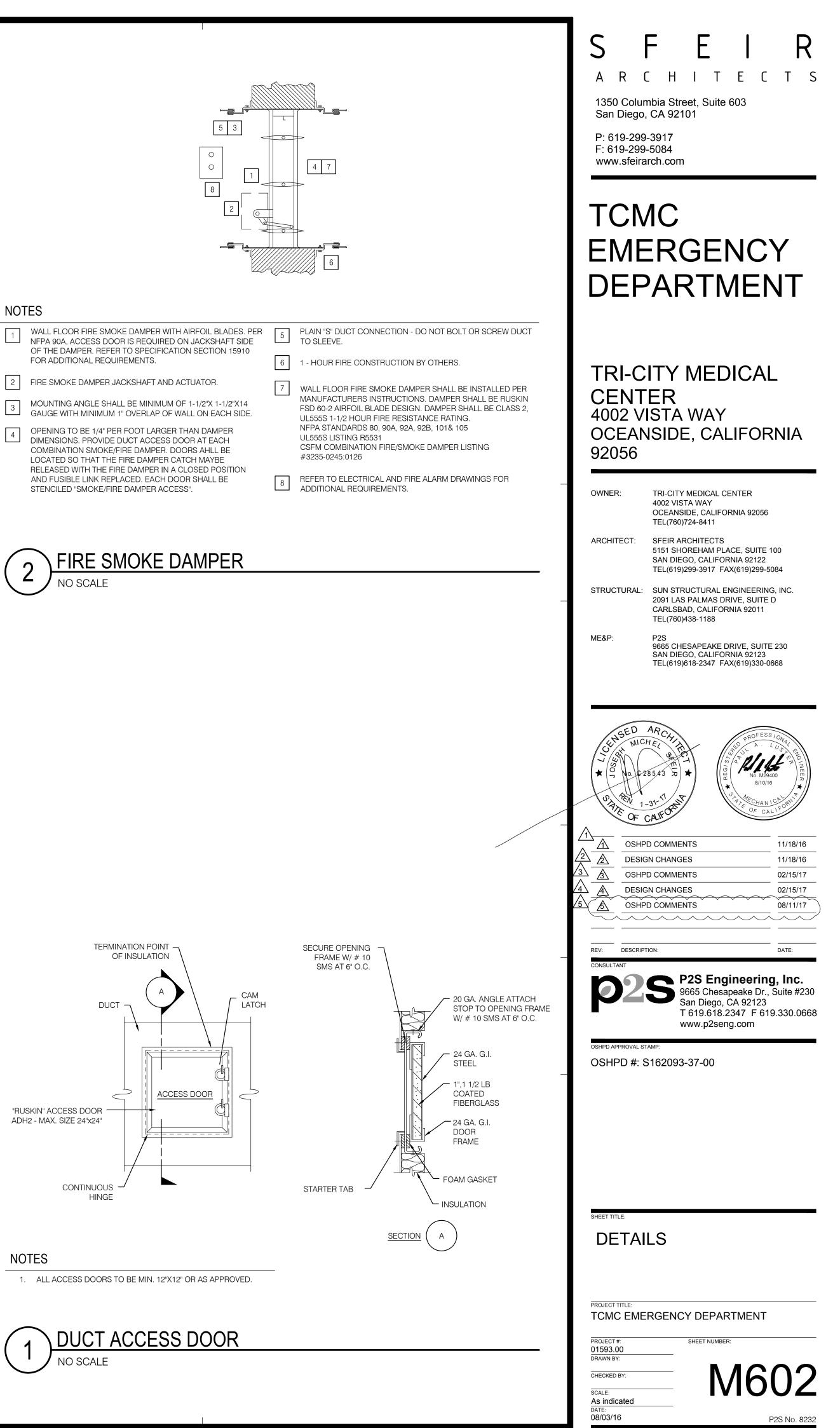


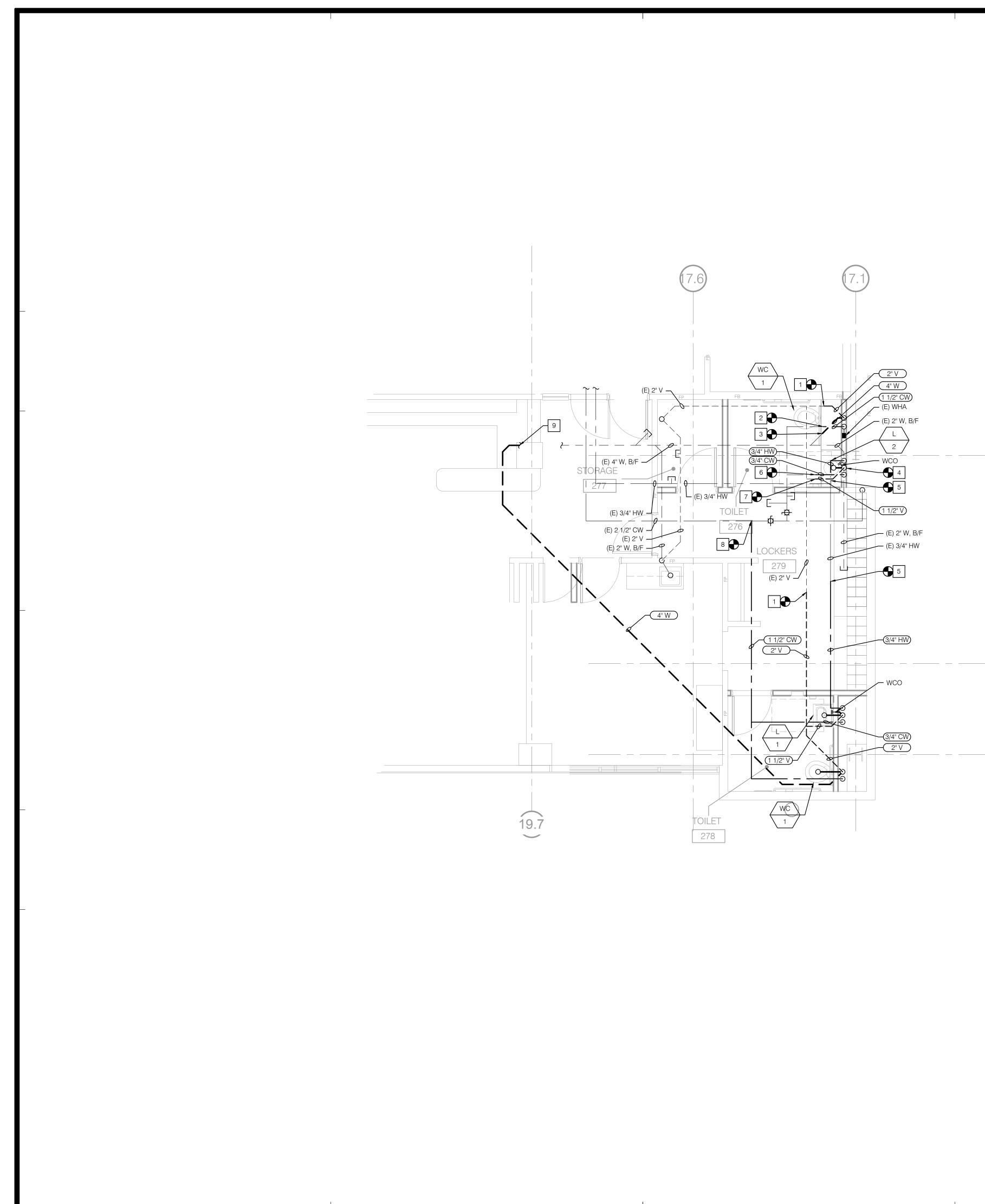
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Ν

### NOTES

- 1 POC 2" V TO (E) 2" V.
- 2 POC 1 1/2" CW TO (E) 1 1/2" CW.
- 3 POC 4" W TO (E) 4" W.
- 4 POC 2"W TO (E) 2" W.
- 5 POC 3/4" HW TO (E) 3/4" HW.
- 6 POC 3/4" CW TO (E) 3/4" CW.
- 7 POC 1 1/2" V TO (E) 1 1/2" V.
- 8 POC 1 1/2" CW TO (E) 2 1/2" CW.
- 9 POC 4" W TO (E) 4" W IN COLUMN.

KEY PLAN

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

1350 Columbia Street, Suite 603 San Diego, CA 92101

P: 619-299-3917 F: 619-299-5084 www.sfeirarch.com

# TCMC EMERGENCY DEPARTMENT

## TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056

Image: Strategy of the strategy	4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056         RCHITECT:       SFEIT SHOREHAM PLACE, SUITE 100 SAN DIEGO, CALIFORNIA 92122         IRUCTURAL:       SUN STRUCTURAL ENGINEERING, INC.         2091 LAS PALMAS DRIVE, SUITE 20 CARLSBAD, CALIFORNIA 92121         TEL(619)299-3917 FAX(619)299-5084         IRUCTURAL:       SUN STRUCTURAL ENGINEERING, INC.         2091 LAS PALMAS DRIVE, SUITE 20 CARLSBAD, CALIFORNIA 92121         TEL(619)618-2347 FAX(619)330-0668         IEBP:       P2S SMD DIEGO, CALIFORNIA 92123 TEL(619)618-2347 FAX(619)330-0668         IMITECT:       OSHPD COMMENTS         IMITECT:       DESIGN CHANGES         IMITECT: <t< th=""><th>OWNER:</th><th></th><th></th></t<>	OWNER:		
S151 SHOREHAM PLACE, SUITE 100 SAN DIEGO, CALIFORNIA 92122 TEL(619)299-3917 FAX(619)299-5084 STRUCTURAL: SUN STRUCTURAL ENGINEERING, INC. 2091 LAS PALMAS DRIVE, SUITE D CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188 ME&P: P2S 9665 Chesapeake Dr., Suite #2 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347 FAX(619)330-0668	SIGI SHOREHAM PLACE, SUITE 100 SAN DIEGO, CALIFORNIA 92122 TEL(619)299-3917 FAX(619)239-5084 TRUCTURAI: SUN STRUCTURAL ENGINEERING, INC. 2091 LAS PALMAS DRIVE, SUITE 02 CARLSBAD, CALIFORNIA 920123 TEL(619)618-2347 FAX(619)330-0668		4002 VISTA WAY OCEANSIDE, CALIFORNIA 92	056
2091 LAS PALMAS DRIVE, SUITE D CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188 ME&P: P2S 9665 CHESAPEAKE DRIVE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347 FAX(619)330-0668 TEL(619)618-2347 FAX(619)330-0668 TEL(619)618-2347 FAX(619)330-0668 TEL(619)618-2347 FAX(619)330-0668 TEL(619)618-2347 FAX(619)330-0668 TEL(619)618-2347 FAX(619)330-0668 TEL(619)618-2347 FAX(619)330-0668 TEL(619)618-2347 FAX(619)330-0668 TEL(619)618-2347 FAX(619)330-0688 TEL(619)618-2347 FAX(619)330-0688 TEL(619)618-2347 FAX(619)330-0688 TEL(619)618-2347 F619.330.06 www.p2seng.com	AREA DESCRIPTION:	ARCHITECT:	5151 SHOREHAM PLACE, SU SAN DIEGO, CALIFORNIA 92	22
9665 CHESAPEAKE DRIVE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347 FAX(619)330-0668	Bes CHESAPEAKE DRIVE, SUITE 20 STEL (619)618-2347 FAX (619)330-0668         Image: Contract of the state	STRUCTURAL:	2091 LAS PALMAS DRIVE, SU CARLSBAD, CALIFORNIA 920	IITE D
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OSHPD COMMENTS 08/11/1 REV: DESCRIPTION: DATE: CONSULTANT P2S Engineering, Inc. 9665 Chesapeake Dr., Suite #2 San Diego, CA 92123 T 619.618.2347 F 619.330.06 www.p2seng.com	OSHPD COMMENTS 08/11/   OBIT 08/11/   OBIT 08/11/   EV DESCRIPTION:   DESCRIPTION: DATE:   OSULTANT 0655 Chesapeake Dr., Suite # San Diego, CA 92123 T 619.618.2347 F 619.330.0 www.p2seng.com   SMPD APPROVAL STAME: SCHPD #: S162093-37-00 HET TITE: RENOVATION PLAN ROUT TITLE: COLCT TI			02/15/17
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P2S Engineering, Inc. 9665 Chesapeake Dr., Suite #2 San Diego, CA 92123 T 619.618.2347 F 619.330.06 www.p2seng.com	ONSULTANT     P2S Engineering, Inc.   965 Chesapeake Dr., Suite #   San Diego, CA 92123   19.0618.2347 F 619.330.0   www.p2seng.com   SHPD #: S162093-37-06   HERT TITLE:   RENOVATION PLANS   ROJECT TITLE:   CMJECT TITLE:			
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P2S Engineering, Inc. 9665 Chesapeake Dr., Suite #2 San Diego, CA 92123 T 619.618.2347 F 619.330.06 www.p2seng.com	P2S Engineering, Inc. 965 Chesapeake Dr., Suite # San Diego, CA 92123 1919 618.2347 F 619.330.0 ww.p2seng.com SHPD #: S162093-37-08 HET TITLE: RENOVATION PLAN REVENTION PLAN RUBBER BENERGENCY DEPARTMENT		FION:	DATE:
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	CMC EMERGENCY DEPARTMENT	OSHPD #: S	T 619.618.2347 F www.p2seng.com 5162093-37-00	
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RENOVATION PLAN	<u> </u>	OSHPD #: S SHEET TITLE: RENO PROJECT TITLE: TCMC EME PROJECT #: 01593.00	T 619.618.2347 F www.p2seng.com 5162093-37-00 VATION PLAN	



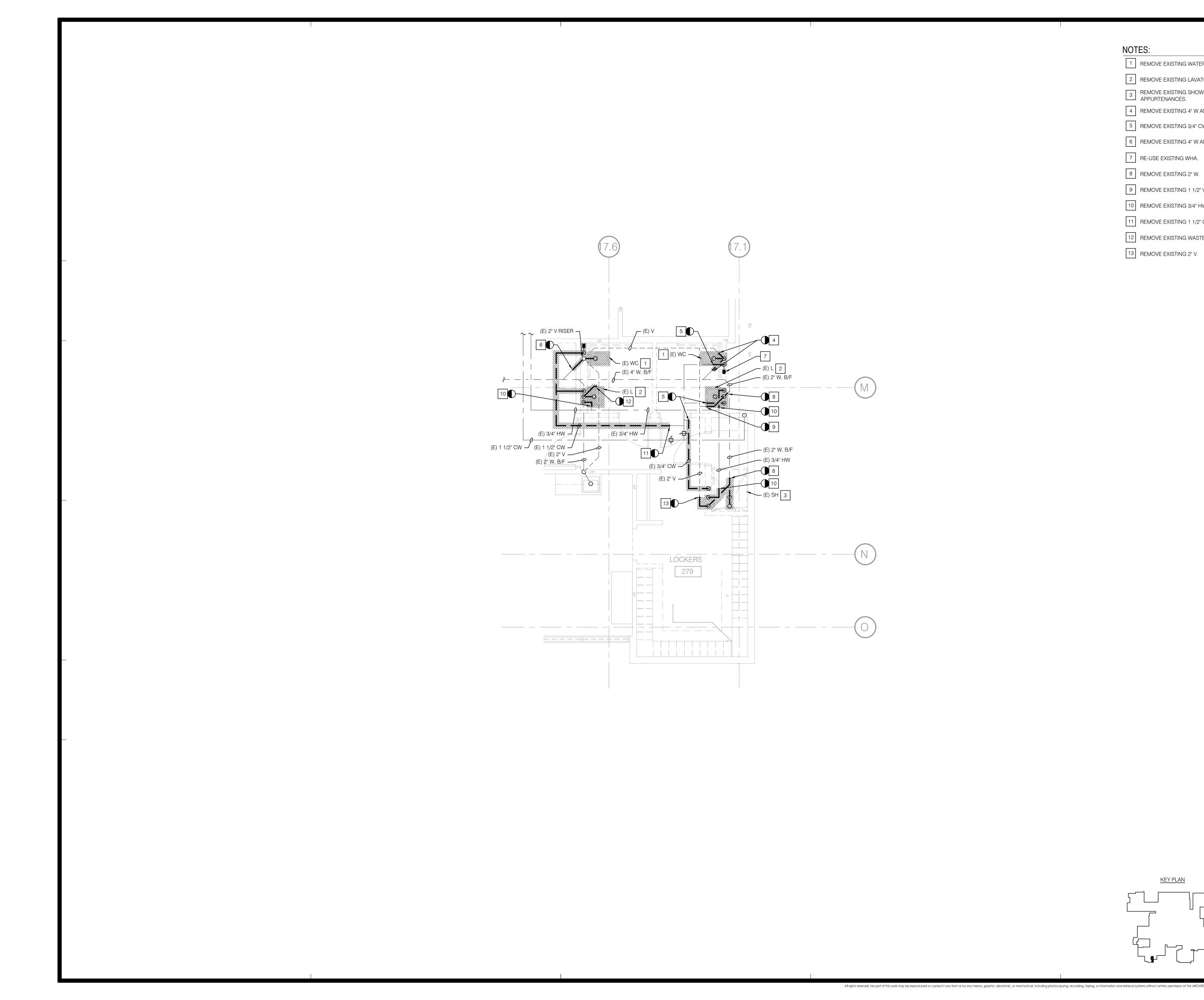
CHECKED BY

SCALE: As indicated

DATE: 08/03/16

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

P202



- 1 REMOVE EXISTING WATER CLOSET.
- 2 REMOVE EXISTING LAVATORIES.
- 3 REMOVE EXISTING SHOWER HEAD AND ITS ASSOCIATED APPURTENANCES.

4 REMOVE EXISTING 4" W AND EXISTING 2" V.

- 5 REMOVE EXISTING 3/4" CW.
- 6 REMOVE EXISTING 4" W AND CAP AT (E) VENT RISER.
- 7 RE-USE EXISTING WHA.
- 8 REMOVE EXISTING 2" W.
- 9 REMOVE EXISTING 1 1/2" V.
- 10 REMOVE EXISTING 3/4" HW.
- 11 REMOVE EXISTING 1 1/2" CW.
- 12 REMOVE EXISTING WASTE AND VENT.
- 13 REMOVE EXISTING 2" V.

### F S R Ε ARCHITECTS

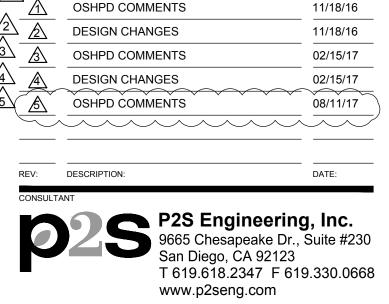
1350 Columbia Street, Suite 603 San Diego, CA 92101

P: 619-299-3917 F: 619-299-5084 www.sfeirarch.com

# TCMC EMERGENCY DEPARTMENT

## TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056

OWNER	:	TRI-CITY MEDIC 4002 VISTA WA OCEANSIDE, C/ TEL(760)724-84	Y ALIFORNIA 92056	
ARCHIT	ECT:	SAN DIEGO, CA	ECTS M PLACE, SUITE LIFORNIA 92122 17 FAX(619)299-5	
STRUCT	URAL:	2091 LAS PALM	RAL ENGINEERIN AS DRIVE, SUITE LIFORNIA 92011 88	
ME&P:		SAN DIEGO, CA	AKE DRIVE, SUITI LIFORNIA 92123 47 FAX(619)330-0	
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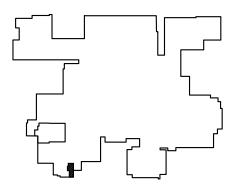


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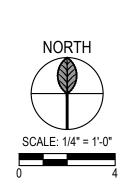
OSHPD APPROVAL STAMP:

## DEMOLITION PLAN

PROJECT TITLE: TCMC EMERGENCY DEPARTMENT



KEY PLAN



PROJECT #: 01593.00 DRAWN BY: CHECKED BY: SCALE: As indicated

08/03/16

SHEET TITLE



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	STORM DRAIN PIPING	Ð	CLEANOUT
<del>_</del>			
$\rightarrow$	ACID WASTE	Ŧ	WATER HAN
$\rightarrow$	ACID VENT	•	TRAP PRIME
$\rightarrow$	PUMP DISCHARGE LINE	·	
$\rightarrow$	TEMPERED WATER		
$\rightarrow$	TEMPERED WATER RECIRCULATING		EVIATIONS
<del>_</del>	SOFT COLD WATER	ABBREVIATIO	N DESCRIPTION
<del>_</del>	CONDENSATE DRAIN	@	AT
	DEIONIZED WATER SUPPLY	ABV A/C	ABOVE ABOVE CEILING
``	DEIONIZED WATER RETURN	AC	ACETYLENE
~		AD AFF	AREA DRAIN ABOVE FINISHED FLOOR
	REVERSE OSMOSIS WATER	AFG	ABOVE FINISHED GRADE
$\rightarrow$	CHILLED WATER SUPPLY	AFSR	AUTOMATIC FIRE SPRINKLEF RISER
$\rightarrow$	CHILLED WATER RETURN	AR AV	ARGON GAS ACID VENT
$\rightarrow$	LAWN SPRINKLER SUPPLY	AW	ACID WASTE
$\rightarrow$	FIRE PROTECTION WATER SUPPLY	BEL BFP	BELOW BACKFLOW PREVENTER
$\rightarrow$	GAS VENT	B/G	BELOW GRADE
<del></del>	FUEL OIL SUPPLY	B/F BTM	BELOW FLOOR BOTTOM
$\rightarrow$	FUEL OIL RETURN	BV	BALL VALVE
$\rightarrow$	FUEL OIL VENT	CI CIP	CAST IRON CAST IRON PIPE
,	LUBRICATING OIL	CLG	CEILING
~		COTG CU	CLEAN-OUT TO GRADE CUBIC
$\rightarrow$	LUBRICATING OIL VENT	CW	COLD WATER
$\rightarrow$	WASTE OIL	DEPT DF	DEPARTMENT DRINKING FOUNTAIN
$\rightarrow$	WASTE OIL VENT	DIA	DIAMETER
$\rightarrow$	OXYGEN	DN DS	DOWN DOWNSPOUT
$\rightarrow$	LIQUID OXYGEN	DWG	DRAWING(S)
$\rightarrow$	COMPRESSED AIR	(E) EXIST	EXISTING EXISTING
<u> </u>	MEDICAL COMPRESSED AIR	EQUIP	EQUIPMENT
	LABORATORY COMPRESSED AIR	EWC F	ELECTRIC WATER COOLER FIRE
,	HIGH PRESSURE COMPRESSED AIR	F/A	FROM ABOVE
~		F/B FCO	FROM BELOW FLOOR CLEAN-OUT
<del>_</del>	HEATING HOT WATER SUPPLY	FD	
~	HEATING HOT WATER RETURN	FF FM	FINISHED FLOOR FORCE MAIN
$\rightarrow$	VACUUM	FS	FLOOR SINK
~	ROOF DRAIN	FT G	FEET NATURAL GAS (LOW
$\rightarrow$	OVERFLOW ROOF DRAIN	G GAL	PRESSURE) GALLONS
~	NONPOTABLE HOT WATER RETURN	GPM	GALLONS GALLONS PER MINUTE
~	MEDICAL VACUUM		
	SURGICAL VACUUM		
`			
- <del>7</del>	LABORATORY VACUUM		
-7	NITROGEN		
	NITROGEN		
$\rightarrow$	NITROUS OXIDE		
~~	NITROUS OXIDE CARBON DIOXIDE		
	NITROUS OXIDE		

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	ELBOW DOWN
	PIPE TEE UP & DOWN OF
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	PIPE TEE DOWN
<del>`</del>	PIPE TEE UP DESCRIPTION
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	SOLENOID VALVE
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	GATE VALVE
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	BALL VALVE
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	PRESSURE REDUCING VA
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	CHECK VALVE, SWING
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	PLUG VALVE
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	STRAINER, Y-TYPE
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	FLOW METER
	BACKFLOW PREVENTER
-+Q	HOSE BIBB
	FLOOR DRAIN
	FLOOR SINK, 1/2 GRATE
	AREA DRAIN / INDUSTRIA
	SHUT-OFF VALVE IN YARI
	BALANCING VALVE
	FLOOR CLEANOUT
	CLEANOUT TO GRADE
	WALL CLEANOUT
	WATER HAMMER ARRES
	TRAP PRIMER
VIATION DESCRIPTION	NS
AT ABOVE ABOVE CEILING ACETYLENE AREA DRAIN ABOVE FINISHEI ABOVE FINISHEI AUTOMATIC FIR RISER ARGON GAS ACID VENT ACID WASTE BELOW BACKFLOW PRE BELOW GRADE BELOW GRADE BELOW FLOOR BALL VALVE CAST IRON CAST IRON PIPE CEILING CLEAN-OUT TO CUBIC COLD WATER	D GRADE E SPRINKLER EVENTER
DEPARTMENT	

### WN OR ELBOW UP

CING VALVE

USTRIAL RECEPTOR

IN YARDBOX

ARRESTOR

ABBREVIATION	DESCRIPTION
GPR	GAS PRESSURE REGULATOR
H&CW	HOT AND COLD WATER
H/L	HIGH LEVEL
HDR	HEADER
HT	HEIGHT
IN	INCHES
IW	INDIRECT WASTE
L or LAV	LAVATORY
MAX	MAXIMUM
MIN	MINIMUM
MPG	NATURAL MEDIUM PRESSURE
	GAS MOUNTED
MTD NTS	NOT TO SCALE
	OXYGEN OVERELOW DRAIN
OD OS&Y	OPEN SCREW AND YOKE
POC	POINT OF CONNECTION
POD	POINT OF CONNECTION POINT OF DISCONNECTION
POD PSI	POUNDS PER SQUARE INCH
RD	ROOF DRAIN
RI&C	ROUGH-IN AND CONNECT
S	SINK, SEWER, SOIL
SD	STORM DRAIN
SOV	SHUT-OFF VALVE
SQ	SQUARE
SS	SERVICE SINK
55 T/A	TO ABOVE
T/B	TO BELOW
TP	TRAP PRIMER
TYP	
UG	UNDERGROUND
UON	UNI ESS OTHERWISE NOTED
UR	URINAL
UR V	SANITARY VENT
V VOLT	VOLTAGE
VTR	VENT THRU ROOF
W	WASTE
W/	WITH
WC	WITH WATER CLOSET
WCO	WATER CLOSET WALL CLEAN-OUT
WH	WALL CLEAN-OUT WATER HEATER
WHA REERENCE WII	WATER HAMMER ARRESTOR

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 2013 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 THE COLLEGE 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 COLLEGE 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 UNIVERSITY 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. ALL PLUMBING FIXTURE VENTS TO TERMINATE MINIMUM 12 INCHES FROM ANY VERTICAL SURFACE AND NOT LESS
- THAN 25 FEET FROM ANY AIR INTAKE OR VENT SHAFT. COMPLY WITH CPC SECTION 906. 18. ALL PIPING SHALL BE INSTALLED AS INDICATED ON THE DRAWINGS IN A NEAT WORKMANSHIP-LIKE MANNER AND BE
- S. 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 2013 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 2013 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.

