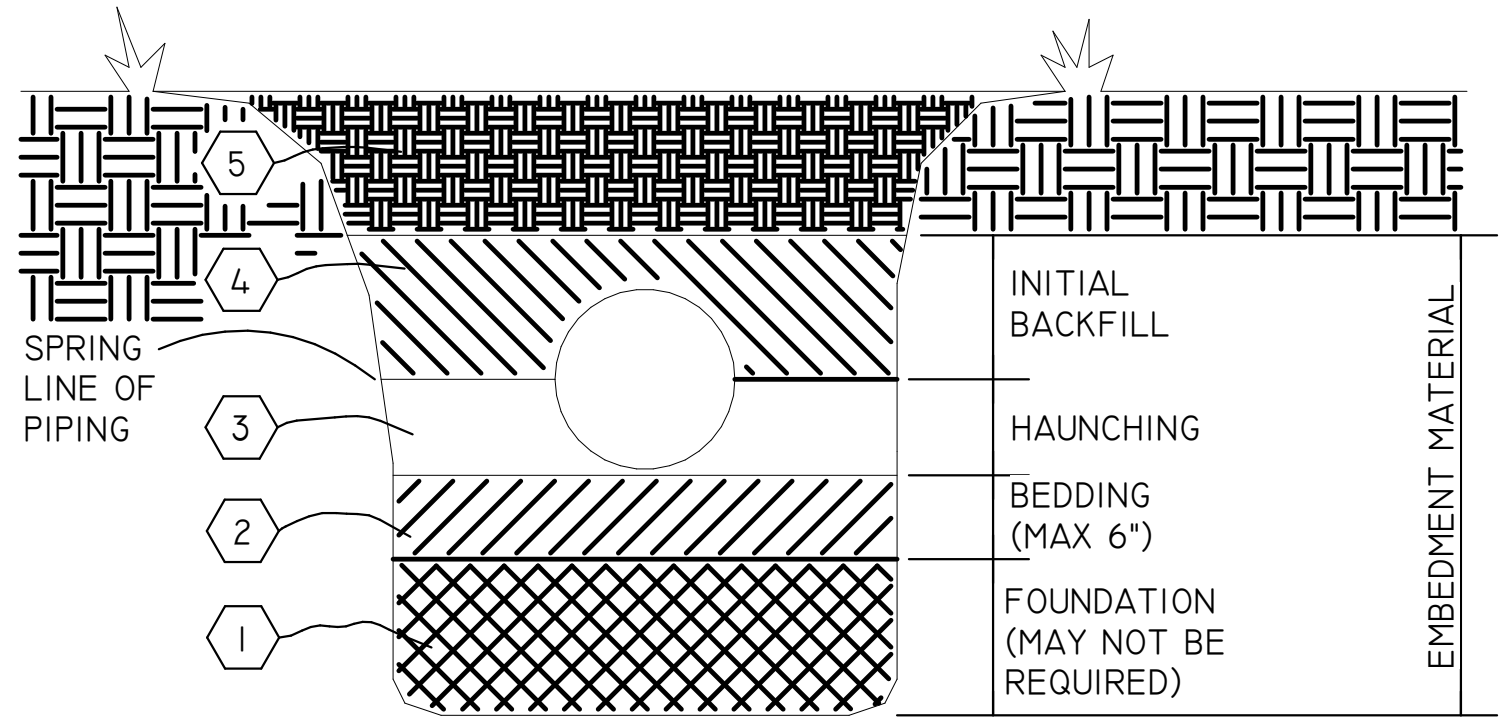
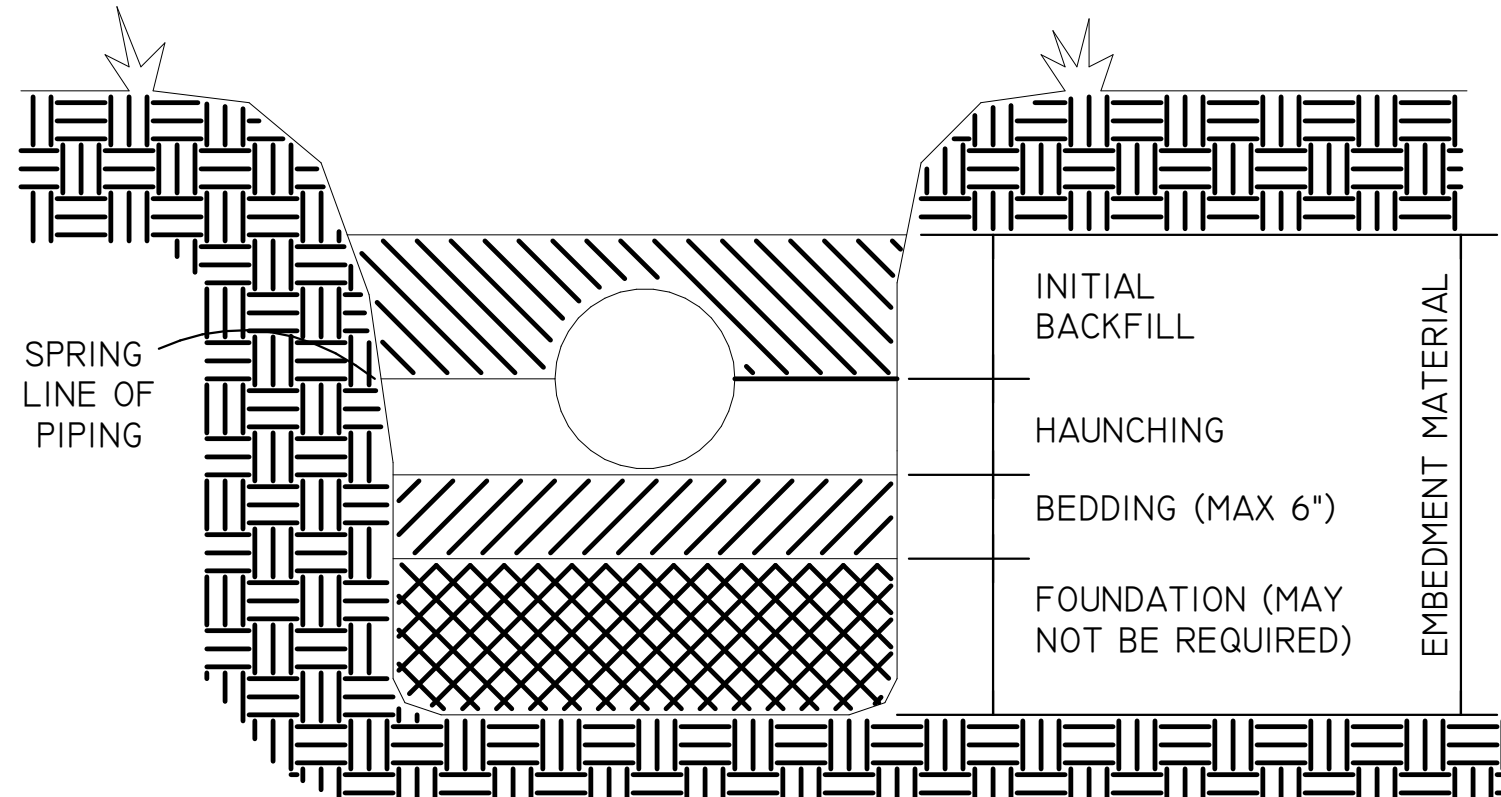




- 1 A FOUNDATION MAY BE REQUIRED IN VERY POOR SOIL CONDITIONS.
- 2 BEDDING IS REQUIRED PRIMARILY TO BRING THE TRENCH BOTTOM UP TO GRADE. BEDDING MATERIALS SHALL PROVIDE A UNIFORM AND ADEQUATE LONGITUDINAL SUPPORT UNDER THE PIPE. IN DRY SOIL CONDITIONS, CLASS II OR III MATERIAL SHALL BE HAND PLACED IN 4-6", LIGHTLY COMPACTED UNIFORM AND NOT FINER THAN THE FOUNDATION MATERIAL. IN WET CONDITIONS, CLASS I, II OR III MATERIAL SHALL BE HAND PLACED, 4-6", UNIFORM AND NOT FINER THAN THE FOUNDATION MATERIAL. WHEN UTILIZING CLASS I MATERIAL, SUFFICIENT AMOUNTS OF CLASS II OR III MATERIAL SHALL BE ADDED TO FILL ALL VOIDS CREATED BY THE USE OF CLASS I MATERIAL.
- 3 HAUNCHING MATERIAL SHALL BE HAND PLACED TO THE SPRINGLINE OF THE PIPE. CLASS II OR III MATERIAL SHALL BE CONSOLIDATED UNDER THE PIPE AND HAND TAMPED TO PROVIDE ADEQUATE SIDE SUPPORT.
- 4 INITIAL BACKFILL MATERIAL SHALL BE CLASS II OR III. IT SHALL BE PLACED WITHIN 24-30" ABOVE THE TOP OF THE PIPE AND TAMPED BY A PORTABLE VIBRATOR.
- 5 FINAL BACKFILL MATERIAL MAY BE MACHINE PLACED. THE MATERIAL SHALL BE CLASS II OR III MATERIAL. CLASS IV MATERIAL MAY BE INSTALLED OUTSIDE OF ROADWAY. FINAL BACKFILL UNDER ROADWAYS MAY REQUIRE SPECIAL COMPACTION AND DENSITY TESTS. A MINIMUM OF 30" OF COVER OVER THE TOP OF THE PIPE SHALL BE PROVIDED BEFORE THE TRENCH IS WHEEL-LOADED.
- NOTE: ALL EMBEDMENT MATERIALS SHALL BE NO LESS THAN 95% OF MAXIMUM DENSITY. LABORATORY TESTING OF THE SOIL WILL BE REQUIRED. THIS PROCEDURE SHALL BE REQUIRED ON ALL INSTALLATIONS.

GENERAL DATA BACKFILLING REQ.

NOT TO SCALE



EMBEDMENT MATERIALS

- CLASS I:
ANGULAR, 1/2" TO 1-1/2", GRADED STONE, INCLUDING A NUMBER OF FILL MATERIALS THAT HAVE REGIONAL SIGNIFICANCE SUCH AS CORAL, SLAG, CINDERS, CRUSHED STONE AND CRUSHED SHELLS.
- CLASS II:
COARSE SANDS AND GRAVELS WITH MAXIMUM PARTICLE SIZE OF 1" INCLUDING VARIOUS GRADED SANDS AND GRAVELS CONTAINING SMALL PERCENTAGES OF FINES, GENERALLY GRANULAR AND NON-COHESIVE, EITHER WET OR DRY. SOIL TYPES GW, GP, SW, AND SP ARE INCLUDED IN THIS CLASS.
- CLASS III:
FINE SAND AND CLAY GRAVELS, INCLUDING FINE SANDS, SAND-CLAY MIXTURES AND GRAVEL-CLAY MIXTURES. SOIL TYPES GM, GC, SM, AND SC ARE INCLUDED IN THIS CLASS.
- CLASS IV:
SILT, SILTY CLAYS, AND CLAYS, INCLUDING INORGANIC CLAYS AND SILT OF MEDIUM TO HIGH PLASTICITY AND LIQUID LIMITS. SOIL TYPES MH, ML, CH, AND CL ARE INCLUDED IN THIS CLASS. THESE MATERIALS ARE NOT TO BE USED FOR BEDDING, HAUNCHING, OR INITIAL BACKFILL.
- CLASS V:
THIS CLASS INCLUDES THE ORGANIC SOILS, AS WELL AS SOILS CONTAINING FROZEN EARTH, DEBRIS, ROCKS LARGER THAN 1-1/2" IN DIAMETER AND OTHER FOREIGN MATERIALS. THESE MATERIALS ARE NOT TO BE USED FOR BEDDING, HAUNCHING, OR INITIAL BACKFILL.

GENERAL DATA SOIL CLASSIFICATION

NOT TO SCALE

PLUMBING MATERIALS

A. PIPE AND FITTINGS

1. DOMESTIC HOT AND COLD WATER:
(A) UNDERGROUND - TYPE "K" HARD DRAWN COPPER WITH WROUGHT COPPER FITTINGS.
(B) ABOVE GRADE - TYPE "L" HARD DRAWN COPPER WITH WROUGHT COPPER FITTINGS.
2. SANITARY SOIL, WASTE AND VENT:
(A) UNDERGROUND - SERVICE WEIGHT CAST IRON BELL AND SPIGOT ENDS OR SCHEDULE 40 PVC.
(B) ABOVE GRADE - SERVICE WEIGHT CAST IRON NO-HUB OR SCHEDULE 40 PVC.

B. PIPE JOINTS

1. SWEAT SOLDER JOINTS IN COPPER PIPING SYSTEMS SHALL BE MADE WITH STAY-SAFE "BRIDGIT" LEAD FREE BEARING SOLDER WITH STAY-CLEAN LIQUID OR STAY-CLEAN PASTE FLUX BY J.W. HARRIS AND CO. INC.
2. CAST IRON BELL AND SPIGOT - TYLER "TY-SEAL" NEOPRENE JOINTS.
3. CAST IRON NO-HUB NEOPRENE SLEEVE - STAINLESS STEEL TYPE 304 SHIELD AND CLAMP, 24 GUAGE WITH HI-TORQUE CLAMPS TIGHTENED TO 100-12 INCH-POUNDS. CLAMPS SHALL BE CLAMP-ALL CORPORATION, ANAHEIM FOUNDRY CO. "HUSKY" OR MISSION.
4. SCHEDULE 40 PVC DWV PIPE FITTINGS - SOCKET GLUE OR THREADED.

C. VALVES

1. BALL VALVES SHALL HAVE CHROME PLATED BRASS BALL, VINYL COVERED STEEL HANDLE, TEFLON OR TFE SEATS, TWO-PIECE CONSTRUCTION. VALVES SHALL BE 150 LB. CLASS, MILWAUKEE BA-50, CRANE 9322, OR WATTS B6001.
2. CHECK VALVES SHALL HAVE BRASS BODY WITH SCREW PATTERN; MILWAUKEE NO. 509, STOCKHAM OR HAMMOND.
3. PLUG VALVES (COCKS): IRON BODIES WITH SCREW PATTERN; A.Y. MCDONNELL #10686, NORDSTROM FIG. 114 OR NORDSTROM FIG. 115.

