	PLUMBIN	NG SYMBOLS	
RPBFP	REDUCED PRESSURE BACKFLOW PREVENTER (RPBFP)	Ф	FLOOR CLEANOUT IN YARDBOX
 	FLOOR DRAIN, AREA DRAIN	 	CLEANOUT (CO)
00	ROOF DRAIN, OVERFLOW DRAIN		PIPING RISE OR DROP
	FLOOR SINK		PIPING DOWN
	REDUCER		PIPING UP
	UNION	_Ն_⊥_	BRANCH CONNECTION
	FLEXIBLE CONNECTOR		BRANCH-BOTTOM CONNECTION
- > 	STRAINER	——— F ———	FIRE LINE
<u> </u>	WATER HAMMER ARRESTER		DRAINAGE ABOVE GROUND
	BEHIND ACCESS PANEL		DRAINAGE BELOW GROUND
	TRAP PRIMER BEHIND ACCESS PANEL		SANITARY VENT
	PRESSURE GAUGE WITH PET COCK	— — GW — —	GREASE WASTE
	THERMOMETER		DOMESTIC COLD WATER
	TEMPERATURE/PRESSURE RELIEF		DOMESTIC HOT WATER
	VALVE & PRESSURE RELIEF VALVE		DOMESTIC HOT WATER RETURN
	AIR RELIEF VALVE	——— G ———	NATURAL GAS (LOW PRESSURE)
	CHECK VALVE	———MPG ———	NATURAL GAS (MEDIUM PRESSURE)
	SHUT-OFF VALVE	O2	OXYGEN
المحل ا	VALVE ON RISER	MV	MEDICAL VACUUM
─	BALANCING VALVE	NO	NITROUS OXIDE
	VALVE IN YARD BOX	——————————————————————————————————————	CONDENSATE DRAIN
	SOLENOID VALVE (ELECTRIC)	ICW	INDUSTRIAL COLD WATER (NON-POTABLE)
	GAS COCK	DETAIL	· -
— △ —	GAS SEISMIC SHUT-OFF VALVE	NUMBE	ER DETAIL DESIGNATION
<u>+</u>	HOSE BIBB	M-X DRAWI	
	DIRECTION OF FLOW	NUMBE	
—— <u>]</u>	PLUGGED OUTLET	EQUIPI DESCR	MENT RIPTION
	PIPING BREAK	•	EQUIPMENT DESIGNATION
Ф	SQUARE FEET (SQ FT)	TEQUIP	
Ι ф	FLOOR CLEANOUT	NUMBE	ER

	PLUMBING	ABBREV	TATIONS
- A -		<u> </u>	
ABV	ABOVE	ICW	INDUSTRIAL COLD WATER
AC	AIR CONDITIONING (HVAC)	IW	INDIRECT WASTE
ACC	ACCESSIBLE	INT	INTEGRAL
AFF	ABOVE FINISH FLOOR	- K -	INTEGRAL
AFG	ABOVE FINISH GRADE	- K - KW	KILOWATT
			RILOWATT
AFSR	AUTOMATIC FIRE SPRINKLER RISER	- L -	
AP	ACCESS PANEL	LAV	LAVATORY
AV	ACID VENT	- M -	
AW	ACID WASTE	MA	MEDICAL AIR
- B -		MPG	MEDIUM PRESSURE GAS
BEH	BEHIND	MTD	MOUNTED
BEL	BELOW	MV	
BFG	BELOW FINISHED GRADE		MEDICAL VACCUM
BTUH	BRITISH THERMAL UNITS PER HOUR	- N -	
	DITTION THE TWAL ONTO I EXTROOR	N	NITROGEN
- C -		NTS	NOT TO SCALE
CD	CONDENSATE DRAIN	NC NC	NORMALLY CLOSED
CFH	CUBIC FEET PER HOUR		
CFM	CUBIC FEET PER MINUTE	NO	NITROUS OXIDE
CLG	CEILING	- 0 -	
CO	CLEANOUT	OC	ON CENTER
CONT	CONTINUATION	OD	OVERFLOW DRAIN
COTG	CLEANOUT TO GRADE	02	OXYGEN
CU FT	CUBIC FEET	- P -	
CW	COLD WATER (DOMESTIC)		DUACE
	COLD WATER (DOMESTIC)	PH	PHASE
- D -		PO	PLUGGED OUTLET
DN	DOWN	POC	POINT OF CONNECTION
DPX	DUPLEX	PSI	POUNDS PER SQUARE INCH
DR	DROP	- Q -	
DS	DOWN SPOUT	QTY	QUANTITY
DWG	DRAWING		Q0/111111
- E -		- R -	
	EVICTING	RD	ROOF DRAIN
(E)	EXISTING	- S -	
EL	ELEVATION	SAN	SANITARY SEWER
EQUIP	EQUIPMENT	SD	STORM DRAIN
ESEW	EMERGENCY SHOWER EYE WASH	SK	SINK
EWC	ELECTRIC WATER COOLER	SOV	SHUT-OFF VALVE
- F -			ONOT-ON VALVE
F.	FIRE LINE	- T -	
FCO	FLOOR CLEANOUT	TP	TRAP PRIMER
FD	FLOOR DRAIN	TPL	TRAP PRIMER LINE
FFE	FINISHED FLOOR ELEVATION	TYP	TYPICAL
		TW	TEMPERED WATER
FLR	FLOOR	TWR	TEMPERED WATER RETURN
FT	FOOT, FEET	- U -	TEIVITEINED WATER INCIDIN
FU	FIXTURE UNIT		LIDINAL
FV	FLUSH VALVE	UR	URINAL
- G -		- V -	
_	CAC /LOW/DDECCLIDE	V	VENT
G	GAS (LOW PRESSURE)	VTR	VENT THROUGH ROOF
GAL	GALLON	- W -	
GC	GAS COCK		MACTE
GPF	GALLONS PER FLUSH	W	WASTE
GPH	GALLONS PER HOUR	WAG	WASTE ANESTHESIA GAS
GPM	GALLONS PER MINUTE	W/	WITH
GPR	GAS PRESSURE REGULATOR	WC	WATER CLOSET
GWH	GAS WATER HEATER	WCO	WALL CLEANOUT
GW	GREASE WASTE	WH	WALL HYDRANT
	J. 12. 102 111 101 12	WHA	WATER HAMMER ARRESTOR
- H -		- Y -	
HB	HOSE BIBB		VADD BOV
HP	HORSEPOWER	YB	YARD BOX
HW	HOT WATER (DOMESTIC)		
LIM/D	HOT WATER RETURN (DOMESTIC)		

	GENER	RAL NOTES										
		2016 CALIFORNIA PLUMBING CODES, CALIFORNIA STATE ATE ARCHITECT, AND CALIFORNIA ADMINISTRATIVE JURISDICTIONS.										
	CONTRACTOR SHALL COORDINATE WITH ALL OTHER TRADES FOR CLEARANCES AND WORK INCLUDED PRIOR TO START OF WORK.											
	REFER TO ARCHITECTURAL DRAWINGS FOR EXA OF ALL PLUMBING FIXTURES.	CT LOCATIONS, MOUNTING HEIGHTS AND COLORS										
	ALL VENTS THRU ROOF SHALL BE PLACED AT A MINIMUM OF THREE FEET VERTICALLY AND TEN FEET HORIZONTALLY FROM FRESH AIR INTAKES, WINDOWS, DOORS OR OTHER OPENINGS.											
PROVIDE AND INSTALL ACCESS PANELS AT ALL LOCATION OF WATER HAMMER ARRESTORS, TRAP PRIMERS AND MIXING VALVES - PANELS TO 12 X 12 OR AS REQUIRED.												
	CLEANOUTS SHALL BE INSTALLED PER CALIFORI	NIA PLUMBING CODE SECTION 707, 719 AND 803.3.										
	SLOPE OF BUILDING SEWERS SHALL NOT BE LES	SS THAN 2% UNLESS NOTED OTHERWISE.										
	ALL DOMESTIC HOT WATER PIPING SHALL BE INS COMMISSION TABLE 120.3-A OF THE BUILDING EN HAVE A FIRE HAZARD CLASSIFICATION 25/50 COM VALUES SHOWN BELOW ARE BASED ON A WATER	IERGY EFFICIENCY STANDARDS. INSULATION SHALL MPOSITE RATING.										
	PIPE SIZE INSULATION THICKNESS	INSULATION VALUE										
	<u></u> 1"	K FACTOR = 0.22 TO 0.28										
	1-1/4" < 1-1/2"											
	COORDINATE WITH ELECTRICAL TRADE PRIOR TO EQUIPMENT LOCATIONS.	O ORDERING EQUIPMENT FOR AVAILABLE VOLTAGES AT										
	DO NOT USE METALLIC GAS LINES TO GROUND E	ELECTRICAL SYSTEM.										
	CONTRACTOR SHALL PATCH AND REPAIR ALL SUOPERATION.	JRFACE AREAS DAMAGED BY HIS										
	ALL VALVES, UNIONS, ETC. TO BE LINE SIZE UNLE	ESS OTHERWISE INDICATED ON DRAWINGS.										
	UNIONS SHALL BE PROVIDED AND INSTALLED AF EQUIPMENT CONNECTIONS.	TER EACH THREADED TYPE VALVE AND PRIOR TO										
	ANY DEVIATION FROM THE DRAWINGS OR SPECI OF THE ARCHITECT AND ENGINEER PRIOR TO IN	FICATIONS SHALL BE BROUGHT TO THE ATTENTION STALLATION.										
		URAL PLANS, NO STRUCTURAL MEMBER SHALL BE CUT, OR WRITTEN AUTHORIZATION FROM THE STRUCTURAL DN.										
	AND ALTHOUGH SIZES AND LOCATION OF EQUIP THE CONTRACTOR SHALL MAKE USE OF ALL DAT	ITY, THE DRAWINGS ARE ESSENTIALLY DIAGRAMMATIC MENT IS DRAWN TO SCALE WHEREVER POSSIBLE, TA IN ALL OF THE CONTRACTOR DOCUMENTS LING, FABRICATING OR INSTALLING OF ANY MATERIALS.										
	CONTRACTOR SHALL PROVIDE AS-BUILTS, CAD (GENERATED AND DRAWN TO THE SAME SCALE THAT										

DOMESTIC WATE	ER PRESSURE ANALYSIS	
TOTAL FIXTURE UNITS	132.5 (F.V.)	
DEMAND FLOW (FLUSH TANK)	78 GPM	
MAIN PRESSURE (STATIC 90, I P.D. OF METER P.D. OF BACKFLOW PRE P.D. OF SITE PIPING DIFFERENCE IN ELEVAT RESIDUAL PRESSURE REQUIF PRESSURE AVAILABLE FOR P LONGEST DEVELOPED RUN O	3.2 PSI EVENTER 12 PSI 1.3 PSI 1.3 PSI 6.51 PSI ERED (FLUSH VALVE) 30 PSI EXEMPTION SYSTEM 8.99 PSI	
PRESSURE AVAILABLE FOR P (8.99 PSI / 292.5 FT.) X 100 = 3		
MAXIMUM ALLOWABLE P.D.	3.07 PSI/100'	

