

FILE NAME:

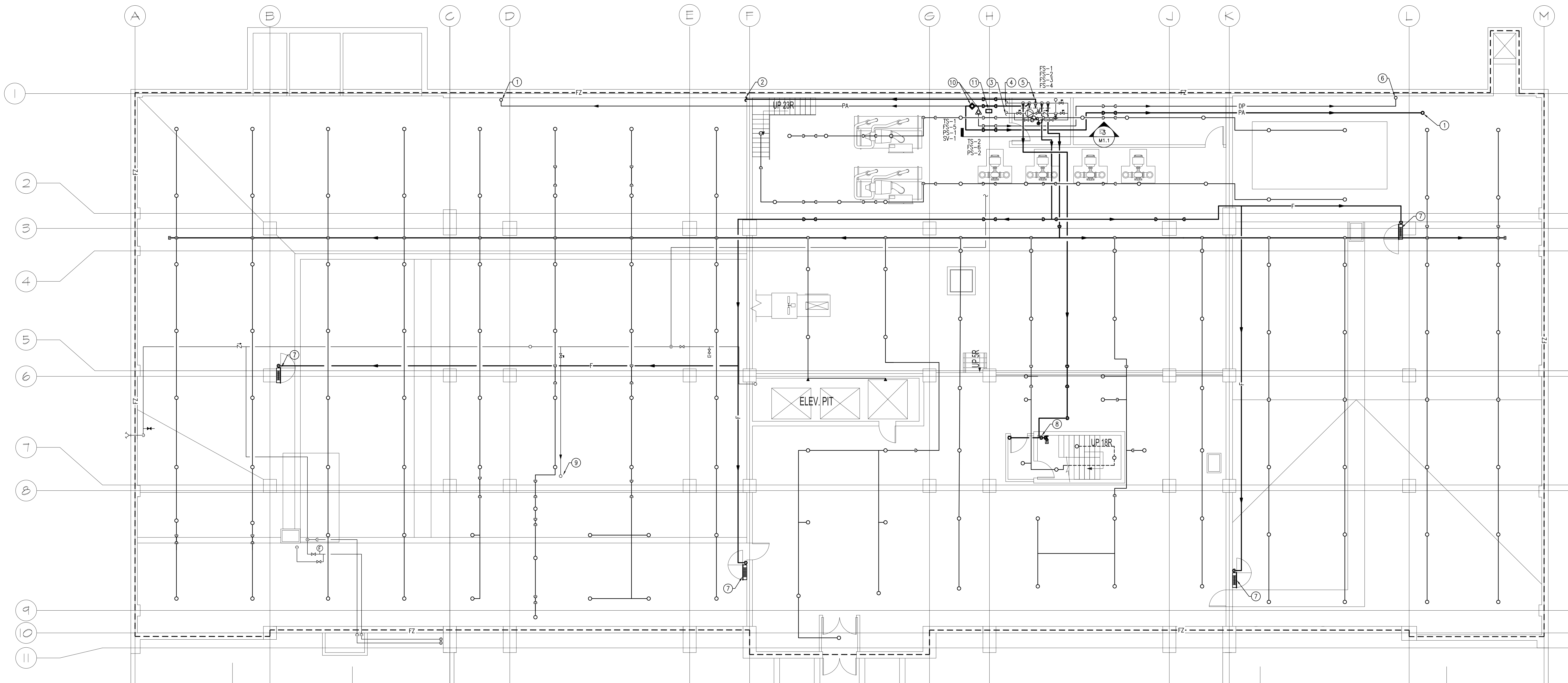
DATE: 12/07/09

DESCRIPTION: NEW SUB-BASMENT SPRINKLER LAYOUT

PROJECT No: 11-173-01

ADDRESS: 510 MAIN STREET

NOTES:



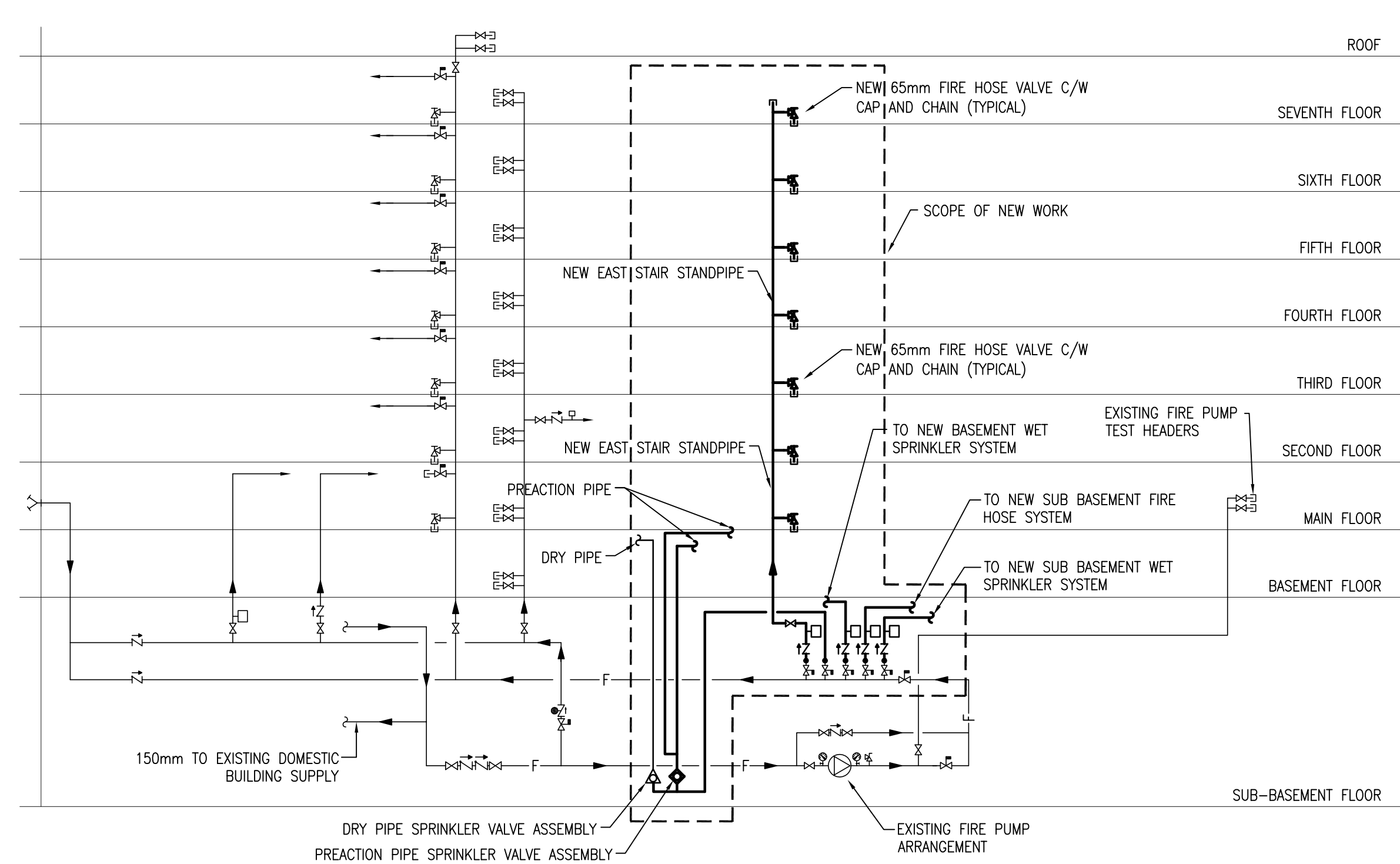
**GENERAL NOTES**

- A. CONTRACTOR SHALL CONFIRM DESIGN. THIS LAYOUT IS ONLY INTENDED TO SHOW HEAD TYPE AND GENERAL INTENT. CONTRACTOR SHALL INCLUDE FOR, PROVIDE AND INSTALL ALL ADDITIONAL SPRINKLER HEADS, PIPING, EQUIPMENT AND OTHER SYSTEM APPURTENANCES AS REQUIRED BY CODE AND AS REQUIRED TO INSTALL A COMPLETE WORKING FIRE PROTECTION SYSTEM.
- B. CONTRACTOR SHALL INCLUDE FOR AND PROVIDE ALL COORDINATION BETWEEN TRADES AND CONTRACT ADMINISTRATOR ON AND OFF SITE. AS REQUIRED FOR INSTALLATION OF FIRE PROTECTION SYSTEMS, WHERE RE-ROUTING OF PIPING OR ADDITIONAL WORK REASONABLY INCIDENTAL TO ORIGINAL DESIGN INTENT IS REQUIRED DUE TO COORDINATION IT SHALL BE PERFORMED AT NO ADDITIONAL COST TO THE CITY.
- C. ALL PIPE SIZING REQUIREMENTS SHALL BE HYDRAULICALLY CALCULATED AND PROVIDED BY THE SUCCESSFUL INSTALLING CONTRACTOR.
- D. ALL PIPE ON DRY AND PREACTION SYSTEMS TO BE PITCHED AS REQUIRED BY NFPA13.