D. PIPE INSULATION

1. FIBERGLASS, 1" THICK FOR DOMESTIC HOT WATER AND 1/2" THICK FOR DOMESTIC COLD WATER SYSTEMS; 1" THICK FOR STORM WATER (PRIMARY, SECONDARY PIPING IN ITS ENTIRETY) OWENS CORNING TYPE ASJ/SSL-II. ENDS OF FIBERGLASS PIPE INSULATION SHALL BE SEALED WITH FOSTER 30-35 COATING AT ALL FLANGES, VALVES, FITTINGS AND AT INTERVALS OF NOT MORE THAN 20' OF CONTINUOUS RUNS OF PIPE. VALVE BODIES AND BONNETS SHALL BE INSULATED. NO STAPLES SHALL BE PERMITTED FOR INSTALLATION OF INSULATION.

E. PIPE HANGERS AND SUPPORTS

1. HANGERS - ADJUSTABLE CARBON STEEL CLEVIS; GRINNEL NO. 260, CT-65.
2. VERTICAL SUPPORT - STEEL RISER CLAMP.
3. PROVIDE COPPER PLATED HANGERS AND SUPPORTS FOR COPPER PIPING.
4. SPACE SUPPORTS NO MORE THAN 8 FEET APART FOR 10-FOOT SECTION OF CAST IRON SOIL PIPE WITH A MINIMUM OF TWO SUPPORTS PER 10-FOOT SECTION. SUPPORT HORIZONTAL SOIL PIPE NEAR EACH HUB. SUPPORTS FOR COPPER PIPE SHALL BE SPACED NO MORE THAN 5 FEET APART.

F. DRAIN PANS

1. ALL FLOOR DRAIN, EXCEPT FOR THOSE IN CONCRETE SLAB ABOVE EARTHFILL, SHALL BE PROVIDED WITH NON-PLASTICIZED CHLORINATED POLYETHYLENE, "CHLORALOY 240" BRAND CONCEALED WATERPROOFING MEMBRANE.

ADA REQUIREMENTS

THIS APPLIES TO HANDICAPPED ACCESSIBLE FIXTURES ONLY.

WATER CLOSETS: THE HEIGHT OF WATER CLOSETS SHALL BE 17" TO 19" MEASURED TO THE TOP OF THE TOILET SET. SEATS SHALL NOT BE SPRUNG TO RETURN TO A LIFTED POSITION. THE WATER CLOSET SHALL BE LOCATED 18" FROM THE SIDE WALL TO THE CENTER LINE OF THE BOWL. HAND OPERATED FLUSH CONTROLS SHALL BE MOUNTED ON THE WIDE SIDE OF TOILET AREAS. NO MORE THAN 29" ABOVE THE FINISH FLOOR. SEE ARCHITECTURAL DRAWINGS FOR GRAB BAR LOCATIONS.

URINALS: THE URINALS SHALL BE WALL HUNG WITH AN ELONGATED RIM AT A MAXIMUM OF 17" ABOVE THE FINISH FLOOR. HAND OPERATED FLUSH CONTROLS SHALL BE MOUNTED NO MORE THAN 44" ABOVE FINISH FLOOR.

LAVATORIES: LAVATORIES SHALL BE MOUNTED WITH THE RIM OR COUNTER SURFACE NO HIGHER 34" ABOVE THE FINISH FLOOR. PROVIDE A CLEARANCE OF AT LEAST 29" ABOVE THE FINISH FLOOR TO THE BOTTOM OF THE APRON. KNEE SPACE SHALL BE 8" FROM BOTTOM EDGE OF APRON TO THE LEADING EDGE OF THE BOTTOM OF THE BOWL. THE BOTTOM OF THE BOWL SHALL BE A MINIMUM OF 27" ABOVE THE FINISH FLOOR. ALL WATER AND DRAIN PIPING UNDER LAVATORIES SHALL BE INSULATED WITH A FOAM INSERT COVERED WITH A 1/8" VINYL OUTER SHELL. ANGLE STOPS SHALL HAVE A FLIP TOP ACCESS.

FAUCETS: CONTROLS SHALL BE LEVER HANDLES OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 LBF.

SINKS: SINKS SHALL BE MOUNTED WITH THE RIM OR COUNTER SURFACE NO HIGHER 34" ABOVE THE FINISH FLOOR. PROVIDE A KNEE CLEARANCE OF AT LEAST 27" HIGH, 30" WIDE, AND 19" DEEP. SINKS SHALL BE A MAXIMUM OF 6 1/2" DEEP. ALL WATER AND DRAIN PIPING UNDER LAVATORIES SHALL BE INSULATED WITH A FOAM INSERT COVERED WITH A 1/8" VINYL OUTER SHELL. ANGLE STOPS SHALL HAVE A FLIP TOP ACCESS.

PLUMBING LEGEND

NOTE: NOT ALL SYMBOLS SHOWN MAY BE REQUIRED FOR THIS PROJECT

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
—	SANITARY SEWER	□ FD	FLOOR DRAIN
----	VENT	○ VTR	VENT THRU ROOF
— CD —	CONDENSATE DRAIN	○ FCO	CLEANOUT (FLOOR)
—	STORM	○ COTG	CLEANOUT (GRADE)
—	COLD WATER	⊕ WCO	CLEANOUT (WALL)
—	HOT WATER	WC	WATER CLOSET
—	HOT WATER RETURN	UR	URINAL
—	RISER DOWN (ELBOW)	L	LAVATORY
—	RISER UP (ELBOW)	SH	SHOWER
—	RISE OR DROP	S	SINK
—	BRANCH - TOP CONNECTION	HB	HOSE BIBB
—	BRANCH - BOTTOM CONNECTION	WH	WALL HYDRANT
— T —	TRAP PRIMER	AAV	AIR ADMITTANCE VALVE
		HD	HUB DRAIN
		RD	ROOF DRAIN
◀▶	NEW CONNECTION		
◐◑	DISCONNECT		

GENERAL PLUMBING NOTES

- THE FOLLOWING NOTES ARE GENERAL IN NATURE AND PERTAIN TO THE ENTIRE PROJECT. WHERE THERE ARE EXCEPTIONS, ADDITIONS, OR REVISIONS TO THESE NOTES SUCH EXCEPTIONS, ADDITIONS OR REVISIONS ARE SO NOTED ON THE PARTICULAR DRAWING THEY OCCUR.
- PIPING IS SHOWN IN SCHEMATIC FORM. ALL WORK SHALL BE COORDINATED WITH ALL TRADES INVOLVED.
- REFER TO ARCHITECTURAL PLANS FOR LOCATION OF ALL EQUIPMENT.
- ACCESS PANELS SHALL BE PROVIDED, WHERE REQUIRED, TO SERVICE VALVES AND OTHER MECHANICAL EQUIPMENT.
- ALL VALVES IN CORRIDORS SHALL BE LOCATED 1'-0" AWAY FROM WALLS CLEAR OF SOFFITS UNLESS NOTED OTHERWISE.
- STORM AND SANITARY PIPING 3" AND LARGER SHALL BE SLOPED AT 1/8" PER FOOT UNLESS NOTED OTHERWISE.
- VERIFY ALL EQUIPMENT CONNECTIONS WITH MANUFACTURERS CERTIFIED DRAWINGS. FIELD VERIFY AND COORDINATE ALL DIMENSIONS PRIOR TO FABRICATION.
- FIELD VERIFY ALL EXISTING CONDITIONS DURING DEMOLITION AND REROUTE PIPING CONFIGURATIONS AS NECESSARY.
- UNLESS NOTED OR OBVIOUS OTHERWISE, PIPE RUNS SHOWN OCCUR IN THE CEILING SPACE OF THE LEVEL INDICATED ON PLANS.
- CONTRACTOR SHALL PROVIDE DIRT LEG PER FLORIDA PLUMBING CODE EVERYWHERE GAS PIPING TURNS 90 DEG UP.
- CONTRACTOR SHALL PAINT ALL GAS PIPING YELLOW.
- PROVIDE NEW 2PSI TO 7" W.G. REGULATOR FOR ALL EQUIPMENT NEW OR EXISTING TO REMAIN.

CODE REFERENCES

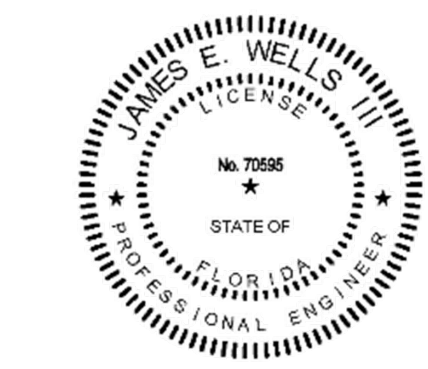
- ALL WORK SHALL COMPLY WITH ALL LOCAL BUILDING CODES, LAWS, REGULATIONS, ORDINANCES, AND CODES AS FOLLOWS:
 - ACCESSIBILITY: FLORIDA BUILDING CODE - 2023 8TH EDITION
 - ENERGY CONSERVATION: FLORIDA BUILDING CODE - 2023 8TH EDITION
 - BUILDING: FLORIDA BUILDING CODE - 2023 8TH EDITION
 - EXISTING BUILDING: FLORIDA BUILDING CODE - 2023 8TH EDITION
 - FUEL GAS: FLORIDA BUILDING CODE - 2023 8TH EDITION
 - MECHANICAL: FLORIDA BUILDING CODE - 2023 8TH EDITION
 - PLUMBING: FLORIDA BUILDING CODE - 2023 8TH EDITION
 - NATIONAL ELECTRICAL CODE - 2014 EDITION
 - NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 101, 2015 LIFE SAFETY CODE FOR FLORIDA
 - APPLICABLE CODE SECTIONS AS REQUIRED BY FLORIDA ADMINISTRATIVE CODE 69A-3.012
 - AMERICANS WITH DISABILITY ACT 2010 (ADA 2010)



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PLUMBING LEGEND,
ABBREVIATIONS, &
NOTES

P0.01



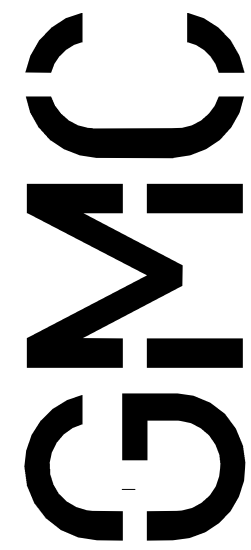
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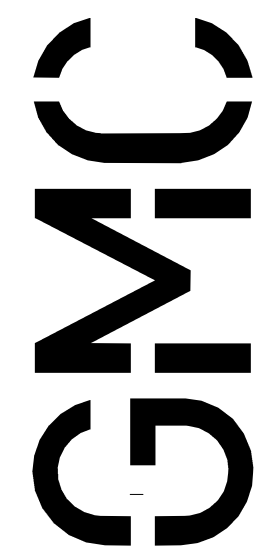
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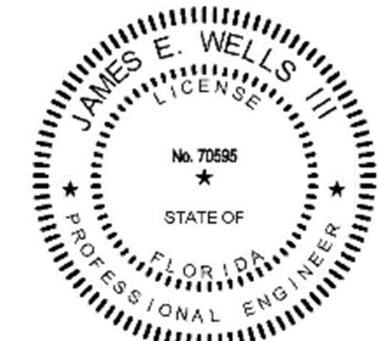
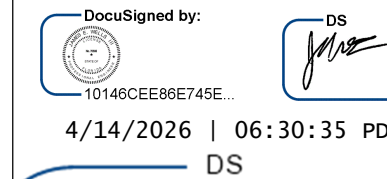
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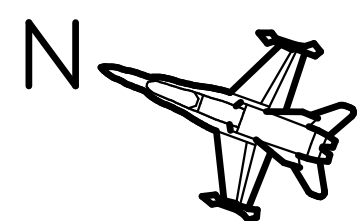
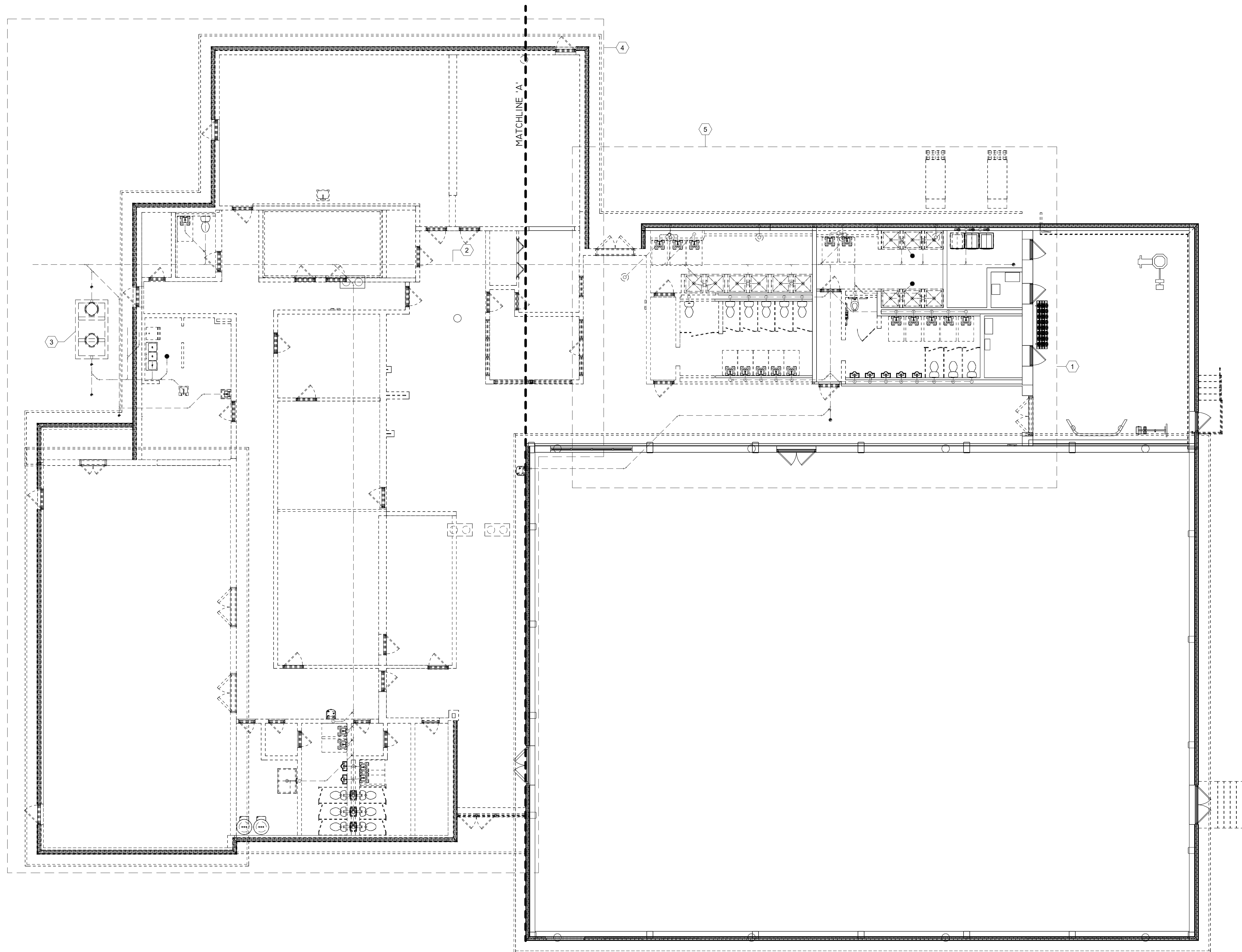


