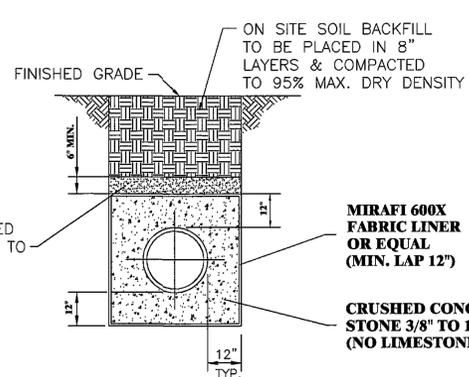
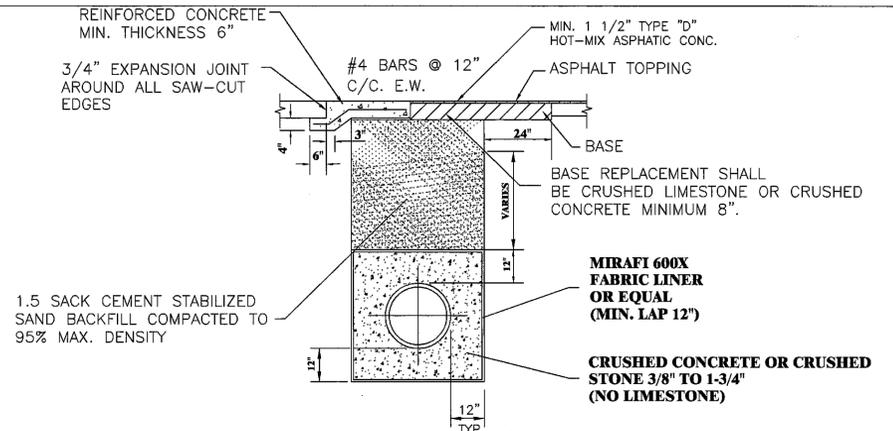


