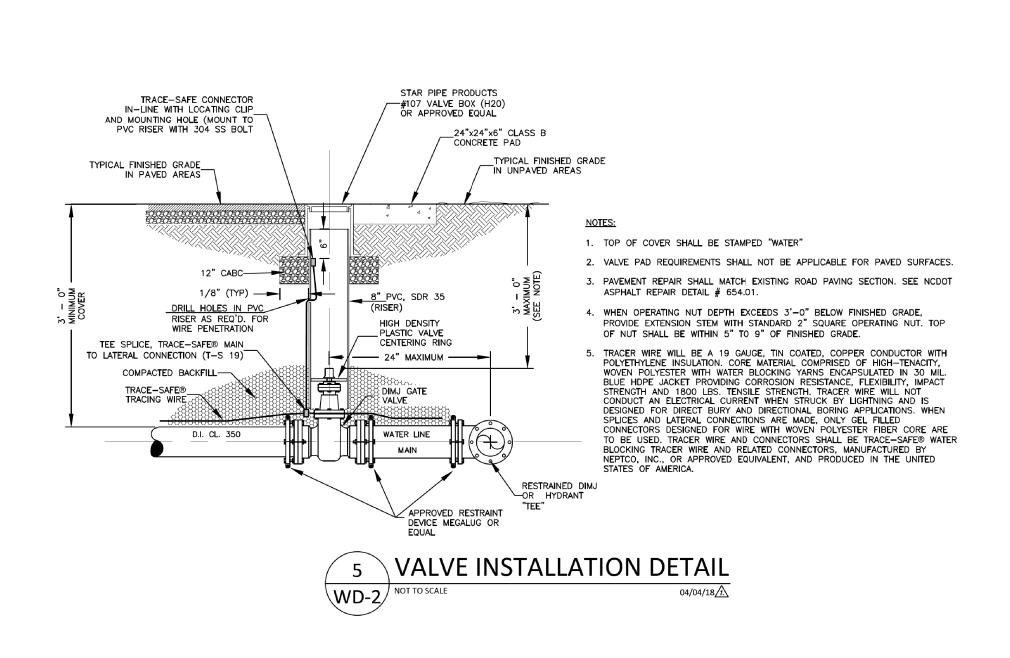
## OWNER TYPICAL DETAILS



**DOCUMENT NOT CONSIDERED FINAL** UNLESS ALL SIGNATURES COMPLETED

PROJECT REFERENCE NO. SHEET NO. U-5840 UC-3E DESIGNED BY: CTH CTH DRAWN BY: andrew & Elbante ASV CHECKED BY: APPROVED BY: XMD SEAL 025221 REVISED: NORTH CAROLINA DEPARTMENT OF TRANSPORTATION UTILITIES ENGINEERING SEC. PHONE: (919)707-6690 UTILITY CONSTRUCTION FAX: (919)250-4151 PLANS ONLY





BRASS NIPPLE BALL VALVE INSIDE BOX EITHER HORIZONTAL OR VERTICAL

> BRASS NIPPLE-ADAPTOR—

INSTALLATION

WD-2 NOT TO SCALE

PIPE AND FITTINGS SIZE SHALL MATCH THE SIZE OF THE PROPOSED AIR RELEASE VALVE TO BE INSTALLED.

2. LOCATION TO BE THE SAME AS METER BOX DETAILS.

3. TRACER WIRE NOT SHOWN FOR CLARITY.
TRACER WIRE SHALL BE CONNECTED TO
WATER MAIN TRACER USING CONNECTORS
APPROVED BY THE MANUFACTURERS.
(SEE VALVE BOX INSTALLATION)

STANDARD AIR RELEASE VALVE

FINISHED GRADE-

UNDISTURBED EARTH-

FORD F1000-NL\_\_ CORPORATION STOP

SMITH BLAIR 313 DOUBLE BALE SERVICE SADDLE W/ 304 STAINLESS— STEEL BALE, NUTS AND WASHERS

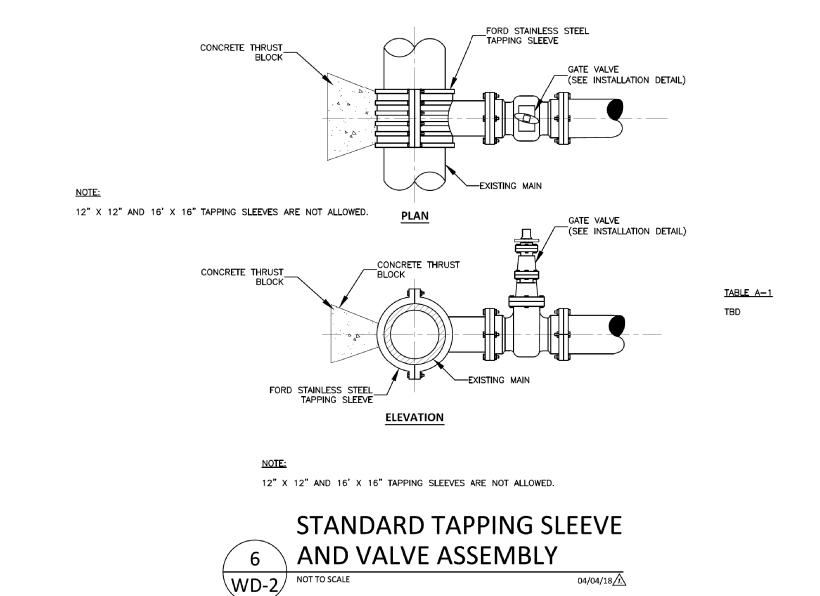
THE STANDARD WATER DETAILS ARE FOR THE SOLE USE OF PROJECTS DIRECTLY FOR, OR THOSE PROJECTS IN WHICH OWNERSHIP WILL BE TRANSFERRED TO THE CITY OF HENDERSONVILLE. THESE TYPICALS ARE INTENDED TO SHOW THE CITY OF HENDERSONVILLE'S EXPECTATIONS FOR THE GENERAL LAYOUT, ARRANGEMENT, AND THE QUALITY OF EQUIPMENT AND MATERIALS FOR WATER DISTRIBUTION SYSTEM ITEMS AND THEIR RELATED APPURTENANCES. IT REMAINS THE SOLE RESPONSIBLE CHARGE (ERC) OF EACH APPLICATION TO DETERMINE, DESIGN TO, AND CERTIFY TO THE DESIGN PARAMETERS FOR EACH INSTALLATION. THE ERC MUST ALSO ENSURE THE DESIGN COMPLIES WITH THE MINIMUM DESIGN CRITERIA OF NC DIVISION OF ENVIRONMENTAL QUALITY AND ALL LOCAL AND STATE LAWS AND REGULATIONS.