SANITARY PLUMBING DEMOLITION PLAN

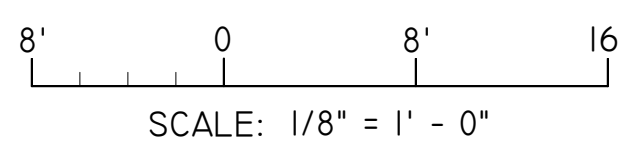
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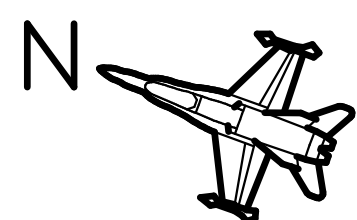
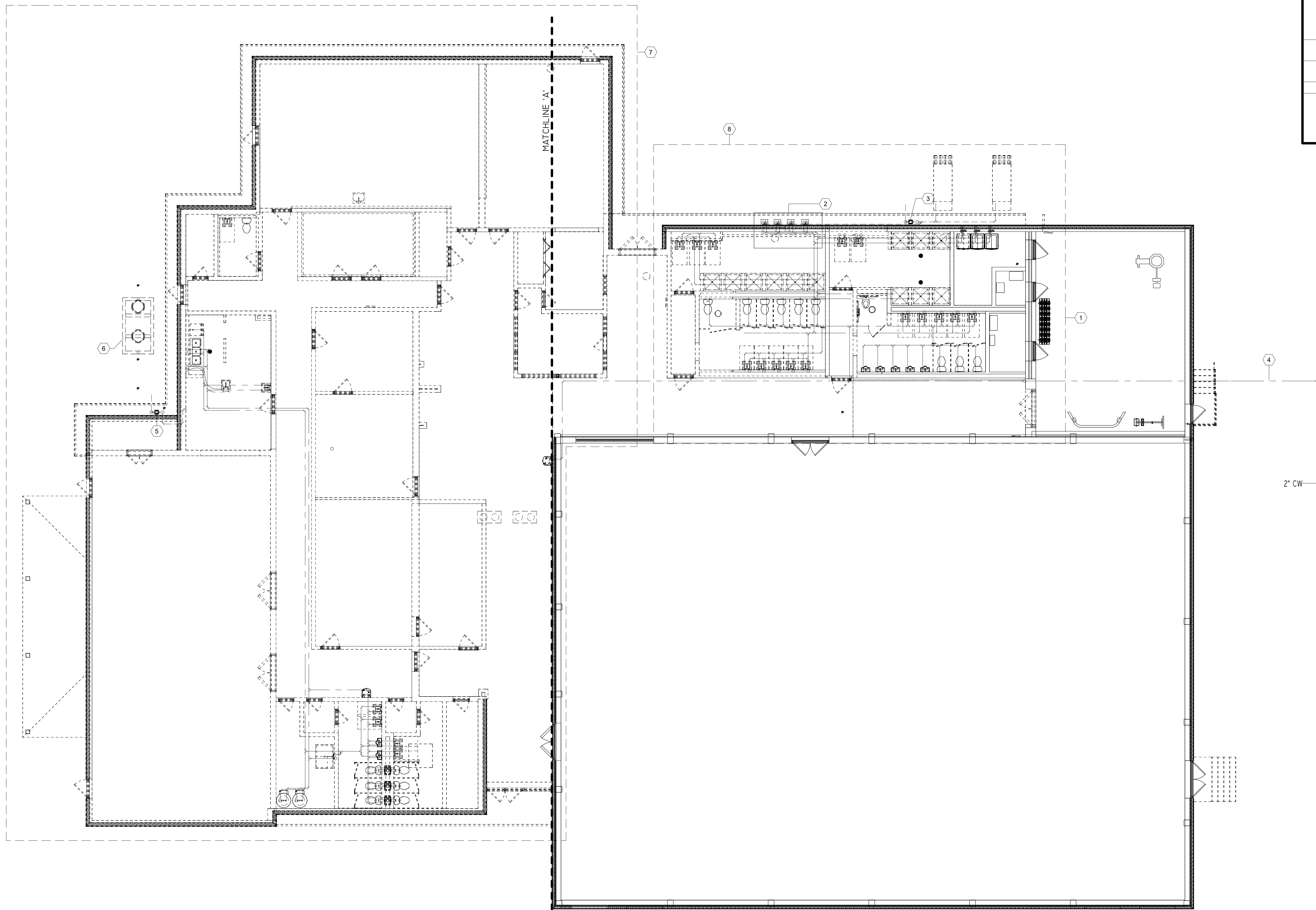


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SANITARY PLUMBING DEMOLITION PLAN





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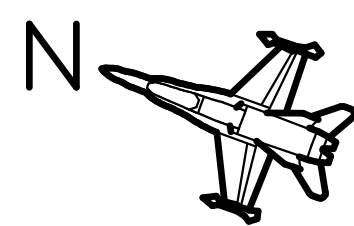
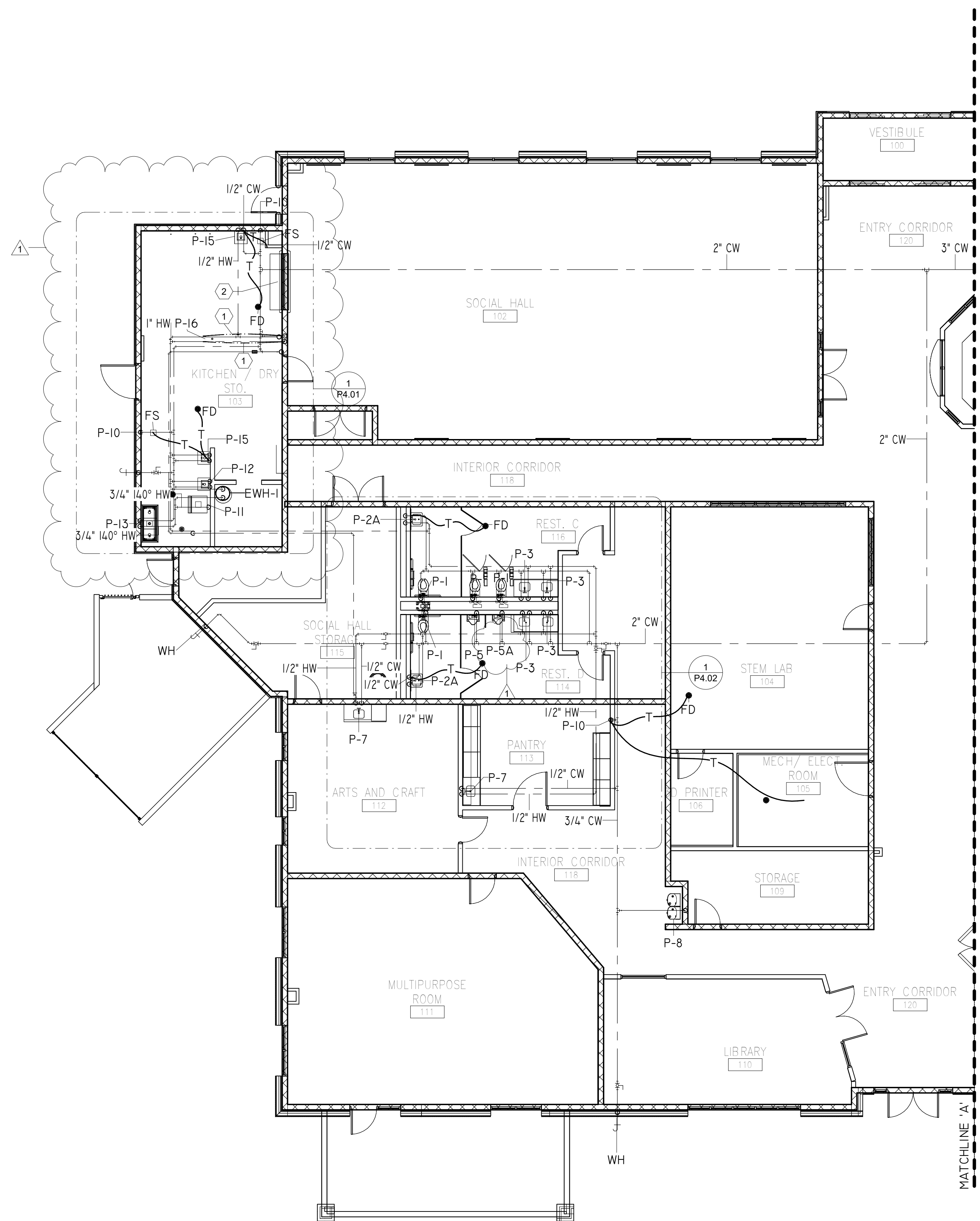
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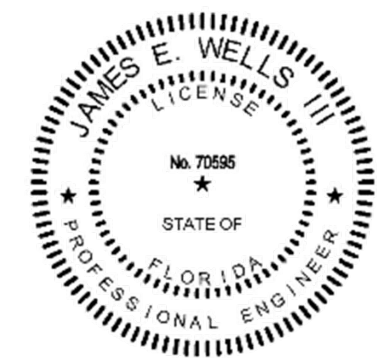
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**DOMESTIC PIPING NEW
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(WEST)**

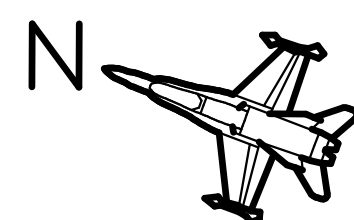
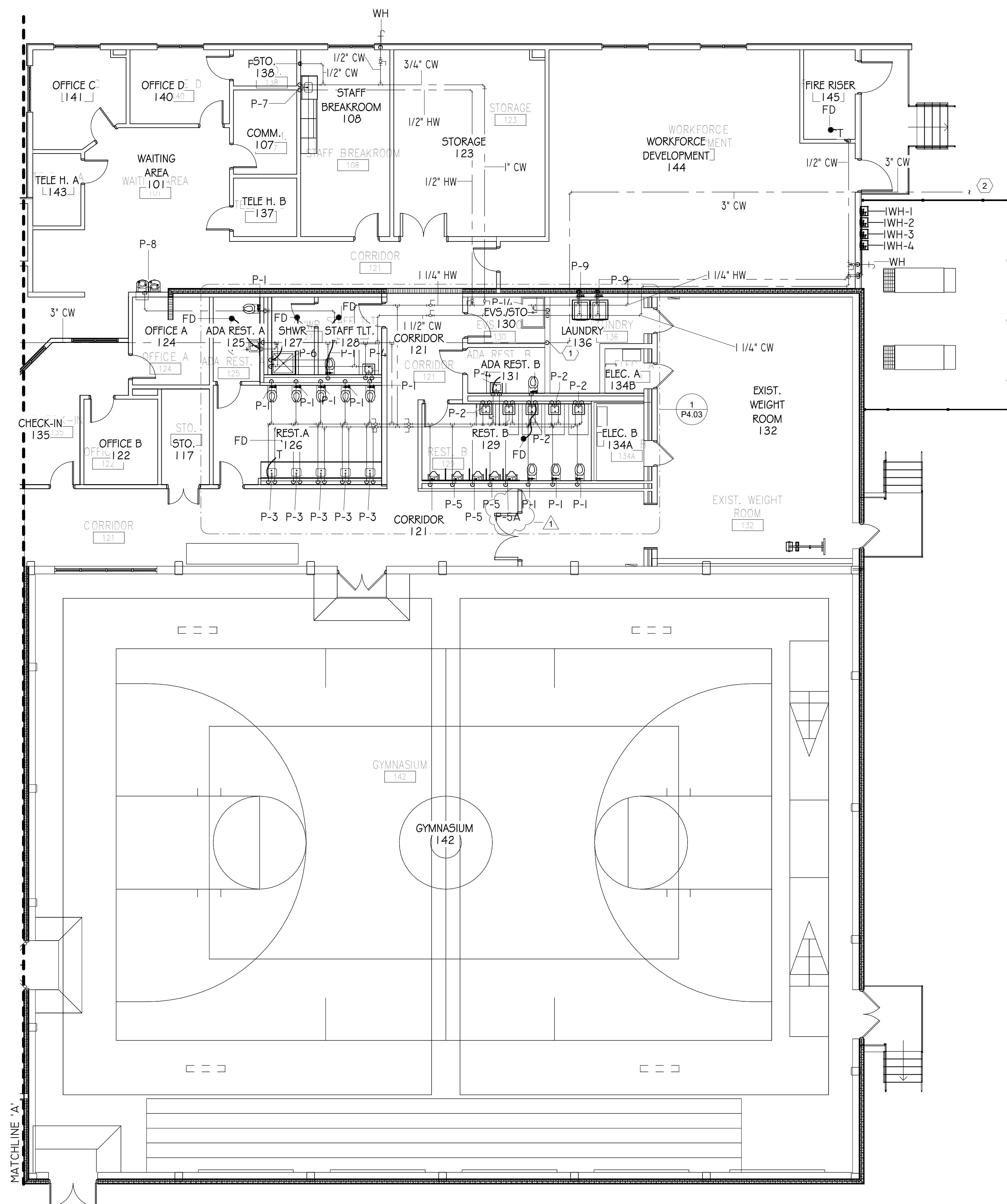
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**DOMESTIC PIPING NEW
WORK ENLARGED PLAN
(EAST)**