- AND FLOOR SINKS.

- 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 INTERPLIPTION AND THE ACTUAL SHUT DOWN TIME SHALL BE AT A TIME DESIGNATED BY THE OWNER'S REPRESENTATIVE.

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 2013 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 2013 CPC SECTION 707.0 & 719.0 AND TO THE FOLLOWING LOCATIONS:

B. AT EACH BASE OF WASTE STACK.

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

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 2013 CPC SECTION 1211.8. SEE SEDIMENT TRAP INSTALLATION PER 2013 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.

4 SHEET P001 P002 P201 P202 P601 PD201

PD202

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# **GENERAL NOTES**

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 2013 CBC CHAPTER 11A AND/OR 11B. HEIGHTS AND LOCATION OF ALL FIXTURES SHALL BE ACCORDING TO CBC 2013 SECTION 1138A. FIXTURE CONTROLS SHALL COMPLY WITH CBC 2013 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

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

53. ALL EXISTING PIPING DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED WITH MATERIALS TO MATCH EXISTING BY

A. AT EACH BASE OF ROOF DRAIN DOWNSPOUTS.

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



DEMOLITION PLAN

GENERAL NOTES, LEGEND AND SHEET INDEX SCHEDULES RENOVATION PLAN **RENOVATION PLAN** DETAILS DEMOLITION PLAN



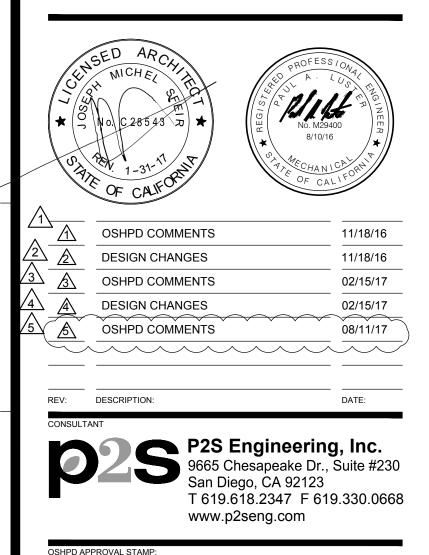
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# TCMC EMERGENCY DEPARTMENT

### TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056

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STRUCTURAL:	SUN STRUCTURAL ENGINEERING, INC. 2091 LAS PALMAS DRIVE, SUITE D CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188
ME&P:	P2S 9665 CHESAPEAKE DRIVE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347 FAX(619)330-0668



OSHPD #: S162093-37-00

GENERAL NOTES, LEGEND AND SHEET **INDEX** 

PROJECT TITLE TCMC EMERGENCY DEPARTMENT

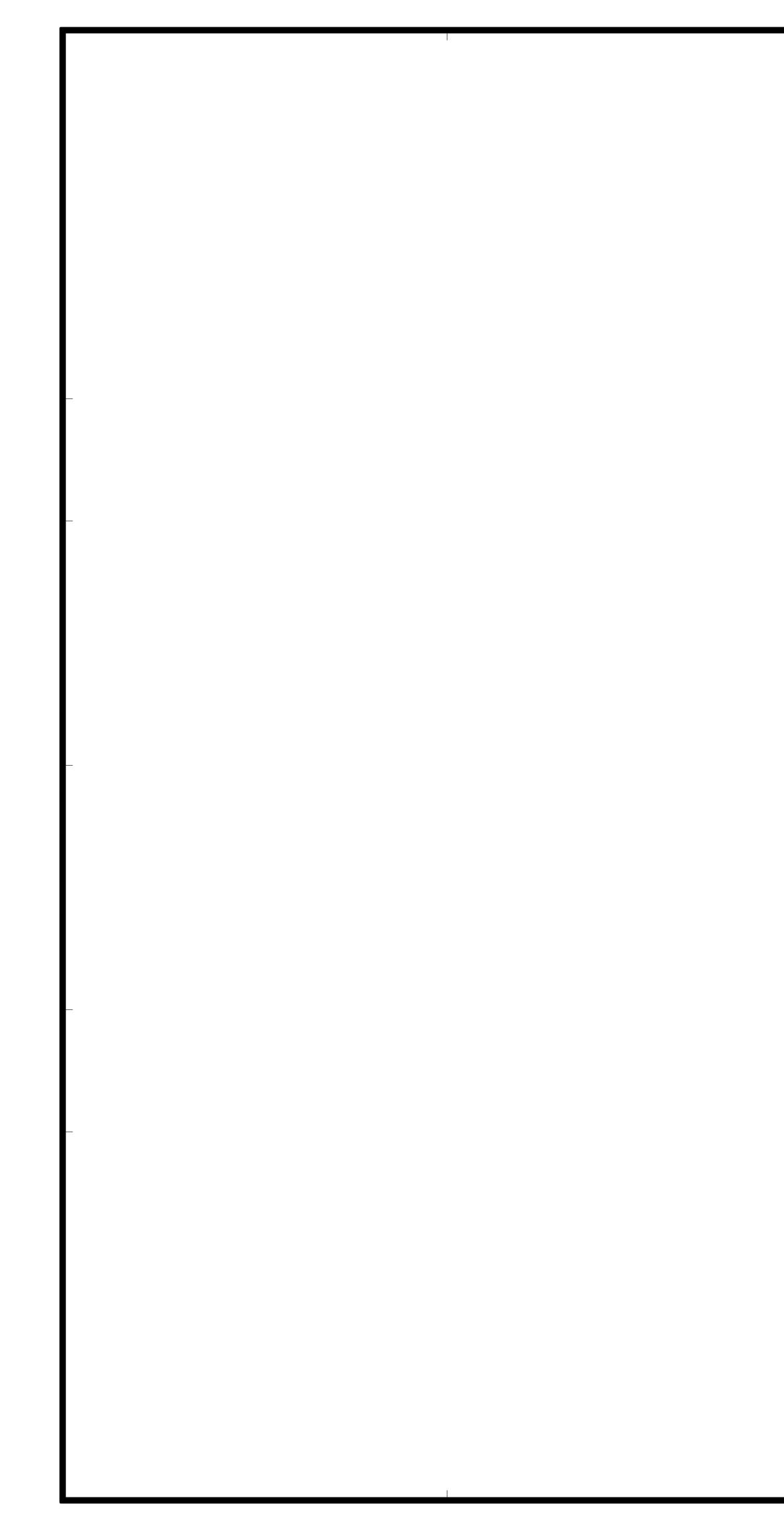
SHEET NUMBE

PROJECT #: 01593.00 DRAWN B CHECKED B

SCALE

As indicated

08/03/16



# WATER CALCULATION

PRESSURE AVAILABLE			
NUMBER OF BUILDING STORIES	2		
NOMINAL PRESSURE AT MAIN		85	PSI
PRESSURE LOSS THROUGH METER		5	PSI
BACKFLOW PREVENTER PRESSURE DROP		10	PSI
REGULATED PRESSURE SETTING		60	PSI
METER TO HIGHEST OUTLET:	20 x .43 PSI/FT.	8.6	PSI
PRESSURE REQUIRED AT HIGHEST FIXTURE		30	PSI
PRESSURE DROP AVAILABLE FOR DESIGN		21.4	PSI
MAXIMUM LENGTH OF WATER SYSTEM	550 FT. (500 x 1.20)		
ALLOWABLE MAXIMUM FRICTION LOSS PER 100 FE	ET OF PIPE:	3.9	PSI

## COLD WATER PIPE **SIZING CHART**

			FIXTURE UNITS			
SIZE	GPM	FLUSH TANK	FLUSH VALVE	VELOCITY (FPS)		
1/2"	2.1	2	0	2.9		
3/4"	5.5	6	0	3.8		
1"	12	16	0	4.5		
1 1/4"	20	30	2	5.2		
1 1/2"	35	66	20	5.9		
2"	66	205	95	7.2		
2 1/2"	125	506	396	8.0		

## HOT WATER PIPE **SIZING CHART**

			\ ■		
		FIXTUR	E UNITS	VELOCITY	
SIZE	GPM	FLUSH TANK	FLUSH VALVE	(FPS)	
1/2"	2" 2.1 2		0	2.9	
3/4"	5.5	6	0	3.8	
1"	12	16	0	4.5	
1 1/4"	19	28	0	5.0	
1 1/2"	27	46	0	5.0	
2"	46	111	0	5.0	

## FIXTURES

			ROUGH-IN SIZE					
	SYMBOL	FIXTURE	W	V	CW	нw		
-	EWC-1	ELECTRIC WATER COOLER	2"	1 1/2"	1/2"			
	L-1	LAVATORY	2"	1 1/2"	1/2"	1/2"		
	L-2	LAVATORY	2"	1 1/2"	1/2"	1/2"		
4	S-1	SINK	2"	1-1/2"	1/2"	1/2"		
	S-2 SINK		2"	1-1/2"	1/2"	1/2"		
	WC-1 WATER CLOSET		4"	2"	1"			
	4							

# MED GAS OUTLET SCHEDU

	EQUIPMENT			NU	MBER O	F
SYMBOL	CONNECTION TYPE	O2	MA	MV	SLIDE	
MG-1	WALL OUTLET	1		1	-	
			-7			

## MED GAS EQUIPMENT SCHE

SYMBOL	DESCRIPTI
ZVB-1	CHEMETRON 77-83-0223 MEDICAL GAS SHUT-OFF VALV VACUUM 1/2" MED AIR AND 1/2" OXYGEN. MOUNT TOP (
MGA-1	CHEMETRON IMPACT MEDICAL GAS AREA ALARM PANE MOUNT TOP OF PANEL AT 5'-0".

## MATERIALS

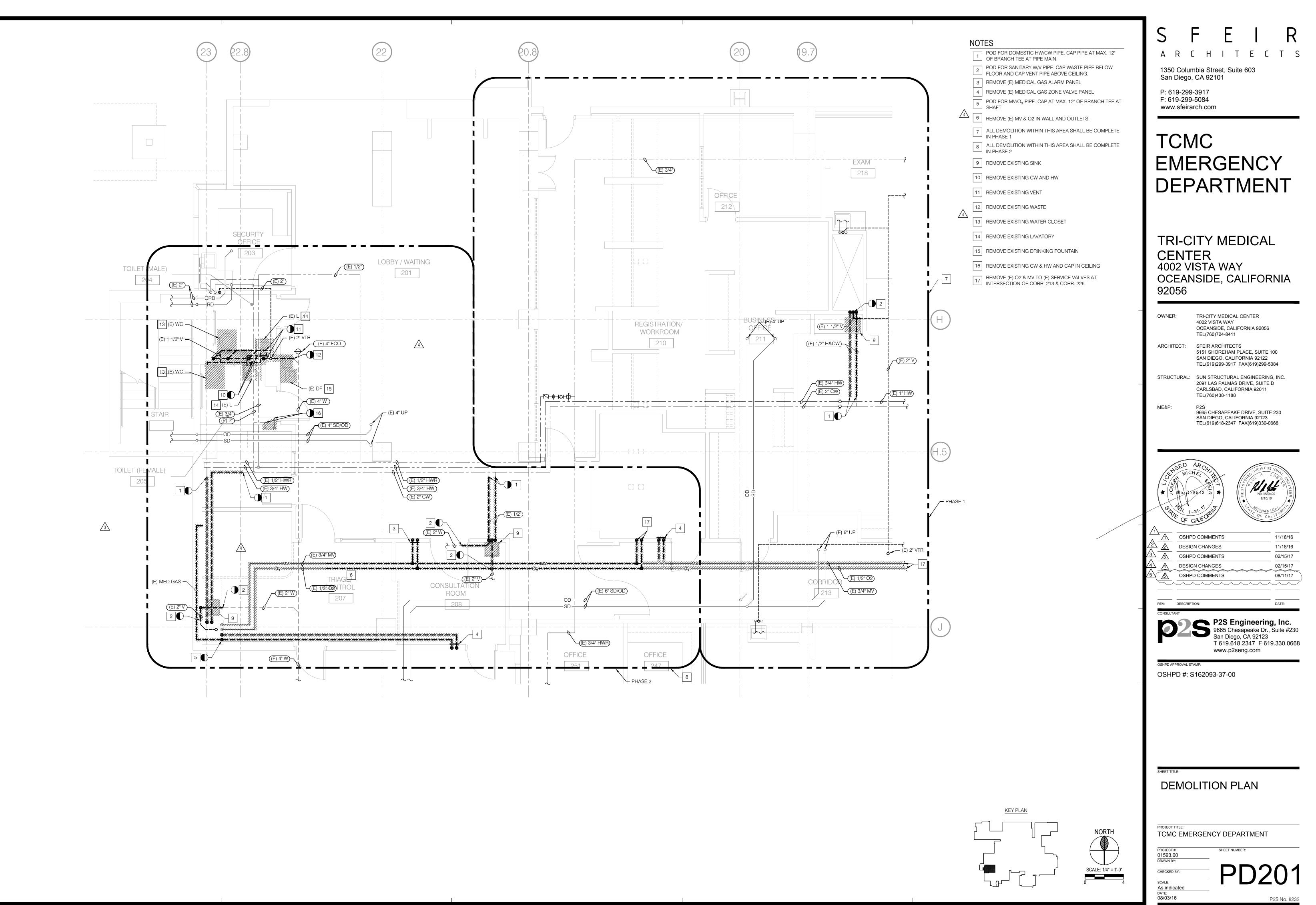
1.	SANITARY	SEWER, VENT AND STORM DRAIN ABOVE GRADE:
	PIPE:	SERVICE WEIGHT CAST IRON PER ASTM A-74, ASTM
	FITTINGS:	NO HUB CAST IRON PER ASTM A-888.
	JOINTS:	BAND TYPE STAINLESS STEEL COUPLINGS CONFO NEOPRENE SEALING SLEEVE CONFORMING TO AS
2.	WATER AE	BOVE GRADE:
	PIPE:	TYPE L HARD DRAWN COPPER, ASTM B88.
	FITTINGS:	WROUGHT COPPER, ANSI B16.22
3.		95%-5% TIN-ANTIMONY LEAD FREE SOLDER. GASSES AND VACUUM:
	PIPE:	TYPE L COPPER, NFPA 99.

FITTINGS: 95%-5% TIN-ANTIMONY LEAD FREE SOLDER. 4. CATHODIC PROTECTION:

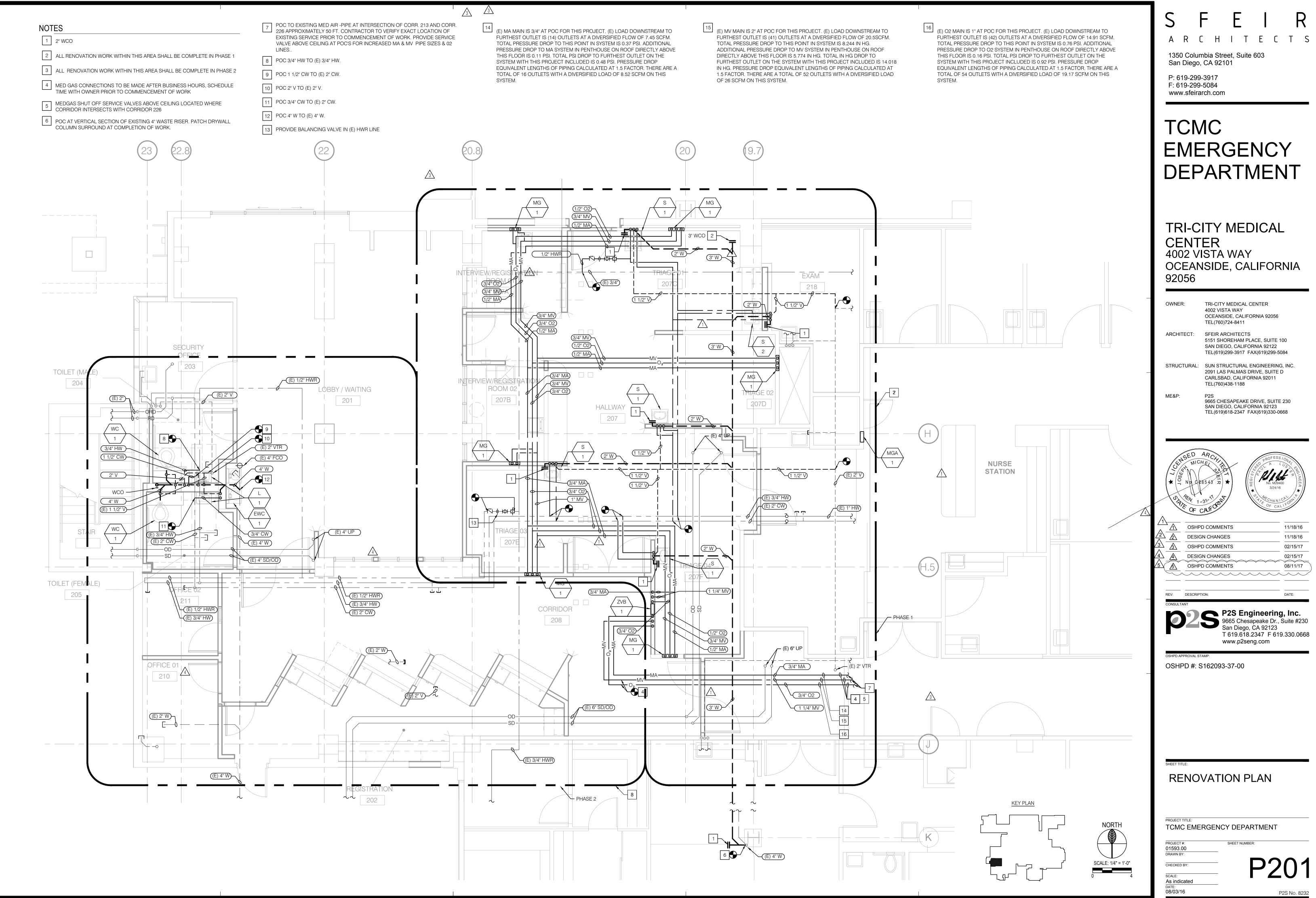
ALL UNDER SLAB METAL PIPING OF ANY KIND IS TO BE SLEE

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									S	F E		R
									A R		T E C	T S
W					DESCRIPTION				San Diego	mbia Street, S , CA 92101	Suite 603	
	MOUNTED	), STAIN	ILESS	STEEL BASI	IN, VANDAL RES	RATED WATTS: 370, FULL LOAD A ISTANT, R-134a REFRIGERATION JS CHINA, WALL HUNG, ADA CO	SYSTEM		P: 619-299 F: 619-299 www.sfeira	-5084		
/2"	SLOAN OF WIRED, 4" TRANSFO	PTIMA E CENTE RMER, .	ETF-600 RSET F AND L/	0 0.5 GPM N FAUCET. PF AVATORY S	ION AERATING L ROVIDE WITH LE. UPPORT. PROVI	AMINAR FLOW, SENSOR ACTIVA AD FREE THERMOSTATIC MIXING DE EMERGENCY POWER PER 20	TED, HARD & VALVE, 16 CPC 210.0.					
/2"	OPTIMA E	TF-600 ET FAU	0.5 GP CET. P	M NON AEF ROVIDE WIT	RATING LAMINA TH LEAD FREE T	JNDER-MOUNT, ADA COMPLIAN R FLOW, SENSOR ACTIVATED, H HERMOSTATIC MIXING VALVE AN ER 2016 CPC 210.0.	ARD WIRED, 4"				ENCY	/
/2"	OPTIMA E	TF-700	120V F	AUCET 1.1	GPM LAMINAR F	EOUS CHINA, SINGLE HOLE, WI LOW, UNDERCOUNTER MIXING OME PLATED 17GA. L.A. PATTER	VALVE, 1005					
/2"	JUST #SL SLOAN OF 1005 RIGIE	PTIMA E D SUPP	TF-700	) 120V FAU(	CET 1.1 GPM LAI	OMPARTMENT SELF RIMMING SI MINAR FLOW, UNDERCOUNTER CHROME PLATED 17GA. L.A. PA	MIXING VALVE,					
	ELONGAT SFSM REC	N STAN ED BOV GAL #1 <sup>-</sup>	NL, TO 11, 1.28	P SPUD, OL B GPM, HAF	SONITE #95SS	1, WALL MOUNTED, VITREOUS C CT OPEN FRONT SEAT, SLOAN O COMPLIANT. PROVIDE WITH TRAI	PTIMA PLUS					
	AND WAT	ER CLO	ISET SU	JPPORT.					TRI-C CENT		EDICAL	
DI	JLE									ÍSTA WA NSIDE, (	AY CALIFORN	IIA
ER C	F OUTLE		CO2	WAGD		DESCRIPTION / REMARKS			92056			
-	-	-	-	-	CHEMETRON 5	00		_	OWNER:		Y ALIFORNIA 92056	
Cł	IEDU	JLE	•						ARCHITECT:	SAN DIEGO, CA	ECTS AM PLACE, SUITE 100 ALIFORNIA 92122	
SCRI	PTION					REMARKS		_	STRUCTURAL:	SUN STRUCTU 2091 LAS PALM	917 FAX(619)299-5084 RAL ENGINEERING, I IAS DRIVE, SUITE D	
NT T	OP OF PAN	IEL AT 5	5'-0".	S PANEL F	OR 3/4" MEDICAL AIR				ME&P:	TEL(760)438-11 P2S		20
					<u>_1</u>					SAN DIEGO, CA	AKE DRIVE, SUITE 23 ALIFORNIA 92123 947 FAX(619)330-0668	
GRAD	DE:											
S CO	ASTM A-88, NFORMINC D ASTM C-5	G TO AS	STM C- <sup>-</sup>		G MINIMUM SHI	ELD THICKNESS OF 31 GAUGE V	VITH		CENSED V SON MIC	THE T	PROFESS / 0, PROFESS / 0, A A A A A A A A A A A A A	APL ENGINEER *
								_	STATE OF	-31-17 CALFORNIT	OF CALIF	ORIN
ER.										PD COMMENTS GN CHANGES		1/18/16 1/18/16
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									02	9665 0 San Di T 619.	Chesapeake Dr., Su iego, CA 92123 618.2347 F 619.3 52seng.com	iite #230
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1 CIRCUIT SETTER PLUS CALIBRATED BALANCE VALVES.
2 CHECK VALVE.
3 BALL VALVE.
4 UNION.

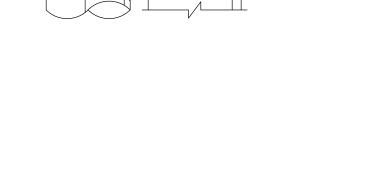


THREADED CLEANOUT PLUG -

CLEANOUT TEE -



# WALL CLEANOUT DETAIL



SECURING SCREW

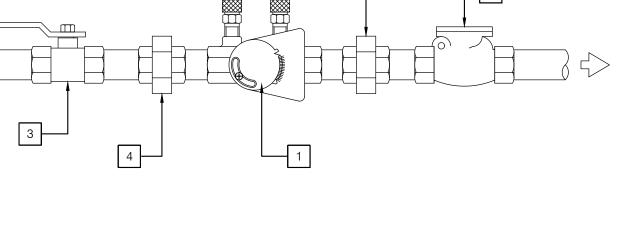
TAPER THREAD-BRONZE PLUG

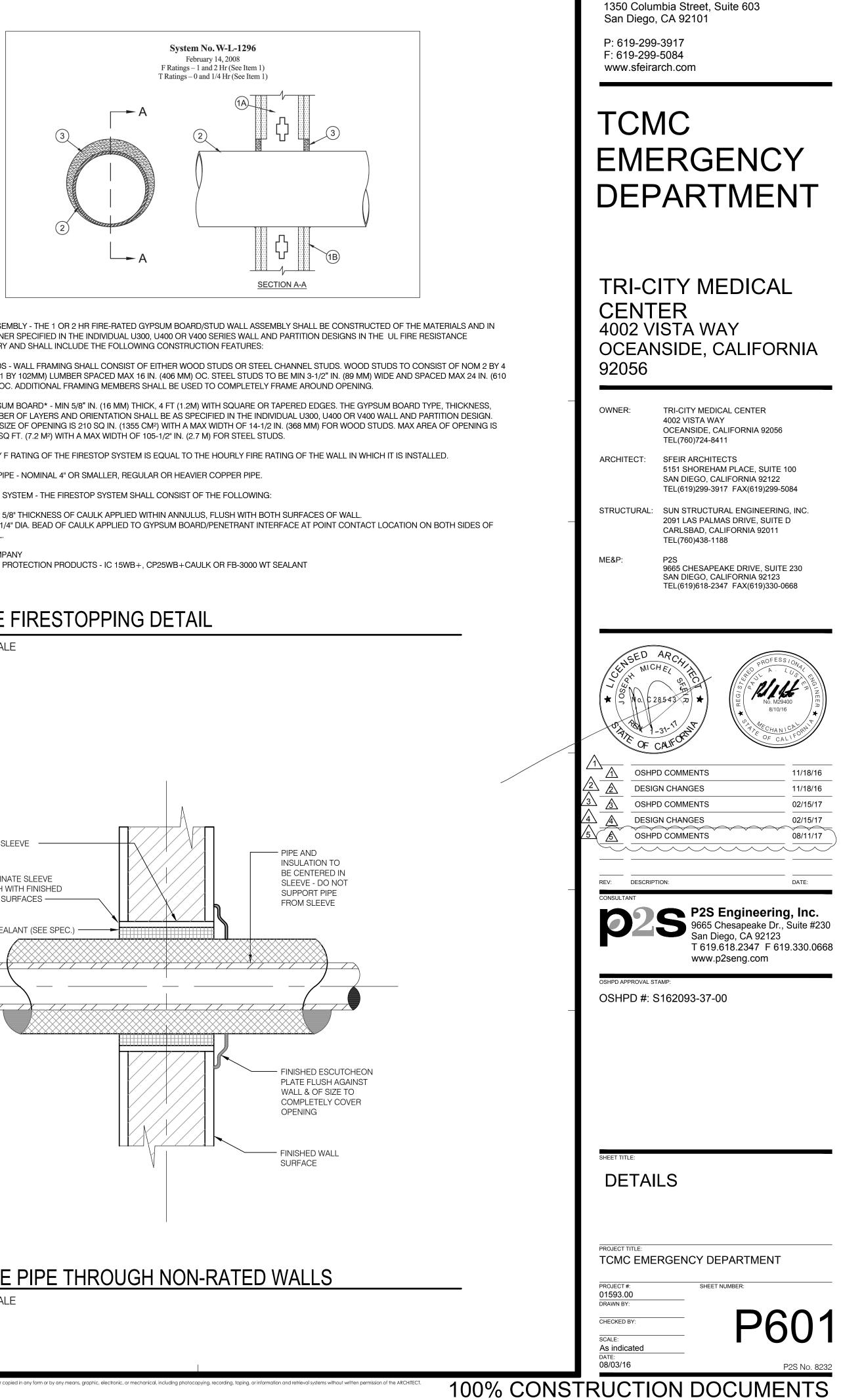
COVER PLATE WITH

— FINISHED WALL SURFACE

PIPE SLEEVE TERMINATE SLEEVE FLUSH WITH FINISHED WALL SURFACES — SEALANT (SEE SPEC.)