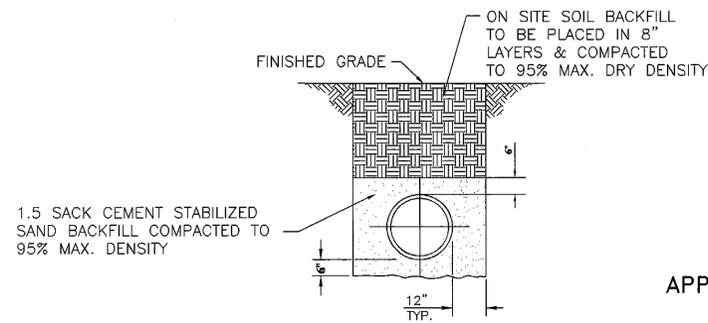
STORM SEWER PIPE BEDDING DETAIL UNDER PAVEMENT



STORM SEWER IN WET SAND NOT UNDER PAVEMENT



STORM SEWER BEDDING AND BACKFILL FOR WET SAND UNDER PAVEMENT



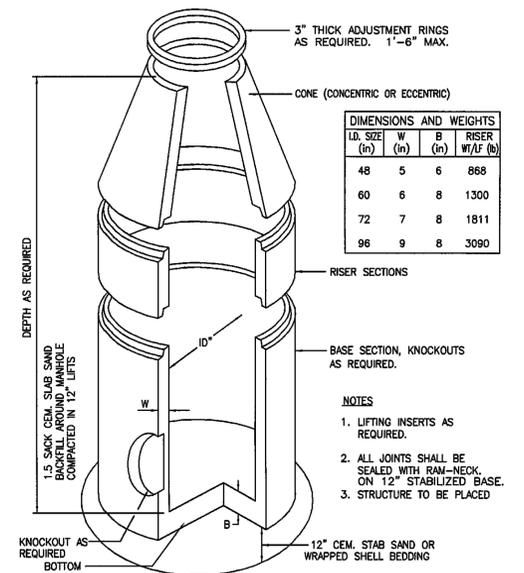
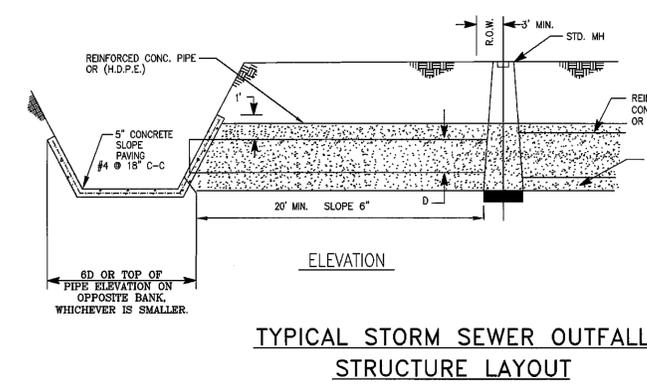
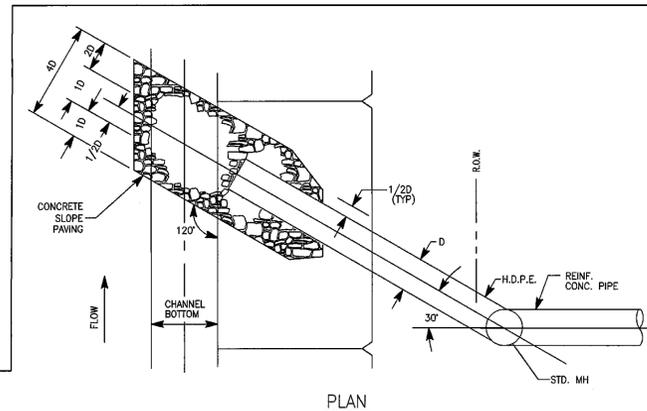
APPROVED STORM SEWER MATERIALS UNDER PAVEMENT

1. CONCRETE BELL & SPIGOT PIPE (RUBBER GASKET)

APPROVED STORM SEWER MATERIALS NOT UNDER PAVEMENT

1. CONCRETE BELL & SPIGOT PIPE (RUBBER GASKET)
2. H.D.P.E. - SOIL TIGHT JOINT

PIPE BEDDING DETAIL NOT UNDER PAVEMENT



NOTES

1. LIFTING INSERTS AS REQUIRED.
2. ALL JOINTS SHALL BE SEALED WITH RAM-NECK, ON 12" STABILIZED BASE.
3. STRUCTURE TO BE PLACED

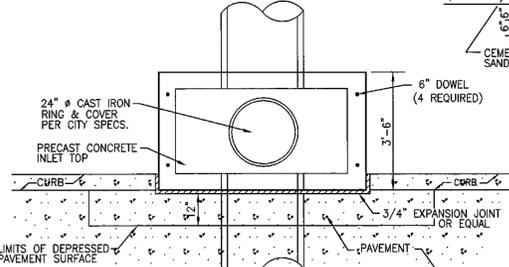
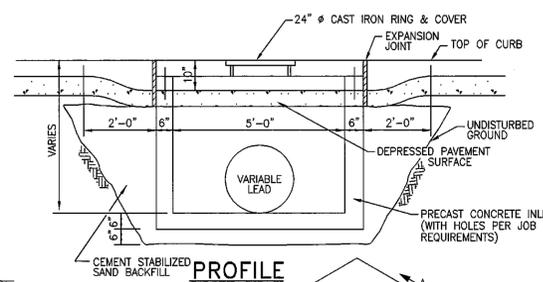
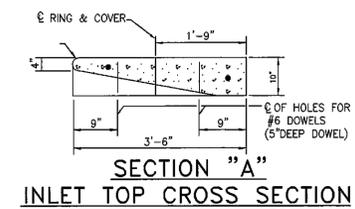
SPECIFICATIONS:

CONCRETE: CLASS 1 CONCRETE WITH A DESIGN STRENGTH OF 4500 PSI AT 28 DAYS. RATES FOR H-20 LOADING.