P1.12

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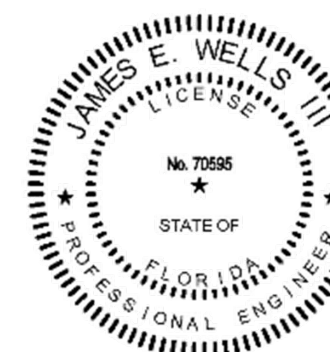
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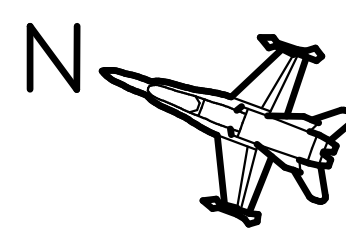
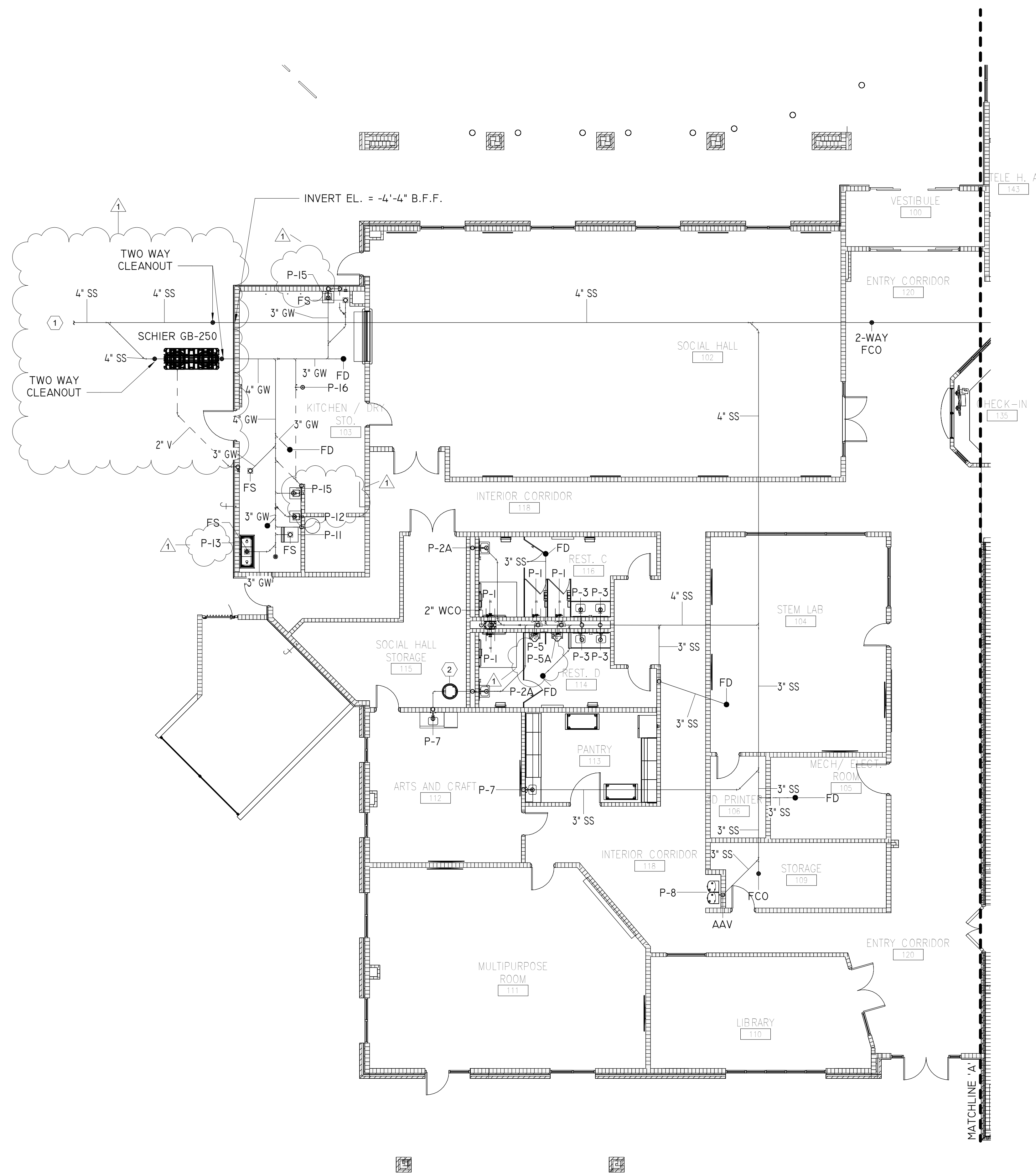
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SANITARY PIPING NEW WORK PLAN - WEST

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SANITARY PIPING NEW WORK PLAN - WEST

P1.21

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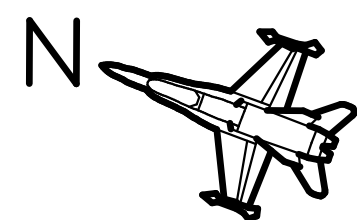
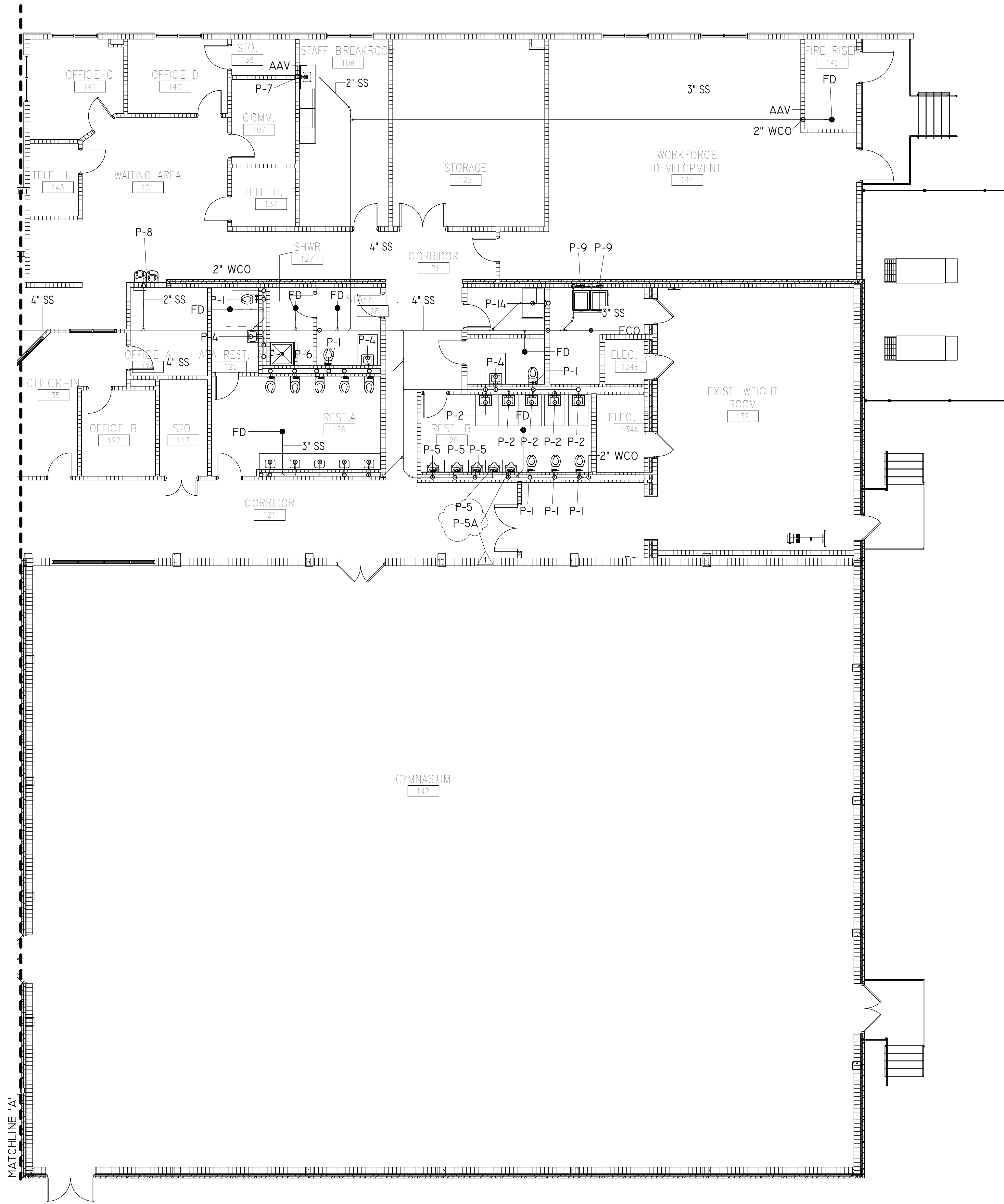
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SANITARY PIPING NEW WORK PLAN - EAST

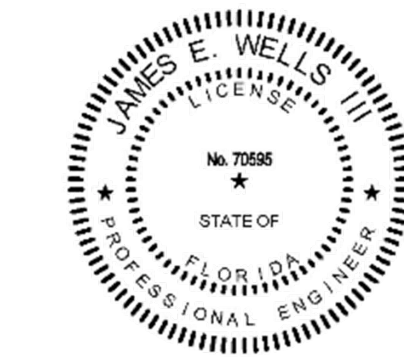
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**SANITARY PIPING NEW
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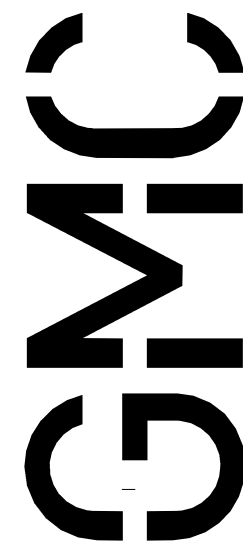
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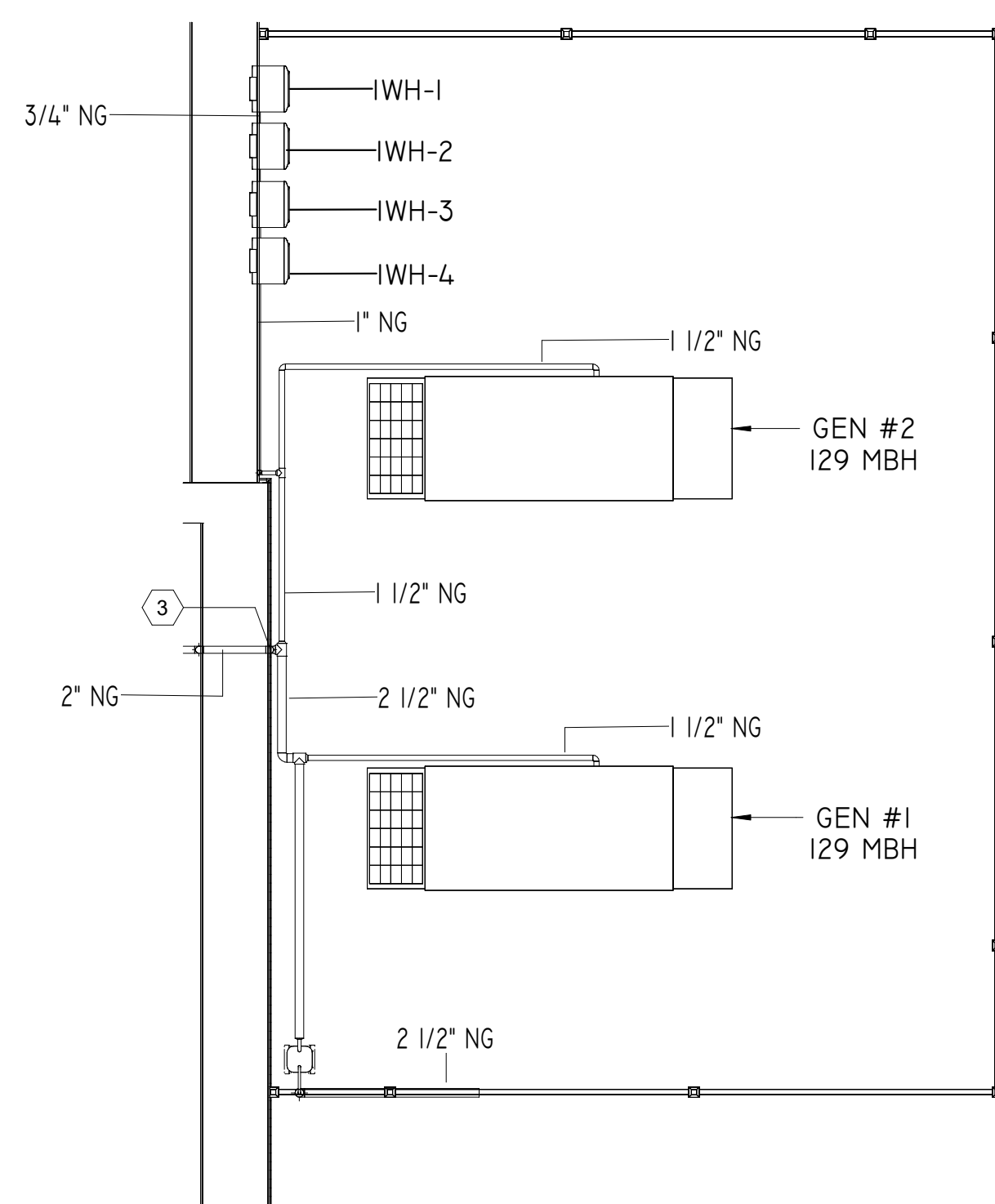
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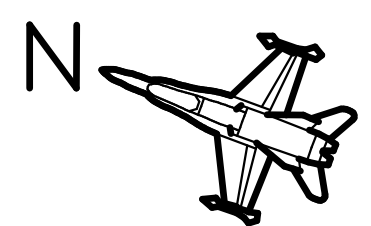
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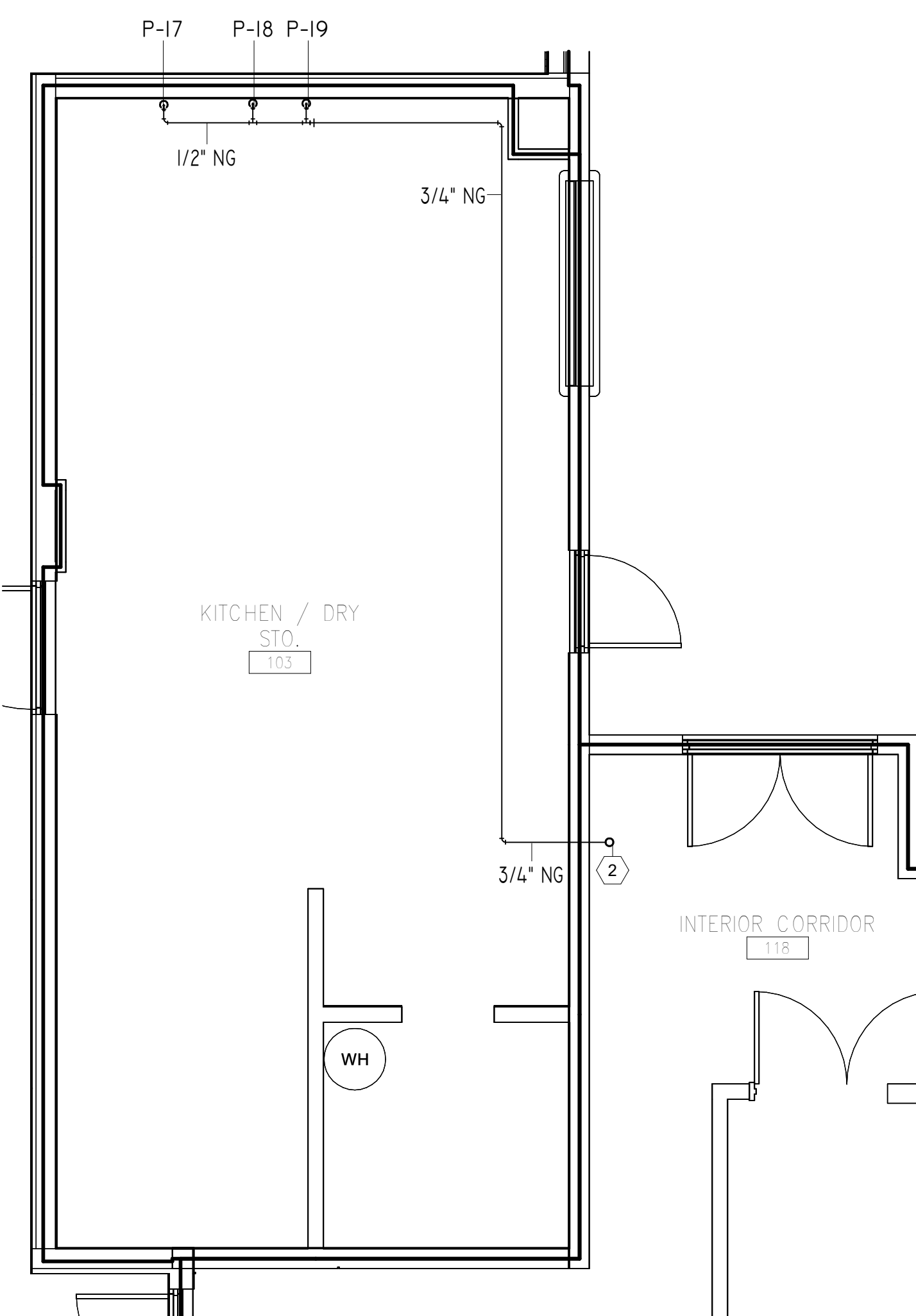