# BALANCING VALVE ASSEMBLY



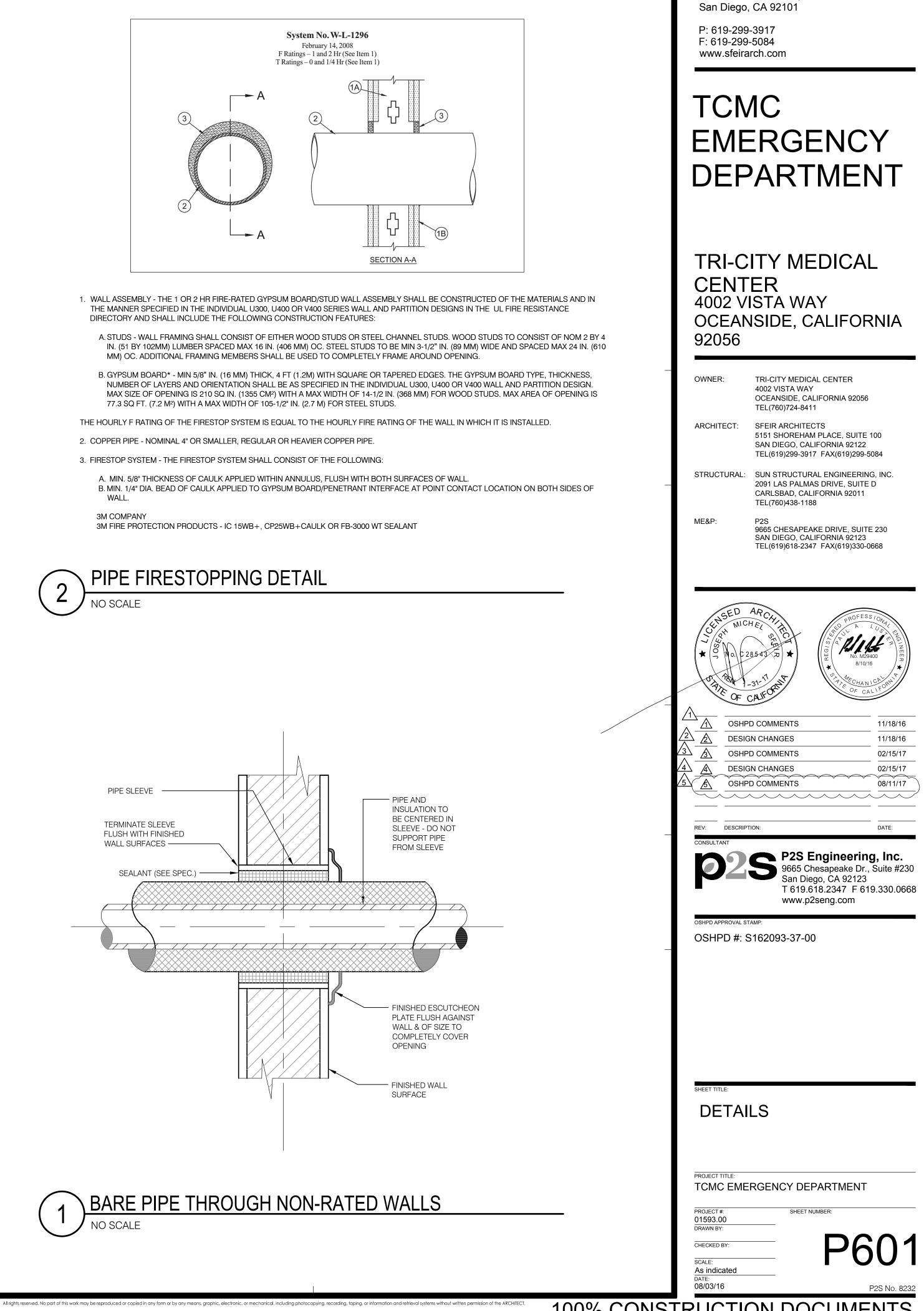


S

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ARCHITECTS

R



SYMBOL	DE
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$\sim$	
_	PROVIDE BACKBOX AND 1
_	
Y	VOICE/DATA OUTLET- FLU STUBBED 6" INTO ACCESS
Y	VOICE - FLUSH WALL MOU INTO ACCESSIBLE CEILINO
CR	SECURITY CARD READER. CONDUIT RISER INFORMA
⊧⇔	DUPLEX RECEPTACLE, WA (CONNECT TO EMERGENC
нФФ	FOURPLEX RECEPTACLE, OR SPLASH. (CONNECT TO
нШ	GROUND FAULT CIRCUIT I COUNTER OR SPLASH.
нШ	DUPLEX, GFCI - TYPE RECE COUNTER OR SPLASH. HC
нШП	GENERATOR) FOURPLEX, GFCI - TYPE RE
 -1 <b>111</b>	COUNTER OR SPLASH. FOURPLEX, GFCI - TYPE RE COUNTER OR SPLASH. HC
Ħ	DUPLEX, GFCI - TYPE REC AS NOTED. (CONNECT TO
CSFD	FIRE SMOKE DAMPER ON CONNECTION WITH S.P.S. ACCESSIBLE CEILING. CIR
	ADDRESSABLE CONTROL

WITCH MOTOR RATED

MOTION SENSOR - WALL MOUNTED

10TION SENSOR WITH DUAL SWITCHING

MOTION SENSOR - CEILING MOUNTED - INDICATES CIRCUIT CONTROLLED

OW VOLTAGE SWITCH

UPLEX - WALL +18" A.F.F.

QUAD - WALL + 18" A.F.F.

DUPLEX - WALL + 18" A.F.F. (CONNECT TO EMERGENCY GENERATOR)

JUNCTION BOX - WALL

PANELBOARD, 120/208V - RECESSED

PANELBOARD, 120/208V - SURFACE

PANELBOARD, 277/480V - SURFACE

## ABBREVIATIONS

BOX AND 1/2" CONDUIT TO CORRESPONDING HVAC UNIT.
TROL SYSTEM POWER PACK
JTLET- FLUSH WALL MOUNTED OUTLET BOX WITH 1"C.O. TO ACCESSIBLE CEILING SPACE.
WALL MOUNTED OUTLET BOX WITH 1"C.O. STUBBED 6" BLE CEILING SPACE.
D READER. REFER TO DOOR DETAILS ON SHEET E601 FOR R INFORMATION.
PTACLE, WALL MOUNTED @ +18" A.F.F. OR AS NOTED. EMERGENCY GENERATOR)
EPTACLE, WALL MOUNTED @ 6" ABOVE COUNTER ONNECT TO EMERGENCY GENERATOR)
T CIRCUIT INTERRUPTER - MOUNTED +6" ABOVE PLASH.
TYPE RECEPTACLE, WALL MOUNTED @ 6" ABOVE PLASH. HOSPITAL GRADE. (CONNECT TO EMERGENCY
CI - TYPE RECEPTACLE, WALL MOUNTED @ 6" ABOVE PLASH.
CI - TYPE RECEPTACLE, WALL MOUNTED @ 6" ABOVE PLASH. HOSPITAL GRADE. (CONNECT TO EMERGENCY
TYPE RECEPTACLE, WALL MOUNTED @ +18" A.F.F. OR NNECT TO EMERGENCY GENERATOR)
AMPER ON DUCT IN CEILING SPACE, PROVIDE 120V VITH S.P.S.T. SWITCH DISCONNECT MOUNTED IN EILING. CIRCUIT CONTROLLED BY FIRE ALARM CONTROL MODULE.

ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION
1/C	SINGLE CONDUCTOR	KVA	KILOVOLT-AMPERES
& @	AND AT	KW LF	KILOWATT LINEAR FEET
A OR AMP	AMPERES	LIS	LOAD INTERRUPTER SWITCH
ABV	ABOVE	LOC.	LOCATION
A.C.	ASPHALT CONCRETE	LTG	LIGHTING
AFF	ABOVE FINISHED FLOOR	LV	LOW VOLTAGE
AFG	ABOVE FINISH GRADE	MAX	MAXIMUM
AIC		MCC	MOTOR CONTROL CENTER
AL APPROX.	ALUMINUM APPROXIMATE	MCP MFGR	MOTOR CIRCUIT PROTECTOR MANUFACTURER
ARCH.	ARCHITECT; ARCHITECTURAL	MH	MANHOLE
ATC	AIR TERMINAL CHAMBER	MI.	MECHANICAL INTERLOCK
ATS	AUTOMATIC TRANSFER SWITCH	MRCT	MULTI-RATIO CURRENT TRANSFORMER
AUTO	AUTOMATIC	MTD	MOUNTED
AUX	AUXILIARY	MTG	MOUNTING
AWG	AMERICAN WIRE GAUGE	MV	MEDIUM VOLTAGE
BAT	BATTERY	N	
BEL BKBD	BELOW BACKBOARD	NAC NC	NOTIFICATION APPLIANCE CIRCUIT NORMALLY CLOSED
BKR	BREAKER	NEC	NATIONAL ELECTRICAL CODE
BLDG	BUILDING	NF	NON-FUSED
B.S.	BARE STRANDED	NIC	NOT IN CONTRACT
С	CONDUIT	NL	NIGHT LIGHT- 24HRS ON
СВ	CIRCUIT BREAKER	NO.	NUMBER
CC	CONSTANT CURRENT	OC	ON CENTER
CKT		OD	OUTSIDE DIAMETER
CL CLG	CENTER LINE CEILING	OE OFC	OVERHEAD ELECTRICAL OIL FUSED CUTOUT
CMU	CONCRETE MASONRY UNIT	ОН	OVERHEAD
C.O.	CONDUIT ONLY WITH PULL WIRE	OL	OIL LEVER SWITCH
COL	COLUMN	Ρ	POLE
CP	COMMUNICATION PROCESSOR	PB	PULL BOX
CPT	CONTROL POWER TRANSFORMER	PC	PHOTOCELL
CR	CONTROL RELAY	PCB	POLYCHLORINATED BIPHENYL
CSU	CALIFORNIA STATE UNIVERSITY	PDS	PRESSURE DIFFERENTIAL SWITCH
CSFD CT	COMBINATION SMOKE FIRE DAMPER CURRENT TRANSFORMER	PF PH OR Ø	POWER FACTOR PHASE
CW	COLD WATER	PILC	PAPER INSULATED, LEAD COVER
CU	COPPER	PIV	POST INDICATING VALVE
DIAG	DIAGRAM	PL	PLATE
DL	DAMP LOCATION LISTING	PNL	PANEL
DM	DIGITAL METER	POC	POINT OF CONNECTION
DP	DISTRIBUTION PANEL	PRI.	PRIMARY
DIST.	DISTANCE	PVC	POLY-VINYL CHLORIDE
DWG DWP	DRAWING DEPARTMENT OF WATER & POWER	PWR REC/RECEPT	POWER RECEPTACLE
EA	EACH	REQ'D	REQUIRED
ELEC.	ELECTRICAL	RGS	RIGID GALVANIZED STEEL
EMH	ELECTRICAL MANHOLE	RPBP	REDUCED PRESSURE BACK FLOW PREVENTER
EMT	ELECTRICAL METALLIC TUBING	RM	ROOM
EPO	EMERGENCY POWER OFF	SCE	SOUTHERN CALIFORNIA EDISON
EPR	ETHYLENE PROPYLENE RUBBER	SF	SQUARE FEET
	EQUIPMENT	SHT	SHEET
EXIST/(E) EXP	EXISTING EXPLOSION PROOF	SIG. SP	SIGNAL SPARE
FA	FIRE ALARM	SPECS	SPARE SPECIFICATIONS
FFE	FINISHED FLOOR ELEVATION	ST	STREET
FIN.	FINISH	STD	STANDARD
FIP.	FIELD INTERFACE PANEL	SW	SWITCH
FIXT	FIXTURE	SWBD	SWITCHBOARD
FLA	FULL LOAD AMPS	SWGR	SWITCHGEAR
FLR	FLOOR	SWST	
FLUOR	FLUORESCENT	TB TEL /TELE	TERMINAL BLOCK TELEPHONE
FT FACP	FEET FIRE ALARM CONTROL PANEL	TEL./TELE TMH	TELEPHONE TELEPHONE MANHOLE
FACE	FIRE ALARM TERMINAL CABINET	T.O.D.	TOP OF DUCTBANK
FO	FIBER OBTIC	т.о.м.	TOP OF MANHOLE
FTG	FOOTING	TPS	TWISTED SHIELDED PAIR
GFI	GROUND FAULT INTERRUPTER	TRANSF/XFMR	TRANSFORMER
GFR	GROUND FAULT RELAY	TS	TAMPER SWITCH
GG	GREEN GROUND	TYP	TYPICAL
GND		UG	
HOA		UON	UNLESS OTHERWISE NOTED
HP HT	HORSEPOWER	V VA	VOLTS VOLT-AMPERES
HI HTR	HEIGHT HEATER	VA VB	VOLI-AMPERES VIBRATION SWITCH
HZ	HERTZ	VB VFD	VARIABLE FREQUENCY DRIVE
IE	INVERT ELEVATION	W	WATTS
ISC	SHORT CIRCUIT CURRENT	W/	WITH
INCAND	INCADESCENT	W/O	WITHOUT
JB	JUNCTION BOX	WP	WEATHERPROOF
KCMIL	THOUSAND CIRCULAR MILS	Z	IMPEDANCE
KV	KILOVOLT	(ER)	EXISTING TO REMAIN EXISTING TO TO BE REMOVED, RELOCATED AND
		(ERR)	RECONNECTED

RECONNECTED 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.

## SHEET INDEX

SHEET	DESCRIPTION	
E001	GENERAL NOTES, LEGEND AND ABBEVIATIONS	
E002	SINGLE LINE DIAGRAMS	
E003	LUMINAIRE AND FIRE STOP DETAILS	
E004	PANEL SCHEDULES	
E100	PARTIAL FIRST FLOOR PLAN	
E200	DEMOLITION PLAN	
E201	RENOVATION LIGHTING PLAN	
E202	RENOVATION POWER PLAN	
E203	RENOVATION ROOF PLAN	
$\Delta_{E204}$	DEMOLITION AND RENOVATION PLANS - LOCKER ROOM	
E601	DETAILS	

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# **GENERAL NOTES**

1. APPLICABLE CODES: 2012 IBC AND 2013 CALIFORNIA AMENDMENTS (2013 CALIFORNIA BUILDING CODE - PART 2, TITLE 24, CCR) 2011 NEC AND 2013 CALIFORNIA AMENDMENTS (2013 CALIFORNIA ELECTRICAL CODE - PART 3, TITLE 24, CCR) 2013 UMC AND 2012 CALIFORNIA AMENDMENTS (2012 CALIFORNIA MECHANICAL CODE - PART 4, TITLE 24, CCR) 2013 UPC AND 2012 CALIFORNIA AMENDMENTS (2012 CALIFORNIA PLUMBING CODE - PART 5, TITLE 24, CCR)-(PUBLISHER:IAPMO) 2012 IFC AND 2013 CALIFORNIA AMENDMENTS (2013 CALIFORNIA FIRE CODE - PART 9, TITLE 24, CCR)

2. 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 WHERE IN 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.

3. WHEN INSTALLING DRILLED-IN ANCHORS/OR POWDER DRIVEN PINS 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 AND/OR PIN.

4. ALL ELECTRICAL SERVICES IN THE HOSPITAL ARE TO REMAIN OPERATIONAL DURING THE ENTIRE CONTRACT PERIOD. ANY INTERRUPTION OF ELECTRICAL POWER FOR THE PERFORMANCE OF THIS WORK SHALL BE ONLY AT SUCH TIME AND SUCH DURATION AS APPROVED IN WRITING BY THE OWNER.

5. 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.

6. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF CEILING MOUNTED FIXTURES, SMOKE DETECTORS, SPEAKERS & OUTLETS.

7. 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.

8. CONTRACTOR SHALL COMPLY WITH ALL GROUNDING AND BONDING REQUIREMENTS OF C.E.C. 517-13,15 & 78.

9. ADJUST CEILING MOUNT SMOKE DETECTOR LOCATIONS IF REQUIRED TO PROVIDE 3 FOOT MINIMUM DISTANCE FROM SUPPLY AIR DIFFUSERS. CEILING MOUNT SMOKE DETECTORS AT FIRE DOORS, SHALL BE LOCATED 5 FOOT MAXIMUM FROM FIRE DOOR.

10. PROVIDE LOWRY SOUND DEADENING CLAY PADS ON BACK & SIDES OF ALL OUTLETS & BACKBOXES IN COMMON WALLS OF PATIENT ROOMS.

11. 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. DISCONNECT SWITCHES ON ROOF SHALL BE 30" MINIMUM ABOVE ROOF. PROVIDE ANGLE IRON SUPPORT BRACKETS.

12. THIS PROJECT WILL BE CONSTRUCTED IN MULTIPLE PHASES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THEIR WORK WITH THE ARCHITECTURAL PLANS AND ALL OTHER TRADES AND INSTALL IN SUCH A WAY THAT IT DOES NOT AFFECT THE ADJOINING OCCUPIED SPACES AND MEETS ALL OF THE REQUIREMENTS OF CONTRACT DOCUMENTS AND SPECIFICATIONS.

12. ALL ELECTRICAL DEVICE LOCATIONS AND CONDUIT ROUTING INDICATED ON DRAWINGS ARE DIAGRAMMATICALLY SHOWN.

# **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.

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.

REMOVE ALL ABANDONED SIGNAL SYSTEM CABLES IN CEILING SPACE.

THE WORD "ELECTRICAL" USED IN THE CONTEXT OF THESE DEMOLITION PLANS INCLUDES LIGHTING, ELECTRICAL DEVICES & EQUIPMENT, AND ALL SIGNAL SYSTEMS.

REFER TO LIGHTING, POWER & SIGNAL PLANS FOR ADDITIONAL EXISTING ELECTRICAL TO REMAIN.

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.

WHERE EXISTING OUTLETS ARE REMOVED AND THE EXISTING CIRCUIT IS NOT SERVING REMAINING OUTLETS. REMOVE EXISTING WIRE AND CONDUIT BACK TO THE SERVING PANELBOARD AND UPDATE THE PANELBOARD CIRCUIT DIRECTORY INDICATING "SPARE" FOR ALL UNUSED CIRCUIT BREAKERS.



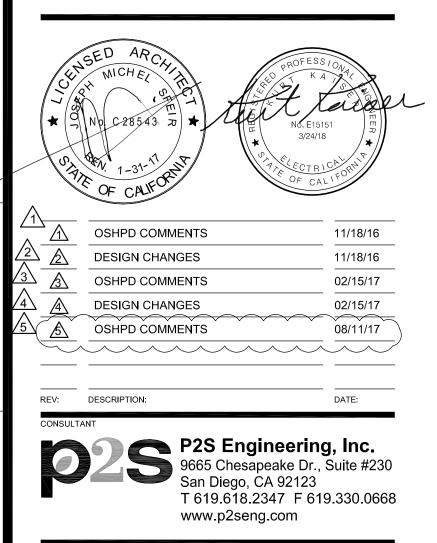
1350 Columbia Street, Suite 603 San Diego, CA 92101

P: 619-299-3917 F: 619-299-5084 www.sfeirarch.com

# TCMC EMERGENCY DEPARTMENT

### **TRI-CITY MEDICAL** CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056

OWNER:	TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056 TEL(760)724-8411
ARCHITECT:	SFEIR ARCHITECTS 5151 SHOREHAM PLACE, SUITE 100 SAN DIEGO, CALIFORNIA 92122 TEL(619)299-3917 FAX(619)299-5084
STRUCTURAL:	SUN STRUCTURAL ENGINEERING, INC. 2091 LAS PALMAS DRIVE, SUITE D CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188
ME&P:	P2S 9665 CHESAPEAKE DRIVE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347 FAX(619)330-0668



OSHPD APPROVAL STAMP:

OSHPD #: S162093-37-00



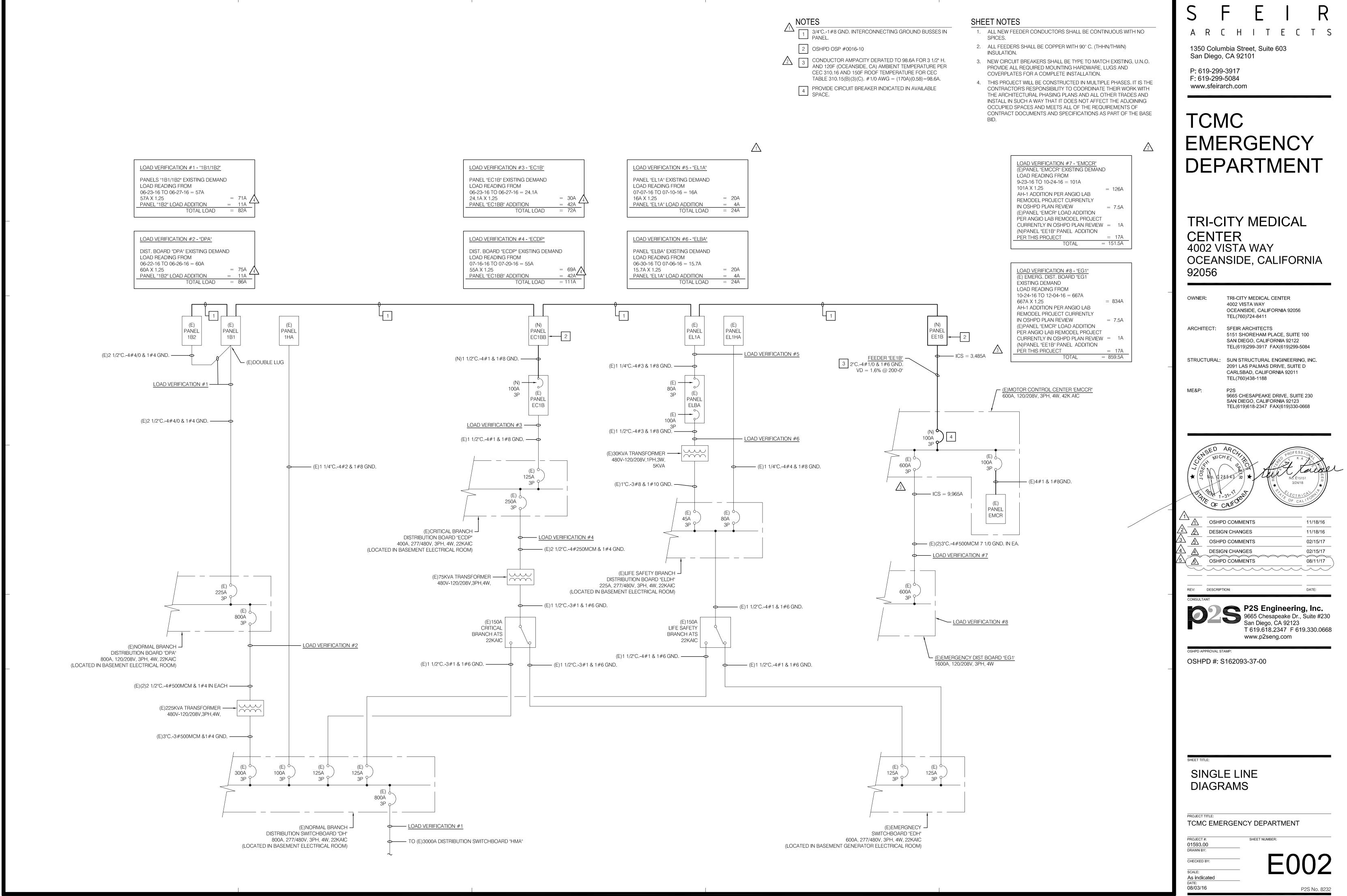
PROJECT TITLE: TCMC EMERGENCY DEPARTMENT

SHEET NUMBER

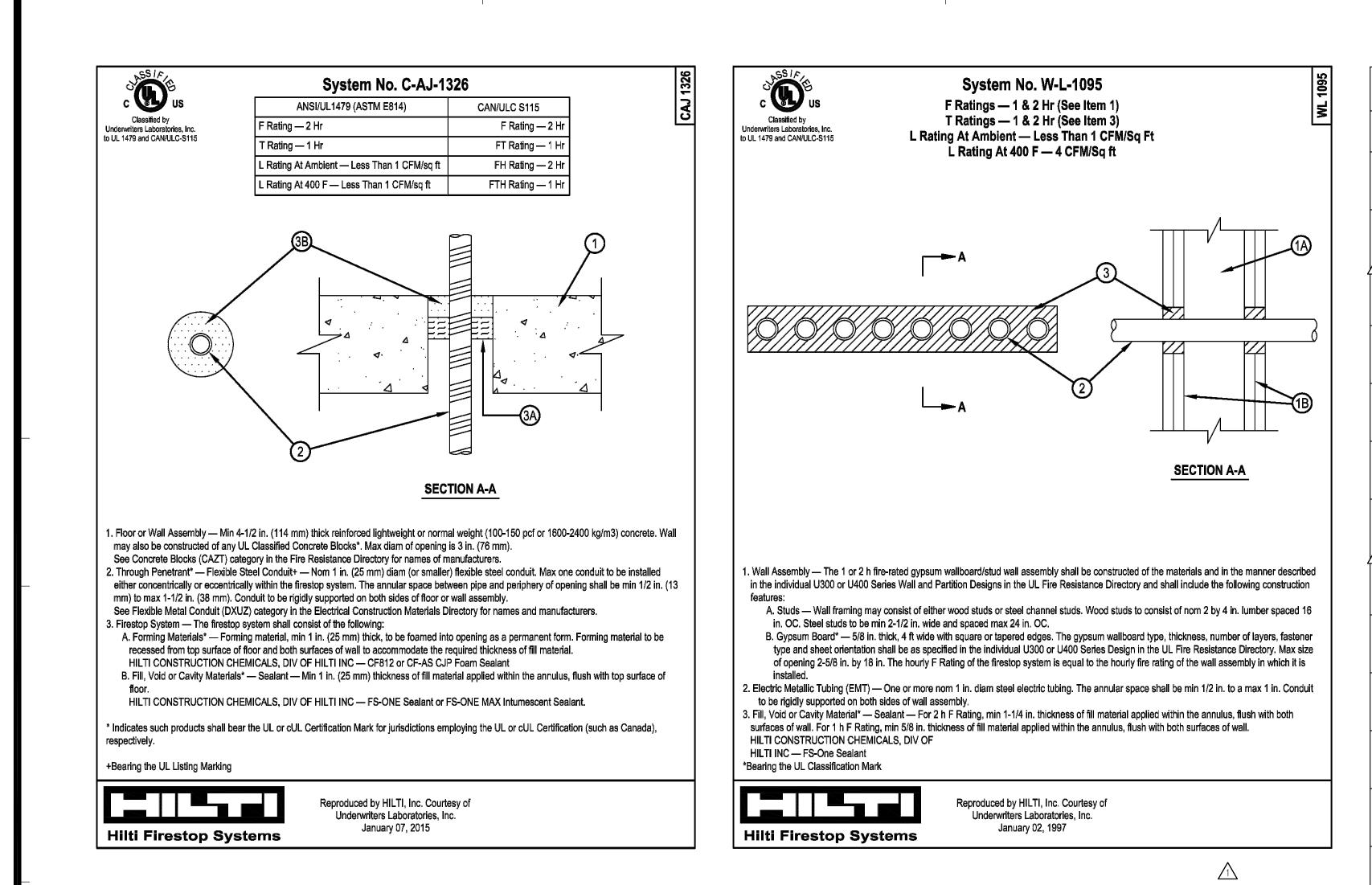
PROJECT #: 01593.00 DRAWN BY CHECKED BY

> As indicated 08/03/16





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TYPE	DESCRIPTION	TOTAL V-A		LAMPS		VOLTAGE	MTG.	REMARKS
A1 28	RECESSED T-BAR MOUNTED DIMMABLE 2' X 2' 4000K LED WITH OPAL ACRYLIC CENTER LENS. LUTRON H-SERIES 0-10V 1% DIMMING DRIVER. FOCAL POINT #FEQ2-22-AC-2500L-40K-1C-UNV-LH1-G-WH	28	NO. -	V-A 28	LED	UNV	R	NOTES 1, 2, 3
A2 28	RECESSED T-BAR MOUNTED DIMMABLE 2' X 2' 4000K LED WITH OPAL ACRYLIC CENTER LENS. STANDARD 0-10V DIMMING DRIVER. FOCAL POINT #FEQ2-22-AC-2500L-40K-1C-UNV-LD1-G-WH	28	_	28	LED	UNV	R	NOTES 1, 2
A3 41	RECESSED T-BAR MOUNTED 2' X 4' 4000K LED WITH OPAL ACRYLIC CENTER LENS. STANDARD 0-10V DRIVER. FOCAL POINT #FEQ2-24-AC-4000L-40K-1C-UNV-LD1-G-WH	41	-	41	LED	UNV	R	NOTES 1, 2
B1 77	4" WIDE X 6'-0" LONG 1000 LUMEN PER FOOT OUTPUT LED WITH LUTRON 3-WIRE 1% DIMMING DRIVER, WHITE TRIM AND 15/16 LAY IN T-GRID HANGERS. FOCAL POINT #FSM4L-FL-1000LF-40K-1C-120-LH1-G1-WH-6	77	-	77	LED	120	R	NOTES 1, 2, 3
B2 102	4" WIDE X 8'-0" LONG 1000 LUMEN PER FOOT OUTPUT LED WITH LUTRON 3-WIRE 1% DIMMING DRIVER, WHITE TRIM AND 15/16 LAY IN T-GRID HANGERS. FOCAL POINT #FSM4L-FL-1000LF-40K-1C-120-LH1-G1-WH-8	102	-	102	LED	120	R	NOTES 1, 2, 3
C1 24	6" DIAMETER 2000 LUMEN 55 DEGREE RECESSED GRID MOUNTED LED DOWNLIGHT WITH WIDE BEAM SPREAD AND MICRO PRISM SOLITE LENS. #RDFO6LEDXT-13L-XW-E-1-CB24-RD6F-SG-SOX	24	-	24	LED	120	R	NOTES 1, 2
C2 24	6" DIAMETER 2000 LUMEN 55 DEGREE GYPSUM CEILING MOUNTED LED DOWNLIGHT WITH WIDE BEAM SPREAD AND MICRO PRISM SOLITE LENS. #RDFO6LEDXT-13L-XW-E-1-H12-RD6F-SG-SOX	24	-	24	LED	120	R	NOTES 1, 2
C3 24	6" DIAMETER 2000 LUMEN RECESSED LED DOORLIGHT. GYPSUM CEILING MOUNTED WITH WIDE BEAM SPREAD. WET LOCATION LISTED. PROVIDE SEMI-DIFFUSE FROSTBED GLASS LENS. SPECTRUM LIGHTING. #RDFO6LEDXT-20L-XW-E-1-H12-RD6FSG-FGW	24	-	24	LED	120	R	NOTES 1, 2
D1 187	4" WIDE X 28'-0" x 16'-0" 1000 LUMEN PER FOOT OUTPUT "L" SHAPED LED WITH LUTRON 3-WIRE 1% DIMMING DRIVER, WHITE TRIM AND 15/16 LAY IN T-GRID HANGERS. FOCAL POINT #FSM4L-FL-1000LF-40K-1C-120-LH1-G1-WH-28' x 16'	187	-	187	LED	120	R	NOTES 1, 2, 4
D2 140	4" WIDE X 22'-4" x 10'-4" 1000 LUMEN PER FOOT OUTPUT "L" SHAPED LED WITH LUTRON 3-WIRE 1% DIMMING DRIVER, WHITE TRIM AND 15/16 LAY IN T-GRID HANGERS. FOCAL POINT #FSM4L-FL-1000LF-40K-1C-120-LH1-G1-WH-22'-4" x 10'-4"	140	-	140	LED	120	R	NOTES 1, 2, 4
E1 2	LED EDGE LIT CEILING MOUNTED EXIT SIGN LETTER COLOR TO MATCH BUILDING STANDARD. PROVIDE DIRECTIONS ARROWS AS INDICATED ON PLANS. SURE-LITES #EUX6	2	-	2	LED	120	UNV	NOTES 1, 2
F1 60	FLEXIBLE LED STRIP LIGHT WITH 32 COOL WHITE LEDS PER FOOT, 3M ADHESIVE TAPE BACKING AND 60 WATT POWER SUPPLY. ASPECT LED LED TAPE #AL-SL-NN-U-CW-24 ASPECT LED POWER SUPPLY #AL-PS-W-D-60-24V	60	_	60	LED	120	S	NOTES 1, 2, 5
G1 26	RECESSED T-BAR MOUNTED DIMMABLE 1' X 4' 4000K LED WITH OPAL ACRYLIC CENTER LENS. STANDARD 0-10V DIMMING DRIVER. FOCAL POINT #FEQ2-14-AC-2500L-40K-1C-UNV-LD1-G-WH	26	_	26	LED	UNV	R	NOTES 1, 2

GENERAL NOTES:

ALL LED LUMINAIRES SHALL BE PROVIDED WITH 3500K COLOR TEMPERATURE LAMPS (UNLESS <sup>1.</sup> OTHERWISE NOTED) AND ELECTRONIC DRIVER AS SPECIFIED.

KEY NOTES:

SYSTEM.

PROVIDE COMPLETE WITH ALL MOUNTING HARDWARE REQUIRED FOR A COMPLETE INSTALLATION.

2. REFER TO ARCHITECTURAL PLANS FOR CEILING TYPE.

3. PROVIDE LUTRON H-SERIES 1% DIMMING DRIVER.

4. VERIFY EXACT LENGTHS WITH ARCHITECTURAL REFLECTED CEILING PLAN.

5. PROVIDE ALL COMPONENTS FOR A COMPLETE AND OPERABLE COVE LIGHT

ABBREVIATIONS:

P = PENDANTR = RECESSEDS = SURFACEW = WALLPO = POLE

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### S F R Ε ARCHITECTS

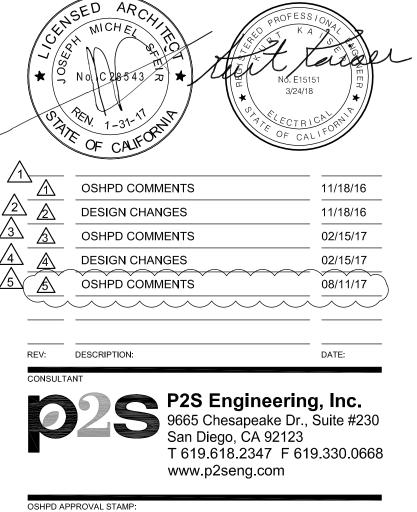
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# TCMC EMERGENCY DEPARTMENT

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OSHPD #: S162093-37-00

LUMINAIRE AND FIRE STOP DETAILS

PROJECT TITLE: TCMC EMERGENCY DEPARTMENT

SHEET NUMBER

PROJECT #: 01593.00 DRAWN BY CHECKED BY

> SCALE: As indicated 08/03/16

Location : Floor : Mounting :	1ST		OR			VOLTAGE/ PHASE : 208Y/ 120V, 3Ø,4W         FED FROM :           BUS AMPS : 100A         RATING:           MAIN BREAKER : 80A         RATING:													
	SEE * OUTLETS				V		PS		BKR		BKR/		VOLT-AMPS		OUTLETS		SEE		
LOADS	NOTE		TG	REC	<u>visc</u>	A	B	C	1	1 1	5			AB	C Ľ	LTG REC MISC NO	NOTE	LOADS	
)REC-POLICE #248									1	20/1	\$	· · · · · · · · · · · · · · · · · · ·							(E)REC-TELEBKE
RECRADIO #252									3		Z	20/1							(E)RECINTERCOM SYSTE
RECRADIO #252									5	····§······	\$								E)RECSIGNAL ROC
F.A. FLOW SWITCH									7	20/1	1	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~							E)FIRE ALARM CONTROL PAN
ARE									9	····?	_*-	· • · · · · · · · · · · · · · · · · · ·	1						EMED GAS ALARM PANE
PARE (IN CEILING)									11	····	3						ļ		EMED GAS ALARM PANE
RECPROCESSOR XRAY									: •	20/1	1	20/1	1						(E)XRAY SHUNT TR
REC-PROC CONTROL RM									1	20/1	1						ļ		
DIGITAL MONITORS									17	····?	3	20/1							(E)LO/
)LOAD									:-1	20/1	<b>*</b>		20				Į		SPAC
D. CORR. EGRESS AUTODOOR	1						900		21		_*_		22				ļ		SPA
GE, D. EGRESS & EXIT SIGNS	1		17					374			*		24				ļ		SPA
D. MED GAS ALARM PNL	1				1	200			25	20/1	*		26				Į		SPA
									27		_*_		28						SPA
AŒ		ļ	mmm			*****			29		*		30						SPA
									31		*		32						
	L								33		_*_		34						
		Į							35		*	ļ	36						
		<u>.</u>							37		*	£	38						
									39		-*-		40						
									41		*		42						
TOTAL ØA = TOTAL ØB = TOTAL ØC =	900	Val Val	T-AV	1PS		7.5	' AMPS AMPS ' AMPS						NOT	ES LONG CONTINU RCUIT BREAKER I			BLE	: SPACE	E.

(N) PANEL:		E1B	EQU	JI PMEN	IT BRA															
LOCATION :		AGE 01				VC		GE/ PH/			FED FROM : MOTOR ONTL CTR EMOOR									
FLOOR :								BUS AN			F	ATING:	10KAIC							
MOUNTING :	RECESS	Ð		MAIN BREAKER : 100A											$\sqrt{3}$					
	SEE				OLT-AM			BKR/		BKR/			OLT-AM		OUTLETS	* SEE				
LOADS	NOTE	LTG REC	MSC		B	C		POLE			1	A	B	C	LTG REC MSC	NOTE	LOADS			
EF-1 (1 1/2HP) (E.D. ROOF)			1	684			1	15/3	*	20/1	2	828	ļ		1		E.D. WAIT ROLLDOWN DOOP			
					684		3		_*_	20/1	4	***	828		1		E.D. WAIT ROLLDOWN DOOP			
					*	684	5	_	*	20/1	6			828	1		E.D. WAIT ROLLDOWN DOOP			
W.P. GFCI ROOF REC (E.D. ROOF)		1		180			7	20/1	*	20/1	8	828	Į		1		E.D. WAIT ROLLDOWN DOOP			
SPARE				****			9	20/1	_*_	20/1	10		300		6		E.D. HALLWAY VAV BOXES			
SPARE							11	20/1	*	20/1	12			300	6		E.D. CSFD'S			
SPARE							13	20/1	*	20/1	14						SPARE			
SPARE							15	20/1	_*_	20/1	1						SPARE			
SPARE						******	17	201	*	20/1	3	****			1		SPARE			
SPACE	5			•••••••••••••••••••••••••••••			19		*		20	• · · · · · · · · · · · · · · · · · · ·					SPACE			
SPACE							21		_*_		22		**************************************		1		SPACE			
SPACE						ممشمشمشمشمشم	23		*		24	*****					SPACE			
SPACE					****		25		*		26		****				SPACE			
SPACE							27		_*_		28						SPACE			
SPACE							29		*		30	••••••					SPACE			
SPACE							31		*		32		****				SPACE			
SPACE							33		_*_		32 34						SPACE			
SPACE							35		*		34 36						SPACE			
					****		1		*		30		*****							
SPACE						***	37										SPACE			
SPACE							39		_*_		40						SPACE			
SPACE		I			<u>.</u>		41		*		42		Į	1	I		SPACE			
TOTAL ØA = TOTAL ØB = TOTAL ØC =	1,812	VOLT-AMPS		15.1	AMPS AMPS AMPS				*	NOTE "L" DI		ESLON	GCONT	INUOUS	S LOAD					
TOTAL PANEL =	6,144	VA @ 208V,	3Ø =	- 17	AMPS															

 $\sum_{2}$ 

Location : Floor : Mounting :	1ST		<b>I</b>				E	BUS A	VIPS :	208Y/ 225A LUG C		3Ø,4W					ROM : Ating:	DIST. PANEL DPA 10KAIC
	SEE *		ILETS					BKR/		BKR/			OLT-AMP		OUTLETS		SEE	
LOADS	NOTE	LTG F	RECMS	q A	B	С				POLE		A	B	CI	LTG REC	<u>vsd</u>	NOTE	LOADS
PARE							1	20/3		20/1	2							E)RECEXTERIOR VEND MACH
							3	-	_*_		4							ERECEXTERIOR VEND MACH
							5	-	*	20/1	6							(E)EXTERIOR EDF
E)REC-PORTABLE XRAY							7	20/1		20/1	8							E)EXTERIOR NORTH ENTRANCE
E)REC-PORTABLE XRAY		+					9	20/1		20/1								(E)ALM VEWER
E)REC-PORTABLE XRAY							1			20/1								(E)LTG-EXTERIORE WAITING
E)RECUCWASHER RM # 234					8		-1	20/1			3							(E)LTG-CORRIDOR
E)REC-OP SCOPES RM #246								20/1			6							(E)LTG-OFFICE #211
E)WARMING CAB RM E239							17		*	20/1	18							(E)REC-WARM CAB RM #227
E)REC-CHAIR RM # 238							19		*	20/1	20							SPARE
E)REC-CHAIR EXAM #214							21		_*_	20/1	22							SPARE
E)REC-OP SCOPES RM #235						0.0000000000000000000000000000000000000	23	20/1	*	20/1	24							(E)REC-SILVER RECOVERY
SPARE							25	20/1	*	20/1	26							(E)LTG-SKYLIGHT UPLIGHTS
E)WAIT RM # 205 EDF							27	20/1	_*_	20/1	28		540		3		1	REC-TRIAGE 01.02
EJLOAD							29	20/1	*	20/1	30			540	3		1	REC-EXAM 01, 02, 03
ELOAD							31	20/1	*	20/1	32	540			3		1	RECEXAM 04, CORRIDOR
ELOAD							33	20/1	_*_	20/1	34		720		4		1	REC-CORR, REGIST, OFF 01,02
E)ED DONOR BOARD							35	20/1	*	20/1	36			1,080	4		1	CORR, REGIS, OFF 01, 02, RR 204, 05
SPACE							37		*		38	600					1	EWC-1
SPACE							39		_*_		40							SPACE
SPACE							41		*		42							SPACE
TOTAL ØA = TOTAL ØB = TOTAL ØC =	1,260 V	olt-Am	PS .	10.5	AMPS AMPS AMPS						NOTE			INUOUS I FR INDICA	Load Ated in av	AILABI	.E SPACE	E
TOTAL PANEL =	4,020 V/	A @ 20	8V, 3Ø :	<u></u> = 11	AMPS													

(E)PANEL:			CRITICA	BRAN	ICH													
LOCATION :		RIDOR				VOL					120V,	3Ø,4W						IST BOARD ECOP
FLOOR :										225A						R/	ATING: 10	OKAIC
MOUNTING	RECESSE	D				м	AIN E	BREA	KER :	LUG	ONLY							
	SEE *			VOLT-/				BKR/		BKR/		VOLT-	AMPS		лет		SEE	
LOADS	NOTE	LTG REC		B		C			3	POLE	3 3	A E	3 <u>C</u>	LTG	REC	<u>MSC</u>	NOTE	LOADS
PANEL EC1BB (SUBFEED)	1,2		4,88					100/3	§	20/1	2							(E)REC-SUTURE #246-N
	1,2			4.8			3	-	_*_	20/1	7							(E)REC-SUTURE #246-S
	1,2				3	,388	5	-	*	20/1	3							ERECMEDIA PREP #214
EREGEXAM ROOM #221						***	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	20/1	*	20/1	3							(ERECENT EXAM #238
E)REGEXAM ROOM #222							9	20/1	_*_	20/1	10							(E)REC-GYN EXAM #235
ERECEXAM ROOM #214						*****	11	20/1	*	20/1	12							(E)REC-GYN EXAM #238
(E)REG-CAST ROOM #225N							13	20/1	*	20/1	14							(E)REC-SUTURE #216-N
EREC-CAST ROOM #225S							15	20/1	_*_	20/1	16							(EREC-SUTURE #216-S
EREG-PHARMACY #207							17	20/1	*	20/1	18							(E)RECINURSE STATION #224
ELTG-EXAM #218-#221							19	20/1	*	20/1	20							(EREC-TRIAGE, AUTODOOP
E)LTG-EXAM #214, #222, #225							21	20/1	_*_	20/1	22							(E)CLOCKS 247-48, 251-52
SPARE							23	20/1	*	20/1	24							(EPNEUMATIC TUBE STATION
ELTG-EXAM # 238, # 235							25	20/1	*	20/1	26							ELTG-OFFICE #211
ELTG-EXAM #246							27	20/1	_*_	20/1	28							(E)REC-OFFI (CE # 211
ELTG-EXAM #246							29	20/1	*	20/1	30							(E)LTG-214-25-35-36-41
E)LTG-EXAM #216							31	20/1	*	20/1	32							(E)LTG-247-48-52, 203-07
ELTG-EXAM #216							33	20/1	_*_	20/1	34							(ELTG-216, 218-222
E)AUTODOOR PULMONARY							35	20/1	*	20/1	36							(E)REC BEHIND PROCESSOP
SPARE							1	20/1	*	20/2	3							(E)PROCESSOP
SPARE							1	20/1	_*_	-	40							
ERECADMITTING								20/1	*	20/1	42							(ELTG-XRAY #2
TOTAL ØA= TOTAL ØB= TOTAL ØC=	= 4,893 V	OLT-AMPS	40.	67 AMF 78 AMF 23 AMF	s				, 1.	NOTE "L" DI EXIST WITH	S: ENOTE ING 2 ara	ES LONG CC 0 AMP 1 POI JIT BREAKE 0 AMP 1POL	LE ARUA <sup>*</sup> R INDICAT	T BREA TED.	KERT			AND REPLACED

LOCATION : I		GE H4	ALLWA	Y 207			VC		GE/PH		-	120V,	3Ø,4W					ANEL EC1B
FLOOR : MOUNTING : I		П					N		BUS AN BREA							H/	ATING: 10	UKAIC
	SEE *		<del>ΥΠΕ</del>		V	OLT-AME	-	4	BKR/		BKR/			OLT-AMP		OUTLETS *	SEE	
LOADS	NOTE	LTC	G REC	MISC	A	B	C		POLE				A	B	С	LTG REC MISC	NOTE	LOADS
REC-REGISTRATION 202			4		720			1_			20/1		500			1		REC-HALLWAY 207 PYX
REC-REGISTRATION 202			4			720		3			20/1			360		2		RECHALLWAY 207 COUNTE
REC-REGIST 202 - SCAN/ FAX			1				500		20/1						180	1		RECHALLWAY 207 COUNTE
REC-EXAM 03,04			3		540			7	20/1				360			2		REC-TRIAGE 01, 0
REC-EXAM 03,04			3			540		9	20/1					360		2		REC-TRIAGE 01,
REC-EXAM 03,04			2				360	11	20/1	*	20/1	12			360	2		REC-TRIAGE 01, 0
RECREGIST 202 - PRINTER			1		500				20/1		· · ·	1	540			3		REC-EXAM 01,
(E)RECEXAM RM 218	1		4			720		15	20/1		1	-		540		3		REC-EXAM 01,
(E)RECEXAM RM 219	1		4				720	17	20/1	*	20/1	18			540	3		REC-EXAM 01.
(E)REC-EXAM RM 220	1		4		720			19	20/1	*	20/1	20	500			1		RECHALLWAY 207 PYXIS DIS
LTG-E.D., OFF TRI, EX REG, WAIT, RR	*	38				1,130		21	20/1	_*_	20/1	22		360		2		REC-OFFICE 01,
LTG-E.D. HALLWAYS	/	4 <u>9</u>			/	4	294	23	20/1	*	20/1	24			360	2		REC-OFFICE 01,
NURSE CALL POWER SUPPLY				1	500			25	20/1	*	20/1	26	800					RESTROOM 204, 2
REC-TTY PHONE AT E.D. ENTRY			1			180		27	20/1	_*_	20/1	28		1,000				LOCKERS/TOILET 276, 2
SPARE								29	20/1	*	20/1	30						SPAF
SPACE								31		*		32	000000000000000000000000000000000000000					SPA
SPACE								33		_*_		34						SPAC
SPACE								35		*		36						SPAC
SPACE								37		*		38						SPAC
SPACE								39		_*_		40						SPAC
SPACE								41		*		42						SPAC
TOTAL ØA = TOTAL ØB = TOTAL ØC =	6,193 V	OLT-4	MPS		51.6	AMPS AMPS AMPS						INOTE		G CONTI ED FROM				

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TOTAL PANEL = 13,161 VA @ 208V, 3Ø = 37 AMPS

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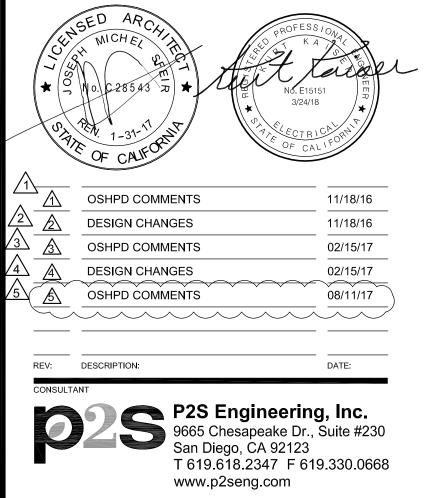
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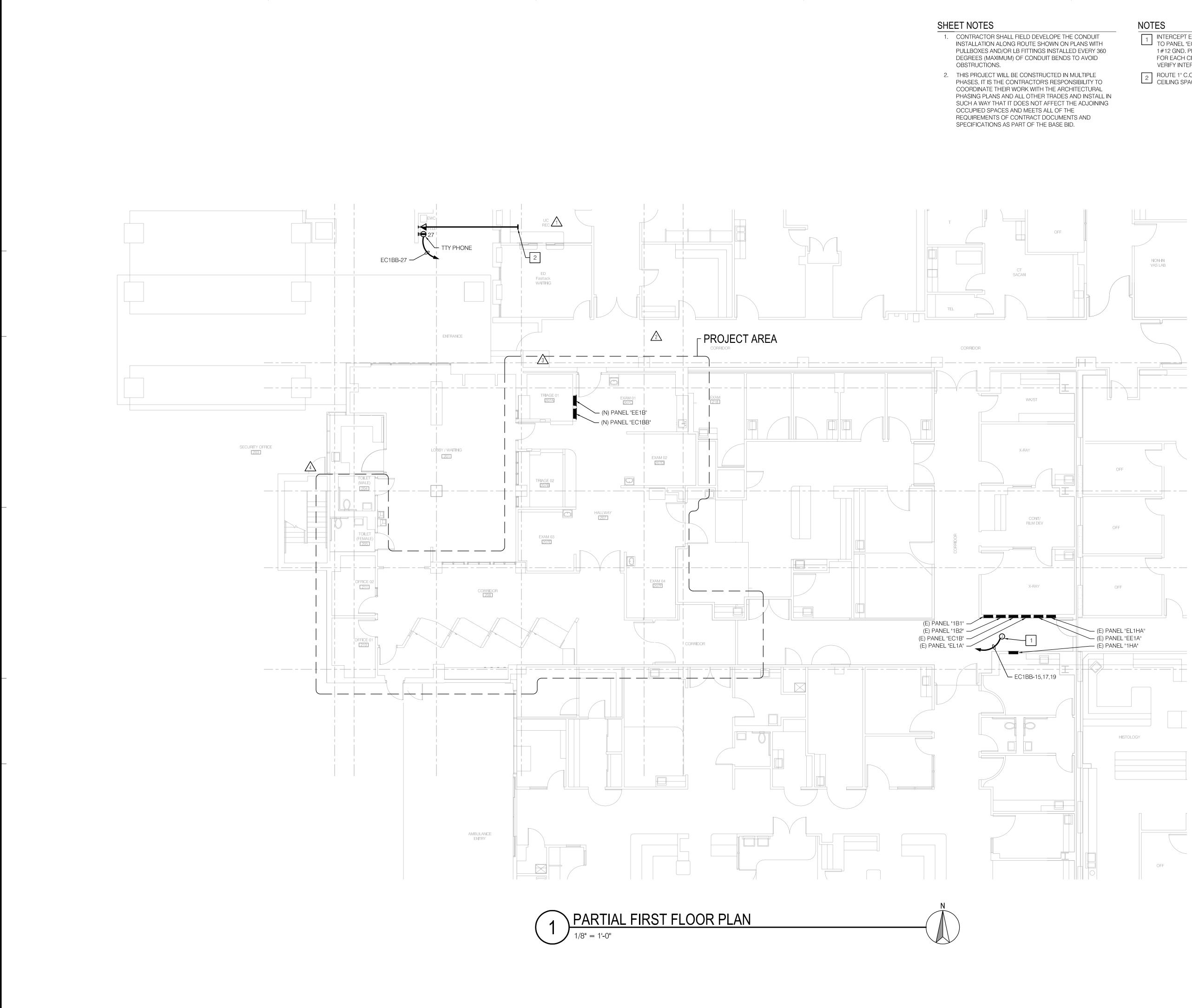
SHEET NUMBER:

PROJECT #: 01593.00 DRAWN BY: CHECKED BY:

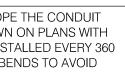
SCALE: As indicated DATE: 08/03/16

SHEET TITLE:





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 INTERCEPT EXISTING CIRCUITS "EC1B'-1,3,5" AND EXTEND

 TO PANEL "EC1BB" WITH 3/4"C.-3#12, 3#12 NEUTRALS &

 1#12 GND. PROVIDE SEPARATE NEUTRAL CONDUCTOR

 FOR EACH CIRCUIT INDICATED. CONTRACTOR TO FIELD

 VERIFY INTERCEPT POINT.

