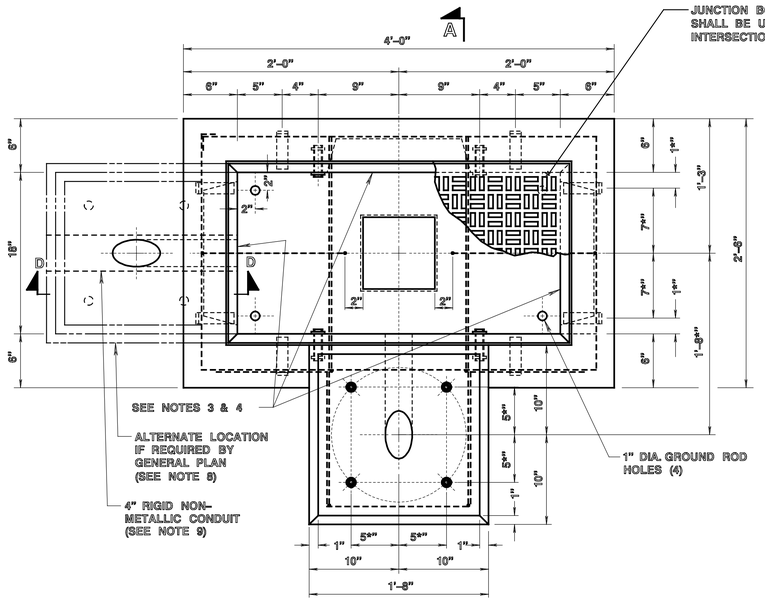
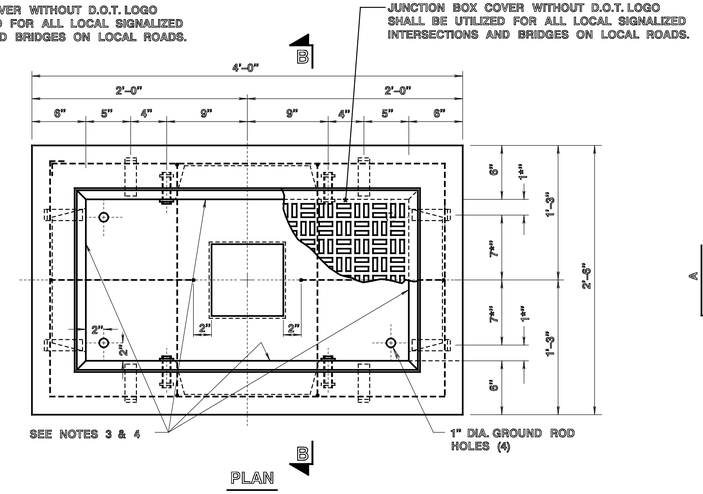


PLAN



PLAN

ITEM

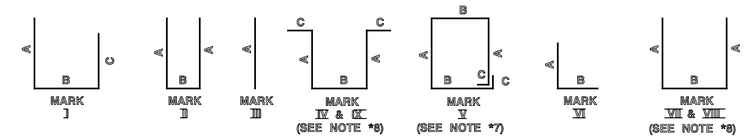
JUNCTION BOX FOUNDATION "JBF"

MARK	SIZE NO. 4 RODS			NO. RODS REQ.
	A	B	C	
I	41"	40"	40"	2
II	40"	24"	—	2
III	19"	—	—	2
IV	15"	16"	12"	4
V	44"	26"	4"	4
VI	1"	15"	—	2
VII	15"	26"	—	2
VIII	40"	59"	—	2
IX	15"	16"	4"	4

ITEM

18" X 36" JUNCTION BOX "JB"

MARK	SIZE NO. 4 RODS			NO. RODS REQ.
	A	B	C	
II	42"	25"	—	4
III	21"	—	—	2
V	44"	26"	4"	3
VI	2"	16"	—	2
VII	15"	26"	—	2



NOTES:

1.) THE CONSTRUCTION AND INSTALLATION OF PRECAST JUNCTION BOX FOUNDATION AND 18" X 36" JUNCTION BOX SHALL CONFORM TO SPECIFICATIONS FOR THE CONTRACT AND TO DETAILS AND NOTES SHOWN ON THIS DRAWING AND IN ADDITION SHALL INCLUDE APPLICABLE NOTES AND DETAILS SHOWN ON DRAWING FOR CAST-IN-PLACE TYPE.

2.) COMPACTED #" GRAVEL OR BROKEN STONE BASE REQUIRED FOR ALL PRECAST UNITS. MINIMUM DEPTH 8".

3.) A 18" X 7" X 4" RECESS TO BE PROVIDED IN SIDE AND END WALLS AS SHOWN.

4.) AFTER THE INSTALLATION OF CONDUIT, ALL OPEN RECESSES ARE TO BE COMPLETELY BRICKED AND FINISHED.