1' FLEXIBLE SERVICE PIPE\_ CROSS-LINKED POLYETHYLENE PEXG

MBX-5A METER BOX AND LID
—LID IS NOT TO HAVE
HOLE IN TOP.

A.R.I. D-040 1" COMBINATION AIR VALVE

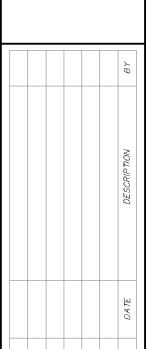
\_\_\_\_24" WASHED STONE UNDER AIR RELEASE VALVE BOX



METER SIZE	METER BOX SIZE	METER BOX	STRAIGHT BALL SERVICE VALVE	STRAIGHT DUAL CARTRIDGE CHECK VALVE
3/4" *	3/4"	FORD CB111-233-NL	FORD B81-233W-NL	HHC81-333-NL
1 "	1"	FORD CB111-444-L-T-NL	FORD B81-344W-NL	HHC81-444-NL
EQUIRES REDU	ICER L84—34G NL  —FINISHED G	DADE (DEPENDI	METER BOX	2' OFF R/W OR EASEMENT MUST NOT BE LOCATED IN DITCH OR ON SLOPE
<b>₹</b> ₩	FINISHED G	SIDE DRAINAGE	16 MIN COVER	BW BW
3' MIN COVER	FORD F1000- CORPORATION	-NL STOP	6"-#57 WASHED STONE UNDER METER BOX	STRAIGHT BALL SERVICE VALVE (DEPENDENT ON METER SIZE—SEE TAE IN 6" NDS ROUND BOX W/OVERLAPPI PLASTIC COVER ( PART # 107BCW) HEIGHT ADJUSTED WIDTH 6" PVC PIPE
	SERVICE SADDLE		KED POLYETHYLENE PEXa	
NOTES:	ITY OF HENDERSONVIL	LE SHALL INSTALL WATER METERS.		STRAIGHT DUAL CARTRIDGE CHECK VALVE (DEPENDENT ON METER SIZE—SEE TABLE)
		LED NOR WATER SERVICE PROVIDE M IS ISSUED BY THE CITY.	D, UNTIL A WRITTEN FINAL	
WILL E MATER ENCAP IMPAC' ELECTII DIRECT GEL F USED. CLIP, CONNE CONNE	BE A 19 GAUGE, TIN IAL COMPRISED OF HI IAL COMPRISED OF HI F STRENGTH AND 180 RICAL CURRENT WHEN RICHAL BORING APPLIC ILLED CONNECTORS D TRACER WIRE SHALL MOUNTED A MAXIMUM ECTORS SHALL BE TR/	COATED, COPPER CONDUCTOR WITH GH-TENACITY, WOVEN POLYESTER NOBLUE HDPE JACKET; PROVIDING COOL BS. TENSILE STRENGTH. TRACEF STRUCK BY LIGHTNING AND IS DE CATIONS. WHEN SPLICES AND LATER ESIGNAL FOR WIRE WITH WOVEN POR BE TERMINATED IN METER BOX AT OF 3" FROM TOP OF BOX WITH 3 ACE—SAFE® WATER BLOCKING TRACED BY NEPTCO, INC., OR EQUIVALE	IRROSION RESISTANCE, FLEXIBILITY, R WIRE WILL NOT CONDUCT AN SIGNED FOR DIRECT BURY AND PAL CONNECTIONS ARE MADE, ONLY OLYESTER FIBER CORE ARE TO BE MOUNTED TRACE—SAFE® LOCATING 504 SS BOLT. TRACER WIRE AND ER WIRE AND RELATED	
		IM SERVICE LI	NE: 1" SERVICE	LATERAL INSTALLATION
\WD-2/	NOT TO SCALE			02/16,



1847				
CITY OF HENDERSONVILLE, NC "The City of Four Seasons"	City of Hendersonville Engineering Department 305 Williams Street Hendersonville, NC 28792 (828) 697-3000 (office) (828) 697-3066 (fax)			
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DATE: MARCH 23, 2018 PROJECT NO.:

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