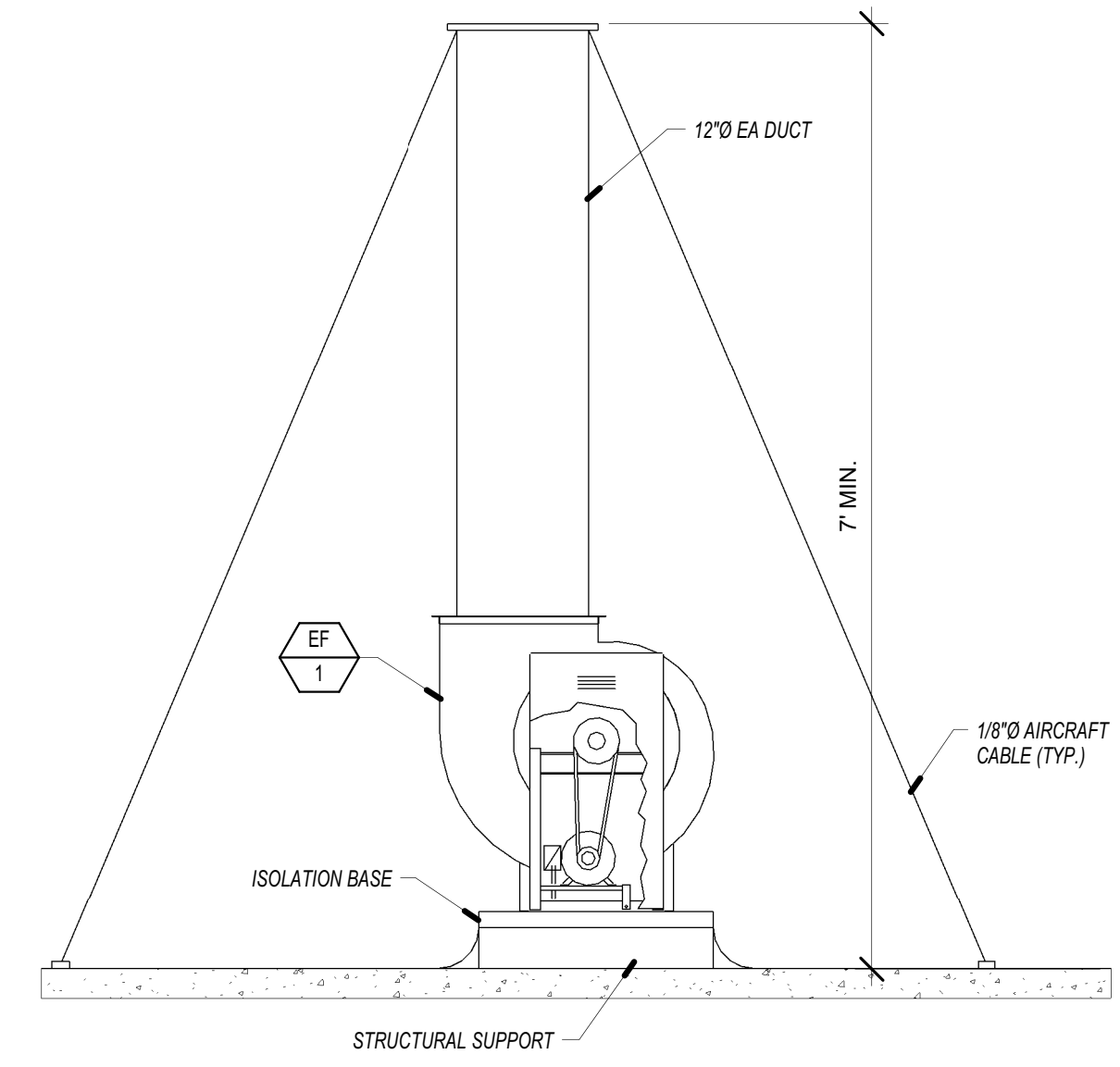
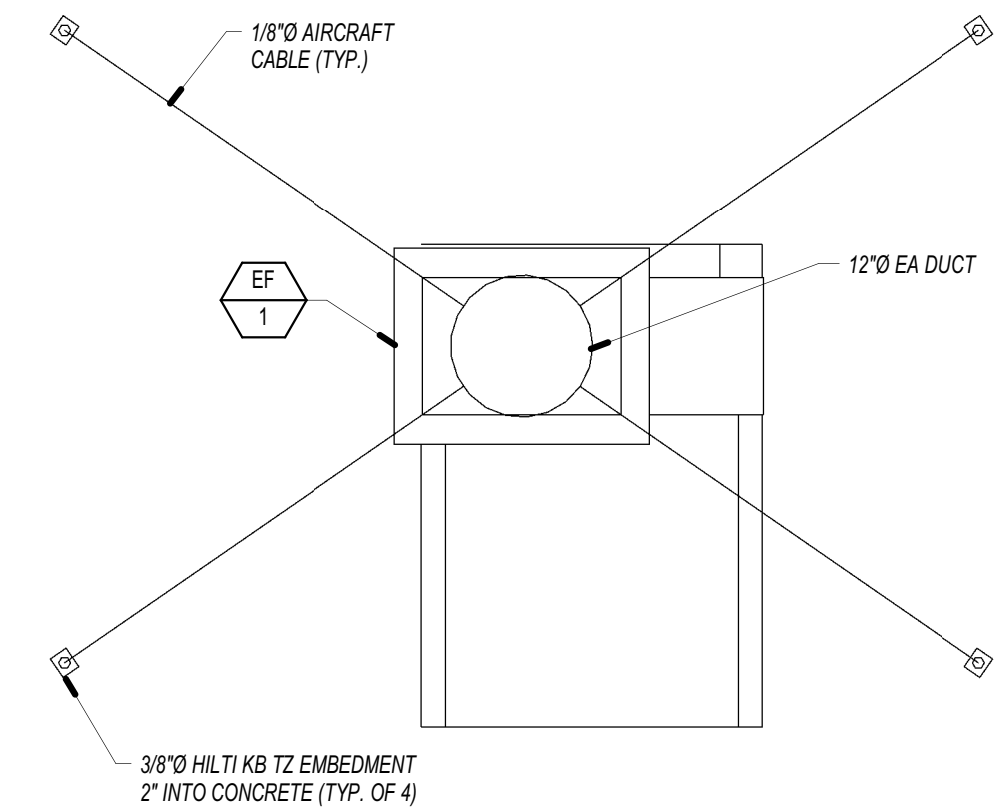


SECTION AT MECHANICAL CLOSET

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ELEVATION VIEW

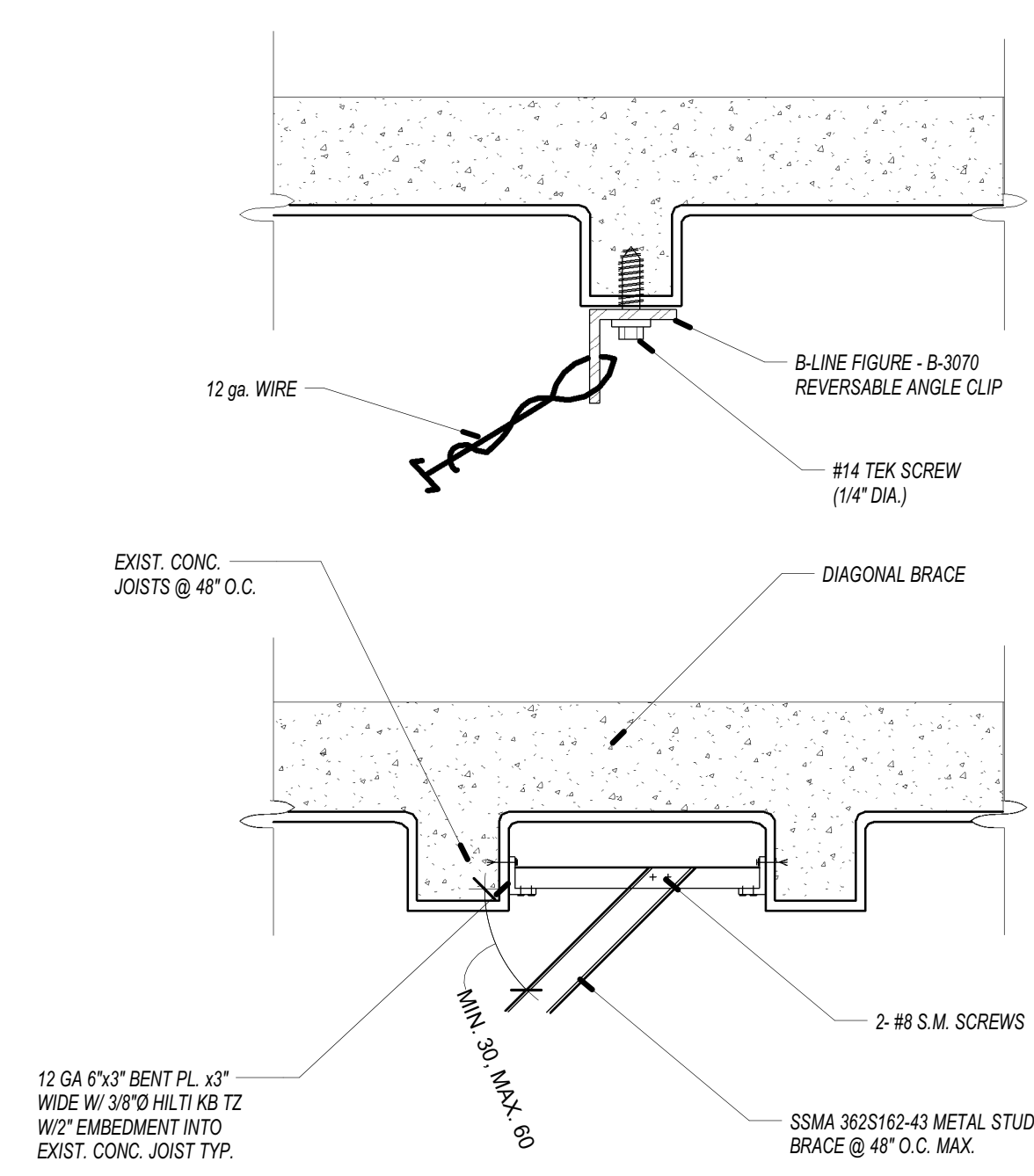


PLAN VIEW

NOTE:
SEE STRUCTURAL PLAN PAGE
SD2 FOR ADDITIONAL
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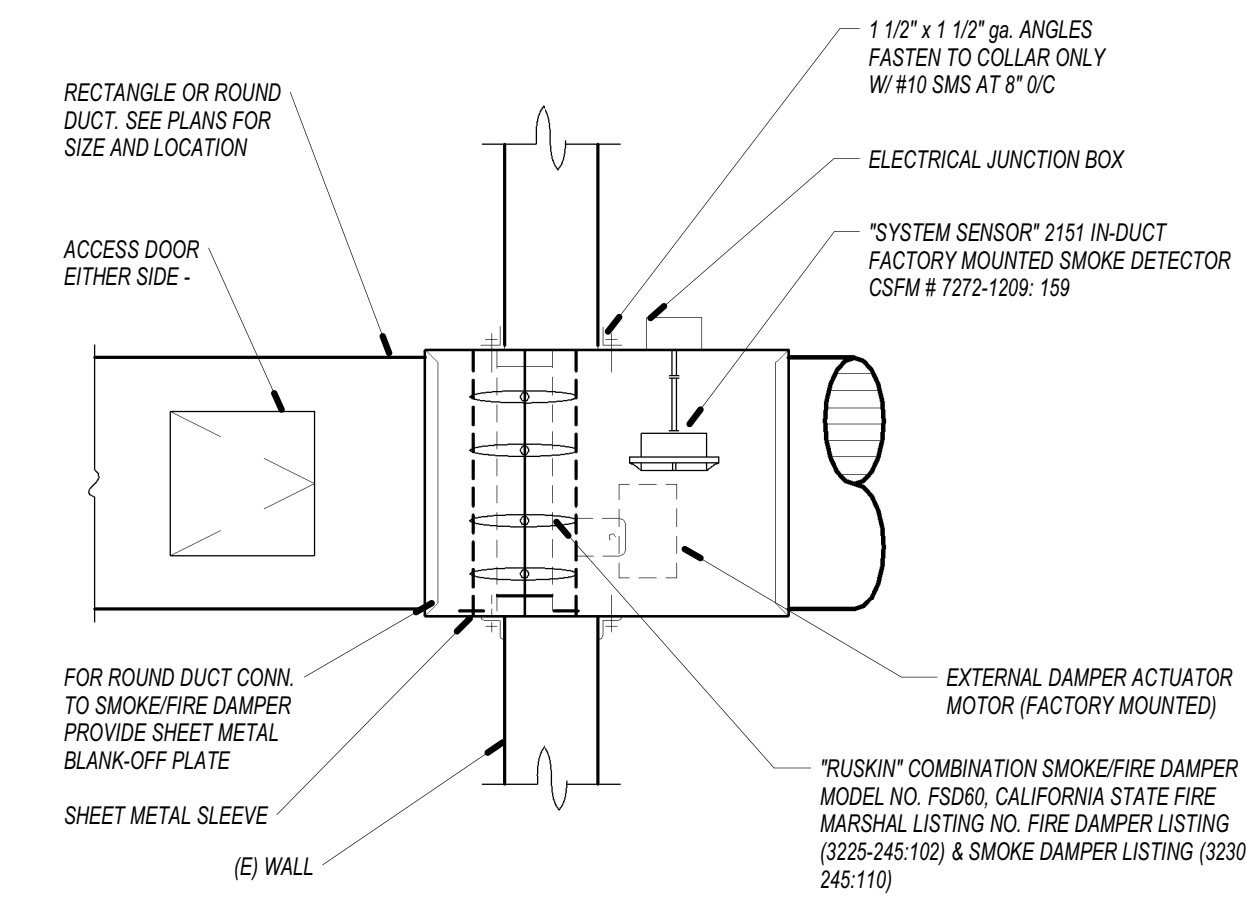
EXHAUST FAN ANCHORAGE DETAIL

4



CONNECTION TO STRUC. - METAL DECK

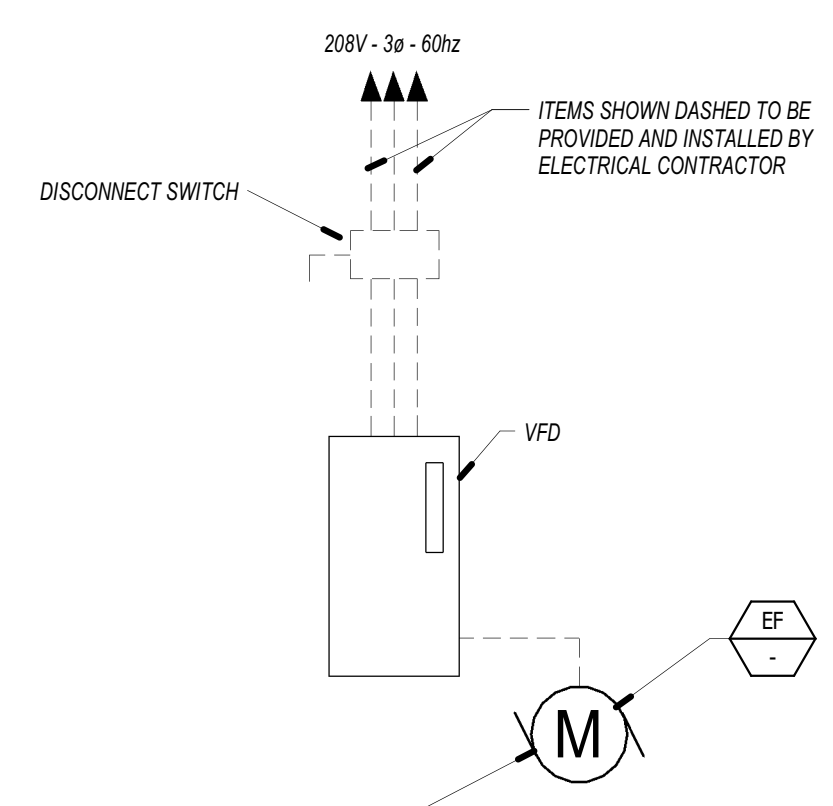
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SFM NOTES:
1. FIRE DAMPER DETAIL FOR REFERENCE ONLY.
2. FIRE DAMPER SHALL BE STATE FIRE MARSHAL APPROVED AND INSTALLED STRICTLY PER MANUFACTURER'S PRINTED INSTRUCTIONS.
3. MANUFACTURER'S INSTALLATION INSTRUCTIONS SHALL BE MADE AVAILABLE TO THE INSPECTION AUTHORITIES.
4. SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO INSTALLATION.
5. FIRE DAMPER SHALL CONFORM TO UBC CHAPTER 7.
6. FIRE DAMPER SHALL CONFORM TO NFPA 90A.
7. DUCT DETECTOR SHALL BE INSTALLED WITHIN 5 FEET OF THE DAMPER WITH NO AIR OUTLETS OR INLETS BETWEEN THE DETECTOR AND THE DAMPER.

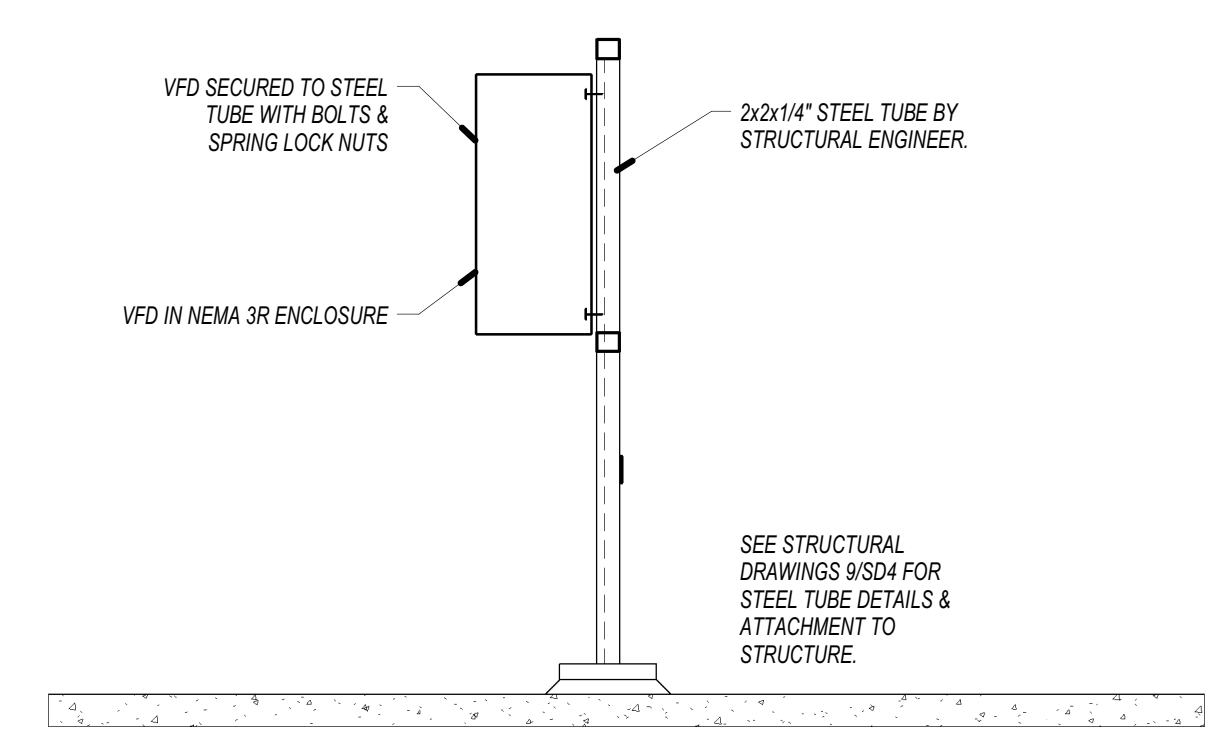
SMOKE FIRE DAMPER - WALL

7



EXHAUST FAN WIRING

5



VFD MOUNTING DETAIL

6

NOT USED

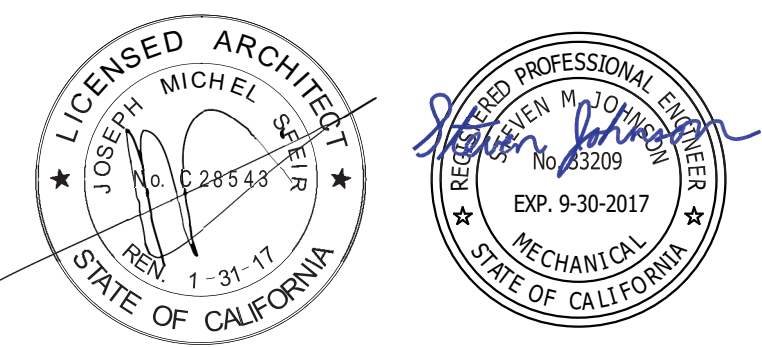
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TCMC SCHIFF
FAMILY NICU
RENOVATION

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
2091 LAS PALMAS DRIVE, SUITE D
CARLSBAD, CALIFORNIA 92011
TEL(760)438-1188
ME&P: DESIGN WEST ENGINEERING
5151 SHOREHAM PLACE, SUITE 240
SAN DIEGO, CALIFORNIA 92122
TEL(619)330-6043



OSHPD COMMENTS	03.25.16
OSHPD COMMENTS	09.01.16
DESIGN CHANGES	09.01.16
OSHPD COMMENTS	12.22.16
OSHPD COMMENTS	02.22.17
DESIGN CHANGES	4.14.2017
REV: DESCRIPTION:	DATE:

CONSULTANT

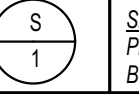
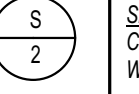
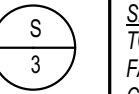
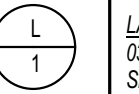
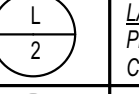
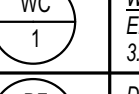
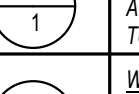


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OSHPD: # S152913-37-00

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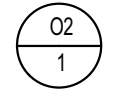
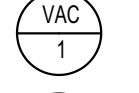

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PROJECT #: 01549.00
DRAWN BY: Author
CHECKED BY: Checker
SCALE: As indicated
DATE: 11/13/15
SHEET NUMBER:
M3.1
15-340

PRINTED: 4/26/2017 2:03:26 PM
PATH: R:\PROJECT\201515-340 TCMC NICU Renovation\ REVIT\2015\NICU15-340 NICU REN. MP. CENTRAL.rvt

PLUMBING FIXTURE SCHEDULE

SYMBOL	SPECIFICATIONS *NO SUBSTITUTIONS WITHOUT ARCHITECTS APPROVAL	CONNECTION SIZE:				
		WASTE	TRAP	VENT	CW RISER	HW RISER
	SINK: CHICAGO 116.594 AB.1 BATTERY POWERED SENSOR FAUCET. PROVIDE WITH STRAINER & P-TRAP. SINK INTEGRAL WITH COUNTERTOP BY ARCHITECT	2"	1-1/2"	1-1/2"	1/2"	1/2"
	SINK: ELKAY ELV2219SACQ WALL-MOUNTED STAINLESS STEEL SINK. CHICAGO 116.594 AB.1 BATTERY POWERED SENSOR FAUCET. PROVIDE WITH STRAINER & P-TRAP. SINK INTEGRAL WITH COUNTERTOP BY ARCHITECT	2"	1-1/2"	1-1/2"	1/2"	1/2"
	SINK: ELKAY LRAD202260-CU LUSTERTONE ANTIMICROBIAL SINGLE BOWL TOP MOUNT SINK. CHICAGO 116.594 AB.1 BATTERY POWERED SENSOR FAUCET. PROVIDE WITH STRAINER & P-TRAP. SINK INTEGRAL WITH COUNTERTOP BY ARCHITECT					
	LAVATORY: AMERICAN STANDARD "LUCERNE" WALL HUNG LAVATORY 0356.015 WITH CHICAGO FAUCET 116.594 AB.1 BATTERY POWERED SENSOR FAUCET. CHICAGO OFFSET GRID STRAINER.	2"	1-1/2"	1-1/2"	1/2"	1/2"
	LAVATORY: CHICAGO 116.594 AB.1 BATTERY POWERED SENSOR FAUCET. PROVIDE WITH STRAINER & P-TRAP. LAVATORY INTEGRAL WITH COUNTERTOP BY ARCHITECT	2"	1-1/2"	1-1/2"	1/2"	1/2"
	WATER CLOSET: AMERICAN STANDARD AFWALL, 1.28 GP, WHITE ELONGATED, CHURCH #295SSC, SLOAN ROYAL 110 TOILET FLUSHOMETER 3.5 GAL. BY ARCHITECT	3"	INT.	2"	1"	-
	DRINKING FOUNTAIN: ELKAY EDPF117TRAC WALL MOUNT, BARRIER-FREE ACCESS DRINKING FOUNTAIN. 16 GA. S/S POLISH SATIN FINISH. 16 GA. TUBULAR STEEL SUPPORT ARMS.					
	WATER HAMMER ARRESTOR: MIFAB, INC. MODEL "MMH" (SEE PLANS FOR SIZE). INSTALLED ON ALL QUICK CLOSING VALVES AND ALL VALVES WHICH CLOSE WITH THE FLOW OF FLUID, OR ON HEADERS SERVING MORE THAN ONE FIXTURE. PROVIDED WITH A 12"x 12" ACCESS PANEL.	-	-	-	-	-
	WASH MACHINE BOX: OATEY 39957, 1/4 TURN VALVES WITH WATER HAMMER ARRESTORS & VACUUM BREAKERS.	2"	2"	1-1/2"	1/2"	1/2"

MED. GAS FIXTURE SCHEDULE

	OXYGEN	HILLROM	1/2"
	VACCUUM 20" HIGH	HILLROM	1"
	MEDICAL AIR	HILLROM	1/2"

PLUMBING PIPE INSULATION SCHEDULE

FLUID TEMPERATURE RANGE (°F)	CONDUCTIVITY RANGE (in Btu-in/hr per sqft °F)	INSULATION MEAN RATING TEMPERATURE (°F)	PIPE SIZE (IN. DIA.)				
			< 1	1 to < 1.5	1.5 to < 4	4 to < 8	8 and larger
			REQUIRED INSULATION THICKNESS (IN.)				
Space Heating, Hot Water systems (steam, steam condensate and hot water) and Service Water Heating systems							
201° - 250°	0.27 - 0.30	150°	2.5	2.5	2.5	3.0	3.0
141° - 200°	0.25 - 0.29	125°	1.5	1.5	2.0	2.0	2.0
105° - 140°	0.22 - 0.28	100°	1.0	1.5	1.5	1.5	1.5
Space cooling systems (chilled water, refrigerant and brine)							
40° - 60°	0.21 - 0.27	75°	0.5	0.5	1.0	1.0	1.0
BELOW 40°	0.20 - 0.26	50°	1.0	1.5	1.5	1.5	1.5

NOTE: WHERE INSULATED PIPING IS EXPOSED OUTDOORS, IT SHALL BE COVERED. COVER OUTDOOR EXPOSED INSULATED PIPING WITH 0.016 INCH THICK CORRUGATED ALUMINUM JACKET. ALL VALVES SHALL BE PROVIDED WITH VALVE EXTENSIONS.

PIPE MATERIAL SCHEDULE

SERVICE	PIPE MATERIAL & WEIGHT	TYPE OF JOINTS	PRESSURE FITTINGS MATERIAL	SHUT-OFF RATINGS PSI - SWP	VALVE
COLD WATER ABV. GROUND	COPPER L TUBE	SOLDERED	CAST BRONZE/ WROUGHT COPPER	125	BALL GATE CHECK
COLD WATER BELOW GROUND TO 5' OUTSIDE BUILDING	COPPER K TUBE	BRAZED	CAST BRONZE/ WROUGHT COPPER	125	BALL GATE
COLD WATER BELOW GROUND BEYOND 5'-0"	SCHEDULE 80 PVC	SOLVENT-WELD	PVC	125	GATE
HOT WATER ABV. GROUND	COPPER L TUBE	SOLDERED	CAST BRONZE/ WROUGHT COPPER	125	BALL CHECK
FUEL GAS	STEEL 40, BLACK STEEL 40, BLACK POLYETHYLENE PIPING STAINLESS STEEL TUBING	SCREWED WELDED PER MANF.	MALL. IRON STEEL WELD STAINLESS STEEL TUBING	150 150 PER MANF.	SQR. HEAD COCK PER MANF.
VENT	NO-HUB CAST IRON	NO-HUB	N/A	N/A	N/A
WASTEM SOIL & ROOF DRAINS ABOVE GROUND	NO-HUB CAST IRON	NO-HUB	N/A	N/A	N/A
WASTEM SOIL & ROOF DRAINS BELOW GROUND	NO-HUB CAST IRON	NO-HUB	N/A	N/A	N/A
CONDENSATE	COPPER M TUBE	SOLDERED	BRONZE	125	N/A
MEDICAL GAS AND AIR SYSTEMS	COPPER K TUBE	BRAZED	CAST BRONZE/ WROUGHT COPPER	125	BALL

NOTE: ALL EXPOSED FUEL GAS PIPING SHALL BE PRIME AND PAINTED. COORDINATE COLOR WITH ARCHITECT.

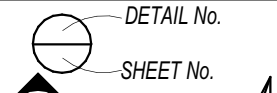
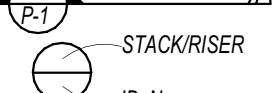
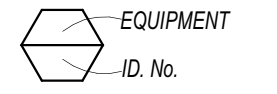
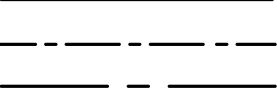
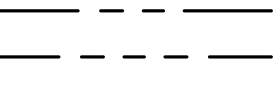
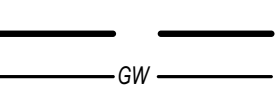
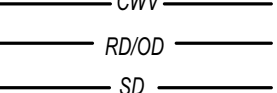
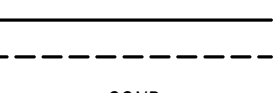

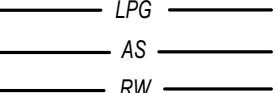
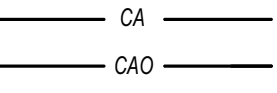
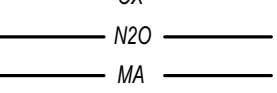
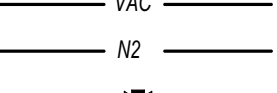
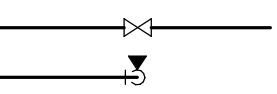
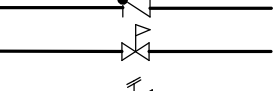
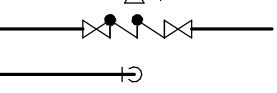
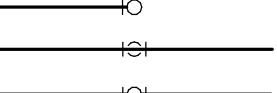
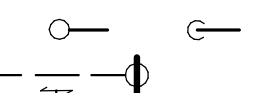
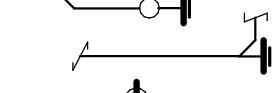
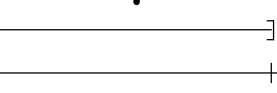
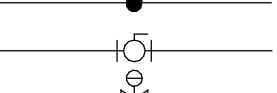
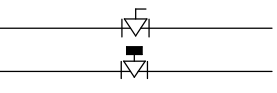







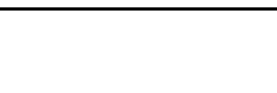
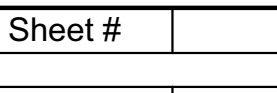
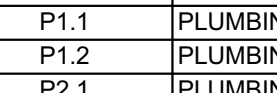
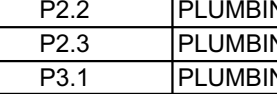




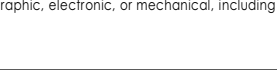
GENERAL NOTES

- THE TOTAL INSTALLATION SHALL COMPLY WITH ANY AND ALL REQUIREMENTS OF THE LEGALLY CONSTITUTED AUTHORITIES HAVING JURISDICTION INCLUDING 2013 CBC (CALIFORNIA BUILDING CODE) AND 2013 CM/CPC (CALIFORNIA MECHANICAL AND PLUMBING CODE).
- THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BID AND SHALL THOROUGHLY FAMILIARIZE HIMSELF WITH THE EXISTING CONDITIONS UNDER WHICH HE WILL BE REQUIRED TO WORK.
- ALL INDICATED DIMENSIONS ARE APPROXIMATE AND ARE GIVEN FOR ESTIMATE PURPOSES ONLY. BEFORE PROCEEDING WITH THE WORK THIS CONTRACTOR SHALL CAREFULLY CHECK AND VERIFY ALL DIMENSIONS, SIZES, REQUIRED CLEARANCES AND SHALL ASSUME FULL RESPONSIBILITY FOR THE FITTING OF ALL EQUIPMENT AND MATERIALS HEREIN REQUIRED TO OTHER PARTS OF THE WORK OF OTHER TRADES.
- THE DRAWINGS ARE ESSENTIALLY DIAGRAMMATIC TO THE EXTENT THAT ALL OFFSETS, BENDS, SPECIAL FITTINGS AND LOCATIONS ARE NOT EXACTLY LOCATED.
- IN THE PREPARATION OF THESE DOCUMENTS, CERTAIN ASSUMPTIONS ARE MADE REGARDING EXISTING CONDITIONS. SOME OF THESE ASSUMPTIONS MAY NOT BE VERIFIABLE WITHOUT EXPENDING ADDITIONAL SUMS OF MONEY OR DESTROYING OTHERWISE ADEQUATE OR SERVICEABLE PORTIONS OF EXISTING BUILDINGS AND/OR EQUIPMENT. THEREFORE, THE ENGINEER SHALL NOT BE HELD RESPONSIBLE FOR ANY CHANGES OR ADDITIONAL COSTS INCURRED DUE TO EXISTING CONDITIONS.
- ITEMS RELATED TO PLUMBING UTILITIES AND/OR OTHER SERVICE(S); MATERIALS, LABOR, PERMITS, FEES, ETC., SHALL BE VERIFIED WITH THE RESPECTIVE SERVING UTILITY COMPANY PRIOR TO SUBMISSION OF A BID. THE ACT OF SUBMITTING A BID SHALL CONSTITUTE FULL RESPONSIBILITY OF THE CONTRACTOR TO INSTALL SERVICE(S) IN COMPLIANCE WITH THE REQUIREMENTS OF THE SERVING UTILITY COMPANY AND THE MECHANICAL ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CHARGES LEVIED BY THE SERVING UTILITY COMPANY EXCEPTING THE FIRST BILLING DEPOSIT.
- THE CONTRACTOR SHALL COMPLY WITH ALL CONTRACT DOCUMENTS IN LAYING OUT HIS WORK AND EQUIPMENT. HE SHALL COORDINATE THE WORK OF THIS SECTION WITH THE WORK OF OTHER TRADES AND ALL JOB CONDITIONS.
- THE INSTALLATION OF ACCESS PANELS OR OTHER INDICATING EQUIPMENT OR SPECIALTIES REQUIRING READING, ADJUSTMENT, INSPECTION, REPAIRS, REMOVAL OR REPLACEMENT SHALL BE CONVENIENTLY LOCATED WITH REFERENCE TO THE FINISHED BUILDING.
- ALL EQUIPMENT AND FIXTURES INSTALLED UNDER THIS CONTRACT SHALL BE HUNG OR ANCHORED IN ACCORDANCE WITH CBC 1613A.1
- THE INTENT OF THE DRAWINGS AND SPECIFICATIONS IS TO CONSTRUCT THE PROJECT IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS.
- WHERE MATERIAL IS SHOWN ON THE DRAWINGS BUT NOT SPECIFIED, IT SHALL BE OF THE SAME TYPE AND QUALITY AS EXISTING MATERIAL.
- THE FIRE PROTECTION CONTRACTOR SHALL PROVIDE ALL REQUIRED HYDRAULIC CALCULATIONS AND FIRE SPRINKLER HEAD LOCATION IN ACCORDANCE WITH NFPA 13 TO THE LOCAL FIRE DEPARTMENT FOR REVIEW AND APPROVAL OF THE FIRE PROTECTION SYSTEM.
- TEST SYSTEM(S) IN ACCORDANCE WITH REQUIREMENTS OF THE GOVERNING AUTHORITIES.
- ALL CLEANOUTS SHALL BE INSTALLED WHERE READILY ACCESSIBLE AND LOCATED AS PER CODE REQUIREMENTS THE CONTRACTOR SHALL COORDINATE ALL CLEANOUT LOCATIONS WITH EQUIPMENT CABINETS, ETC. AND THE ARCHITECT PRIOR TO ANY INSTALLATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING AND REPAIRING ALL PAVED AREAS WHICH ARE EXCAVATED AND/OR DAMAGED BY HIS OPERATIONS. IN ADDITION, THE CONTRACTOR SHALL RESTORE TO THEIR ORIGINAL CONDITION ALL PLANTED AREAS DAMAGED BY HIS OPERATIONS.
- ALL CONNECTIONS TO EXISTING SERVICES SHALL BE MADE SUCH THAT INTERRUPTION TIME WILL BE AS SHORT AS POSSIBLE. THE CONTRACTOR SHALL GIVE THE OWNERS REPRESENTATIVE SUFFICIENT NOTICE OF SUCH INTERRUPTIONS AND THE ACTUAL SHUT-DOWN TIME SHALL BE AT A TIME DESIGNATED BY THE OWNERS REPRESENTATIVE.
- ALL EXTERIOR WATER SHUT-OFF VALVES BELOW GROUND SHALL BE INSTALLED IN YARD BOXES WITH COVERS CONSPICUOUSLY MARKED "WATER SHUT-OFF" RESPECTIVELY.
- WHEN REQUIRED BY THE AUTHORITY HAVING JURISDICTION, POTABLE WATER SYSTEMS SHALL BE DISINFECTED AND FLUSHED PRIOR TO USE BY WATER-CHLORINATION SOLUTION AND HAVE BACTERIOLOGICAL EXAMINATION MADE BY AN APPROVED AGENCY PER 2010 CPC SEC. 609.9.
- PLUMBING PIPE, FITTINGS AND FIXTURES USED TO CONVEY OR DISPENSE WATER FOR HUMAN CONSUMPTION SHALL COMPLY WITH AB 1953.
- ANY SUBSTITUTION MADE BY THE CONTRACTOR THAT IS DIFFERENT FROM WHAT IS SPECIFIED ON THE DRAWINGS SHALL BE CLEARLY INDICATED ON THE SUBMITTAL AS TO ALL THAT IS BEING SUBSTITUTED.

PIPING SUPPORT NOTES

- SUPPORT AND BRACING FOR NEW PIPING EXCEPT FIRE SPRINKLER PIPING SHALL BE PROVIDED PER OPM-0043-13 MASON SEISMIC RESTRAINT COMPONENTS FOR SUSPENDED UTILITIES OR OTHER APPROVED OSHPD OPM.
- LAYOUT DRAWINGS, SHOWING THE BRACING/SUPPORT LOCATIONS AND REFERENCES TO DETAILS FROM THE RELEVANT OSHPD PRE-APPROVALS NEED TO BE SUBMITTED FOR USE BY THE INSPECTOR OF RECORD AND OSHPD FIELD STAFF. THE LAYOUT DRAWINGS, PREPARED PER ASCE 7 CHAPTER 13 AS MODIFIED BY 2013 CBC SECTIONS 1613A/1616A, SHALL BE PREPARED BY THE SUBCONTRACTOR AND SIGNED BY A STRUCTURAL ENGINEER LICENSED IN THE STATE OF CALIFORNIA. REFERENCES TO DETAILS FROM THE OSHPD PRE-APPROVAL SHALL BE FOR AN ENTIRE DETAIL AS SUBMITTED OR REFERENCE SHALL BE FOR EACH ASPECT OF A SUBMITTED DETAIL. CUSTOM DETAILS SHALL BE PROVIDED FOR SITUATIONS WHERE OSHPD PRE-APPROVALS DO NOT APPLY. AT LEAST FOUR WEEKS PRIOR TO BEGINNING INSTALLATION, FOUR COPIES OF THE PLANS SHALL BE SUBMITTED TO THE ARCHITECT OF RECORD WHO WILL SUBMIT THEM TO THE STRUCTURAL ENGINEER OF RECORD FOR REVIEW AND APPROVAL. AFTER THIS APPROVAL, THE DRAWINGS WILL BE SUBMITTED TO THE OSHPD DISTRICT STRUCTURAL ENGINEER FOR REVIEW AND APPROVAL. THE PLANS SHALL BE COORDINATED WITH THE PLANS OF OTHER TRADES. A COPY OF THE CHOSEN BRACING SYSTEM INSTALLATION GUIDEMANUAL SHALL BE ON THE JOBSITE PRIOR TO STARTING THE INSTALLATION.
 - THE STRUCTURAL ENGINEER FOR THE CONTRACTOR SHALL DETERMINE THE APPROPRIATE SEISMIC FORCES BASED ON THE DESIGN CRITERIA SHOWN ON THE STRUCTURAL DRAWINGS.
 - ONCE THE EXACT LOCATIONS OF ALL PIPING HAVE BEEN ESTABLISHED, THE STRUCTURAL ENGINEER MUST CHECK THE ADEQUACY OF THE SUPPORTING STRUCTURE TO ENSURE THAT THE ORIGINAL DESIGN IS STILL ADEQUATE. THE INSPECTOR OF RECORD SHALL INSURE THAT ALL WORK IS PROPERLY INSTALLED PER THE APPLICABLE OSHPD PRE-APPROVAL.
 - WORK EXEMPT FROM CONSTRUCTION DOCUMENTS REVIEW BY THE CBC 2013 SECTION 105.2 OR ASCE 7 SECTION 13.1.4 NEED NOT BE DETAILED ON THE CONSTRUCTION DOCUMENTS. EXEMPTIONS FROM CONSTRUCTION DOCUMENTS REVIEW REQUIREMENTS OF THE CODE SHALL NOT BE DEEMED TO GRANT AUTHORIZATION FOR ANY WORK TO BE DONE IN ANY MANNER IN VIOLATION OF THE PROVISIONS OF THIS CODE OR ANY OTHER LAWS OR ORDINANCES OF THIS JURISDICTION. THE INSPECTOR OF RECORD (IOR) SHALL ASSURE THAT THE ABOVE REQUIREMENTS ARE ENFORCED.
 - THE INTENT OF THE CONSTRUCTION DOCUMENTS IS TO RECONSTRUCT THE BUILDING IN ACCORDANCE WITH THE CBCS 2013. SHOULD ANY CONDITION DEVELOP NOT COVERED BY THE CONSTRUCTION DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH THE CBCS 2013, A CHANGE ORDER DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY OSHPD BEFORE PROCEEDING WITH THE WORK.

