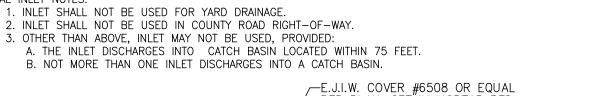
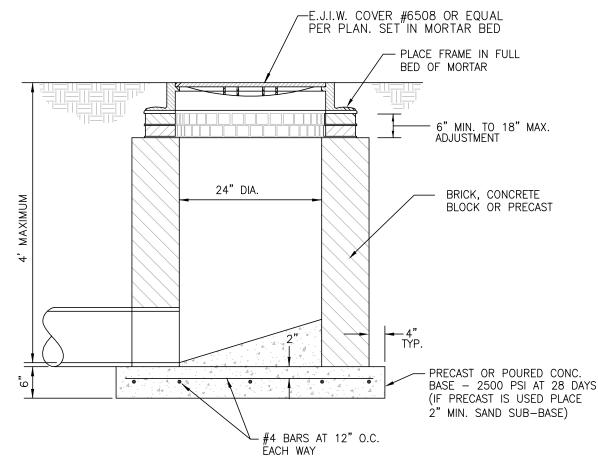


CLASS "B" BEDDING TRENCH DETAIL FOR 24" DIAMETER AND SMALLER PIPE





INLET DETAIL

SPECIAL CATCH BASIN NOTES: 1. DIAMETER OF "YARD" CATCH BASIN MAY BE REDUCED TO 36" PROVIDED THERE IS ONLY ONE (1) PIPE IN THE STRUCTURE AND THE DISTANCE TO THE OUTLET MANHOLE IS LESS THAN 150 FEET.

USE 12" MANHOLE BLOCK

15 FEET.

-CEMENT PLASTER ON

-SUPPORT PIPE TO UNDISTURBED GROUND

WITH 2500 P.S.I.

PRE-CAST CONCRETE

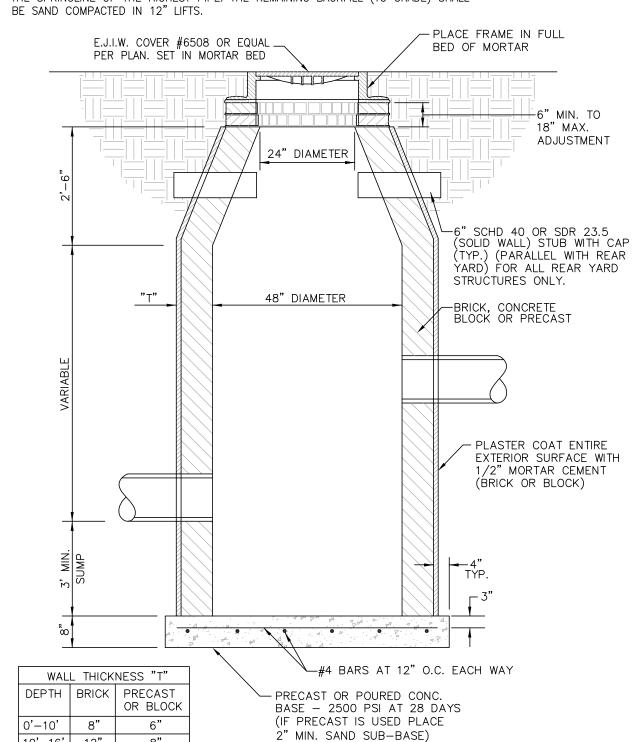
CONCRETE

OUTSIDE OF STRUCTURE

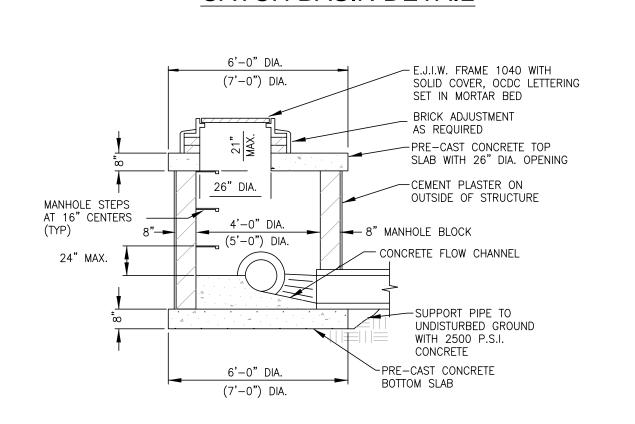
FOR DEPTHS GREATER THAN

2. CATCH BASIN MUST DISCHARGE INTO MANHOLES AND NOT INTO OTHER CATCH BASINS, EXCEPT A. WHERE CATCH BASIN IS A "YARD" TYPE WITH NOT MORE THAN THREE (3) CATCH BASINS DISCHARGING INTO IT. B. WHERE CATCH BASIN IS A "PAVEMENT TYPE" DISCHARGING INTO ANOTHER CATCH BASIN LOCATED WITHIN 75 FEET. 3. STEPS SHALL BE PLACED IN ALL 48" DIAMETER STRUCTURES MORE THAN 4" DEEP.