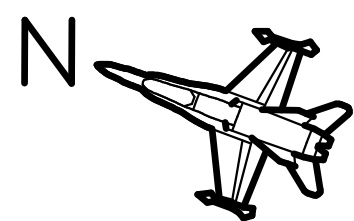
NATURAL GAS PIPING NEW WORK PLAN - MECHANICAL YARD



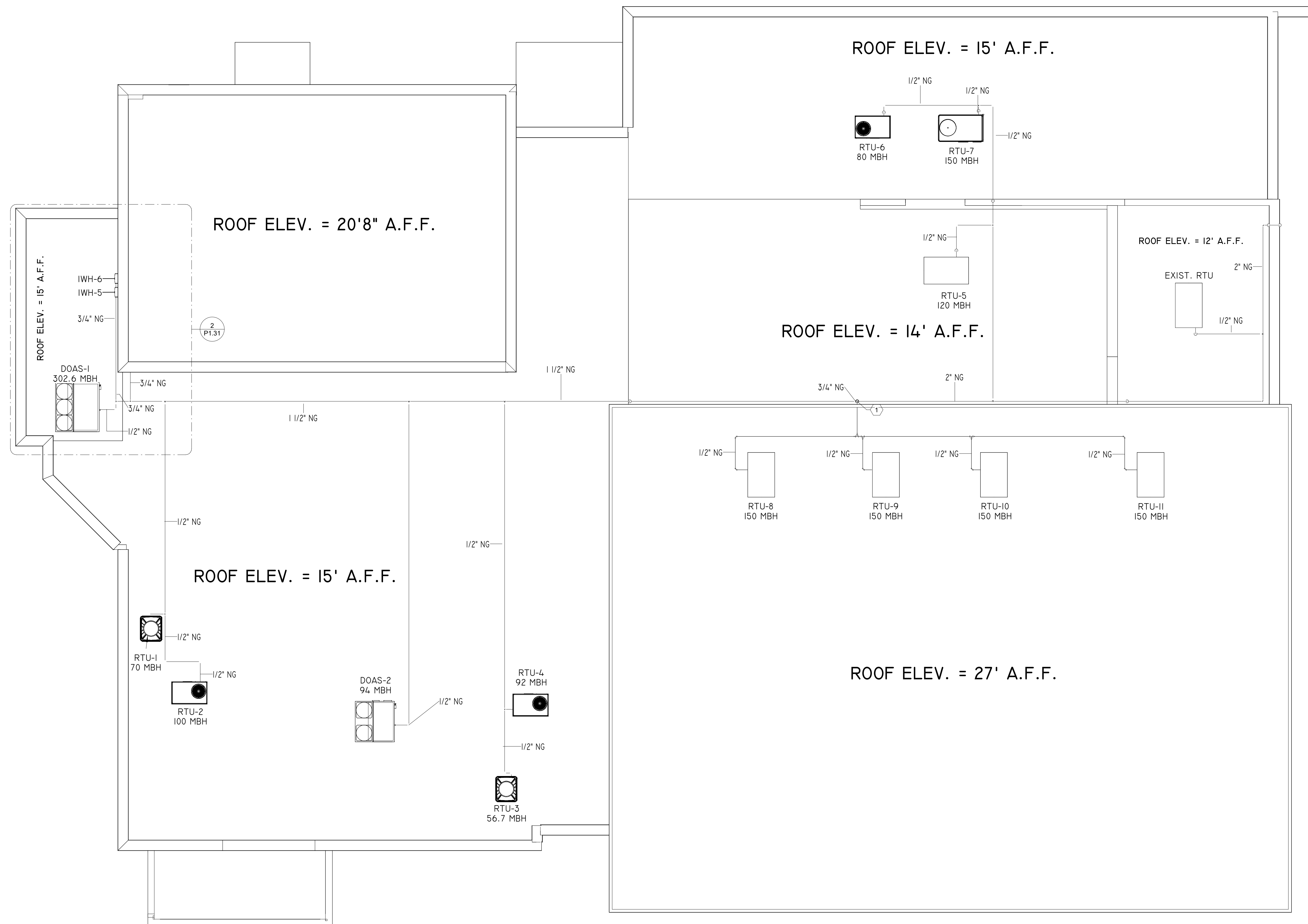
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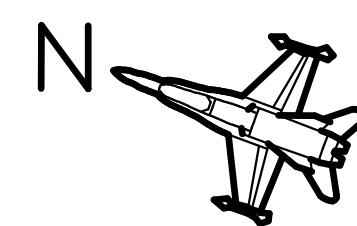
NATURAL GAS PIPING NEW WORK PLAN - KITCHEN



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



NATURAL GAS PIPING NEW WORK PLAN - ROOF PLAN



8' 0 8' 1'

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

PLUMBING SHEET NOTES

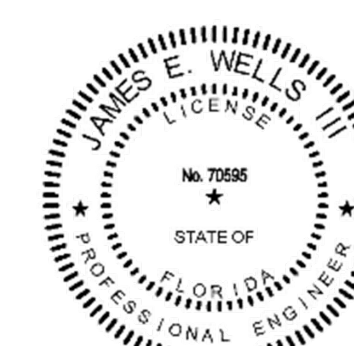
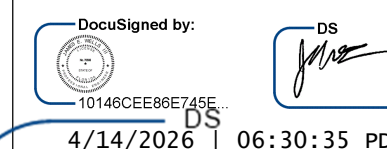
1	NATURAL GAS PIPING FROM FLOOR BELOW.
2	NATURAL GAS PIPING FROM ROOF ABOVE.
3	GAS PIPING TO ROOF ABOVE.

G OODWYN MILLS CAWOOD, LLC.
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Gerald Steven Jernigan -
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FL Architect AR 0009953

**FRICKER RESOURCE CENTER
RENOVATION PROJECT**

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NATURAL GAS PIPING NEW WORK PLAN

P1.31



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ENGINEERING

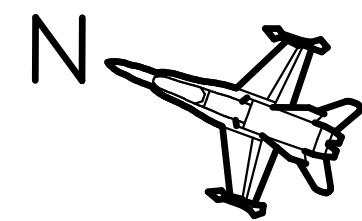
W3 Engineering Inc.

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PENSACOLA, FL 32502
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F: (888)478-4898
FL P.E. #: 70595
FL AUTHORIZATION #: 31

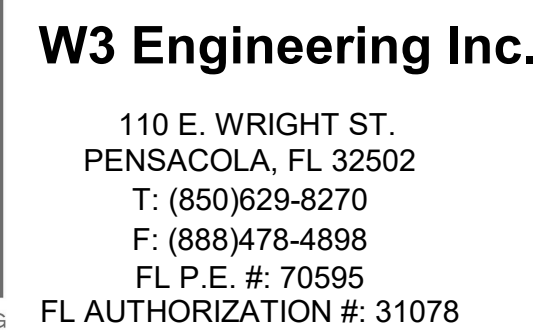
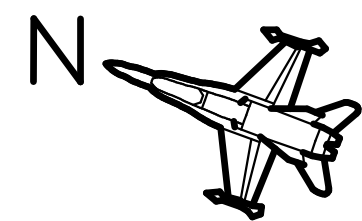
ENGINEERING

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



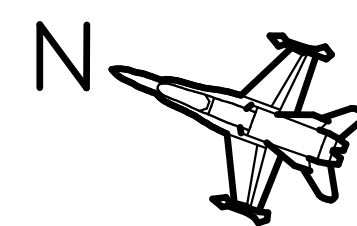
P4.01

A circular professional engineer seal for James E. Wells. The outer ring contains the text "JAMES E. WELLS" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by three stars. The inner circle contains the text "LICENSE" at the top, "No. 70995" in the center, and "STATE OF FLORIDA" at the bottom, also separated by three stars.

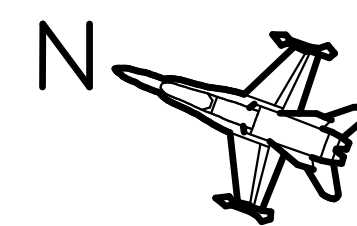
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	PERMIT SET	12/08/2025
1	Code Comments	4-13-26
	DRAWN BY:	CNA
	CHECKED BY:	JEW3

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SCALE: $\frac{3}{8}" = 1' - 0"$



SCALE: 3/8" = 1' - 0"

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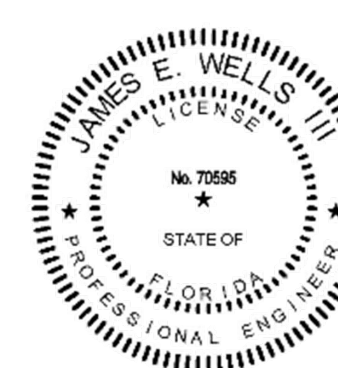
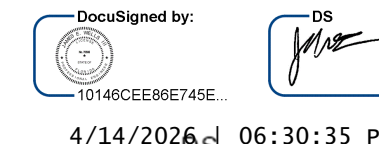
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PLUMBING NEW WORK
ENLARGED PLAN -
RESTROOM C/D

