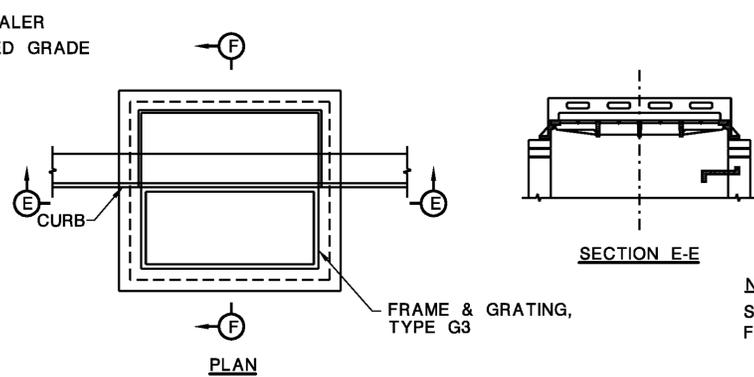


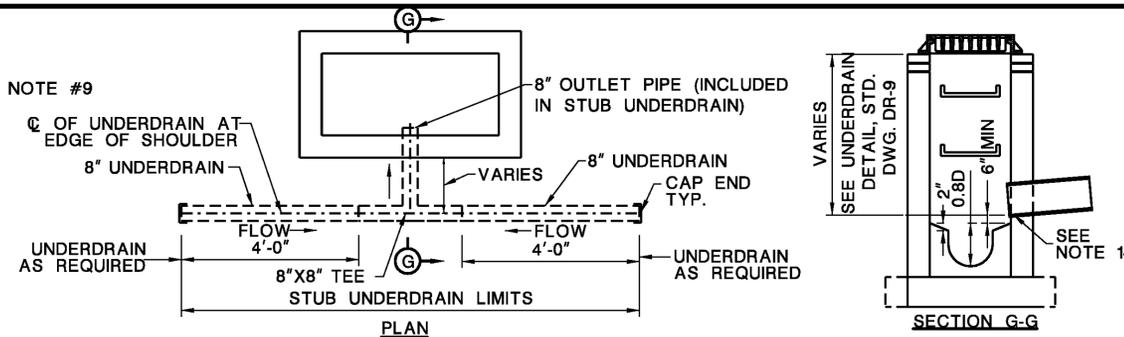
MEDIAN INLET PLACEMENT AT TWO WAY RAMPS

NOTE:
 A. SEE INLET, TYPE D-1 FOR DIMENSIONS AND DETAILS.
 B. HOT POURED JOINT SEALER AND EQUALIZER PIPE TO BE INCLUDED IN THE COST OF D-1 INLET.



DROP INLET D3

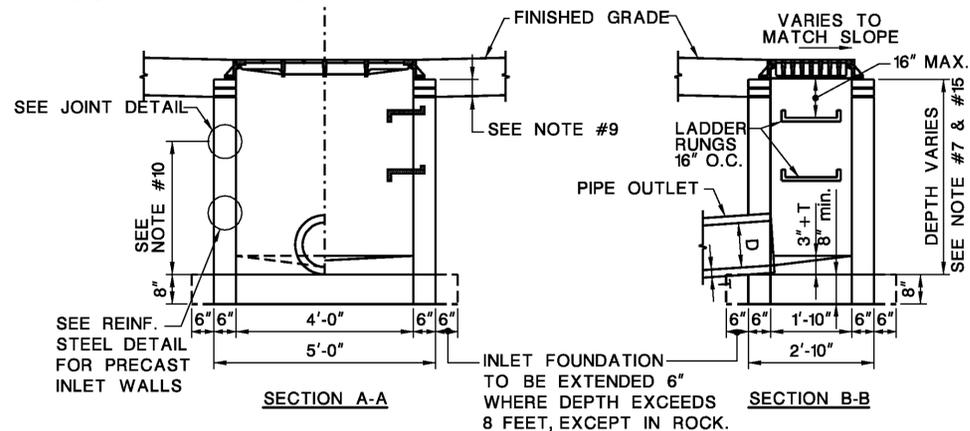
NOTE:
 SEE DROP INLET, TYPE D2 FOR PIPE & INLET DETAILS.