 1

2 ROUTE 1" C.O. WITH PULL ROPE INTO ACCESSIBLE CEILING SPACE.



1350 Columbia Street, Suite 603 San Diego, CA 92101 P: 619-299-3917

F: 619-299-5084 www sfeirarch com

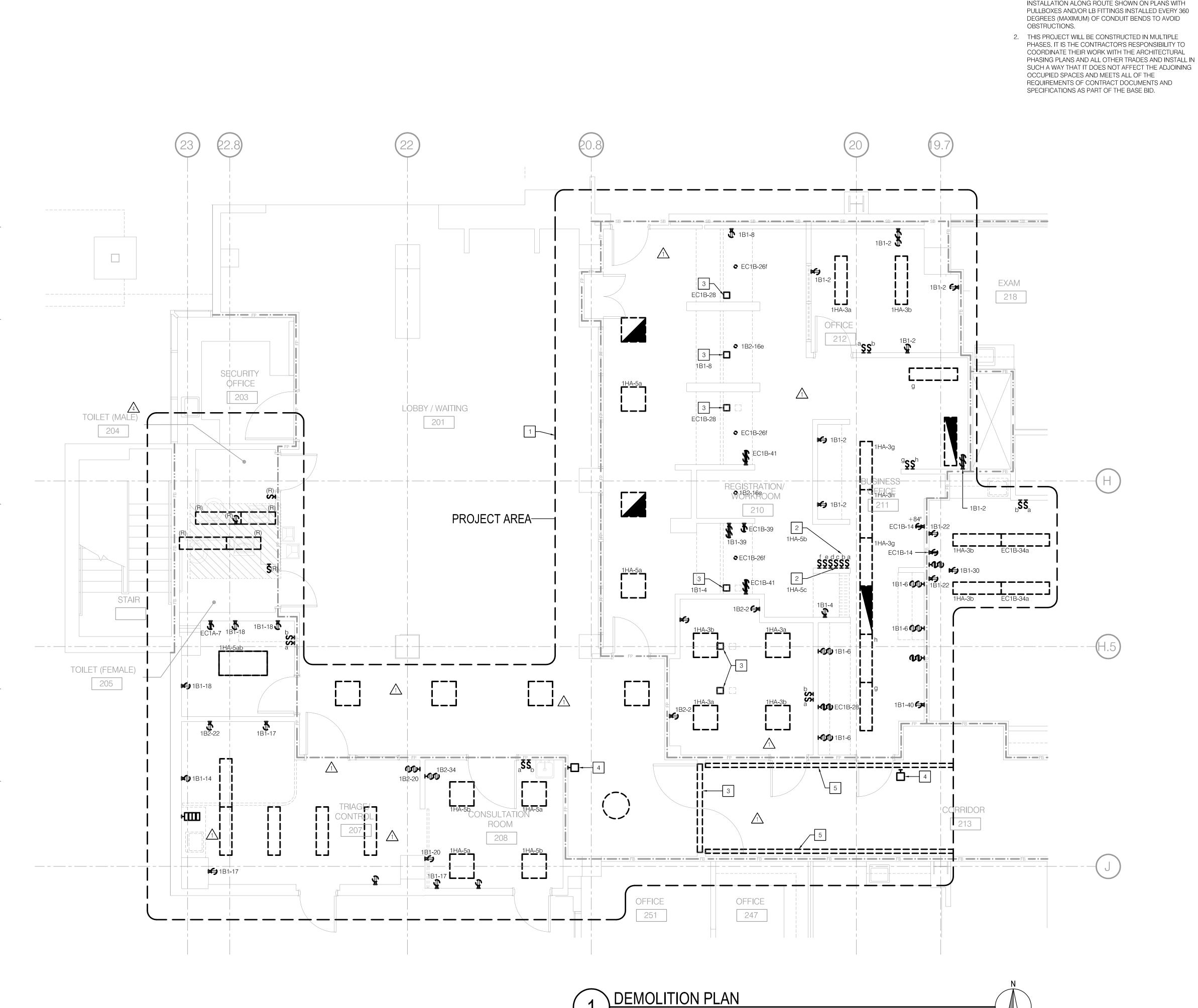
# TCMC EMERGENCY DEPARTMENT

## TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056

OWNER:	2	FRI-CITY MI 1002 VISTA DCEANSIDE FEL(760)724	WAY E, CALIFO		
ARCHITEC	5	SFEIR ARCH 5151 SHORI 5AN DIEGO FEL(619)299	EHAM PLA , CALIFOF	RNIA 92122	
STRUCTUF	2	SUN STRUC 2091 LAS PA CARLSBAD, FEL(760)438	ALMAS DF CALIFOR	RIVE, SUITE	
ME&P:	c c	22S 9665 CHESA SAN DIEGO FEL(619)618	, CALIFOF	RNIA 92123	
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		CHANGES			02/15/17
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REV: DE CONSULTANT		• • • • • • • • • • • • • • • • • • •	<b>S Eng</b> 5 Chesa Diego, ( 19.618.2 w.p2sen	CA 92123 2347 F 61	08/11/17 
REV: DE CONSULTANT		COMMENTS P: COMMENTS P: P: COMMENTS P: COMMENTS P: COMMENTS P: COMMENTS P: COMMENTS COMMENTS P2 966 San T 6 WW P2	<b>S Eng</b> 5 Chesa Diego, ( 19.618.2 w.p2sen	peake Dr., CA 92123 2347  F 61	08/11/17 Date: <b>g, Inc.</b> Suite #230
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REV: DEA CONSULTANT CONSULTANT COSHPD APPRO OSHPD OSHPD OSHPD		P: 62093-3 L FIF PLAI GENCY	S Eng 5 Chesa Diego, ( 19.618.2 w.p2sen 7-00 7-00	peake Dr., CA 92123 2347 F 61 g.com	08/11/17 Date: <b>g, Inc.</b> Suite #230

SCALE: As indicate date: 08/03/16

E100



1/4" = 1'-0"

### SHEET NOTES

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1. CONTRACTOR SHALL FIELD DEVELOPE THE CONDUIT INSTALLATION ALONG ROUTE SHOWN ON PLANS WITH

### NOTES

- 1 ALL EXISTING ELECTRICAL INDICATED TO BE REMOVED UNLESS NOTED OTHERWISE. 2 EXISTING LIGHTING SWITCHES CONTROLLING LIGHTING OUTSIDE OF PROJECT NEED TO BE RELOCATED. REFER TO NOTE 4 SHEET E201 FOR ADDITIONAL INFORMATION.
- 3 EXISTING AUTODOOR TO BE REMOVED AND RELOCATED.
- 4 EXISTING AUTODOOR ACCESS CONTROLLER TO BE REMOVED.
- 5 EXISTING SURFACE MOUNTED FLUORESCENT TUBE FIXTURE TO BE FIELD MODIFIED TO ACCOMMODATE NEW CONSTRUCTION.



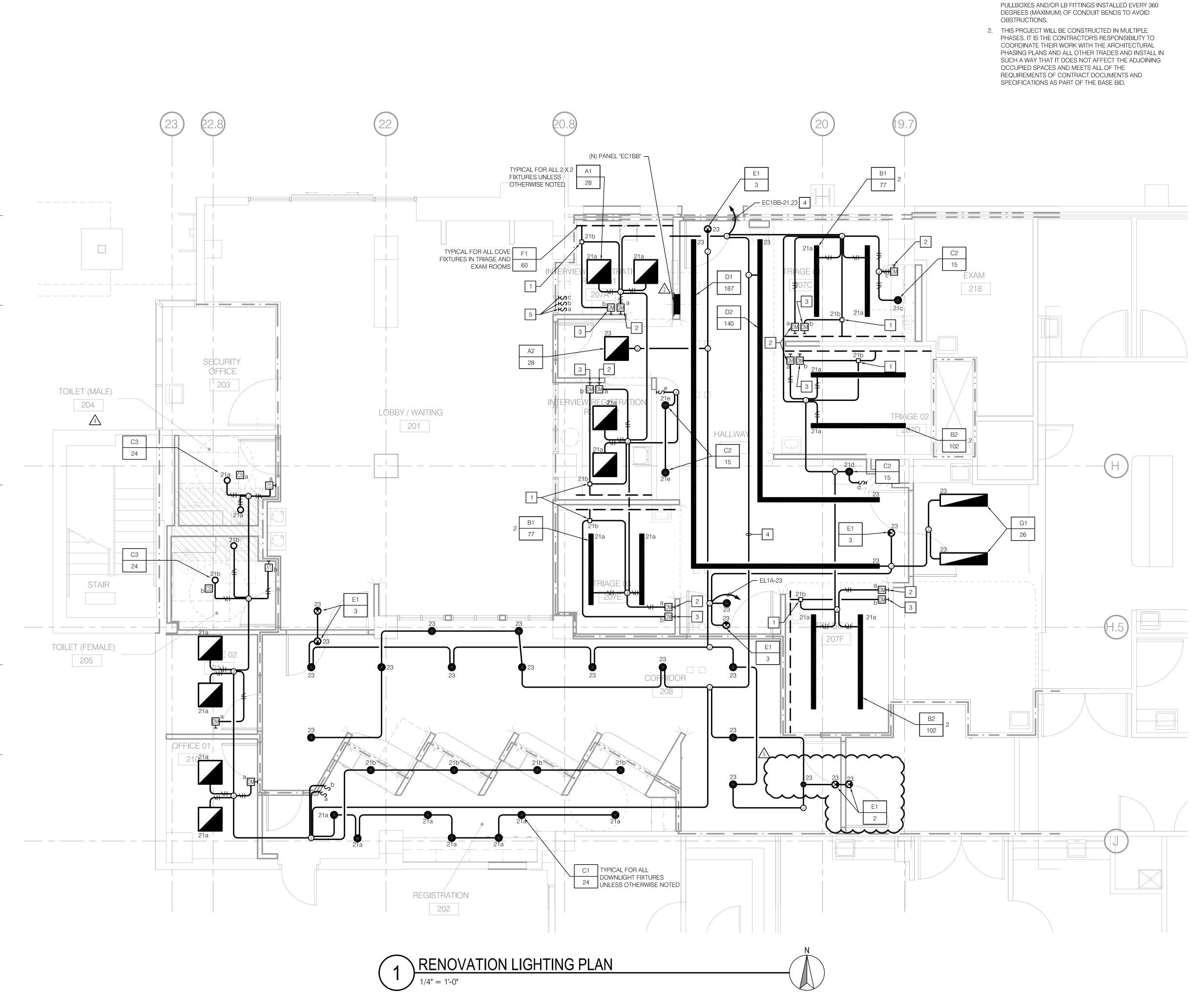
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# TCMC EMERGENCY DEPARTMENT

## TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056

_	OWNER:	TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 9 TEL(760)724-8411	
	ARCHITECT:	SFEIR ARCHITECTS 5151 SHOREHAM PLACE, S SAN DIEGO, CALIFORNIA 92 TEL(619)299-3917 FAX(619)	2122
_	STRUCTURAL:	SUN STRUCTURAL ENGINE 2091 LAS PALMAS DRIVE, S CARLSBAD, CALIFORNIA 92 TEL(760)438-1188	UITE D
	ME&P:	P2S 9665 CHESAPEAKE DRIVE, SAN DIEGO, CALIFORNIA 92 TEL(619)618-2347 FAX(619)	2123
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### SHEET NOTES

1. CONTRACTOR SHALL FIELD DEVELOPE THE CONDUIT INSTALLATION ALONG ROUTE SHOWN ON PLANS WITH

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### NOTES

- COVE LIGHT TYPE "F1" POWER SUPPLY. REFER TOLUMINAIRE SCHEDULE FOR REQUIREMENTS.
- 2 PROVIDE LUTRON SLIDE-TO-OFF 0-10V DIMMER #NTF-10-WH.
- 3 PROVIDE LUTRON SLIDE-TO-OFF 2-WIRE INCANDESCENT DIMMER #NT-600-WH.
- 4 3/4"C. 2#12, 2#12 NEUTRALS, & 1#12 GND.
- 5RELOCATED LIGHT SWITCHES CONTROLLING LIGHTING<br/>OUTSIDE OF PROJECT AREA TO BE RECONNECTED. INTERCEPT EXISTING CIRCUITS AND EXTEND TO LOCATION INDICATED. REFER TO DEMOLITION PLAN NOTE 2 SHEET E200 FOR ADDITIONAL INFORMATION.



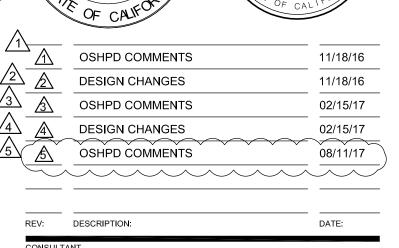
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# TCMC EMERGENCY DEPARTMENT

## TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056

OWNER:	TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056 TEL(760)724-8411
ARCHITECT:	SFEIR ARCHITECTS 5151 SHOREHAM PLACE, SUITE 100 SAN DIEGO, CALIFORNIA 92122 TEL(619)299-3917 FAX(619)299-5084
STRUCTURAL:	SUN STRUCTURAL ENGINEERING, INC. 2091 LAS PALMAS DRIVE, SUITE D CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188
ME&P:	P2S 9665 CHESAPEAKE DRIVE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347 FAX(619)330-0668
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OSHPD APPROVAL STAMP:

OSHPD #: S162093-37-00

## RENOVATION LIGHTING PLAN

PROJECT TITLE: TCMC EMERGENCY DEPARTMENT

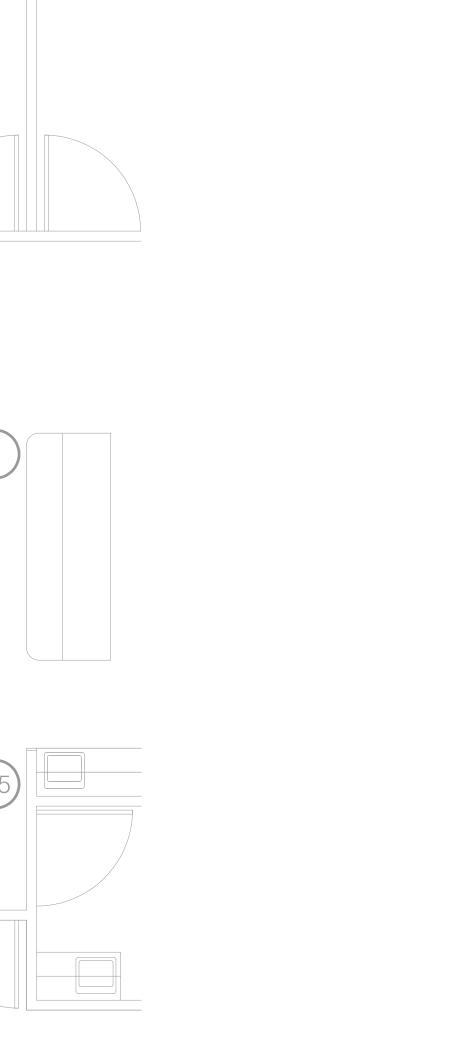
SHEET NUMBER

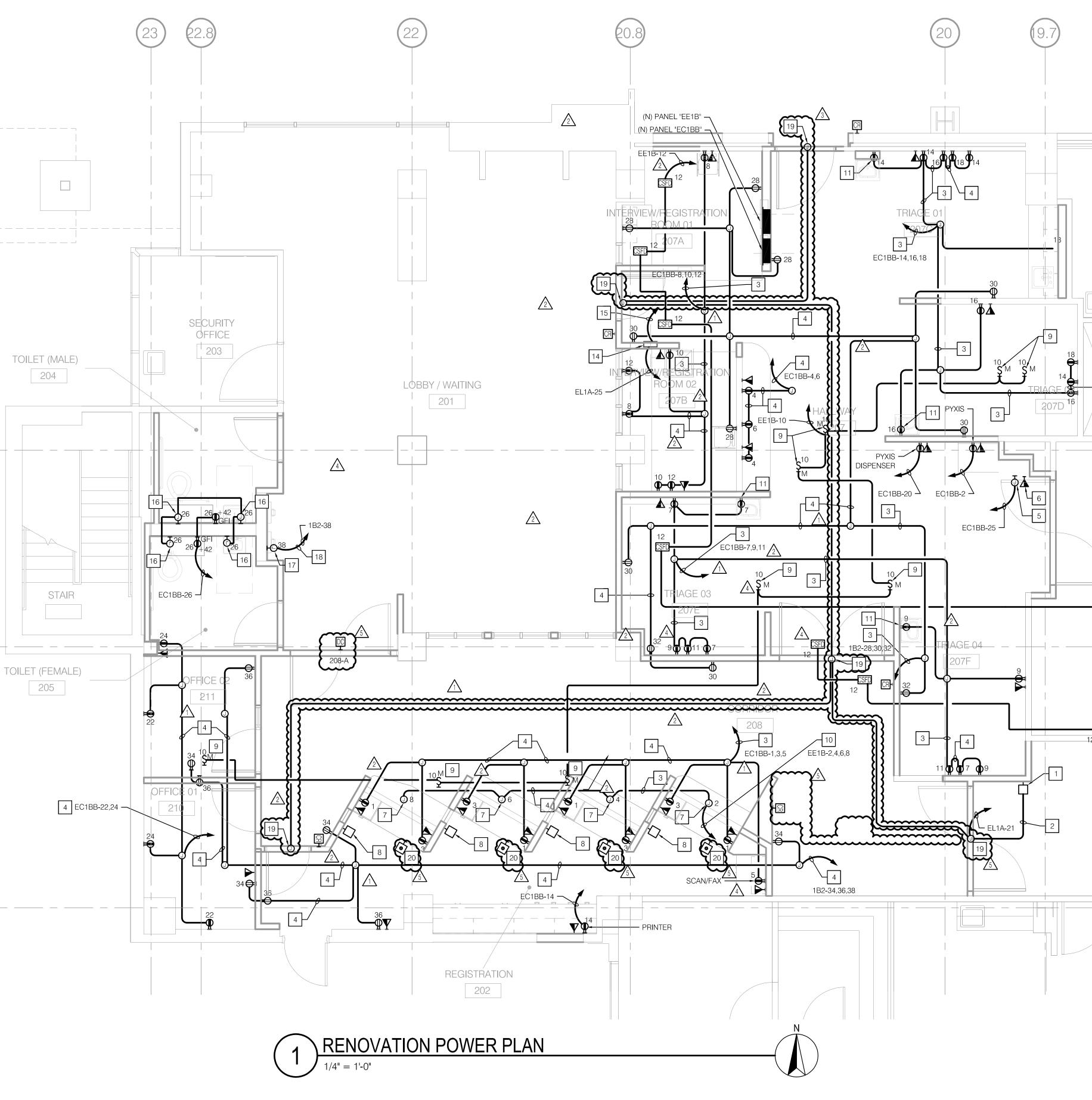
PROJECT # 01593.00 DRAWN BY CHECKED BY

> SCALE: As indicated 08/03/16

SHEET TITLE:

E201





### SHEET NOTES

- 1. CONTRACTOR SHALL FIELD DEVELOPE THE CONDUIT INSTALLATION ALONG ROUTE SHOWN PULLBOXES AND/OR LB FITTINGS INST DEGREES (MAXIMUM) OF CONDUIT BE OBSTRUCTIONS.
- 2. THIS PROJECT WILL BE CONSTRUCTED IN MULTIPLE PHASES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THEIR WORK WITH THE ARCHITECTURAL PHASING PLANS AND ALL OTHER TRADES AND INSTALL IN SUCH A WAY THAT IT DOES NOT AFFECT THE ADJOINING OCCUPIED SPACES AND MEETS ALL OF THE REQUIREMENTS OF CONTRACT DOCUMENTS AND SPECIFICATIONS AS PART OF THE BASE BID.

PETHE CONDUIT	
N ON PLANS WITH	
STALLED EVERY 360	
SENDS TO AVOID	

EXAM 218

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### OTES

1	PROVIDE FLUSH WALL MOUNTED TWO GANG OUTLET BOX AT +42" A.F.F. FOR AUTODOOR ACCESS CONTROL DEVICE.
2	3/4"C., WITH PULLROPE FOR AUTODOOR ACCESS CONTROL WIRING.
3	3/4"C 3#12, 3#12 NEUTRALS AND 1#12 GRD.
4	3/4"C 2#12, 2#12 NEUTRALS AND 1#12 GRD.
5	120V CONNECTION FOR NURSE CALL SYSTEM POWER

SUPPLY. 6 DATA OUTLET DEDICATED FOR NURSE CALL TERMINAL CABINET.

7 120V CONNECTION TO ROLL DOWN FIRE DOOR UNIT.

8 PROVIDE 2-GANG FLUSH WALL MOUNTED OUTLET BELOW + 42" A.F.F. WITH 3/4" C. TO RESPECTIVE PULL DOWN FIRE DOOR UNIT.

9 120V CONNECTION TO HVAC VAV BOX.

10 1"C. - 4#12, 4#12 NEUTRALS AND 2#12 GND.

11 120V CONNECTION TO SENSOR FAUCET.

12 NOT USED

13 NOT USED

14 120V CONNECTION TO MED GAS ALARM PANEL MGA-1. COORDINATE LOCATION WITH PLUMBING DRAWINGS PRIOR TO ROUGH-IN.

15 COORDINATE LOCATION WITH PLUMBING DRAWINGS PRIOR TO ROUGH-IN. PROVIDE 1" C. TO MED GAS ZONE VALVE ZVB-1 FOR PRESSURE SENSOR WIRING.

120V CONNECTION TO PLUMBING FIXTURE. COORDINATE EXACT LOCATION WITH PLUMBING DRAWINGS PRIOR TO ROUGH-IN.

17 120V CONNECTION TO ELECTRIC WATER COOLER. COORDINATE EXACT LOCATION WITH PLUMBING DRAWINGS PRIOR TO ROUGH-IN.

18 3/4"C - 2#12, 1#12 GND. 

19 PROVIDE 120V CONNECTION TO DOOR CONTROLLER POWER SUPPLY. COORDINATE EXACT LOCATION WITH

VENDOR. 20 PROVIDE ELECTRONIC RELEASE BUTTON TO DOOR CONTACTS AT NEW DOOR 208-A FOR ACCESS INTO CORRIDOR 208.