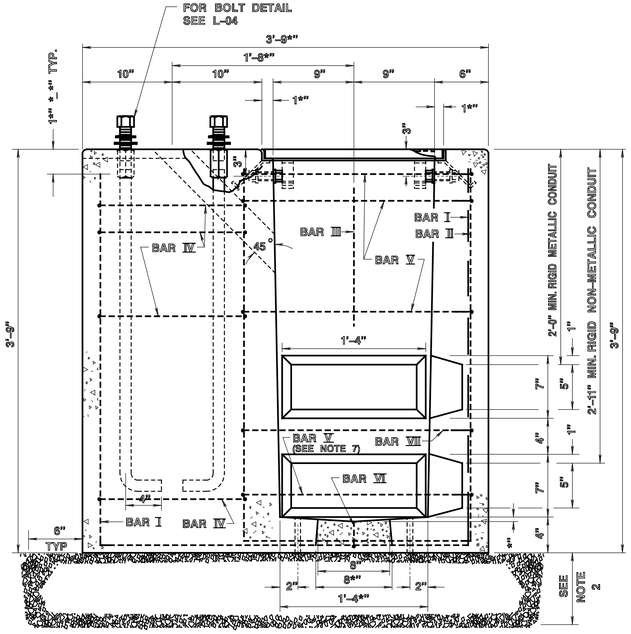
5.) AN ALTERNATE RECESS ARRANGEMENT MAY BE SUBSTITUTED AS SHOWN BELOW IN DETAIL "A" & "B". IF THIS ARRANGEMENT IS USED AND THE CONDUIT IS BROUGHT INTO THE JUNCTION BOX THROUGH THE TOP OF THE RECESS THEN THE ENTIRE RECESS MUST BE BRICKED FROM TOP TO BOTTOM.

6.) PRECAST JUNCTION BOX FOUNDATION MAY BE INSTALLED BEHIND THE GUIDE RAIL OR IN AREAS WHERE THE SLOPE IS LESS THAN 1:22.

7.) INSTALL THIS BAR WHEN USING DETAIL "A" ONLY.

8.) FOR ALTERNATE LOCATION FOR THE FOUNDATION, USE MARK 8 AND 9 IN PLACE OF MARK 1 AND 4.

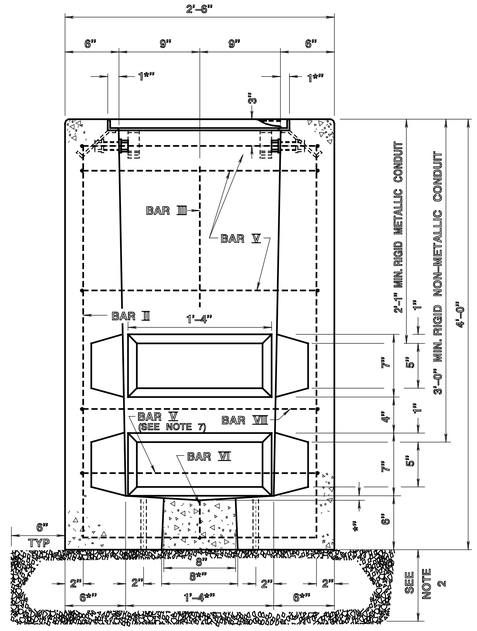
9.) ALIGN CONDUITS.



SECTION A-A

JUNCTION BOX FOUNDATION "JBF"

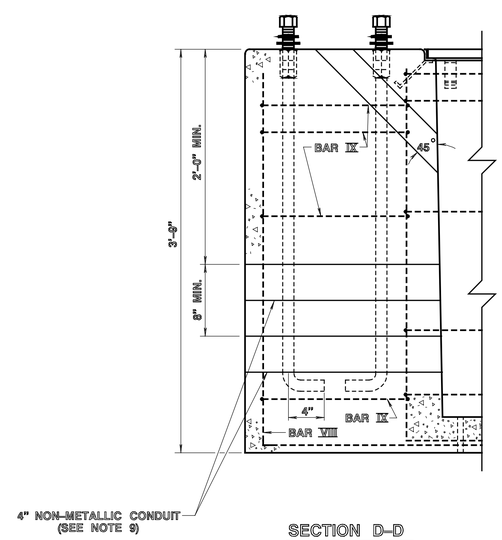
PRECAST



SECTION B-B

18" X 36" JUNCTION BOX "JB"

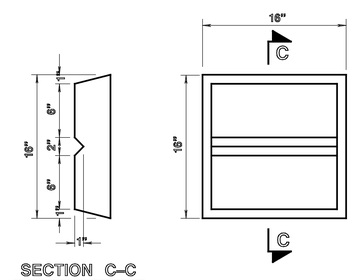
PRECAST



SECTION D-D

ALTERNATE JUNCTION BOX FOUNDATION

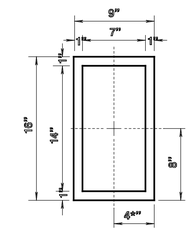
PRECAST



SECTION C-C

ALTERNATE RECESS ARRANGEMENT FOR END WALLS.

DETAIL "A"



ALTERNATE RECESS (VERTICAL) ARRANGEMENT FOR SIDE WALLS.

DETAIL "B"

NEW JERSEY DEPARTMENT OF TRANSPORTATION

ELECTRICAL DETAILS

N.T.S.

JUNCTION BOX FOUNDATION "JBF"
18" X 36" JUNCTION BOX "JB"
PRECAST

L-0507

REFERENCE

BDC07D-03