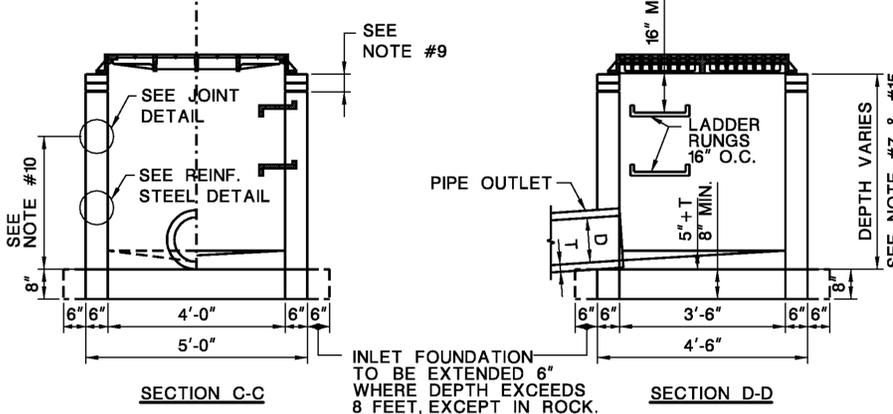
STUB UNDERDRAIN AT DROP INLET

NOTES: (SEE NOTE 5)

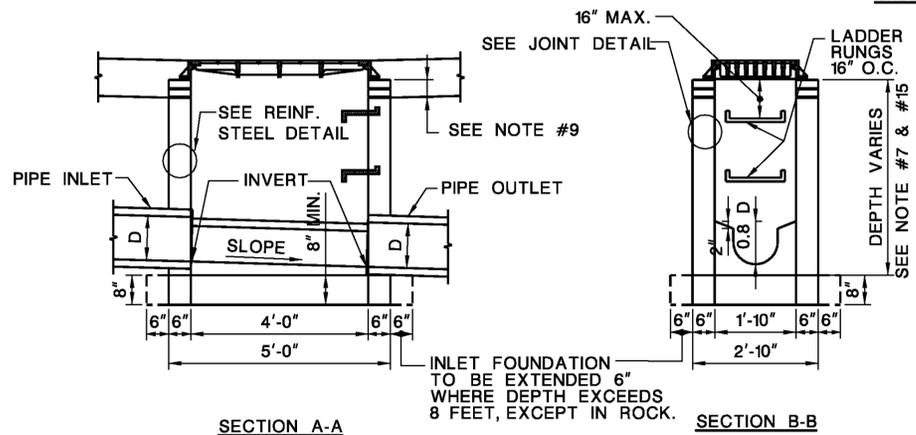
- WALLS OF DROP INLETS SHALL BE 6" THICK & BE CONSTRUCTED OF EITHER
 (A) CLASS A CONCRETE WITH AIR ENTRAINMENT, CAST IN PLACE OR PRECAST.
 (B) SOLID CONCRETE BLOCK.
- BASES OF DROP INLETS TO BE SITE CONSTRUCTED OF CLASS "D" CONCRETE WITH AIR ENTRAINMENT; PRECAST-CLASS A, WITH AIR ENTRAINMENT.
- LADDER RUNGS TO BE PROVIDED IN ALL DROP INLETS OVER 4' DEEP.
- PIPES MAY ENTER OR LEAVE DROP INLETS IN ANY DIRECTION, AS INDICATED ON THE PLANS.
- STUB UNDERDRAIN TO BE PROVIDED AT EVERY INLET AND TO BE PAID FOR AS 10 LIN. FT. OF 8" PIPE UNDERDRAIN EXCEPT WHERE A REGULAR UNDERDRAIN SYSTEM IS USED.
- ALL INTERIOR JOINTS TO BE POINTED FULL AND FLUSH.
- WHERE DEPTH OF RECTANGULAR CONCRETE BLOCK DROP INLETS EXCEED 10 FEET, WALL THICKNESS BELOW THE 8 FEET DEPTH SHALL BE 1'-0". MAXIMUM DEPTH OF CONCRETE BLOCK DROP INLETS TO BE 13 FEET.
- FOR FRAME AND GRATING DETAILS, SEE STANDARD DRAWING DR-2.
- ADJUST TO GRADE WITH CONCRETE BLOCK OR BRICK AS REQUIRED, (12" MAX.), WHEN USING
- BOTTOM SECTION OF PRECAST INLET WALLS TO BE A MAXIMUM OF 8'-0" FROM OUTLET PIPE INVERT TO TOP OF JOINT.
- FRAMES TO BE SET IN FULL BED OF STIFF MORTAR. (SEE STD. DWG. DR-2)
- FOR LADDER RUNG DETAILS, SEE STD. DWG. DR-3.
- INLET CHANNEL CAN BE FORMED CONCRETE OR A COMPOSITE OF POURED CONCRETE AND CONCRETE BLOCK.
- INVERT OF UNDERDRAIN PIPE NOT TO BE LOWER THAN THE TOP (INSIDE DIAMETER) OF THE OUTLET PIPE.
- MINIMUM WALL REINFORCEMENT FOR PRECAST INLETS:



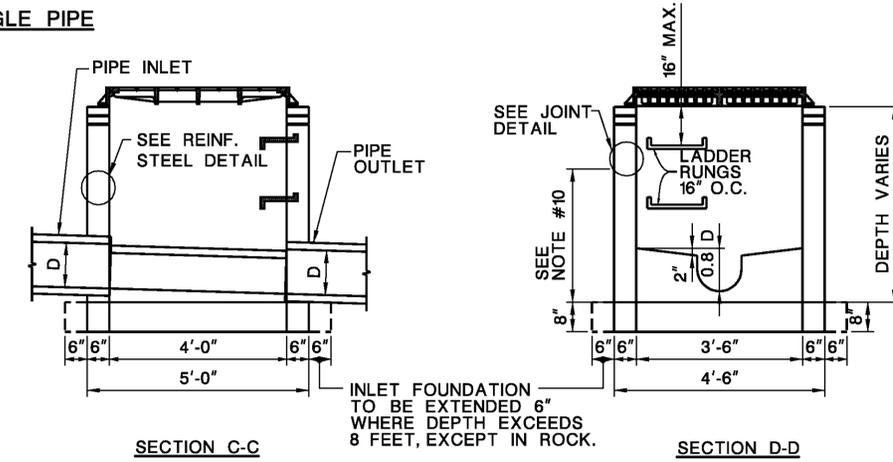
SINGLE PIPE



SINGLE PIPE



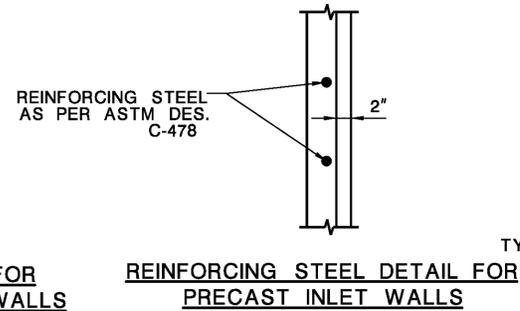
MULTIPLE PIPE



MULTIPLE PIPE

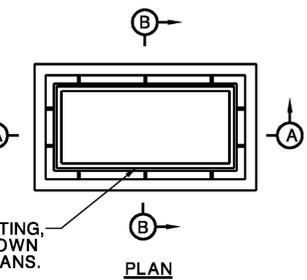
JOINTS TO BE SEALED WITH GROUT, MASTIC OR JOINT SEALER CONFORMING TO SUBSECTION 907.02 OF STANDARD SPECIFICATIONS

JOINT DETAIL FOR PRECAST INLET WALLS



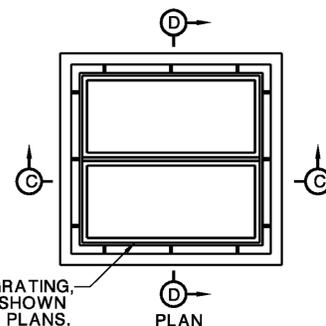
REINFORCING STEEL DETAIL FOR PRECAST INLET WALLS

FRAME & GRATING, TYPE G-1, AS SHOWN ON THE PLANS.

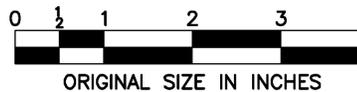


DROP INLET - TYPE D1

FRAME & GRATING, TYPE G-2, AS SHOWN ON THE PLANS.



DROP INLET - TYPE D2



App. No.	DATE	REVISION
4	6/07	REVISED GRATE TO CONFORM TO NJDEP CRITERIA
3	11/93	REVISED WALL THICKNESS AND REINFORCEMENT OF DROP INLETS
2	5/88	MINOR REVISIONS
1	7/87	CHANGE TO CONCRETE BRICK
	3/87	REISSUED; CONFORMS TO 1987 SPECS

CONTRACT NO.

SHEET NO.

OF

**NEW JERSEY TURNPIKE AUTHORITY
 NEW JERSEY TURNPIKE**

DROP INLET DETAILS

**OFFICE OF THE CHIEF ENGINEER
 NEW BRUNSWICK, NEW JERSEY**

**1987 STANDARD
 DRAWING
 DR-1**