R S F F ARCHITECTS

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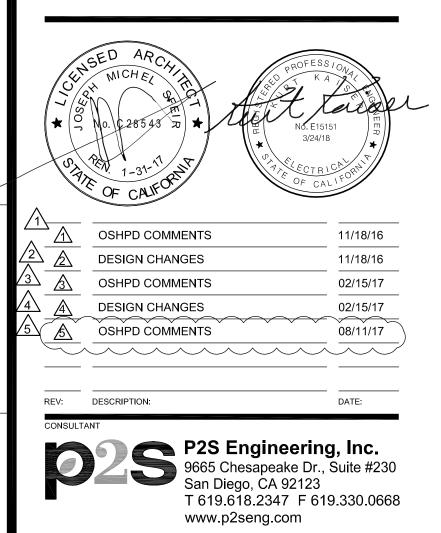
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1

# TCMC EMERGENCY DEPARTMENT

## TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056

OWNER:	TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056 TEL(760)724-8411
ARCHITECT:	SFEIR ARCHITECTS 5151 SHOREHAM PLACE, SUITE 100 SAN DIEGO, CALIFORNIA 92122 TEL(619)299-3917 FAX(619)299-5084
STRUCTURAL:	SUN STRUCTURAL ENGINEERING, INC. 2091 LAS PALMAS DRIVE, SUITE D CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188
ME&P:	P2S 9665 CHESAPEAKE DRIVE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347 FAX(619)330-0668



OSHPD APPROVAL STAMP:

OSHPD #: S162093-37-00

## RENOVATION POWER PLAN

PROJECT TITLE: TCMC EMERGENCY DEPARTMENT

SHEET NUMBER

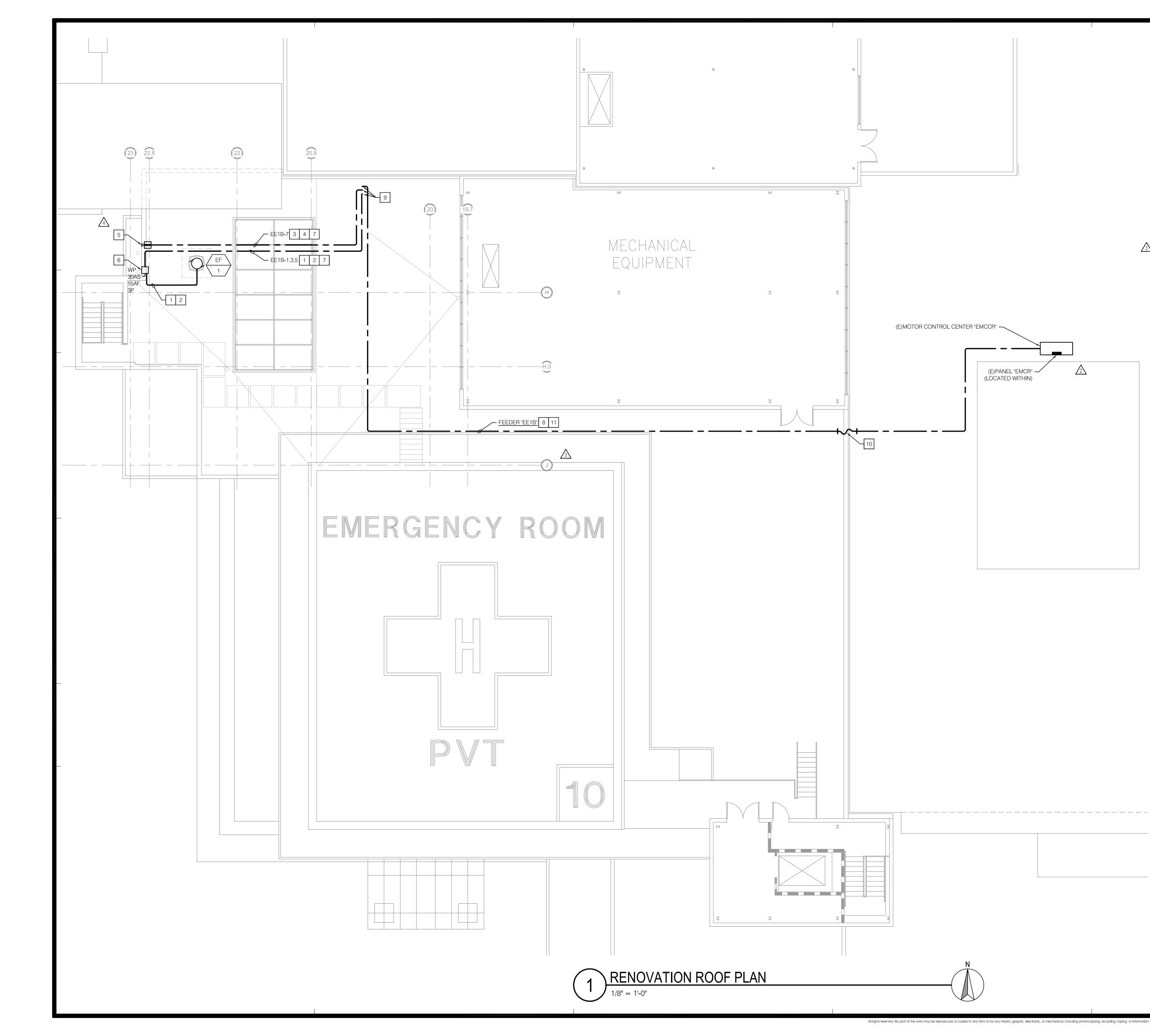
PROJECT # 01593.00 RAWN B CHECKED BY

> SCALE: As indicated 08/03/16

SHEET TITLE

E202

P2S No. 8232



1 3/4"C.-3#12 & 1#12 GND. 4

## 2 CONDUCTOR AMPACITY DERATED TO 17.4A FOR 3 1/2" H. AND 120F (OCEANSIDE, CA) AMBIENT TEMPERATURE PER CEC 310.16 AND 150F ROOF TEMPERATURE FOR CEC TABLE 310.15(B)(3)(C). #12 AWG = (30A)(0.58)=17.4A.

- 3 3/4"C. 2#10 & 1#10 GND.
- 4 CONDUCTOR AMPACITY DERATED TO 23.2A FOR 3 1/2" H. AND 120F (OCEANSIDE, CA) AMBIENT TEMPERATURE PER CEC 310.16 AND 150F ROOF TEMPERATURE FOR CEC TABLE 310.15(B)(3)(C). #10 AWG = (40A)(0.58)=23.2A.
- 5 SURFACE MOUNT GFCI RECEPTACLE IN WEATHERPROOF ENCLOSURE TO PARAPET WALL.
- 6 SURFACE MOUNT DISCONNECT ENCLOSURE TO PARAPET WALL.
- 7 ROUTE CONDUIT EXPOSED ON ROOF.
- 8 REFER TO SINGLE LINE DIAGRAM FOR REQUIREMENTS.
- 9 ROUTE CONDUIT DOWN TO PANEL "EEB1" BELOW.
- 10 PROVIDE BUILDING SEPARATION JOINT. REFER TO DETAIL 3/E600.
- 11CONDUCTOR AMPACITY DERATED TO 98.6A FOR 3 1/2" H.AND 120F (OCEANSIDE, CA) AMBIENT TEMPERATURE PER CEC 310.16 AND 150F ROOF TEMPERATURE FOR CEC TABLE 310.15(B)(3)(C). #1/0 AWG = (170A)(0.58) = 98.6A.

### GENERAL NOTES

3

- 1. ROOF MOUNTED FEEDERS SIZED IN ACCORDANCE WITH 80% DERATING FACTOR CEC 310.15(b)(2)(a) AND TEMPERATURE DERATING FACTOR CEC 310.15(B)(3)(C).
- 2. SURFACE MOUNT ALL ROOF CONDUITS ON MINIMUM 3 1/2" H. DURA BLOK SUPPORTS AT MAX. 10'-0" O.C.
- 3. ELECTRICAL CONTRACTOR SHALL REFER TO MECHANICAL AND ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND CHARACTERISTICS OF ALL EQUIPMENT LISTED IN SCHEDULE. ANY MODIFICATIONS AND/OR ADDITIONAL WORK NECESSARY SHALL BE INCLUDED IN BASE BID.
- 4. ELECTRICAL CONTRACTOR SHALL VERIFY THE EXACT LOCATIONS OF ALL CONNECTION POINTS WITH EQUIPMENT INSTALLER PRIOR TO ROUGH-IN.
- 5. ALL CONDUIT EXPOSED ON ROOF SHALL BE RIGID. 6. ALL ROOF MOUNTED EQUIPMENT SHALL BE NEMA 3R
- RATED. 7. ELECTRICAL CONTRACTOR SHALL COORDINATE THE ROUTING OF POWER WIRING TO ROOF MOUNTED EQUIPMENT WITH MECHANICAL PIPE CURB ASSEMBLY. NO SEPARATE ROOF PENETRATION WILL BE PERMITTED. ALL WIRING SHALL BE BELOW THE ROOF IN ACCESSIBLE CEILING SPACE LOCATION UNLESS NOTED OTHERWISE.
- 8. SEAL ALL ROOF PENETRATIONS WATER TIGHT. PER ROOF MATERIAL REQUIREMENTS.



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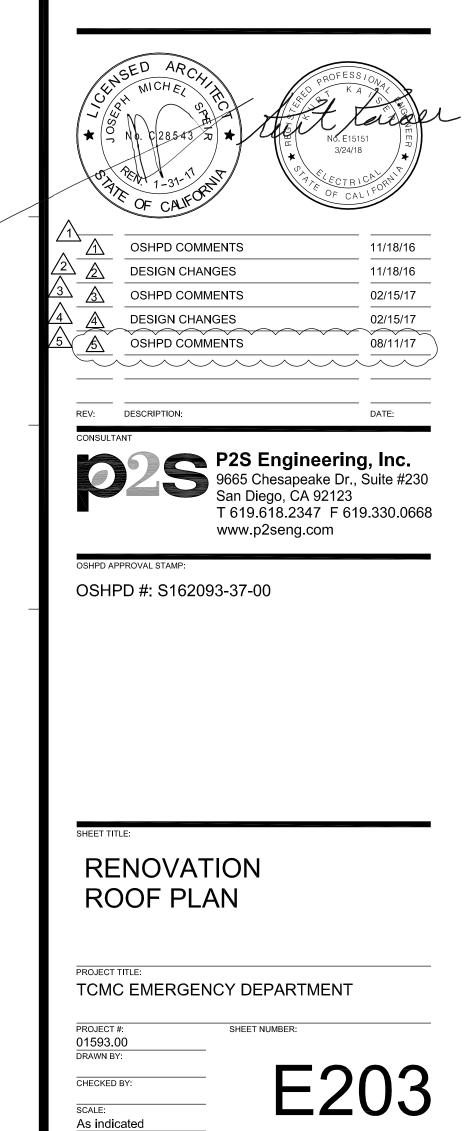
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# TCMC EMERGENCY DEPARTMENT

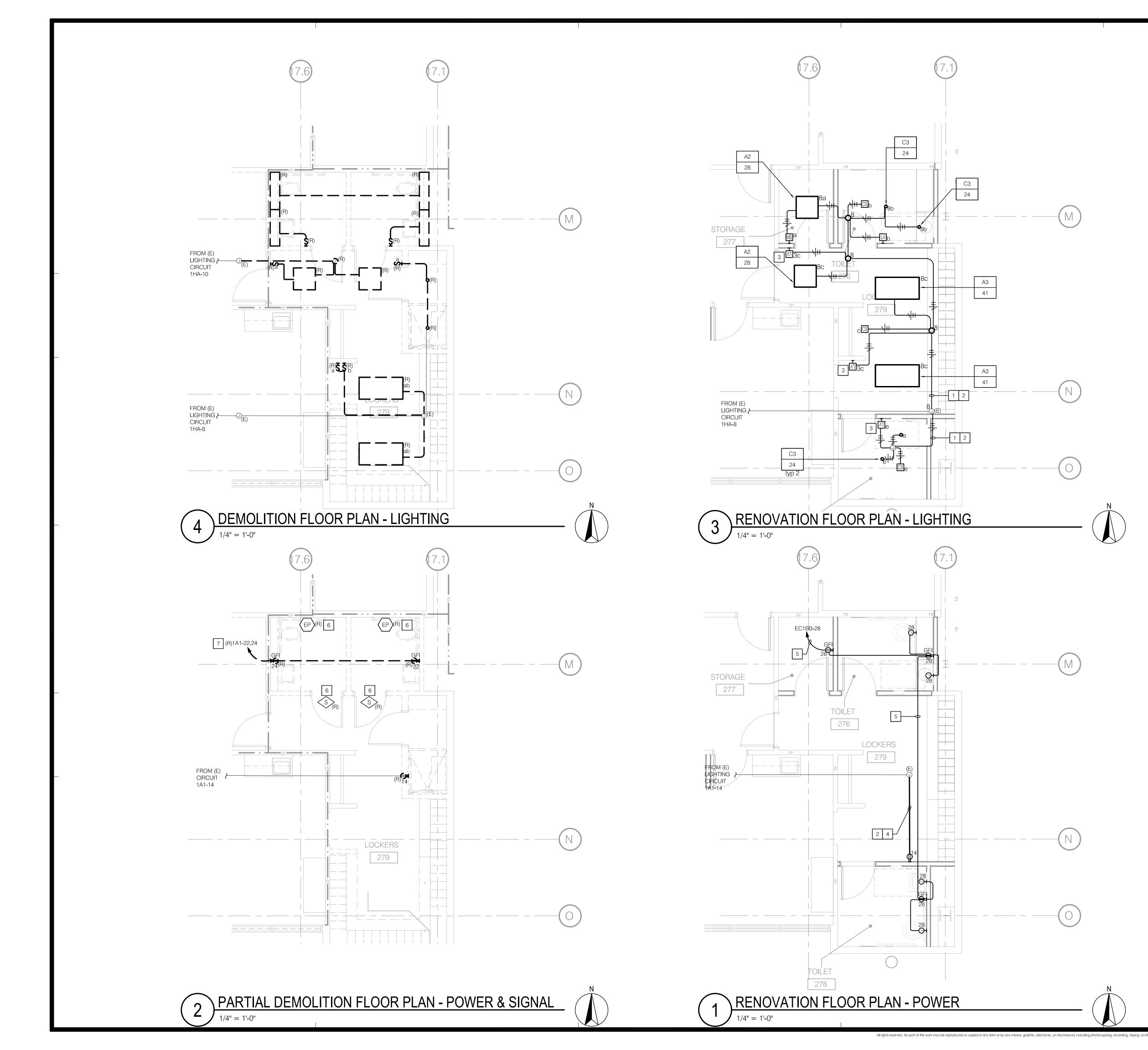
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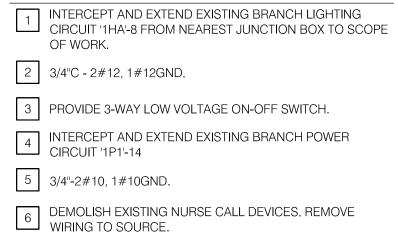
OWNER:	TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056 TEL(760)724-8411
ARCHITECT:	SFEIR ARCHITECTS 5151 SHOREHAM PLACE, SUITE 100 SAN DIEGO, CALIFORNIA 92122 TEL(619)299-3917 FAX(619)299-5084
STRUCTURAL:	SUN STRUCTURAL ENGINEERING, INC. 2091 LAS PALMAS DRIVE, SUITE D CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188
ME&P:	P2S 9665 CHESAPEAKE DRIVE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347 FAX(619)330-0668



P2S No. 8232

08/03/16





7 DEMOLISH EXISTING BRANCH CIRCUITS '1A1'-22,24 TO SOURCE. REMOVE ALL CONDUIT AND WIRING TO PANEL. RELABEL CIRCUIT BREAKERS AS "SPARE". REFER TO SHEET E100 FOR PANEL LOCATION.



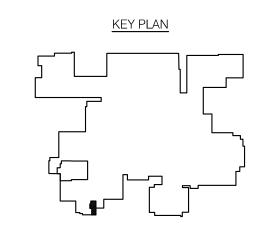
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# TCMC EMERGENCY DEPARTMENT

## TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056

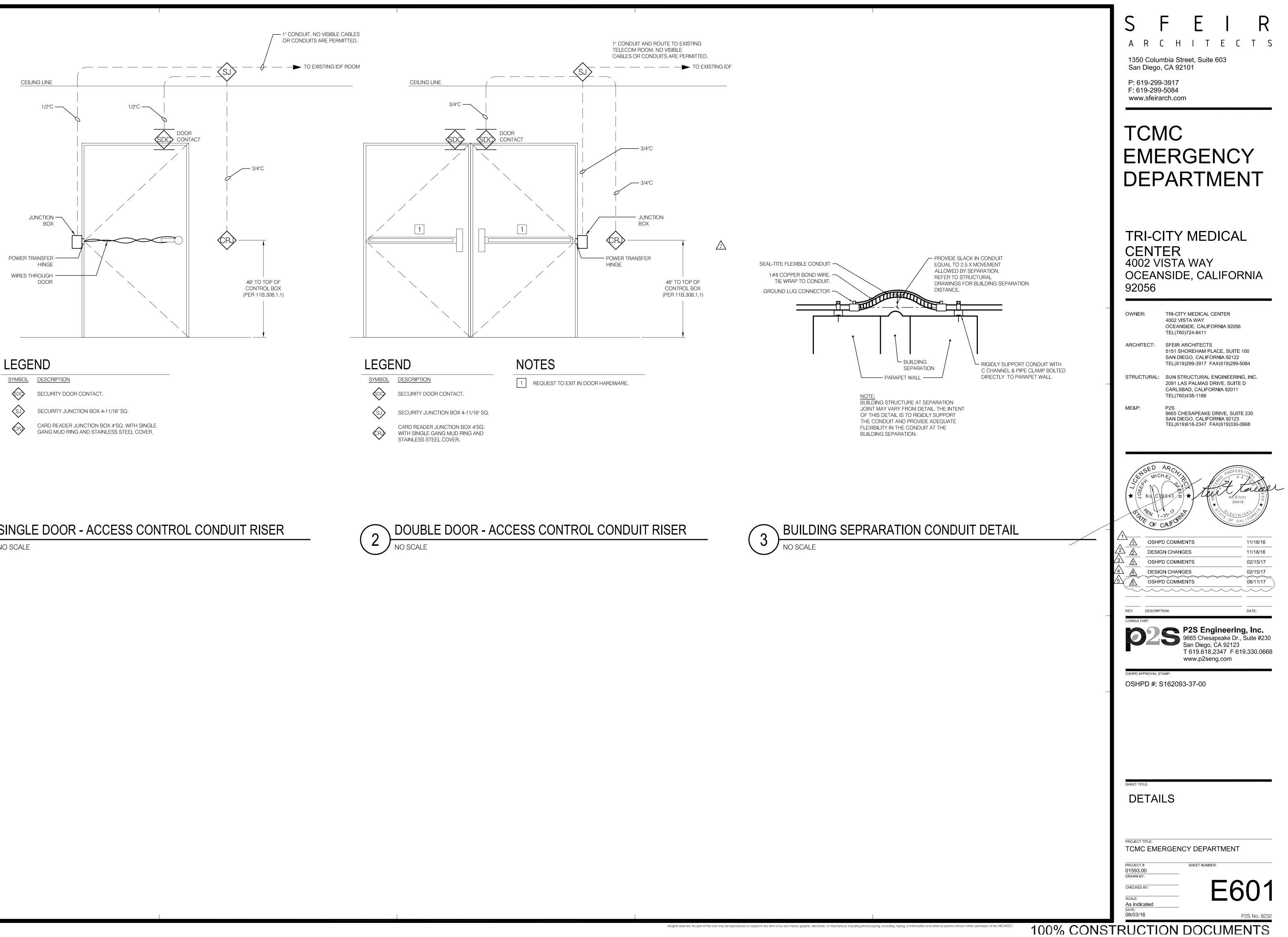
	TRI-CITY MEDICAL CENTER 4002 VISTA WAY	
	OCEANSIDE, CALIFORNIA 9 TEL(760)724-8411	2056
ARCHITECT:	SFEIR ARCHITECTS 5151 SHOREHAM PLACE, S SAN DIEGO, CALIFORNIA 92 TEL(619)299-3917 FAX(619)	2122
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CONSULTANT	S P2S Engines 9665 Chesapeake San Diego, CA 92 T 619.618.2347 www.p2seng.com	ering, Inc. Dr., Suite #23 123 F 619.330.066
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CONSULTANT	<b>P2S Engines</b> 9665 Chesapeake San Diego, CA 92 T 619.618.2347 www.p2seng.com	ering, Inc. Dr., Suite #23 123 F 619.330.066
CONSULTANT DOSHPD APPROVAL ST OSHPD #: S OSHPD #: S SHEET TITLE: DEMO	S P2S Engines 9665 Chesapeake San Diego, CA 92 T 619.618.2347 www.p2seng.com	ering, Inc. 9 Dr., Suite #23 123 F 619.330.066 n
CONSULTANT DOSHPD APPROVAL ST OSHPD #: S OSHPD #: S SHEET TITLE: DEMO RENO LOCKE	SP2S Engines 9665 Chesapeake San Diego, CA 92 T 619.618.2347 www.p2seng.com	ering, Inc. P. J. Suite #23 123 F 619.330.066 N
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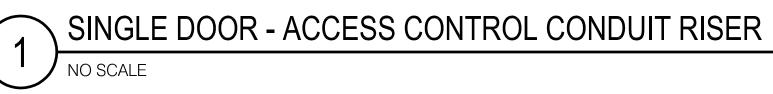


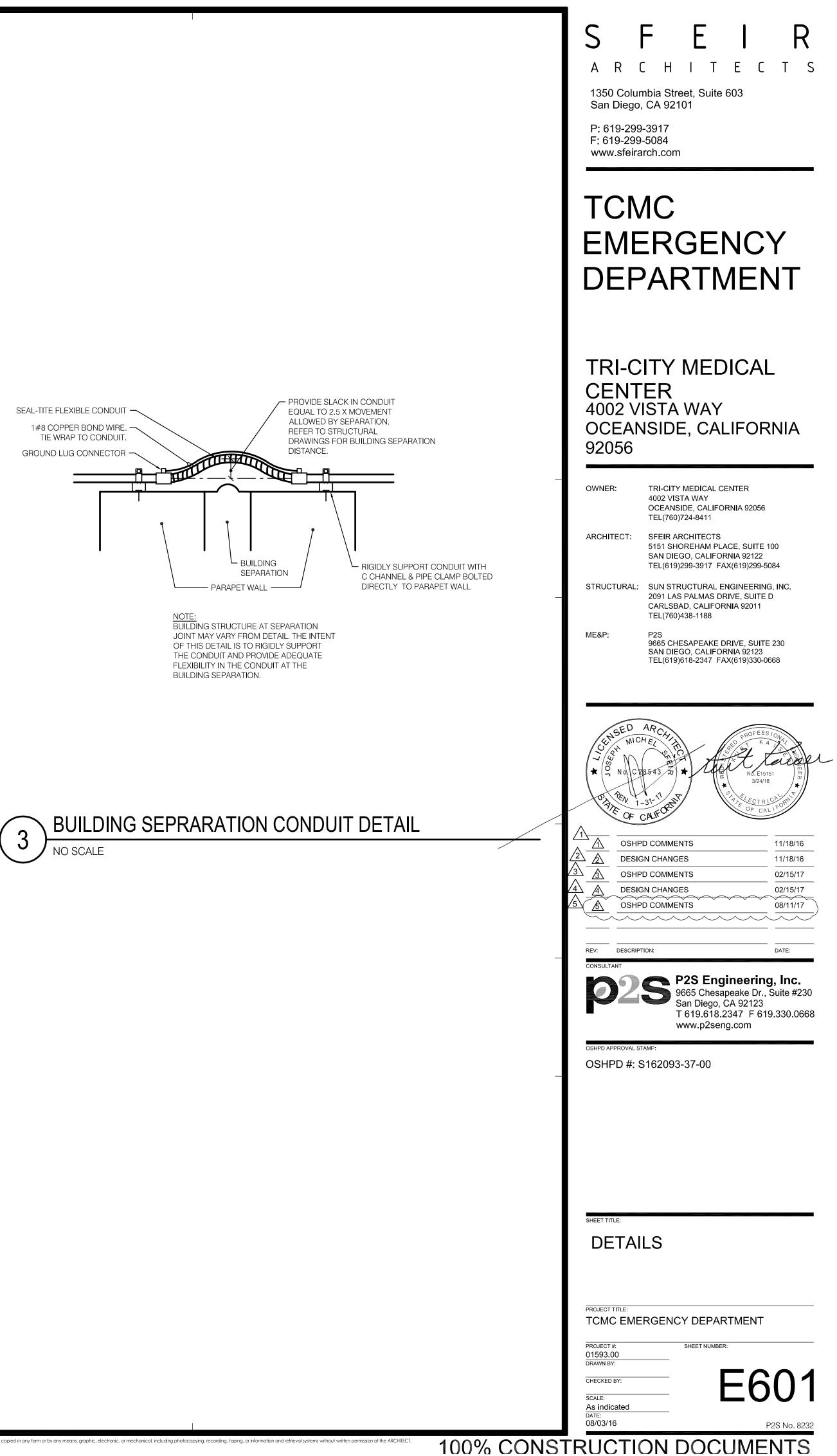
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P2S No. 8232

date: 08/03/16







FACPNOTIFIERAFP-400EXISTING FIRE ALARM CONTROL PANEL-XImage: Image: Im	
X     WHEELOCK     RSS-24MCC-FR     CEILING MOUNTED STROBE (RED)     7125-0785:0141     X	
	SWITCH, DEVICE, OUTLET BOX
Image: Problem big	
Wolling FSP-851SMOKE DETECTOR7272-0028:0206Image: Sep-851SMOKE DETECTORImage: Sep-851Image: Sep-851<	TINISHED FLOOR

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ONLY DEVICE TYPES AND LOCATIONS HAVE BEEN REVIEWED. FIRE ALARM DRAWINGS ARE TO BE SUBMITTED FOR DEFERRED APPROVAL.

3

# SHEET INDEX

<u>SHEET</u> FA001 FA200 <u>\_1</u> FA201 <u>∕</u>3 <sub>FA202</sub>

DESCRIPTION GENERAL NOTES, LEGEND AND ABBEVIATIONS DEMOLITION PLAN RENOVATION FIRE ALARM PLAN **RENOVATION FIRE ALARM PLAN - LOCKER ROOM** 

TOP OF SWITCH,

BOX

DEVICE, OUTLET

3. WHEN INSTALLING DRILLED-IN ANCHORS/OR POWDER DRIVEN PINS 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 AND/OR PIN. 4. ALL ELECTRICAL SERVICES IN THE HOSPITAL ARE TO REMAIN OPERATIONAL DURING THE ENTIRE CONTRACT PERIOD. ANY INTERRUPTION OF ELECTRICAL POWER FOR THE PERFORMANCE OF THIS WORK SHALL BE ONLY AT SUCH TIME AND SUCH DURATION AS APPROVED IN WRITING BY THE OWNER.

5. 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.

6. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF CEILING MOUNTED FIXTURES, SMOKE DETECTORS, SPEAKERS & OUTLETS. 7. ALL CONDUIT PENETRATIONS OF FIRE RATED WALLS, FLOORS AND ROOF SHALL BE FIRE STOPPED.

8. CONTRACTOR SHALL COMPLY WITH ALL GROUNDING AND BONDING REQUIREMENTS OF C.E.C. 517-13,15 & 78.

9. ADJUST CEILING MOUNT SMOKE DETECTOR LOCATIONS IF REQUIRED TO PROVIDE 3 FOOT MINIMUM DISTANCE FROM SUPPLY AIR DIFFUSERS. CEILING MOUNT SMOKE DETECTORS AT FIRE DOORS, SHALL BE LOCATED 5 FOOT MAXIMUM FROM FIRE DOOR.

10. PROVIDE LOWRY SOUND DEADENING CLAY PADS ON BACK & SIDES OF ALL OUTLETS & BACKBOXES IN COMMON WALLS OF PATIENT ROOMS. 11. 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. DISCONNECT SWITCHES ON ROOF SHALL BE 30" MINIMUM ABOVE ROOF. PROVIDE ANGLE IRON SUPPORT BRACKETS.