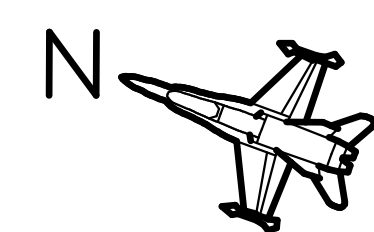
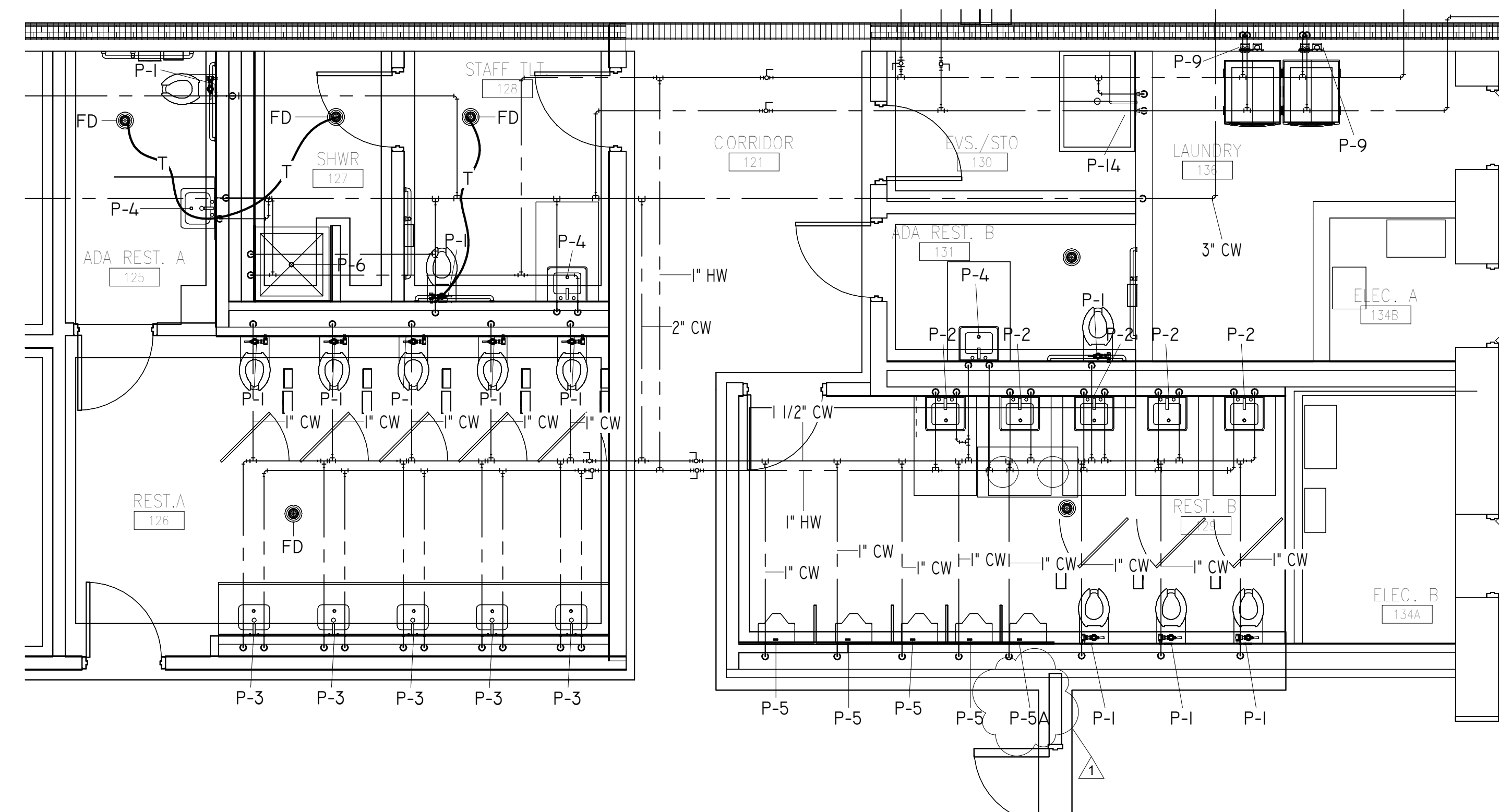
P4.02



WU
ENGINEERING

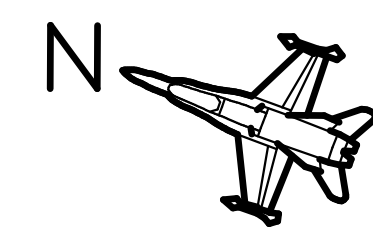
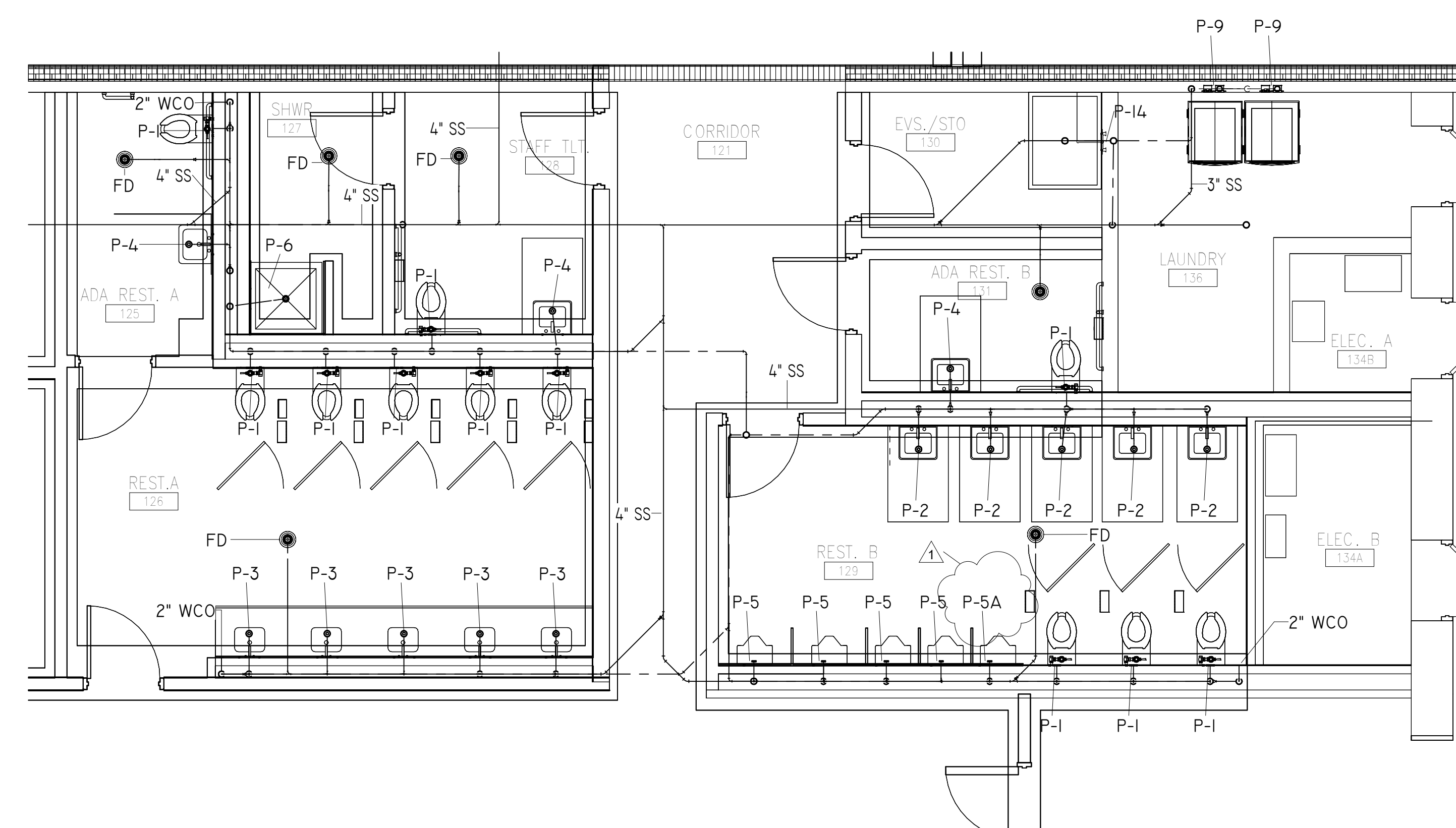
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FL P.E. #: 70595
FL AUTHORIZATION #: 31078



DOMESTIC PIPING NEW WORK ENLARGED PLAN - RESTROOM C/D

4' 0 4' 8
SCALE: 1/4" = 1' - 0"



SANITARY PIPING NEW WORK ENLARGED PLAN - RESTROOM C/D

4' 0 4' 8
SCALE: 1/4" = 1' - 0"

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**DOMESTIC PIPING NEW
WORK ENLARGED PLAN
- EAST RESTROOM**

P4.03

FRICKER RESOURCE CENTER
RENOVATION PROJECT

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ISSUE	DATE
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1 Code Comments	4-13-26

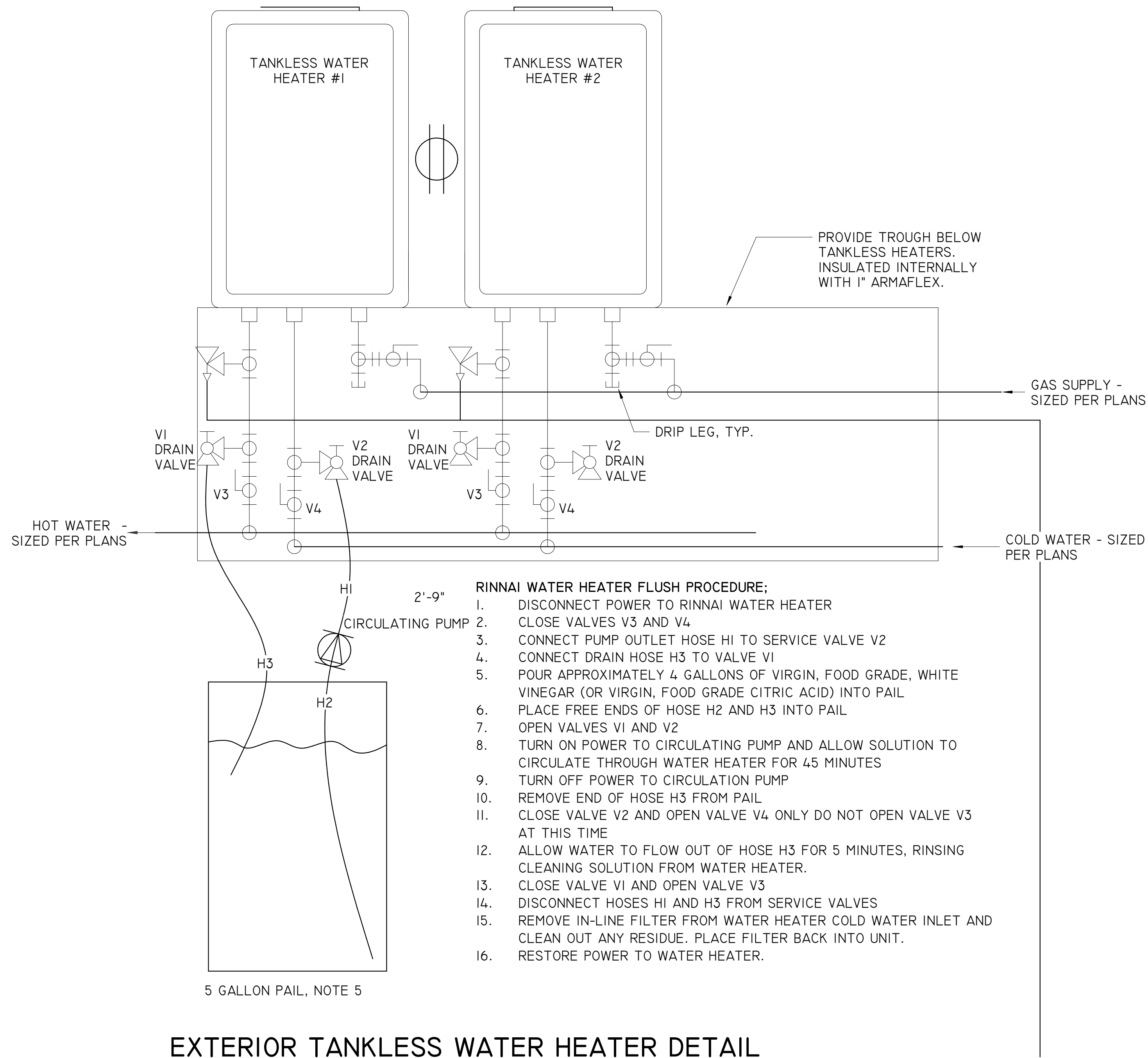
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	CHECKED BY:	JEW3

