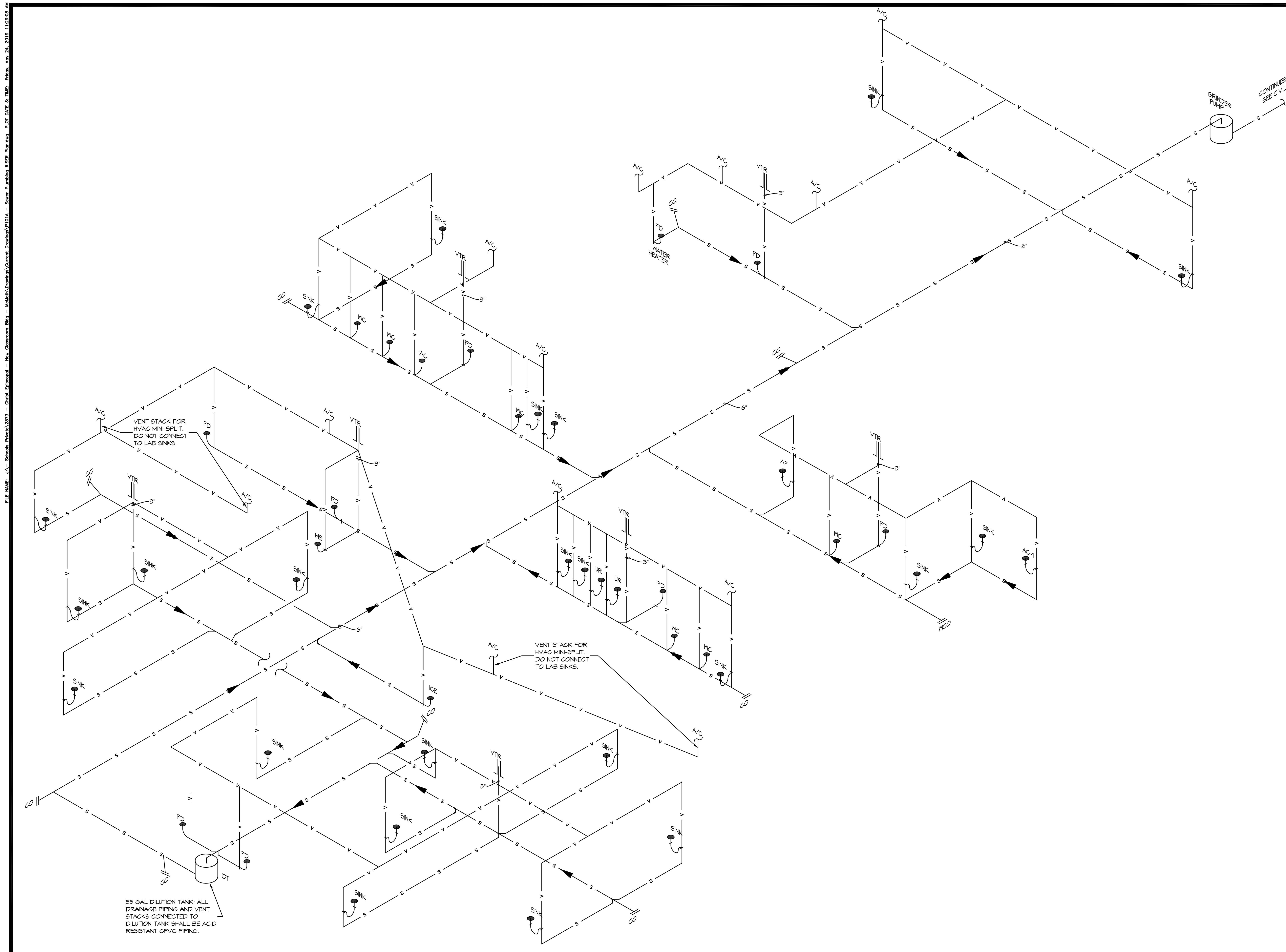


4 PLUMBING PLAN
SCALE: N.T.S

LEGEND

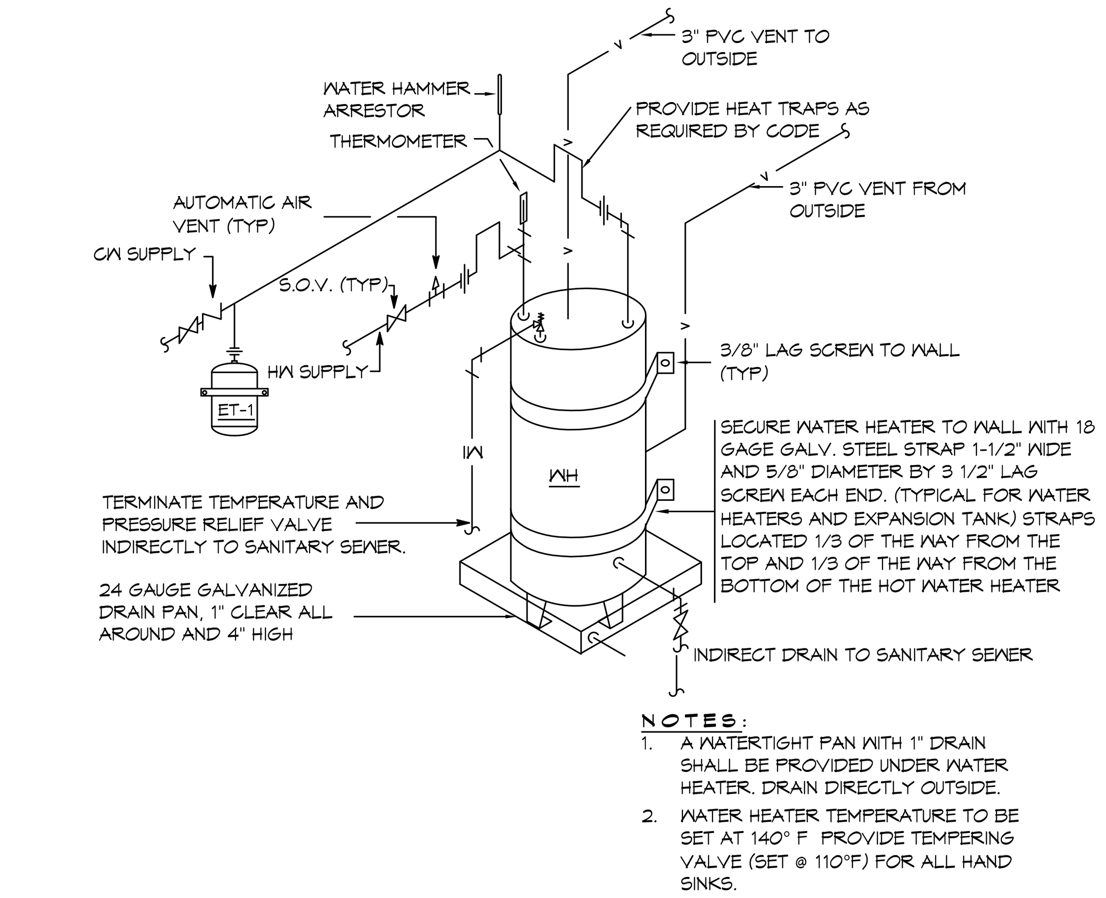
SYMBOL	DESCRIPTION
—— S —— S ——	SANITARY SEWER
—— V —— V ——	VENT PIPE
FD	FLOOR DRAIN
CO	LINE CLEAN OUT
WCO	WALL CLEAN OUT

PLUMBING ABBREVIATIONS

WCO	WALL CLEAN OUT	WF	WATER FOUNTAIN
CO	CLEAN OUT	DT	DILUTION TANK
VTR	VENT THROUGH ROOF	GP	GRINDER PUMP
WC	WATER CLOSET		
LV	LAVATORY		
SINK	SINK DESIGNATION - SEE FIXTURE SCHEDULE		
EW	EMERGENCY EYE WASH STATION		
FD	FLOOR DRAIN		
UR	URINAL		

