

REGULATORY NOTES

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CODE ANALYSIS THE CONSTRUCTION OF THIS PROJECT SHALL CONFORM TO THE REQUIREMENTS OF:

- 2013 CALIFORNIA BUILDING CODE, BASED ON 2012 IBC
- 2013 CALIFORNIA FIRE CODE, BASED ON 2012 IFC 2013 CALIFORNIA PLUMBING CODE, BASED ON 2012 UPC 2013 CALIFORNIA MECHANICAL CODE, BASED ON 2012 UMC
- 2013 CALIFORNIA ELECTRICAL CODE, BASED ON 2011 NEC 2013 CALIFORNIA ENERGY STANDARDS
- G. 2013 CALIFONRIA GREEN STANDARDS BUILDING CODE

SEISMIC RESTRAINTS

PIPING

A. SEISMIC BRACING AND ANCHORAGE OF PLUMBING PIPING SHALL BE IN ACCORDANCE WITH THE "GUIDELINES FOR SEISMIC RESTRAINTS OF MECHANICAL SYSTEMS AND PLUMBING PIPING SYSTEMS," PUBLISHED BY SMACNA.

MANDATORY CONSERVATION MEASURES

WATER

- A. WATER CLOSETS SHALL BE WATER CONSERVING 128 GALLONS PER FLUSH TYPE.
- B. LAVATORY, SINK FITTINGS AND SHOWER ASSEMBLIES SHALL BE LISTED AS "APPROVED" BY THE CALIFORNIA ENERGY COMMISSION.
- AERATOR AND SHOWER HEADS SHALL INCLUDE INTEGRAL FLOW RESTRICTING DEVICES TO LIMIT FLOW AS FOLLOWS: A) FAUCET AERATOR - 1.5 GPM MAXIMUM B) SHOWER HEADS - 2.0 GPM MAXIMUM

D. URINALS SHALL BE 0.5 GALLON PER FLUSH OR LESS

ENERGY

- A. DOMESTIC HOT WATER PIPING INSULATION SHALL BE LISTED AS "APPROVED" BY THE CALIFORNIA ENERGY COMMISSION.
- B. DOMESTIC HOT WATER PIPING SHALL BE INSULATED CONSISTENT WITH THE REQUIREMENTS OF THE CALIFORNIA ENERGY COMMISSION ENERGY EFFICIENCY STANDARDS SECTIONS 118 AND 123.

MANDATORY ACCESSIBILITY MEASURES

FIXTURES

A. ACCESSIBLE PLUMBING FIXTURES SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE 2013 CALIFORNIA BUILDING CODE.

FITTINGS AND TRIM

- A. EXPOSED P-TRAP ASSEMBLY AND HOT & COLD WATER SUPPLIES SHALL INCLUDE PRE-MANUFACTURED INSULATION
- B. THE FORCE REQUIRED TO OPERATE LAVATORY OR SINK FAUCETS SHALL BE NO GREATER THAN 5 LBS. SELF CLOSING FAUCETS SHALL HAVE MINIMUM 10 SECOND CYCLE TIME.

CROSS CONNECTION CONTROL MEASURES

PLUMBING SPECIALTIES

A. HOSE BIBBS SHALL BE EQUIPPED WITH INTEGRAL VACUUM BREAKERS.

FIRE RESISTIVE BUILDING MATERIALS

PIPING INSULATION

ALL INSULATING MATERIAL SHALL BE INSTALLED IN COMPLIANCE WITH THE FLAME SPREAD RATING AND SMOKE DENSITY REQUIREMENTS OF SECTION 120.7 OF 2013 CALIFORNIA BUILDING CODE.

INSULATION, INSULATION JACKET, ADHESIVES, TAPES, ETC. SHALL BE APPLIED PER MANUFACTURERS WRITTEN INSTALLATION INSTRUCTIONS

PROJECT NOTES

GENERAL

- A. YERIFY ALL DIMENSIONS, ELEVATIONS AND SITE CONDITIONS PRIOR TO THE COMMENCEMENT OF ANY WORK. IN THE EVENT OF ANY DISCREPANCIES THE STATE'S REPRESENTATIVE SHALL BE IMMEDIATELY NOTIFIED IN WRITING.
- B. ALL OMISSIONS AND OR CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE CONSTRUCTION DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF AND RESOLVED WITH THE STATE'S REPRESENTATIVE PRIOR TO PROCEEDING WITH ANY OF THE AFFECTED WORK.
- C. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE REQUIREMENTS OF CBC AND CPC.
- D. THE PLUMBING CONSTRUCTION DOCUMENTS REPRESENT THE PLUMBING AND PIPING SYSTEMS, NOT THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LABOR, MATERIALS, EQUIPMENT AND ACCESSORIES NECESSARY TO ACHIEVE THE FINISHED SYSTEMS.

GENERAL NOTES

- WATER HAMMER ARRESTERS SHALL BE PROVIDED AT QUICK CLOSING FIXTURES PER CPC 609.10.
- STOP VALVES SHALL BE PROVIDED AT ALL FIXTURES TO ENABLE REGULATION OF FLOW AND SHUT DOWN OF SUPPLY TO FIXTURES PER CPC 606.0
- PENETRATIONS OF PIPES, CONDUITS, ETC IN WALLS, FLOORS OR CEILING ASSEMBLIES REQUIRING PROTECTED OPENINGS SHALL BE A TESTED ASSEMBLY PER CPC 312.7
- 4. MOUNTING HEIGHTS FOR HANDICAPPED FIXTURES TO COMPLY WITH ADA REQUIREMENTS PER ARCHITECTURAL DRAWINGS.
- 5. A TRAP PRIMER VALVE SHALL BE USED WITH ALL FLOOR DRAINS IN ORDER TO MAINTAIN THE TRAP SEAL PER CPC 1007.1
- 6. SHOWERS AND TUB SHOWER COMBINATIONS SHALL BE PROVIDED WITH INDIVIDUAL CONTROL VALVES OF THE PRESSURE BALANCING OR THE THERMOSTATIC MIXING YALVE TYPE. HANDLE POSITION STOPS SHALL BE ADJUSTED TO DELIVER A MAXIMUM MIXED WATER SETTING OF 120°F PER CPC 408.3

FIRE PROTECTION

- THE AUTOMATIC FIRE PROECTION SYSTEM SHALL CONFORM TO THE REQUIREMENTS OF NFPA 13 (2013). FIRE SPRINKLER PIPING WORK AND/OR ALTERATIONS SHALL BE PERFORMED BY A LICENSED FIRE SPRINKLER CONTRACTOR.
- FIRE SPRINKLER CONTRACTOR TO COORDINATE PLACEMENT OF SPRINKLERS WITH ELECTRICAL CONTRACTOR TO AVOID CONFLICT WITH CEILING FANS WHERE THEY OCCUR.
- THE FIRE WATER SYSTEM TO BE REVIEWED BY THE FIRE DEPARTMENT AND THE CITY ENGINEER.