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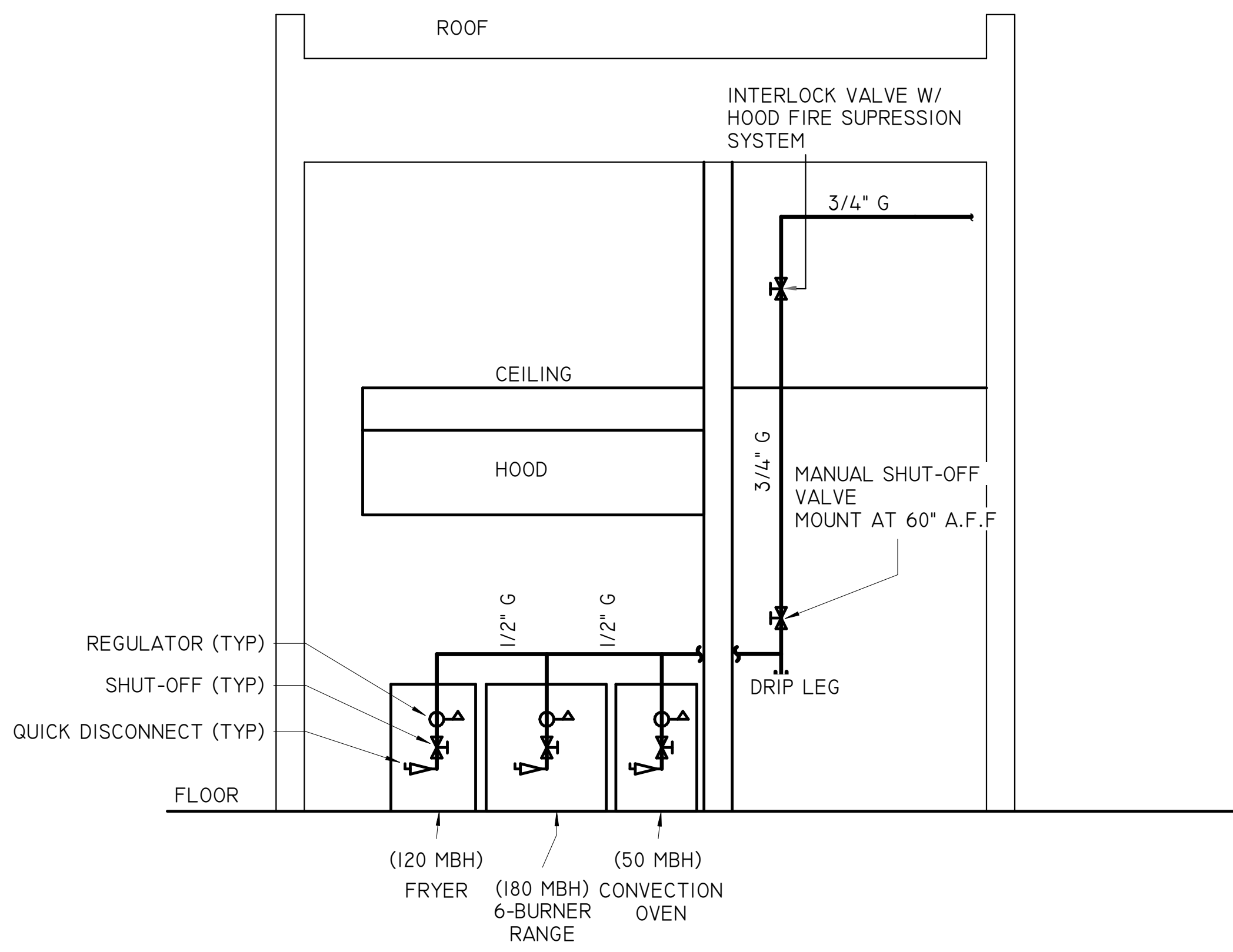
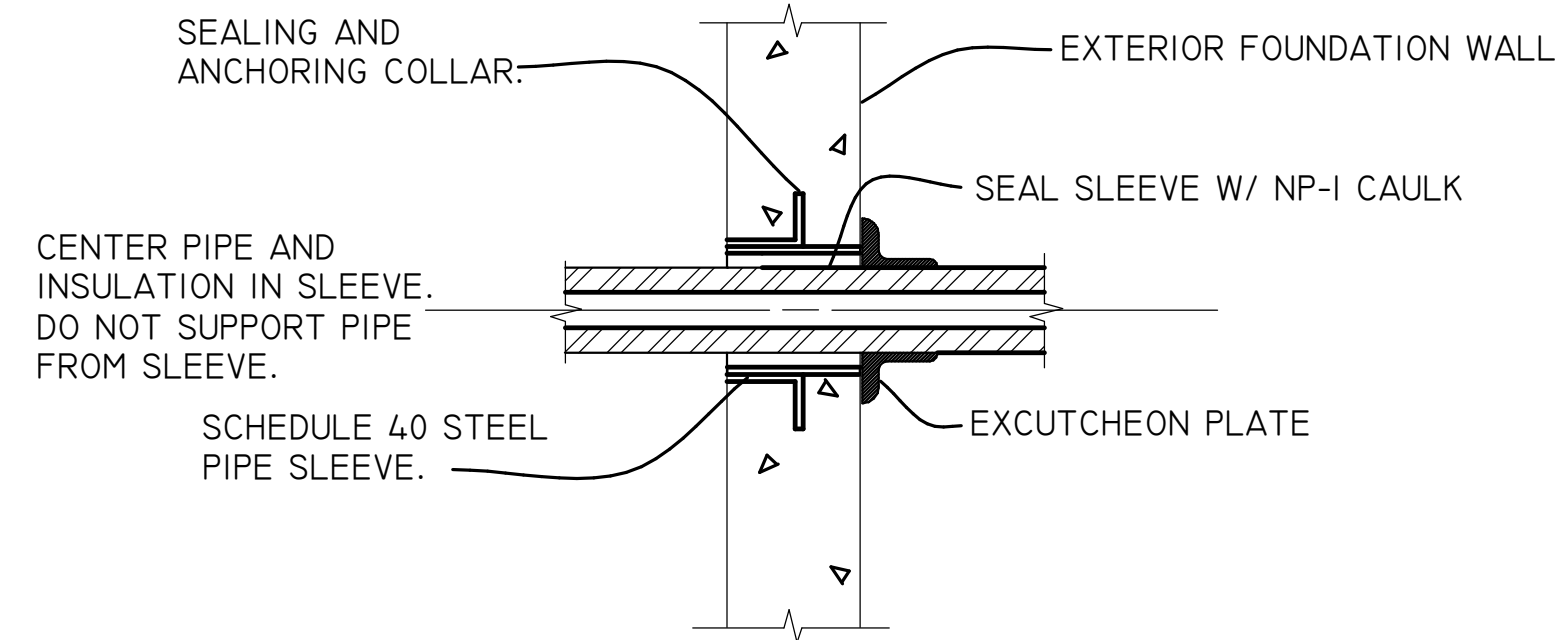
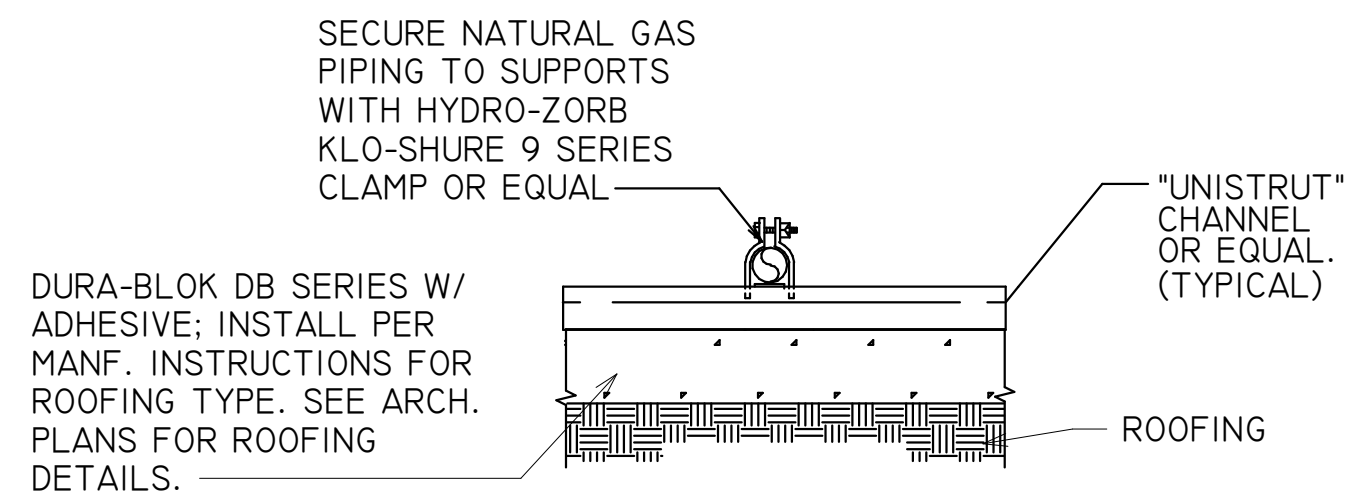
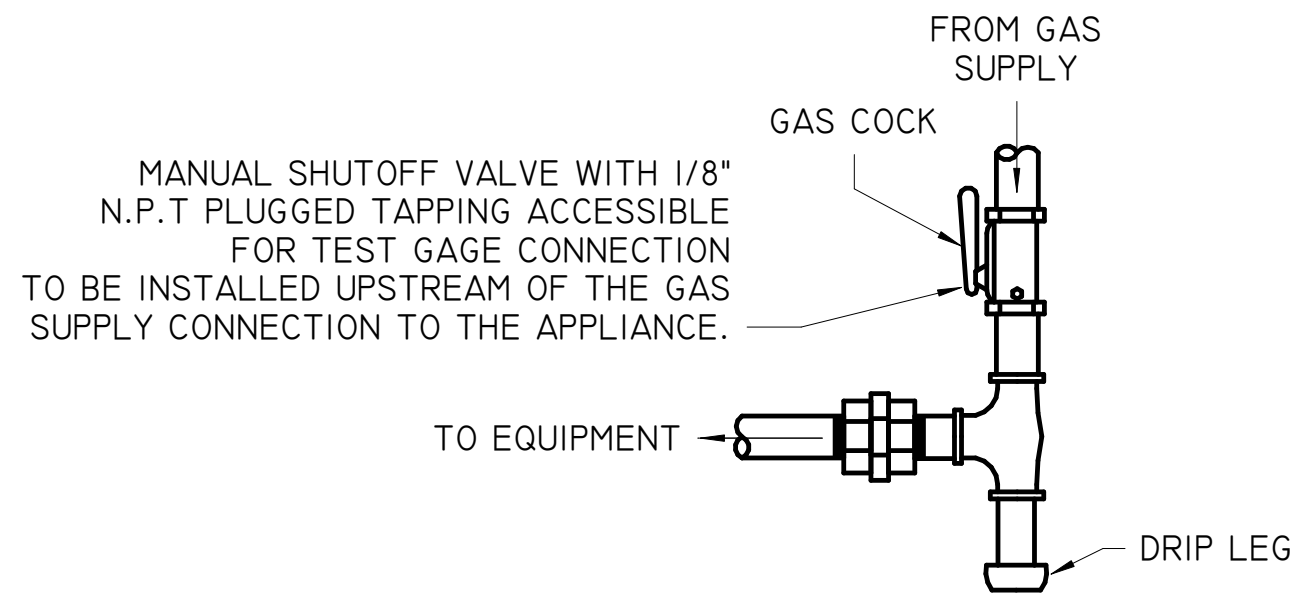
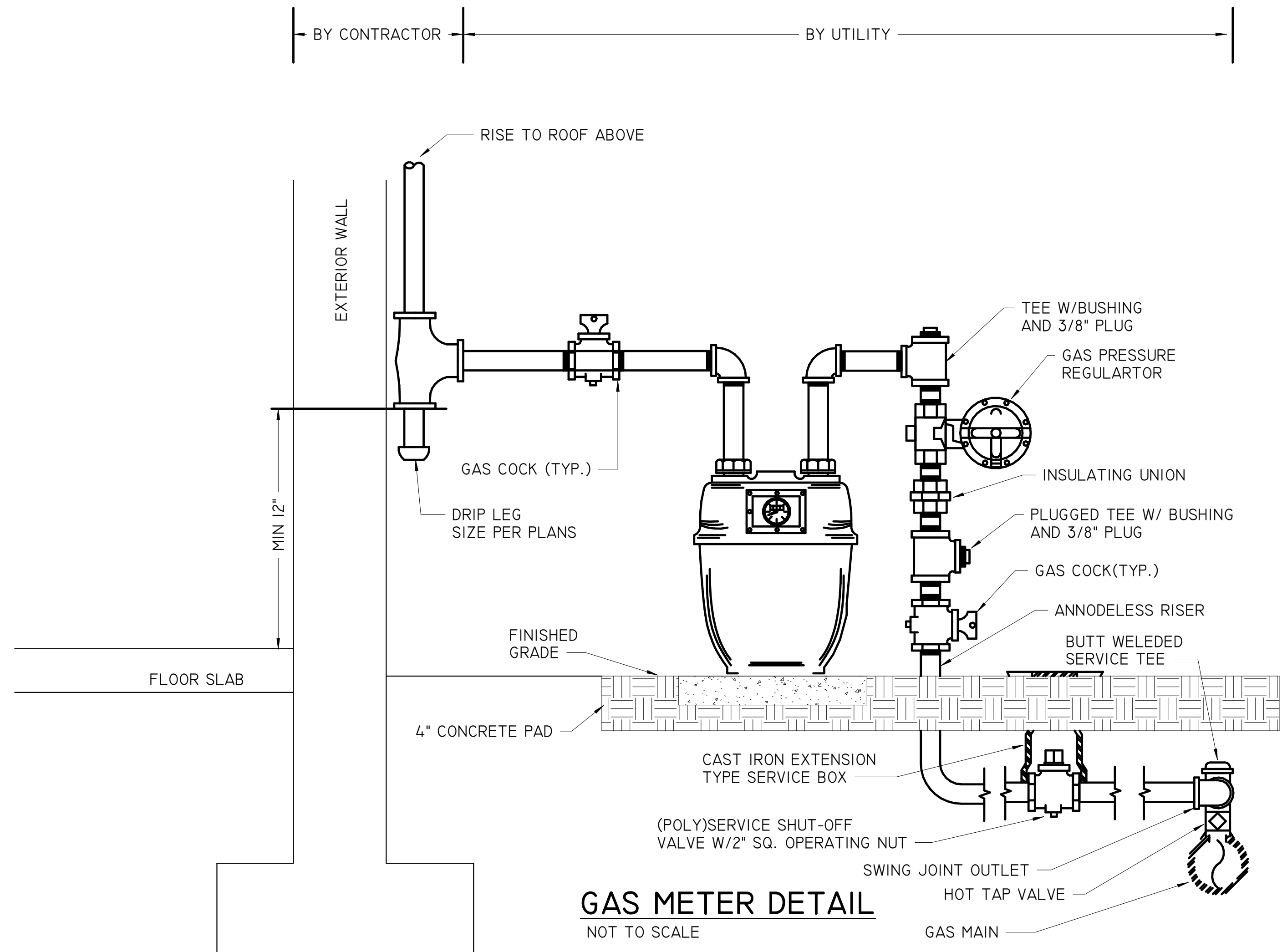
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Gerald Steven Jernigan -
Qualifying Agent
FL Architect AR 0009953

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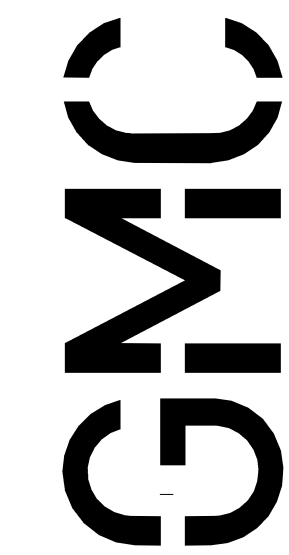




EXTERIOR TANKLESS WATER HEATER DETAIL
NOT TO SCALE



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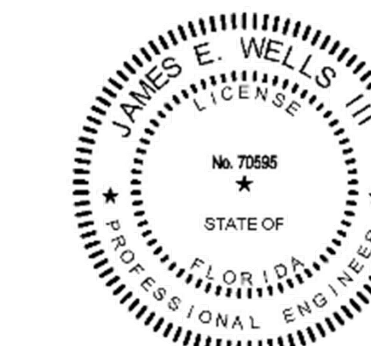
G OODWYN MILLS CAWOOD LLC.
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Gerard Steven Jamigan -
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FL Architect AR 0009953

**FRICKER RESOURCE CENTER
RENOVATION PROJECT**

900 N St, Pensacola, FL 32501-2887

GMC # APEN250016

Designed by:
4/14/2026 06:30:35 PDT
DS

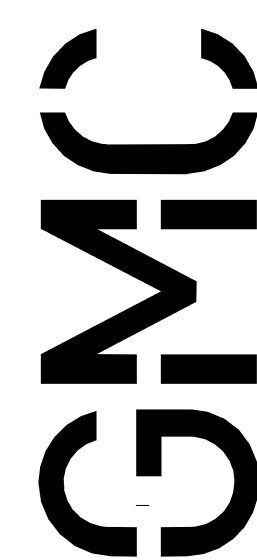


GAS DETAILS

P5.01



INTENDED FOR MECHANICAL/EQUIPMENT APPLICATION ONLY.



