12" 12" □- VALVE MARKER PER **SPECIFICATIONS** 2'-0" DIA. PROTECTOR PROTECTOR RING FIN. GRADE RING-LOCATOR PIN MARK "WATER" OR "SEWER" AS <u>Plan</u> REQ'D. MECHANICAL CAST IRON VALVE BOX JOINT VALVE w/EXTENSIONS AS REQ'D. 2 PIECE, HDPE VALVE BOX ALIGNMENT DEVICE; BOXLOK AS MANUF. BY EMMA SALES OR APPROVED EQUAL.

1. USE PRECAST CONC. PROTECTOR RING w/INTEGRAL COPPER LOCATOR PIN, AS MANUF. BY ROSS CONSTRUCTION OR APPROVED EQUAL, FOR VALVES OUTSIDE PAVED AREAS.

- 2. PLACE GROUT IN SPACE BETWEEN CONCRETE PAD AND VALVE BOX.
- 3. VALVES IN ROADWAY DO <u>NOT</u> REQUIRE A CONCRETE PAD OR MARKER.
- 4. VALVES SHALL BE RESTRAINED WITH MEGALUG TYPE RESTRAINT SYSTEM.

1. SET HYDRANT 12' TO 15' OFF EDGE OF

2. CAP AND BLOCK TEE FOR END OF LINE

PAVEMENT (MIN.).

APPLICATIONS.

18" MIN. ANCHORING COUPLING,

CLOW MODEL NO. F-1211MJ OR

APPROVED EQUAL. COUPLING ENDS

SHALL BE ANCHORING/ANCHORING,

UNLESS OTHERWISE DIRECTED BY

- CLASS C" CONC.

THRUST BLOCK

## WATER VALVE (ALL SIZES) INSTALLATION

MAIN LINE

8" AND LARGER

CONC. BASE FOR VALVES

FLUSH/AIR RELEASE HYDRANT MUELLER SUPER CENTURION 250

MODEL A-421 (OR APPROVED EQUAL)

-MJ SHOE

UNIT PRICE BID ON ALL BLOW-OFF

HYDRANTS SHALL INCLUDE ALL

OF THE ABOVE APPURTENANCES

SECTION

HYDRANT ASSEMBLY

NOT TO SCALE

- VALVE BOX - SEE

ON THIS SHEET.

VALVE SETTING DETAIL

□ VALVE MARKER PER SPECIFICATIONS

THE ENGINEER.

- MJ TEE

6" MIN. (TYP.)

FIN. GRADE —

6 CU. FT. D.O.T. #67 ─

OR 1/2" GRADED"

CLASS "C" CONC.

PROVIDE WEEP HOLES

IN CONC. SO HYDRANT

THRUST BLOCK

STONE ONLY

CAN DRAIN.

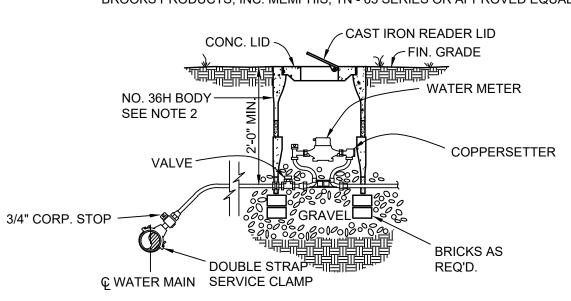
NOT TO SCALE

1. SEAL SLOTS IN METER BOX W/NON-SHRINK GROUT.

2. 10"x17" CONC. METER BOX - AS MANUF. BY BROOKS PRODUCTS, INC. MEMPHIS, TN - 36 SERIES OR APPROVED EQUAL. USE EXTENSIONS AS