	CC	OLD WATER	HOT WATER				
PIPE SIZE	GPM	MAX	(FU	GPM	MAX FU		
	OI W	FT	FV	OI W	FT		
1/2"	2	1	-	2	1		
3/4"	4	4	-	4	4		
1"	9	12	-	9	12		
11/4"	17	24	-	17	24		
1½"	27	46	11	27	46		
2"	56	155	63	48	119		

Building A Gas Load Schedule										
Description	Qty.	BTU	СҒН	Total CFH	Pipe Siz	ing Chart				
BRADFORD WHITE WATER HEATER	1	150,000	150	150.0	CPC TABL	.E 1216.2(1)				
A/C ROOF TOP UNIT	1	72,000	72	72.0	Pipe	Max CFH				
MAKE-UP AIR UNIT	1	400,000	400	400.0	1/2"	13				
					3/4"	27				
					1"	51				
					1-1/4"	104				
					1-1/2"	156				
					2"	301				
					2-1/2"	480				
					3"	849				
	Description BRADFORD WHITE WATER HEATER A/C ROOF TOP UNIT	Description Qty. BRADFORD WHITE WATER HEATER 1 A/C ROOF TOP UNIT 1	Description Qty. BTU BRADFORD WHITE WATER HEATER 1 150,000 A/C ROOF TOP UNIT 1 72,000	Description Qty. BTU CFH BRADFORD WHITE WATER HEATER 1 150,000 150 A/C ROOF TOP UNIT 1 72,000 72	Description Qty. BTU CFH Total CFH BRADFORD WHITE WATER HEATER 1 150,000 150 150.0 A/C ROOF TOP UNIT 1 72,000 72 72.0	Description Qty. BTU CFH Total CFH Pipe Siz				

MARK	Description	Qty.	вти	CFH	Total CFH	Pipe Si	zing Chart
WH-1	BRADFORD WHITE WATER HEATER	1	150,000	150	150.0	CPC TAE	BLE 1216.2(1)
AC-2	A/C ROOF TOP UNIT	1	60,000	60	60.0	Pipe	Max CFH
AC-3	A/C ROOF TOP UNIT	1	60,000	60	60.0	1/2"	16
AC-4	A/C ROOF TOP UNIT	1	60,000	60	60.0	3/4"	34
AC-5	A/C ROOF TOP UNIT	1	150,000	150	150.0	1"	63
AC-6	A/C ROOF TOP UNIT	1	72,000	72	72.0	1-1/4"	130
MUA-2	MAKE-UP AIR UNIT	1	200,000	200	200.0	1-1/2"	195
						2"	375
						2-1/2"	598
						3"	1,060

EQUIPMENT ANCHORAGE NOTE

MECHANICAL COMPONENT ANCHORAGE NOTE ALL MECHANICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. WHERE NO DETAIL IS INDICATED, THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2016 CBC, SECTIONS 1616A.1.18 THROUGH 1616A.1.26 AND ASCE 7-10 CHAPTER 13, 26 AND 30.

ALL PERMANENT EQUIPMENT AND COMPONENTS

HWR HOT WATER RETURN (DOMESTIC)

REQUIREMENTS.

2. TEMPORARY OR MOVEABLE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER. 3. MOVEABLE EQUIPMENT WHICH IS STATIONED IN ONE PLACE FOR MORE THAN 8 HOURS AND HEAVIER THAN 400 POUNDS ARE REQUIRED TO BE ANCHORED WITH TEMPORARY ATTACHMENTS.

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

- A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS
- ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT. B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5

POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL. FOR THOSE ELEMENTS THAT DO NOT REQUIRE DETAILS ON THE APPROVED DRAWINGS, THE INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND THE DSA DISTRICT STRUCTURAL ENGINEER. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE

<u>PIPING & DUCTWORK DISTRIBUTION SYSTEM BRACING NOTE</u>
PIPING & DUCTWORK DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-10 SECTION 13.3 AS DEFINED IN ASCE 7-10 SECTION 13.6.5.6, 13.6.7, 13.6.8, AND 2016 CBC, SECTIONS 1616A.1.23, 1616A.1.24, 1616A.1.25 AND 1616A.1.26.

THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED ON A PREAPPROVED INSTALLATION GUIDE (E.G., SMACNA OR OSHPD OPM), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E): MP☐ MD☐ PP☐ E☐ - OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND

MP□ MD□ PP☒ E□ - OPTION 2: SHALL COMPLY WITH THE APPLICABLE OSHPD PRE-APPROVAL (OPM#)

#0052-13 (B-LINE/TOLCO)
- OPTION 3: SHALL COMPLY WITH THE SMACNA SEISMIC RESTRAINT MANUAL, OSHPD EDITION (2009), INCLUDING ANY ADDENDA. FASTENERS AND OTHER ATTACHMENTS NOT SPECIFICALLY IDENTIFIED IN THE SMACNA SEISMIC RESTRAINT MANUAL, OSHPD EDITION, ARE DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS. THE DETAILS SHALL ACCOUNT FOR THE APPLICABLE SEISMIC HAZARD LEVEL____ AND CONNECTION LEVEL____FOR THE PROJECT AND CONDITIONS.

ADA COMPLIANCE NOTES

CONSTRUCTION DRAWINGS INDICATE (I.E. ENLARGED PLANS @ 1/4"=1'-0"). SUBMIT 6 SETS OF HARD

COPIES AND 1 ELECTRONIC COPY ON CD-ROM. CAD DRAWINGS SHALL BE AUTOCAD LATEST VERSION.

PROVIDE WRITTEN WARRANTY TO REPLACE ALL FAULTY MATERIALS AND/OR LABOR, AT NO COST

TO OWNER, FOR A PERIOD OF ONE YEAR FROM DATE OF OWNERS ACCEPTANCE.

- COVER EXPOSED HOT & COLD WATER PIPING AND WASTE PIPING AT ALL LAVATORIES WITH NEATLY PRE-FORMED PIPE INSULATION, PLUMBEREX "PRO 2000" OR APPROVED EQUIVALENT.
- . ALL PIPING UNDER LAVATORIES SHALL BE INSULATED OR OTHERWISE COVERED. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES.

COORDINATE REQUIREMENTS WITH OWNER.

13.

- 5. FAUCET CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT
- REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. 4. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THE 5 lbf. LEVER-OPERATED, PUSH TYPE, AND ELECTRONICALLY CONTROLLED MECHANISMS ARE EXAMPLES OF ACCEPTABLE

DESIGNS. SELF-CLOSING VALVES ARE ALLOWED IF THE FAUCET REMAINS OPEN FOR AT LEAST 10

5. ACCESSIBLE PLUMBING FIXTURES SHALL COMPLY WITH ALL OF THE REQUIREMENTS OF CBC 2013-CHAPTER 11B - DIVISION 6. HEIGHTS AND LOCATION OF ALL FIXTURES SHALL BE IN ACCORDANCE TO CBC TABLE 11B-604.9. FIXTURE CONTROLS SHALL COMPLY WITH CHAPTER SECTION 11B-309.4.

PLUMBING SHEET INDEX

SHEET NO.	DESCRIPTION
P001	PLUMBING GENERAL NOTES, SYMBOLS, ABBREVIATIONS, & CALCULATIONS
P002	PLUMBING SCHEDULES
P003	PLUMBING DETAILS
P004	PLUMBING DETAILS
P0-2.1	PLUMBING SITE PLAN
P2-1.1-A	PLUMBING FLOOR PLAN - BLDG A
P2-2.1-A	PLUMBING ROOF PLAN - BLDG A
P2-1.1-B	PLUMBING FIRST FLOOR PLAN - BLDG B
P2-2.0-B	PLUMBING SECOND FLOOR PLAN - BLDG B
P2-2.1-B	PLUMBING ROOF PLAN - BLDG B
P3-1.1-A	ENLARGED PLUMBING PLANS - BLDG A
P3-1.1-B	ENLARGED PLUMBING PLANS - BLDG B

DIV. OF THE STATE ARCHITEC APP. 03-119532 INC: REVIEWED FOR SS I FLS I ACS I





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FILLMORE HIGH SCHOOL -FILLMORE

555 Central Ave. Fillmore, CA.

09/21/2018

SCHEMATIC DESIGN

DESIGN DEVELOPMENT

CONSTRUCTION DOCUMENTS	12/07/2018
50% CD	11/09/2018
95% CD	12/10/2018
DSA SUBMITTAL	12/21/2018
DSA BACKCHECK	05/08/2019
REVISIONS:	

REGISTRATION/SIGNATURE:

PLUMBING GENERAL NOTES, SYMBOLS, ABBREVS., & CALCS

P001

WD PROJ. # DRAWN BY: CHECKED DATE 18413 WD Checker 12/21/18

								PLUI	MBING FIXTURE SCHEDULE					
			ROL	JGH-IN-SI	ZE		FIXTUR	RE UNIT						
MARK	FIXTURE	TRAP	S/W	V	CW	HW	WASTE	WATER	DESCRIPTION/REMARKS					
<u>WC-1</u>	WATER CLOSET (ACCESSIBLE)	INT.	4"	2"	1 1/2"	-	3	5	KOHLER #K-4325-L "KINGSTON", WALL MOUNTED, TOP SPUD, VITREOUS CHINA, ELONGATED BOWL, FLUSH VALVE TOILET. COMPLETE WITH SLOAN ROYAL #111 SMOOTH 1.28 EXPOSED, SENSOR ACTIVATED, BATTERY POWERED FLUSHOMETER VALVE (1.28 GPF), OLSONITE #95SSCT OPEN FRONT, SELF SUSTAINING, NO COVER, HEAVY DUTY TOILET SEAT AND J.R. SMITH #0410RY-M12 FIXTURE SUPPORT. INSTALL IN COMPLIANCE WITH ADA REQUIREMENTS.					
<u>WC-2</u>	WATER CLOSET	INT.	4"	2"	1 1/2"	-	3	5	KOHLER #K-4325-L "KINGSTON", WALL MOUNTED, TOP SPUD, VITREOUS CHINA, ELONGATED BOWL, FLUSH VALVE TOILET. COMPLETE WITH SLOAN ROYAL #111 SMOOTH 1.28 EXPOSED, SENSOR ACTIVATED, BATTERY POWERED FLUSHOMETER VALVE (1.28 GPF), OLSONITE #95SSCT OPEN FRONT, SELF SUSTAINING, NO COVER, HEAVY DUTY TOILET SEAT AND J.R. SMITH #0410RY-M12 FIXTURE SUPPORT.					
<u>UR-1</u>	URINAL (ACCESSIBLE)	INT.	2"	1 1/2"	1 1/4"	-	2	4	ZURN #Z5758.205.00 SERIES "ONE SYSTEMS", WALL MOUNTED, VITREOUS CHINA, 0.125 GPF URINAL, TOP SPUD INLET,WITH EVERCLEAN SURFACE. COMPLETE WITH ZURN #ZTR6203-ULF EXPOSED, SENSOR ACTIVATED, BATTERY POWERED FLUSHOMETER VALVE (1.28 GPF), AND J.R. SMITH #0637 FIXTURE SUPPORT. INSTALL IN COMPLIANCE WITH ADA REQUIREMENTS.					
<u>UR-2</u>	URINAL	INT.	2"	1 1/2"	1 1/4"	-	2	4	ZURN #Z5758.205.00 SERIES "ONE SYSTEMS", WALL MOUNTED, VITREOUS CHINA, 0.125 GPF URINAL, TOP SPUD INLET, WITH EVERCLEAN SURFACE. COMPLETE WITH ZURN #ZTR6203-ULF EXPOSED, SENSOR ACTIVATED, BATTERY POWERED FLUSHOMETER VALVE (1.28 GPF), AND J.R. SMITH #0637 FIXTURE SUPPORT. INSTALL IN COMPLIANCE WITH ADA REQUIREMENTS.					
<u>L-1</u>	LAVATORY (ACCESSIBLE)	1 1/2"	2"	1 1/2"	1/2"	-	1	1	SOLID SURFACE BASIN WALL MOUNTED, AS SELECTED BY ARCHITECT, INSTALL AT ADA HEIGHT, BRASS P-TRAP WITH CHICAGO FAUCET #333-E2805-665PSHAB, 0.5 GPM FLOW. QUANTITY OF FAUCETS REFER TO PLANS. CHICAGO FAUCET 1005-ABCP STOPS AND SUPPLIES. CW SUPPLIES & P-TRAP SHALL BE WRAPPED FOR HANDICAP PROTECTION.					
<u>L-2</u>	LAVATORY (ACCESSIBLE)	1 1/2"	2"	1 1/2"	1/2"	1/2"	1	1	AMERICAN STANDARD #0355.012 "LUCERNE", VITREOUS CHINA, 20 ½" X 18 ¼" WALL MOUNTED LAVATORY, WITH CHICAGO FAUCET #3400-ABCP, 0.5 GPM FLOW, BELOW DECK THERMOSTATIC MIXING VALVE LEONARD #170-LF ASSE 1070, CHICAGO FAUCET 1005-ABCP STOPS AND SUPPLIES, DEARBORN CHROME PLATED 17 GA. CAST BRASS P-TRAP W/ SECURED ESCUTCHEON. PROVIDE J.R. SMITH 0700/0800 FLOOR MOUNTED LAV SUPPORTS WITH CONCEALED ARMS. HW & CW SUPPLIES & P-TRAP SHALL BE WRAPPED FOR HANDICAP PROTECTION.					
<u>S-1</u>	SINK (ACC)	1 1/2"	2"	1 1/2"	3/4"	3/4"	2	2	ELKAY "LUSTERTONE": #LRADQ221960L TYPE 304 18 GA.STAINLESS STEEL, SINGLE COMPARTMENT TOP MOUNT, 22" x 19 1/2" x 6" DEEP, DRAIN WITH #LK99. BELOW DECK THERMOSTATIC MIXING VALVE LEONARD #170-LF ASSE 1070, CHICAGO FAUCET #895-317GN2AE36ABCP, GOOSENECK SPOUT, 1.5 GPM LAMINAR FLOW SPRAY HEAD, . CHICAGO FAUCET 1005-ABCP STOPS AND SUPPLIES. DEARBORN CHROME PLATED 17 GA. CAST BRASS P-TRAP W/ SECURED ESCUTCHEON.					
<u>S-2</u>	SINK (ACC)	1 1/2"	2"	1 1/2"	3/4"	-	2	2	ELKAY "LUSTERTONE": #DRKAD3711755RC TYPE 304 18 GA.STAINLESS STEEL, DOUBLE COMPARTMENT TOP MOUNT, 33" x 19 1/2" x 4 1/2" DEEP, DRAIN WITH #LK99. CHICAGO FAUCET #895-317GN2AE36ABCP, GOOSENECK SPOUT, 1.5 GPM LAMINAR FLOW SPRAY HEAD. CHICAGO FAUCET 1005-ABCP STOPS AND SUPPLIES. DEARBORN CHROME PLATED 17 GA. CAST BRASS P-TRAP W/ SECURED ESCUTCHEON. JUST JSB-10 BUBBLER.					
<u>S-3</u>	SINK (ACC)	1 1/2"	2"	1 1/2"	3/4"	-	2	2	ELKAY "LUSTERTONE": #LTR542210 TYPE 304 18 GA.STAINLESS STEEL, TRIPLE COMPARTMENT TOP MOUNT, 54" x 22" x 10 1/8" DEEP, DRAIN WITH #LK99. CHICAGO FAUCET #895-317GN2AE36ABCP, GOOSENECK SPOUT, 1.5 GPM LAMINAR FLOW SPRAY HEAD. CHICAGO FAUCET 1005-ABCP STOPS AND SUPPLIES. DEARBORN CHROME PLATED 17 GA. CAST BRASS P-TRAP W/ SECURED ESCUTCHEON. WITH JAY R SMITH SOLIDS INTERCEPTOR #8730-ARIO. ELKAY "CROSSTOWN": #ECTSRAD25226TBG TYPE 304 18 GA STAINLESS STEEL SINGLE COMPARTMENT LINDER MOUNT.					
<u>S-4</u>	SINK (ACC)	1 1/2"	2"	1 1/2"	3/4"	3/4"	2	2	ELKAY "CROSSTOWN": #ECTSRAD25226TBG TYPE 304 18 GA.STAINLESS STEEL, SINGLE COMPARTMENT UNDER MOUNT, 22" x 19 1/2"x 6" DEEP, DRAIN WITH #LK35. BELOW DECK THERMOSTATIC MIXING VALVE LEONARD #170-LF ASSE 1070. CHICAG FAUCET #895-317GN2AE36ABCP, GOOSENECK SPOUT, 1.5 GPM LAMINAR FLOW SPRAY HEAD, QUANTITY OF FAUCETS REFER PLANS. CHICAGO FAUCET 1005-ABCP STOPS AND SUPPLIES. DEARBORN CHROME PLATED 17 GA. CAST BRASS P-TRAP W/SECURED ESCUTCHEON.					
<u>S-5</u>	TROUGH SINK	1 1/2"	2"	1 1/2"	3/4"	3/4"	2	2	JUST #J-9620TYPE 304 14 GA.STAINLESS STEEL, MULTI-STATION WASH UP SINK 96" X 20" X 8" DEEP. CHICAGO FAUCET #225-261ABCP, GOOSENECK SPOUT, 1.5 GPM LAMINAR FLOW SPRAY, BELOW DECK THERMOSTATIC MIXING VALVE LEONARD #170-LF ASSE 1070. TRAP JUST # JT-150 P-TRAP CHROME PLATED CAST BRASS 1-1/2" P-TRAP WITH CLEANOUT. 17 GA. CHROME PLATED BRASS.					
<u>MS-1</u>	MOP SINK	2"	3"	1 1/2"	3/4"	3/4"	3	3	ACORN #TNC-24-SH-SSC, TERRAZZO NEO CORNER MOP SINK W/ STAINLESS STEEL CAP, INTEGRAL DRAIN W/ REMOVABLE GRI STRAINER. CHICAGO #814-VBCP WALL MOUNTED FAUCET W/ PAIL HOOK, WALL BRACE, 6" WRIST BLADE HANDLES, THREADED HOSE OUTLET, AND ATMOSPHERIC VACUUM BREAKER. GUARDIAN #G1931-GC, FREESTANDING COMBINATION EYE/FACE WASH AND SHOWER SAFETY STATION. SCH. 40 GALVANIZED					
ESH-1	EMERGENCY SHOWER	1-1/2"	2"	1 1/2"	1 1/4"	-	2	5	GUARDIAN #G1931-GC, FREESTANDING COMBINATION EYE/FACE WASH AND SHOWER SAFETY STATION. SCH. 40 GALVANIZED STEEL CONSTRUCTION, POWDER COATED ORANGE FINISH ON GALVANIZED PIPE AND FITTINGS. COMPLETE WITH 10" DIA. AB SHOWER HEAD WITH 20 GPM FLOW CONTROL, 1" IPS CHROME PLATED BRASS STAY-OPEN SHOWER BALL VALVE, (2) FS-PLUS SPRAY HEADS WITH FLIP TIP DUST COVER, AND INTERNAL FLOW CONTROL AND FILTER, ANSI- COMPLIANT IDENTIFICATION SIGN.					
<u>DF-1</u>	DRINKING FOUNTAIN	1 1/2"	2"	1 1/2"	1/2"	-	.5	.5	ELKAY MODEL # LK4420 OUTDOOR FOUNTAIN BI-LEVEL PEDESTAL NON-FILTERED, NON-REFRIGERATED. LAMINAR FLOW, HEADUTY VANDAL RESISTANT, MECHANICAL FRONT BUBBLER BUTTON ACTIVATION. NSF/ANSI 61 & 372.					
<u>AD-1</u>	AREA DRAIN	1 1/2"	2"	1 1/2"	1/2"	-	2	-	J.R. SMITH #2350Y, CAST IRON BODY, ROUND NICKEL BRONZE STRAINER, CLAMPING COLLAR, ½" TRAP PRIMER CONNECTION AND P-TRAP.					
<u>FD-1</u>	FLOOR DRAIN	1 1/2"	2"	1 1/2"	1/2"	-	2	-	J.R. SMITH #2005Y-A-P050, CAST IRON BODY, ROUND NICKEL BRONZE STRAINER, CLAMPING COLLAR, ½" TRAP PRIMER CONNECTION AND P-TRAP.					
<u>FD-2</u>	FLOOR DRAIN	1 1/2"	2"	1 1/2"	1/2"	-	2	-	J.R. SMITH #2120-NB-P050, CAST IRON BODY, ROUND NICKEL BRONZE STRAINER, FLASHING COLLAR, TRACTOR GRATE, ½" TRAP PRIMER CONNECTION AND P-TRAP.					
<u>FS-1</u>	FLOOR SINK	2"	2"	1 1/2"	1/2"	-	2	-	JAY R. SMITH #3160Y-12, 12-1/2" X 12-1/2" X 10" DEEP, CAST IRON FLANGED RECEPTOR WITH SEEPAGE HOLES, ACID RESISTANT COATED INTERIOR, NICKEL BRONZE RIM AND 1/2 GRATE. ALUMINUM DOME BOTTOM STRAINER.					
<u>TP-1</u>	TRAP PRIMER	-	-	-	1/2"	-	-	-	PRECISION PLUMBING PRODUCTS PRO1-ULP-500 TRAP PRIMER VALVE, BRASS BODY, ADJUSTABLE. INSTALLED BEHIND ACCESS PANEL. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.					
<u>TP-2</u>	TRAP PRIMER	-	-	-	1/2"	-	-	-	PRECISION PLUMBING PRODUCTS MPB-500-12V MINI PRIME BATTERY OPERATED TRAP PRIMING MANIFOLD, BRASS BODY, ADJUSTABLE. INSTALL PER MANUFACTURER'S RECOMMENDATIONS. PRECISION PLUMBING PRODUCTS MP-500-12V MINI PRIME BATTERY OPERATED TRAP PRIMING MANIFOLD,					
<u>TP-3</u>	TRAP PRIMER	-	-	-	1/2"	-	-	-	BRASS BODY, ADJUSTABLE. INSTALL PER MANUFACTURER'S RECOMMENDATIONS. LEONARD VALVE MODEL # 170A-LF THERMOSTATIC MIXING VALVE, MOUNT BELOW SINK. ASSE 1070.					
TMV-1	THERMOSTATIC MIXING VALVE	-	-	-	1/2"	1/2"	-	-	LEONARD VALVE MODEL # TM-600-LF-STSTL-EXP EMERGENCY MIXING VALVE WITH STAINLESS STEEL					
TMV-2	THERMOSTATIC MIXING VALVE THERMOSTATIC	-	-	-	1 1/4"	1 1/4"	-	-	CABINET. ASSE 1071. LEONARD VALVE MODEL # TM-5100-LF-STSTL-EXP EMERGENCY MIXING VALVE WITH STAINLESS STEEL CABINET, ASSE 1071					
TMV-3	MIXING VALVE BACKFLOW	-	-	-	1 1/4"	1 1/4"	-	-	CABINET. ASSE 1071. WATTS SERIRES 009-QTS REDUCED PRESSURE ZONE ASSEMBLIES, QUARTER TURN BALL VALVES, BRONZE STRAINER.					
BFP-1	PREVENTER	-	-	-	1"		-	-						
WHA-1	WATER HAMMER ARRESTOR	-	-	-	1/2"	-	-	-	ZURN #Z-1700 SERIES SHOKTROL INSTALLED BEHIND ACCESS PANEL. INSTALL PER MANUFACTURER'S RECOMMENDATION. WOODEORD #SRH.MS_EREEZE LESS ROOF HYDRANT_ASSE 1052 BACKELOW PREVENTER_HOSE					
<u>HB-1</u>	ROOFTOP HOSE BIBB	-	-	-	3/4"	-	-	2.5 1.0 ADD						
RHB-1	RECESSED HOSE BIBB	-	-	-	3/4"	-	-	2.5 1.0 ADD						
RD-1/ OD-1	ROOF / OVERFLOW DRAIN	-	-	-	-	-	-	-	J.R. SMITH #, GALVANIZED CAST IRON BODIES WITH COMBINED FLASHING CLAMP AND GRAVEL STOP FOR ROOF DRAIN AND COMBINED FLASHING CLAMP AND GRAVEL STOP WITH 2" HIGH EXTERNAL WATER DAM FOR OVERFLOW DRAIN. SEE PLANS FOR SIZING. J.R. SMITH #, GALVANIZED CAST IRON BODIES WITH COMBINED FLASHING CLAMP AND GRAVEL STOP FOR					
RD-2/ OD-2	ROOF / OVERFLOW DRAIN	-	-	-	-	-	-	-	ROOF DRAIN AND COMBINED FLASHING CLAMP AND GRAVEL STOP FOR EXTERNAL WATER DAM FOR OVERFLOW DRAIN. SEE PLANS FOR SIZING.					
								•						