12. THIS PROJECT WILL BE CONSTRUCTED IN MULTIPLE PHASES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THEIR WORK WITH THE ARCHITECTURAL PLANS AND ALL OTHER TRADES AND INSTALL IN SUCH A WAY THAT IT DOES NOT AFFECT THE ADJOINING OCCUPIED SPACES AND MEETS ALL OF THE REQUIREMENTS OF CONTRACT DOCUMENTS AND SPECIFICATIONS.

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.

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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 EXISTING WIRE AND CONDUIT BACK TO THE SERVING PANELBOARD AND UPDATE THE PANELBOARD CIRCUIT DIRECTORY INDICATING "SPARE" FOR ALL UNUSED CIRCUIT BREAKERS.

# **GENERAL NOTES**

1. APPLICABLE CODES: 2012 IBC AND 2013 CALIFORNIA AMENDMENTS (2013 CALIFORNIA BUILDING CODE - PART 2, TITLE 24, CCR) 2011 NEC AND 2013 CALIFORNIA AMENDMENTS (2013 CALIFORNIA ELECTRICAL CODE - PART 3, TITLE 24, CCR) 2013 UMC AND 2012 CALIFORNIA AMENDMENTS (2012 CALIFORNIA MECHANICAL CODE - PART 4, TITLE 24, CCR) 2013 UPC AND 2012 CALIFORNIA AMENDMENTS (2012 CALIFORNIA PLUMBING CODE - PART 5, TITLE 24, CCR)-(PUBLISHER:IAPMO) 2012 IFC AND 2013 CALIFORNIA AMENDMENTS (2013 CALIFORNIA FIRE CODE - PART 9, TITLE 24, CCR)

2. 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 WHERE IN 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.

FIRE STOP MATERIALS SHALL BE TESTED ASSEMBLY APPROVED BY THE OSHPD FIRE MARSHAL.

13. ALL ELECTRICAL DEVICE LOCATIONS AND CONDUIT ROUTING INDICATED ON DRAWINGS ARE DIAGRAMMATICALLY SHOWN.

SHALL MEET ALL REQUIREMENTS OF CBC 1008.1.9.7 FOR ALL APPLICABLE DOORS 

# **DEMOLITION NOTES**

10. REFER TO LIGHTING, POWER & SIGNAL PLANS FOR ADDITIONAL EXISTING ELECTRICAL TO REMAIN.



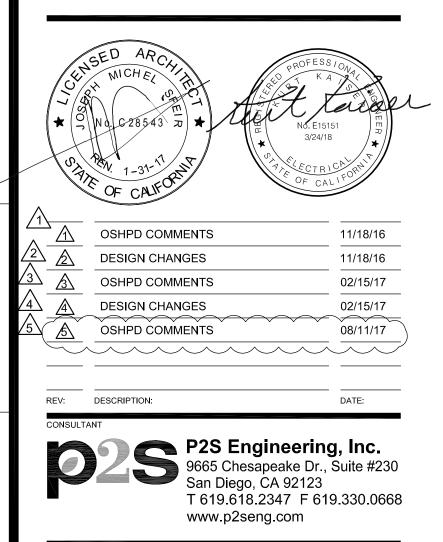
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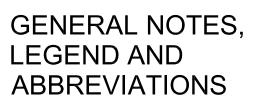
### TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056

OWNER:	TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056 TEL(760)724-8411
ARCHITECT:	SFEIR ARCHITECTS 5151 SHOREHAM PLACE, SUITE 100 SAN DIEGO, CALIFORNIA 92122 TEL(619)299-3917 FAX(619)299-5084
STRUCTURAL:	SUN STRUCTURAL ENGINEERING, INC. 2091 LAS PALMAS DRIVE, SUITE D CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188
ME&P:	P2S 9665 CHESAPEAKE DRIVE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347 FAX(619)330-0668



OSHPD APPROVAL STAMP:

OSHPD #: S162093-37-00



PROJECT TITLE: TCMC EMERGENCY DEPARTMENT

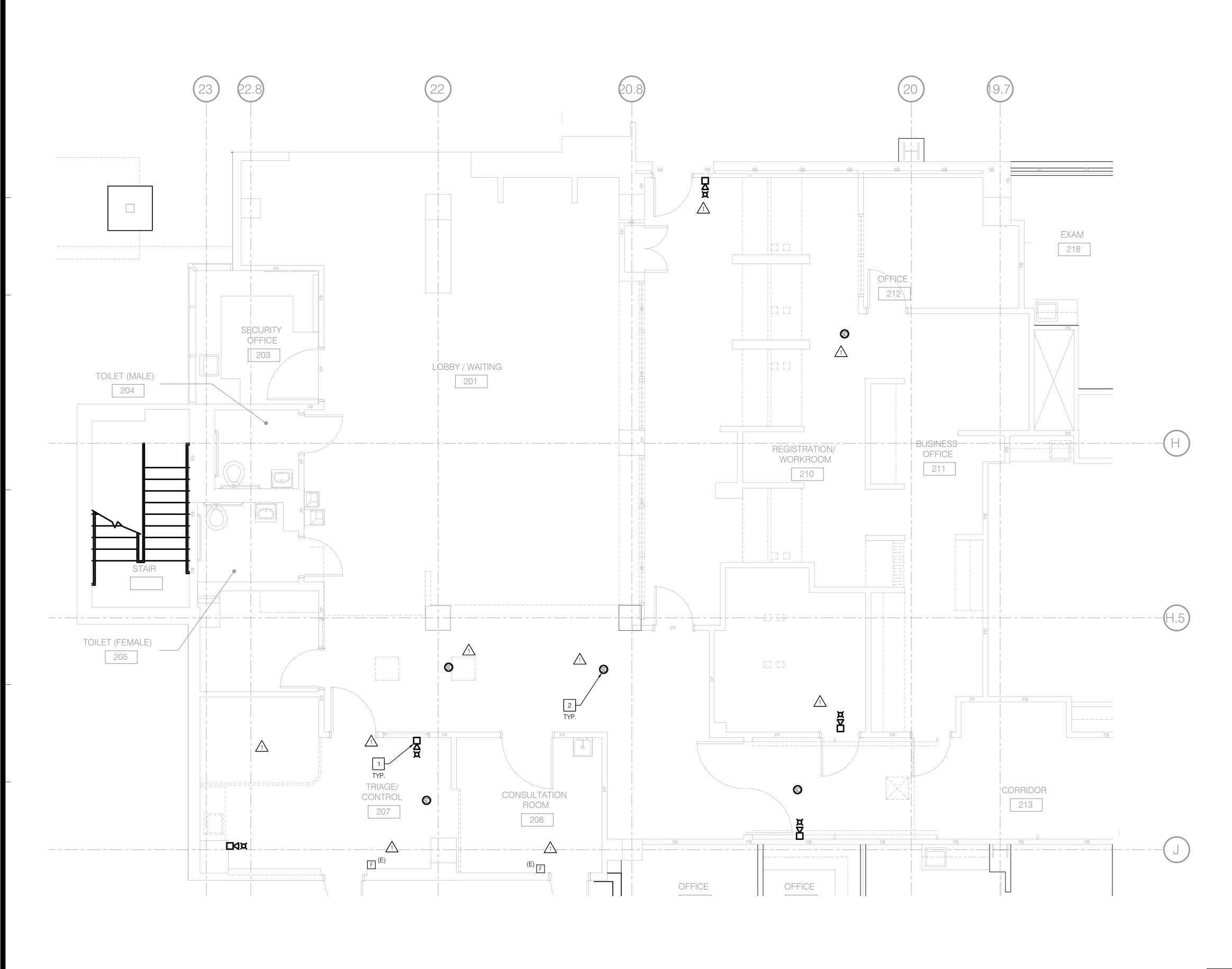
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PROJECT #: 01593.00 DRAWN BY CHECKED BY

SCALE:

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NOTES

DISCONNECT AND REMOVE EXISTING WALL MOUNTED CHIME AND STROBE.

2 DISCONNECT AND REMOVE EXISTING SMOKE DETECTOR.



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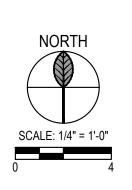
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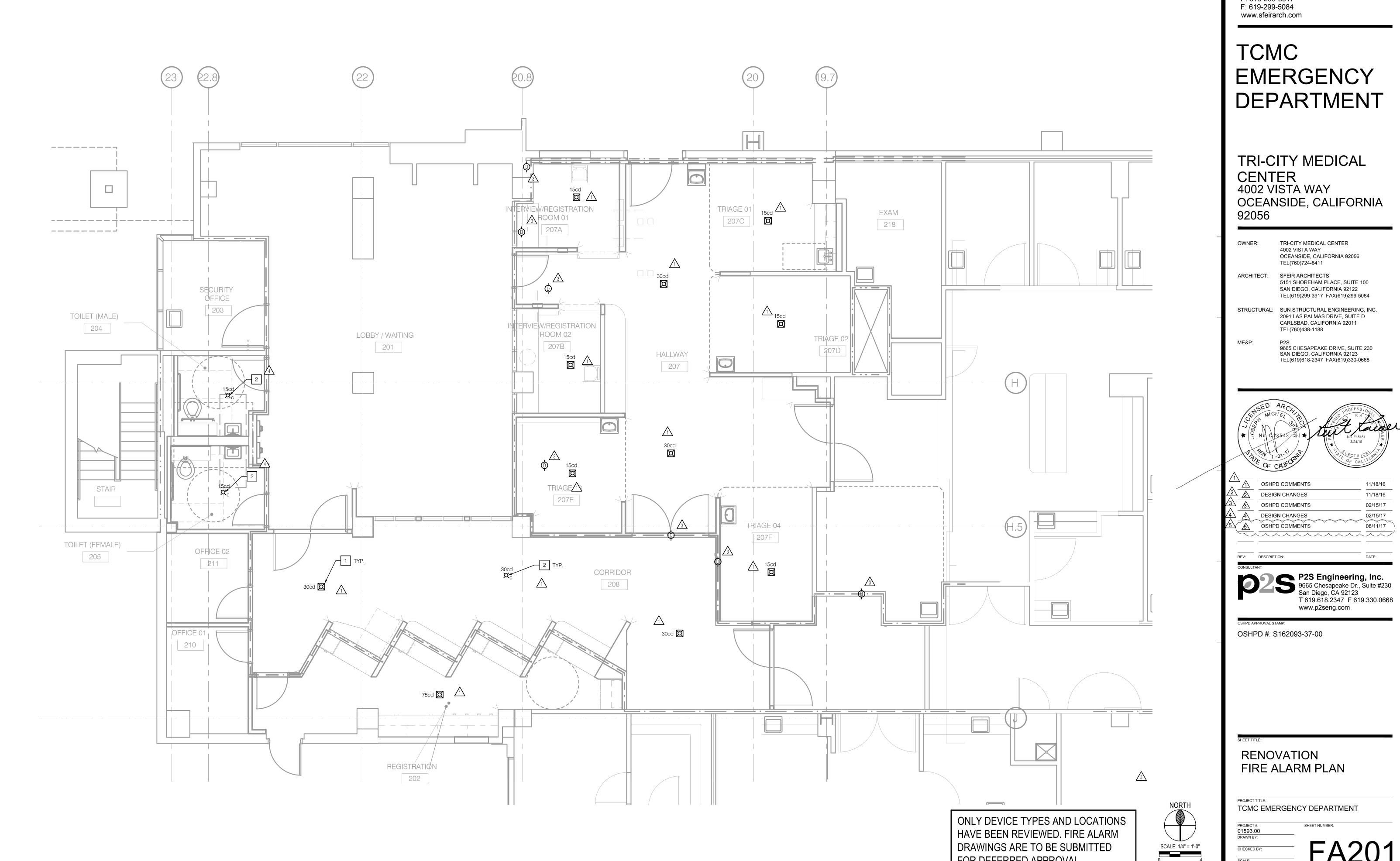
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DATE: 08/03/16





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PROVIDE CEILING MOUNTED COMBINATION CHIME AND STROBE DEVICE AS SHOWN.

2 PROVIDE CEILING MOUNTED STROBE AS SHOWN.



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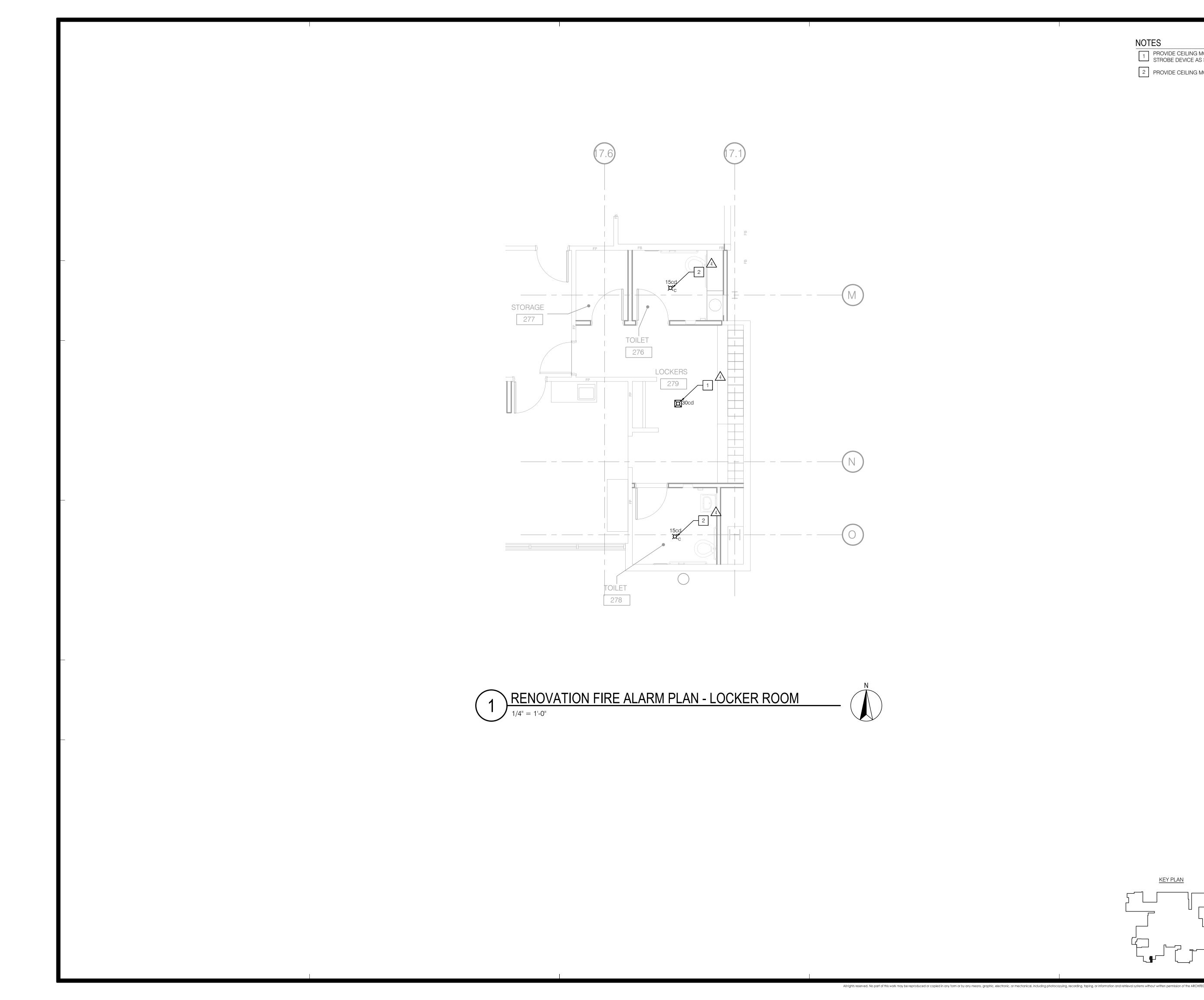
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	STRUCTURAL:	SUN STRUCTURAL ENGINEERING 2091 LAS PALMAS DRIVE, SUITE CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188	
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P2S No. 8232

100% CONSTRUCTION DOCUMENTS

SCALE: As indicated 08/03/16



PROVIDE CEILING MOUNTED COMBINATION CHIME AND STROBE DEVICE AS SHOWN.

2 PROVIDE CEILING MOUNTED STROBE AS SHOWN.



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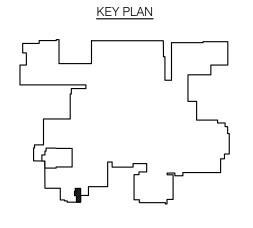
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	CONSUL CONSUL OSHPD A OSH OSH OSH SHEET T RE FIL LC	PPROVAL ST PD #: S PD #: S PD #: S PD #: S	<ul> <li>9665 Chesapeake D San Diego, CA 9212 T 619.618.2347 F www.p2seng.com</li> <li>S162093-37-00</li> <li>VATION ALARM PLAN -</li> </ul>	or., Suite #230 23 619.330.0668
	CONSUL CONSUL OSHPD A OSH OSH OSH SHEET T RE FIL LC	TTILE: TTILE: CEME	<ul> <li>9665 Chesapeake D San Diego, CA 9212 T 619.618.2347 F www.p2seng.com</li> <li>MP:</li> <li>S162093-37-00</li> <li>VATION ALARM PLAN - ER ROOM</li> </ul>	or., Suite #230 23 619.330.0668
	CONSUL CONSUL OSHPD A OSH OSH OSH OSH OSH OSH OSH OSH OSH OSH	TTITLE: TTITLE: TTITLE: CEME TTITLE: CEME TTITLE: CEME	Sea Diego, CA 9212 T 619.618.2347 F www.p2seng.com	pr., Suite #230 3 619.330.0668
		APPROVAL ST PD #: S PD	SHEET NUMBER:	pr., Suite #230 3 619.330.0668

/



NAVIC	ARE NURSE CALL					
DEVICE SYMBOL	DEVICE NAME	PART NUMBER	MOUNTING OPTION	BACK BOX TYPE (UL 514-A LISTED)	TYPICAL MOUNTING HEIGHT (VERIFY ALL LOCATIONS WITH OWNER)	DATA CABLE REQUIREMENTS (CMP)
GSC	GRAPHICAL STAFF CONSOLE, DESK MT. (GRS10)	P2500NNC1A00	DESK	1-GANG GW BOX - MUST BE GROUND	18"AFF (UNDER DESK)	2 CABLES TO POE SWITCH
BC	AUDIO STATION RED CONNECTOR (ASBC) (STANDALONE)	P2505NNC1A00 (REV A) P2505NNC1B00 (REV B)	HEADWALL	4" SQ. BOX 2-1/8" DEEP W/ 1-GANG MUD RING OR 1-GANG 3-1/2" DEEP METAL BOX	18" AFF	2 CABLES TO THE PATIENT STATION
2>	ZONE LIGHT	P2506NNC8A00	WALL/CEILING	4" SQ. BOX 2-1/8" DEEP W/ 2-GANG MUD RING	CENTER ABOVE PATIENT DOOR 90"AFF	1 CABLE TO RCB
	DOME LIGHT, SINGLE BULB	P2506NNC1B00	WALL/CEILING	4" SQ. BOX 2-1/8" DEEP W/ 2-GANG MUD RING	CENTER ABOVE PATIENT DOOR 90"AFF	1 CABLE TO RCB
EP	SWITCH, BATH SWITCH, W/ CANCEL, SUPERVISED	P2520B01	WALL	4" SQ. BOX 2-1/8" DEEP W/ 1-GANG MUD RING	42" AFF	1 CABLE TO RCB
SP	PATIENT STATION - STANDARD ROOM STATION W/ CODE (SRS)	P2594NNC1A11 (REV A) P2594NNC1B11 (REV B)	WALL	3-GANG METAL BOX 2-1/8" DEEP	54" AFF OR 48" TO COMPLY W/ OSHPD AND ADA	1 CABLE TO RCB
RCB	ROOM CONTROL BOARD (RCB) ABOVE CEILING	P2599NNC1B00	ABOVE CEILING	HILL-ROM SUPPLIED 12"x12"x4" STEEL BOX ENCLOSURE	VARIABLE	1 CABLE TO POE SWITCH
POE-24	POE SWITCH	P2519NNC1A24	RACK/SHELF	SWITCH MOUNTS INTO STANDARD WALL MOUNTED EQUIPMENT CABINET		SEE RISER DIAGRAM FOR DETAILS

## SHEET INDEX

DESCRIPTION

GENERAL NOTES, LEGEND, AND ABBREVIATIONS

NURSE CALL PLAN

T501 T601

<u>SHEET</u>

T001

T100

T202

NURSE CALL DIAGRAMS NURSE CALL DETAILS

## AE

W/

W/O

ABBR	EVIATIONS
ABBREVIATION	DESCRIPTION
A OR AMP	AMPERES
ACCU	
AFF AIC	ABOVE FINISHED FLOOR AMPERE INTERRUPTING CAPACITY
ARCH.	ARCHITECT; ARCHITECTURAL
AWG BDF	AMERICAN WIRE GAUGE
С	BUILDING DISTRIBUTION FRAME
CKT	CIRCUIT
CLG.	CEILING
C.O. CU	CONDUIT ONLY WITH PULL WIRE COPPER
DWG	DRAWING
EA	EACH
EMT	ELECTRICAL METALLIC TUBING
ENT EQUIP	ELECTRICAL NONMETALLIC TUBING EQUIPMENT
EXIST / (E)	EXISTING
E/W	EQUIPPED WITH
FCU FIN.	FAN COIL UNIT FINISH
FIXT	FIXTURE
FLR	FLOOR
FLUOR	FLUORESCENT FIBER OPTIC CABLE
FOC FT	FEET
FTU	FIBER TERMINAL UNIT
GFI	GROUND FAULT INTERRUPTER
GRC GND	GALVANIZED RIGID CONDUIT GROUND
IDF	INTERMEDIATE DISTRIBUTION FRAME
JB	JUNCTION BOX
LTG. MDF	LIGHTING MAIN DISTRIBUTION FRAME
MH	MOUNTING HEIGHT
MM	MULTIMODE
MTG. N	MOUNTING NORTH
NEC	NATIONAL ELECTRICAL CODE
NIC	NOT IN CONTRACT
NO. PH	NUMBER PHASE
PNL	PANEL
PWR	POWER
P.O.C. PRO	POINT OF CONNECTION PROTECTED TERMINAL
REC/RECEPT	
REQ'D	REQUIRED
RM SF	ROOM SQUARE FEET
SF	SHEET
SM	SINGLE MODE
SP	SINGLE POLE
SPECS SW	SPECIFICATIONS SWITCH
TYP	TYPICAL
TERM	
UG U.O.N.	UNDERGROUND UNLESS OTHERWISE NOTED
V.0.N.	VOLTS
V-A	VOLT-AMPERES
W	WATTS

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.

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WITH

WITHOUT

# **GENERAL NOTES**

1. A NEW HILL-ROM NAVICARE NURSE CALL SYSTEM WILL BE INSTALLED. THE SYSTEM SHALL BE INSTALLED USING NEW EQUIPMENT SUPPLIED TO THE FACILITY. COORDINATE WITH THE FACILITIES DEPARTMENT FOR ACCESS TO THE EXISTING NURSE CALL EQUIPMENT STORED IN THE WAREHOUSE. INSTALL THE SYSTEM ACCORDING TO THE OSHPD APPROVED DRAWINGS. COORDINATE WITH THE FACILITIES ANY ADDITIONAL EQUIPMENT REQUIRED.

2. ALTHOUGH THE NEW EQUIPMENT IS IN THE POSSESSION OF THE FACILITIES, THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL NECESSARY HARDWARE, TERMINAL STRIPS, WIRING, MODULES, ADAPTERS, ACCESSORIES, ETC. TO PROVIDE COMPLETE, COMPLIANT AND OPERABLE NURSE CALL SYSTEMS. ADDITIONAL QUANTITIES OF SYSTEM COMPONENTS, IF NECESSARY, SHALL BE PROVIDED TO INSURE COMPLETE AND FULLY OPERATIONAL NURSE CALL SYSTEMS. WHEN THE INSTALLATION IS COMPLETE, THE NURSE CALL SYSTEMS SHALL BE FUNCTION TESTED PER THE REQUIREMENTS OF THE OSHPD APPROVED DOCUMENTS AND TO THE SATISFACTION OF THE INSPECTOR OF RECORD AND FACILITY STAFF.

3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN A COMPLETE SET OF CONTRACT DOCUMENTS, ADDENDA, OSHPD APPROVED DRAWINGS AND SPECIFICATIONS. THE CONTRACTOR SHALL CHECK THE APPROVED OSHPD DOCUMENTS AND DETERMINE HIS RESPONSIBILITIES. FAILURE TO DO SO SHALL NOT RELEASE THE CONTRACTOR FROM DOING THE WORK IN COMPLETE ACCORDANCE WITH THE DRAWINGS AND CONTRACT DOCUMENTS.

4. THE INSTALLATION SHALL BE PERFORMED PER THE SCHEDULE REQUIRED. THE CONTRACTOR SHALL COORDINATE THEIR WORK WITH THE SCHEDULE, DRAWINGS AND OTHER TRADES AT THE SITE. ANY COSTS TO INSTALL WORK TO ACCOMPLISH SAID COORDINATION WHICH DIFFERS FROM THE WORK AS SHOWN ON THE DRAWINGS SHALL BE INCURRED BY THE CONTRACTOR. DISCREPANCIES, AMBIGUITIES OR CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE FACILITIES DEPARTMENT DURING BID TIME FOR CLARIFICATION. ANY SUCH CONFLICTS NOT CLARIFIED PRIOR TO BID SHALL BE SUBJECT TO THE INTERPRETATION OF THE FACILITIES DEPARTMENT AT NO ADDITIONAL COST TO THE OWNER.

5. FIELD VERIFY THE PROJECT AREA BEFORE BID AND CONSTRUCTION. INCLUDE ALL RESULTING COST IN THE BID. MAKE ADJUSTMENTS AS NECESSARY FOR FIELD CONDITIONS DURING THE INSTALLATION OF THE NEW NURSE CALL SYSTEM DEVICES.

6. THE CONTRACTOR SHALL PROVIDE AND KEEP UP-TO-DATE A COMPLETE RECORD SET OF DRAWINGS. THESE PRINTS SHALL BE CORRECTED DAILY AND SHOW EVERY CHANGE FROM THE ORIGINAL DRAWINGS THIS SET OF DRAWINGS SHALL BE KEPT ON THE JOB SITE AND SHALL BE USED ONLY AS A RECORD SET. THIS SHALL NOT BE CONSTRUED AS AUTHORIZATION FOR THE CONTRACTOR TO MAKE CHANGES IN THE LAYOUT WITHOUT APPROVAL. UPON COMPLETION OF THE WORK, DRAWINGS SHALL BE USED TO GENERATE AN ACCURATE SET OF AS BUILT DRAWINGS FOR SUBMISSION TO THE OWNER.

