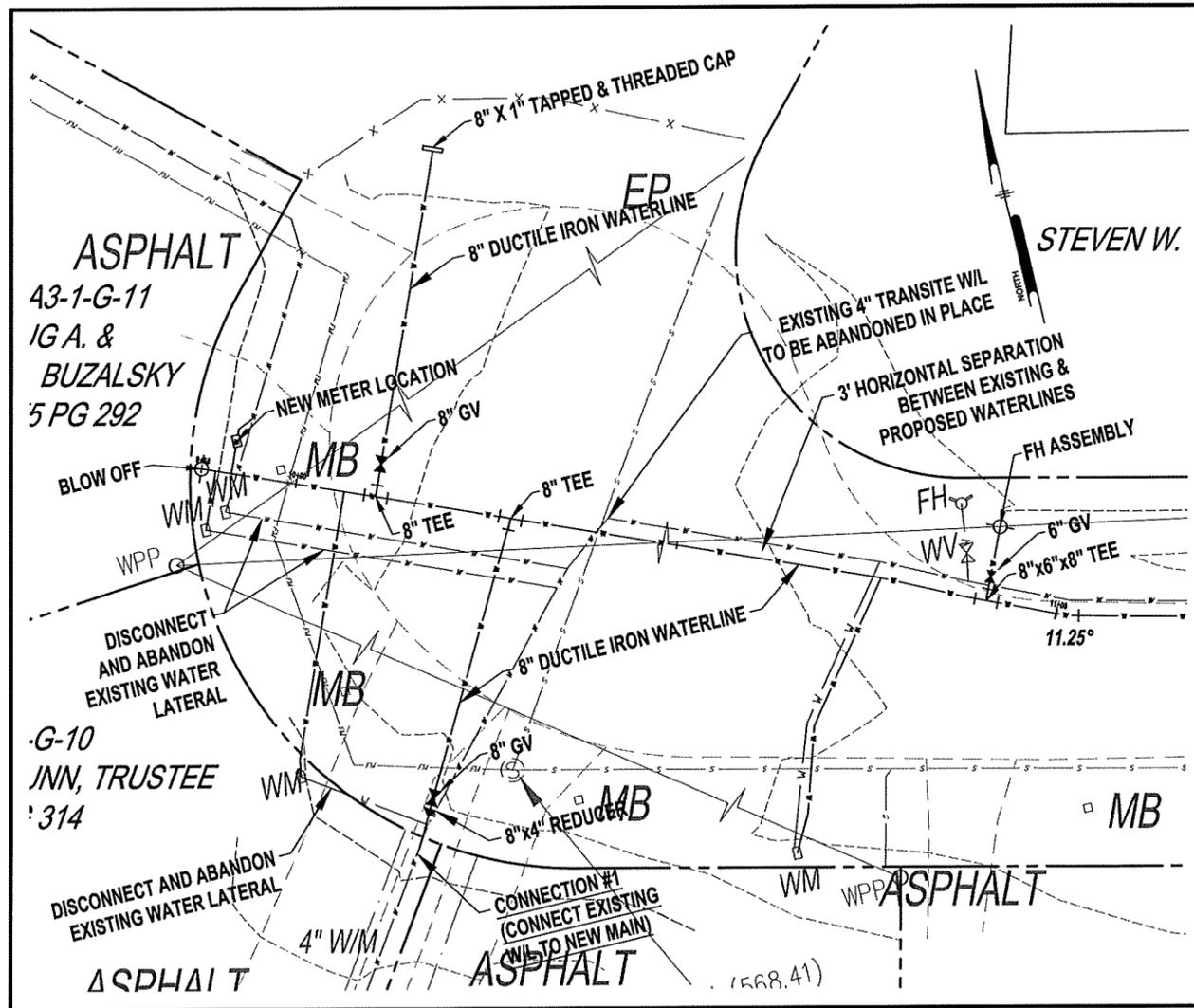


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PENNONI ASSOCIATES INC.
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 Winchester, VA 22601
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ALL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR BEFORE PROCEEDING WITH WORK. PENNONI ASSOCIATES INC. SHALL NOT BE RESPONSIBLE FOR ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK.

