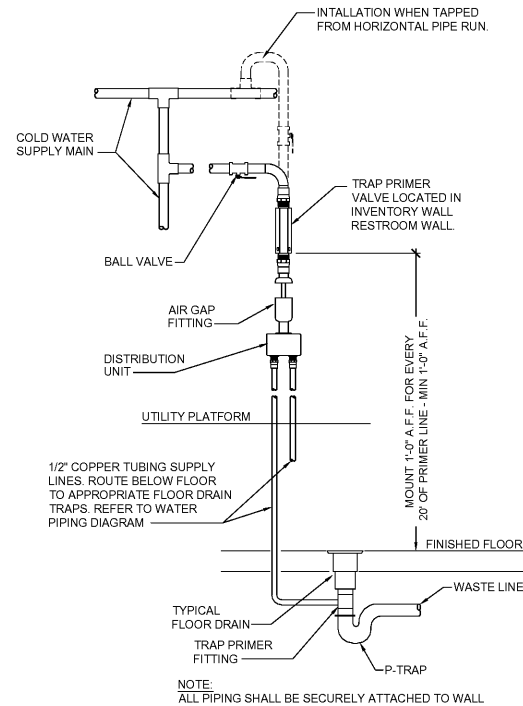
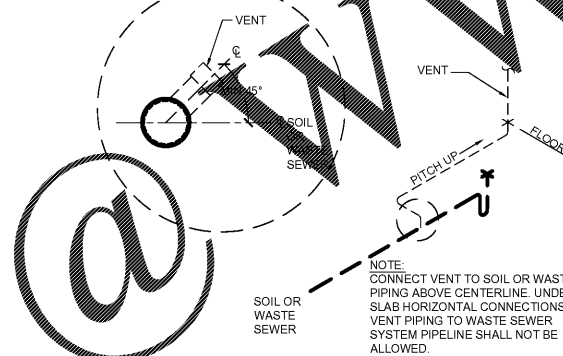


1 DOWNSPOUT SHOE INSTALLATION
 P5 SCALE: N.T.S.

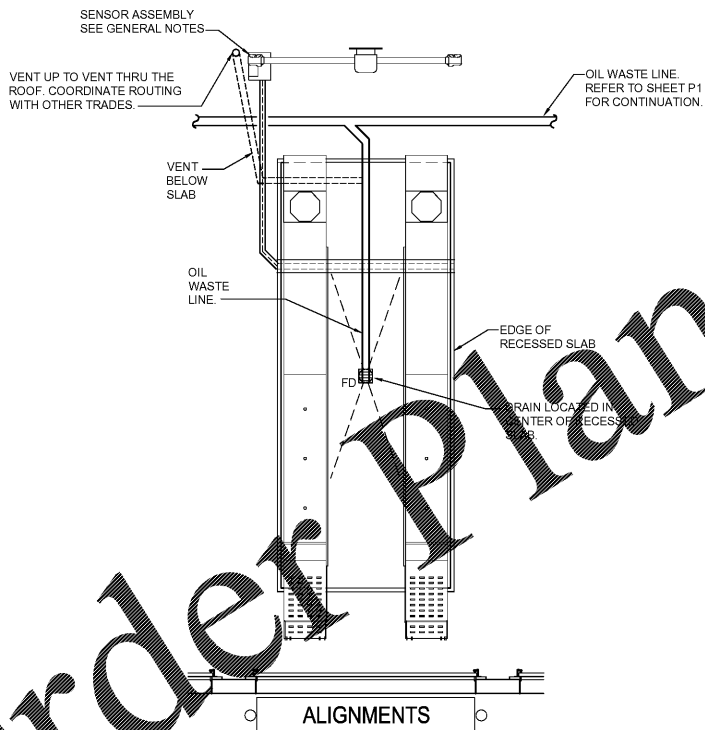
NOTE:
 DETAILS SHOWN HERE ARE DIAGRAMMATICAL ONLY AND ARE NOT INTENDED TO SHOW EVERY FITTING AND/OR OFFSET. SEE MANUFACTURER'S SPECIFIC INSTALLATION INSTRUCTIONS AND DETAILS. INSTALLATION CONTRACTOR IS TO BE CERTIFIED AND AUTHORIZED BY THE MANUFACTURER.



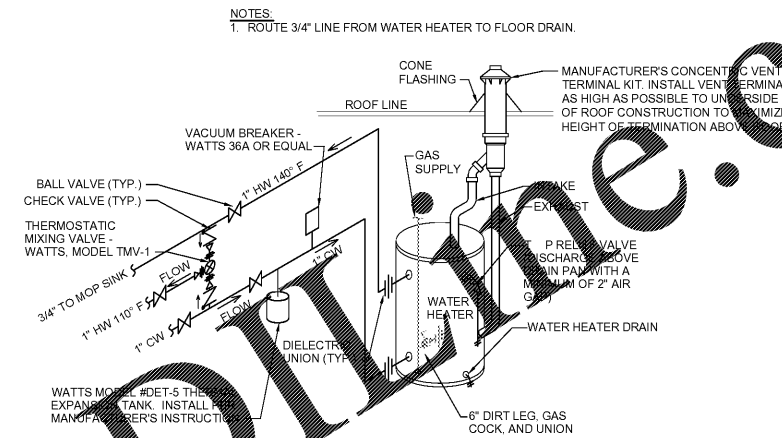
2 TRAP PRIMER DETAIL (TP-1)
 P5 SCALE: N.T.S.



