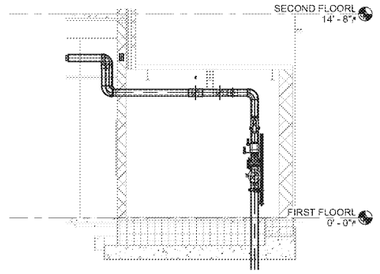
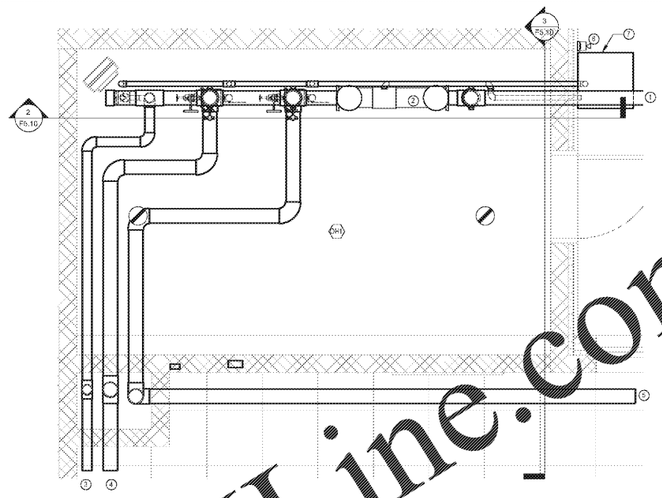


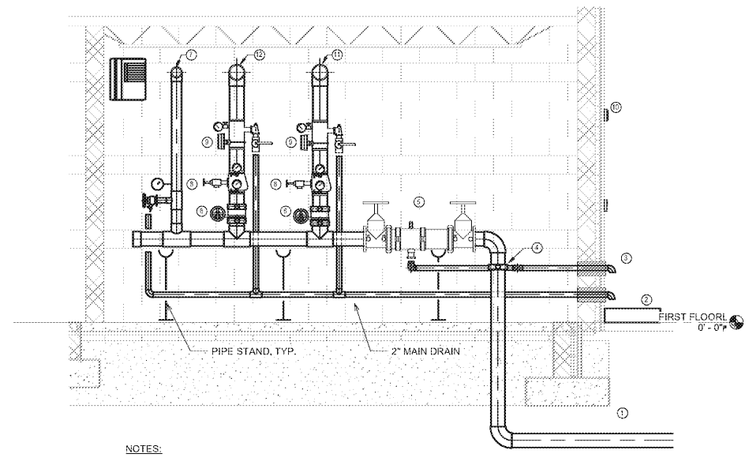
3 RISER ROOM SECTION - FIRE PROTECTION
1/4" = 1'-0"



NOTES:

1. 6' FIRE LINE BELOW GRADE. DIVISION 21 STARTS 1'-0" AFF. SEE CIVIL PLANS FOR CONTINUATION.
2. 6" REDUCED PRESSURE BACKFLOW PREVENTER WITH (2) BUTTERFLY VALVES WITH TAMPER SWITCHES MOUNTED IN THE HORIZONTAL CONFIGURATION. PROVIDE AIR GAP AND DISCHARGE TO EXTERIOR.
3. PIPE ROUTED TO BACKFLOW PREVENTER TEST CONNECTION AND FDC.
4. WET PIPE VALVE ASSEMBLY. CONNECTS TO FIRST FLOOR SPRINKLER SYSTEM.
5. WET PIPE VALVE ASSEMBLY. CONNECTS TO SECOND FLOOR SPRINKLER SYSTEM.
6. EXTERIOR HORN/STROBE (BY DIVISION 28) TO ACTIVATE BASED UPON SPRINKLER FLOW.
7. 2'-0" x 2'-0" X 6" CONCRETE PAD.

1 FIRST LEVEL - RISER ROOM
1/2" = 1'-0"



NOTES:

1. 6' FIRE LINE BELOW GRADE. DIVISION 21 STARTS 1'-0" AFF. SEE CIVIL PLANS FOR CONTINUATION.
2. 2'-0" x 2'-0" X 6" CONCRETE PAD.
3. PROVIDE ANNULAR CLEARANCE AROUND PIPING PENETRATING WALL. ANNULAR SPACE SHALL BE CAULKED WITH FLEXIBLE WATERTIGHT SEALANT.
4. FLEXIBLE COUPLING 24" AFF.
5. 6" REDUCED PRESSURE BACKFLOW PREVENTER WITH (2) BUTTERFLY VALVES WITH TAMPER SWITCHES MOUNTED IN THE HORIZONTAL CONFIGURATION. PROVIDE AIR GAP AND PIPE DISCHARAGE TO EXTERIOR.
6. CONTROL VALVE WITH TAMPER SWITCH.
7. PIPE ROUTED TO BACKFLOW PREVENTER TEST CONNECTION AND FDC.
8. RISER CHECK VALVE ASSEMBLY WITH GAUGES AND DRAIN VALVE.
9. RISER MANIFOLD ASSEMBLY. INSPECTOR'S TEST CONNECTION TO BE PROVIDED WITH PRESSURE RELIEF VALVE.
10. EXTERIOR HORN STROBE (BY DIVISION 28) TO ACTIVATE BASED UPON SPRINKLER FLOW.
11. TO SECOND LEVEL SPRINKLER SYSTEM. SEE SHEET F1.11 FOR CONTINUATION.
12. TO FIRST LEVEL SPRINKLER SYSTEM. SEE SHEET F1.11 FOR CONTINUATION.

2 RISER SECTION - FIRE PROTECTION
1/2" = 1'-0"

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ENLARGED RISER ROOM AND SCHEMATICS - FIRE PROTECTION

F5.10

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