PLUMBING LEGEND AND SYMBOLS

SYMBOL	ABBREV.	DESCRIPTION
		DETAIL REFERENCE
		SECTION REFERENCE
		PLUMBING STACK OR RISER REFERENCE
		EQUIPMENT REFERENCE
		
		
	FW	FILTERED WATER
	SCW	SOFTENED / CONDITIONED COLD WATER
	CW	COLD WATER
	HW	HOT WATER
	HWR	HOT WATER RETURN
	S or W	SOIL or WASTE BELOW GRADE (or FLOOR)
	GW	GREASE WASTE BELOW GRADE (or FLOOR)
	CWV	COMBINATION WASTE AND VENT
	RD/OD	ROOF & OVERFLOW DRAIN ABOVE & BELOW GRADE (or FLOOR)
	SD	STORM DRAIN
	S or W	SOIL or WASTE ABOVE GRADE (or FLOOR)
	V	PLUMBING VENT
	COND	CONDENSATE DRAIN
	G	GAS LOW PRESSURE
	MPG	GAS MEDIUM PRESSURE
	LPG	LIQUID PROPANE GAS
	AS	AUTOMATIC FIRE SPRINKLER
	RW	RECLAIM WATER
	CA	COMPRESSED AIR
	CAO	COMPRESSED AIR OUTLET
	OX	OXYGEN
	N2O	NITROUS OXIDE
	MA	MEDICAL AIR
	VAC	VACUUM
	N2	NITROGEN
	CS	CIRCUIT SETTER
	SOV	SHUT OFF VALVE
	SOV or GC	SHUT OFF VALVE OR GAS COCK ON RISER
	CV	SWING CHECK VALVE
	PRV	PRESSURE REDUCING VALVE
	PTR	PRESSURE-TEMPERATURE RELIEF VALVE
	RPBFP	REDUCED PRESSURE BACKFLOW PREVENTER
	DN	PIPE DOWN
	UP	PIPE UP
	DN	TEE DOWN
	UP	TEE UP
	DN	PIPE RISER & PIPE DROP (UP AND DOWN)
	FCO	FLOOR CLEANOUT
	WCO	WALL CLEANOUT
	CO	CLEANOUT PLUG
	COTG	YARD CLEANOUT or CLEANOUT TO GRADE
	HB	CAP ON END OF PIPE
	WHA & TP	HOSE BIBB WITH VACUUM BREAKER
	BV	WATER HAMMER ARRESTOR & TRAP PRIMER
	GR	BALL VALVE
	GC	GAS REGULATOR
	GS	GAS COCK (or GAS STOP)
	P.O.C	GAS SOLENOID
	P.O.D	POINT OF CONNECTION
	A.P	POINT OF DEMOLITION
	ABV	ACCESS PANEL
	BEL	ABOVE
	A.G.A	BELOW
	CONN	AMERICAN GAS ASSOCIATION
	CONT	CONNECTION
	(E)	CONTINUATION
	(N)	EXISTING
	DN	NEW
	H.C	DOWN
	IE	HANDICAPPED
	(TYP)	INVERT ELEVATION
	U.O.N	TYPICAL
	VTR	UNLESS OTHERWISE NOTED
	W	VENT THROUGH ROOF
	FU	WITH
	SEC COND	PLUMBING FIXTURE UNIT
		SECONDARY CONDENSATE

PLUMBING SHEET INDEX

Sheet #	Sheet Name
P0.1	PLUMBING LEGEND, NOTES & SCHEDULES
P1.1	PLUMBING DEMOLITION PLAN
P1.2	PLUMBING FIRST FLOOR DEMOLITION PLAN
P2.1	PLUMBING FLOOR PLAN - DOMESTIC COLD & HOT WATER
P2.2	PLUMBING FLOOR PLAN - WASTE & VENT
P2.3	PLUMBING FIRST FLOOR PLAN
P3.1	PLUMBING DETAILS

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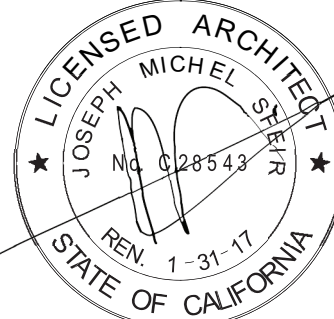
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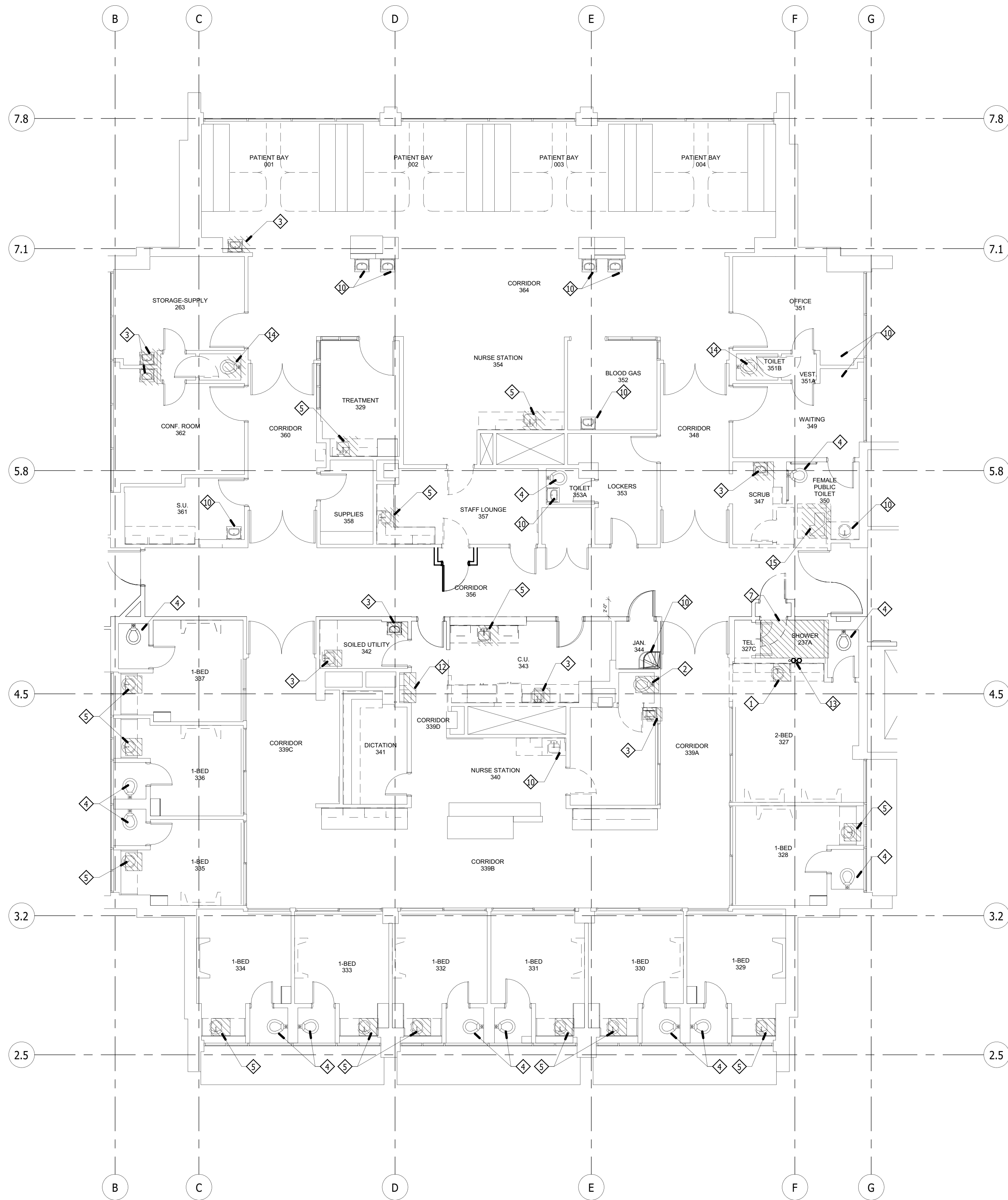
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PLUMBING LEGEND,
NOTES & SCHEDULES

PROJECT TITLE:
TCMC SCHIFF FAMILY NICU RENOVATION

PROJECT #: 01549.00
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SCALE: 1: 1
DATE: 11/13/15

SHEET NUMBER:
P0.1



GENERAL NOTES

1. ALL PIPE DEMOLITION IS TO BE TAKEN BACK BEHIND (OR BELOW) ITS RESPECTIVE SURFACE, I.E. WALL, CEILING, FLOOR, ETC. & CAPPED SO AS TO ALLOW A SEAMLESS PATCH OF THE FINISH MATERIAL.

DEMOLITION NOTES

1. EXISTING SINK TO BE REMOVED. CAP HW, CW & VENT PIPING ABOVE CEILING. CAP WASTE BELOW FINISH SLAB. PATCH TO MATCH NEW CONSTRUCTION.
2. EXISTING WATER CLOSET TO BE REMOVED. CAP EXISTING WATER IN WALL & CAP EXISTING WASTE BELOW SLAB. PATCH TO MATCH NEW CONSTRUCTION.
3. EXISTING SINK TO BE REMOVED. CAP EXISTING UTILITIES IN WALL & PATCH WALL TO MATCH NEW CONSTRUCTION.
4. EXISTING WATER CLOSET TO REMAIN.
5. EXISTING LAVATORY TO BE REMOVED. TEMPORARILY CAP (E) UTILITIES FOR CONNECTION TO NEW LAVATORY.
6. EXISTING SINK TO REMAIN.
7. EXISTING SHOWER TO BE REMOVED. REMOVE MIXING VALVE & SHOWER HEAD. REMOVE EXISTING FLOOR DRAIN & CAP WASTE LINE BELOW SLAB. PATCH WALL & FLOOR TO MATCH NEW CONSTRUCTION.
8. EXISTING SHOWER TO REMAIN.
9. EXISTING SINK TO BE REMOVED. CAP (E) UTILITIES FOR CONNECTION TO NEW LAVATORY.
10. EXISTING SINK TO REMAIN.
11. NOT USED
12. EXISTING DRINKING FOUNTAIN TO BE REMOVED. CAP EXISTING CW, WASTE & VENT IN WALL. PROVIDE CLEAR & OPERABLE AREA TO TIE IN NEW SINK.
13. (E) EXISTING 4" WASTE RISERS TO BE RELOCATED INTO NEW WALL LOCATION.
14. (E) WATER CLOSET TO BE REMOVED. CAP WATER BEHIND WALL & PATCH. CAP WASTE LINE BELOW FLOOR & PATCH FLOOR TO MATCH NEW CONSTRUCTION.
15. (E) SHOWER TO BE REMOVED. REMOVE FAUCET & HEAD, & CAP WATER LINES IN WALL. REMOVE FLOOR DRAIN & PATCH FLOOR.

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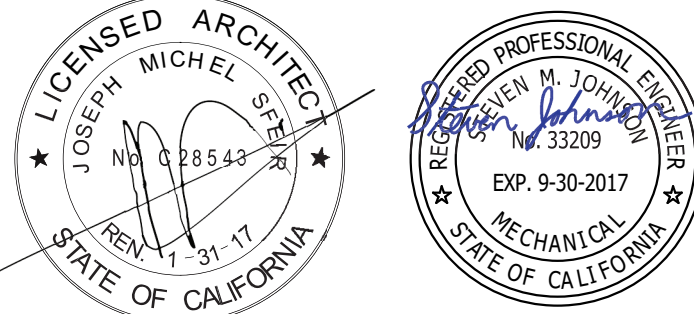
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PLUMBING DEMOLITION
PLAN

PROJECT TITLE:
TCMC SCHIFF FAMILY NICU RENOVATION

PROJECT #: 01549.00
DRAWN BY: Author
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SCALE: 1/8" = 1'-0"
DATE: 11/13/15

P1.1

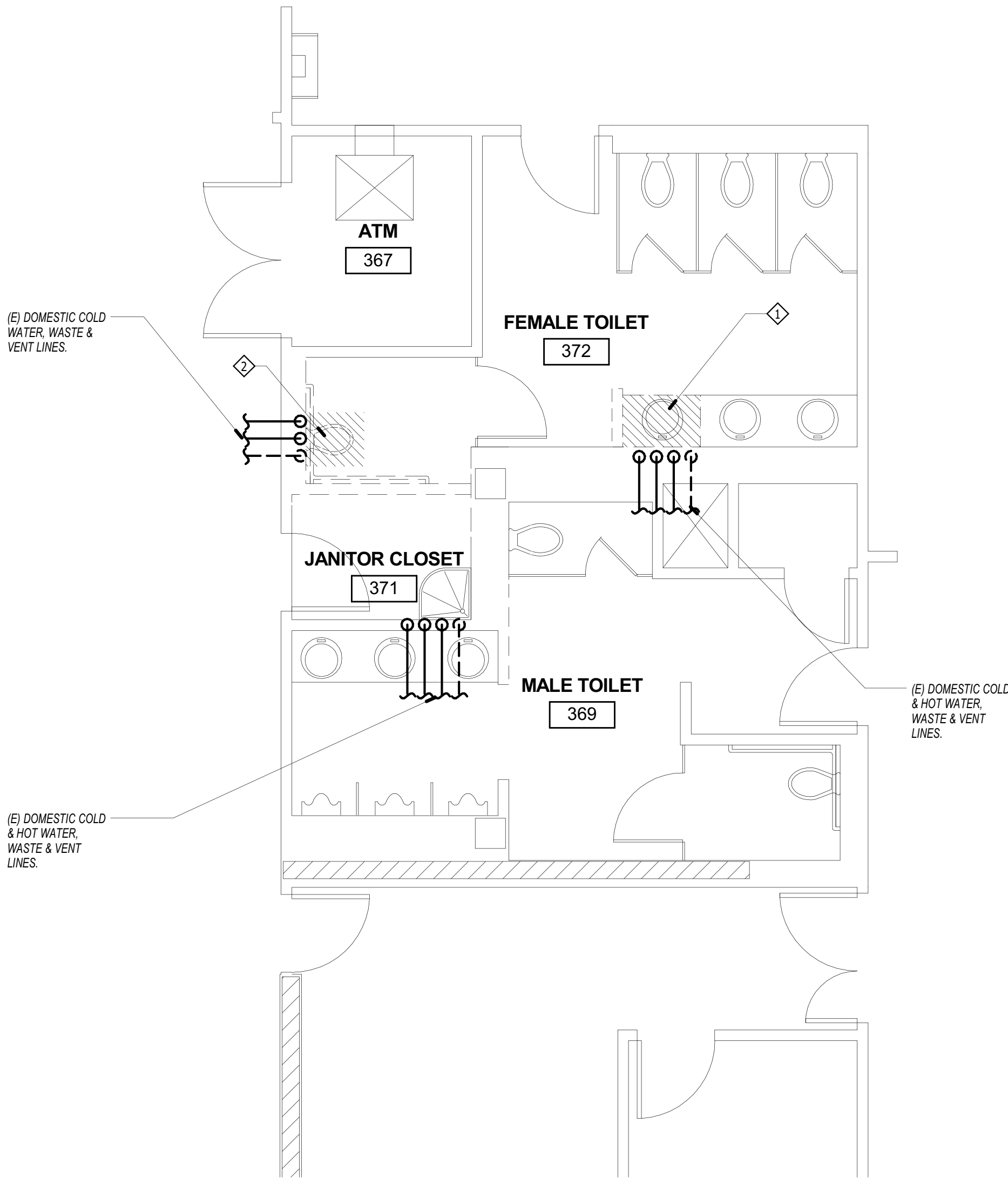
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PLUMBING DEMOLITION PLAN

1/8" = 1'-0"

1

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PLUMBING DEMOLITION PLAN - FIRST FLOOR

1/4" = 1'-0"

1

GENERAL NOTES

1. SYSTEMS SHOWN ARE DIAGRAMMATICAL. CONTRACTOR SHALL FIELD VERIFY THE EXACT LOCATION OF ALL EXISTING PLUMBING SYSTEMS PRIOR TO PRODUCING SHOP DRAWINGS.
2. THE CONTRACTOR SHALL NOTIFY THE DESIGN TEAM IMMEDIATELY IF ANY UNFORSEEN CONDITIONS ARE DISCOVERED DURING THE DEMOLITION PROCESS.

DEMOLITION NOTES

1. REMOVE (E) LAVATORY. CAP AND PREPARE CW, HW AND WASTE LINES FOR CONENCTION OF (N) ADA COMPLIANT WALL HUNG LAVATORY.
2. RELOCATE (E) WATER CLOSET IN ORDER TO MEET ADA COMPLIANCE. CAP (E) DOMESTIC COLD WATER AND PREPARE FOR RELOCATION OF (N) CW LINE. REROUTE (E) WASTE LINE TO CONNECT TO (N) WATER CLOSET LOCATION.

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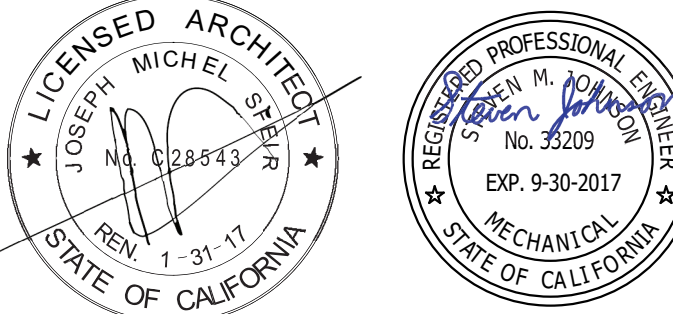
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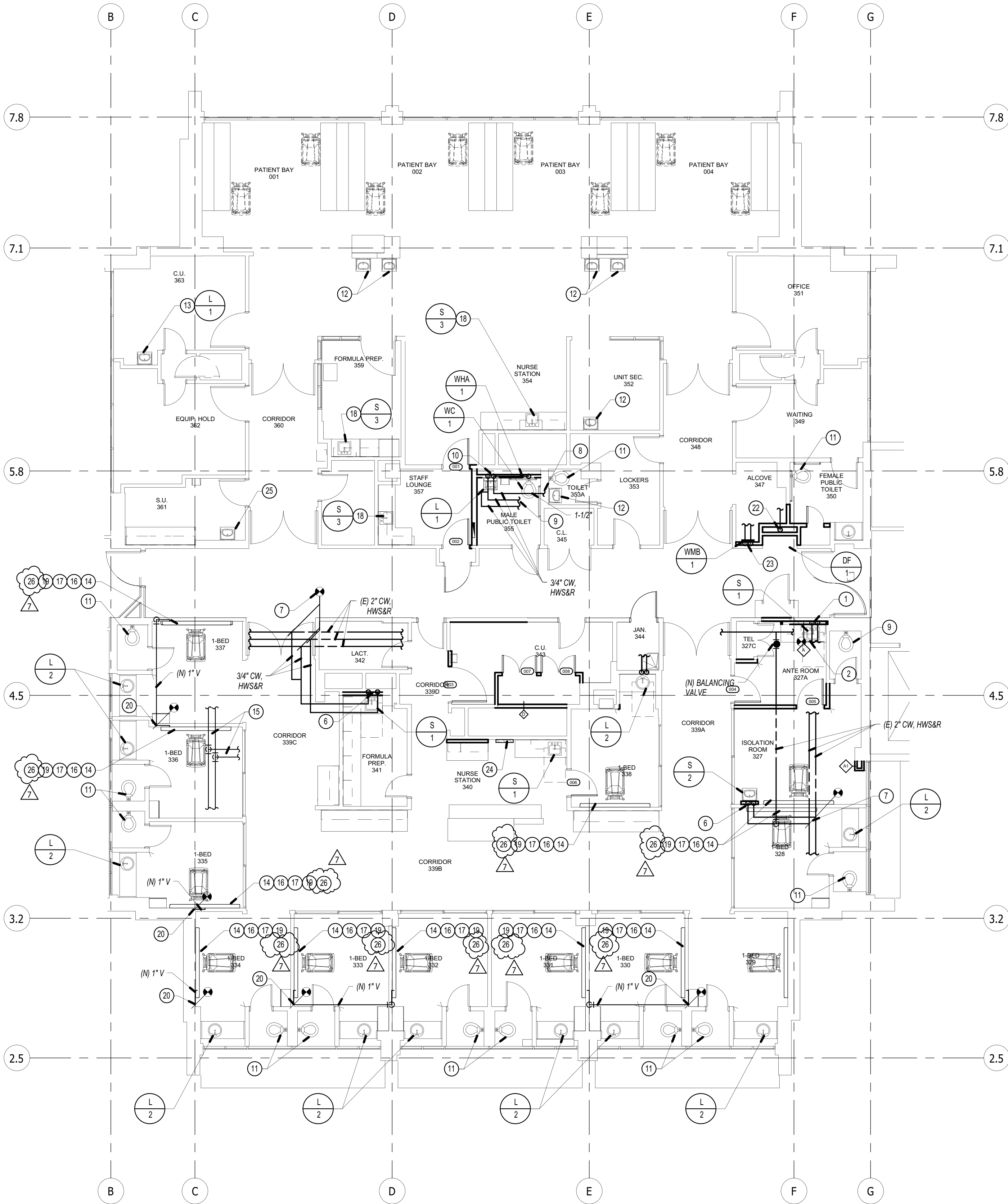
PLUMBING FIRST FLOOR
DEMOLITION PLAN

PROJECT TITLE:
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PROJECT #: 01549.00
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DATE: 11/13/15

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P1.2

15-340



GENERAL NOTES

1. FOR LINE TYPES, SYMBOLS & ABBREVIATIONS SEE LEGEND ON P.1.
2. FOR CONNECTION TO STRUCTURE & PIPE SUPPORT SEE DETAILS
3. UNLESS NOTED ALL CW & HW RISERS FROM FIXTURE TO CEILING ARE 1/2", SEE FIXTURE SCHEDULE ON P.1.
4. ROUTE HOT WATER LOOP AS CLOSE AS POSSIBLE TO ALL FIXTURES.
5. SEE FIXTURE SCHEDULE ON P.1 FOR ADA & STANDARD RIM HEIGHTS FOR WC-1 & U-1.
6. ALL VENTING SHALL HAVE A MIN. OF 2' CLEARANCE FROM ANY FORCED AIR INLET W/ A MIN. OF 3' CLEARANCE ABOVE & A MIN. OF 4' CLEARANCE FROM ANY PROPERTY LINE EXCEPT A PUBLIC WAY PER CPC SEC. 906.
7. NEW OR REPAIRED POTABLE WATER SYSTEMS SHALL BE DISINFECTED PRIOR TO USE, ACCORDING TO THE METHOD SET IN SECTION 609.9 OF THE CPC.
8. CONTRACTOR SHALL PATCH FLOORS, WALLS & CEILINGS TO MATCH NEW CONSTRUCTION PER ARCHITECTS SPECIFICATIONS.
9. COORDINATE EXACT LOCATION OF S.O.V., BACKFLOW DEVICE, WATER METER, GAS METER & GREASE INTERCEPTOR WITH ARCHITECT.
10. PRIOR TO CONSTRUCTION CONTRACTOR SHALL FIELD VERIFY FOR EXACT SIZE, LOCATION & INVERT ELEVATION OF EXISTING WASTE LINE & COORDINATE WITH PLUMBING ENGINEER FOR ANY CHANGES NEEDED.
11. SHUT-OFF VALVES SHALL BE PROVIDED ON ALL MAIN BRANCHES, RUNS TOO RISERS AND WHERE SHOWN ON DRAWING, LOCATE SHUT-OFF VALVES OVER T-BAR CEILING WHEN POSSIBLE. PROVIDE ACCESS PANELS WHEN SHUT-OFF VALVES ARE LOCATED OVER HARD LID CEILINGS.

