

A  
three inches = one foot  
6"

B  
one & one half inches = one foot  
6"

C  
one inch = one foot  
6"

D  
three quarters inch = one foot  
6"

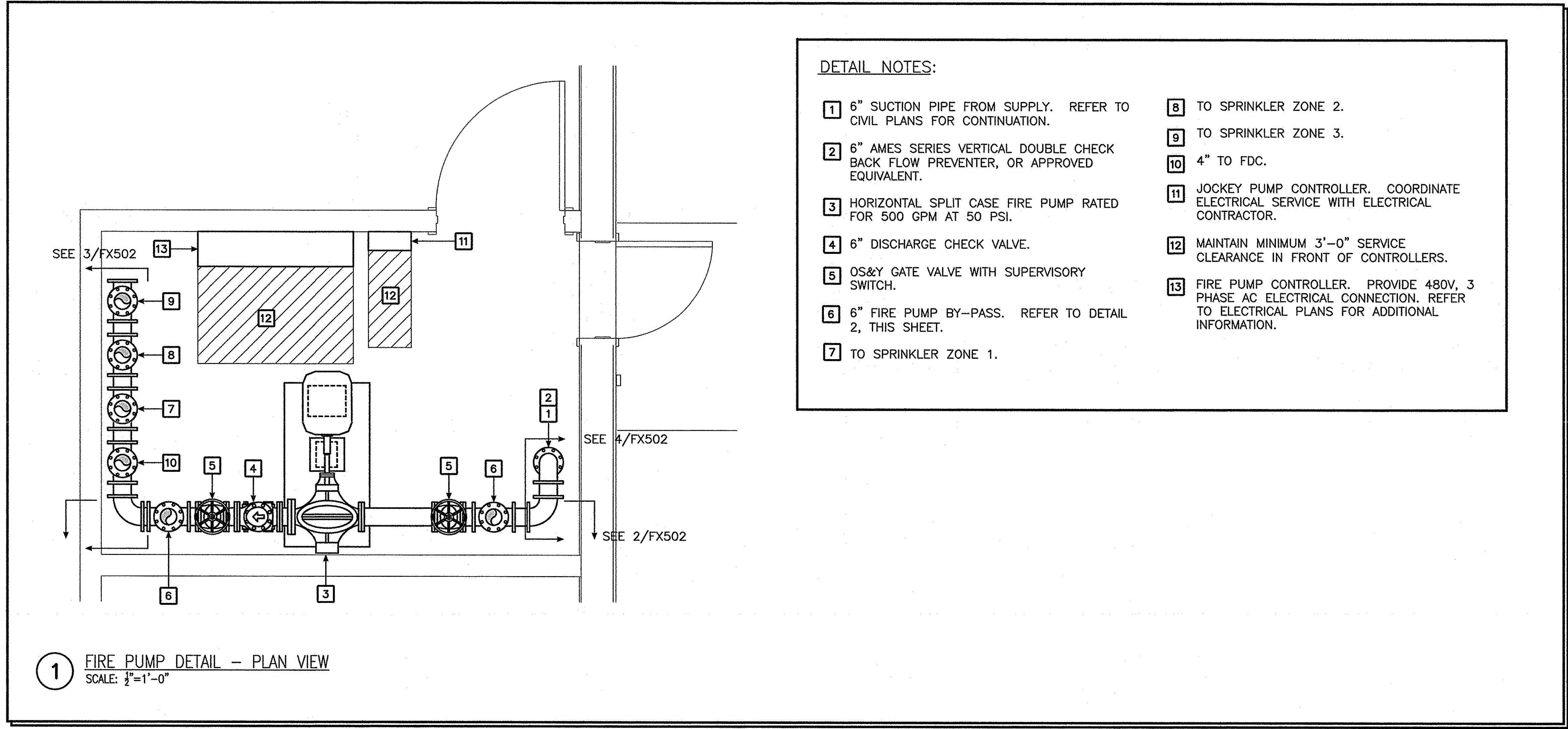
E  
one half inch = one foot  
6"

F  
three eighths inch = one foot  
6"

G  
one quarter inch = one foot  
6"

one eighth inch = one foot  
16"