					GAS WA	ATER HE	EATER S	CHEDUI	LE				
SYMBOL	LOCATION	MFR/ MODEL No.	SERVICE	STORAGE CAPACITY (GALLONS)	RECOVERY CAPACITY	OUTLET TEMP.	FLUE SIZE	GAS INPUT (BTUH)	ELEC VOLT	TRICAL PH.	DATA HZ.	OPER. WT. (LBS)	REMARKS
WH 1	BUILDING A	BRADFORD WHITE EF-60T-150E-3N(A)	DOMESTIC HOT WATER	60	242 GPH @70(F°) RISE	120(F°)	3"	150,000	110	1	60	1100	ULTRA LOW NOX POWER DIRECT VENT TYPE . COMPLETE WITH CONCENTRIC VENT TERMINATION KIT AND CONDENSATE NEUTRALIZATION KIT.
WH 2	BUILDING B	BRADFORD WHITE EF-60T-150E-3N(A)	DOMESTIC HOT WATER	60	242 GPH @70(F°) RISE	120(F°)	3"	150,000	110	1	60	1100	

					CIF	RCU	LAT	ION	PUN	1PS	CHE	DULE
		MFR/			CAPA	ACITY			MOTOR	<u>.</u>		
SYMBOL	LOCATION	MODEL No.	SERVICE	TYPE	GPM	HD. FT.	HP	VOLT	PH.	CYCLE	RPM	REMARKS
CP 1	BUILDING A	GRUNDFOS "UP" SERIES	DOMESTIC HOT WATER RETURN	IN-LINE	3	8	1/25	115	1	60	1750	INLINE CIRCULATING PUMP FOR DOMESTIC HOT WATER, ALL BRONZE MAINTENANCE FREE, AQUA STAT & TIMER
CP 2	BUILDING B	GRUNDFOS "UP" SERIES	DOMESTIC HOT WATER RETURN	IN-LINE	3	8	1/25	115	1	60	1750	

	EXPANSION TANK SCHEDULE							
SYM.	MFR/MODEL	TANK VOLUME (GALLONS)	ACCEPTANCE VOLUME GALLONS	CHARGING PRESSURE (PSIG)	OPER. WT. (LBS.)	SYSTEM CONNECTION SIZE (NPT)	REMARKS	
ET 1	AMTROL THERM-X-TROL ST-5-C	2.1	.9	50	22.5	3/4"	ASME CONSTRUCTION.	
$\left\langle \frac{\text{ET}}{2} \right\rangle$	AMTROL THERM-X-TROL ST-5-C	2.1	.9	50	22.5	3/4"		

	AIR COMPRESSORS								
SYM.	. MANUFACTURER LOCATION SERVICE TYPE CAP IN		CAP IN	MOTOR DATA		OTOR DATA	DELIA DI CO		
	& MODEL NO.	I LOUATION I SLIVICE I TILL I		SCFM	H. P.	R.P.M.	V. / PH. / HZ.	REMARKS	
AC 1	CRAFTSMAN 80 GAL (OR EQUIVALENT)	BUILDING A	COMPRESSED AIR	RECIPROCATING	15.3	5	-	240/1/60	80 GALLON TANK CAPACITY. 175 PSI MAX.
$\frac{AC}{2}$	CRAFTSMAN 80 GAL (OR EQUIVALENT)	BUILDING B	COMPRESSED AIR	RECIPROCATING	15.3	5	-	240/1/60	80 GALLON TANK CAPACITY. 175 PSI MAX.

	SAND AND OIL INTERCEPTOR						
SYM.	MANUFACTURER & MODEL NO.	LOCATION	SERVICE	TYPE	CAP IN GAL.	REMARKS	
SO 1	JENSEN PRECAST KJP750SO	OUTDOOR	SANITARY DRAINAGE	PRECAST CONC.	750	PROVIDED WITH GASTIGHT FRAME AND COVERS.	

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 03-119532 INC:
REVIEWED FOR
SS FLS ACS
DATE: 6/24/19



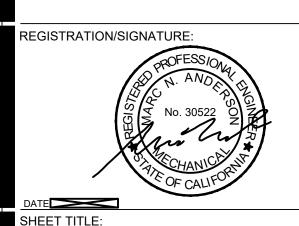


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FILLMORE HIGH
SCHOOL NEW CTE BUILDINGS
FILLMORE
UNIFIED SCHOOL
DISTRICT
555 Central Ave. Fillmore, CA.
93015

ISSUED FOR:	
SCHEMATIC DESIGN	11/16/2017
DESIGN DEVELOPMENT	09/21/2018
CONSTRUCTION DOCUMENTS	12/07/2018
50% CD	11/09/2018
95% CD	12/10/2018
DSA SUBMITTAL	12/21/2018
DSA BACKCHECK	05/08/2019

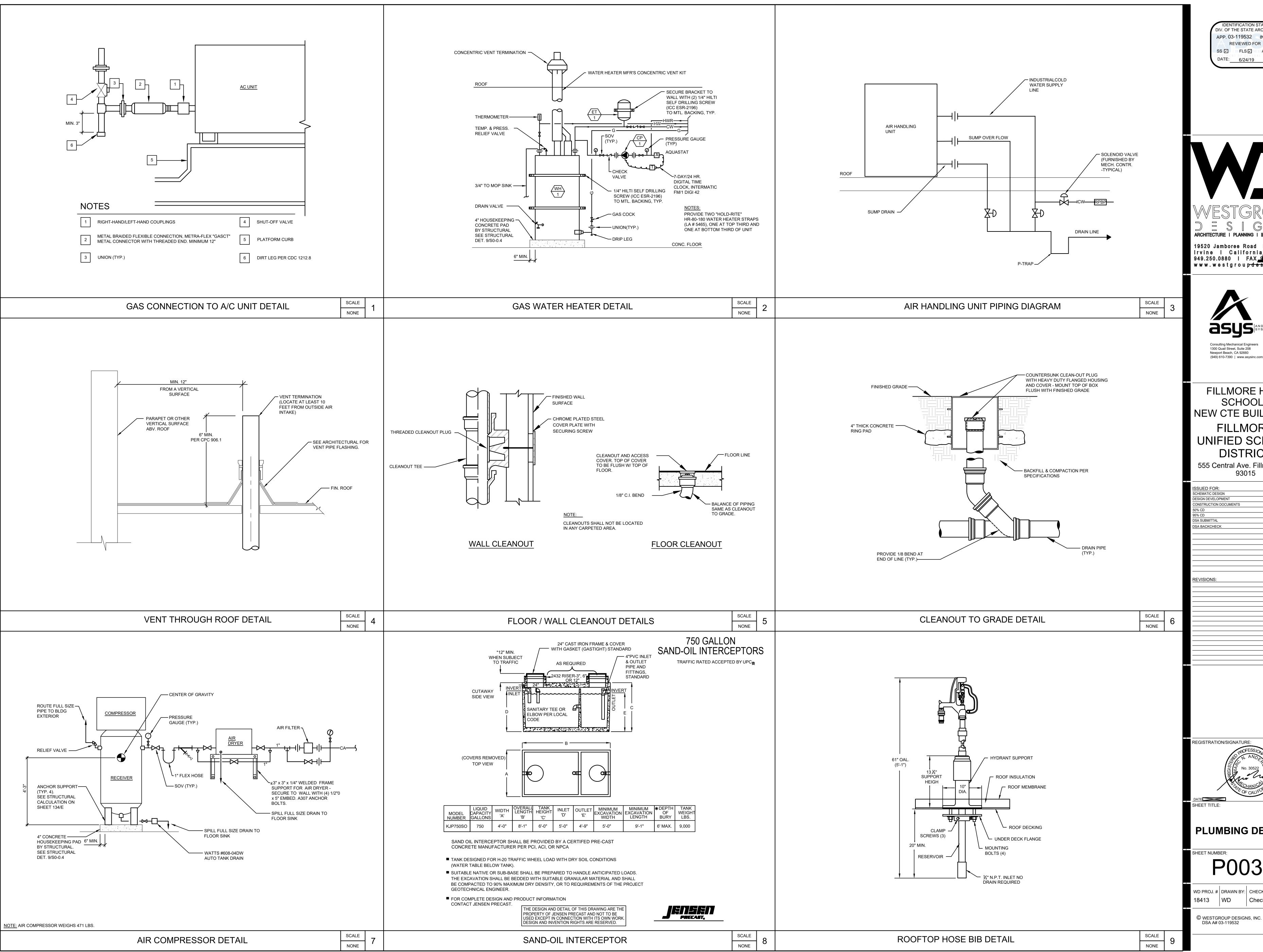
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PLUMBING SCHEDULES

sheet number:
P002

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FILLMORE HIGH SCHOOL -NEW CTE BUILDINGS **FILLMORE UNIFIED SCHOOL DISTRICT**