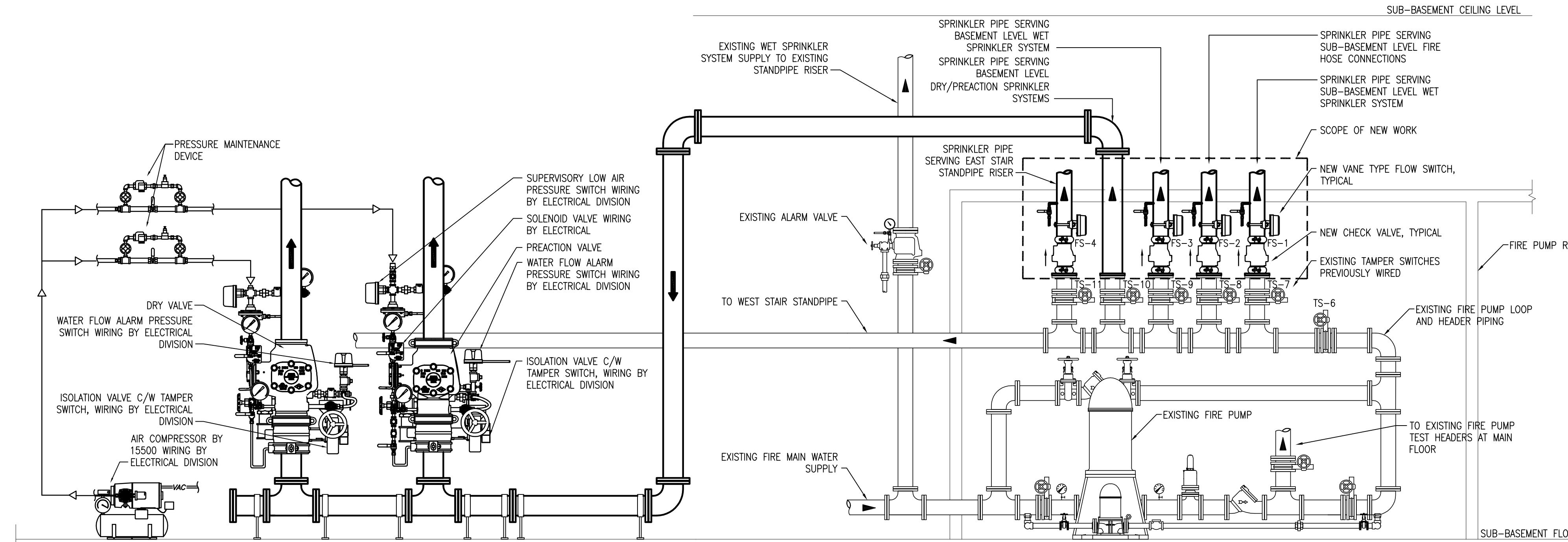
**KEY NOTES**

- 1. PREACTION RISER UP TO BASEMENT LEVEL.
- 2. WET SPRINKLER PIPE TO PENETRATE WALL AND ENTER BASEMENT AT HIGH LEVEL.
- 3. EXISTING FIRE MAIN WATER SUPPLY.
- 4. TO EXISTING WEST STAIR STANDPIPE.
- 5. REFER TO M1.1/3.
- 6. DRY SPRINKLER PIPE RISER UP TO BASEMENT LEVEL.
- 7. NEW FIRE HOSE CABINETS C/W CAP AND CHAIN.
- 8. STANDPIPE RISER C/W FIRE CONNECTION AT IMMEDIATE LANDING OF EACH FLOOR, RISING UP TO LEVEL 7. SEE DRAWING M1.1/2 ON THIS SHEET FOR REFERENCE.
- 9. EXISTING WEST STAIR SPRINKLER RISER.
- 10. PREACTION AND DRY PIPE VALVE ASSEMBLIES TO BE DRAINED BACK TO COMMON DRAIN PIPE IN FIRE PUMP ROOM.
- 11. PROVIDE NEW AIR COMPRESSOR TO FEED BOTH PREACTION AND DRY PIPE VALVE ASSEMBLIES.

**1 NEW SUB-BASMENT SPRINKLER LAYOUT**  
M1.1 SCALE: 1:100



**2 FIRE PUMP ROOM SECTION**  
M1.1 SCALE: NTS