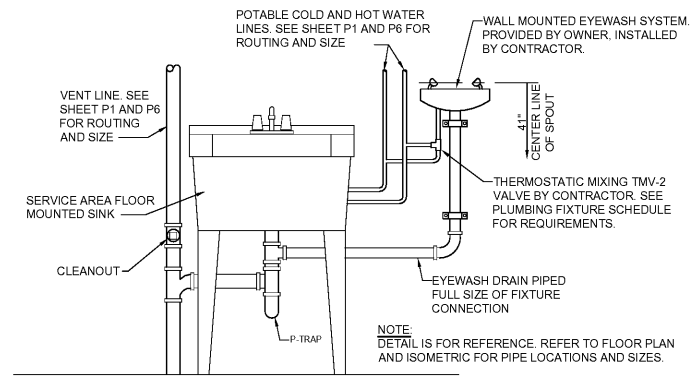
4 VENT PIPING INSTALLATION
 P5 SCALE: N.T.S.



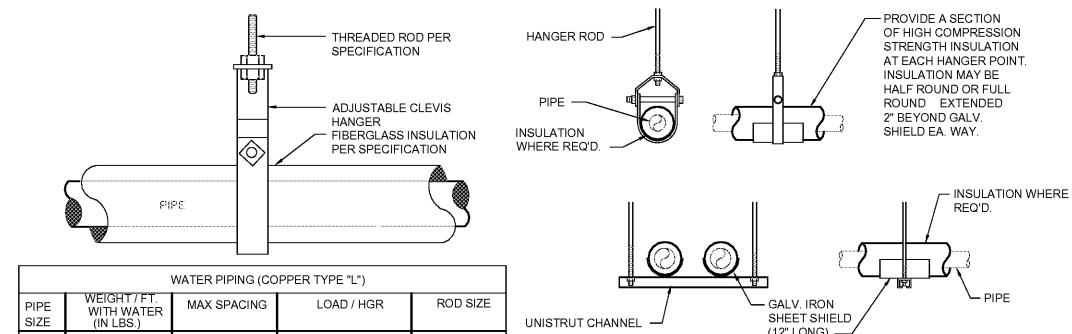
6 ALIGNMENT RACK PIPING DETAIL
 P5 SCALE: N.T.S.



3 GAS FIRED WATER HEATER SECTION
 P5 SCALE: N.T.S.



5 EYEWASH PIPING DETAIL
 P5 SCALE: N.T.S.



WATER PIPING (COPPER TYPE "L")				
PIPE SIZE	WEIGHT / FT WITH WATER (IN LBS.)	MAX SPACING	LOAD / HGR	ROD SIZE
1/2"	38	6'	2.28	3/8"
3/4"	66	6'	3.96	3/8"
1"	1.04	6'	6.24	3/8"
1-1/4"	1.43	6'	8.58	3/8"
1-1/2"	1.92	6'	19.2	3/8"
2"	3.09	10'	30.8	3/8"
2-1/2"	4.52	10'	45.2	3/8"

- NOTES
- ATTACH SUPPORTS FOR ALL PIPING SUSPENDED FROM THE STEEL STRUCTURE TO THE TOP CORD OF JOISTS OR BEAMS
 - PROVIDE COPPER OR PLASTIC COATED HANGERS FOR NON-INSULATED COPPER PIPE.

7 PIPE SUPPORT DETAIL
 P5 SCALE: N.T.S.

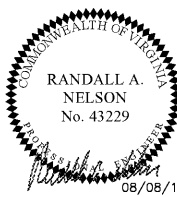
Professional Engineer of Record
 Randall A. Nelson, P. E.
 148 West 95th Street
 Lenexa, Kansas 66215
 Phone 913 322 5150



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NEW FCAC STORE
 2015 - JUNE - ER - RIGHT
 1900 RICHMOND ROAD
 WILLIAMSBURG, VA



ISSUE BLOCK	

PROPERTY NO.: 167739
 6 DIGIT NO.: 785533
 4 DIGIT NO.: 6868
 AOR PROJECT NUMBER: 1655B14
 TO PERMIT: DATE: 08/10/17
 TO BID: DATE: TBD
 DRAWN BY: ZS,MJ,RC
 CHECKED BY: CF,AR

SHEET TITLE:
 PLUMBING DETAILS
 SHEET NUMBER:
P5

Order Plans