555 Central Ave. Fillmore, CA.

DESIGN DEVELOPMENT	09/21/2018
CONSTRUCTION DOCUMENTS	12/07/2018
50% CD	11/09/2018
95% CD	12/10/2018
DSA SUBMITTAL	12/21/2018
DSA BACKCHECK	05/08/2019
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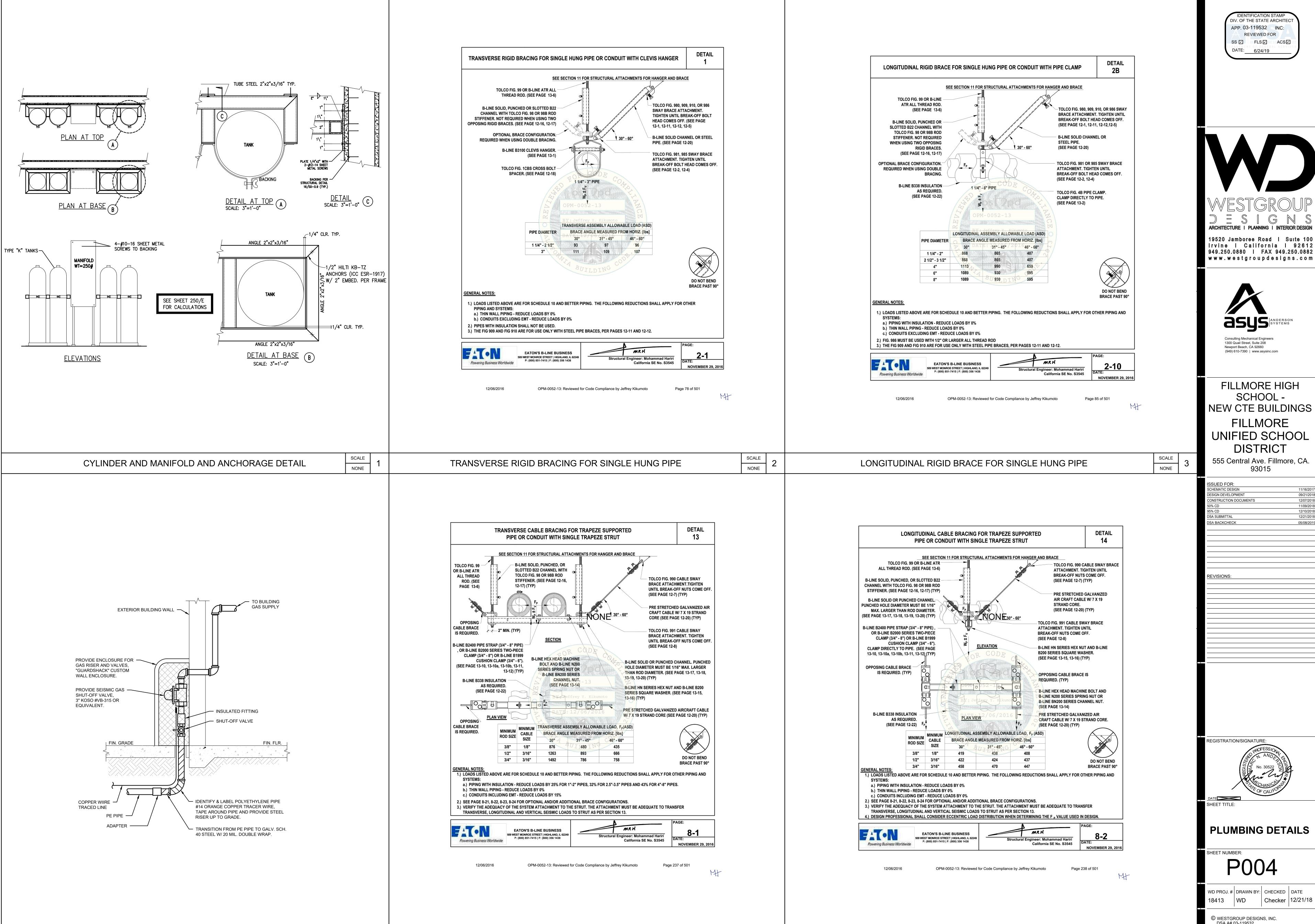
PLUMBING DETAILS

P003

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asys#17084



TRANSVERSE CABLE BRACING FOR TRAPEZE SUPPORTED PIPE

SCALE

NONE

SCALE

NONE

GAS SUPPLY EARTHQUAKE VALVE DETAIL

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FILLMORE HIGH SCHOOL -**FILLMORE UNIFIED SCHOOL**

09/21/2018 12/07/2018

12/10/2018

PLUMBING DETAILS

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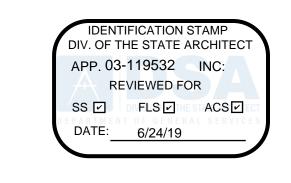
DSA A# 03-119532

SCALE

NONE

asys#17084

LONGITUDINAL CABLE BRACING FOR TRAPEZE SUPPORTED PIPE





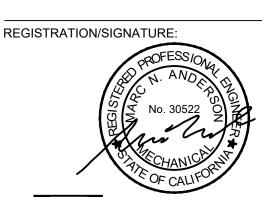


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DATE

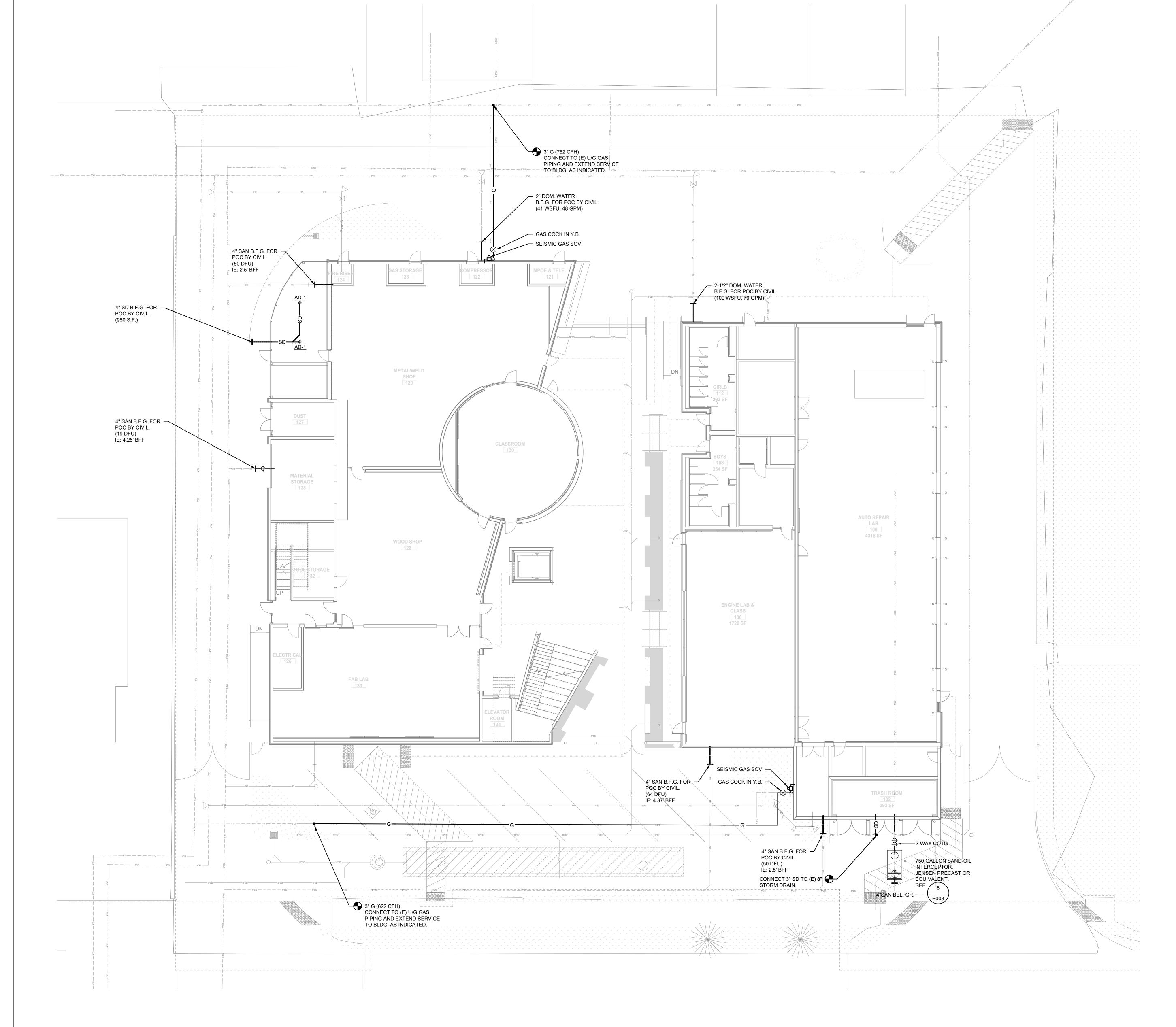
PLUMBING SITE PLAN

PO-2.1

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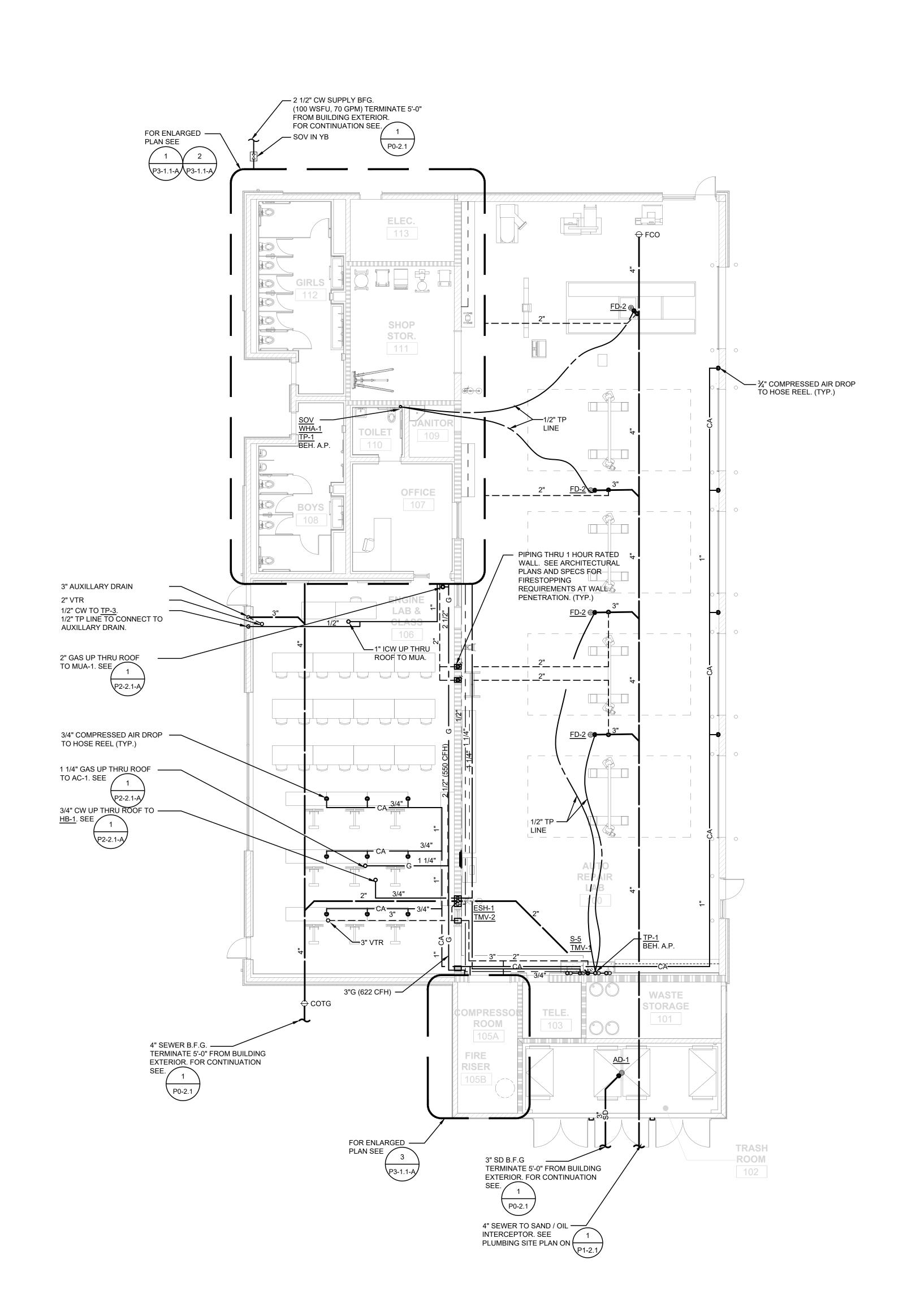
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09/21/2018
12/07/2018
11/09/2018
12/10/2018
12/21/2018
05/08/2019