CONSTRUCTION NOTES

1. 3/4" HW & CW DOWN TO NEW LAVATORY.
2. MAKE 3/4" HW & CW POC TO EXISTING CAPPED LINES IN CEILING SPACE PREVIOUSLY SERVING SHOWER.
3. 1-1/2" CW DOWN IN WALL TO WATER HAMMER ARRESTOR & WATER CLOSET. PROVIDE S/S ACCESS PANEL FOR WATER HAMMER ARRESTOR.
4. 3/4" CW DOWN IN WALL TO NEW SINK. 3/4" HW FROM POC ADJACENT TO NEW LAVATORY L-1.
5. MAKE 1-1/2" CW CONNECTION IN CEILING TO EXISTING CAPPED CW LINE PREVIOUSLY SERVING EXISTING WATER CLOSET.
6. 3/4" HW & CW DOWN IN WALL TO NEW SINK S-2.
7. MAKE 3/4" HW, CW & HWR POC TO EXISTING LINES IN CEILING SPACE. CONTRACTOR TO VERIFY EXISTING LOCATION IN FIELD.
8. MAKE CONNECTION WITH NEW 1-1/2" CW LINE IN CEILING SPACE @ EXISTING WATER CLOSET.
9. MAKE CONNECTION WITH NEW 3/4" HW & HWR IN CEILING SPACE. CONTRACTOR TO VERIFY EXACT POC IN FIELD.
10. DROP 1-1/2" CW DOWN TO HDR IN WALL.
11. EXISTING WATER CLOSET TO REMAIN.
12. EXISTING SINK TO REMAIN.
13. EXISTING SINK TO BE REPLACED WITH NEW. SEE NEW FIXTURE DESIGNATION.
14. NEW HEADWALL, 6" DEEP & 9" ABOVE FINISHED CEILING.
15. EXISTING PIPING TO REMAIN.
16. RELOCATE MED. GAS PIPING ABOVE CEILING AS REQUIRED TO MEET 6" DEEP & 9" TALL CLEARANCE FROM WALL FOR NEW HEADWALL ABOVE CEILING.
17. ROUTE NEW MED. GAS DOWN TO NEW HEADWALL. PROVIDE (3) 1/2" OXY, (3) 1" VAC & (3) 1/2" MED. AIR OUTLETS. COORDINATE EXACT LOCATION OF NEW OUTLETS WITH HEADWALL MANUFACTURER.
18. NEW STAINLESS STEEL SINK, FAUCET & CONTROLS. SEE NEW FIXTURE DESIGNATION.
19. FOR HEADWALL MED. GAS LOCATIONS, SEE DETAIL 4/P3.1.
20. MAKE CONNECTION TO 1" EXISTING VAC LINE. ROUTE TO HEADWALL & PROVIDE (3) VAC OUTLETS.
21. POC TO EXISTING CW LINE WITH NEW 1/2" CW TO HUMIDIFIER.
22. MAKE CONNECTION WITH NEW CW TO DF-1.
23. MAKE CONNECTION WITH NEW 3/4" HW & CW TO WMB-1.
24. EXISTING MED. GAS ALARM PANEL LOCATED IN NURSE STATION.
25. EXISTING SINK TO BE RELOCATED AS SHOWN. REWORK EXISTING PIPING CONNECTIONS AS NEEDED TO SINK. REPLACE FAUCET (CHICAGO 625-ABCP 6005564).
26. PROVIDE SHUT OFF VALVE TO VACUUM LINE TO NEW HEAD WALL. INSTALLED BEHIND 1'-0" 41'-0" ACCESS PANEL. VALVES SHALL BE INSTALLED PER THE REQUIREMENTS OF THE 2012 NFPA 99 SECTION 5.1.4.9.

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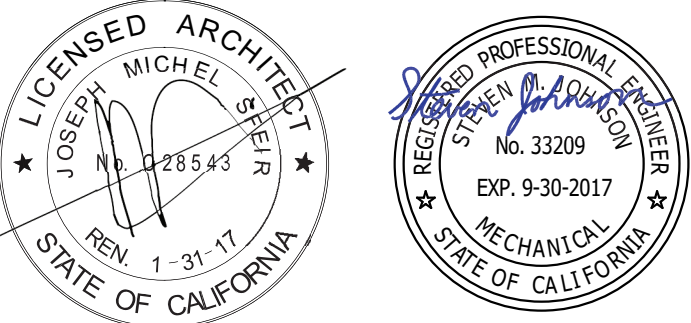
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SHEET TITLE:

PLUMBING FLOOR PLAN - DOMESTIC COLD & HOT WATER

PROJECT TITLE:
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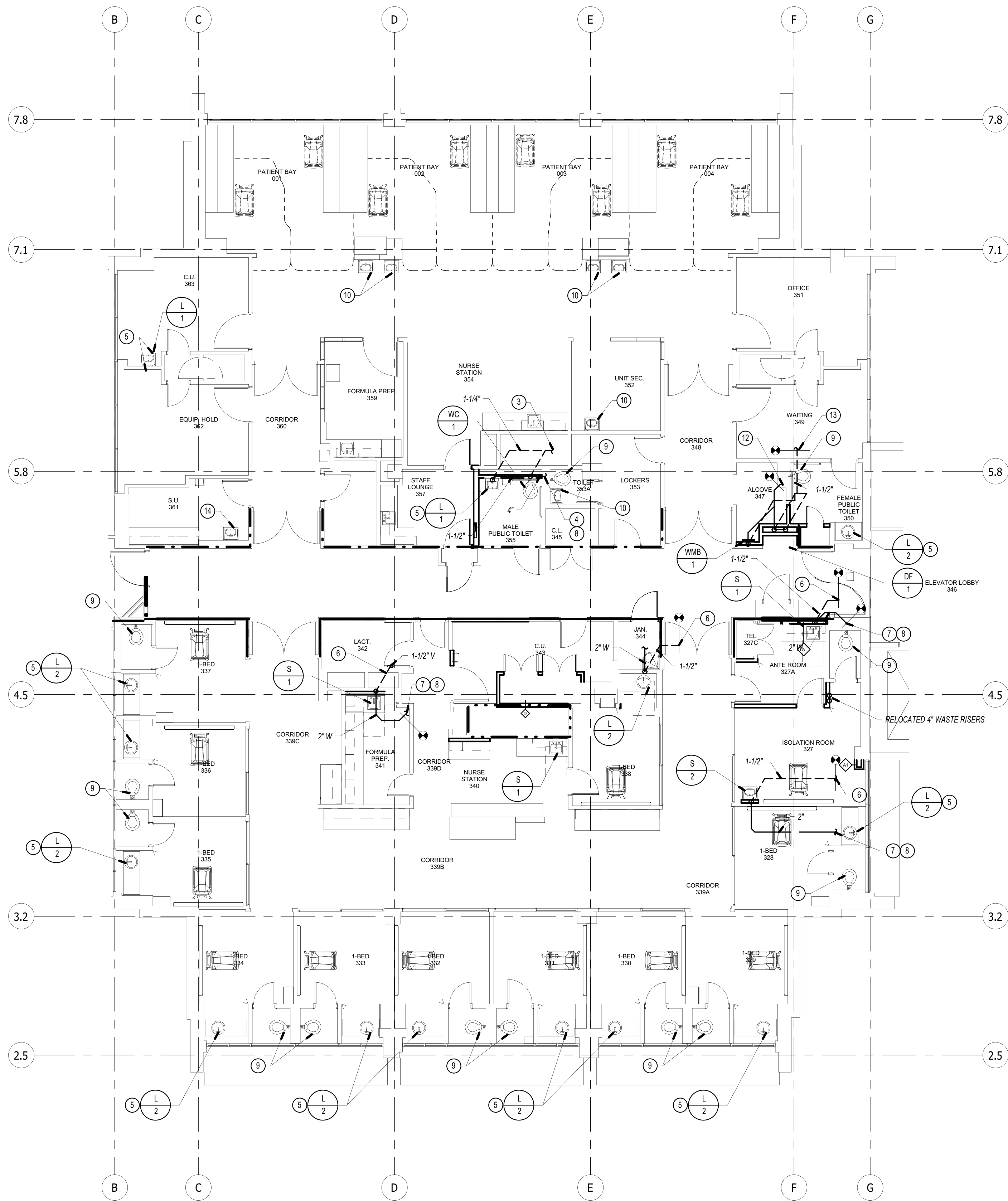
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PLUMBING FLOOR PLAN - DOMESTIC WATER/MED GAS

1/8" = 1'-0"

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PLUMBING FLOOR PLAN - WASTE & VENT

1/8" = 1'-0"

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GENERAL NOTES

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11. SHUT-OFF VALVES SHALL BE PROVIDED ON ALL MAIN BRANCHES, RUNS TOO RISERS AND WHERE SHOWN ON DRAWING, LOCATE SHUT-OFF VALVES OVER T-BAR CEILING WHEN POSSIBLE. PROVIDE ACCESS PANELS WHEN SHUT-OFF VALVES ARE LOCATED OVER HARD LID CEILINGS.

CONSTRUCTION NOTES

1. CONNECT NEW 1-1/2" VENT TO EXISTING CAPPED VENT FROM SHOWER.
2. CONNECT NEW 2" WASTE FROM SINK TO EXISTING WASTE FROM SINK, CONTRACTOR TO VERIFY EXACT POC IN FIELD.
3. CONNECT NEW 2" VENT FROM WATER CLOSET TO EXISTING CAPPED 2" VENT FROM EXISTING REMOVED WATER CLOSET.
4. CONNECT NEW 4" WASTE FROM WATER CLOSET TO EXISTING WASTE LINE, CONTRACTOR TO FIELD VERIFY EXACT POC & INVERT IN FIELD.
5. CONNECT NEW LAVATORY TO EXISTING ROUGH-IN CONNECTIONS IN WALL.
6. CONNECT NEW 1-1/2" VENT TO EXISTING VENT LINE IN CEILING, CONTRACTOR TO VERIFY EXACT POC IN FIELD.
7. CONNECT NEW 2" WASTE TO EXISTING WASTE LINE BELOW FLOOR, CONTRACTOR TO VERIFY EXACT POC & INVERT ELEVATION IN FIELD.
8. CONTRACTOR TO COORDINATE ACCESS TO 1ST FLOOR CEILING SPACE WITH HOSPITAL FACILITIES & MAINTENANCE PRIOR TO WORKING BELOW SLAB.
9. EXISTING WATER CLOSET TO REMAIN, EXISTING HUB & SPIGOT WASTE LINE TO BE REMOVED & REPLACED WITH NEW HUBLESS PIPE & FITTINGS.
10. EXISTING SINK TO REMAIN, REPLACE ALL FAUCETS (CHICAGO 625-ABCP GOOSENECK).
11. CONNECT 1-1/2" VENT & WASTE TO EXISTING WASTE & VENT IN WALL.
12. MAKE P.O.C. TO EXISTING 4" WASTE LINE.
13. MAKE P.O.C. TO EXISTING 2" VENT LINE IN ATTIC SPACE.
14. EXISTING SINK TO BE RELOCATED AS SHOWN, REWORK EXISTING PIPING CONNECTIONS AS NEEDED TO SINK, REPLACE FAUCET (CHICAGO 625-ABCP GOOSENECK).

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TCMC SCHIFF FAMILY NICU RENOVATION

Tri-City Medical Center

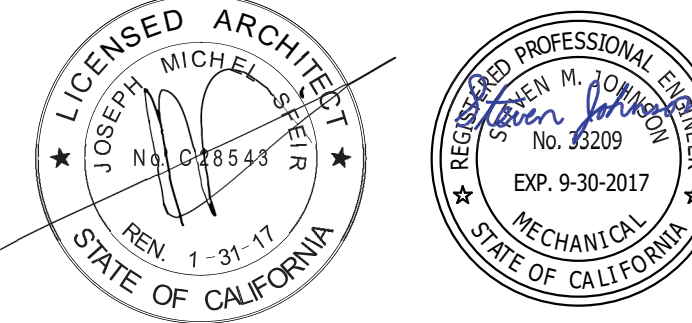
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OSHPO COMMENTS	03.25.16
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DESIGN CHANGES	09.01.16
OSHPO COMMENTS	12.22.16
OSHPO COMMENTS	02.22.17
DESIGN CHANGES	04.14.207
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SHEET TITLE:

PLUMBING FLOOR PLAN -
WASTE & VENT

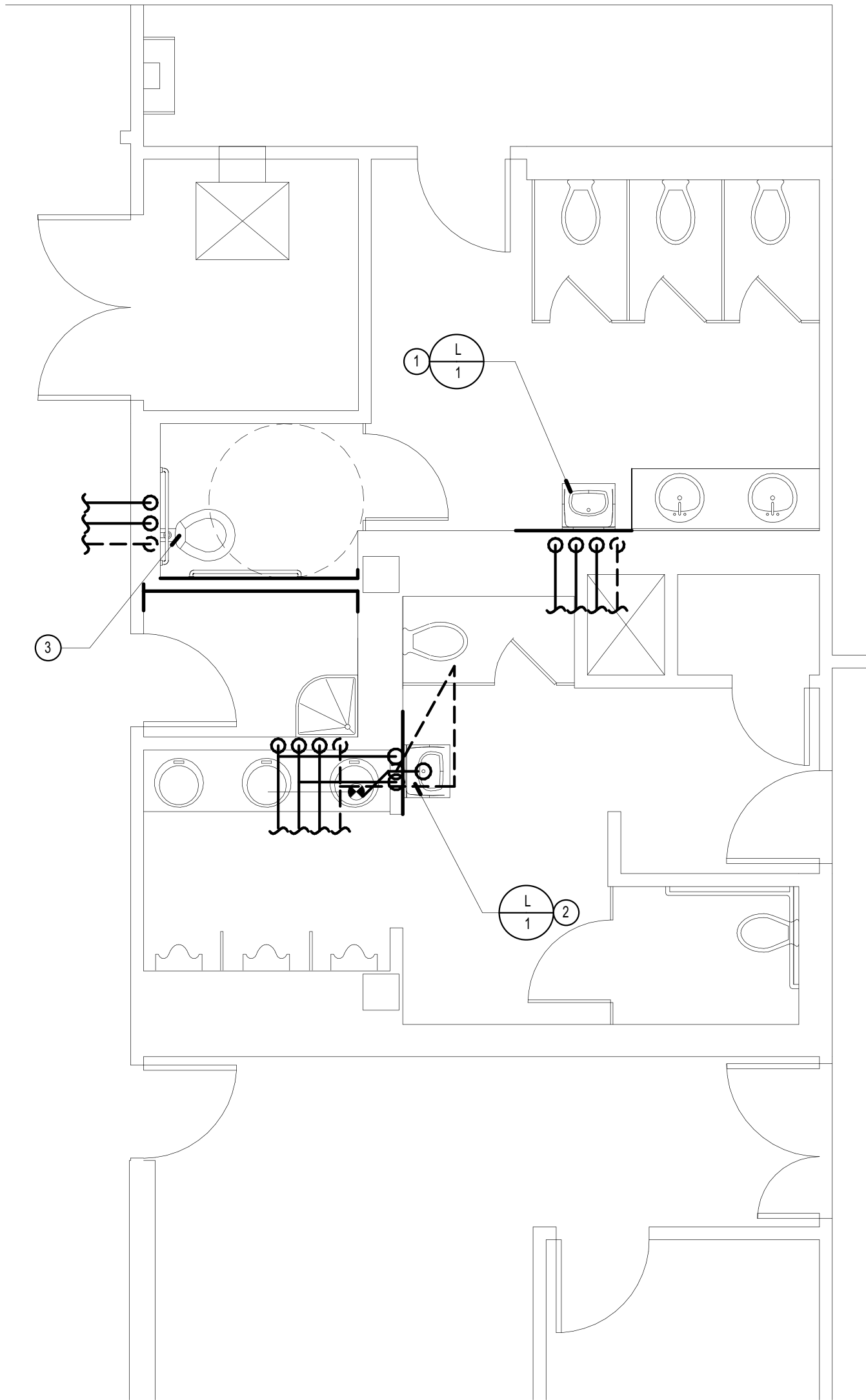
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TCMC SCHIFF FAMILY NICU RENOVATION

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SHEET NUMBER:
P2.2

15-340

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PLUMBING FLOOR PLAN - FIRST FLOOR

1/4" = 1'-0"

1

GENERAL NOTES

- FOR LINE TYPES, SYMBOLS & ABBREVIATIONS SEE LEGEND ON P.0.1.
- FOR CONNECTION TO STRUCTURE & PIPE SUPPORT SEE DETAILS
- UNLESS NOTED ALL CW & HW RISERS FROM FIXTURE TO CEILING ARE 1/2", SEE FIXTURE SCHEDULE ON P.0.1.
- ROUTE HOT WATER LOOP AS CLOSE AS POSSIBLE TO ALL FIXTURES.
- ALL VENTING SHALL HAVE A MIN. OF 25' CLEARANCE FROM ANY FORCED AIR INLET W/ A MIN. OF 3' CLEARANCE ABOVE & A MIN OF 4' CLEARANCE FROM ANY PROPERTY LINE EXCEPT A PUBLIC WAY PER CPC SEC. 906.
- NEW OR REPAIRED POTABLE WATER SYSTEMS SHALL BE DISINFECTED PRIOR TO USE, ACCORDING TO THE METHOD SET IN SECTION 609.9 OF THE CPC.
- CONTRACTOR SHALL PATCH FLOORS, WALLS & CEILINGS TO MATCH NEW CONSTRUCTION PER ARCHITECTS SPECIFICATIONS.
- COORDINATE EXACT LOCATION OF S.O.V., BACKFLOW DEVICE, WATER METER, GAS METER & GREASE INTERCEPTOR WITH ARCHITECT.
- PRIOR TO CONSTRUCTION CONTRACTOR SHALL FIELD VERIFY FOR EXACT SIZE, LOCATION & INVERT ELEVATION OF EXISTING WASTE LINE & COORDINATE WITH PLUMBING ENGINEER FOR ANY CHANGES NEEDED.
- SHUT-OFF VALVES SHALL BE PROVIDED ON ALL MAIN BRANCHES, RUNS TOO RISERS AND WHERE SHOWN ON DRAWING. LOCATE SHUT-OFF VALVES OVER T-BAR CEILING WHEN POSSIBLE. PROVIDE ACCESS PANELS WHEN SHUT-OFF VALVES ARE LOCATED OVER HARD LID CEILINGS.

CONSTRUCTION NOTES

- PROVIDE (N) WALL HUNG LAVATORY IN LOCATION SHOWN. REUSE (E) CW, HW & WASTE CONNECTIONS FROM LAVATORY WHICH WAS REMOVED.
- PROVIDE (N) WALL HUNG LAVATORY IN LOCATION SHOWN. CONNECT TO,ET,CW, HW & WASTE CONNECTIONS FROM ADJACENT LAVATORY. CONTRACTOR SHALL VERIFY THE EXACT LOCATION IN THE FIELD. PROVIDE (N) 3/4" CW & HW, 1-1/2" VENT AND 2" WASTE LINES.
- RELOCATE (E) WATER CLOSET AS SHOWN ON PLANS IN ORDER TO MEET ADA REQUIREMENTS. REUSE EXISING CW, WASTE & VENT LINES.

