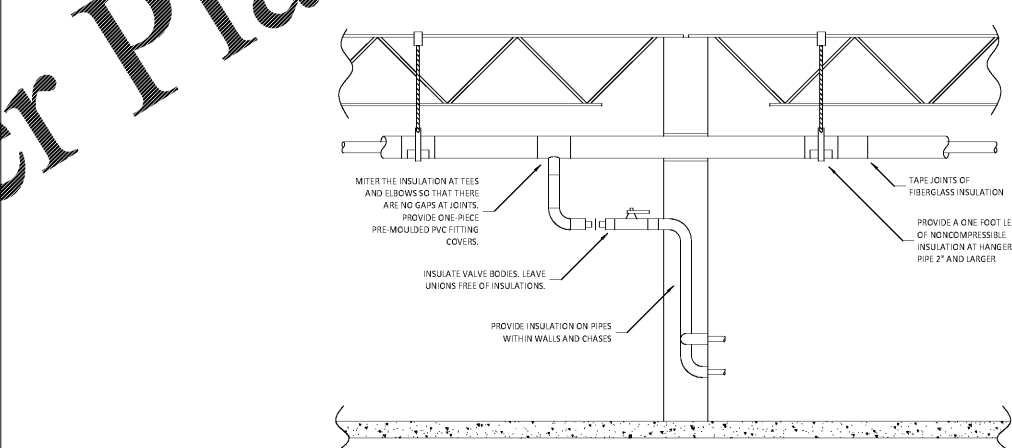
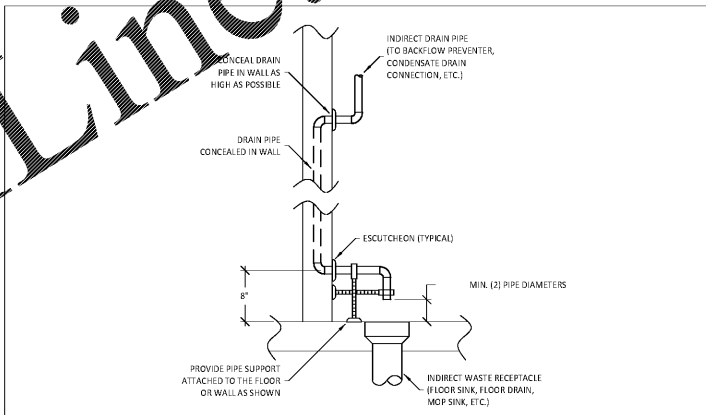


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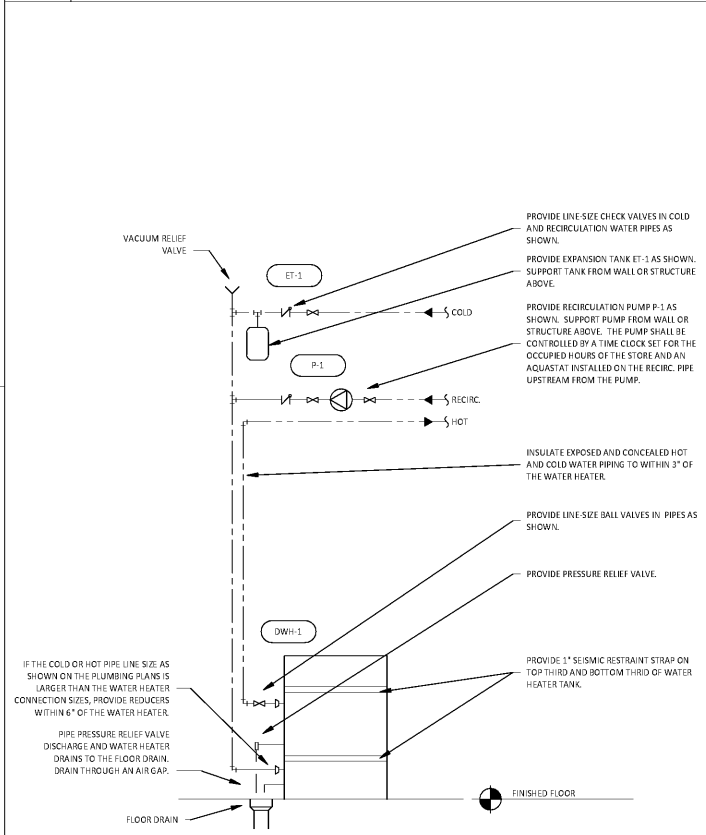


PROVIDE INSULATION ON INTERIOR COLD AND HOT WATER PIPING, CONDENSATE DRAIN PIPE, AND STORM PIPE. REFER TO SPECIFICATIONS FOR FURTHER INFORMATION REGARDING INSULATION. INSTALL ITEMS PER SPECIFICATIONS AND MANUFACTURER'S INSTRUCTIONS. MAINTAIN VAPOR BARRIER ON COLD WATER AND CONDENSATE PIPING BY MEANS OF SEALANT AND TAPE. FLAME SPREAD AND SMOKE-DEVELOPED INDEXES SHALL NOT EXCEED 25/50. SEAL EXPOSED ENDS OF FIBERGLASS INSULATION WITH ADHESIVE MASTIC. EXPOSED WATER PIPES MUST BE INSULATED USING PREFORMED GLASS FIBER PIPE INSULATION WITH PRE-MOLDED PVC FITTING COVERS.

2 PIPE INSULATION DETAIL
NOT TO SCALE

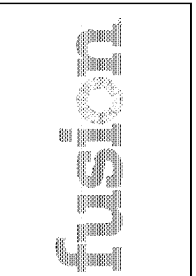


3 INDIRECT WASTE PIPING DETAIL
NOT TO SCALE



WATER HEATER INSTALLATION NOTES
A. CLEAN INLET STRAINERS AFTER CONSTRUCTION HAS BEEN COMPLETED AND PRIOR TO TURNOVER OF THE BUILDING TO THE OWNER.
B. INSTALL PIPING WITH AS FEW ELBOWS AS POSSIBLE.
C. MAINTAIN REQUIRED CLEARANCES TO COMBUSTIBLE MATERIALS.
D. ADJUST WATER HEATER TO A SETPOINT OF 140°F.

1 WATER HEATER DETAIL
NOT TO SCALE



FUSION ACADEMY - Charlotte, NC
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Contact: Rich Jones
(614) 328-2022
RT.Jones@NationalEngineering.com

ISSUANCE/REVISIONS	
▲	ISSUE FOR PERMIT 08/19/19
▲	REV 1 PER CITY 08/21/19
▲	REV 2 PER CITY 08/21/19
▲	REV 3 PER CITY 08/26/19
▲	REV 4 PER CITY 08/29/19
▲	REV 5 PER CLIENT AND ISSUE FOR BID 08/30/19
▲	
▲	



North Carolina Firm Registration
NCBOE: P-0612
Sec of State: 0909178

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Drawn By	Checked By
JEJ	RTJ
Scale	Date
1/4" = 1'-0"	07.23.2019

Job No:
1902037
Sheet No:
P300