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PLUMBING FLOOR

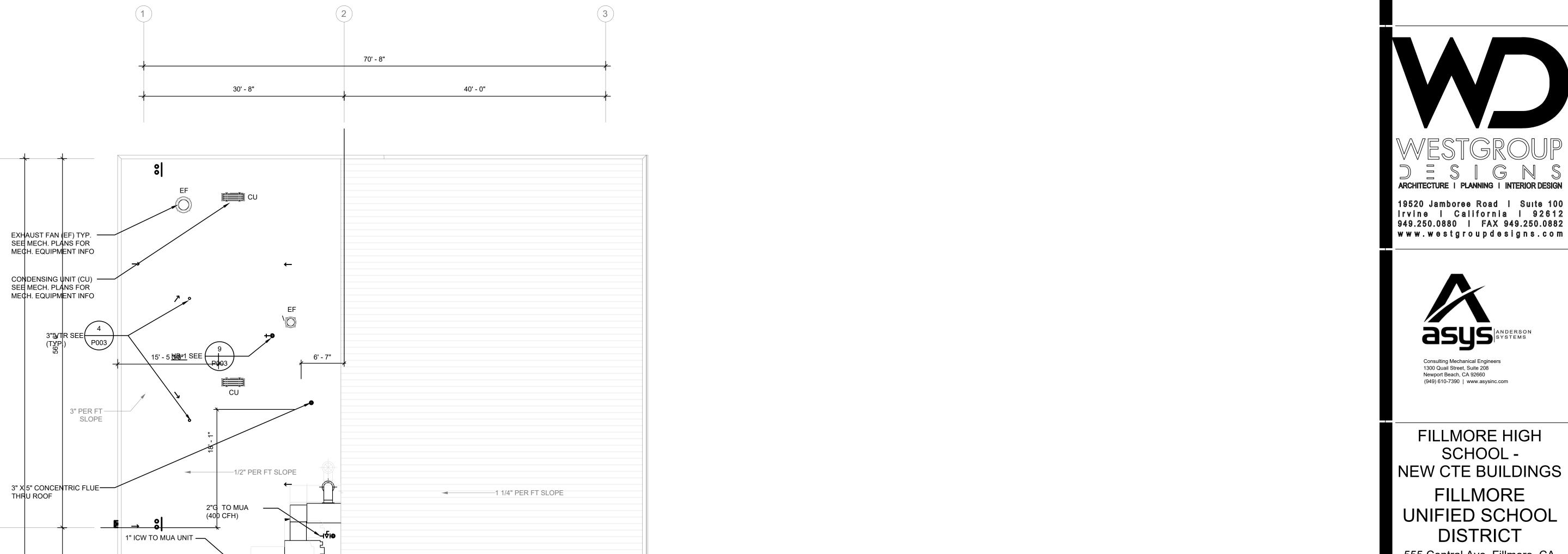
PLAN - BLDG. A

P2-1.1-A WD PROJ. # DRAWN BY: CHECKED DATE 18413 WD Checker 12/21/18



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2" VTR **o**

3" VTR 💿

1/2" PER ──► FT SLOPE

MAKE-UP AIR UNIT (MUA) — SEE MECH. PLANS FOR MECH. EQUIPMENT INFO

AC UNIT (AC)
SEE MECH. PLANS FOR
MECH. EQUIPMENT INFO

1 1/4"G TO AC UNIT (72 CFH)

GAS CONNECT ON TO AC UNIT. SEE (TYP.)

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SHEET TITLE:

PLUMBING ROOF

PLAN - BLDG. A

P2-2.1-A

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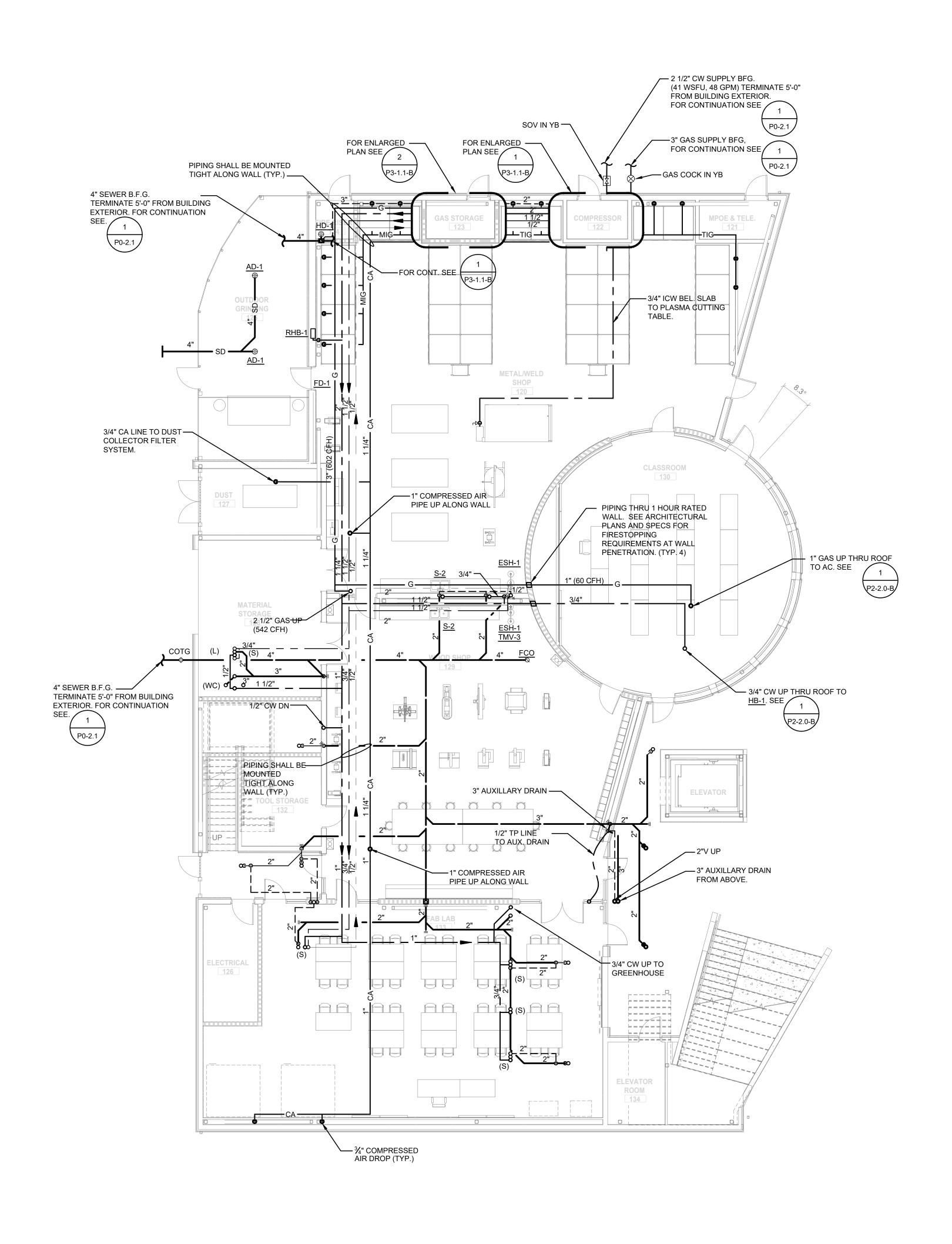
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PLUMBING FIRST FLOOR PLAN -BLDG. B

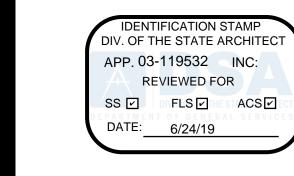
P2-1.1-B

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NOTE:

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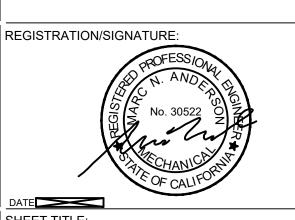


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PLUMBING SECOND FLOOR PLAN -BLDG. B

P2-2.0-B

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NORTH

PLUMBING SECOND FLOOR PLAN - BLDG. B

1" ICW FROM BELOW

AC UNIT (AC)
SEE MECH. PLANS FOR
MECH. EQUIPMENT INFO

P3-1.1-B

GAS CONNECTION TO AC UNIT. SEE 1 (TYP.)

P003

1"G TO AC ______(60 CFH)

2" GAS UP THRU ROOF TO MUA. SEE (TYP.)

3/4" CA DN. TO HOSE REELS (TYP)

CAP 3/4" CW FOR
FUTURE CONNECTION
TO GREENHOUSE

GREEN HOUSE

MISTING / IRRIGATION

P2-2.1-A

VENT UP

THRU ROOF

1" 9 9 9

2 1/2" GAS DN (542 CFH)

—1 1/2" GAS UP THRU ROOF TO AC.

> 1 1/4" GAS UP THRU ROOF TO AC.

1/2" TP _____ | 1

3/4" CA DN. TO — HOSE REELS (TYP.)

1" ICW UP THRU--/ ROOF TO MUA.

/ORK 2"

PIPING THRU 1 HOUR RATED WALL. SEE ARCHITECTURAL PLANS AND SPECS FOR

FIRESTOPPING

REQUIREMENTS AT WALL

1" GAS UP THRU ROOF TO AC. SEE (TYP.)

> 1" GAS UP THRU ROOF TO AC.

1/2" CW UP ——/ TO HB-1

PENETRATION. (TYP. 4)

3" FLUE VENT —

UP THRU ROOF

FOR SEISMIC BRACING OF PIPES SEE DETAILS 2, 3, 5, & 6 ON SHEET P004.