4. ALL BACKFILL AROUND THE STRUCTURE SHALL BE " TO s" ANGULAR STONE UP TO THE SPRINGLINE OF THE HIGHEST PIPE. THE REMAINING BACKFILL (TO GRADE) SHALL



CATCH BASIN DETAIL



LOW HEAD MANHOLE DETAIL

GENERAL NOTES

- . TYPE AND CLASS OF PIPE SHALL BE AS SPECIFIED ON PLANS.
- . CLASS "B" BEDDING SHALL BE USED THROUGHOUT, UNLESS OTHERWISE
- ALL END SECTIONS 18" AND LARGER SHALL BE PROVIDED WITH A GALVANIZED BAR SCREEN.
- CORRUGATED STEEL PIPE REQUIREMENTS:

SPECIFIED ON THE PLAN.

- CORRUGATED STEEL PIPE SHALL BE PROVIDED CORRESPONDING TO THE DIAMETER OR ARCH SHAPE (RISE AND SPAN) AS SPECIFIED ON THE PLANS.
- GAUGE THICKNESS SHALL BE AS SPECIFIED ON THE PLANS.
- A PAVED INVERT SHALL BE PROVIDED IF SPECIFIED ON THE PLANS.
- ALL CORRUGATED STEEL PIPE SHALL BE GALVANIZED AND COATED WITH BITUMINOUS ASPHALT TO RETARD CORROSION. AS AN ALTERNATE TO THIS REQUIREMENT, AN ALUMINIZED STEEL PIPE, OR APPROVED EQUAL, MAY BE SUBSTITUTED.
- ALL CORRUGATED STEEL PIPE SHALL BE JOINED TOGETHER WITH A WATERTIGHT CIRCUMFERENTIALLY CORRUGATED STEEL COUPLING BAND FURNISHED WITH TWO (2) RUBBER GASKETS.
- CORRUGATED STEEL PIPE SHALL HAVE WELDED SEAMS WITH HELICAL CORRUGATIONS. EACH END OF THE HELICAL CORRUGATED PIPE SHALI BE RE-ROLLED TO AN ANNULAR CONFIGURATION TO ACCOMMODATE DATE THE WATERTIGHT COUPLING BAND DESCRIBED HEREIN. RIVETED OR LOCK SEAM PIPE IS UNACCEPTABLE.
- ALL PIPE CONNECTIONS TO THE SIDE WALL OF MAIN-LINE CORRUGATED STEEL PIPE SHALL BE OF THE DIAMETER SPECIFIED ON THE PLANS AND SHALL CONSIST OF SIMILAR STEEL PIPE THAT CONNECTS OR TAPS INTO THE MAIN-LINE PIPE WALL USING A PRE-FABRICATED STEEL SADDLE PLATE.

5. CONCRETE PIPE REQUIREMENTS:

- THE CONTRACTOR SHALL PROVIDE REINFORCED CONCRETE PIPE AS SPECIFIED ON THE PLANS.
- ALL REINFORCED CONCRETE PIPE SHALL HAVE MODIFIED GROOVED TONGUE JOINTS WITH O-RING TYPE RUBBER GASKET, PER A.S.T.M. SPECIFICATIONS C443.
- THE INSIDE JOINTS OF PIPE SIZES OVER 27" DIAMETER SHALL BE POINTED UP WITH MORTAR UPON COMPLETION OF BACKFILLING OPERATIONS.
- 6. SUMP PUMP LEAD REQUIREMENTS:
- ALL SUMP PUMP LEADS CONNECTED TO A COUNTY DRAIN SHALL BE PRE-MANUFACTURED.
- SUMP PUMP MAINS AND LEADS SHALL BE A SDR 35, NON-PERFORATED, SOLID WALL, PVC TRUSS PIPE, OR APPROVED EQUAL, WITH PREMIUM JOINTS.

- ENDS OF ALL 4" SUMP PUMP LEADS SHALL BE TEMPORARILY CAPPED

- AND THEIR LOCATION STAKED, WITNESSED AND RECORDED. - ALL SUMP PUMP LEADS TO BE TAKEN TO THE PROPERTY LINE,
- EASEMENT LINE OR AS INDICATED ON THE PLAN.
- SUMP PUMP CLEANOUTS SHALL BE A MINIMUM INSIDE DIAMETER OF 24" AND BE CONSTRUCTED AT CHANGES OF ALIGNMENT, ENDS OF SUMP PUMP MAINS OR AS INDICATED ON THE PLAN.
- 12" INLET AND OUTLET SEWER TO HAVE A GRADE OF NOT LESS THAN 0.2% UNLESS OTHERWISE NOTED.
- . PRE-CAST CONCRETE BASE MAY BE USED MUST BE SET LEVEL ON A SAND CUSHION OF NOT LESS THAN 2" NOR THAN 4".



10'-16' 12" 8"

