NOTES

1. PRECAST REINFORCED CONCRETE MANHOLES SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF ASTM C-478 AND:
   A. SHALL BE DESIGNED FOR ASHDO H-20 Loading.
   B. CONCRETE SHALL BE COMPACTLY VIBRATED, CENTRIFUGALLY SPUN, OR MECHANICALLY TAMPED.
2. SEWER MAINS ARE TO BE LAYED THRU THE MANHOLE WHERE POSSIBLE AND USED AS A FORM FOR THE INVERT. THE TOP 1/2 DIAMETER OF THE PIPE IS TO BE BROKEN OUT TO A NEAT LINE.
3. BROKERED EDGES SHALL BE PLASTERED SMOOTH WITH CEMENT MORTAR
4. CONCRETE BASE SHALL BE OF CLASS "A", CONCRETE AND PLACED IN ONE OPERATION. CONCRETE INVERTS SHALL BE TO GRADE AND ALIGNMENT AND FINISHED WITH A SMOOTH SURFACE. SPECIAL CARE SHALL BE USED IN FORMING ALL CHANNELS TO FACILITATE THE FLOW OF SEWAGE.
5. ALL MANHOLE TOPS SHALL BE INSTALLED WITH THE MANHOLE COVER OVER THE UPSTREAM INLET, EXCEPT AS OTHERWISE SPECIFIED.
6. SEE DRAWING SB-61 FOR DETAILS AND INSTALLATION OF MANHOLE COVER AND FRAME.
7. CONTRACTOR TO USE MANHOLES WITH A 24" CLEAR OPENING FOR SEWERS 24" DIA AND SMALLER AND 36" CLEAR OPENING FOR SEWERS LARGER THAN 24" DIA UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
8. STANDARD 48" & 60" MANHOLES AS SHOWN HEREIN ARE TO BE INSTALLED WHEN DEPTH TO PIPE SHELF IS GREATER THAN 5' FROM FINISHED STREET GRADE.
9. DIMENSIONS PERTAINING TO 60" ID REINFORCED MANHOLES SHOWN IN PARENTHESES (()).
10. JOINT SHALL BE 3/8" THICK CEMENT MORTAR NEATLY STRUCK AND POINTED OR PREFORMED COLD-APPLIED READY-TO-USE PLASTIC JOINT SEALING COMPOUND AND PRIMER.
11. ALL MATERIALS TO BE PER CHWG APPROVED MATERIALS LIST.

REVISIONS

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REFERENCES:
SUPERCEDES B-XXX

FILE I.D.: Vaalhunger/dwg/dwg185b-53.dgn
DRAWN BY: KER

EASTERN MUNICIPAL WATER DISTRICT
STANDARD DRAWING

PRECAST REINFORCED CONCRETE STANDARD
48" & 60" I.D. MANHOLE

APPROVED
DOYLE A. BROWN
ASSISTANT GENERAL MANAGER
DATE: 6/6/7

SB-53