	SORW	SANITARY OR WASTE ABOVE FLOOR
	SORW	SANITARY OR WASTE BELOW FLOOR
ow	OW	OIL WASTE
GW	GW	GREASE WASTE
1		
Ф	FCO	FLOOR CLEANOUT
•	POC	POINT OF CONNECTION
	FD	FLOOR DRAIN
	∨ †	SANITARY VENT
	C.W.	COLD WATER
	H.W.	HOT WATER
	H.W.R.	HOT WATER RETURN
\longrightarrow	S.O.Y.	SHUT OFF VALVE/ISOLATION (BALL TYPE)
——Он		WALL CLEANOUT
н		PIPE-UP
		PIPE-DOWN
	H.B.	HOSE-BIBB
	₹₽	TRAP PRIMER
sp	SD	STORM DRAIN
		LPG EARTHQUAKE VALVE
	ABV.	ABOVE
	BEL.	BELOW
	CONT.	CONTINUATION

ABBREY | DESCRIPTION

PIPE M

COUPLINGS

LEGEND

SYMBOLS

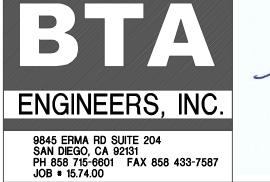
A. ABOVE GRA IRON SOIL PIPE AND FITTINGS ASTM C564 AND IAF STAINLESS STEEL/NEOPRENE GASKETCOUPLING.

BELOW GRADE - SANITARY WASTE AND VENT: PVC SCH 40 DWV SOLID WALL PIPE CELL CLASS 12454 ASTM DI784 & ASTM DI785 AND FITTINGS ASTM D2665, SOLVENT CEMENT ASTM D2564, PRIMER ASTM F656, CAST IRON TO PLASTIC PIPE SHALL BE MADE VIA FERNCO

- B. DOMESTIC COLD AND HOT WATER: ASTM B88, TYPE L, LEAD FREE SOLDER JOINTS, HARD DRAWN COPPER TUBING, FITTINGS ANSI/ASME BIG.22. WROUGHT COPPER, INSULATE HOT WATER.
- C. DOMESTIC COLD WATER-BELOW GRADE: ASTM B88, TYPE K. LEAD FREE SOLDER JOINTS SOFT COPPER TUBING FITTINGS ANSI/ASME BIG 22 WROUGHT COPPER (TRAP PRIMER PIPE WRAPPED IN (2) LAYERS 10 MIL PLUMBERS TAPE)
- D. CONDENSATE DRAINAGE: ASTM B88, TYPE M, LEAD FREE SOLDER JOINTS, HARD DRAWN COPPER TUBING, FITTINGS ANSI/ASME B16.22, WROUGHT COPPER. INSULATED.
- E. 2" BELOW GRADE DOMESTIC COLD WATER SITE PIPING: CORZAN CPVC SCHEDULE 80 IRON PIPE SIZE (IPS), ASTM F441, SOCKET FITTINGS ASTM F 439, NSF 61, INSTALL PER MANUFACTURER'S INSTALL MANUAL.
- F. FIRE SUPPLY PIPE BELOW GRADE: PVC PRESSURE PIPE, AWWA C900, DRIS, 235 PSI, FM LISTED FOR UNDERGROUND FIRE PROTECTION, INSTALLED PER NFPA 24 & 13

PIPE MANUFACTURER'S INSTRUCTIONS/AND LISTING. BURIED WITH A MINIMUM 36" OF COVER.

	FCO POC FD YT C.W. H.W.R. S.O.Y.	FLOOR CLEANOUT POINT OF CONNECTION FLOOR DRAIN SANITARY VENT COLD WATER HOT WATER HOT WATER RETURN SHUT OFF VALVE/ISOLATION (BALL TYPE)	3578 30th Street San Diego, CA 92104 V. 619.236.0595 F. 619.236.0557 www.mpa-architects.com
- બ		WALL CLEANOUT	MEMBER AMERICAN INSTITUTE OF ARCHITECTS
		PIPE-UP PIPE-DOWN	COUNTY OF IMPERIAL
) -+	H.B. TP SD	HOSE-BIBB TRAP PRIMER STORM DRAIN	PLANNING & DEV. SERVICES DEPT 801 MAIN STREET EL CENTRO, CA 92243 (760) 482-4236
		LPG EARTHQUAKE VALVE	PROJECT
	ABY. BEL. CONT. FLR. GR. TYP. Y.T.R. FS	ABOVE BELOW CONTINUATION FLOOR GRADE TYPICAL VENT THROUGH ROOF FLOOR SINK	OPOSED PUBLIC SAFTY FACILITY FOR: WINTERHAVEN WINTERHAVEN, CA
ΛA	TER	IALS	ERHA
PE	AND FITTIN	WASTE AND VENT: NO-HUB CAST GS ASTM C564 AND IAPMO LISTED NE GASKETCOUPLING.	OPOSED PUE WINTE