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TCMC SCHIFF
FAMILY NICU
RENOVATION

Tri-City Medical Center

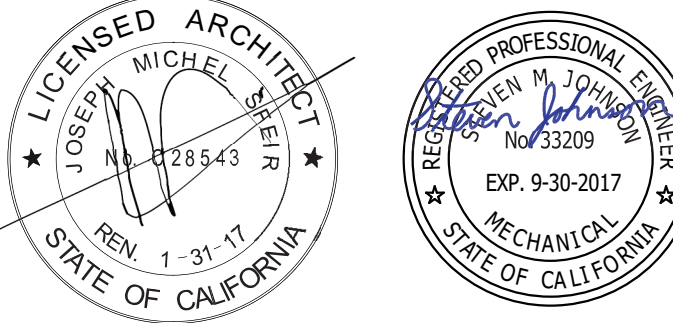
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PLUMBING FIRST FLOOR
PLAN

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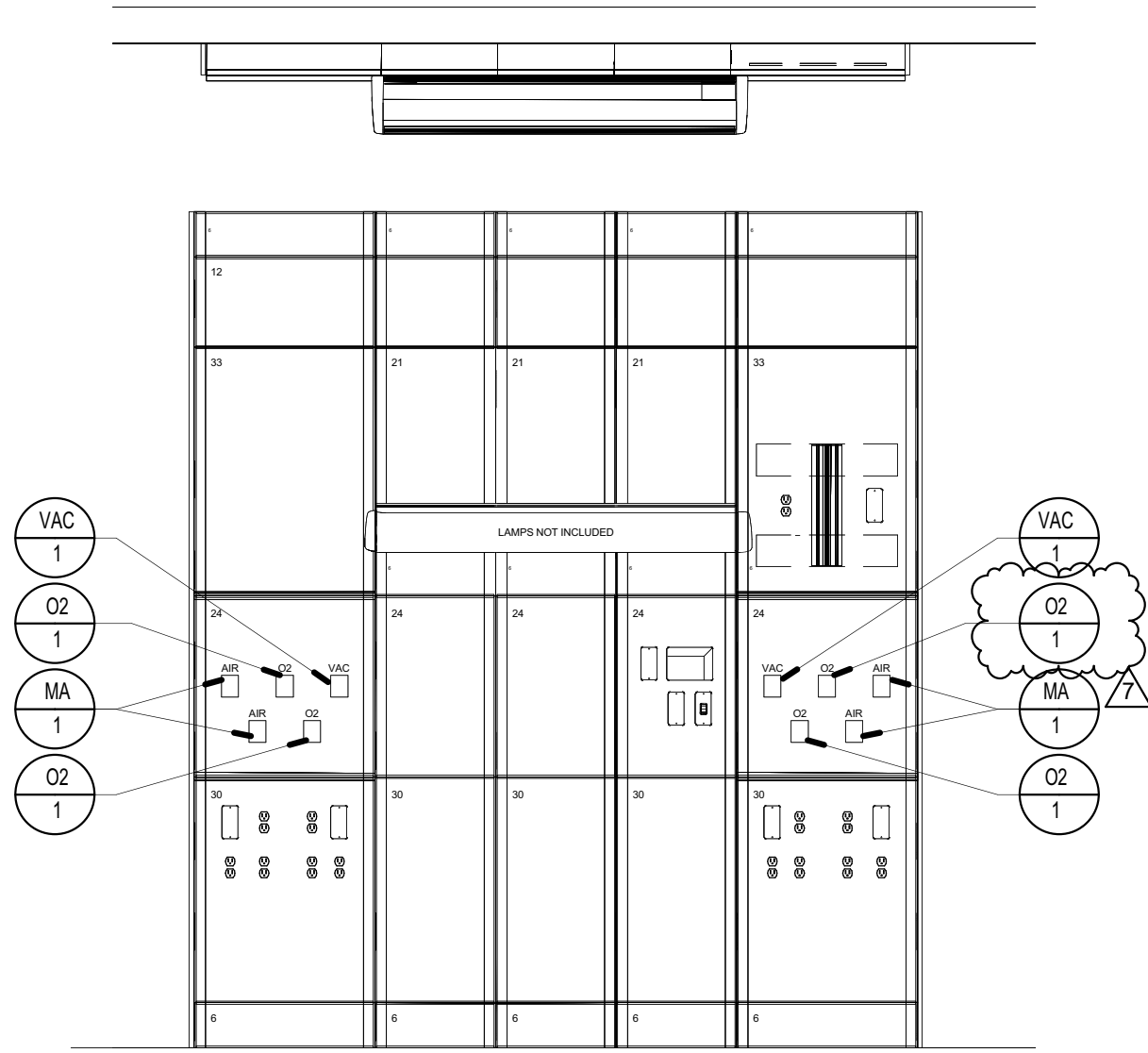
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15-340

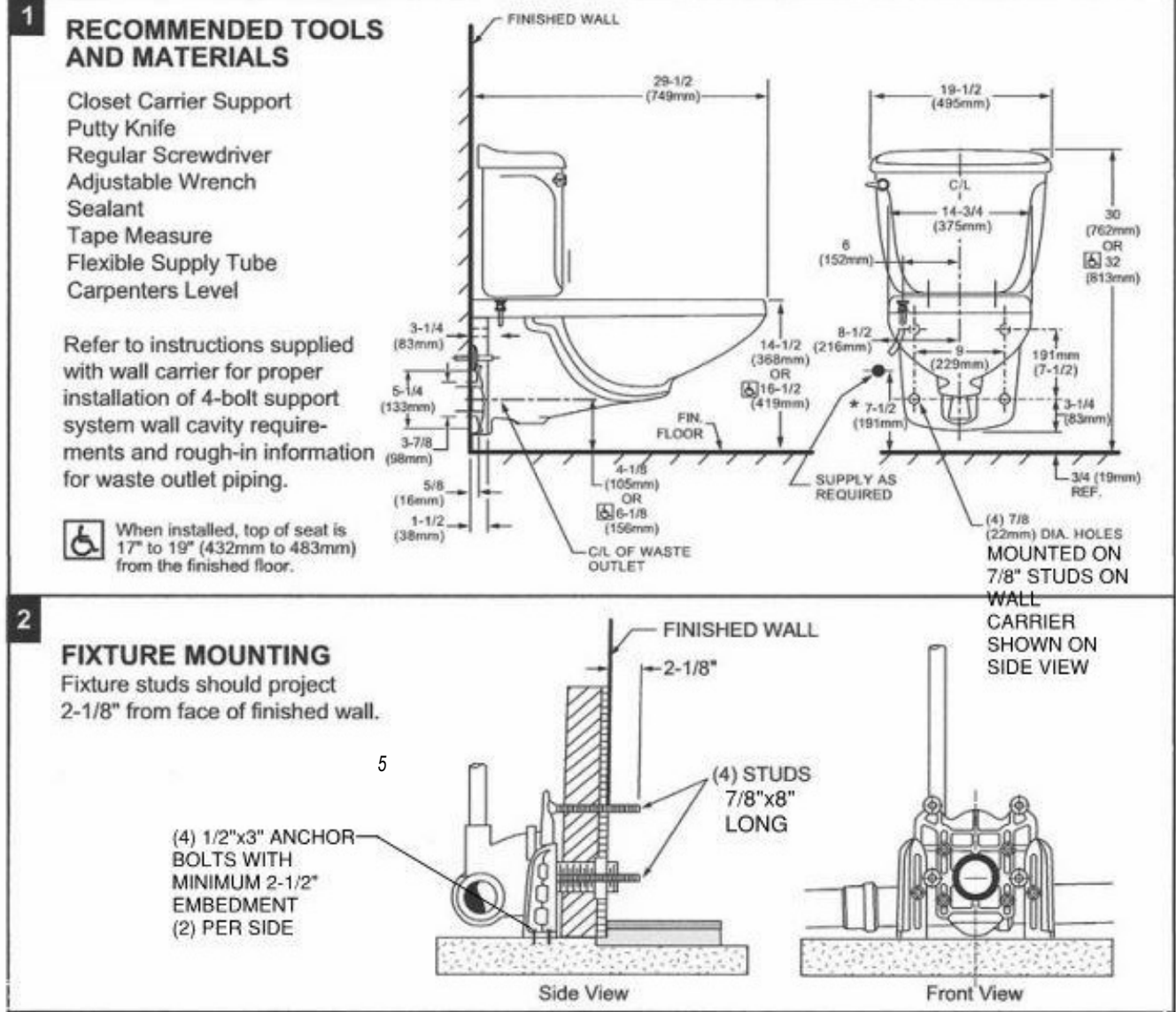
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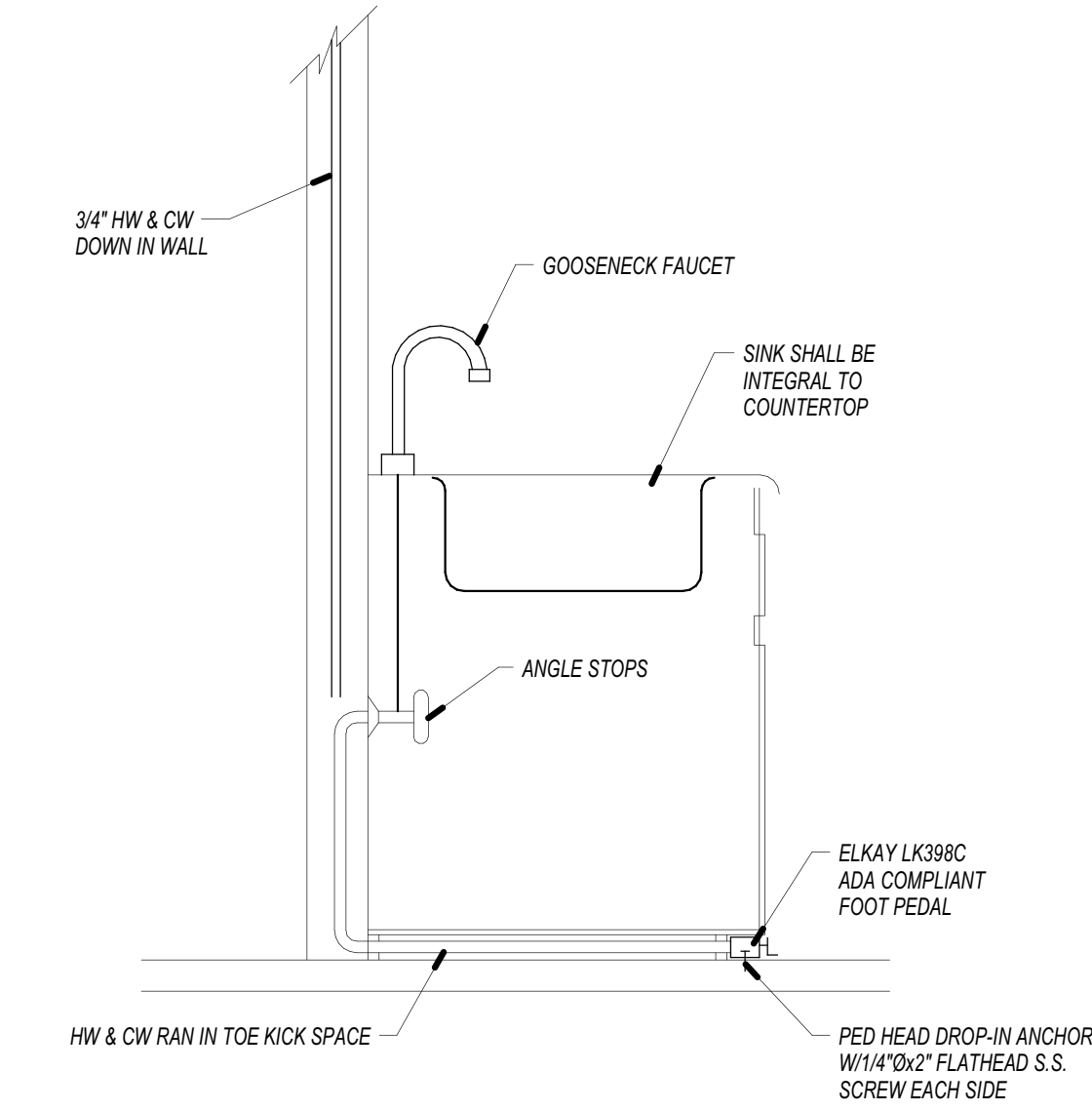


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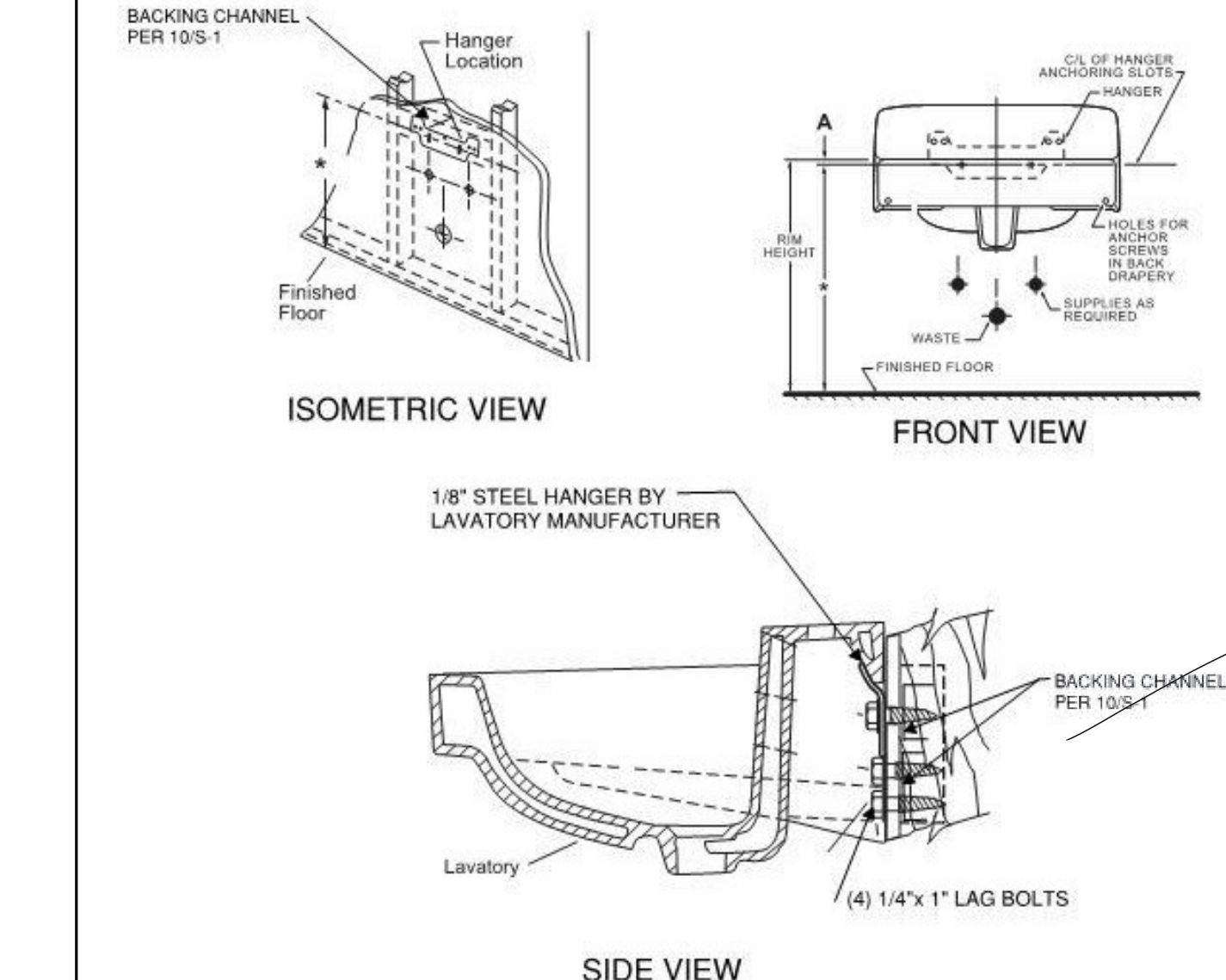
4



WATER CLOSET MOUNTING



SINK W/FOOT PEDAL VALVES



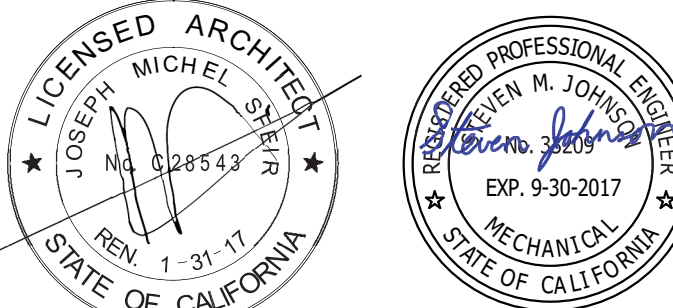
LAVATORY MOUTING DETAIL

TCMC SCHIFF FAMILY NICU RENOVATION

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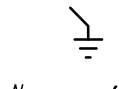
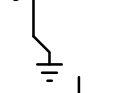
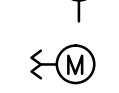

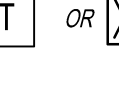

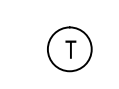
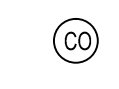

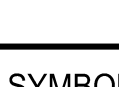






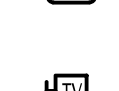

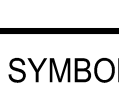



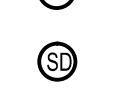

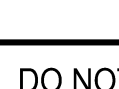
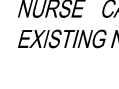

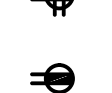
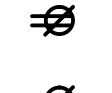

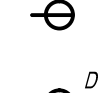





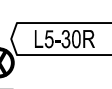

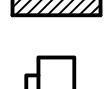

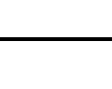
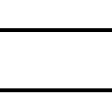
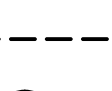
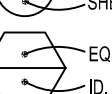
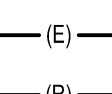
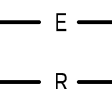
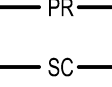
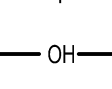




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PROJECT TITLE:
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CHECKED BY: Checker	
SCALE: 12" = 1'-0"	
DATE: 11/13/15	

