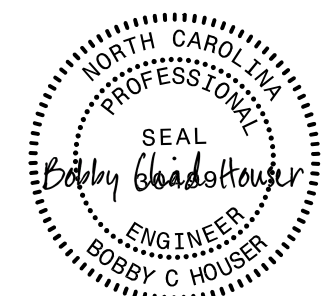



PROJECT REFERENCE NO.	SHEET NO.
U-6036	UC-3A
DESIGNED BY: BCH	
DRAWN BY: KSA	
CHECKED BY:	
APPROVED BY:	
REVISER:	11/21/2023
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	
UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151	UTILITY CONSTRUCTION PLANS ONLY

UTILITY CONSTRUCTION
DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED


INSTALLATION OF PIPE LINE AT CULVERT DETAIL

DATE: _____ REVISIONS: _____ DATE: 07/01/19
SHEET 1 OF 1
STD. No. W-2.18



WATER LINE BACKFILLING

DATE: _____ REVISIONS: _____ DATE: 07/01/19
SHEET 1 OF 1
STD. No. W-2.16

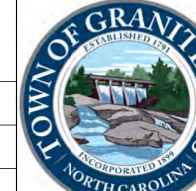


WATER TYPICAL DETAILS

ROADWAY		RAILROAD	
PIPE SIZE (O.D. INCHES)	WALL THICKNESS	PIPE SIZE (O.D. INCHES)	WALL THICKNESS
4 - 12 3/4	0.188	12 3/4 & UNDER	0.188
16 - 24	0.250	16	0.281
30	0.312	24	0.375
36	0.375	30	0.469
42	0.500	36	0.531
48	0.500	42	0.625
		48	0.688

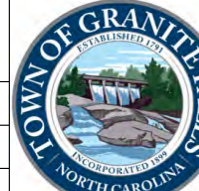
PIPE INSTALLATION IN STEEL ENCASEMENT

DATE: _____ REVISIONS: _____ DATE: 03/07/2017
SHEET 1 OF 1
STD. No. W-2.20



FIRE HYDRANT ASSEMBLY


DATE: _____ REVISIONS: _____ DATE: 07/01/19
SHEET 1 OF 1
STD. No. W-2.10



BRANCH SIZE	NO. OF RODS
4"	2
6"	2
8"	4
12"	4
16"	6
24"	6

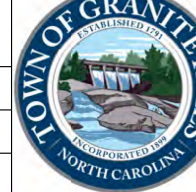
STANDARD VALVE RODDING

DATE: _____ REVISIONS: _____ DATE: 07/01/19
SHEET 1 OF 1
STD. No. W-2.14



VALVE BOX INSTALLATION

DATE: _____ REVISIONS: _____ DATE: 07/01/19
SHEET 1 OF 1
STD. No. W-2.09



FITTING	4"	6"	8"	12"	16"
90° BEND	3	5	7	10	16
D.E. OR TEE	2	3	5	8	11
45° OR LESS	1	2	4	6	8

THRUST BLOCK FOR HORIZONTAL PIPE BENDS

DATE: _____ REVISIONS: _____ DATE: 07/01/19
SHEET 1 OF 1
STD. No. W-2.15

