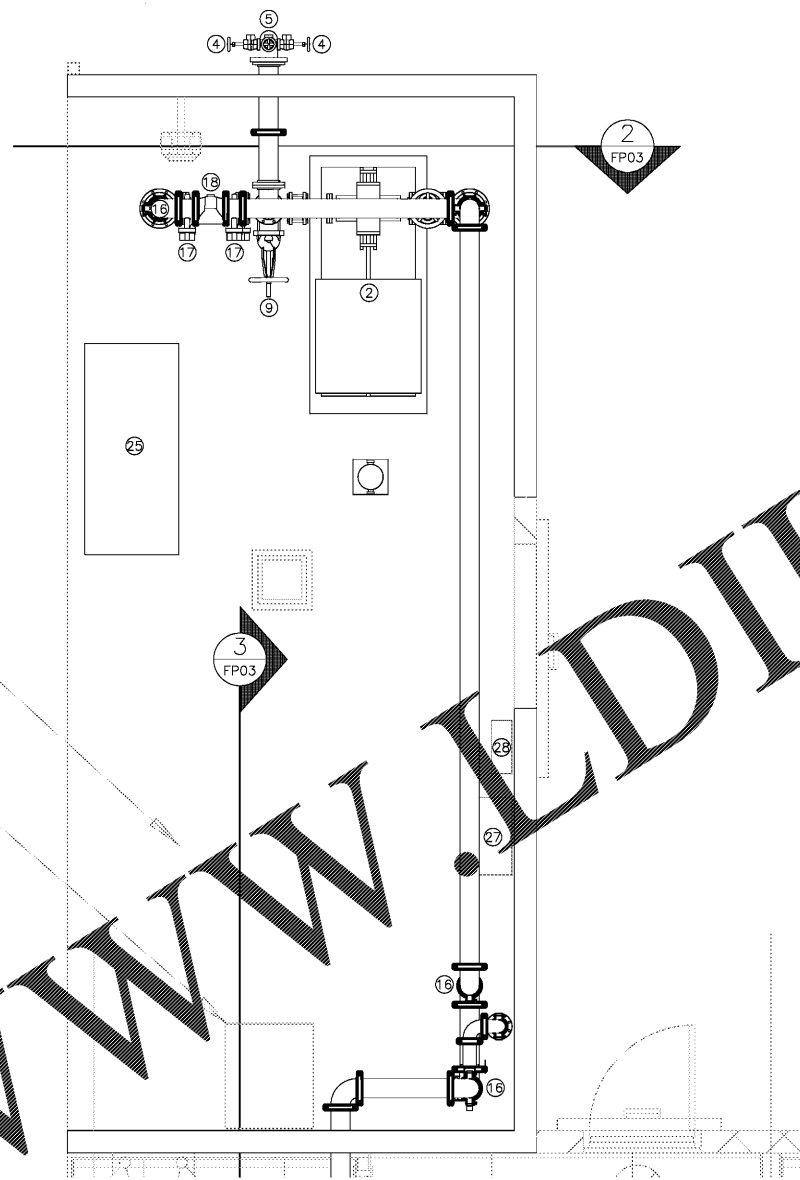
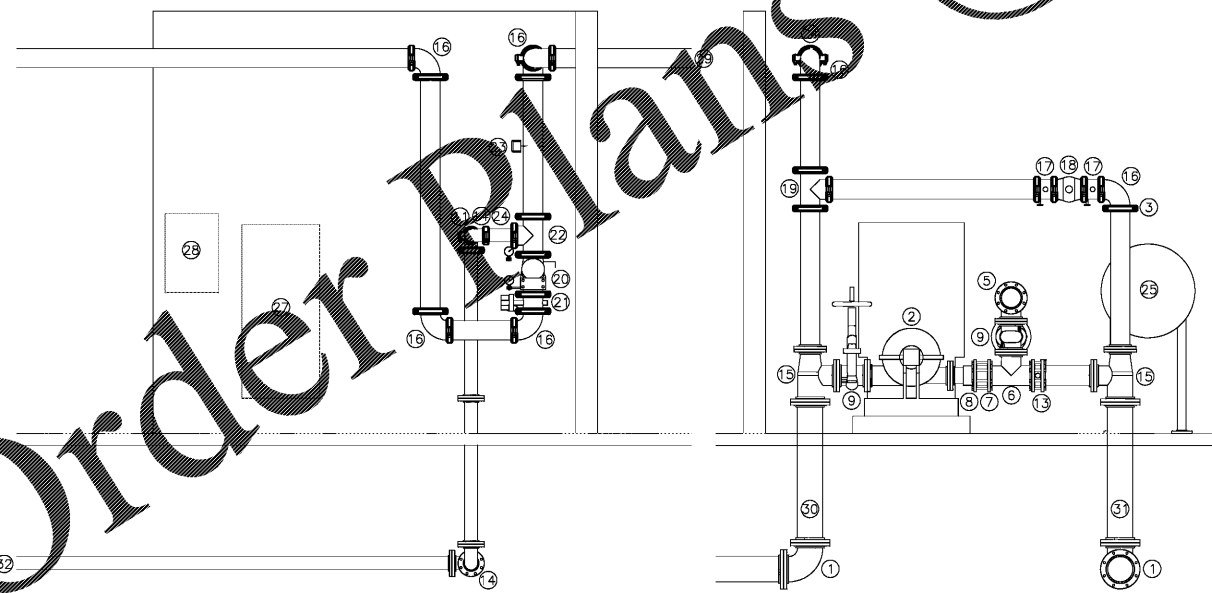