P3.1

GENERAL NOTES		ABBREVIATIONS		POWER LEGENDS AND SYMBOLS (CONT)		POWER LEGEND AND SYMBOLS			
<div>1. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE LATEST CALIFORNIA CODE OF REGULATIONS (CCR), NATIONAL ELECTRICAL CODE EDITION AND ALL APPLICABLE LOCAL CODES AND REGULATIONS.</div> <div>2. ALL PANELS, SWITCHES, ETC. SHALL HAVE SUFFICIENT GUTTER SPACE AND LUGS IN COMPLIANCE TO UL REQUIREMENTS TO ACCOMMODATE CONDUCTORS SHOWN.</div> <div>3. WHERE WIRE SIZES ARE INDICATED ON PLANS, FOR INDIVIDUAL CIRCUITS, THE WIRE SIZE INDICATED SHALL APPLY TO THE COMPLETE CIRCUIT, UNLESS OTHERWISE NOTED.</div> <div>4. CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF MECHANICAL, PLUMBING AND OTHER EQUIPMENT REQUIRING ELECTRICAL CONNECTION PRIOR TO ANY WORK.</div> <div>5. CONTRACTOR SHALL EXTEND WIRING FROM ALL JUNCTION BOXES, SWITCHES, ETC. AND MAKE FINAL CONNECTION AS REQUIRED TO ALL BUILDING EQUIPMENT REQUIRING ELECTRICAL CONNECTIONS.</div> <div>6. LOCATION OF LOCAL WALL SWITCHES ARE SUBJECT TO MODIFICATIONS, AT OR NEAR DOORS, INSTALL SWITCHES ON SIDE OPPOSITE TO DOOR HINGE. VERIFY FINAL HINGE LOCATION IN FIELD PRIOR TO ANY WORK.</div> <div>7. DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF SYSTEMS AND WORK INCLUDED. FOLLOW DRAWINGS IN LAYING OUT WORK AND CHECK DRAWINGS OR OTHER TRADES RELATING TO WORK TO VERIFY SPACE IN WHICH WORK WILL BE INSTALLED. MAINTAIN HEADROOM AND MINIMUM CODE REQUIRED WORKING CLEARANCES AT ALL TIMES.</div> <div>8. CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL WALL OUTLET BOXES FOR SWITCHES, BELLSTROBES, FIRE ALARM PULL STATIONS, RECEPTACLES ETC. WITH CABINETS, FURNITURE, EQUIPMENT ETC., TO AVOID CONFLICT.</div> <div>9. WHERE ELECTRIC MOTORS OR HEATERS ARE INSTALLED IN HUNG CEILINGS, PROVIDE DISCONNECT SWITCH IN HUNG CEILING WITHIN REACH FROM ACCESS POINT.</div> <div>10. FURNISH APPROVED EXPANSION FITTINGS WHERE RACEWAY CROSSES BUILDING EXPANSION JOINTS.</div> <div>11. FURNISH PULL STRING IN EACH RACEWAY RUN OVER 10' IN LENGTH, IN WHICH PERMANENT WIRING IS NOT INSTALLED.</div> <div>12. NOT MORE THAN THREE LIGHTING OR CONVENIENCE OUTLET CIRCUITS ARE PERMITTED IN ONE CONDUIT, PROVIDE SEPARATE CONDUIT FOR EACH HOMERUN INDICATED ON THE DRAWING, UNLESS INDICATED OTHERWISE.</div> <div>13. PROVIDE PULL BOXES WHEREVER NECESSARY TO FACILITATE PULLING OF CONDUCTORS. COORDINATE LOCATIONS OF BOXES WITH OTHER TRADES TO AVOID CONFLICT. PULL BOXES SHALL BE ACCESSIBLE. THE SIZE OF PULL BOX SHALL COMPLY WITH N.E.C. REQUIREMENTS.</div> <div>14. OUTLET BOXES FOR FIXTURES RECESSED IN HUNG CEILING SHALL BE ACCESSIBLE THROUGH OPENING CREATED BY REMOVAL OF FIXTURES.</div> <div>15. SEE MECHANICAL AND PLUMBING DRAWINGS AND SPECIFICATION FOR ADDITIONAL CONNECTION REQUIREMENTS TO CONTROL PANELS, CONTROL TRANSFORMERS, POWER FOR CONTROL SYSTEM EP AND PE SWITCHES, TIME CLOCKS, VALVES, STATS, RELAYS, DUCT SMOKE DETECTOR LOCATIONS, ETC. INDICATED ON CONTROL WIRING DIAGRAMS. ELECTRICAL CONTRACTOR SHALL VERIFY FINAL CONTROL WIRING REQUIREMENTS WITH MECHANICAL AND PLUMBING CONTRACTORS PRIOR TO ANY WORK AND PROVIDE ALL NECESSARY DEVICES AND CONNECTIONS AS REQUIRED.</div> <div>16. ALL EXTERIOR ELECTRICAL DEVICES AND EQUIPMENT INCLUDING THOSE THAT ARE EXPOSED TO OUTSIDE ENVIRONMENT (UP TO 16') SHALL BE WEATHERPROOF TYPE, NEMA 3R.</div> <div>17. NO CONDUIT RUNS SHALL BE ALLOWED IN CONCRETE SLABS. ALL CONDUITS WILL BE PLACED ABOVE ACCESSIBLE CEILING SPACES UNLESS SPECIFICALLY INDICATED TO BE UNDERGROUND.</div> <div>18. LIGHTING, POWER, TELEPHONE AND COMMUNICATIONS OUTLETS SHALL NOT BE PLACED BACK-TO-BACK.</div> <div>19. WHERE MORE THAN ONE LIGHT SWITCH OCCURS AT SAME LOCATION, SWITCHES SHALL BE MOUNTED IN A MULTIPLE GANG BOX UNDER A SINGLE COVER PLATE. PLATES WITH MORE THAN (3) LIGHT SWITCHES SHALL BE LABELED TO INDICATE THE LIGHT FIXTURES CONTROLLED.</div> <div>20. DISCONNECT SWITCHES SHALL BE MOUNTED ON INDIVIDUAL SUPPORTS, OR OTHERWISE DIRECTLY ON EQUIPMENT, PROVIDED NO MODIFICATION TO EQUIPMENT IS NECESSARY.</div> <div>21. ALL ELECTRICAL POWER LIGHTING, TELEPHONE OR SIGNAL WIRING IN FIRE RATED WALL IS TO BE INSTALLED IN A METALLIC CONDUIT SYSTEM.</div> <div>22. ALL ELECTRIC MATERIAL SHALL BE LISTED BY "UL" FOR THE TYPE OF APPLICATION AND "UL" LABEL SHALL APPEAR ON ALL ELECTRICAL EQUIPMENT.</div> <div>23. CONTACT UTILITY COMPANIES FOR SCOPE OF WORK PRIOR TO SUBMITTING BID; INCLUDE UTILITY CHARGES IF ANY.</div> <div>24. ALL DISTRIBUTION AND CONTROL EQUIPMENT (SUCH AS CB's, SWITCHES, CONTACTORS, ETC.), TERMINATIONS SHALL BE FULLY RATED PER UL AS FOLLOWS:<div>a. 125A OR LESS: 60°C OR MORE; b. MORE THAN 125A: 75°C OR MORE.</div></div> <div>25. CONDUCTORS SHALL HAVE UNDERWRITER'S LABORATORIES, INC. (UL) LISTED, 600 VOLT INSULATION OF TYPE SPECIFIED BELOW OR ELSEWHERE IN THE SPECIFICATIONS. CONDUCTORS SHALL BE COPPER.<div>1. BRANCH CIRCUITS - LIGHTING AND POWER. a. #10 AWG AND SMALLER, SOLID WIRE TYPE THW OR THHN/THWN, THHN/THWN FOR DRY LOCATION ONLY). b. #8 AWG TO #2 AWG, STRANDED TYPE THW OR THHN/THWN. c. #1 AWG AND LARGER, STRANDED TYPE XHHW.</div><div>2. FEEDERS: TYPE THW OR THHN/THWN, OR XHHW.</div></div> <div>26. PROVIDE GREEN INSULATED GROUNDING CONDUCTOR IN EACH RACEWAY INCLUDING CONDUITS, PLUG STRIPS, WIREMOLD, SIZE OF GROUNDING SHALL BE IN ACCORDANCE WITH NATIONAL ELECTRIC CODE ARTICLE 250.</div> <div>27. WIRING METHOD SHALL BE EMT ABOVE GROUND AND MOUNTED IN CONCEALED SPACES AND SCHEDULE-40 PVC FOR UNDERGROUND INSTALLATION. USE RIGID WHEN ENCASED IN CONCRETE OR SUSCEPTIBLE TO DAMAGE.</div> <div>28. CONTRACTOR TO USE THE FOLLOWING CONDUCTOR SIZES FOR BRANCH CIRCUITS: #10 AWG CONDUCTORS FOR 20 AMPERE, 120 VOLT BRANCH CIRCUITS LONGER THAN 75 FEET. #10 AWG CONDUCTORS FOR 20 AMPERE, 277 VOLT BRANCH CIRCUITS LONGER THAN 200 FEET.</div> <div>29. PROVIDE 110V OUTLET, CFL LIGHT & SWITCH FOR LIGHT @ FAU IN ATTIC, WHERE APPLICABLE.</div>		<div>A AMPERE AF AMPERE FRAME RATING (CIRCUIT BREAKER) AFF ABOVE FINISHED FLOOR AFG ABOVE FINISHED GRADE AFU AMPERE FUSE RATING (FUSE) AIC AMPERE INTERRUPTING CAPACITY AS AMPERE SWITCH RATING (FUSE) AT AMPERE TRIP RATING (CIRCUIT BREAKER) AWG AMERICAN WIRE GAUGE BKBD BACKBOARD BLDG BUILDING BKR BREAKER C CONDUIT CB CIRCUIT BREAKER CKT CIRCUIT CFSO COMBINATION FIRE SMOKE DAMPER CO CONDUIT ONLY CONC CONCRETE CT CURRENT TRANSFORMER CU COPPER C CENTERLINE DISC DISCONNECT DSBN DISTRIBUTION SECTION DN DOWN DWG DRAWING EA EACH EC ELECTRICAL CONTRACTOR EM EMERGENCY EMT ELECTRICAL METALLIC TUBING EXIST, (E) EXISTING EXO EXTERNAL OPERABLE DISCONNECT F FUSE FA FIRE ALARM FACP FIRE ALARM CONTROL PANEL FF FINISHED FLOOR FG FINISHED GRADE FLA FULL LOAD CURRENT FLUOR FLUORESCENT GEN GENERATOR GFCI GROUND FAULT CIRCUIT INTERRUPTER GFP GROUND FAULT PROTECTION GND GROUND HOA HAND-OFF-AUTOMATIC HP HORSE POWER HV HIGH VOLTAGE IDF INTERMEDIATE DISTRIBUTION FRAME IG ISOLATED/INSULATED GROUND INCAND INCANDESCENT ISC SHORT CIRCUIT CURRENT AVAILABLE IN RMS SYMMETRICAL AMPERES J-BOX JUNCTION BOX KCMIL THOUSAND CIRCULAR MILS KW KILOWATT KV KILO VOLT KVA KILO VOLT-AMPERE LDC LOCAL DISTRIBUTION CABINET LDF LOCAL DISTRIBUTION FRAME LCL LONG CONTINUOUS LOAD LTG LIGHTING LV LOW VOLTAGE MFR MANUFACTURER MAX MAXIMUM MCC MOTOR CONTROL CENTER MIN MINIMUM MH MANHOLE / METAL HALIDE MM METER AND MAIN SECTION</div> <div>(E) EXISTING DEVICE TO REMAIN (R) REMOVE EXISTING DEVICE AND ASSOCIATED CONDUIT AND WIRE</div>	<div>MULTI MULTI-METER SECTION MV MEDIUM VOLTAGE NC NORMALLY CLOSED NEC NATIONAL ELECTRICAL CODE NEMA NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION NEW (N) NEW, TO BE FURNISHED AND INSTALLED BY CONTRACTOR NF NON-FUSED NIC NOT IN CONTRACT NL NIGHT LIGHT NO NUMBER, NORMALLY OPEN NTS NOT TO SCALE OC ON CENTER OD OUTSIDE DIAMETER P POLE PB PULL BOX PF POWER FACTOR PNL PANEL POC POINT OF CONNECTION PP POWER POLE PWR POWER PVC POLYVINYL CHLORIDE QUAD QUADRUPEX QTY QUANTITY REQD REQUIRED REQMT REQUIREMENT RGS RIGID GALVANIZED STEEL RMC RIGID METALLIC CONDUIT RM ROOM RNC RIGID NONMETALLIC CONDUIT SHT SHEET SN SOLID NEUTRAL SPEC SPECIFICATIONS SPDT SINGLE POLE, DOUBLE THROW SPST SINGLE POLE, SINGLE THROW SW SWITCH SWBD SWITCHBOARD TC TIME CLOCK TEL TELEPHONE TERM TERMINAL TP TEMPORARY POLE TYP TYPICAL UGPS UNDERGROUND PULL SECTION UL UNDERWRITERS LABORATORY UPS UNINTERRUPTIBLE POWER SUPPLY UON UNLESS OTHERWISE NOTED V VOLT, VOLTAGE VA VOLT-AMPERE VFC VARIABLE FREQUENCY CONTROLLER VFD VARIABLE FREQUENCY DRIVE W WATT WH WATT-HOUR WP WEATHERPROOF WT WEATERTIGHT WW WIREWAY XP EXPLOSION PROOF Z IMPEDANCE 4W FOUR-WIRE 3W THREE-WIRE JB JUNCTION BOX (4 11/16" SQUARED X2 1/8" DEEP) Ø DIAMETER, PHASE # NUMBER °C DEGREE CELSIUS</div> <div>(RL) REMOVE EXISTING DEVICE AND RELOCATE AS SHOWN ON PLAN (NL) NEW LOCATION OF RELOCATED DEVICE</div>	<div> GROUNDING CONNECTION TO MAIN BUILDING GROUND SYSTEM U.O.N.</div> <div> GROUNDING CONNECTION AT SWITCHGEAR/DISTRIBUTION BOARD WITH NEUTRAL BONDING</div> <div> IN-LINE UTILITY COMPANY METER</div> <div> UTILITY METER WITH CIRCUIT TRANSFORMERS (CTS) METER</div> <div> SOLID STATE DEVICE CONNECTED TO THE POWER DISTRIBUTION SYSTEM</div> <div> GROUND FAULT PROTECTION DEVICE CONNECTED TO THE POWER DISTRIBUTION SYSTEM</div> <div> TRANSFORMER WITH SECONDARY GROUND</div> <div> ON-SITE GENERATOR SET</div> <div> CONDUIT WIRING DESCRIPTION PER FEEDER SCHEDULE ON OTHER PLAN</div> <div> THERMOSTAT SUPPLIED BY MECHANICAL CONTRACTOR, ELECTRICAL CONTRACTOR SHALL STUB 3/4" C.O. 6" ABOVE CEILING SPACE, PROVIDE BUSHING AND PULL WIRE. 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S F E I R ARCHITECTS

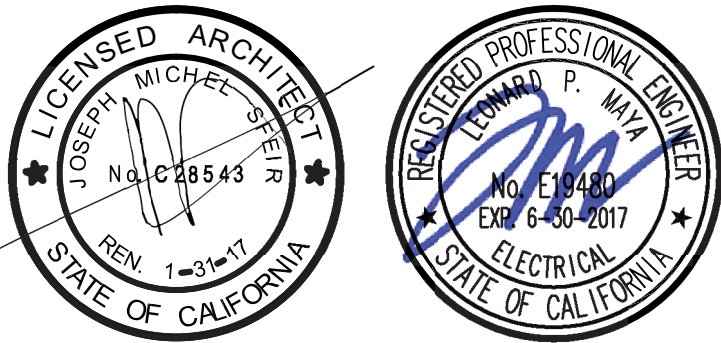
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TCMC NICU RENOVATION

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

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ME&P:	DESIGN WEST ENGINEERING 5151 SHOREHAM PLACE, SUITE 240 SAN DIEGO, CALIFORNIA 92122 TEL:(619)330-6043



OSHPD COMMENTS	02.19.16
DESIGN CHANGES	02.19.16
OSHPD COMMENTS	08.30.16
OSHPD COMMENTS	12.22.16
OSHPD COMMENTS	03.03.17
OSHPD COMMENTS	03.28.17
DESIGN CHANGES	04.14.17
REV: DESCRIPTION	DATE:
CONSULTANT	

OSHPD APPROVAL STAMP:
OSHPD #: S152912-37-00

ELECTRICAL NOTES AND LEGENDS

PROJECT TITLE:	TCMC SCHIFF FAMILY NICU RENOVATION
PROJECT #:	01549.01
DRAWN BY:	Author
CHECKED BY:	Checker
SCALE:	
DATE:	11/13/15

E-0.1



GENERAL NOTES

1. REFER TO "GENERAL NOTES" ON ELECTRICAL LEGENDS AND NOTES SHEET FOR WIRING METHODS, MATERIALS, AND REQUIREMENTS.
2. ALL CIRCUIT BREAKERS, PANELBOARDS AND TRANSFORMERS SHALL BE OF THE SAME MANUFACTURER.
3. ALL GROUND CONNECTIONS SHALL BE CADWELD.
4. THE FEEDER LENGTHS SHOWN ON THESE DRAWINGS ARE FOR CALCULATION ONLY AND ARE NOT VALID FOR CONSTRUCTION, BIDDING OR FOR SHORT CIRCUIT CALCULATIONS.
5. CONTRACTOR SHALL UPDATE EXISTING PANEL DIRECTORY OR CREATE A NEW TYPED DIRECTORY, IF ONE DOES NOT EXIST, IDENTIFYING EACH CIRCUIT AND INSTALLED CIRCUIT LOADS, MOUNTED IN GLASS OR PLASTIC INSIDE DOOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR UPDATING DIRECTORIES TO INDICATE ALL NEW CIRCUITS AND ACTUAL AREA SERVED WHICH IS NOT NECESSARILY THE DESCRIPTION INDICATED ON THE BID DOCUMENTS. USE A COMPUTER OR TYPEWRITER TO CREATE DIRECTORY; HANDWRITTEN DIRECTORIES ARE NOT ACCEPTABLE.

CONSTRUCTION NOTES

- ① EXISTING DISTRIBUTION TO BE REUSED AND PROTECTED IN PLACE.
- ② PROVIDE NEW CIRCUIT BREAKERS IN EXISTING PANELBOARD AS SHOWN, TYPE AND AIC RATING TO MATCH EXISTING.
- ③ EXISTING FEEDER CIRCUIT TO BE PROTECTED IN PLACE AND REUSED.
- ④ PROVIDE #10 BONDING CONDUCTOR PER CEC 517.14 SHALL BE PROTECTED IN PLACE.
- ⑤ PROVIDE NEW FEEDER CONDUIT AND CONDUCTORS.
- ⑥ PROVIDE NEW PANELBOARD AS SHOWN, REFER. TO PANEL SCHEDULES.
- ⑦ PROVIDE NEW 100A/3P CIRCUIT BREAKER IN EXISTING SWITCHBOARD, TYPE AND AIC RATING TO MATCH EXISTING.
- ⑧ CONTRACTOR SHALL LABEL PANELBOARD AND ASSOCIATED BRANCH CIRCUITS PER CEC 408.4(B).

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TCMC NICU RENOVATION

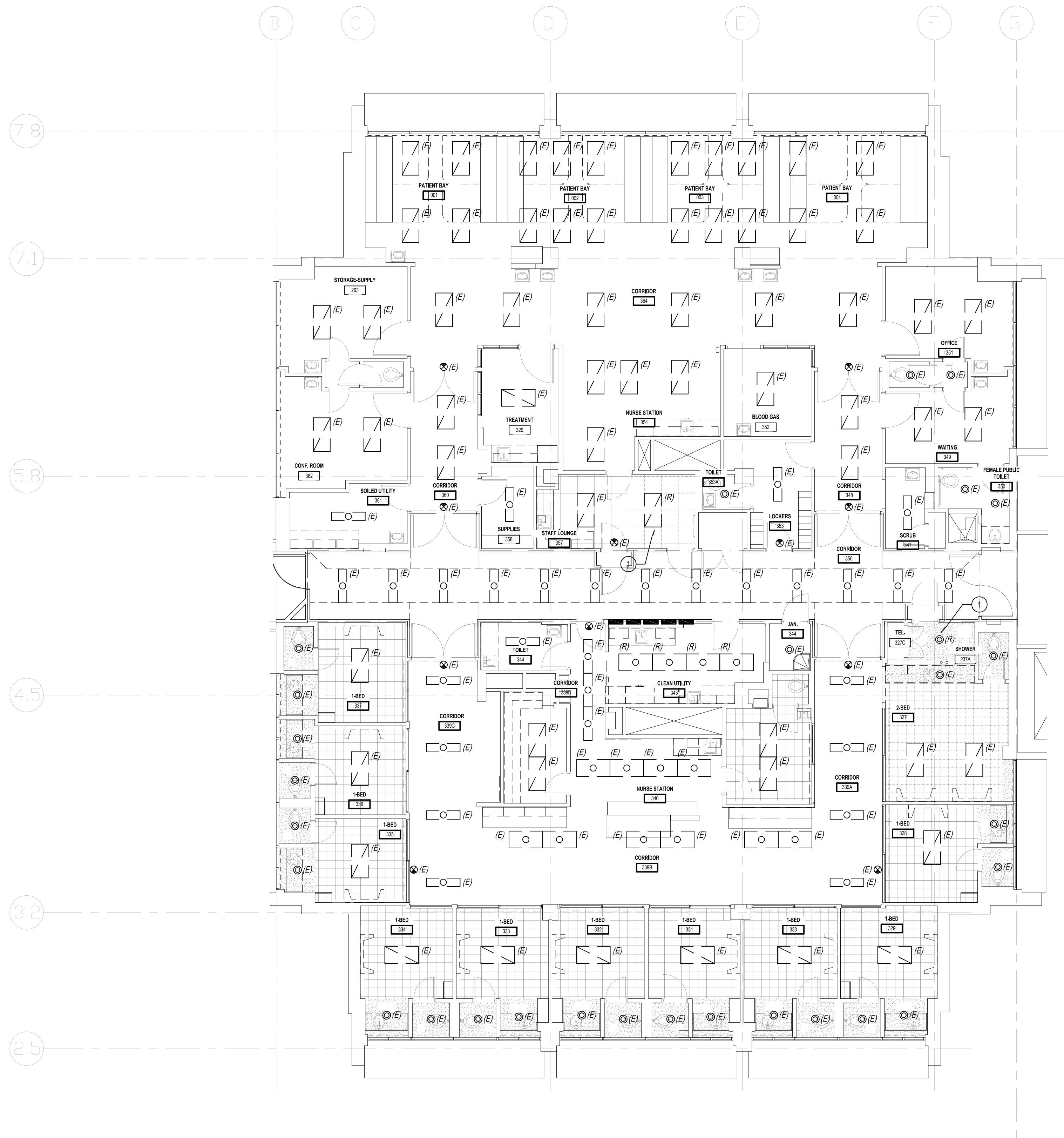
TRI-CITY MEDICAL
CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA
92056

OWNER:

TRI-CITY MEDICAL CENTER

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GENERAL NOTES

1. COORDINATE LIGHT FIXTURE LOCATIONS AND LIGHT SWITCH LOCATIONS, COLOR, AND STYLE WITH ARCHITECT.

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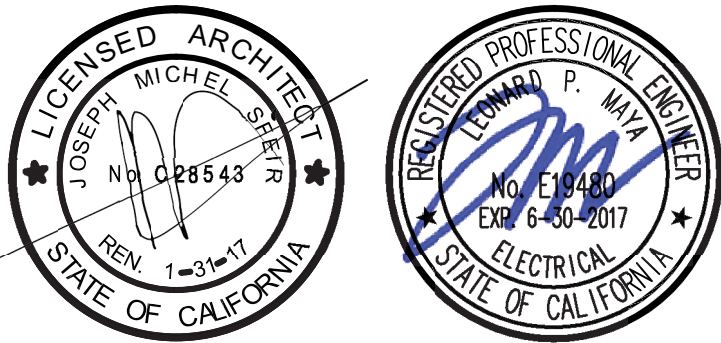
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CONSTRUCTION NOTES

1. CONTRACTOR IS TO DEMO EXISTING LIGHT FIXTURE. CONTRACTOR IS TO PROTECT IN PLACE EXISTING CIRCUIT.



△	OSHPD COMMENTS	02.19.16
△	DESIGN CHANGES	02.19.16
△	OSHPD COMMENTS	08.30.16
△	OSHPD COMMENTS	12.22.16
△	OSHPD COMMENTS	03.03.17
△	OSHPD COMMENTS	03.28.17
△	DESIGN CHANGES	04.14.17
REV:	DESCRIPTION	DATE
CONSULTANT		

OSHPD APPROVAL STAMP:
OSHPD #: S152912-37-00

DEMOLITION LIGHTING FLOOR PLAN

PROJECT TITLE:
TCMC SCHIFF FAMILY NICU
RENOVATION

PROJECT # 01549.01 SHEET NUMBER:

DRAWN BY:

Author

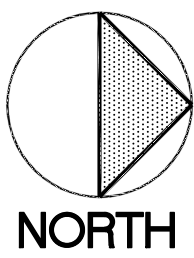
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DATE:
11/13/15

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DEMOLITION LIGHTING FLOOR PLAN

SCALE: 1/8" = 1'-0"

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1. THE CONTRACTOR SHALL INSPECT AND VERIFY ALL FIELD CONDITIONS PRIOR TO START OF WORK.

