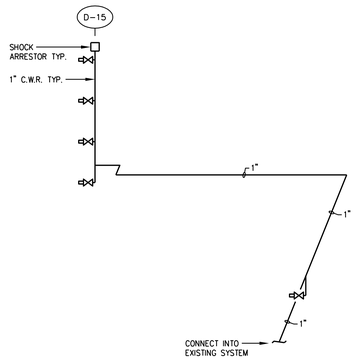
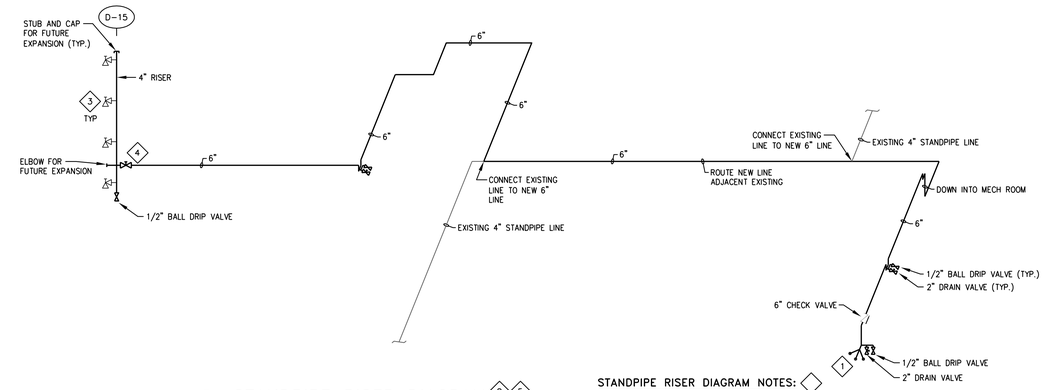


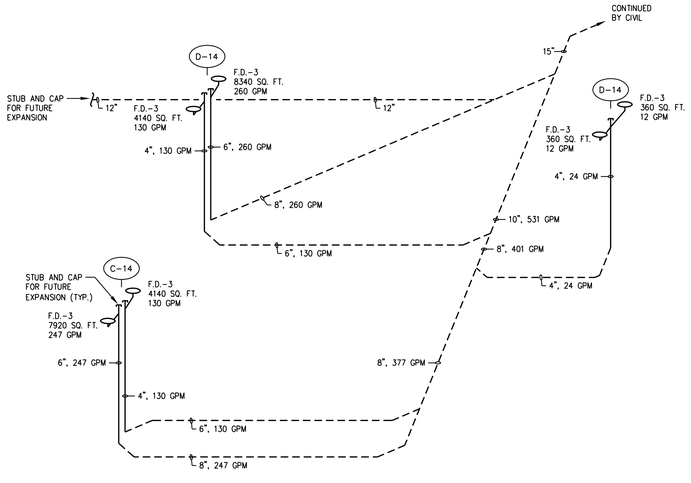
1 COLD WATER RISER DIAGRAM



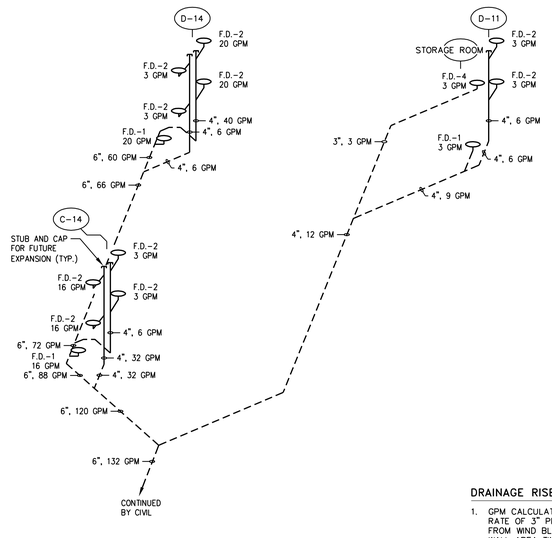
2 STANDPIPE RISER DIAGRAM 2 5

STANDPIPE RISER DIAGRAM NOTES:

1. FIRE DEPARTMENT SIAMESE CONNECTION. WALL MOUNT TYPE, 2 1/2" x 2 1/2" x 2 1/2" x 6" ELKHART NO. 18 3-WAY (BODY PAINTED RED, CAST BRASS TRIM) WITH INDEPENDANT DROP CLAPPERS. COMPLETE WITH PLUGS AND CHAINS. ESCUTCHEON LETTERED "STANDPIPE", THREADS TO FIRE DEPARTMENT STANDARD. CONTRACTOR MAY USE AN APPROVED EQUIVALENT SIAMESE THAT MEETS THE ABOVE REQUIREMENTS. BEFORE INSTALLATION VERIFY SIZE AND LOCATION WITH LOCAL FIRE OFFICIAL.
2. ALL MATERIALS SHALL BE INSTALLED PER NFPA 14, LOCAL FIRE CODES AND FACTORY MUTUAL REQUIREMENTS. ALL MATERIALS SHALL BE LISTED AND APPROVED BY A RECOGNIZED TESTING AGENCY.
3. HOSE CONNECTIONS: 2 1/2" ANGLE HOSE VALVE. ELKHART NO. U-25-2.5 OR APPROVED EQUIVALENT. THREADS TO FIRE DEPARTMENT STANDARD. PROVIDE 2 1/2" TO 1 1/2" ADAPTOR, CAP AND CHAIN, ROUGH BRASS FINISH. PROVIDE THE FOLLOWING SIGN AT EACH HOSE CONNECTION, "MANUAL STANDPIPE FOR FIRE DEPARTMENT USE ONLY". TYP. U.N.O.
4. 4" DIAMETER O.S. & Y. ISOLATION VALVE LOCKED IN OPEN POSITION.
5. SEE GENERAL NOTES ON SHEET M-001 FOR ADDITIONAL INFORMATION.



3 STORM DRAINAGE RISER DIAGRAM



4 SANITARY DRAINAGE RISER DIAGRAM

DRAINAGE RISER DIAGRAM NOTES:

1. GPM CALCULATIONS ARE BASED ON A RAINFALL RATE OF 3" PER HOUR. COVERED TIER CONTRIBUTION FROM WIND BLOWN RAIN IS BASED ON 50% OF OPEN WALL AREA TIMES THE TOP TIER RATE.
2. CLEANOUTS ARE NOT SHOWN. REFER TO GROUND TIER PLAN & SPECIFICATIONS FOR CLEANOUT LOCATIONS.

Revisions	Date

VA ANN ARBOR HEALTHCARE SYSTEM
2115 FULLER ROAD
ANN ARBOR, MICHIGAN
48105

WALKER
PARKING CONSULTANTS
525 Avis Drive, Suite 1
Ann Arbor, MI 48108
20-1148.00

CARDIOLOGY MANAGER	DATE	ENGINEERING MANAGER	DATE
INFECTION CONTROL	DATE	CARELINE MANAGER	DATE
SAFETY OFFICER	DATE	CHIEF OF STAFF	DATE

Drawing Title: Riser Diagrams

MEDICAL CENTER DIRECTOR DATE

ASSOCIATE MEDICAL CENTER DIRECTOR DATE

Project Title: Expand East Parking Structure

Building Number: 506 | Checked | Drawn

Location: VAMC ANN ARBOR, MICHIGAN

Date: 11-09-11

Project No. 506-310

M-601

Office of Facilities

Department of Veterans Affairs