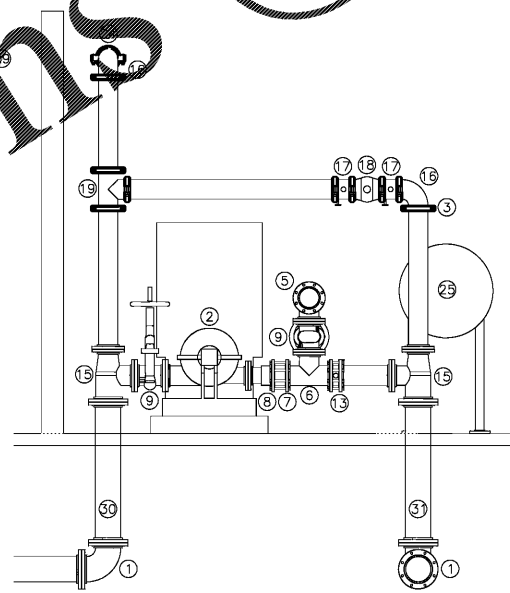
**5 Fire Pump 3-D View**  
SCALE: 1/2" = 1'-0"



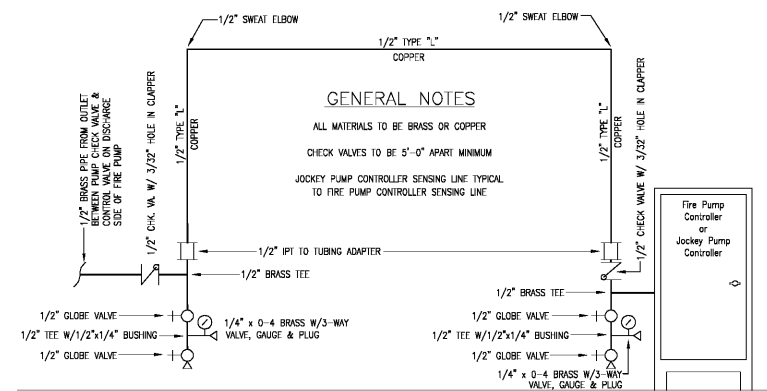
**4 Fire Pump Floor Plan**  
SCALE: 1/2" = 1'-0"