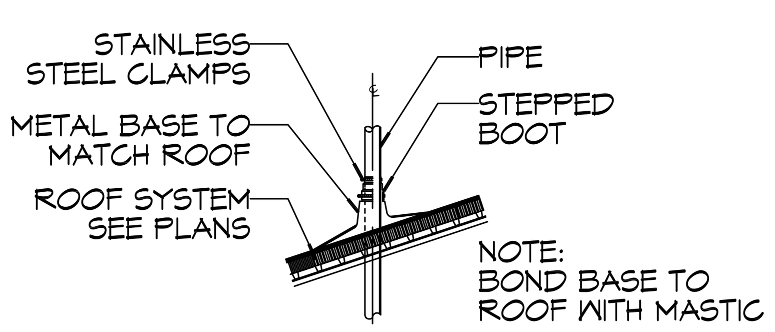
GENERAL PLUMBING NOTES

1. SEE VENDOR DRAWINGS.
2. PLUMBING LINES SHOWN ARE DRAWN DIAGRAMMATIC IN NATURE AND REPRESENT CONCEPTUAL ROUTING ONLY. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL ACTUAL CONDITIONS.
3. PROVIDE ALL LABOR, MATERIAL, TRANSPORTATION, SUPERVISION, CLEAN-UP, SERVICES, AND EQUIPMENT FOR A COMPLETE OPERATING SYSTEM. THE SYSTEM SHALL INCLUDE HOT AND COLD WATER PIPING, SEWER AND VENT PIPING, INSULATION, WATER HEATER, HANGERS, VALVES, SUPPORTS WITHOUT ANY RESTRICTIONS TO VOLUME. CUT AND PATCH AS REQUIRED TO INSTALL PIPES.
4. ALL WORK AND MATERIAL SHALL CONFORM STRICTLY TO THE LATEST LOCAL CITY, PARISH, STATE AND NATIONAL GOVERNING CODES. MUST MEET LA STATE PLUMBING CODE 2013 REQUIREMENTS.
5. CONTRACTOR IS TO FIELD VERIFY ALL EXISTING UTILITY LOCATIONS, ELEVATIONS AND SIZES PRIOR TO COMMENCING ANY WORK. CONTRACTOR SHALL PAY NECESSARY FEES FOR THE UTILITIES CONNECTIONS.
6. CONTRACTOR IS RESPONSIBLE TO VERIFY THE EXISTING INVERTS AND SET NEW INVERTS OF SEWERAGE AND DRAINAGE PIPES.
7. SEWERAGE LINES 3-INCH AND SMALLER SHALL BE SLOPED 1/4" PER FOOT AND LINES 4-INCH AND LARGER SHALL BE 1/8" PER FOOT.
8. TEST ALL PIPING AT REQUIRED PRESSURE.
9. ALL PLUMBING SHALL BE CLOSELY COORDINATED WITH STRUCTURAL, MECHANICAL SYSTEM AND ELECTRICAL SYSTEMS TO INSURE NO TRADES WILL CONFLICT WITH EACH OTHER.
10. DO NOT SCALE DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF DOORS, WINDOWS, WALLS, FIXTURES, ETC.
11. ALL WATER MAINS AND PIPING NOT SHOWN FOR CLARITY, ALL LOCATIONS FIELD VERIFIED.
12. DOMESTIC HOT AND COLD WATER PIPING AND FITTINGS UNDER SLAB SHALL BE ASTM B88 COPPER WATER TUBE, TYPE K, SOFT ANNEALED. NO JOINTS SHALL BE ALLOWED UNDER THE SLAB.
13. DOMESTIC WATER PIPING AND FITTINGS ABOVE THE SLAB SHALL BE ASTM B88 COPPER WATERTUBE, TYPE L. HARD DRAWN WITH COPPER PRESSURE TYPE FITTINGS, ANSI B16.22. THE JOINTS SHALL BE SOLDERED TYPE USING ASTM B32, ALLOY GRADE 95A (95-5) SOLDER.
14. SOIL, WASTE, VENT PIPING AND FITTINGS ABOVE THE SLAB SHALL BE SERVICE WEIGHT CAST IRON PIPE WITH BELL AND SPIGOT ENDS AND ONE PIECE NEOPRENE INSERT TYPE GASKET. USE PVC SCHEDULE 40 OR ABS DWV PIPES AND FITTINGS WHERE PERMITTED BY CODE.
15. ALL WATER PIPING AND FITTINGS ABOVE THE FLOOR SHALL BE INSULATED WITH 1/2" THICK FIBERGLASS INSULATION AND JACKET.
16. ALL ELECTRICAL, MECHANICAL AND PLUMBING ELEMENTS PENETRATING FIRE PARTITIONS SHALL BE FIRE CAULKED. (PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E814.)
17. SEE ROOF PLAN FOR PLUMBING ROOF PENETRATIONS. ROUTE VENT PIPES IN ATTIC AS NECESSARY.
18. ALL VENTS THROUGH ROOF (VTR) SHALL BE LOCATED A MINIMUM OF 10'-0"FROM ANY MECHANICAL OR NATURAL AIR INTAKE.