# NURSE CALL NOTES

1. THE NURSE CALL SYSTEM SHALL CONFORM TO ARTICLE 517.123 OF THE CALIFORNIA ELECTRIC CODE (CEC).

2. PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASSES.

3. A MINIMUM OF 48 HOURS NOTICE SHALL BE REQUIRED FOR ANY INSPECTION AND /OR TESTING.

4. ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE CODE OR RECOGNIZED STANDARDS SHALL BE BROUGHT TO THE ATTENTION OF THE INSPECTOR OF RECORD.

5. THE INTENT OF THE DRAWINGS AND SPECIFICATIONS IS TO RECONSTRUCT THE HOSPITAL BUILDING IN ACCORDANCE WITH THE 2013 EDITION OF TITLE 24, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY CONDITIONS DEVELOP NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH SAID, TITLE 24, CALIFORNIA CODE OF REGULATIONS, A CHANGE ORDER DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY OSHPD BEFORE PROCEEDING WITH THE WORK.

6. REFER TO THE ELECTRICAL DRAWING SHEETS FOR INFORMATION REGARDING ELECTRICAL POWER, NONSEGREGATED EMERGENCY CIRCUITS, PANEL SCHEDULES AND THE ELECTRICAL SINGLE LINE DIAGRAM. ELECTRICAL POWER SHALL BE PROVIDED TO THE NEW NURSE CALL SYSTEMS BY THE ELECTRICAL CONTRACTOR. NEW NURSE CALL SYSTEMS SHALL BE POWERED BY THE EMERGENCY CIRCUITS.

7. INSTALL NEW CABLE IN NEW CONDUIT STUB-UPS AND THEN OPEN ABOVE CEILING. NEW OPEN PLENUM CABLE SHALL BE SUPPORTED TO BUILDING STRUCTURE BY J-HOOKS. CABLE SHALL BE LISTED AS 300V TO MEET THE REQUIREMENTS OF ARTICLE 745 OF THE CEC FOR POWER LIMITED APPLICATIONS.

8. ALL PLENUM CABLE SHALL RUN PARALLEL OR AT RIGHT ANGLES TO THE BUILDING WALL STRUCTURE. DO NOT TIE CABLES TO POWER CABLES OR OTHER BUILDING SERVICES. INSTALL CABLE ON J-HOOK SUPPORTS AS SHOWN.

9. ALL CABLING, WIRING, AND TERMINAL BLOCKS SHALL BE CLEARLY LABELED WITH PERMANENT TAG OR WIRE MARKERS INDICATING FUNCTION, SOURCE OR DESTINATION OF THE CABLE OR TERMINATION. ALL CABLE SHALL BE LABELED AT BOTH ENDS.

10.NEW NURSE CALL EQUIPMENT SHALL BE INSTALLED IN NEW BACKBOXES. INSTALL THE PROPER SIZE BACKBOX PER CEC REQUIREMENTS. INSURE THAT CABLE FILL DOES NOT EXCEED EXISTING BOX CAPACITY PER CEC TABLE 370-16a. REFER TO THE SYMBOLS LEGEND FOR THE BACKBOX SCHEDULE.

11. ALL NEW STANDARD BACKBOXES, CONDUIT STUB-UPS, J-HOOKS, 120 VAC POWER AND ALL ELECTRICAL ROUGH-IN SHALL BE PROVIDED AND INSTALLED BY THE ELECTRICAL CONTRACTOR UNDER DIRECTION OF THE NURSE CALL CONTRACTOR. COORDINATE ROUGH-IN. MOUNTING OF CONTROL EQUIPMENT SHALL BE BY THE NURSE CALL CONTRACTOR. REFER TO THE STRUCTURAL MOUNTING DETAILS.

12.CORDS FOR TOILET PULLCORD STATIONS SHALL BE WITHIN 12 INCHES OF THE FINISHED FLOOR. REFER TO THE DETAILS SHEET FOR DETAILS.

13. THE CODE BLUE SHALL ANNUNCIATE AS THE HIGHEST PRIORITY AND SHALL COMPLY WITH CEC 517.123 (C). A UNIQUE VISUAL AND AUDIBLE INDICATION OF CODE BLUE SHALL BE GENERATED AT THE ATTENDING NURSES STATION AND THE 24-HOUR STAFFED PBX. CODE BLUE CALLS SHALL BE TRANSMITTED VIA THE THE EXISTING EASY CARE SYSTEM USING THE EXISTING RISER.

## S R ARCHITECTS

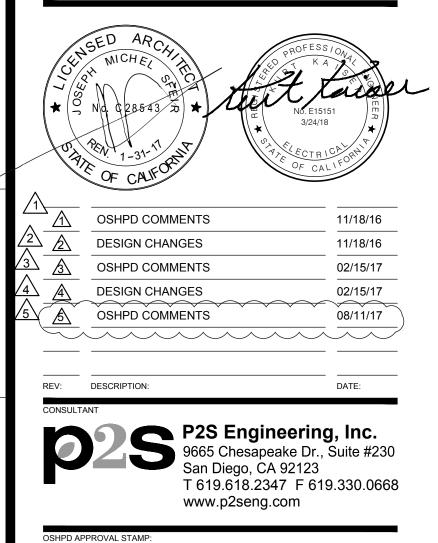
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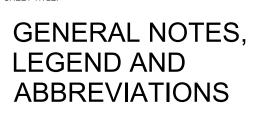
# TCMC EMERGENCY DEPARTMENT

### TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056

OWNER:	TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056 TEL(760)724-8411
ARCHITECT:	SFEIR ARCHITECTS 5151 SHOREHAM PLACE, SUITE 100 SAN DIEGO, CALIFORNIA 92122 TEL(619)299-3917 FAX(619)299-5084
STRUCTURAL:	SUN STRUCTURAL ENGINEERING, INC. 2091 LAS PALMAS DRIVE, SUITE D CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188
ME&P:	P2S 9665 CHESAPEAKE DRIVE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347 FAX(619)330-0668



OSHPD #: S162093-37-00



PROJECT TITLE: TCMC EMERGENCY DEPARTMENT

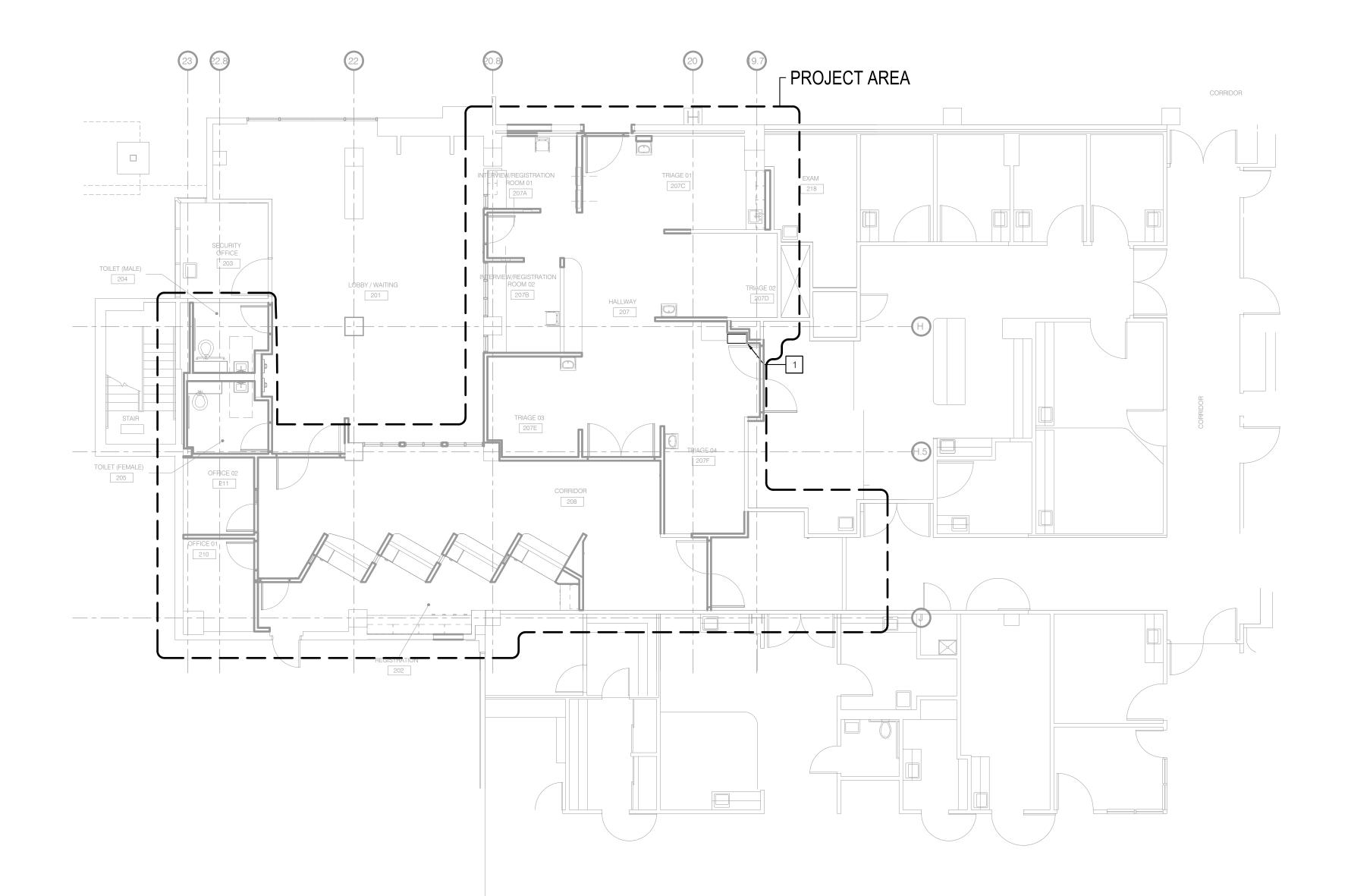
SHEET NUMBER

PROJECT #: 01593.00 DRAWN B CHECKED BY

> SCALE As indicated 08/03/16

T001

P2S No. 8232



NOTES 
 1
 LOCATION OF NEW 26"H x 26"W" 26"D WALL MOUNTED

 NURSE CALL TERMINAL CABINET (CPI MODEL# 13050-X13)

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### SHEET NOTES

1. THIS PROJECT WILL BE CONSTRUCTED IN MULTIPLE PHASES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THEIR WORK WITH THE ARCHITECTURAL PHASING PLANS AND ALL OTHER TRADES AND INSTALL IN SUCH A WAY THAT IT DOES NOT AFFECT THE ADJOINING OCCUPIED SPACES AND MEETS ALL OF THE REQUIREMENTS OF CONTRACT DOCUMENTS AND SPECIFICATIONS AS PART OF THE BASE BID.



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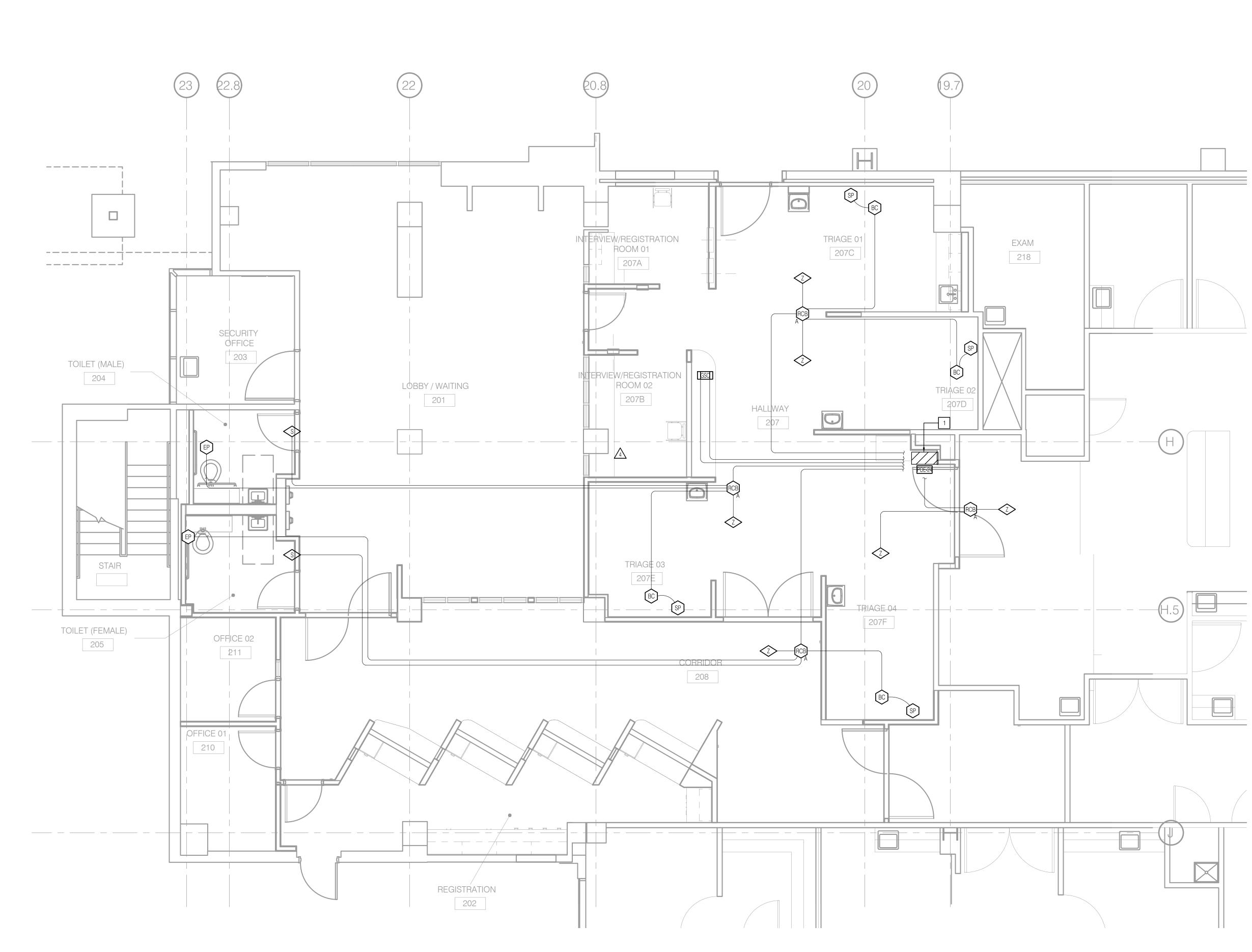
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	ARCHITECT:	SFEIR ARCHITECTS 5151 SHOREHAM PLACE, SUITE 100 SAN DIEGO, CALIFORNIA 92122 TEL(619)299-3917 FAX(619)299-5084
_	STRUCTURAL:	SUN STRUCTURAL ENGINEERING, INC. 2091 LAS PALMAS DRIVE, SUITE D CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188
	ME&P:	P2S 9665 CHESAPEAKE DRIVE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347 FAX(619)330-0668
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	02	9665 Chesapeake Dr., Suite #230 San Diego, CA 92123 T 619.618.2347 F 619.330.0668 www.p2seng.com
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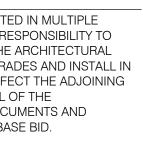
100% CONSTRUCTION DOCUMENTS



### SHEET NOTES

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### NOTES

1 26"H x 26"W x 12"D NURSE CALL TERMINAL CABINET.



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# TCMC EMERGENCY DEPARTMENT

## TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056

OWNER:	TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92 TEL(760)724-8411	2056
ARCHITEC	T: SFEIR ARCHITECTS 5151 SHOREHAM PLACE, SU SAN DIEGO, CALIFORNIA 92 TEL(619)299-3917 FAX(619)2	122
STRUCTUF	RAL: SUN STRUCTURAL ENGINEE 2091 LAS PALMAS DRIVE, SU CARLSBAD, CALIFORNIA 920 TEL(760)438-1188	JITE D
ME&P:	P2S 9665 CHESAPEAKE DRIVE, S SAN DIEGO, CALIFORNIA 92 TEL(619)618-2347 FAX(619)3	123
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	<b>235</b> P2S Enginee 9665 Chesapeake San Diego, CA 927 T 619.618.2347 F www.p2seng.com	Dr., Suite #230 123 <sup>-</sup> 619.330.066
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	RSE CALL PLAN	

PROJECT TITLE: TCMC EMERGENCY DEPARTMENT

SHEET NUMBER

PROJECT #: 01593.00 CHECKED BY

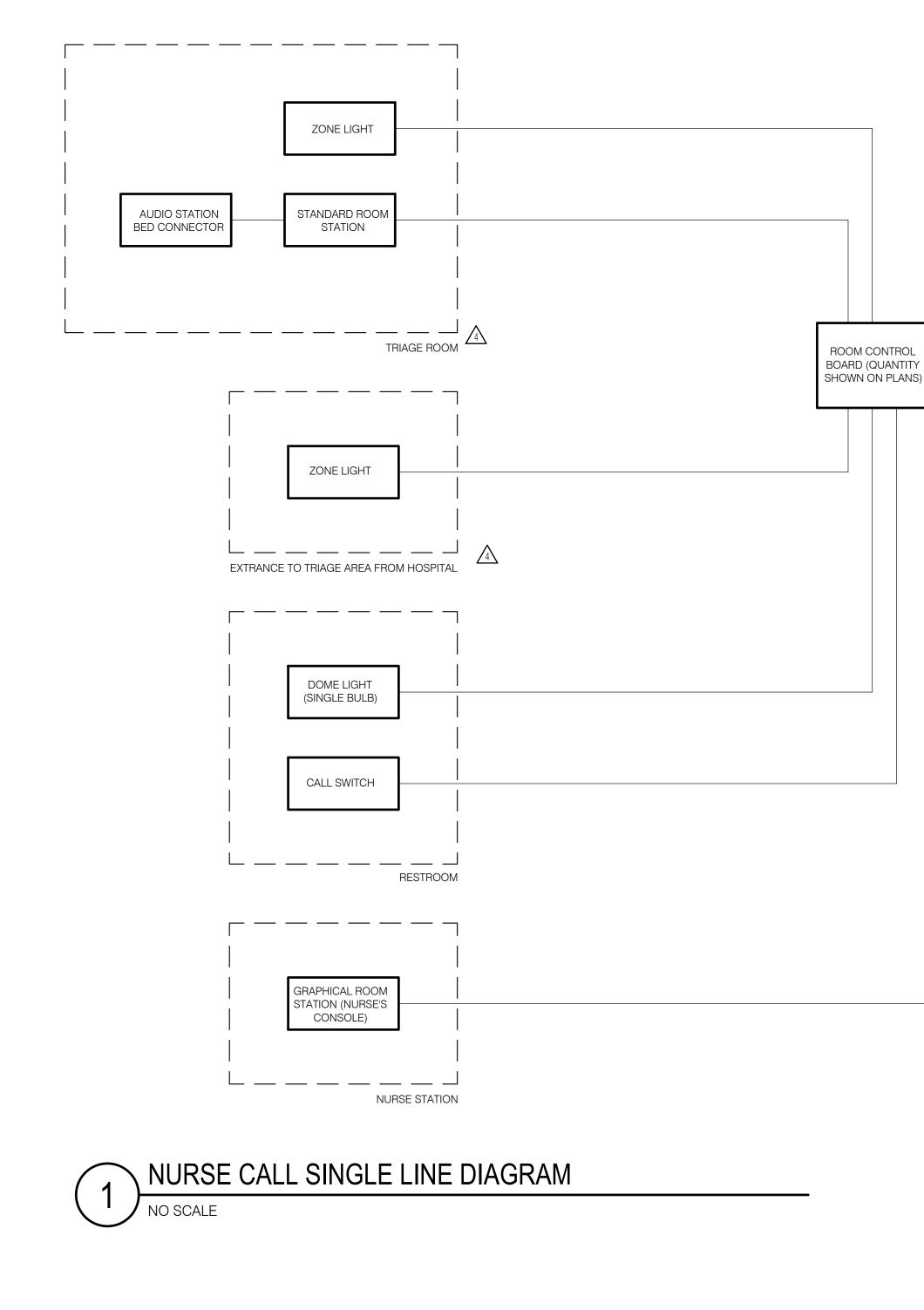
SCALE: As indicated

DATE: 08/03/16

NORTH

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





SWITCH LO	CALL POE OCATED IN LL CABINET

TO EXISTING IDF ROOM CATEGORY CABLE

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### SHEET NOTES

- 1. SEE NURSE CALL SPECIFICATIONS DIVISION 275223 FOR SYSTEM REQUIREMENTS.
- 2. REFER TO TITLE SHEET FOR NURSE CALL SYMBOLS, DESCRIPTIONS, AND BACKBOX REQUIREMENTS.



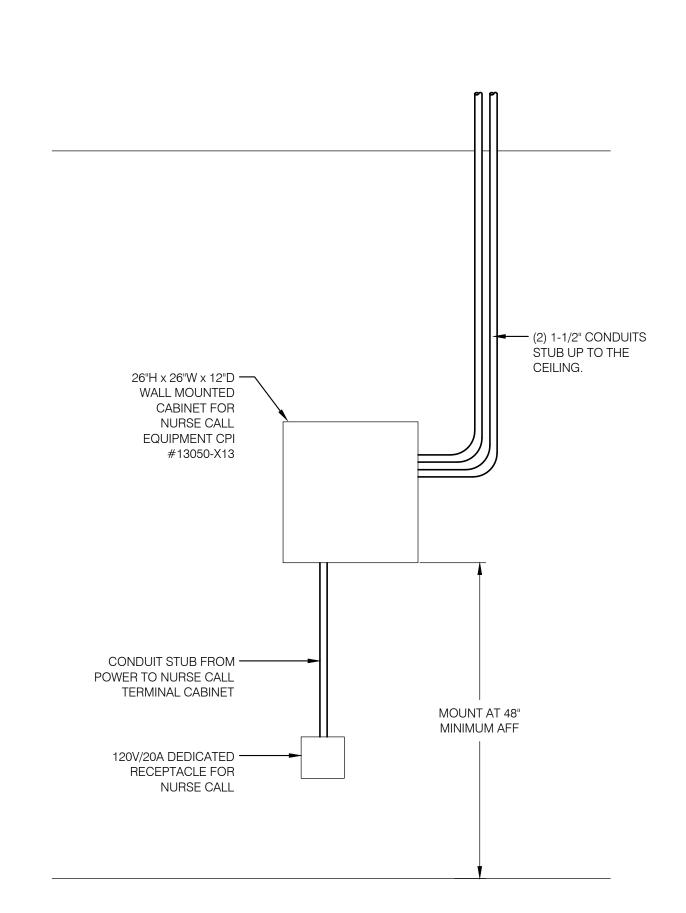
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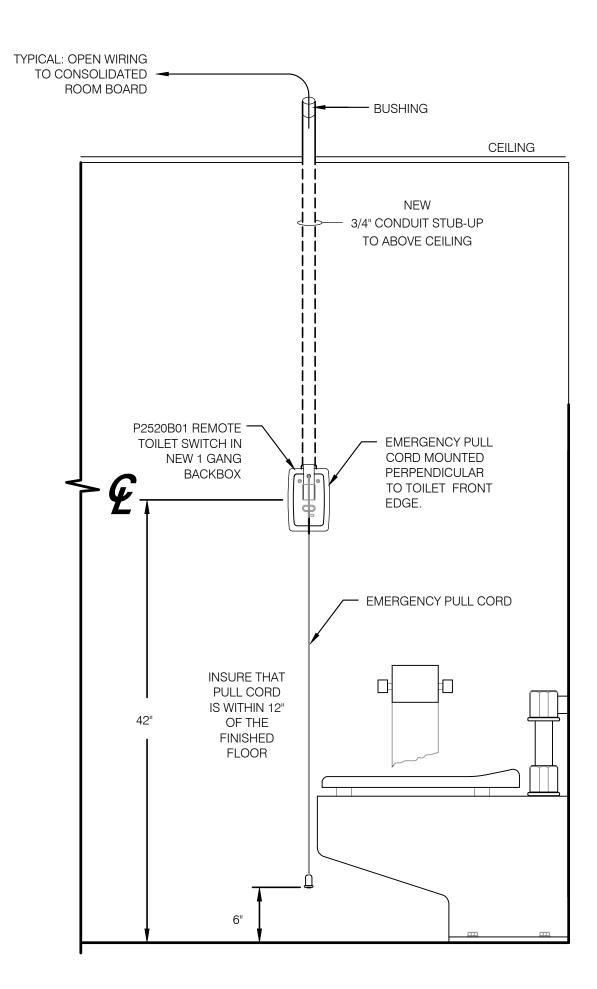
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	ARCHITECT:	SFEIR ARCHITECTS 5151 SHOREHAM PLACE, SUIT SAN DIEGO, CALIFORNIA 9212 TEL(619)299-3917 FAX(619)299	2
_	STRUCTURAL:	SUN STRUCTURAL ENGINEER 2091 LAS PALMAS DRIVE, SUIT CARLSBAD, CALIFORNIA 9201 TEL(760)438-1188	TE D
	ME&P:	P2S 9665 CHESAPEAKE DRIVE, SU SAN DIEGO, CALIFORNIA 9212 TEL(619)618-2347 FAX(619)33(	3
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	OSHPD #: S SHEET TITLE: NURSI DIAGR	<ul> <li>9665 Chesapeake D San Diego, CA 9212 T 619.618.2347 F 6 www.p2seng.com</li> <li>5162093-37-00</li> <li>E CALL</li> </ul>	r., Suite #230 3 519.330.0668
	OSHPD #: S SHEET TITLE: NURSI DIAGR	<ul> <li>9665 Chesapeake D San Diego, CA 9212 T 619.618.2347 F 6 www.p2seng.com</li> <li>MP:</li> <li>S162093-37-00</li> <li>E CALL RAMS</li> </ul>	r., Suite #230 3 519.330.0668
	OSHPD #: S SHEET TITLE: NURSI DIAGR PROJECT TITLE: TCMC EME PROJECT #: 01593.00 DRAWN BY:	SHEET NUMBER:	r., Suite #230 3 519.330.0668
	OSHPD #: S SHEET TITLE: NURSI DIAGR	SHEET NUMBER:	r., Suite #230 3 519.330.0668
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# TCMC EMERGENCY DEPARTMENT

# TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056

OWNER:	TRI-CITY MED		
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	SAN DIEGO, C	ALIFORNIA 92122 917 FAX(619)299	2
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