A  
B  
C  
D  
E  
F

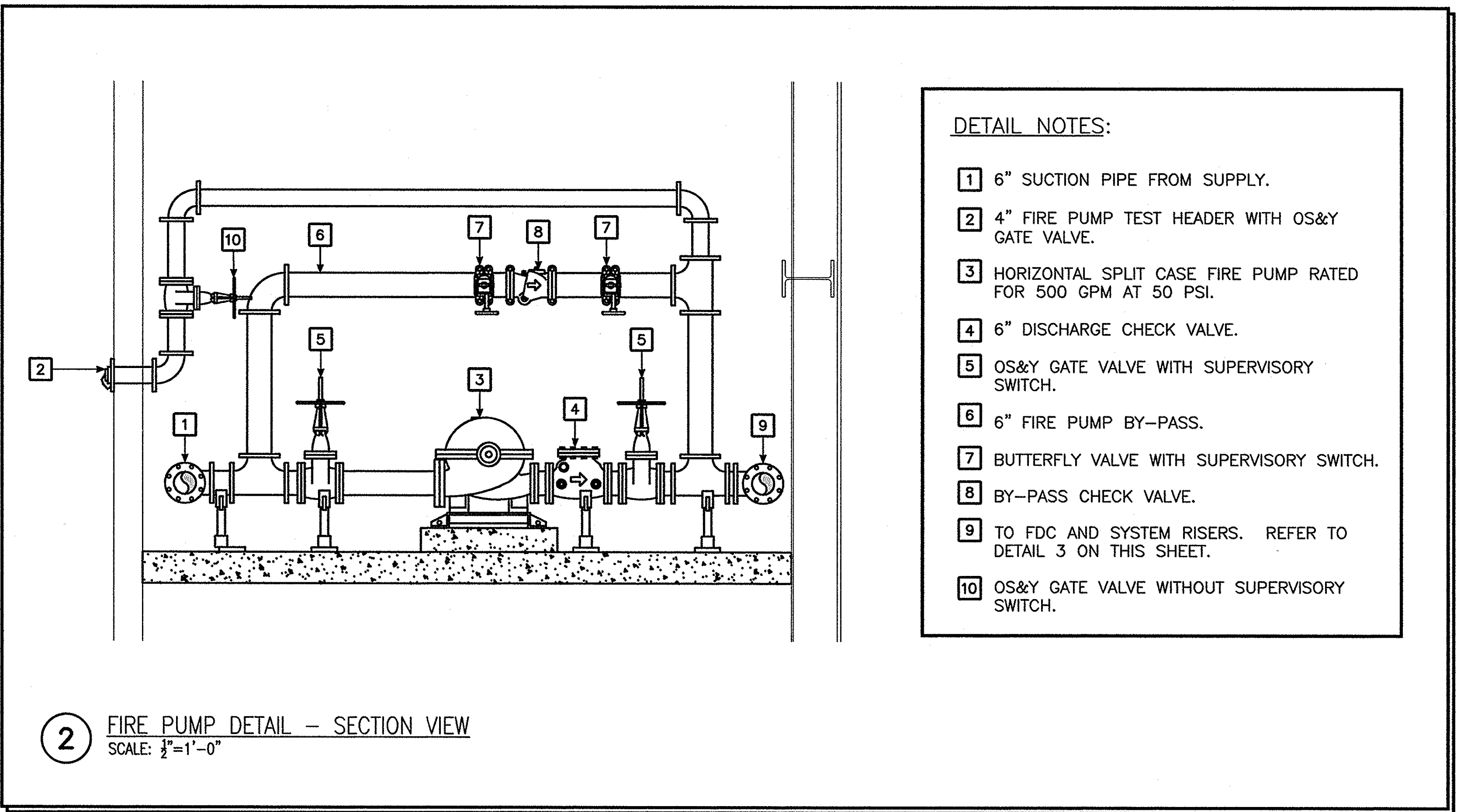


DETAIL NOTES:

- 1 6" SUCTION PIPE FROM SUPPLY. REFER TO CIVIL PLANS FOR CONTINUATION.
- 2 6" AMES SERIES VERTICAL DOUBLE CHECK BACK FLOW PREVENTER, OR APPROVED EQUIVALENT.
- 3 HORIZONTAL SPLIT CASE FIRE PUMP RATED FOR 500 GPM AT 50 PSI.
- 4 6" DISCHARGE CHECK VALVE.
- 5 OS&Y GATE VALVE WITH SUPERVISORY SWITCH.
- 6 6" FIRE PUMP BY-PASS. REFER TO DETAIL 2, THIS SHEET.
- 7 TO SPRINKLER ZONE 1.
- 8 TO SPRINKLER ZONE 2.
- 9 TO SPRINKLER ZONE 3.
- 10 4" TO FDC.
- 11 JOCKEY PUMP CONTROLLER. COORDINATE ELECTRICAL SERVICE WITH ELECTRICAL CONTRACTOR.
- 12 MAINTAIN MINIMUM 3'-0" SERVICE CLEARANCE IN FRONT OF CONTROLLERS.
- 13 FIRE PUMP CONTROLLER. PROVIDE 480V, 3 PHASE AC ELECTRICAL CONNECTION. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.

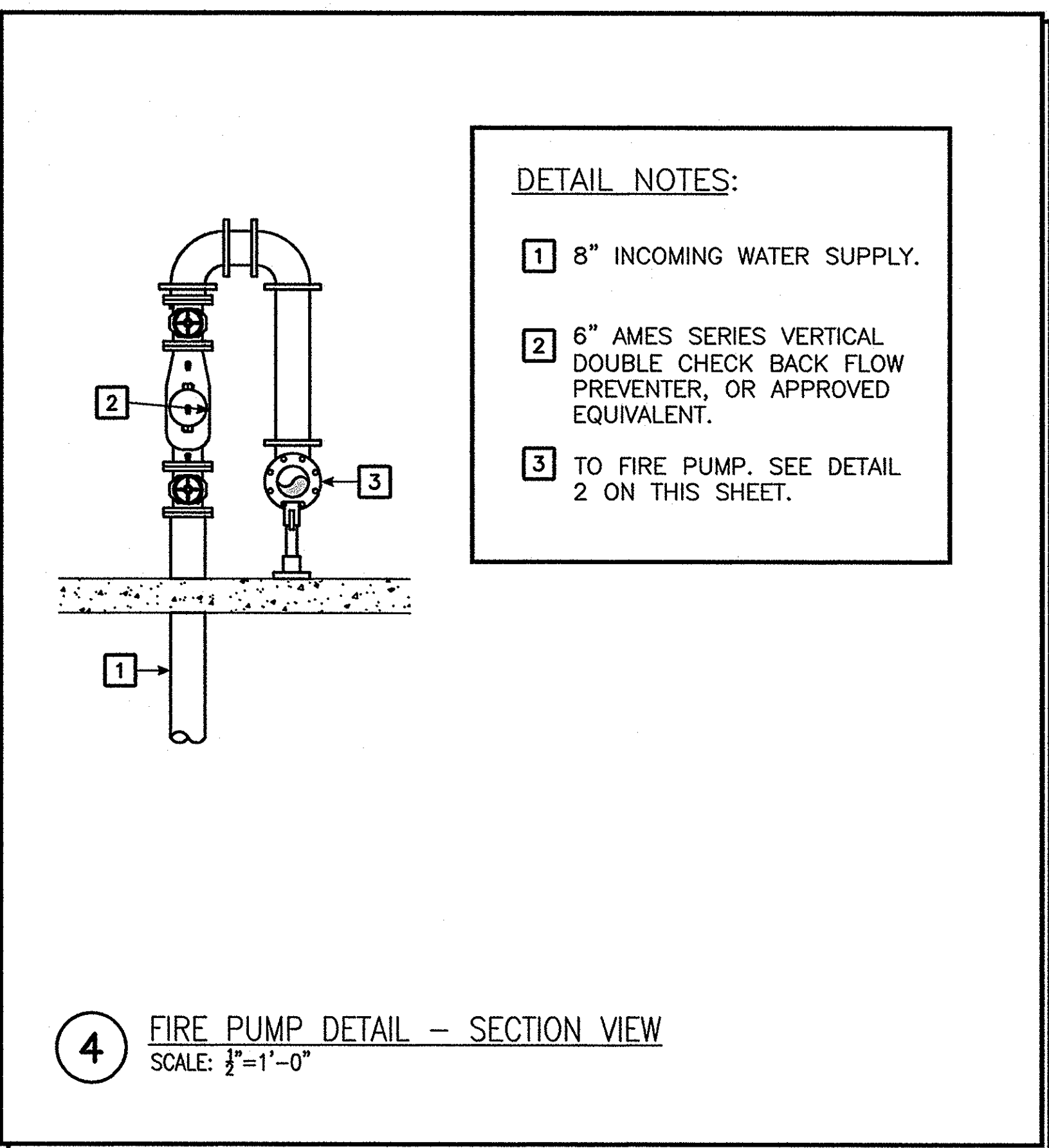
SHEET NOTES:

1. PUMP LAYOUT IS FOR BID PURPOSES ONLY. CONTRACTOR TO VERIFY ALL DIMENSIONS AND TO PROVIDE OWNER WITH FINAL PUMP LAYOUT PRIOR TO PROCURING PUMP COMPONENTS.
2. REFER TO SPECIFICATION SECTION 211000 FOR ADDITIONAL INFORMATION ON FIRE PUMP SYSTEM AND ASSOCIATED COMPONENTS.
3. CONNECTION OF ELECTRICAL SERVICE TO FIRE PUMP, JOCKEY PUMP, AND AUXILIARY LOADS (LIGHT, HEAT, VENTILATION) BY ELECTRICAL CONTRACTOR.
4. GENERAL CONTRACTOR TO PROVIDE A NEW 1-HOUR ENCLOSURE FOR FIRE PUMP ASSEMBLY AND SPRINKLER RISERS. DOORS SHALL BE SELF-CLOSING AND 45-MINUTE RATED. REFER TO ARCHITECTURAL PLANS FOR INFORMATION ON FIRE PUMP ENCLOSURE CONSTRUCTION.
5. GENERAL CONTRACTOR TO PROVIDE FLOOR PITCHING IN THE PUMP ROOM FOR ADEQUATE DRAINAGE OF ESCAPING WATER AWAY FROM CRITICAL EQUIPMENT SUCH AS THE PUMP, DRIVER AND CONTROLLER. THE PUMP SHALL BE PROVIDED WITH A FLOOR DRAIN THAT WILL DISCHARGE TO A FROST-FREE LOCATION.



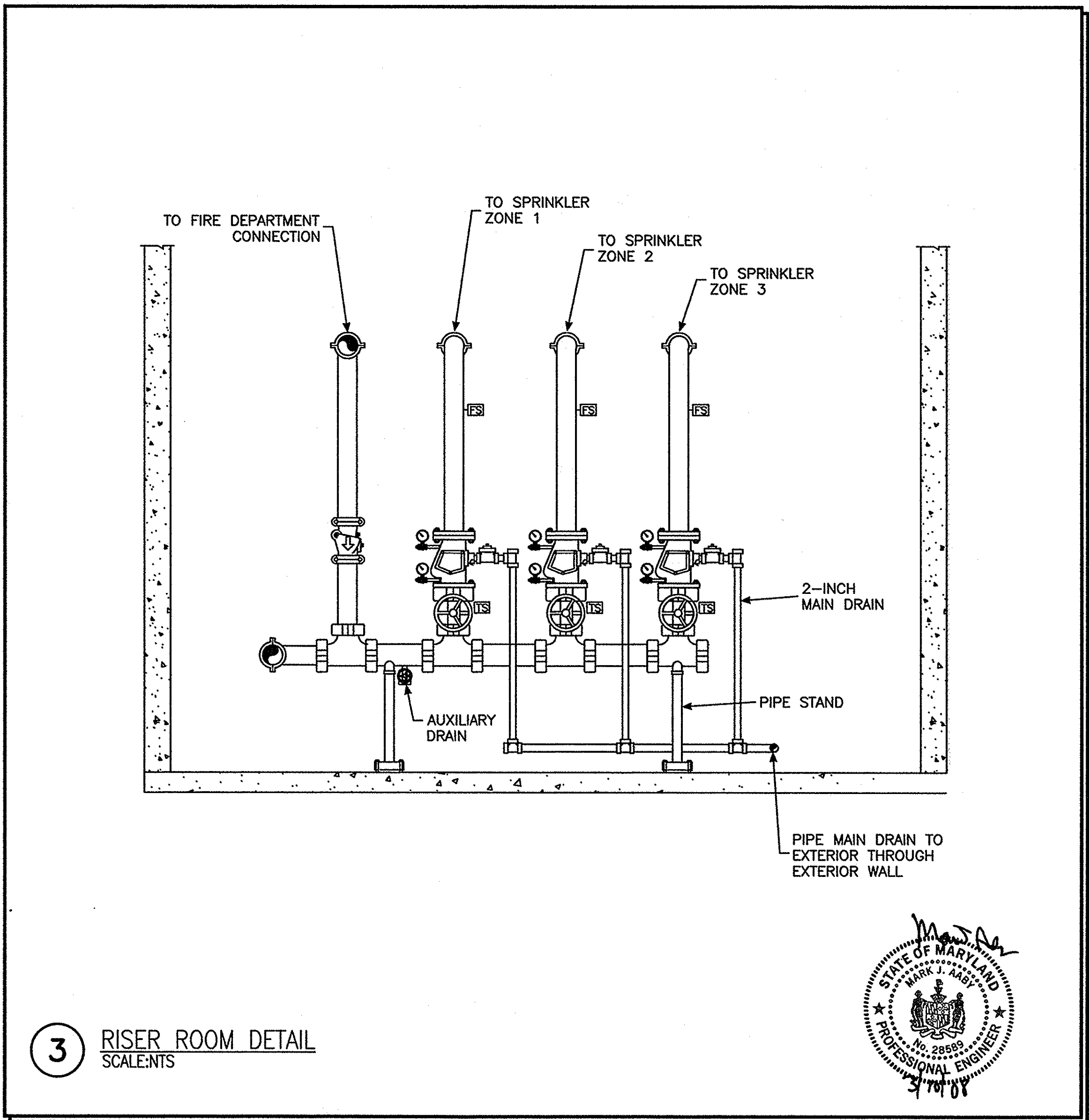
DETAIL NOTES:

- 1 6" SUCTION PIPE FROM SUPPLY.
- 2 4" FIRE PUMP TEST HEADER WITH OS&Y GATE VALVE.
- 3 HORIZONTAL SPLIT CASE FIRE PUMP RATED FOR 500 GPM AT 50 PSI.
- 4 6" DISCHARGE CHECK VALVE.
- 5 OS&Y GATE VALVE WITH SUPERVISORY SWITCH.
- 6 6" FIRE PUMP BY-PASS.
- 7 BUTTERFLY VALVE WITH SUPERVISORY SWITCH.
- 8 BY-PASS CHECK VALVE.
- 9 TO FDC AND SYSTEM RISERS. REFER TO DETAIL 3 ON THIS SHEET.
- 10 OS&Y GATE VALVE WITHOUT SUPERVISORY SWITCH.




DETAIL NOTES:

- 1 8" INCOMING WATER SUPPLY.
- 2 6" AMES SERIES VERTICAL DOUBLE CHECK BACK FLOW PREVENTER, OR APPROVED EQUIVALENT.
- 3 TO FIRE PUMP. SEE DETAIL 2 ON THIS SHEET.



3 RISER ROOM DETAIL  
SCALE: 1/2"=1'-0"



Revision Schedule		CONSULTANTS:				CONSTRUCTION DOCUMENT SUBMISSION-	ARCHITECT: <div>ELLERBE BECKET</div> <div></div> <div>2380 McGee Street, Suite 200 Kansas City, MO 64108 816 561 4443</div> <div>Ellerbe Becket, Inc. Ellerbe Becket Architects and Engineers, Inc. Ellerbe Becket Architects and Engineers</div> <div>2008</div>	Drawing Title: FIRE PUMP AND RISER DETAILS		Project Title: Contract New Warehouse		Project Number 520-320		Office of Facilities Management
Revision Number	Revision Date	CIVIL / STRUCTURAL Simpkins & Costelli, Inc.  401 32 1/2 Street Gulfport, MS 39506  t: 228.864.6289 f: 228.864.2897	MECH / PLUMBING Atherton Consulting Engineers 1907 Pass Road, Suite G Biloxi, MS 39531  t: 601.362.6478 f: 601.981.0575	ELECTRICAL Watkins & O'Gwynn 4523 Office Park Drive Jackson, MS 39206  t: 601.982.3313 f: 601.982.7685	FIRE PROTECTION Koffel Associates, Inc. 6522 Meadow Ridge Road, Suite 101 Elkridge, MD 21075  t: 410.750.2246 f: 410.750.2588			Approved: Project Director		Location Biloxi, MS		Drawing Number FX502		
								Date 3/10/08	Checked SSG	Drawn PHZ	Dwg. 105 of 105			