NOTES:
1. REFER TO STANDARD DRAWINGS OF MANHOLES FOR DETAILS PERTAINING TO MANHOLES ONLY.
2. THE TOP ONE-HALF DIAMETER OF THE PIPE IS TO BE BROKEN OUT TO A NEAT LINE. BROKEN EDGES SHALL BE PLASTERED SMOOTH WITH CEMENT MORTAR.
3. THE MAXIMUM NUMBER OF PRIVATE LOWER SEWER SERVICE LATERALS INTO A TERMINUS MANHOLE SHALL BE LIMITED TO SIX.
4. MANHOLE STEP (ONE STEP ONLY) SHALL BE EITHER CAST IN PLACE OR M.A. INDUSTRIES STEEL REINFORCED COPOLYMER POLYPROPYLENE PLASTIC DRIVE-IN STEP. INSTALLATION TO BE BY MANHOLE MANUFACTURER. STEP ORIENTED 180° FROM MANHOLE OUTLET. STEP SHALL BE CAST IN PLACE TO BE USED AS CLEANING HOOK AND SHALL BE PLACED 6" MIN AND 12" MAX FROM TOP OF SHELF.

PLAN VIEW
TERMINUS MANHOLE
WITH HOUSE LATERALS

PRIVATE LOWER SEWER
SERVICE LATERALS

PRIVATE LOWER SEWER
SERVICE LATERALS

ALL LATERALS MUST BE PLACED UPSTREAM OF CENTER LINE OF MANHOLE

LOCATION OF MANHOLE COVER

A

PRIVATE LOWER SEWER
SERVICE LATERALS

PRIVATE LOWER SEWER
SERVICE LATERALS

FLOWS

SECTION "A"-"A"

MIN. DIA. + O.D. OF MANHOLE RINGS +4"

LEVEL LINE

Cement Mortar

ONE STEP ONLY
SEE NOTE 4 & DETAIL RIGHT

13" MIN

48" I.D.

12" MAX

6" MIN

5" MAX

3"

13"

ONE STEP ONLY
SEE NOTE 4 & DETAIL RIGHT

MANHOLE STEP DETAILS
USED AS CLEANING HOOK
(ONE STEP ONLY, SEE NOTE 4)

EMWD
EASTERN MUNICIPAL WATER DISTRICT
TERMINUS MANHOLE WITH PRIVATE LOWER SEWER SERVICE LATERALS

REVISIONS
NO. DATE INITIAL
7/7/21 GS
6/28/19 GS
6/2/06 RE
2/3/99 GR

DESCRIPTION
REVISED MANHOLE STEP DETAILS AND ADDED NOTE #4
UPDATED FONT, TITLE BLOCK, ADDED PRIVATE SEWER SERVICE, AND NOTE NUMBER 3
REVISED #3 NOTE & LEVEL LINE A-5
REDRAWN WITH CAD ON MYLAR

APPROVED

ACCOUNT
DATE
7/7/21
6/28/19
6/2/0
6/2/06

DESIGN
CONSTRUCTION
INSPECTION
OPERATIONS

DATE
7/7/21
6/28/19
6/2/0
6/2/06

EASTERN MUNICIPAL WATER DISTRICT

FILE I.D.:  vexfa1ngstd.dwg\SB-58.dgn
DRAWN BY: GS

RECOMMENDED.

DIRECTOR OF ENGINEERING

APPROVED James H. Banta Jr. 5/15/86
ASSISTANT GENERAL MANAGER

REFERENCES:

SCALE: NONE

DATE: 5/15/86

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