REINFORCEMENT: STRUCTURAL REINFORCEMENT CONFORMING TO ASTM-C-478.

C.I. CASTINGS: CAST IRON FRAMES AND GRATES ARE MANUFACTURED OF GREY CAST IRON CONFORMING TO ASTM A48-78 CLASS 35.

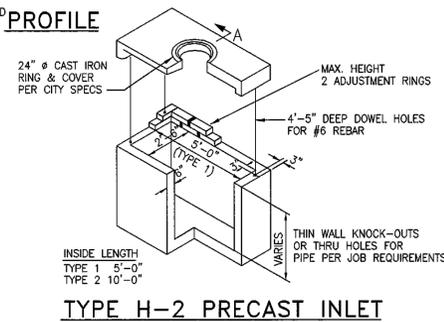
PRECAST CONCRETE MANHOLE



TYPE H-2 INLET PLAN

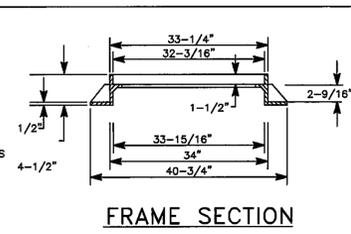
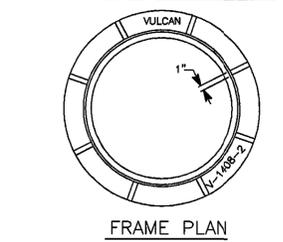
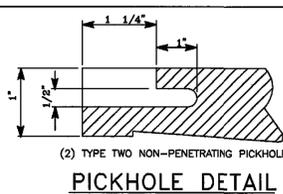
NOTES:

1. INLET WALLS MAY BE EXTENDED USING PRECAST RISER SECTION.
2. INLET TOPS MUST BE SECURED TO THE INLET WALL USING #6 DOWELS DRILLED AND GROUTED A MINIMUM DEPTH OF 5" INTO THE INLET WALL.
3. INLET BACKFILL SHALL BE CEMENT STABILIZED SAND TO THE TOP OF INLET FIRST STAGE.
4. GRADE #0 REINFORCED #4 STEEL REBAR TO CONFORM TO ASTM A615 ON REQUIRED CENTERS OR EQUAL.

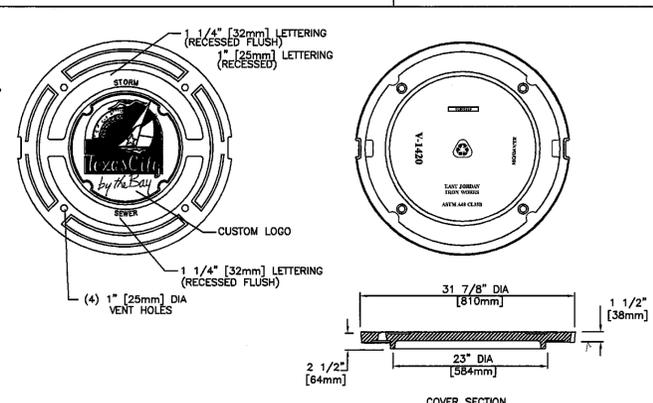


TYPE H-2 PRECAST INLET

NOTE: REFER TO INSTALLATION FOR TYPE H-2 5'-0" CURB INLET ON PAVING DETAIL SHEET



STANDARD TEXAS CITY MANHOLE RING AND COVER



NOTE:

1. ALL STORM SEWER JUNCTION BOX DESIGNS MUST BE SUBMITTED TO THE CITY ENGINEER PRIOR TO CONSTRUCTION.
2. USE 32" ACCESS MANHOLE RING & COVER ON ALL STORM SEWER JUNCTION BOXES.
3. NO BRICK CONSTRUCTION ALLOWED.