SHEET TITLE NOTES P 1.0

UBI

REVISIONS

DESCRIPTION

PLU	PLUMBING EQUIPMENT SCHEDULE									
MARK	DESCRIPTION	REMARKS								
	WATER HEATER COMMERCIAL TANK TYPE, ELECTRIC	SEE PLANS	AO SMITH - MODEL DRE-80-18 COMMERCIAL GRADE, 18 TOTAL KW, 208 VOLT/3 PHASE, 50 FULL LOAD AMPS, (3) 6 KW HEATING ELEMENTS, 80 GALLON STORAGE, 92 GPH AT 80°F RISE, 98% THERMAL EFFICIENCY, 950 LB OPERATING WEIGHT, UL APPROVED. WITH FLEXCON INDUSTRIES PH-12 EXPANSION TANK, 4.8 GALLON, 50 LB OPERATING WEIGHT, II'DIA X 14.5 " H	TERMINATE P&T RELIEF LINE AT FLOOR/SERVICE SINK.						
(CP)	CIRCULATION PUMP (IN-LINE)	SEE PLANS	BELL & GOSSET, NBF-9U, 120V/IPHASE, BRONZE CONSTRUCTION, 40 WATTS, LEAD FREE, 2 GPM @ 5 FT HEAD	PROVIDE AQUASTAT & TIMER.						
OI 1	OIL & SAND INTERCEPTOR GRAVITY TYPE	SEE PLANS	JENSEN PRECAST JP1000EE-SO, 1000 GALLON, SAND COIL INTERCEPTOR, 4" INLET/OUTLET, H-20 TRAFFIC RATED, FIELD ADJUSTABLE RISERS TO LID IS FLUSH WITH GRADE, WITH JENSEN PRECAST H-20 RATED SAMPLE BOX							
GD 1	GARBAGE DISPOSAL	SEE PLANS	INSINKERATOR BADGER 5XP, 120V/IPH, 34 HORSEPOWER, 1725 RPM, 8.1 AMPS, DISHWASHER DRAIN CONNECTION, WITH INSINKERATOR PLUG-IN CORD							
(TP)	TRAP PRIMER	SEE PLANS	SIOUX CHIEF 695-01							

WATER FIXTURE SUMMARY									
Appliances, Appurtances or Fixtures	Minimum Fixture Branch Pipe size	Private	Public	Assembley	# Fixtures Added	# Fixtures Removed	# Fixtures Remaining	TOTAL ACROSS	
Hose bibb	1/2"	2.5		-	1			2.5	
Hose bibb each additional	1/2"	1.0		-	3			3.0	
Mopsink	1/2"	1.5	3.0	-	1			3.0	
Dishwasher	1/2"	1.5	1.5	-	2			3.0	
Lavatory	1/2"	1.0	1.0	-	9			9.0	
Kitchen Sink	1/2"	1.5	1.5	-	2			3.0	
Laundry sink	1/2"	1.5	1.5	-	1			1.5	
Shower	1/2"	2.0	2.0	-	5			10.0	
Water Closet, Flush Tank	1/2"	2.5	2.5	3.5	6			15	
Water Closet, Flushometer	1"	5.0	5.0	8.0	2			10	
Clothes Washer	1/2"	4.0	4.0	-	1			4	
Urinal, flushometer	3/4"	3.0	4.0	5.0	3			12	
		_							
	•		Total Fixto	ıre Units →	•	•	•	76	

SEWER FIXTURE SUMMARY									
Appliances, Appurtances or Fixtures	Minimum Trap & Trap arm size	Private	Public	Assembley		# Fixtures Added	# Fixtures Removed	# Fixtures Remaining	TOTAL ACROSS +/-
Lavatory	1-1/4"	1.0	1.0	1.0		9			9.0
Kitchen Sink with dishwasher	2"	2.0	2.0	-		2			4.0
Laundry sink	1-1/2"	2.0	2.0	2.0		1			2.0
Shower	2"	2.0	2.0	2.0		5			10.0
Water Closet	3"	3.0	4.0	6.0		8			32.0
Clothes Washer	2"	3.0	3.0	3.0		1			3
Service Sink	2"	-	3.0	3.0		1			3.0
Urinal	2"	2.0	2.0	5.0		3			6.0
Trench Drain	3"	-	3.0	-		3			9.0
			Total Fixtu	ure Units →					78

WATER CALCULATION PRESSURE ANALYSIS

FIXTURE UNIT/GPM DEMAND

PRESSURE AVAILABLE (MINIMUM) PER WINTERHAVEN WATER DISTRICT

PRESSURE LOSS

(A) WATER METER, BADGER MITØ

(B) BACKFLOW PREVENTOR

(C) RESIDUAL

(D) ELEVATION LOSS (12 FT × 433)

PRESSURE AVAILABLE (P.S.I.)

LONGEST DEVELOPED LENGTH (FT)

CALCULATED ALLOWABLE DROP

PS.I. × 100 / - FT. (DEVELOPED LENGTH) _ P.S.I. / 100 FT.

25 P.S.I. × 100 / - FT. (DEVELOPED LENGTH) _ P.S.I. / 100 FT.

25 P.S.I. × 100 / - FT. (DEVELOPED LENGTH) _ P.S.I. / 100 FT.

25 P.S.I. × 100 / - FT. (DEVELOPED LENGTH) _ P.S.I. / 100 FT.

25 P.S.I. × 100 / - FT. (DEVELOPED LENGTH) _ P.S.I. / 100 FT.

25 P.S.I. × 100 / - FT. (DEVELOPED LENGTH) _ P.S.I. / 100 FT.

25 P.S.I. × 100 / - FT. (DEVELOPED LENGTH) _ P.S.I. / 100 FT.

26 P.S.I. × 100 / - FT. (DEVELOPED LENGTH) _ P.S.I. / 100 FT.

27 P.S.I. × 100 / - FT. (DEVELOPED LENGTH) _ P.S.I. / 100 FT.

28 P.S.I. × 100 / - FT. (DEVELOPED LENGTH) _ P.S.I. / 100 FT.

29 P.S.I. × 100 / - FT. (DEVELOPED LENGTH) _ P.S.I. / 100 FT.

PIPE	SIZE SCHE	DULE	(COLD WATER) COPPER TUBING TYPE 'L')
<u>SIZE</u> 1/2" 3/4" 1" 1-1/4" 1-1/2" 2"	GPM 1.5 5 10 18 29 60	FT. F.U. 1.5 6 13 26 51 175	PIPING SIZE FROM TABLE A2.1, CHARTS PIPING SIZE FROM TABLE A2.1, CHARTS A2.1, A2.1(1) AND A4.1, 2013 CPC BASED ON 3.2 PSI/ 100 FT. MAXIMUM ALLOWABLE PRESSURE DROP AT MAXIMUM VELOCITY OF 8 FEET PER SEC.
PIPE	SIZE SCHE	EDULE	(HOT WATER) COPPER TUBING TYPE 'L'
<u>SIZE</u> 1/2" 3/4" 1" 1-1/4" 1-1/2"	<u>GPM</u> 1.5 5 10 18 28	FT. F.U. 1.5 6 13 26 49	PIPING SIZE FROM TABLE A2.1, CHARTS A2.1, A2.1(1) AND A4.1, 2013 CPC BASED ON 3.2 PSI/ 100 FT. MAXIMUM ALLOWABLE PRESSURE DROP AT MAXIMUM VELOCITY OF 5 FEET PER SEC.