BEL VOI WATER LINE
 UTILITY IMPROVEMENTS PROJECT - 2024

BEL VOI CUL-DE-SAC | BATTLETOWN DR. & BEL VOI INTERSECTION
 DISTRICT OF BERRYVILLE

DETAILS

TOWN OF BERRYVILLE, VIRGINIA
 91 CHALMERS COURT, SUITE A | BERRYVILLE, VA 22811

NO.	DATE	REVISIONS	BY

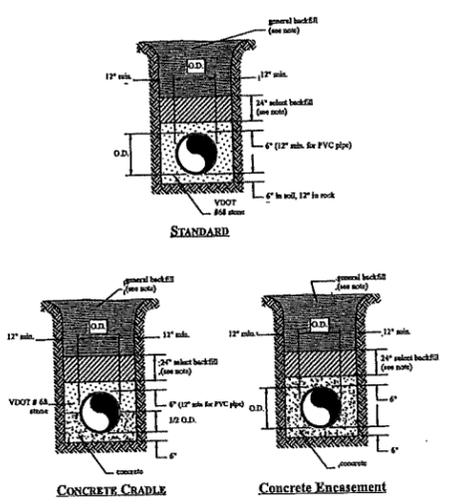
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PROJECT	TBVLL21007
DATE	04-30-2024
DRAWING SCALE	AS NOTED
DRAWN BY	RAS
APPROVED BY	DLF

CS5500

TOTAL SHEETS 5

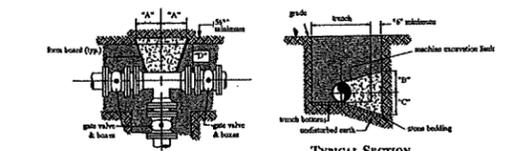
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NOTE: Backfill to be compacted to at least 95% of maximum dry density per ASTM D698 placed in maximum eight (8) inch lifts.

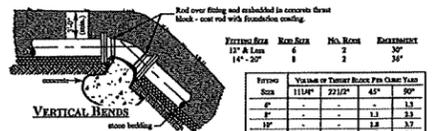
TRENCH & BEDDING
Figure 1

Town of Berryville
Water and Sewer Construction Standards and Specifications 2015



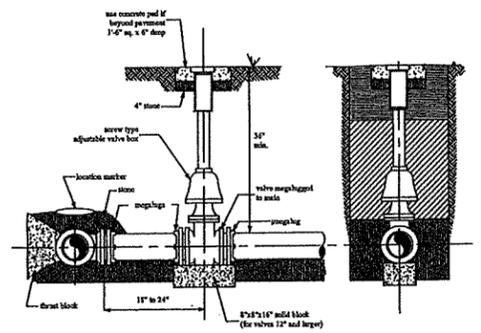
CONCRETE DIMENSIONS FOR HORIZONTAL THRUST BLOCKS

Pipe Dia.	Flange W/ve A	Flange W/ve B	11/4 thru 13/4 Bends	45 thru 90 Bends
6"	2'-4"	2'-0"	1'-0"	1'-0"
8"	2'-4"	2'-0"	1'-0"	1'-0"
10"	2'-4"	2'-0"	1'-0"	1'-0"
12"	2'-4"	2'-0"	1'-0"	1'-0"
14"	2'-4"	2'-0"	1'-0"	1'-0"
16"	2'-4"	2'-0"	1'-0"	1'-0"
18"	2'-4"	2'-0"	1'-0"	1'-0"
20"	2'-4"	2'-0"	1'-0"	1'-0"



CONCRETE THRUST BLOCKING
Figure 2

Town of Berryville
Water and Sewer Construction Standards and Specifications 2015

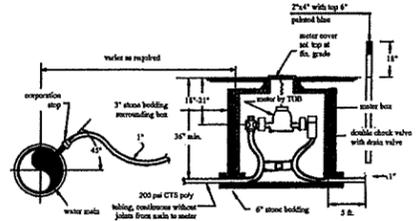


GATE VALVE
Figure 8

Town of Berryville
Water and Sewer Construction Standards and Specifications 2015

METER BOX & COVER

Meter Size	Meter Box	Meter Box Cover
5/8" x 3/4" or 3/4"	11 in DIA.	No Thistle MC24 (2mm) WITH EAG-1-7 (Fig 11A)
1"	14 in DIA.	No Thistle MC24 (2mm) WITH EAG-1-7 (Fig 11A)



