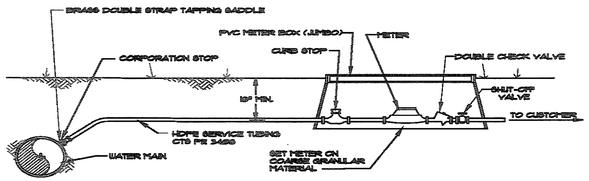
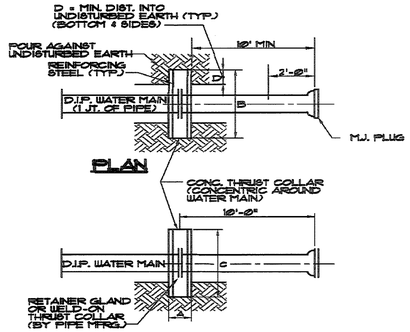


METERED SERVICE CONNECTION

N.T.S.

NOTES:

1. ALL RELOCATED AND/OR NEW WATER METERS WILL BE TIED INTO EXISTING SERVICE LINE AT THE LOCATION THE SERVICE LINE ENTERS THE EXISTING/REQUIRED RIGHT-OF-WAY OR PERMANENT EASEMENT. ALL COST ASSOCIATED SHALL BE INCLUDED IN THE COST BID TO INSTALL METERS AND SERVICE LINES.
2. CONTRACTOR TO REMOVE ABANDONED WATER MAINS AS NEEDED TO ACCOMODATE INSTALLATION OF NEW STORM DRAINS. PRICE FOR REMOVAL OF EXISTING WATER MAINS TO BE PAID UNDER GRADING COMPLETE.
3. FIRE HYDRANTS DESIGNATED FOR REMOVAL IN THE PLANS SHOULD BE STOCKPILED ON SITE BY THE CONTRACTOR FOR RETRIEVAL BY FORT VALLEY UTILITY COMMISSION. COORDINATE RETRIEVAL WITH KEITH SPILLERS, WATER SUPT. (478-827-7191 EXT. 217).
4. ANY ABANDONED UTILITY FACILITY IN PLACE LARGER THAN TWO INCHES, INSIDE DIAMETER, UP TO SIX INCHES SHALL BE PLUGGED AT ALL OPEN ENDS OF THE ABANDONED FACILITIES. PRICE OF PLUG TO BE INCLUDED UNDER GRADING COMPLETE.
5. ANY ABANDONED UTILITY FACILITY WITH AN INSIDE DIAMETER LARGER THAN SIX INCHES SHALL BE GROUT FILLED 100%.
6. DOUBLE STRAP SADDLES USED TO CONNECT WATER SERVICES TO 24" WATER MAIN WILL BE INCLUDED IN THE OVERALL PRICE FOR 24" WATER MAIN PIPE.



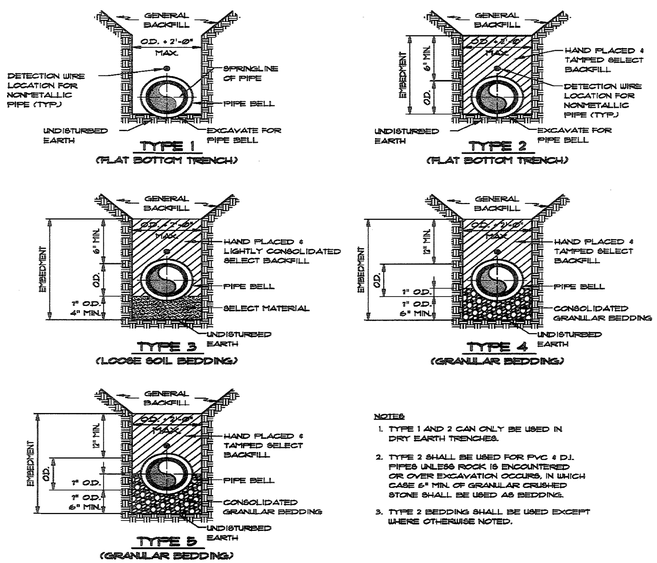
SECTION

MAIN DIA	CONCRETE COLLAR DIM. A	B	C	D	REINFORCING STEEL
16"	1'-3"	6'-6"	6'-6"	1'-6"	#8 @ 12" O.C. E.W.E.F.
10" or 12"	1'-2"	5'-3"	5'-3"	1'-0"	#7 @ 12" O.C. E.W.E.F.
6" or 8"	1'-0"	4'-0"	4'-0"	0'-8"	#6 @ 12" O.C. E.W.E.F.