FIXT	URE CONNECT	ΓΙΟΝ	SCH	ÆDUL	E.		<u>.</u>
MARK	DESCRIPTION	MINIM C.W.		PE CONN	1	MANUFACTURER / MODEL NUMBER OR EQUAL REMARKS	
<u>WC-1</u>	WATER CLOSET-	1/2"	-	3"	2"	AMERICAN STANDARD, CADET PRO RIGHT HEIGHT, 215AA.1004, 12" ROUGH-IN, WITH LEFT	
	FLOOR MOUNTED, (FLUSH TANK) ADA, LEFT FLUSH					HAND FLUSH LEVER, ELONGATED, V.C., 1.28 GPF, WITH BEMIS 1955SSCTP ELONGATED OPEN FRONT SEAT, SUPPLY/ANGLE STOP (CHROME FINISH), FIXTURE COLOR: WHITE, ASME A112.19.2/CSA B45.1-Ø8 COMPLIANT	A R C H
<u>₩C-2</u>	WATER CLOSET- FLOOR MOUNTED, (FLUSH TANK) ADA, RIGHT FLUSH	1/2"	-	3"	2"	AMERICAN STANDARD, CADET PRO RIGHT HEIGHT, 215AA.1065, 12" ROUGH-IN, WITH RIGHT HAND FLUSH LEVER, ELONGATED, V.C., 128 GPF, WITH BEMIS 1955SSCTP ELONGATED OPEN FRONT SEAT, SUPPLY/ANGLE STOP (CHROME FINISH), FIXTURE COLOR: WHITE, ASME A112.19.2/CSA B45.1-08 COMPLIANT	
WC-3	WATER CLOSET- FLOOR MOUNTED, (FLUSH VALVE) ADA	1"	-	4"	2"	ACORN PENAL-WARE 1418FA-3-1.28, FLOOR MOUNTED, 1.28 GALLON PER FLUSH, STAINLESS STEEL COMBO LAY	3578 30th Street San Diego, CA 92104 V. 619.236.0595 F. 619.236.0557
LAV-1	LAVATORY (WALL-MOUNTED) ADA	1/2"	1/2"	2"	1 1/2"	AMERICAN STANDARD - Ø355.Ø12.Ø2Ø, LUCERNE, FRONT OVERFLOW, CONCEALED HANGER, V.C., FIXTURE COLOR WHITE, WITH SYMMONS MODEL S-12-G METERING. LAYATORY, AB1953 COMPLIANT, 1.5 GPM AERATOR, CHROME FINISH, GRID DRAIN, AB1953.NSF 61 ANGLE STOPS & FLEXIBLE SUPPLIES, 17 GAUGE P-TRAP, WITH ASSE 1Ø69, ASSE 1Ø7Ø LISTED MIXING VALVE, CSA B125 TO TEMPER HOT WATER TO 110°F	www.mpa-architects.com MEMBER AMERICAN INSTITUTE OF ARCHITECTS CLIENT COUNTY OF IMPERIAL
LAV-2	LAVATORY (WALL-MOUNTED) ADA	1/2"	1/2"	2"	1 1/2"	AMERICAN STANDARD - Ø356.Ø15.Ø2Ø, LUCERNE, FRONT OVERFLOW, CONCEALED HANGER, V.C., FIXTURE COLOR WHITE, WITH SYMMONS MODEL S-243-1-LAM-1.5, AB1953 COMPLIANT, 1.5 GPM AERATOR, CHROME FINISH, POP-UP DRAIN, AB1953/NSF 61 ANGLE STOPS & FLEXIBLE SUPPLIES, 17 GAUGE P-TRAP, WITH ASSE 1Ø69, ASSE 1Ø7Ø LISTED MIXING VALVE, CSA B125 TO TEMPER HOT WATER TO 110°F	PLANNING & DEV. SERVICES DEPT 801 MAIN STREET EL CENTRO, CA 92243 (760) 482-4236
<u>UR-1</u>	URINAL (ADA) FLUSH VALVE	3/4"	-	2"	1 1/2"	AMERICAN STANDARD 6590.001.020, WASHBROOK URINAL, V.C., 0.125 GPF/I PINT, WITH SLOAN ROYAL 186125 FLUSH VALVE, 0.13 GPF/I PINT GPF, FIXTURE COLOR: WHITE, MOUNT RIM OF URINAL 17" ABOVE FINISHED FLOOR	PROJECT
<u>\$-1</u>	KITCHEN SINK DOUBLE BASIN (UNDER MOUNT)	1/2"	1/2"	2"	1 1/2"	ELKAY - *ELUHAD4218, LUSTERTONE DOUBLE BASIN, 5 1/2" DEEP. 18 GAUGE, 304 S.S., LK-99 STRAINER, "AMERICAN STANDARD 4175.500F15 FAUCET(CHROME FINISH) LESS SPRAYER, AB1953 COMPLIANT, 8" CENTER, WITH 1.5 GPM AERATOR, NSF 61/AB1953 COMPLIANT ANGLE STOPS, FLEXIBLE SUPPLIES, 17 GAUGE PTRAP, WITH DECKMOUNTED AIRGAP FOR DISHWASHER	AVEN Y FACILITY FOR:
<u>6-2</u>	KITCHEN SINK' DOUBLE BASIN (UNDER MOUNT)	1/2"	1/2"	2"	1 1/2"	ELKAY - *ELUHAD3216, LUSTERTONE DOUBLE BASIN, 5 1/2" DEEP. 18 GAUGE, 304 S.S., LK-99 STRAINER, "AMERICAN STANDARD 4175.500.F15 FAUCET(CHROME FINISH) LESS SPRAYER, AB1953 COMPLIANT, 8" CENTER, WITH 1.5 GPM AERATOR, NSF 61/AB1953 COMPLIANT ANGLE STOPS, FLEXIBLE SUPPLIES, 17 GAUGE PTRAP, WITH DECKMOUNTED AIRGAP FOR DISHWASHER	PROPOSED PUBLIC SAFTY I WINTERHAN WINTERHAVEN,
<u>LS-1</u>	LAUNDRY SINK	1/2"	1/2"	2"	1 1/2"	FLORESTONE 20FM SINK, WITH SYMMONS FAUCET S-249-1.5, (CHROME FINISH), 1.5 GPM AERATOR, NSF 61/AB1953 COMPLIANT ANGLE STOPS, FLEXIBLE SUPPLIES, 17 GAUGE PTRAP	A PROPO W PUBLIC
<u>M6-1</u>	MOP SINK FLOOR MOUNTED	3/4"	3/4'	3"	2"	FIAT MODEL TSB3000, 24" X 24", TERRAZZO MOP BASIN WITH STAINLESS STEEL RIM GUARDS ON ALL SIDES & STAINLESS STEEL SPLASH PLATE, WITH CHICAGO 891 FAUCET WITH VACUUM BREAKER SPOUT, 3/4" HOSE THREAD ON SPOUT, ADJUSTABLE WALL BRACE, PAIL HOOK, INTEGRAL STOPS IN SUPPLY ARMS AND MOP HANGER.	REVISIONS NO. DESCRIPTION DATE
<u>5H-1</u>	SHOWER ADA	1/2"	1/2"	2"	1 1/2"	AQUATIC 1603BFSD, ADA SEAT, GRAB BARS, INSTALLED PER 2013 CALIFORNIA BUILDING CODE, WITH SYMMONS C-96-300-B30-V-X-1.5 HANDHELD SHOWER ASSEMBLY, SLIDE BAR, 60" FLEXIBLE METAL HOSE, PRESSURE BALANCING MIXING VALVE, ASSE 1016/ASME A112.18.1/CSA B125.1, 1.5 GPM SHOWER HEAD ADJUST HANDLE STOP TO PROVIDE 120°F MAX, WITH DRAIN, PTRAP	
<u>FS-1</u>	FLOOR SINK	-	-	2"	1 1/2"	J.R. SMITH- *3150Y, WITH FLASHING CLAMP/INTEGRAL SEEPAGE FLANGE, 12" X 12" X 8" DEEP, A.R.E. INTERIOR, CAST IRON BODY WITH FLANGE, DOME STRAINER, INSTALL APPROPRIATE 34 GRATE OR 1/2 GRATE, 2" OUTLET AND 2" PTRAP	
<u>FD-1</u>	FLOOR DRAIN	-	-	2"	1 1/2"	J.R. SMITH- #2005Y(A)-P050, 5" DIA., CAST IRON BODY WITH INTEGRAL SEEPAGE FLANGE,, ROUND NICKEL BRONZE STRAINER HEAD & TRAP PRIMER CONNECTION, PTRAP	
<u>TD-I</u>	TRENCH DRAIN	-	-	4"	2'	JR SMITH 9930 ENVIRO FLO, (10) 3.28 FT LONG SECTIONS, WITH H20 RATED SLOTTED GRATE, WITH PTRAP	
<u>HB-1</u>	HOSE BIBB	3/4"	-	-	-	ACORN 8121 WITH VACUUM BREAKER	
<u>∨B-1</u>	VALVE BOX	1/2"	-	-	-	IPS CORPORATION #FRIBI2ABS (IAPMO #2076)- FIRE RATED ICE MAKER VALVE BOX, SWEAT CONNECTION, QUARTER TURN VALVE, AB1953 COMPLIANT/LEAD FREE	
<u>WB-1</u>	WASH BOX	3/4"	3/4"	2"	11/2"	GUY GRAY/IPS- FRI2SSHA, FIRE RATED WASHING SUPPLY BOX, 2" DRAIN, SINGLE LEVER, COPPER SWEAT CONNECTION, HOT/COLD WATER SUPPLY, 2" P-TRAP	