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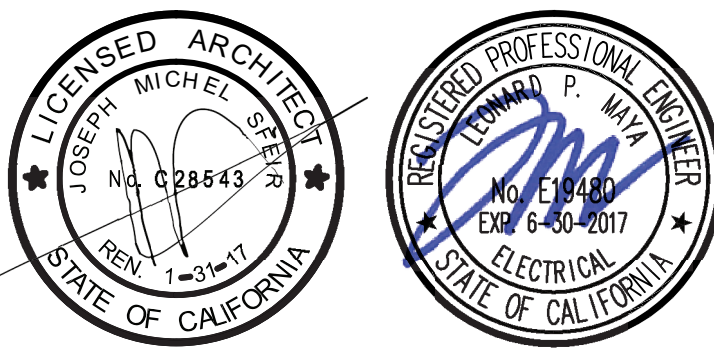
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




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- 1 EXISTING HEADWALL TO BE REMOVED. CONTRACTOR IS TO PROTECT IN PLACE EXISTING HEADWALL CIRCUITS. CIRCUITS WILL BE REUSED FOR NEW HEADWALLS.
- 2 CONTRACTOR IS TO REMOVE EXISTING EMERGENCY CALL BUTTON AND CABLING FROM EXISTING HEADWALL AND RELOCATE TO NEW HEADWALL UNIT.
- 3 CONTRACTOR IS TO DEMO EXISTING OUTLET AND ASSOCIATE CONDUITS, BOXES AND OUTLETS BACK TO SOURCE.



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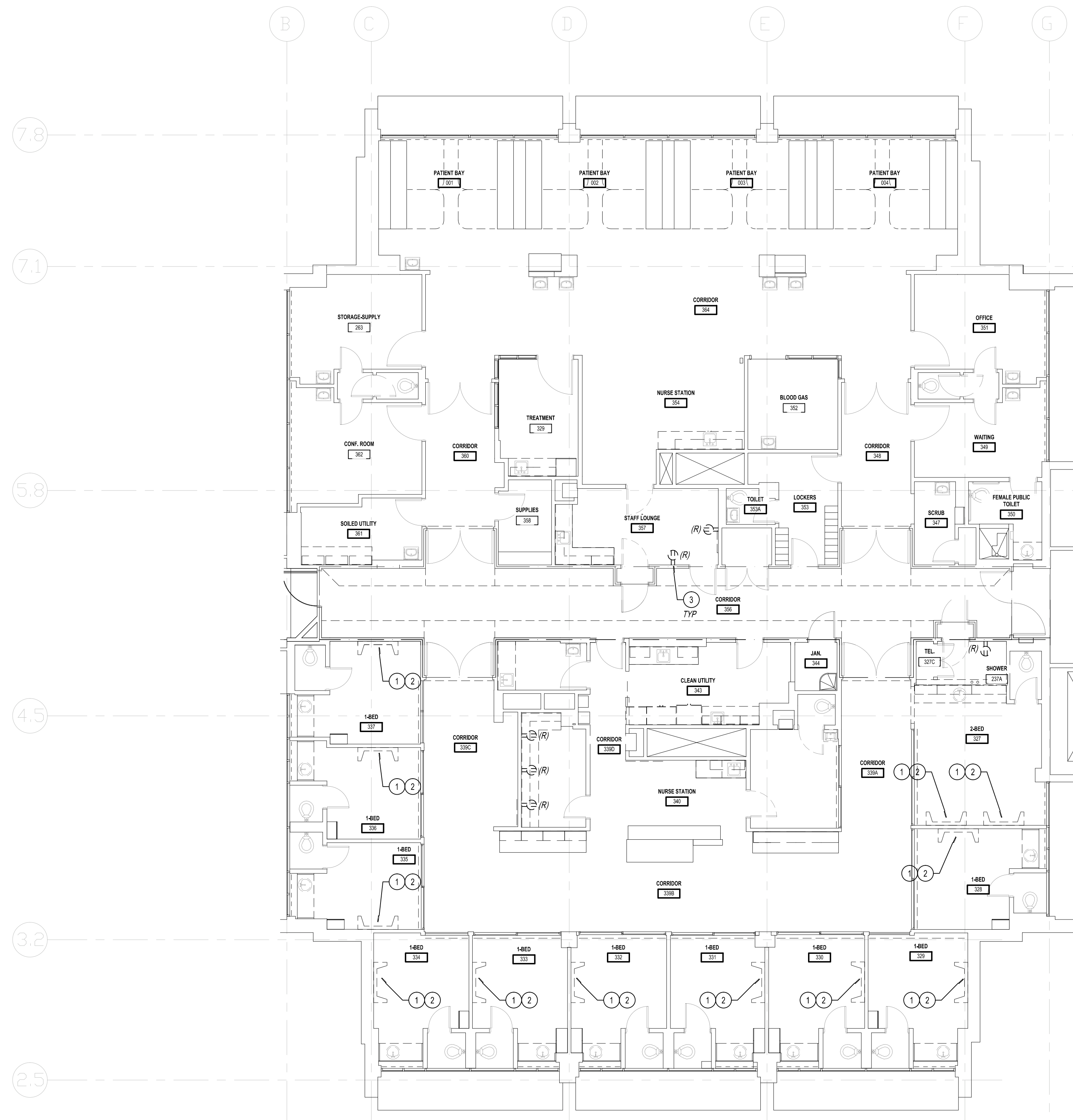
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SHEET TITLE:

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TCMC SCHIFF FAMILY NICU
RENOVATION

PROJECT #: 01549.01
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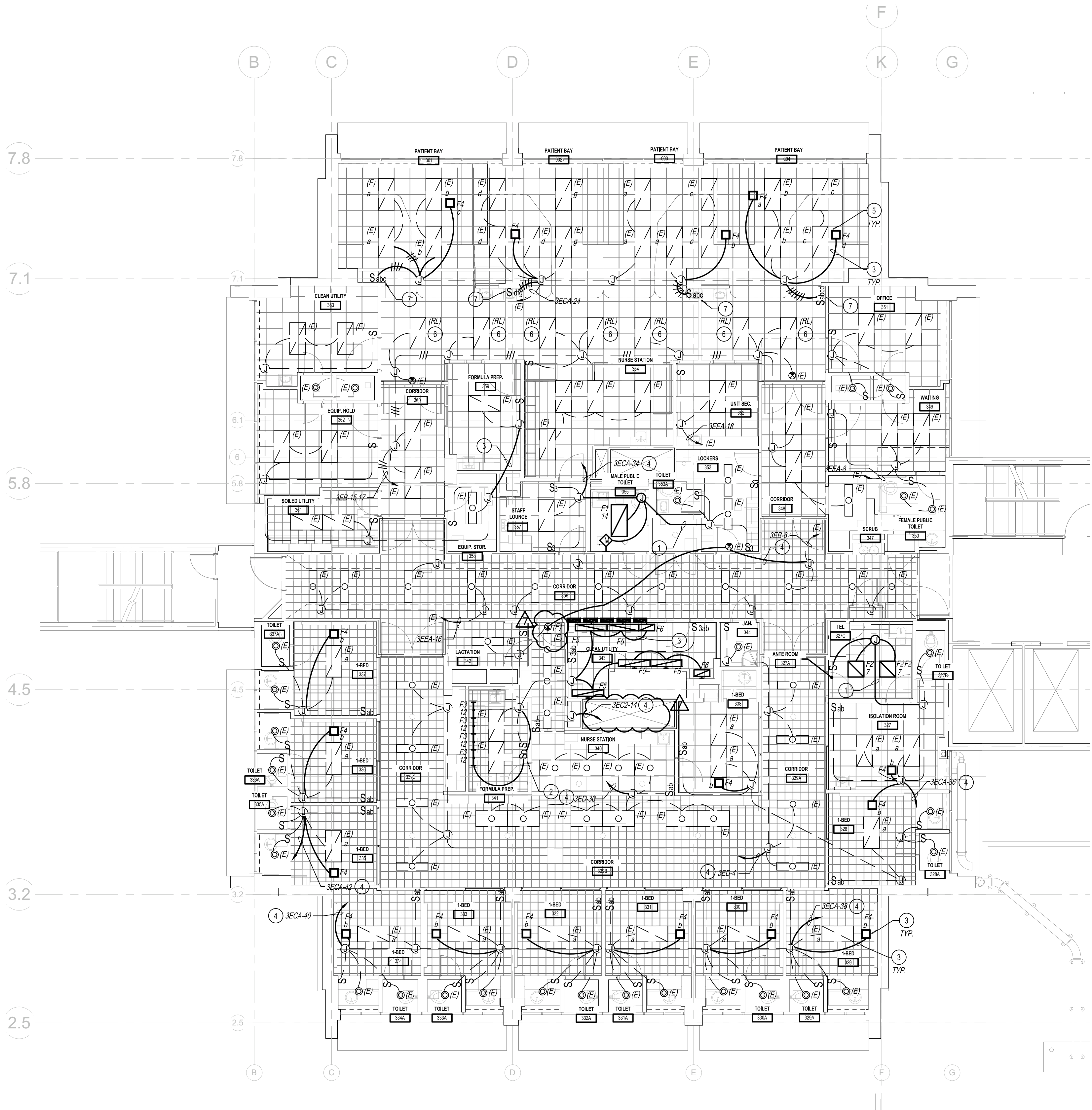


SCALE: 1/8" = 1'-0"

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100% CONSTRUCTION DRAWINGS



GENERAL NOTES

- COORDINATE LIGHT FIXTURE LOCATIONS AND LIGHT SWITCH LOCATIONS, COLOR, AND STYLE WITH ARCHITECT.
- ALL CIRCUITS LABELED AS (E) ARE EXISTING AND ARE TO BE REUSED AND PROTECTED IN PLACE.
- FOR IACU TO VERIFY THAT THE BRANCH CIRCUIT SERVING THE PATIENT BED LOCATIONS SHALL HAVE A DEDICATED NEUTRAL PER CIRCUIT.

CONSTRUCTION NOTES

- CONNECT NEW FIXTURE TO EXISTING CIRCUIT PROTECTED IN PLACE FROM REMOVED FIXTURE.
- PROVIDE NEW DIMMER SWITCH AND CONNECT TO EXISTING LIGHTING CIRCUIT SERVING ROOM.
- EXTEND EXISTING BRANCH CIRCUIT TO NEW FIXTURE LOCATION. PROVIDE 2#12 1"12G 1" FROM JUNCTION BOX TO NEW FIXTURE. CIRCUIT TO ONE OF THE SWITCHES IN THE ROOM.
- PROVIDE NEW BRANCH CIRCUIT TO APPROPRIATE BRANCH.
- PROVIDE NEW SWITCH FOR OVERHEAD BED LIGHT. SWITCH TO BE LOCATED NEAR BED ON WALL.
- CONTRACTOR SHALL RELOCATE EXISTING LIGHT FIXTURES 4'-0" EASTWARD TO AVOID CONFLICTS WITH CURTAIN WALL. RECONNECT AS REQUIRED. RELOCATED LIGHTING FIXTURE TO EXISTING CIRCUITS. REWORK WIRING TO ACCOMMODATE SWITCHING CONFIGURATION SHOWN.
- CONTRACTOR SHALL PROVIDE MULTI-LEVEL SWITCHING FOR FIXTURES PER NEC 517 REQUIREMENTS.

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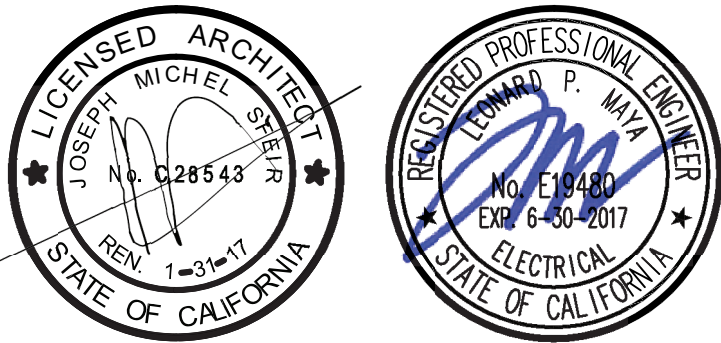
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LIGHTING FLOOR PLAN

PROJECT TITLE:
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RENOVATION

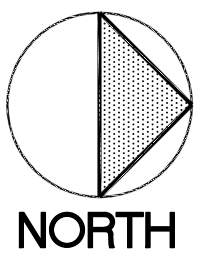
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LIGHTING FLOOR PLAN

SCALE: 1/8" = 1'-0"

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TCMC NICU RENOVATION

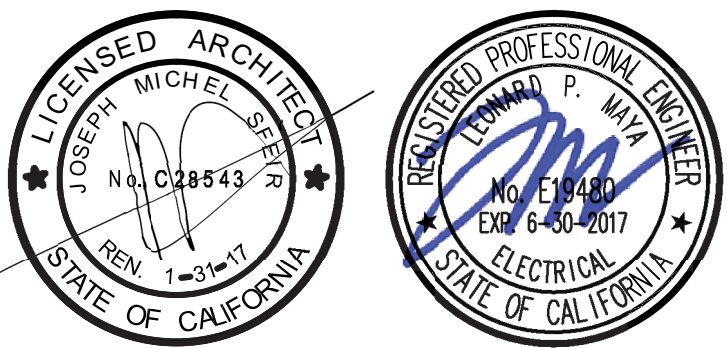
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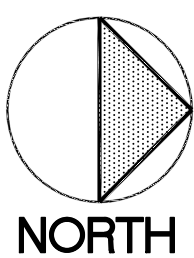
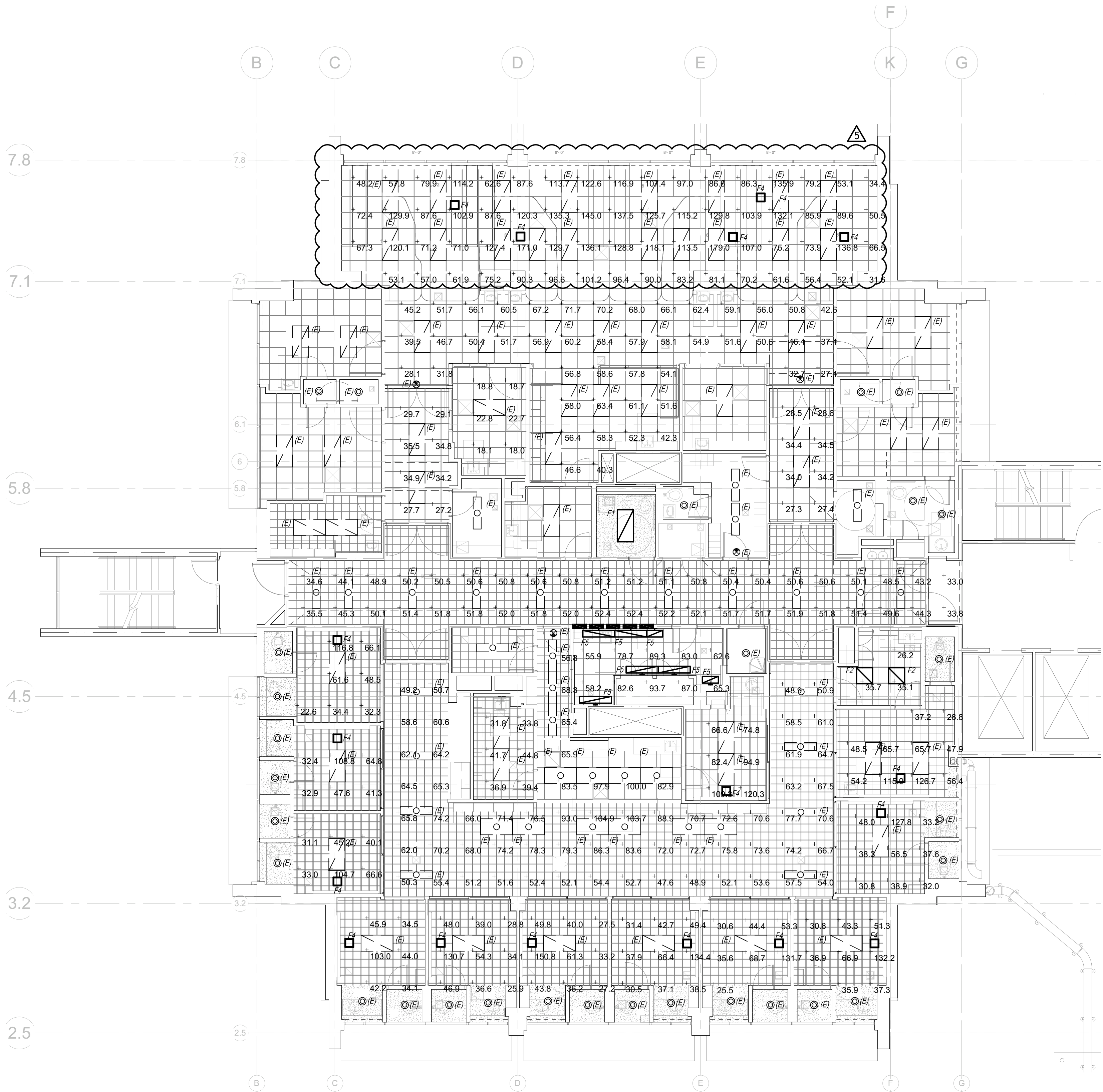
PHOTOMETRIC LIGHTING FLOOR PLAN

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PHOTOMETRIC LIGHTING FLOOR PLAN

SCALE: 1/8" = 1'-0" 1

TCMC NICU RENOVATION

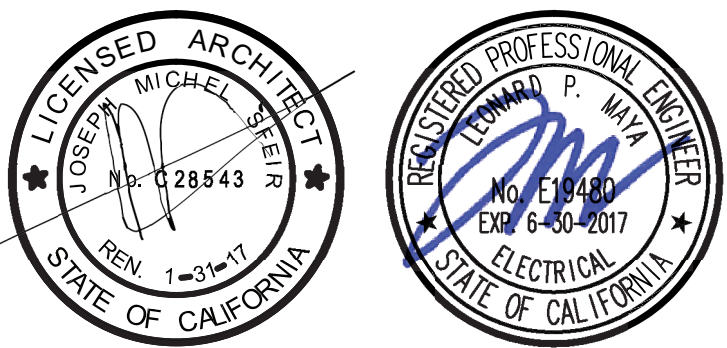
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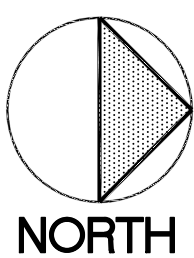
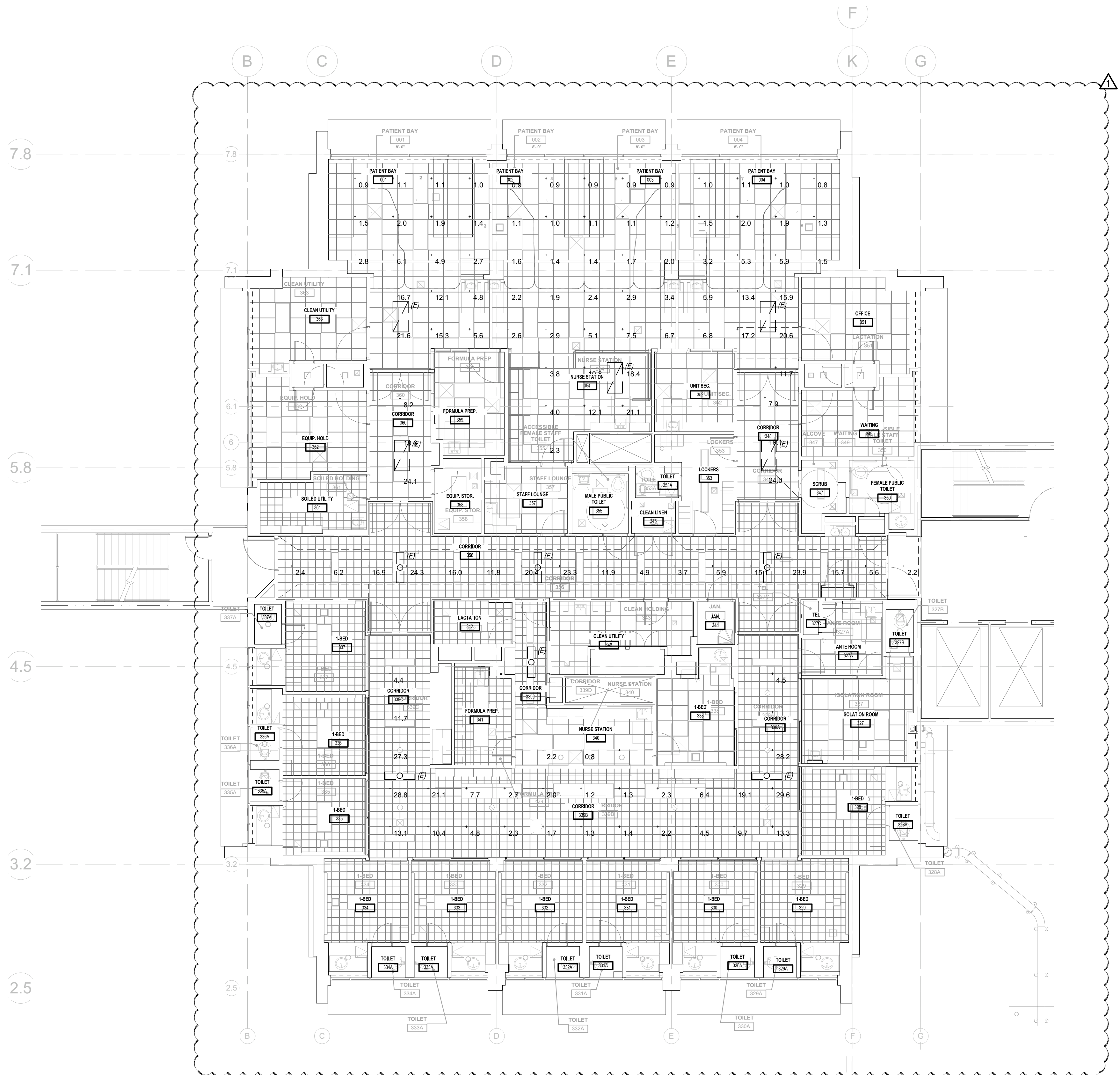
CRITICAL LIGHTING PHOTOMETRIC FLOOR PLAN