TEST PRESSURE: 150 P.S.I.
SOIL BEARING PRESSURE: 3000 P.S.F.

WATER MAIN TERMINATION

N.T.S.



NOTES:

1. TYPE 1 AND 2 CAN ONLY BE USED IN DRY EARTH TRENCHES.
2. TYPE 2 SHALL BE USED FOR PVC & D.I. PIPES UNLESS ROCK IS ENCOUNTERED OR OVER EXCAVATION OCCURS, IN WHICH CASE 6" MIN. OF GRANULAR CRUSHED STONE SHALL BE USED AS BEDDING.
3. TYPE 2 BEDDING SHALL BE USED EXCEPT WHERE OTHERWISE NOTED.

PIPE BEDDING AND HAUNCHING DETAILS GRAVITY AND PRESSURE PIPES

N.T.S.

PAY ITEM INDEX

500-3101	Class A Concrete	50	CY
600-0001	Flowable Fill	70	CY
611-8140	Adjust Water Valve Box to Grade	18	EA
670-0680	Butterfly Valve, 20 In	1	EA
670-1060	Water Main, 6 In, Class 350 Ductile Iron	350	LF
670-1080	Water Main, 8 In, Class 350 Ductile Iron	4520	LF
670-1080	Water Main, 8 In, C-900 DR 25 PVC	300	LF
670-1100	Water Main, 10 In, Class 350 Ductile Iron	20	LF
670-1120	Water Main, 12 In, Class 350 Ductile Iron	250	LF
670-1160	Water Main, 16 In, Class 250 Ductile Iron	40	LF
670-1200	Water Main, 20 In, Class 250 Ductile Iron	485	LF
670-2060	Gate Valve, 6 In	10	EA
670-2080	Gate Valve, 8 In	17	EA
670-3066	Tapping Sleeve & Valve Assembly, 6 In x 6 In	4	EA
670-3087	Tapping Sleeve & Valve Assembly, 8 In x 8 In	8	EA
670-3107	Tapping Sleeve & Valve Assembly, 10 In x 8 In	1	EA
670-3129	Tapping Sleeve & Valve Assembly, 12 In x 12 In	2	EA
670-3170	Tapping Sleeve & Valve Assembly, 16 In x 16 In	2	EA
670-4000	Fire Hydrant	10	EA
670-5010	Water Service Line, 1 In, PE 3408 CTS DR 9 HDPE	750	LF
670-5020	Water Service Line, 2 In, PE 3408 CTS DR 9 HDPE	660	LF
670-7000	Steel Casing (12 In)	90	LF
670-7000	Steel Casing (16 In)	180	LF
670-7000	Steel Casing (18 In)	60	LF
670-8320	Dbl Strap Saddle, 8 In x 1 In	27	EA
670-8340	Dbl Strap Saddle, 8 In x 2 In	5	EA
670-9730	Relocate Exist Water Meter, Incl Box	33	EA
670-9920	Remove Exist Fire Hydrant	8	EA

MISCELLANEOUS DETAILS

GEORGIA REGISTERED PROFESSIONAL ENGINEER MARK GATLIN

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES, DRAINAGE & UTILITIES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ESA - BOUNDARY

GEORGIA DEPARTMENT OF TRANSPORTATION

REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: DISTRICT 3 DESIGN
UTILITY RELOCATION PLANS
MISCELLANEOUS DETAILS
SR 49 DRAINAGE IMPROVEMENTS
COUNTY: PEACH
DRAWING No. 44W-015

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