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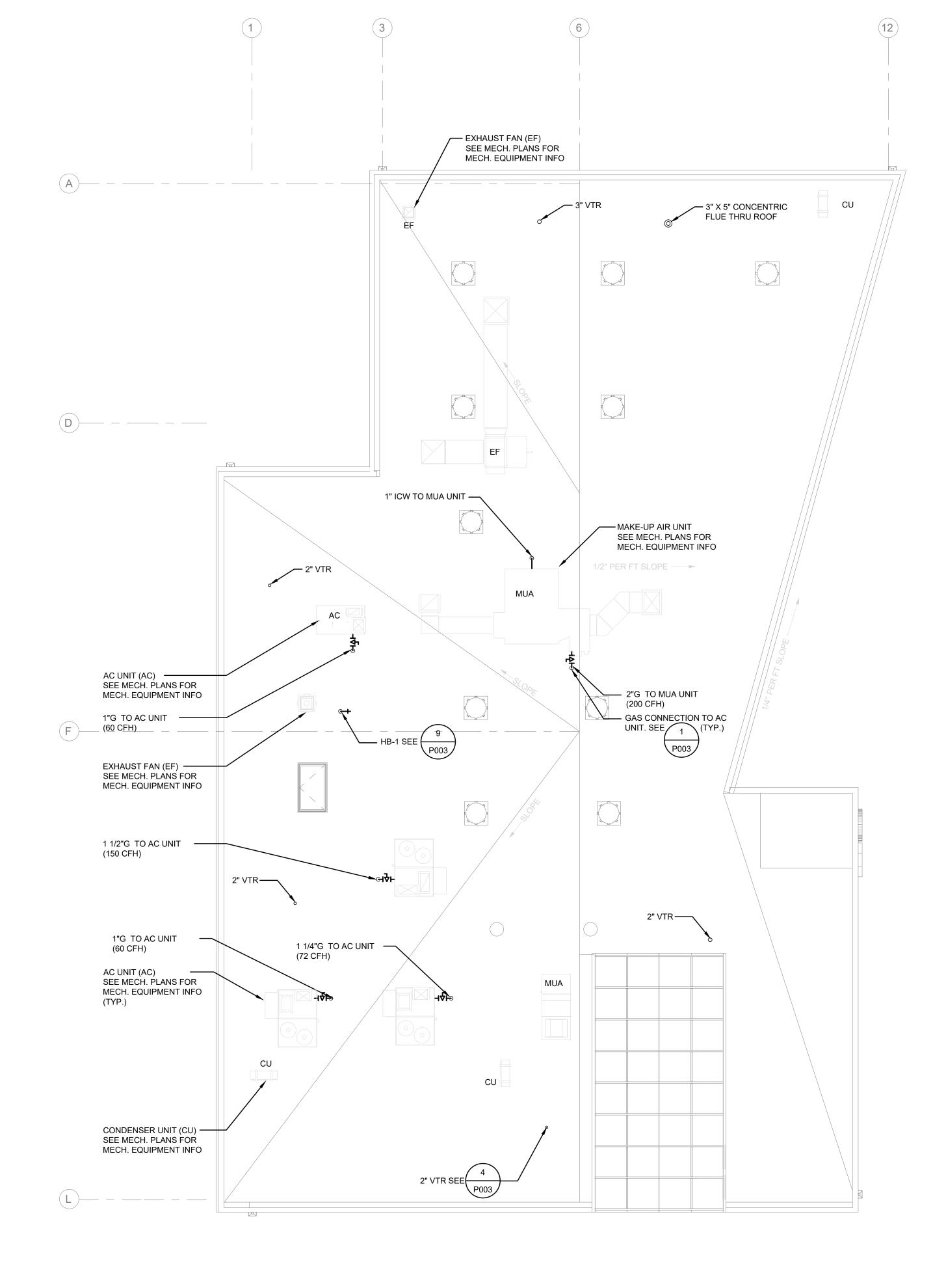
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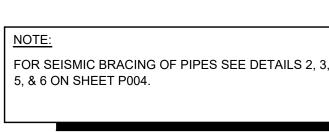
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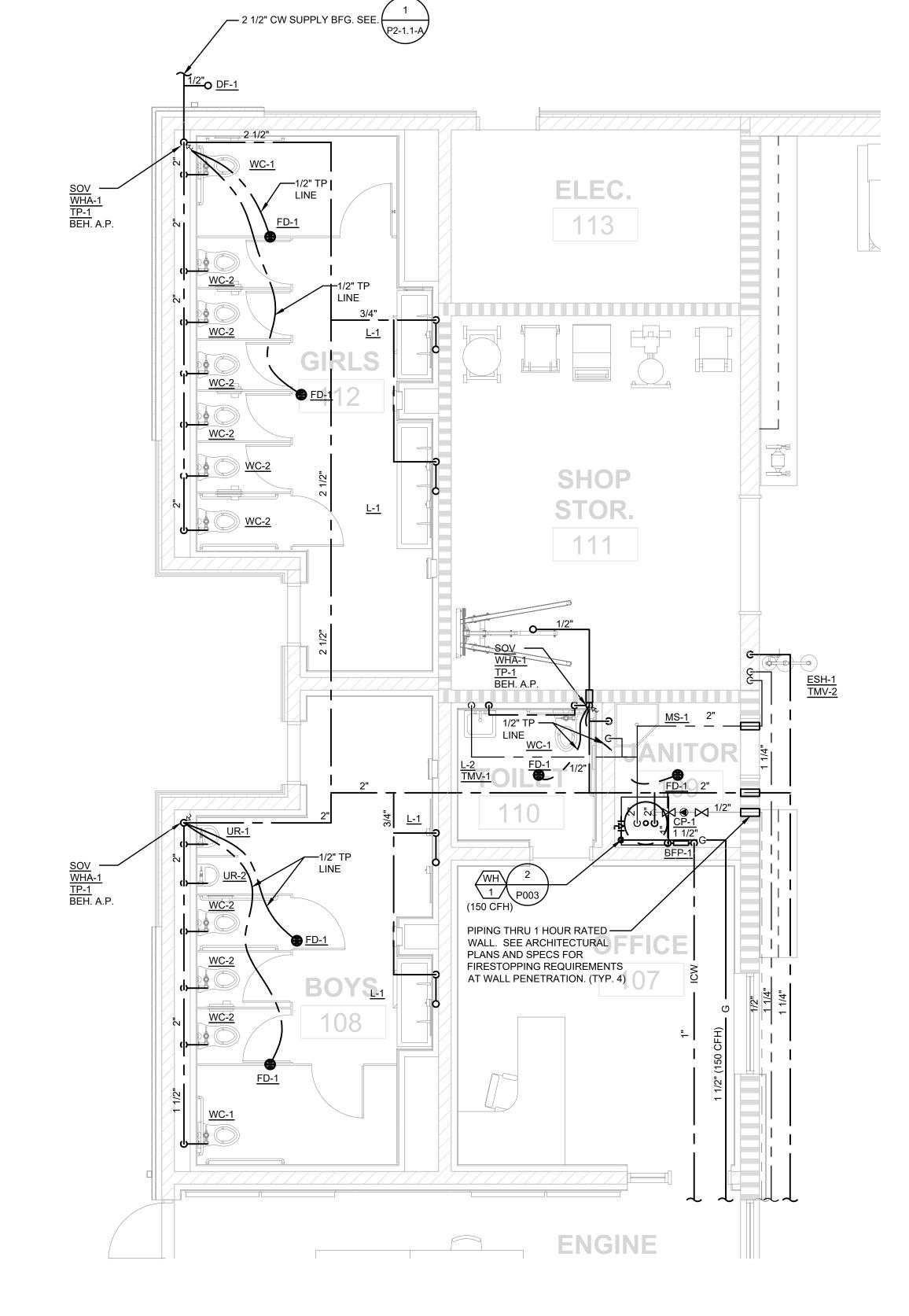
PLUMBING ROOF PLAN - BLDG. B