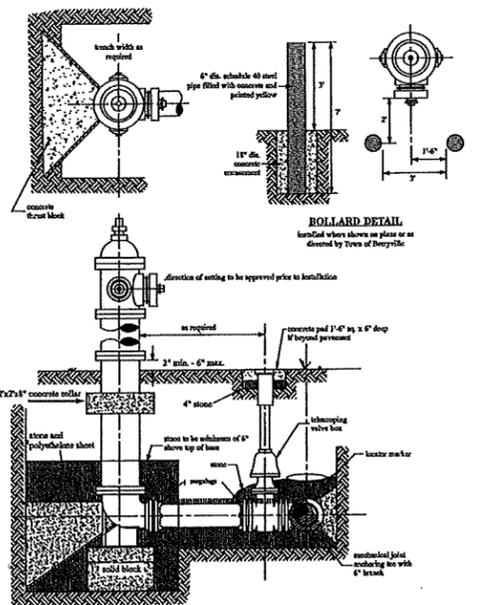
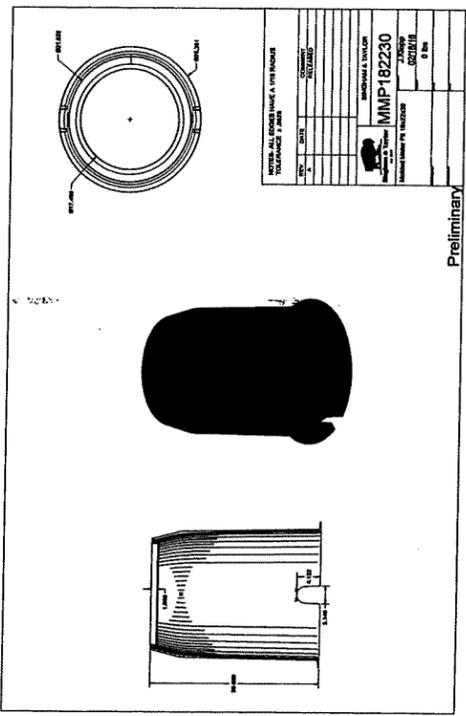
METER SETTING PARTS

Flange Dia.	Meter Size	Part
3/4"	5/8" x 3/4" (20 mm)	Y81C 11 15W 4431
1"	5/8" x 3/4" (20 mm)	Y81C 11 15W 4440A1
1"	3/4" (20 mm)	Y81C 11 15W 4440A1
1"	1" (25 mm)	Y81C 11 15W 4441

NOTE: Equivalent meter set by other manufacturer may be handled with prior approval of the Director of Public Works.

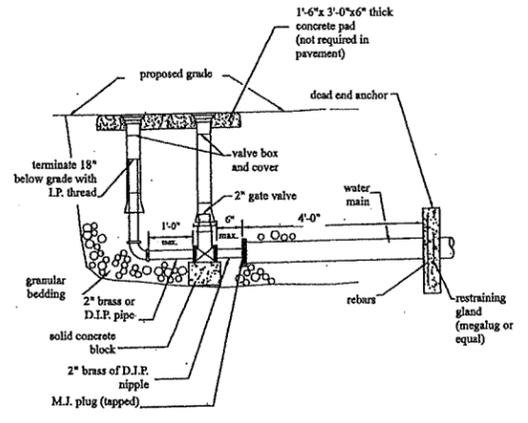
5/8" x 3/4", 3/4" & 1" Meter Installation
Figure 5

Town of Berryville
Water and Sewer Construction Standards and Specifications 2015



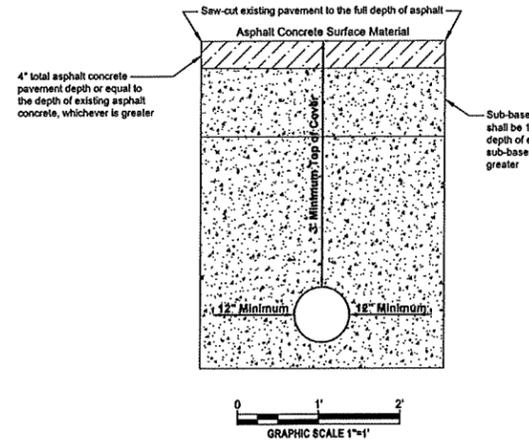
FIRE HYDRANT ASSEMBLY
Figure 9

Town of Berryville
Water and Sewer Construction Standards and Specifications 2015

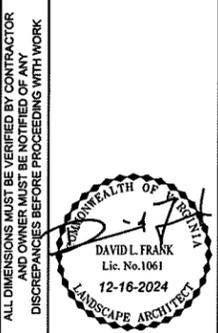


TEMPORARY BLOW OFF
Figure 10

Town of Berryville
Water and Sewer Construction Standards and Specifications 2015



Asphalt Pavement Restoration Detail for Open Cut Utility Installations



BEL VOI WATER LINE
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DISTRICT OF BERRYVILLE
DETAILS
TOWN OF BERRYVILLE, VIRGINIA
181 DALLMERS COURT, SUITE A | BERRYVILLE, VA 22811

NO.	DATE	REVISIONS	BY

PROJECT: **TBVLL21007**
DATE: **08-30-2024**
DRAWING SCALE: **AS NOTED**
DRAWN BY: **RAS**
APPROVED BY: **09-24-2024**

CS5501
TOTAL SHEETS 5

NOT FOR BID OR CONSTRUCTION