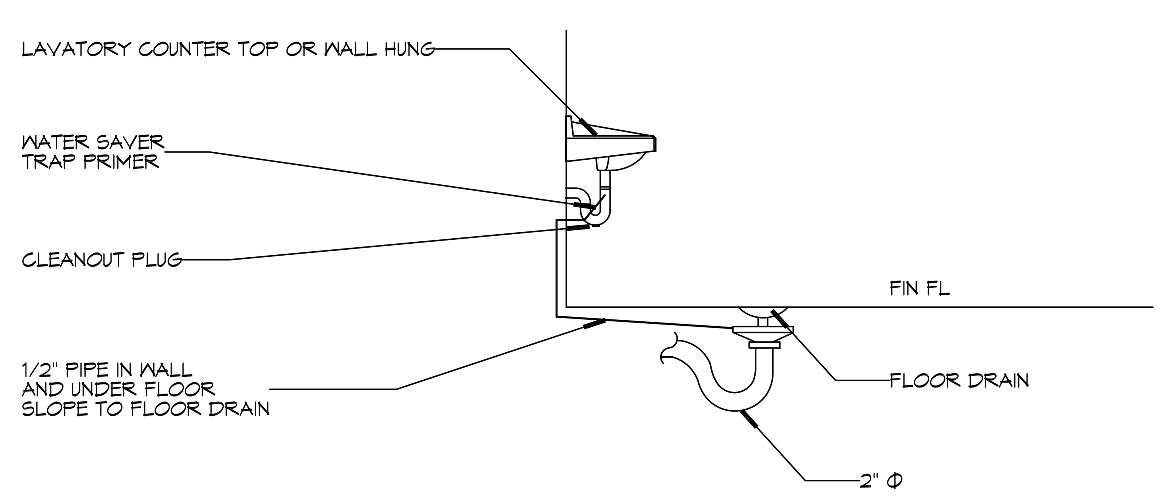


NOTES:
1. A WATERTIGHT PAN WITH 1" DRAIN SHALL BE PROVIDED UNDER WATER HEATER. DRAIN DIRECTLY OUTSIDE.
2. WATER HEATER TEMPERATURE TO BE SET AT 140° F. PROVIDE TEMPERING VALVE (SET @ 110°F) FOR ALL HAND SINKS.

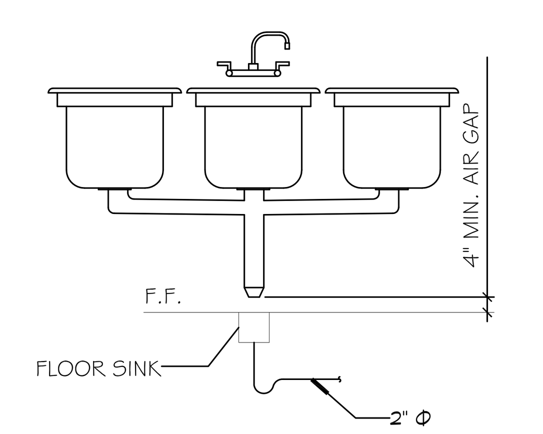
E WTER HEATER
SCALE: N.T.S.



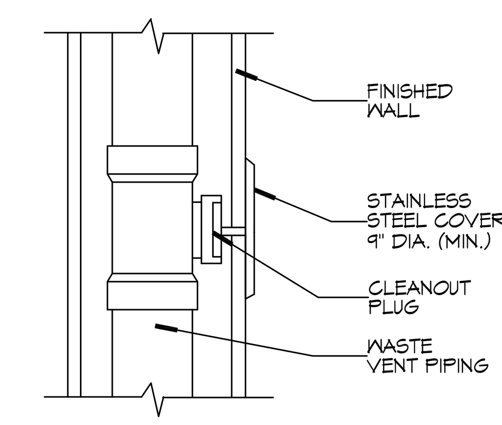
A VENT THRU ROOF (VTR)
SCALE: N.T.S.



B TYPICAL FLOOR DRAIN DETAIL
SCALE: N.T.S.



C HUB DRAIN
SCALE: N.T.S.



D WALL CLEANOUT DETAIL
SCALE: N.T.S.

95 % COMPLETE

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REVISIONS		
#	DESCRIPTION	DATE

SEAL:

SHELL-ONLY PACKAGE
CHRIST EPISCOPAL CLASSROOM
80 CHRISTWOOD BOULEVARD
COVINGTON, LA 70433

JOB No:	2373	DATE:	05-17-2019
DRAWN BY:	CKD	CHECKED BY:	BAM

SHEET TITLE:
PLUMBING PLAN

DRAWING NUMBER:
P101A

SHEET No: 5 of 12