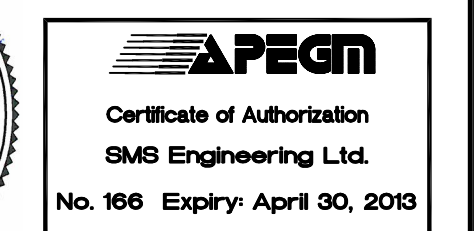
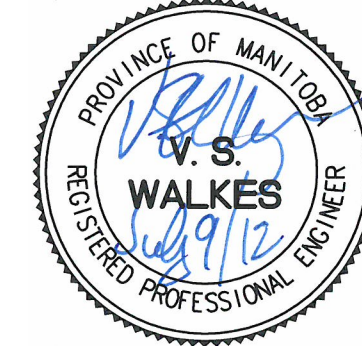


**3 FIRE PUMP & VALVE ASSEMBLY NORTH ELEVATION**  
M1.1 SCALE: NTS

**NOTES:**

- A. PIPE DELUGE VALVE/SYSTEM DRAIN VALVES OVER EXISTING FLOOR DRAIN.
- B. ANCHOR PIPING SYSTEM SECURELY TO FLOOR AND CEILING STRUCTURAL MEMBERS. NOTE EXTERIOR WALL PANELS CONTAIN ASBESTOS.

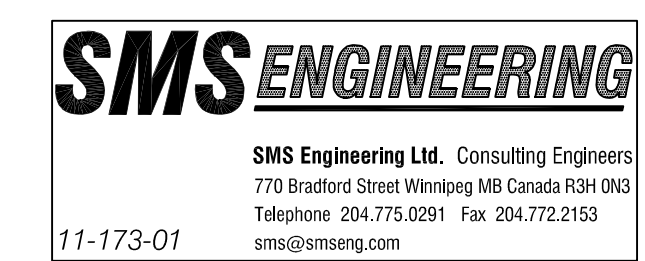
2	RE-ISSUED FOR BID OPPORTUNITY	TL	07/12
1	ISSUED FOR BID OPPORTUNITY	TL	07/12
NO.	REVISION/DESCRIPTION	TL	BY DATE



DRAWN BY: DL  
CHECKED BY: TL  
APPROVED: VSW  
DATE: 2010/09  
USER APPROVAL:

CITY OF WINNIPEG  
PLANNING, PROPERTY & DEVELOPMENT DEPARTMENT  
CIVIC ACCOMMODATIONS DIVISION  
300 - 65 GARRY ST. R3C 4K4

PROJECT  
CITY OF WINNIPEG  
BASEMENT & SUB-BASEMENT FIRE SUPPRESSION UPGRADE  
510 MAIN STREET  
SHEET TITLE



SCALE: AS NOTED  
PROJECT NO: 501-2012  
SHEET NO: M1.1