**3 Fire Sprinkler Riser Elevation**  
SCALE: 1/2" = 1'-0"



**2 Fire Pump Elevation**  
SCALE: 1/2" = 1'-0"

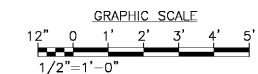


**1 Fire & Jockey Pump Controller Schematic**  
SCALE: NTS

| ID | Description  |
|----|--|
| 1  | 8" MECHANICAL JOINT ELBOW  |
| 2  | FAIRBANKS MORSE 5-1823-JU4H-UF RH 750GPM @ 50PSI FIRE PUMP.                  |
| 3  | 6" GROOVED COUPLING  |
| 4  | ANGLE HOSE VALVE BRASS 2.5" F X M NST  |
| 5  | 6" PUMP MANIFOLD (3) X 2 1/2" CONNECTIONS                                    |
| 6  | 6" FLANGED TEE   |
| 7  | 6" WAFER CHECK VALVE   |
| 8  | 6" X 5" FLANGED CONCENTRIC REDUCER   |
| 9  | 6" FLANGED OS&Y VALVE W/TAMPER SWITCH  |
| 10 | 6" FLANGED ELBOW   |
| 11 | 4" GROOVED ELBOW   |
| 12 | 4" GROOVED COUPLING  |
| 13 | 6" WAFER BUTTERFLY VALVE W/TAMPER SWITCH                                     |
| 14 | 4" MECHANICAL JOINT ELBOW  |
| 15 | 8" X 6" X 6" FLANGED REDUCED TEE   |
| 16 | 6" GROOVED ELBOW   |
| 17 | 6" BUTTERFLY VALVE W/TAMPER SWITCH   |
| 18 | 6" GROOVED CHECK VALVE   |
| 19 | 6" GROOVED TEE   |
| 20 | GROOVED SHOTGUN RISER VALVE WITH FULL TRIM                                   |
| 21 | 6" GROOVED BUTTERFLY VALVE W/TAMPER SWITCH                                   |
| 22 | 6" GROOVED   |
| 23 | 6" WAFER FLOW SWITCH   |
| 24 | 6" X 4" GROOVED REDUCED COUPLING   |
| 25 | DOUBLE WALL DIESEL FUEL TANK (119 GALLONS, 105 GALLONS USABLE)               |
| 26 | JOCKEY PUMP  |
| 27 | FIRE PUMP CONTROLLER   |
| 28 | JOCKEY PUMP CONTROLLER   |
| 29 | 4" PIPE TO SUPPLY THE RETAIL STORE SPRINKLERS                                |
| 30 | 8" SUPPLY FROM THE CITY CONNECTION (SEE CIVIL FOR CONTINUATION)              |
| 31 | 8" PIPE TO SUPPLY THE PUBLIX STORE (SEE CIVIL FOR CONTINUATION)              |
| 32 | 4" PIPE OUT TO THE FIRE DEPARTMENT CONNECTION. (SEE CIVIL FOR CONTINUATION). |

**GENERAL NOTES:**

1. INSTALLATION & MATERIALS TO BE IN ACCORDANCE WITH NFPA 20, 2010 EDITION, INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION.
2. ALL WIRING OF PANELS AND CONTROLLERS BY ELECTRICAL CONTRACTOR.
3. PIPE STANDS & HANGERS PROVIDED WHERE NECESSARY TO PROPERLY SUPPORT THE FIRE PUMP PIPING PER NFPA 20, 2010 EDITION.
4. ALL GROOVED FITTINGS TO BE STANDARD VICTAULIC FITTINGS WITH GROOVED COUPLINGS OR APPROVED EQUAL.
5. FIRE PUMP TO BE FAIRBANKS MORSE HORIZONTAL SPLIT CASE CENTRIFUGAL DIESEL FIRE PUMP, U.L. LISTED AND F.M. APPROVED TO DELIVER 750 GPM @ 50 PSI, 1760 RPM, 41 BHP, CAST IRON, BRONZE FITTED, MODEL 5" 1823F. CLOCKWISE ROTATION. OR APPROVED EQUAL.
6. FUEL SUPPLY AND ARRANGEMENT SHALL MEET THE REQUIREMENTS OF NFPA 20, 2010 EDITION.
7. ENGINE EXHAUST SHALL MEET THE REQUIREMENTS OF NFPA 20, 2010 EDITION.
8. FIRE PUMP ACCEPTANCE TESTING, PERFORMANCE AND MAINTENANCE SHALL MEET THE REQUIREMENTS OF NFPA 20, 2010 EDITION CHAPTER 14.



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Orlando, Florida 32801

Client Name: Retail @ Red Bank  
South Lake Drive & Plant Springs Road  
Lexington, South Carolina

Project Name: Fire Pump Plan

| No. | Description            | Date     |
|-----|------------------------|----------|
| A   | 100% Public Submission | 03-31-17 |
| B   | 100% Public Submission | 05-17-17 |
| C   | Issued for Bid/Permit  | 05-15-17 |

2/16/22  
DATE: 03-21-17  
DRAWN BY: [Signature]  
CHECKED BY: [Signature]

FP103