



ABANDON WATER MAIN IN HATCHED AREA (TO INCLUDE OLD METER PIT)
 REMOVE WATER MAIN AND PIPING AS REQUIRED FOR INSTALLATION OF NEW WATER MAIN PIPING, FITTINGS, CONNECTION POINTS, GATE VALVE, FIRE HYDRANT OTHER ITEMS AS REQUIRED BY INSTALLATION DETAILS.

POSSIBLE ROUTES FOR NEW 6 INCH WATER MAIN PIPE FROM WATER MAIN LOOP TO THE NEW FIRE HYDRANT AND GATE VALVE (CONTRACTOR'S OPTION ON ROUTING).

GATE VALVE AND FIRE GATE VALVE TO REPLACE, CHANGE ORIENTATION OF NEW VALVE AS REQUIRED FOR NEW INSTALLATION AND PIPE ROUTE.

1 WORK AREA 2 - FIRE HYDRANT AND GATE VALVE REPLACEMENT, NEW WATER MAIN BRANCH LINE
 1/16" = 1'-0"
 NORTH

WORK AREA 2 GENERAL CONSTRUCTION NOTES:

1. REMOVE FILL MATERIAL.
2. ALL NEW PIPING BETWEEN THE WATER MAIN LOOP AND THE NEW GATE VALVE/FIRE HYDRANT COMBINATION SHALL BE DIRECT BORED UNDER THE EXISTING PARKING LOTS, DRIVES AND SIDEWALKS.
3. REMOVE CURB STOP, RISER VALVE, ETC AND REPLACE ALL WITH NEW. SEE INSTALLATION DETAILS FOR ADDITIONAL INFORMATION.
4. REMOVE FIRE HYDRANT (TO INCLUDE ALL PIPING AND RISER COMPONENTS) AND REPLACE WITH NEW, CAP AND PLUG LINES THAT ARE BEING ABANDONED.
5. INSTALL FILL MATERIAL, COMPACT TO MEET STATE OF NORTH DAKOTA STANDARDS FOR THE WORK BEING PERFORMED AND TEST. LEAVE SITE IN A CONDITION THAT MATCHES EXISTING OR BETTER.
6. PROVIDE ALL CONSTRUCTION SITE BARRICADES, SIGNAGE, FENCING, ETC. REQUIRED. THE PARKING LOTS, DRIVES AND SIDEWALKS SHALL REMAIN OPEN AT ALL TIMES.
7. ALL WORK SHALL BE IN COMPLIANCE WITH OSHA, NFPA, STATE AND FEDERAL REQUIREMENTS. EXCAVATION SITES SHALL BE PER OSHA REQUIREMENTS IN TERMS OF SLOPE OR WITH THE USE OF OTHER DEVICES/METHODS TO PREVENT COLLAPSE OF THE SURROUNDING SITE ONTO WORKERS IN THE TRENCH.
8. RESTORE GROUNDS AND ADJACENT AREAS TO PRECONSTRUCTION CONDITIONS. REPLACE CONCRETE, PAVING, FILL, SOILS, GRASS, TREES, ETC WHERE LIKES IS REMOVED FOR THE NEW WORK AND INSTALLATION.
9. THE CONTRACTOR SHALL OBTAIN VA COR/PROJECT ENGINEER APPROVAL FOR THE FINAL PIPE ROUTE CHOSEN PRIOR TO INSTALLATION. IF ROUTE CHOSEN BY THE CONTRACTOR IS UNACCEPTABLE TO THE VA COR/PROJECT ENGINEER, THE ROUTE SHALL BE RE-PLANNED AND LAID OUT WITH BOTH PARTIES AGREEING TO ROUTING. THIS WORK AND THE RESULTING NEW ROUTE CHANGES SHALL BE AT NO ADDITIONAL COST TO THE VA. EXISTING TOPOGRAPHY, VEGETATION, TREES, SITE UTILITIES, ETC ARE NOT SHOWN ON THIS PLAN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW SITE CONDITIONS AND RECORD DRAWINGS FOR THIS INFORMATION SO THAT AN APPROPRIATE ROUTE MAY BE PLANNED AND EQUIPMENT REQUIRED FOR THE INSTALLATION PLACED ACCORDINGLY SINCE VA DOES NOT HAVE KNOWLEDGE OF WHAT THE CONTRACTOR'S EQUIPMENT CLEARANCES AND EVALUATIONS MAY BE FOR BORING THE PIPE.
- 10.
- 11.

Revision	Date



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Drawing Title		Project Title		Date
WORK AREA 2 - SITE DETAILS		REPLACE FIRE HYDRANTS AND WATER MAIN LOOP VALVES		01/15/2014
VA Project No.	437-14-140	Contract No.	VA263-14-C-	Scale
Building No.	SIRPLAN	Autocad File Name		AS NOTED
Designed By	DTL	Checked By	TGD	Drawn By
Location	FARGO VA HEALTH CARE SYSTEM	Drawn By	DTL	Dwg. No.
		Dwg. No.	3	3