3. WHERE PRESSURE REGULATOR IS REQUIRED USE FORD TANDEM SETTER WITH METER BOX SIZED TO FIT.

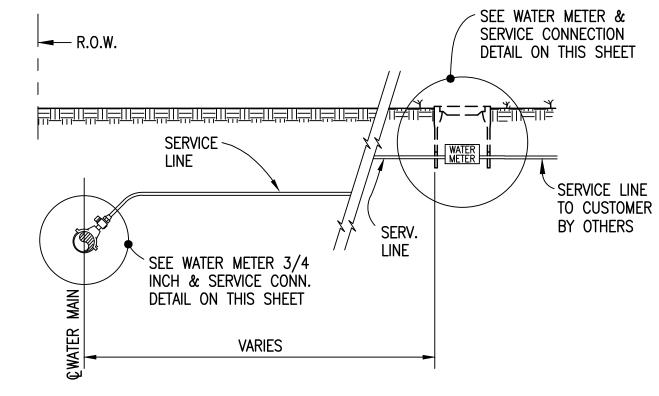
4. FOR 1" AND LARGER METERS USE 17"X 28" METER BOX - AS MANUF. BY BROOKS PRODUCTS, INC. MEMPHIS, TN - 65 SERIES OR APPROVED EQUAL



WATER METER - 3/4 INCH W/SERVICE CONNECTION NOT TO SCALE

NOTES:

- 1. METER BOX INSTALLATION AND APPURTENANCES
- 2. WATER MAIN CONNECTION AND APPURTENANCES



TYPE "A" SERVICE CONNECTION - LINE SIDE

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CONSTRUCTION COMPANY: MARBURY CONSTRUCTION, LL

BRW ENGINEERS, INC. HAS ATTEMPTED TO VERIFY THE ACCURACY AND/OR COMPLETENESS OF THIS INFORMATION BU

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ENGINEER/ARCHITECT: JAMES W. HILBORN, IV

www.grwinc.com

DATE: 7/14/2021

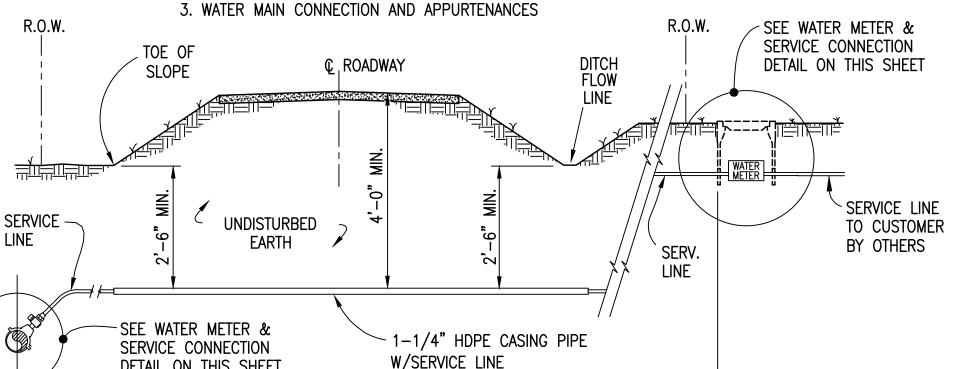
NOT TO SCALE

NOTES:

DETAIL ON THIS SHEET

LINE

- 1. METER BOX INSTALLATION AND APPURTENANCES
- 2. DIRECTIONAL BORE UNDER ROADWAY W/HDPE CASING PIPE AND HDPE SERVICE LINE



TYPE "B" SERVICE CONNECTION UNDER ROADWAY NOT TO SCALE

VARIES

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PROJECT NO.

68001-3251-14

PERRY CO.

NO.

U2-16

TYPE

CONST.

S.R. 13

YEAR





CITY OF LOBELVILLE S.R. 13 WATER RELOCATIONS

WATER STANDARD WATER LINE

CONSTRUCTION DETAILS

NOT TO SCALE

This document, originally issued, sealed and signed by James W. Hilborn, IV, Tennessee Professional Engineer No. 16514, on July 11, 2019, shall not be used in lieu of a certified document.