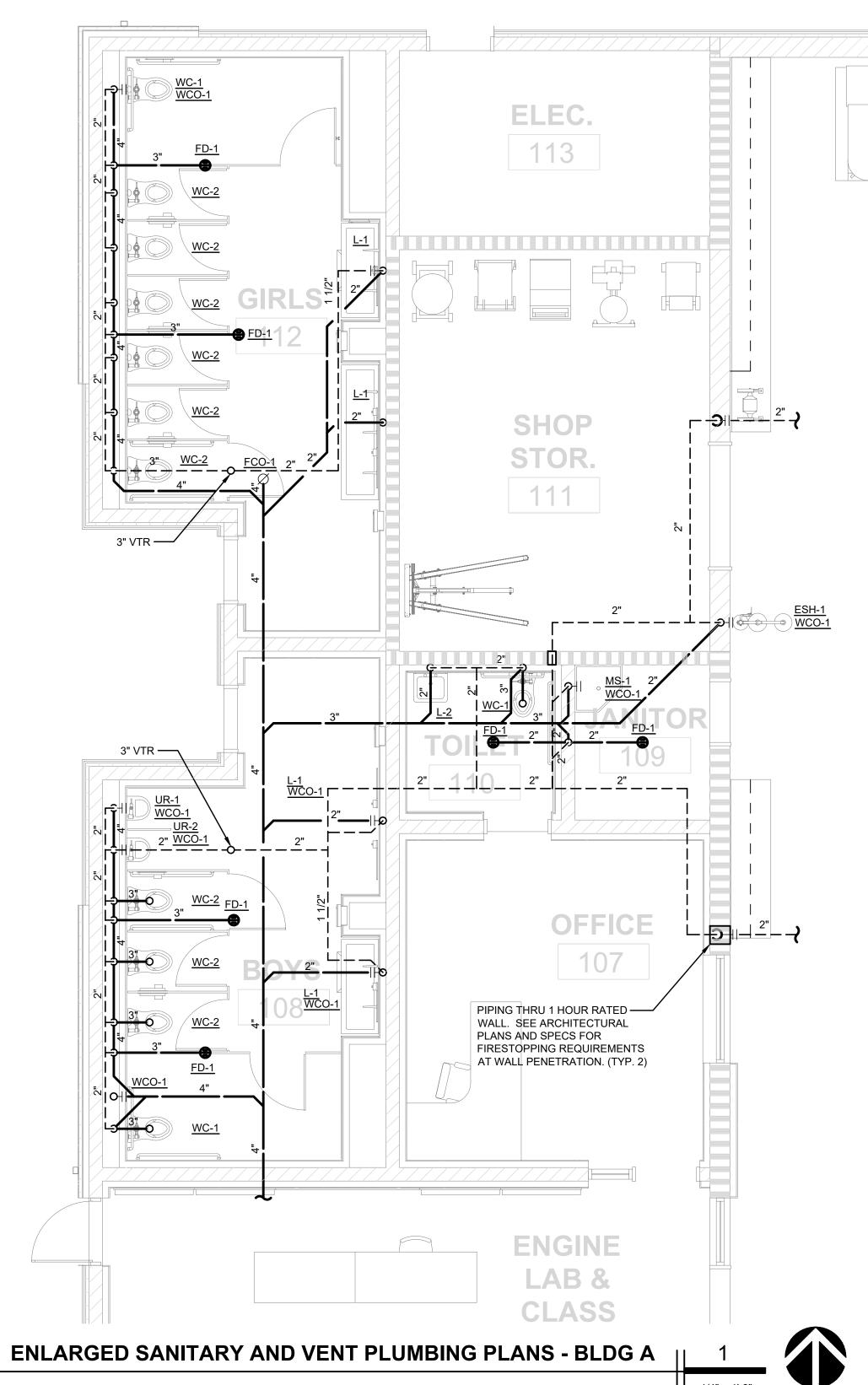
P2-2.1-B

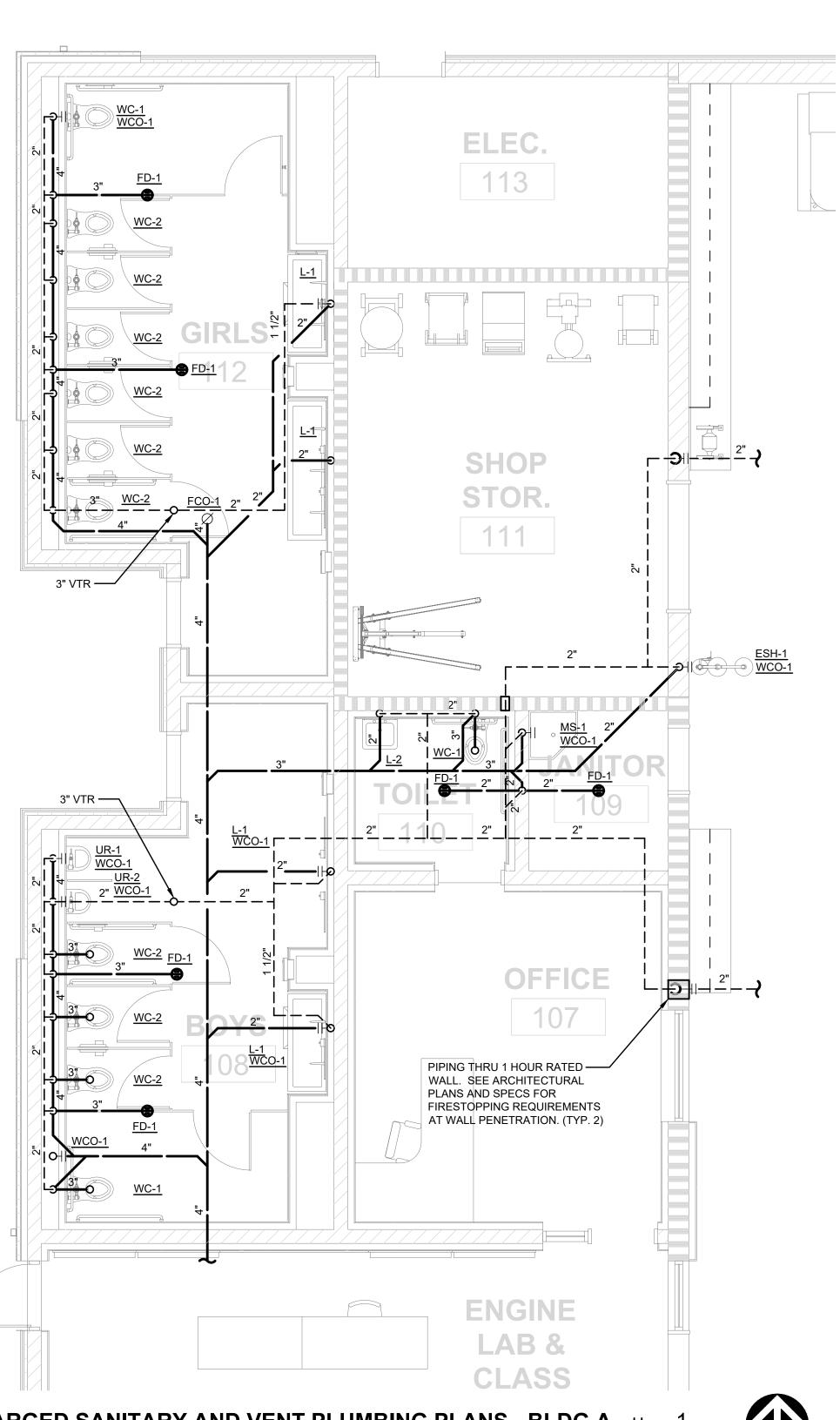
WD PROJ. # DRAWN BY: CHECKED DATE 18413 WD Checker 12/21/18





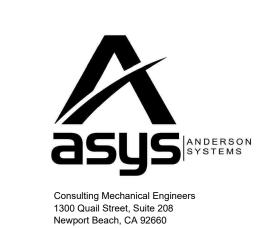






DIV. OF THE STATE ARCHITEC APP. 03-119532 INC: REVIEWED FOR SS P FLS P ESTACS P

19520 Jamboree Road | Suite 100 Irvine | California | 92612 949.250.0880 | FAX 949.250.0882 www.westgroupdesigns.com



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FILLMORE HIGH SCHOOL -NEW CTE BUILDINGS **FILLMORE** UNIFIED SCHOOL DISTRICT

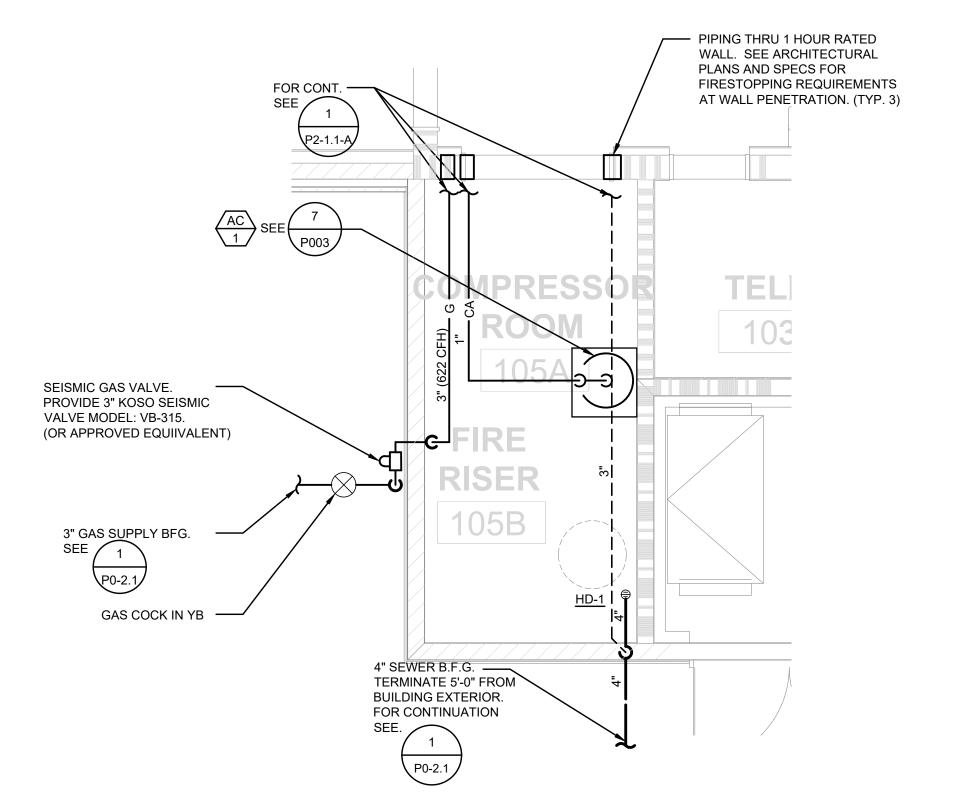
Fillmore, CA.
11/16/20
09/21/20
12/07/20
11/09/20
12/10/20
12/21/20
05/08/20

REGISTRATION/SIGNATURE:

ENLARGED PLUMBING PLANS -BLDG A

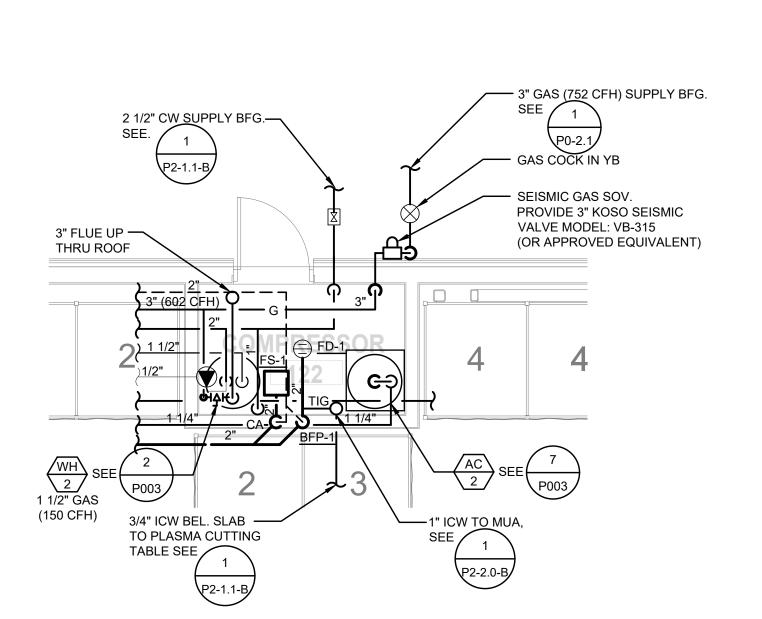
P3-1.1-A

WD PROJ. # DRAWN BY: CHECKED DATE 18413 WD Checker 12/21/18

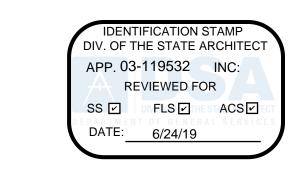




FOR SEISMIC BRACING OF PIPES SEE DETAILS 2, 3, 5, & 6 ON SHEET P004.











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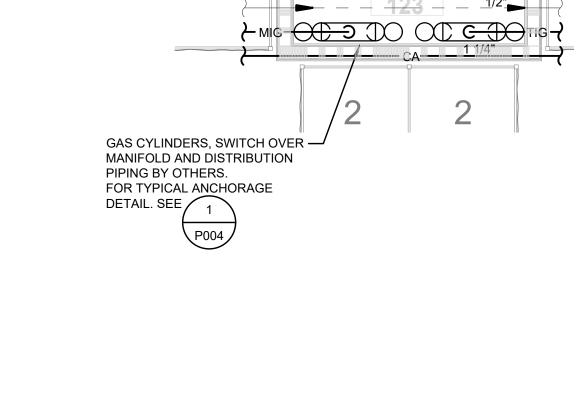
ISSUED FOR:	
SCHEMATIC DESIGN	11/16/2017
DESIGN DEVELOPMENT	09/21/2018
CONSTRUCTION DOCUMENTS	12/07/2018
50% CD	11/09/2018
95% CD	12/10/2018
DSA SUBMITTAL	12/21/2018
DSA BACKCHECK	05/08/2019
REVISIONS:	
11271011011	
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REGISTRATION/SIGNATURE:
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DATE OF CALIFORNIE

ENLARGED PLUMBING PLANS -BLDG B

WD PROJ. # DRAWN BY: CHECKED DATE 18413 WD Checker 12/21/18

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3" VENT UP — THRU ROOF

ENLARGED COMPRESSOR ROOM - BLDG B ||