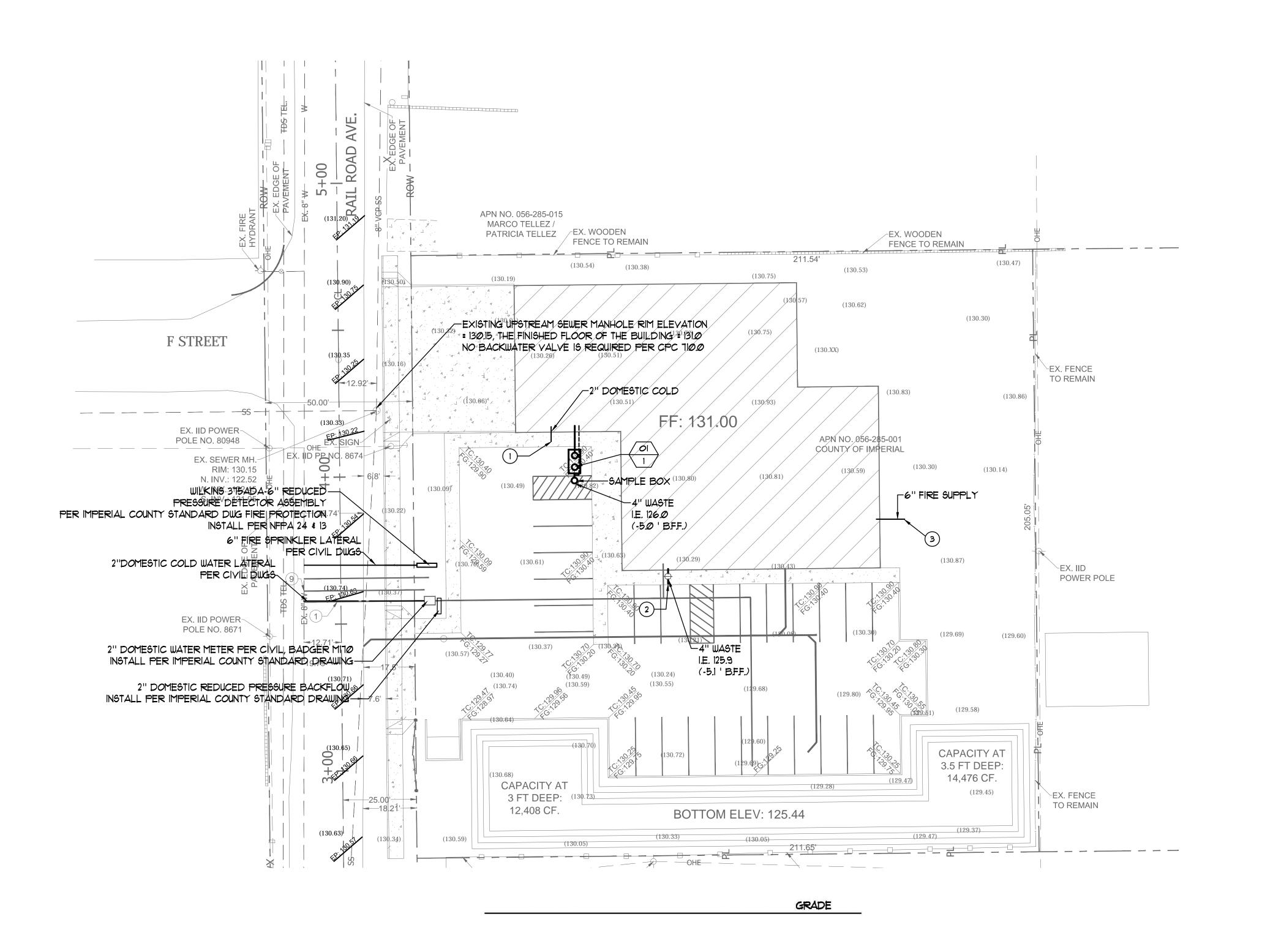


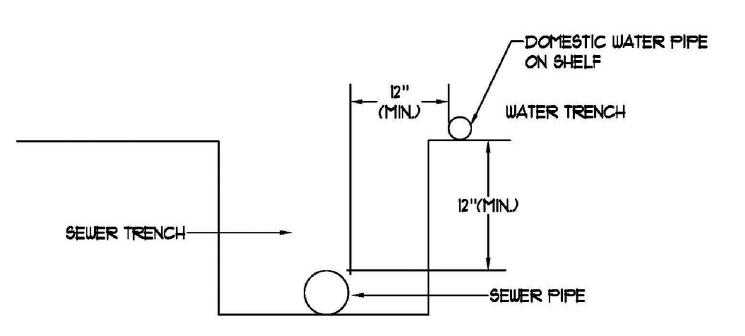
SHEET TITLE

SCHEDULES

27.17 SCALE:

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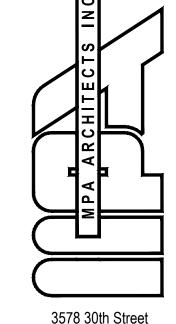


WATER/SEWER SECTION CROSSING ON SITE

SCALE: NONE

KEYNOTES:

- 1) SEE CIVIL DRAWINGS FOR CONTINUATION OF 2 INCH DOMESTIC COLD WATER PIPE
- 2 SEE CIVIL DRAWINGS FOR CONTINUATION OF 4 INCH SANITARY WASTE PIPE
- 3 SEE CIVIL DRAWINGS FOR CONTINUATION OF 6 FIRE PROTECTION SUPPLY



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PROJECT

(760) 482-4236

FACILITY

WINTERHAVEN PUBLIC SAFETY FAC

REVISIONS DESCRIPTION

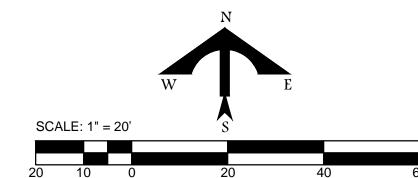
SED PUBLIC

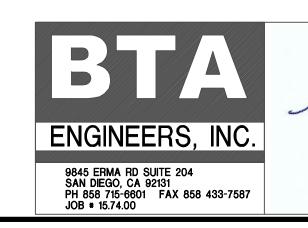
