## PROJECT TYPICAL DETAILS

GROUND OR STREET SURFACE

COMBINATION AIR/VACUUM — RELEASE VALVE AS DETAILED

IN SPECIFICATIONS (SEE NOTE)

S.S. TAPERED COUPLING -

S.S. BALL VALVE -

OR S.S. CORP. STOP

AND S.S. BODY

WATER MAIN-

	,@@@),	<b>D</b> 1	2610 WYCLIFF ROAD SUITE 410		NO.	SHEET NO.	
		Dewberry	SUITE 410 RALEIGH, NC 27607 PHONE: 919.881.9939 NC COA No. F-0929	1-5898		UC-3E	
				DESIGNED BY: EPH		MINIMINI,	
				DRAWN BY: TLK		CAROLINA OFESSION TO THE SELECTION OF TH	
				CHECKED BY: EPH	1 2 8	OFESSION POR	
				approved by: BWK	I – ©		
				REVISED:		BENJamin N. Eosli	
- MANHOLE FRAME & COVER				NORTH CAROLINA DEPARTMENT OF TRANSPORTATION		NGINE GO	
					11/7/202	25 '''''	

TO BE MODEL 710-DP BY

U.S. FOUNDRY & MFG. CORP.

OR ENGR. APPROVED EQUAL

ADDITIONAL SECTION OR SPACERS AS REQUIRED

- REINFORCED

CONCRETE

1'-0" GRAVEL TO TOP OF

BEDDING

MAIN

✓ PLACE CONC. BLOCK ASTM C-139, OR POUR
12" x 8" CONC. RING FOOTING TO SUPPORT
CHAMBER, BUT LEAVE OPENING BELOW PIPE.
FILL SPACE INSIDE RING W/ CLEAN GRAVEL
FOR DRAINAGE. ELIMINATE CONC. FOOTING IF

SOLID ROCK IS ENCOUNTERED.

1. PROVIDE BASKWASH ACCESSORIES ASSEMBLED TO VALVE CONSISTING OF A 90° EL., A SHUT OFF VALVE, CLEARWATER INLET VALVE,

RELEASE VALVES AND PERTINENT EQUIPMENT AS REQUIRED BY MFR.

RUBBER SUPPLY HOSE AND QUICK DISCONNECT COUPLINGS.

2. OWNER IS RESPONSIBLE FOR ROUTINE MAINTENANCE ON AIR

BASE SECTION

NCDOT NO. 57 STONE

-4" GRAVEL BASE NCDOT NO. 57

UTTI	TTY	CONSTRUCTIO

UTILITY CONSTRUCTION

PLANS ONLY

UTILITIES ENGINEERING SEC. PHONE: (919)707-6690 FAX: (919)250-4151

USE 6"-90" BEND VALUE FOR HYDRANTS FOR ADDITIONAL SAFETY.  C
THE THRUST VECTOR. FOR HYDRANTS FOR ADDITIONAL SAFETY.
THE THRUST VECTOR.
ADE IN COUNDE EEEI WEACHDED IN A NEDITON
BASED ON TEST PRESSURE OF 150
30144 8 FT <sup>2</sup> 15 2 4 4
42624 11 FT 2 22 3 6 6
23090 6 FT 2 12 2 3 3
11756 3 FT 8 6 1 2 1
5775 2 FT 2 3 1 1 1
16956 4 FT² 9 1 2 2
23976 6 FT <sup>2</sup> 12 2 3 3
12988 3 FT ? 1 2 2
6612 2 FT 2 4 1 1 1
3248 1 FT 2 1 1 1
7536 2 FT <sup>2</sup> 4 1 1 1
10656 3 FT <sup>2</sup> 6 1 2 2
5773 2 FT 2 3 1 1 1
2939 1 FT <sup>2</sup> 2 1 1 1
1444 1 FT2 1 1 1 1
4239 1 FT 2 1 1 1 1
5994 2 FT <sup>2</sup> 3 1 1 1
3247 1 FT 2 1 1 1
1653 1 FT <sup>2</sup> 1 1 1
812 1 FT 2 1 1 1 1

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COMBINATION AIR/VACUUM
RELEASE VALVE DETAIL
NOT TO SCALE

BLOCKING—

TAPPING VALVE WITH VALVE BEX

NOTE: TAPPING SLEEVE SHALL BE TYPE 316 STAINLESS STEEL SLEEVE TYPE.

TAPPING SLEEVE AND VALVE

ASSEMBLY

NOT TO SCALE