



SITE VISIT VERIFICATION:

DURING SITE VISIT CONTRACTOR VERIFY GENERAL LOCATION OF NEW DOMESTIC WATER LINES TO BE INSTALLED AND IDENTIFY ANY TREES OR SHRUBS THAT WILL BE DISTURBED. GENERAL FOR TREES AND ACTIVITY INSIDE THE ROOT CANOPY THE TREE WILL NEED TO BE REPLACED. ALL TREES SHALL BE REPLACED WITH A SOUTHERN RED OAK OR RED MAPLE. COORDINATE WITH COR FOR TYPE OF TREE.

IF A TREE CANOPY WAS DISTURBED IT IS IN THE SCOPE OF WORK FOR THE CONTRACTOR TO BE REPLACED.

- SYMBOLS**
- FIRE HYDRANT
 - LAWN HYDRANT
 - POST INDICATOR VALVE
 - CHECK VALVE
 - GATE VALVE
 - SEWAGE CONE
 - CONNECT NEW TO EXISTING
 - EXISTING TREE TO BE REMOVED AND/OR REPLACE
 - REMOVE EXISTING TREE
 - EXISTING DOMESTIC WATER/FIRE LINE TO BE ABANDONED
 - EXISTING DOMESTIC WATER/FIRE CITY SUPPLY
 - EXISTING DOMESTIC WATER/FIRE NEW PVC
 - EXISTING DOMESTIC WATER/FIRE LINE TO BE REPLACED
 - NEW DOMESTIC WATER/FIRE LINE FITTINGS TO BE INSTALLED
 - NEW DOMESTIC WATER/FIRE LINE CURRENTLY UNDER CONSTRUCTION

- GENERAL NOTES:**
1. REPLACEMENT OF UNDERGROUND MAINS SHALL BE PERFORMED IN PHASES TO MINIMIZE THE SYSTEM DOWN TIME. THE CONTRACTOR SHALL PROVIDE A PHASING PLAN TO THE COR.
 2. ALL NEW PIPING SHALL BE ANNA CROO RESTRAINED JOINT PVC. PROVIDE PROPER RESTRAINED FITTINGS AT CONNECTION TO EXISTING PIPING.
 3. ALL DOMESTIC WATER VALVES SHALL BE PROVIDED WITH A VALVE BOX AND 18"X18"X4" THICK CONCRETE PAD, FLUSH WITH FINISHED GRADE - SEE DETAIL.
 4. CONTRACTOR TO PERFORM UTILITY DETECTION TO IDENTIFY AND MARK UTILITIES BEFORE DIGGING OPERATIONS BEGIN.
 5. LIGHT POLE WIRES ARE DIRECT BURRED AND ARE TO BE APPROACHED WITH CARE AND IF DAMAGED REPAIRED WITHIN 24 HOURS AND/OR PROVIDE FOR TEMPORARY LIGHTS.
 6. ANY HIGH VOLTAGE AREAS ARE TO BE COORDINATED WITH DATE POWER AND DUE TO UNCLE OPERATIONS MUST SHUTDOWNS WOULD OCCUR ON WEEKEND HOURS. PLAN AS CONDITIONS REQUIRED.
 7. CONTRACTOR TO VERIFY ALL BUILDING'S T.E.N. SOME BUILDINGS FOR EXAMPLE BLDG 4 TRENCH WILL REQUIRE SHORING AND OTHER SAFETY MEASURES TO PROTECT WORKERS AND VAC. SALESBURY SYSTEMS, SHAFT, AND PROPERTY.

- KEYNOTES:**
- A. ABANDON STEM LINE 6 APPROX. 11" FROM BACK OF CURB AND ITS IDENTIFY APPROX. 4'-2" FROM TOP OF CURB.
 - B. THERE ARE ALSO CHILL WATER LINES IN THIS AREA AND THEY ARE LOCATED WEST OF EXISTING 6" DOMESTIC WATER LINE APPROX. 4'-3" TO 6" DOMESTIC LINE IS APPROX. 14'-3" FROM BACK OF CURB.
 - C. EXISTING BRICK HOUSING TO BE DEMOLISHED IN NEW BRICK HOUSING TO BE BUILT. SEE DRAWING C-103.