PROJECT TITLE:
TCMC SCHIFF FAMILY NICU
RENOVATION

PROJECT # 01549.01
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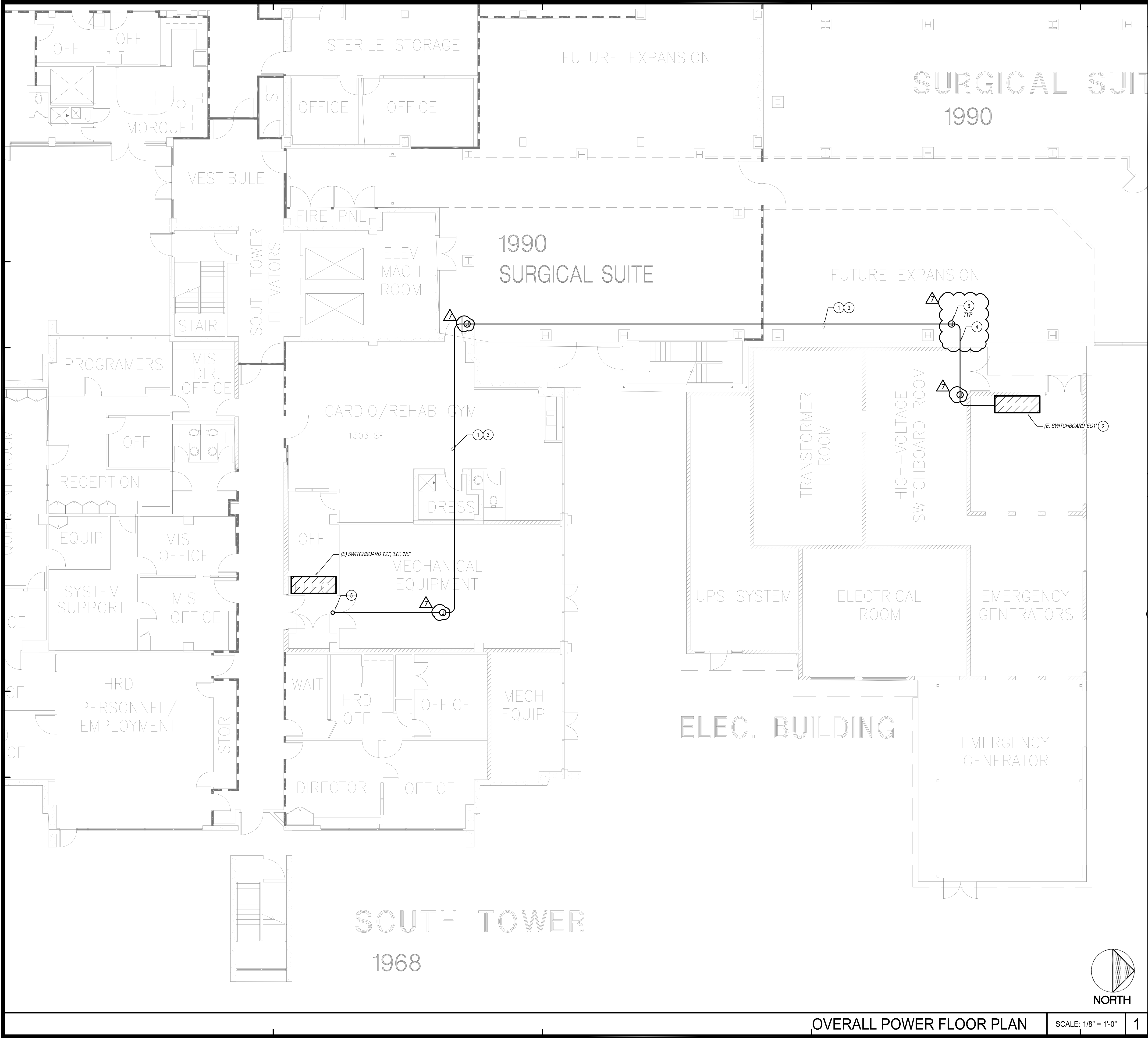
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CRITICAL LIGHTING PHOTOMETRIC FLOOR PLAN

SCALE: 1/8" = 1'-0"

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GENERAL NOTES

1. NO PIPING, DUCTS OR EQUIPMENT FOREIGN TO ELECTRICAL EQUIPMENT SHALL BE PERMITTED TO BE LOCATED WITHIN A SPACE EXTENDING FROM FLOOR TO A HEIGHT OF 6' ABOVE THE EQUIPMENT. CEC 110.26(E).

CONSTRUCTION NOTES

1. SEE SINGLE LINE DIAGRAM FOR FEEDER INFORMATION.
2. EXISTING SWITCHGEAR TO BE REUSED. REFER TO SINGLE LINE DIAGRAM FOR FURTHER INFORMATION.
3. CONTRACTOR IS TO SUPPORT CONDUIT EVERY 10' AND WITHIN 3' OF ANY BOXES AND/OR TERMINATION.
4. CONTRACTOR IS TO CORE DRILL THRU EXISTING CONCRETE WALL, REFER TO DETAIL.
5. CONTRACTOR IS TO LOCATE EXISTING SHAFT AND RISE CONDUIT UP TO 3RD FLOOR. SUPPORT CONDUIT IN SHAFT EVERY 10' AND WITHIN 3' OF ANY TERMINATIONS.
6. CONTRACTOR IS TO PROVIDE JUNCTION BOX IN CEILING.

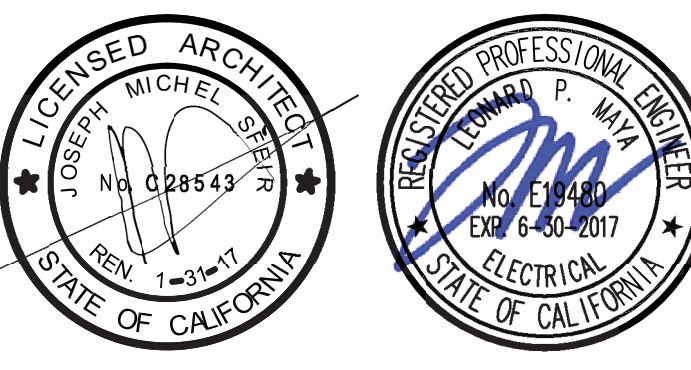
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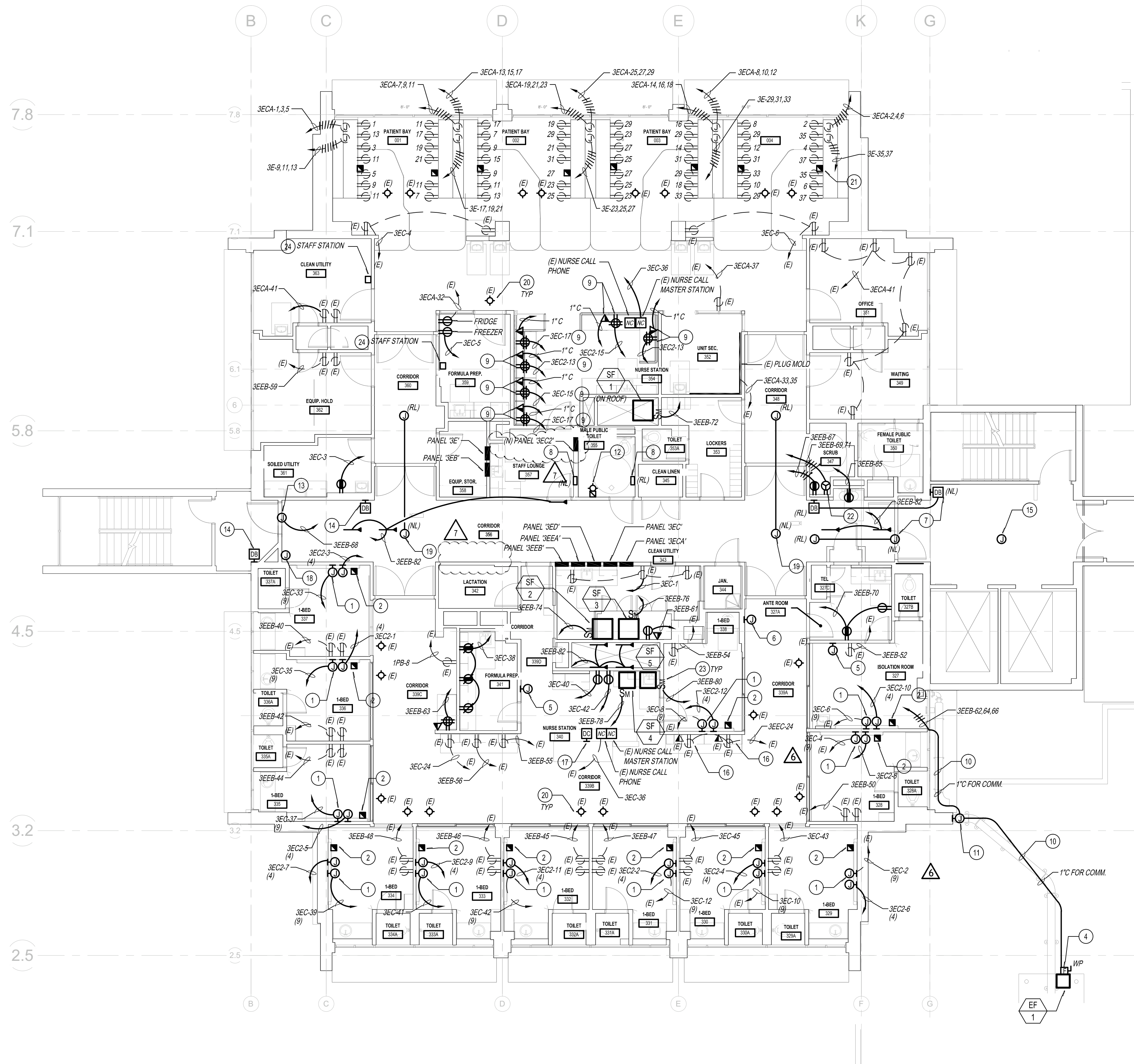
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OVERALL POWER FLOOR PLAN

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PROJECT #: 01549.01 SHEET NUMBER:
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OVERALL POWER FLOOR PLAN

SCALE: 1/8" = 1'-0" 1



GENERAL NOTES

- COORDINATE POWER AND DATA DEVICE LOCATIONS, AND DEVICE PLATE COLOR WITH ARCHITECT.
- ALL PATIENT CARE RECEPTACLES AND FIXED EQUIPMENT SHALL BE GROUNDED BY AN INSULATED COPPER CONDUCTOR. IN ADDITION THE CIRCUITS SERVING PATIENT CARE RECEPTACLES AND FIXED EQUIPMENT SHALL BE INSTALLED IN A METAL RACEWAY, WHICH QUALIFIES AS AN EQUIPMENT GROUNDING RETURN PATH IN ACCORDANCE CEC 250-118.
- ALL CONDUITS SHALL BE INSTALLED IN THE CEILING BELOW U.O.N.
- REFER TO MECHANICAL AND PLUMBING PLANS FOR THE EXACT LOCATION OF HVAC EQUIPMENT AND ADDITIONAL WIRING REQUIREMENTS.
- PROVIDE FLEXIBLE SEAL TYPE CONDUIT FOR CONNECTION TO ALL HVAC EQUIPMENT.
- ALL EXTERIOR ELECTRICAL EQUIPMENT SHALL BE NEMA 3R.
- PROVIDE HEAVY DUTY DISCONNECT SWITCHES WITH DUAL ELEMENT FUSES TO MATCH MOTOR H.P. RATING.
- EXISTING NURSE CALL SYSTEM COMPLIES WITH TABLE 1224.4.6.5.
- ALL EXISTING HOMERUNS ARE #12 COPPER CONDUCTORS UNLESS OTHERWISE NOTED.
- ALL CIRCUITS LABELED AS (E) ARE EXISTING AND ARE TO BE REUSED AND PROTECTED IN PLACE.
- FOR IORAC TO VERIFY THAT THE BRANCH CIRCUIT SERVING THE PATIENT BED LOCATIONS SHALL HAVE A DEDICATED NEUTRAL PER CIRCUIT.

CONSTRUCTION NOTES

- CONTRACTOR IS TO LOCATE EXISTING HEADWALL CIRCUITS, EXTEND AND MAKE FINAL CONNECTION TO NEW HEADWALL. CONTRACTOR IS TO CIRCUIT NEW OUTLETS IN HEADWALL TO APPROPRIATE CIRCUIT PER CEC 517.18(A).
- EXISTING EMERGENCY CALL BUTTON TO BE INSTALLED TO NEW HEADWALL. COORDINATE INSTALLATION WITH HEADWALL PROVIDER.
- PROVIDE FINAL CONNECTION TO NEW WATER HEATER.
- V.F.D. CONTROL FOR MECHANICAL UNIT. PROVIDE POWER TO EQUIPMENT ROUTED THROUGH V.F.D. WHICH CONSISTS OF INTEGRAL DISCONNECT AND OVERLOAD PROTECTION. COORDINATE EXACT LOCATION WITH MECHANICAL PLANS PRIOR TO ROOF PENETRATION. REFER TO MECHANICAL PLANS FOR FURTHER INFO. CONFIRM ALL CONTROL AND BRANCH CIRCUIT WIRING WITH MECHANICAL AND PLUMBING PLAN PRIOR TO INSTALLATION.
- EXHAUST FAN AUDIOVISUAL ALARM. COORDINATE WITH FIRE ALARM CONTRACTOR FOR EXACT MOUNTING OF DEVICE. PROVIDE 1" CONDUIT AND WIRING PER SYSTEM REQUIREMENTS.
- EXHAUST FAN PANEL. ROUTE 1" CONDUIT FROM PANEL TO EXHAUST FAN LOCATED AT ADJACENT ROOF. COORDINATE WITH MECHANICAL DRAWINGS FOR A COMPLETE FUNCTIONING SYSTEM.
- CONTRACTOR IS TO RELOCATE EXISTING CARD READER AND MAGLOCKS FROM EXISTING DOOR TO NEW ENTRY DOOR LOCATIONS. COORDINATE EXACT LOCATIONS IN FIELD WITH SECURITY VENDOR.
- CONTRACTOR IS TO RELOCATE EXISTING ELECTRICAL ENCLOSURE. CONTRACTOR IS TO EXTEND ALL EXISTING CONDUITS, CONDUCTORS AND LOW VOLTAGE CABLES TO NEW LOCATION SHOWN.
- PROVIDE SYSTEMS FURNITURE POWER AND DATA JUNCTION BOXES, WHIPS (POTENTIALS) AND INTERIOR CONDUCTORS AND LOW VOLTAGE CABLES PER FURNITURE MANUFACTURER SPECIFICATIONS. VERIFY LOCATIONS WITH FURNITURE DRAWINGS AND INSTALLER PRIOR TO ROUGH-IN.
- CONTRACTOR IS TO FOLLOW SAME CONDUIT PATH AS NEW EXHAUST FAN DUCT WORK.
- CONTRACTOR IS TO PROVIDE (2) WEATHERPROOF JUNCTION BOXES AT THIS LOCATION. (1) FOR POWER AND (1) FOR COMMUNICATIONS.
- CONTRACTOR IS TO PROVIDE NEW AUDIOVISUAL DEVICE IN PUBLIC RESTROOM. INSTALL TO EXISTING FIRE ALARM SYSTEM. PROVIDE NEW CONDUITS, CABLES AND AS-BUILT INFORMATION ON INTEGRATION TO EXISTING SYSTEM. NEW DEVICE MANUFACTURER TO MATCH EXISTING.
- PROVIDE POWER FOR NEW MAGNETIC HOLD OPENER DEVICE AT DOOR CONTROLLED BY CARD READER. VERIFY EXACT POWER REQUIREMENTS WITH DOOR INSTALLER PRIOR TO ROUGH-IN.
- PROVIDE 4S OUTLET BOX AND STUB 3/4" C.O. 6" ABOVE CEILING SPACE FOR CARD READER. PROVIDE BUSHING AND PULL WIRE. VERIFY ADDITIONAL REQUIREMENTS WITH LOW VOLTAGE VENDOR PRIOR TO ROUGH-IN.
- PROVIDE 4S OUTLET BOX FOR SECURITY CAMERA AND PROVIDE 1" C BACK TO DB ROOM IN SPACE. PROVIDE CAT 3E CABLE FROM CAMERA TO POE SWITCH. VERIFY ADDITIONAL REQUIREMENTS WITH LOW VOLTAGE VENDOR PRIOR TO ROUGH-IN.
- CONTRACTOR IS TO PROTECT IN PLACE EXISTING POWER AND DATA OUTLETS. RELOCATED EXISTING TO NEW COUNTER TOP.
- DOOR RELEASE BUTTON FOR ELEVATOR LOBBY DOORS. PROVIDE 4S BACK BOX AND STUB 3/4" C.O. 6" ABOVE CEILING SPACE FOR DOOR RELEASE. ROUTE CONDUIT DOWN UNDER FLOOR. POP UP IN NEWLY FURRED OUT WALL IN CLOSET NEXT SHAFT. PROVIDE BUSHING AND PULL WIRE. VERIFY ADDITIONAL REQUIREMENTS WITH LOW VOLTAGE VENDOR PRIOR TO ROUGH-IN.
- PROVIDE 4S BACK BOX FOR DOOR ALARM SOUNDER. PROVIDE 1" C BACK TO DB OVERFLOW ACCESS CONTROL PANEL LOCATED ON 2ND FLOOR. PROVIDE CONDUIT END CAP BUSHINGS AND PULL WIRE. VERIFY CABLING AND ADDITIONAL REQUIREMENTS WITH LOW VOLTAGE VENDOR PRIOR TO ROUGH-IN.
- CONTRACTOR IS TO RELOCATE EXISTING CAMERAS TO NEW LOCATION AS SHOWN. EXTEND CONDUIT AND WIRING AS NECESSARY. COORDINATE EXACT REQUIREMENTS AND LOCATIONS IN FIELD WITH SECURITY VENDOR.
- EXISTING NURSE CALL VISUAL ALARM DEVICE TO REMAIN AND BE REUSED.
- EXISTING EMERGENCY NURSE CALL BUTTON CONTROLLER VISUAL ALARM DEVICE. PROTECT IN PLACE.
- PROVIDE 30A/2-POLE, 208V CONNECTION TO NEW CLOTHES DRYER AS SHOWN. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.
- PROVIDE AND INSTALL NEMA 3R MOTOR RATED SNAP SWITCH.
- PROVIDE AND INSTALL NEW STAFF STATION AND CONNECT TO EXISTING NURSE CALL SYSTEM. PROVIDE LOW VOLTAGE CABLE IN 3/4" C.

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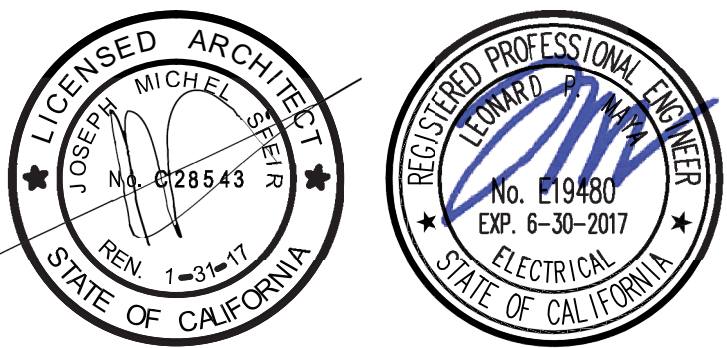
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CONSULTANT

OSHPD APPROVAL STAMP:
OSHPD #: S152912-37-00

SHEET TITLE:

POWER FLOOR PLAN

PROJECT TITLE:
TCMC SCHIFF FAMILY NICU
RENOVATION

PROJECT #:
01549.01

DRAWN BY:
Author

CHECKED BY:
Checker

SCALE:
11/13/15

E-3.1

POWER FLOOR PLAN

SCALE: 1/8" = 1'-0"

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