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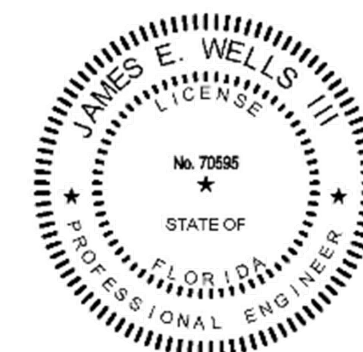
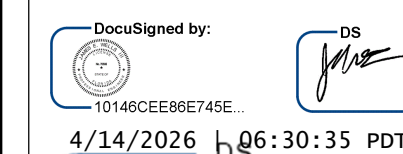
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FL Architect AR 0009953

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**FRICKER RESOURCE CENTER
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EQUIPMENT DETAILS

P5.02



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F: (888)478-4898
FL P.E. #: 70595
FL AUTHORIZATION #: 311

PLUMBING FIXTURE SCHEDULE					
LABEL	DESCRIPTION	CW	HW	SAN	COMMENTS
P-1	WATER CLOSET	1"	-	3"	WALL MOUNT, VITREOUS CHINA WATER CLOSET. BASIS OF DESIGN: SLOAN ST-2459 W/ SLOAN 8111-1.6 DIAPHRAGM STYLE SENSOR FLUSHOMETER.
P-2	LAVATORY	1/2"	1/2"	1 1/2"	WALL MOUNT, 20"X18" VITREOUS CHINA LAVATORY. BASIS OF DESIGN: AMERICAN STANDARD 9024.001EC W/ DELTA SPARROW I5832LF SINGLE HOLE FAUCET.
P-2A	LAVATORY	1/2"	1/2"	1 1/2"	ADA COMPLIANT, WALL MOUNT, 20"X18" VITREOUS CHINA LAVATORY. BASIS OF DESIGN: AMERICAN STANDARD 9024.001EC W/ DELTA SPARROW I5832LF SINGLE HOLE FAUCET.
P-3	LAVATORY	1/2"	1/2"	1 1/2"	ADA DROP-IN RECTANGULAR LAVATORY, VITREOUS CHINA, AMERICAN STANDARD 0642.001 W/ DELTA SPARROW I5832LF SINGLE HOLE FAUCET.
P-4	LAVATORY	1/2"	1/2"	1 1/2"	ADA COMPLIANT, DROP-IN RECTANGULAR LAVATORY, VITREOUS CHINA, AMERICAN STANDARD 0642.001 W/ DELTA SPARROW I5832LF SINGLE HOLE FAUCET.
P-5	URINAL	3/4"	-	2"	1 GPF, WHITE VITREOUS CHINA URINAL. BASIS OF DESIGN: SLOAN SU-1009 W/ SLOAN G2 8186 DIAPHRAGM STYLE FLUSHOMETER.
P-5A	URINAL	3/4"	-	2"	ADA COMPLIANT, 1 GPF, WHITE VITREOUS CHINA URINAL. BASIS OF DESIGN: SLOAN SU-1009 W/ SLOAN G2 8186 DIAPHRAGM STYLE FLUSHOMETER.
P-6	SHOWER	1/2"	1/2"	2"	CENTER DRAIN SHOWER PAN W/ 2.5 GPM SHOWER HEAD. SIZE PER ARCH. PLANS
P-8	DRINKING FOUNTAIN	1/2"	-	1 1/2"	BI-LEVEL DRINKING FOUNTAIN WITH BOTTLE FILLER. ELKAY LVRCGRNTL8WSK
P-9	WASHING MACHINE OUTLET BOX	3/4"	3/4"	3"	PROVIDE ABS WASHING MACHINE OUTLET BOX W/ INTEGRAL DRAIN AND FULL PORT QUARTER TURN ISLOATION VALVES AND WATER HAMMER ARRESTORS
P-10	ICE MAKER VALVE BOX	1/2"	-	-	RECESSED METAL WALL BOX CONSTRUCTED AND SUITABLE FOR FIRE RATED PARTITIONS, COMPLETE WITH FACTORY INSTALLED SHANK VALVE WITH 1/4" O.D. COPPER OUTLET TESTED @ 100 P.S.I. PROVIDE APPROXIMATELY 50 0" OF 1/4" O.D. SOFT COPPER TUBING WITH COMPRESSION FITTING IN TIGHT COIL. ANCHOR BOX TO WALL STRUCTURE.
P-11	WARE WASHER	1/2"	1/2"	2"	LOW-TEMP, DOOR-TYPE DISHWASHER. BASIS OF DESIGN: JACKSON CONSERVER XL-E
P-12	1-COMPARTMENT SINK	1/2"	1/2"	2"	ADVANCE TABCO DTS-530-48L 16GA. STAINLESS STEEL SINGLE COMPARTMENT SINK W/ WALL MOUNT PRE-RINSE FAUCET BASIS OF DESIGN T&S B-0133
P-13	3-COMPARTMENT SINK	1/2"	1/2"	2"	18"X18"WX14"D STAINLESS STEEL 3-COMPARTMENT SINK. ADVANCE TABCO FC-3-1620-18-L-X W/ T&S BRASS B-0321-CR FAUCET
P-14	MOP BASIN	1/2"	1/2"	3"	ONE PIECE, PRECAST TERRAZZO, 36"Wx24"Lx12"D MOP SINK. FIAT TSB3003 W/ AMERICAN STANDARD 8344.212.004.000 FAUCET
P-15	LAVATORY	1/2"	1/2"	1 1/4"	WALL MOUNT STAINLESS STEEL LAVATORY W/ STAINLESS STEEL BACKSPASH AND WALL MOUNTED FAUCET SET; BASIS OF DESIGN ADVANCE TABCO 7-PS-23
P-16	1-COMPARTMENT SINK	1/2"	1/2"	2"	ADVANCE TABCO STAINLESS STEEL SINGLE COMPARTMENT SINK WELDED INTO TABLE W/ K-50 SWING SPOUT; BASIS OF DESIGN ADVANCE TABCO TA SERIES, SEE ARCH. FOR TABLE DIMENSIONS.
RD	ROOF DRAIN			4"	15" ROOF DRAIN AND OVERFLOW DRAIN, DURACOATED CAST IRON DOMES WITH COMBINATION MEMBRANE FLASHING CLAMP/GRAVEL GUARDS, DOUBLE TOP-SET DECK PLATE, AND LOW SILHOUETTE CAST IRON DOMES. BASIS OF DESIGN: ZURN Z163
WH	WALL HYDRANT	3/4"	-	-	LOOSE KEY, QUARTER TURN, NON-FREEZE WALL HYDRANT WITH INTEGRAL VACUUM BREAKER JAY R SMITH MFG 5609QT
FD	FLOOR DRAIN	-	-	3"	6" SQUARE DEEP SEAL AND TRAP PRIMER, PROVIDE INSIDE CAULK BOTTOM OUTLET OR TY-SEAL HUB OUTLET WITH ADAPTER FOR CAST IRON TRAP INSTALLATION. PROVIDE CLAMPING RINGS FOR FLOORS WITH MEMBRANE.
FS	FLOOR SINK	-	-	3"	12" X 12" X 8" PVC FLOOR SINK WITH DOME STRAINER.

--COORDINATE FLOOR DRAIN TYPES WITH FLOOR TYPE ON ARCHITECTURAL PLAN. FLOOR DRAINS IN AREAS W/ EPOXY FLOORING SHALL BE PROVIDED WITH MEMBRANE CLAMP AND ADJUSTABLE COLLAR.
--PROVIDE DEEP SEAL TRAP OR TRAP PRIMER FROM NEAREST FIXTURE TO FLOOR DRAINS IN ACCORDANCE W/ FLORIDA PLUMBING CODE.

WATER HAMMER ARRESTOR SCHEDULE						
P.D.I. UNITS	A	B	C	D	E	F
FITURE UNITS	1-11	12-32	33-60	61-113	114-154	155-330
CLASSIFICATIONS ESTABLISHED BY THE PLUMBING AND DRAINAGE INSTITUTE "STANDARD P.D.I.-WH201".						
APPROVED MANUFACTURERS:						
ZURN, WADE, J.R. SMITH, JOSAM, MIFAB						

-- TRADITIONAL GREASE INTERCEPTOR CALCULATION: (S)*(GS)*(HR/12)*(RF)*(F) = 158*25*(10/12)*0.75*1.25 = 2469 GAL.
-- SECONDARY GREASE INTERCEPTOR CALCULATION: (S)*TURNS/DAY*LBS/MEAL*90 DAYS = 158*3*0.0455*90= 1941 LBS

ELEC WATER HEATER SCHEDULE							
MARK	TYPE	DESCRIPTION	KW	VOLTAGE	PHASE	Hz	NOTES
EW-H-1	20 GALLON TANK TYPE	COMMERCIAL DUAL ELEMENT ELECTRIC WATER HEATER	4.5	208 V	1	60 Hz	BASIS OF DESIGN: AO SMITH DEL-20; SET TO 140°F

INSTANTANEOUS GAS HEATER SCHEDULE							
MARK	TYPE	MAX. INPUT NAT. GAS	TEMPERATURE SET AT	VOLTAGE	PHASE	Hz	NOTES
IWH-1	GAS FIRED NON-CONDENSING UNIT	199,000	110°F	120 V	I	60 HZ	BASIS OF DESIGN: RINNAI REU-V2532WCD; EXISTING TO BE RELOCATED
IWH-2	GAS FIRED NON-CONDENSING UNIT	199,000	110°F	120 V	I	60 HZ	BASIS OF DESIGN: RINNAI REU-V2532WCD; EXISTING TO BE RELOCATED
IWH-3	GAS FIRED NON-CONDENSING UNIT	199,000	110°F	120 V	I	60 HZ	BASIS OF DESIGN: RINNAI REU-V2532WCD; EXISTING TO BE RELOCATED
IWH-4	GAS FIRED NON-CONDENSING UNIT	199,000	110°F	120 V	I	60 HZ	BASIS OF DESIGN: RINNAI REU-V2532WCD; EXISTING TO BE RELOCATED
IWH-5	GAS FIRED NON-CONDENSING UNIT	199,000	110°F	120 V	I	60 HZ	BASIS OF DESIGN: RINNAI REU-VE2737WD-US
IWH-6	GAS FIRED NON-CONDENSING UNIT	199,000	110°F	120 V	I	60 HZ	BASIS OF DESIGN: RINNAI REU-VE2737WD-US

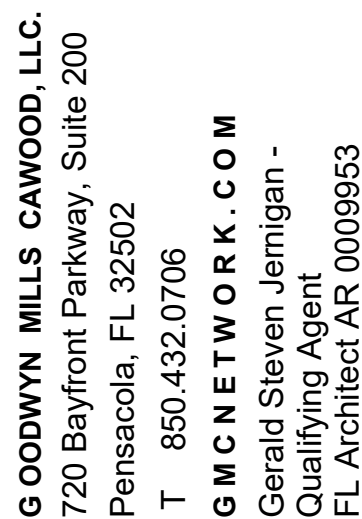
FIXTURE UNIT SCHEDULE					
DESCRIPTION	QUANTITY	WSFU - CW	WSFU - HW	WSFU - TOTAL	DFU
1-COMPARTMENT SINK	2	0	0	0	0
3-COMPARTMENT SINK	1	0	0	0	0
DRINKING FOUNTAIN	2	0.5	0	0.5	1
FLOOR DRAIN	14	0	0	0	28
FLOOR SINK	4	0	0	0	16
ICE MAKER VALVE BOX	4	1	0	1	0
LAVATORY	22	33	33	44	22
MOP BASIN	1	3	3	4	2
ROOF DRAIN	19	0	0	0	0
SHOWER	1	3	3	4	2
URINAL	7	35	0	35	28
WALL HYDRANT	5	11.25	0	11.25	0
WARE WASHER	1	2.25	2.25	3	2
WASHING MACHINE OUTLET BOX	2	4.5	4.5	6	6
WATER CLOSET	15	150	0	150	60
		243.5	45.75	258.75	167

PUMP SCHEDULE							
MARK	DESCRIPTION	FLOW	HEAD	ELECTRICAL DATA			
				MOTOR HP	VOLTAGE	PHASE	HZ
CP-1	INLINE PUMP	4 GPM	10 FT	0.25 HP	120 V	1	60 Hz

NOTES:
-- PROVIDE AQUASTAT.



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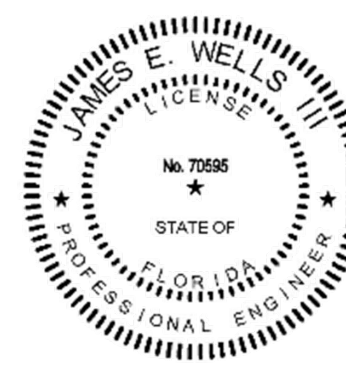
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PERMIT SET	12/08/2025
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CHECKED BY: JEW3	

**FRICKER RESOURCE CENTER
RENOVATION PROJECT**

FL 32501-2887

GMC # APEN250016

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PLUMBING SCHEDULES

Pg. 01



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