- KEYNOTES:**
- 1. EXISTING 8" WATER MAIN. REPLACE WITH NEW 10" PVC
 - 2. REPLACE EXISTING GATE VALVE WITH NEW GATE VALVE
 - 3. REPLACE EXISTING FIRE HYDRANT WITH NEW PIPING, VALVE AND FIRE HYDRANT.
 - 4. EXISTING COMMUNICATIONS; COORDINATE WITH COR PRIOR TO REINSTALLATION OF DOMESTIC WATER LINES
 - 5. EXCAVATION REQUIRES SHORING AS PER OSHA & VA REGULATIONS
 - 6. REPLACE EXISTING PIPING AND GATE VALVES TO EXISTING FIRE HYDRANTS
 - 7. EXISTING 12" WATER MAIN. REPLACE WITH NEW 12" PVC
 - 8. EXISTING 10" PIPE. REPLACE WITH 10" PVC
 - 9. EXISTING 8" PIPE. REPLACE WITH 8" PVC
 - 10. EXISTING 6" PIPE. REPLACE WITH 10" PVC
 - 11. REPLACE EXISTING PIPING AND GATE VALVES WITH NEW GATE VALVE AND PIPE OF SAME SIZE PIPE TO PVC
 - 12. INSTALL NEW 10" BACK FLOW PREVENTER AND PRESSURE REGULATOR
 - 13. INSTALL NEW 8" PVC
 - 14. INSTALL NEW 4" PVC
 - 15. INSTALL NEW GATE VALVE
 - 16. WATER LINES CURRENTLY UNDER CONSTRUCTION; COORDINATION REQUIRED WITH COR FOR LOCATION NEW WATER LINES.
 - 17. ABANDON STEM LINE IN AREA; ABANDONMENT FOR ASBESTOS REQUIRED FOR DOMESTIC LINE CROSSING.
 - 18. CONNECT INTO EXISTING DOMESTIC WATER LINE
 - 19. NEW ROUTE FOR NEW DOMESTIC WATER LINE. DUE TO EXISTING CONDITIONS THIS NEW ROUTE IS OPEN FOR CONTRACTOR TO INSTALL NEW DOMESTIC WATER LINE. SEE DRAWING C-102 FOR PIPING DETAILS AS NOTED.
 - 20. EXISTING 4" PIPE TO BE REPLACED WITH 8" PVC
 - 21. EXISTING DOMESTIC LINE TO BE ABANDONED
 - 22. EXISTING 4" SLEEVE (3000 PVC PIPE CAP). CONNECT TO FOR NEW DOMESTIC LINE.
 - 23. IN STATE VETERANS HOME CHILLER & BOILER PLANT. COORDINATE WITH COR BEFORE REPLACEMENT OF DOMESTIC WATER LINES.
 - 24. CONCRETE SIDEWALK LIES DIRECTLY ABOVE EXISTING 12" WATER LINE TO BE REPLACED.
 - 25. PAVING OPERATIONS.

W.G. (Bill) HEFNER MEDICAL CENTER

Revision	Date

RECOMMEND APPROVAL			
REQUESTER	Date	CHIEF OF STAFF	Date
CHIEF OF SERVICE	Date	ASSOC. DIR. for OPERATIONS	Date
ASSOC. DIR. PATIENT CARE SVC.	Date	ASSOC. DIR. for OPERATIONS	Date
APPROVAL BY:	Date		
MEDICAL CENTER DIRECTOR			

Drawing Title		Project Title	
OPTIONS & DEDUCTS		REPLACE DOMESTIC WATER PIPING-NORTH LOOP	
Approved: Safety Manager/M&O Supervisor		Building Number	Checked
Approved: Chief of Facilities Management Svr.		CAMPUS	BLF
Location		W.G.(Bill) Hefner Medical Center	
		1601 Brenner Ave.	
		Salisbury NC 28144	

Date	29 JUNE 2012
Project No.	659-12-253
DRAWING NO.	G-103
DWG. 3 OF 8	