GENERAL KEYNOTES:

A. PLUMBING SCOPE OF WORK (SEWER, DOMESTIC WATER, STORM) IS WITHIN 5 FT OF THE BUILDING PERIMETER. PLUMBING SCOPE INCLUDES OIL INTERCEPTOR AND SAMPLE BOX. PLUMBING SHOWN BEYOND THE BUILDING 5 FT PERIMETER IS FOR REFERENCE ONLY. THE STORMWATER FILTRATION SYSTEM WILL BE DESIGNED BY THE CIVIL ENGINEER. FOR CONTINUATION OF DOMESTIC WATER AND SEWER PIPES BEYOND THE BLDG PERIMETER SEE CIVIL SHEETS. IMPERIAL COUNTY IS RESPONSIBLE FOR PERMITTING, PLAN CHECK, AND INSPECTIONS OF THESE PRIVATE UTILITY SYSTEMS. THE PLUMBING SYSTEMS DESCRIBED ARE DESIGNED PER THE 2013 CALIFORNIA PLUMBING CODE.

B. SLOPE WASTE @ 2% (TYP)

PLUMBING SITE PLAN





SHEET TITLE

SITE PLA

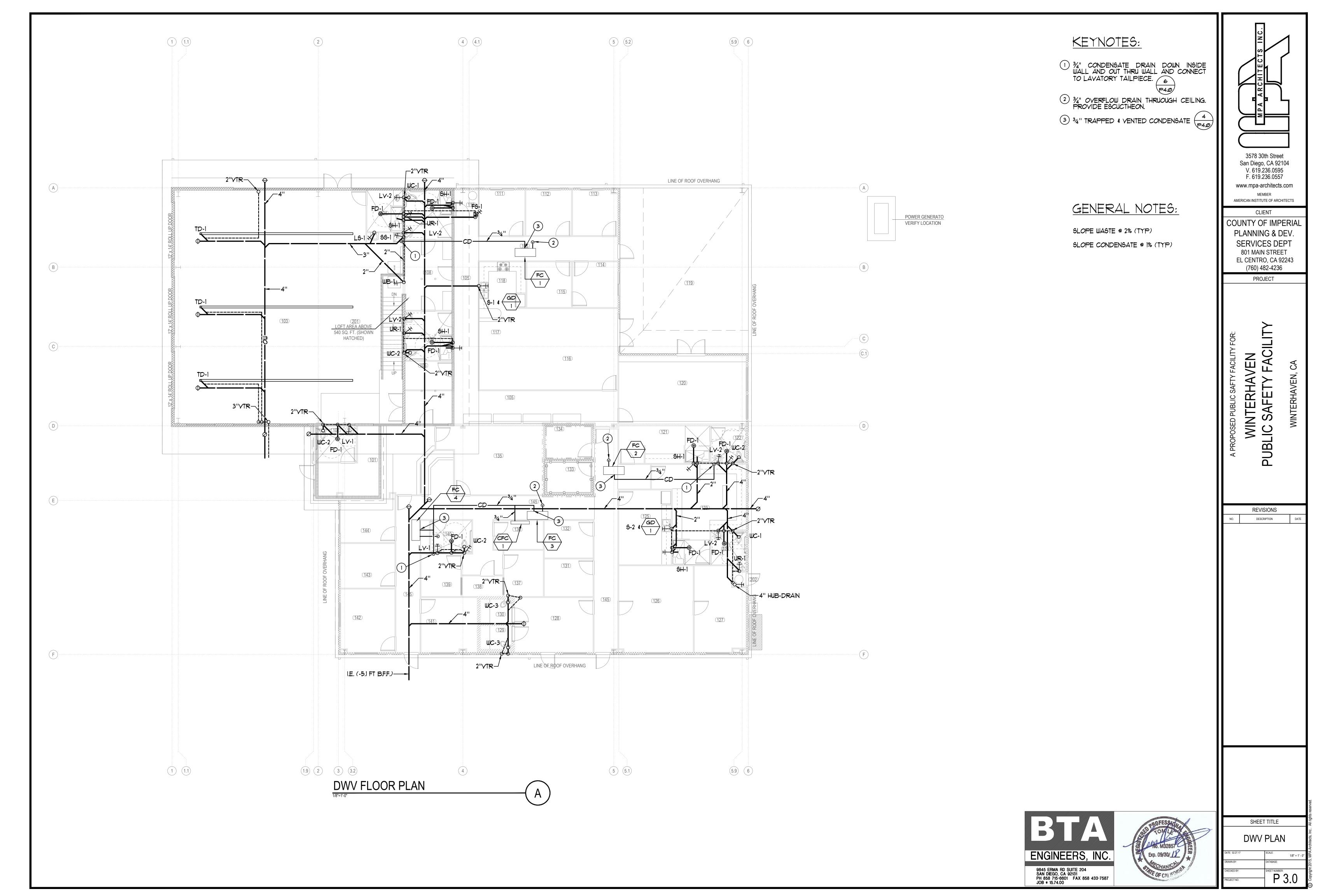
DATE: 02.27.17 SCALE:

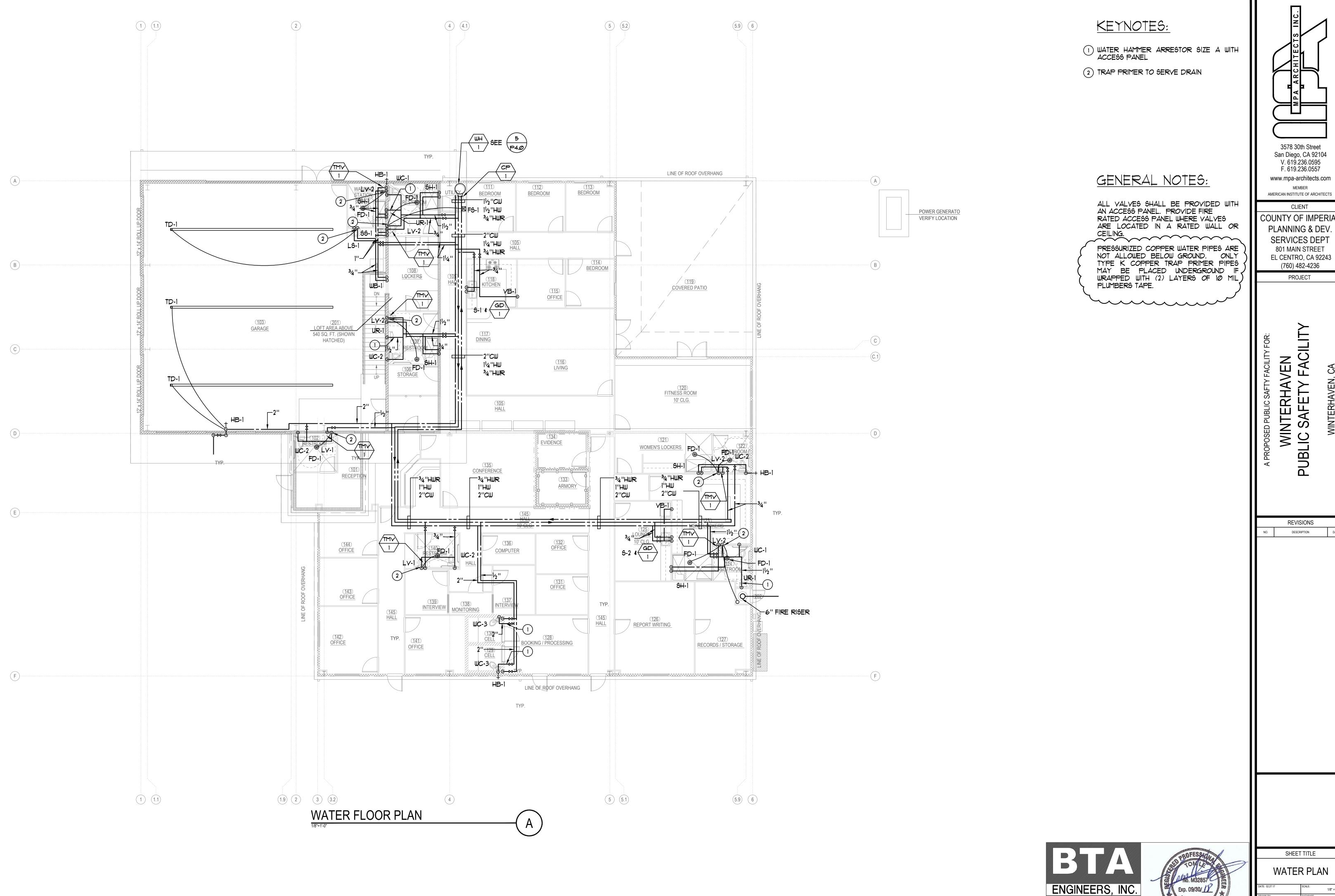
SITE PLAN

7.17 | SCALE: 1" = 20'

DATABASE:

SHEET NUMBER: P 2.0







www.mpa-architects.com

COUNTY OF IMPERIAL PLANNING & DEV. SERVICES DEPT 801 MAIN STREET EL CENTRO, CA 92243

PROJECT

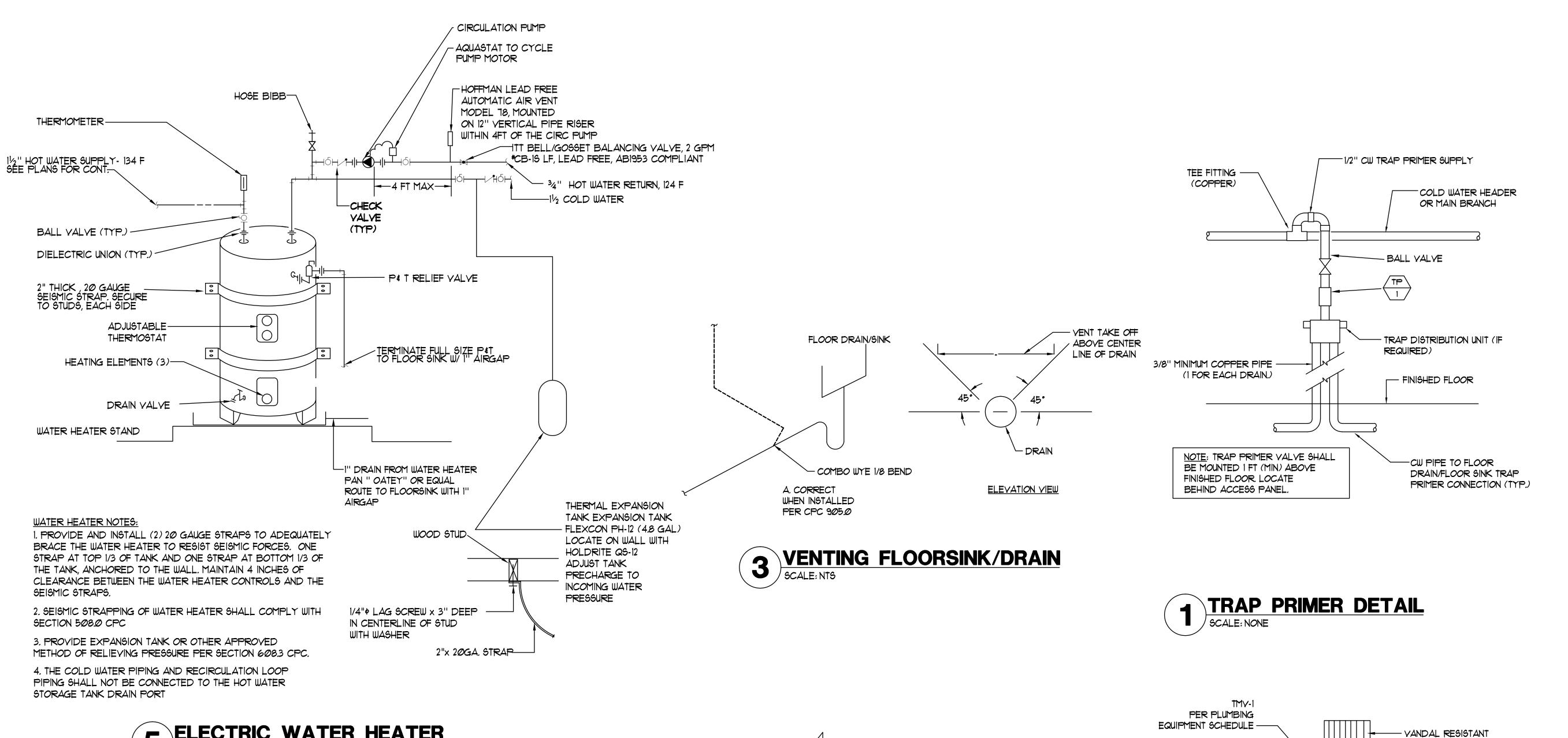
WINTERHAVEN
PUBLIC SAFETY FACILITY

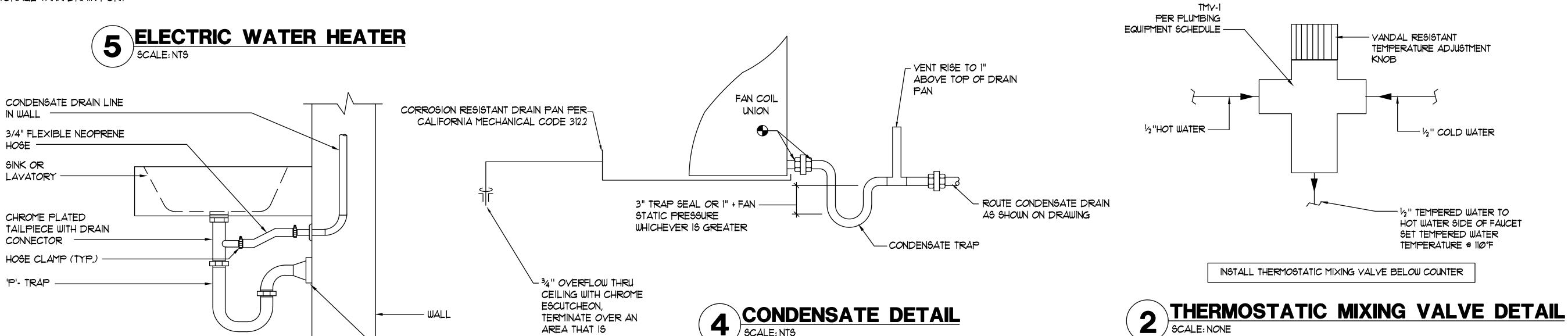
REVISIONS DESCRIPTION

9845 ERMA RD SUITE 204 SAN DIEGO, CA 92131 PH 858 715-6601 FAX 858 433-7587 JOB * 15.74.00



WATER PLAN





READILY OBSERVED

ESCUTCHEON (TYP.)

ENGINEERS, INC.

9845 ERMA RD SUITE 204
SAN DIEGO, CA 92131
PH 858 715-6601 FAX 858 433-7587
JOB # 15.74.00

SHEET TITLE

DETAILS

DATE: 02.27.17 SCALE: NONE

DRAWN BY: DATABASE:

CHECKED BY: SHEET NUMBER:

PROJECT NO: P 4.0

3578 30th Street

San Diego, CA 92104

V. 619.236.0595

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AMERICAN INSTITUTE OF ARCHITECTS

CLIENT

COUNTY OF IMPERIAL

PLANNING & DEV SERVICES DEPT 801 MAIN STREET

EL CENTRO, CA 92243

(760) 482-4236

PROJECT

FACILIT

WINTERHAVEN PUBLIC SAFETY FAC

REVISIONS

DESCRIPTION

6 CONDENSATE TO SINK P-TRAP
SCALE: NONE

* CONCEAL CONDENSATE PIPE/HOSE BELOW LAYATORY