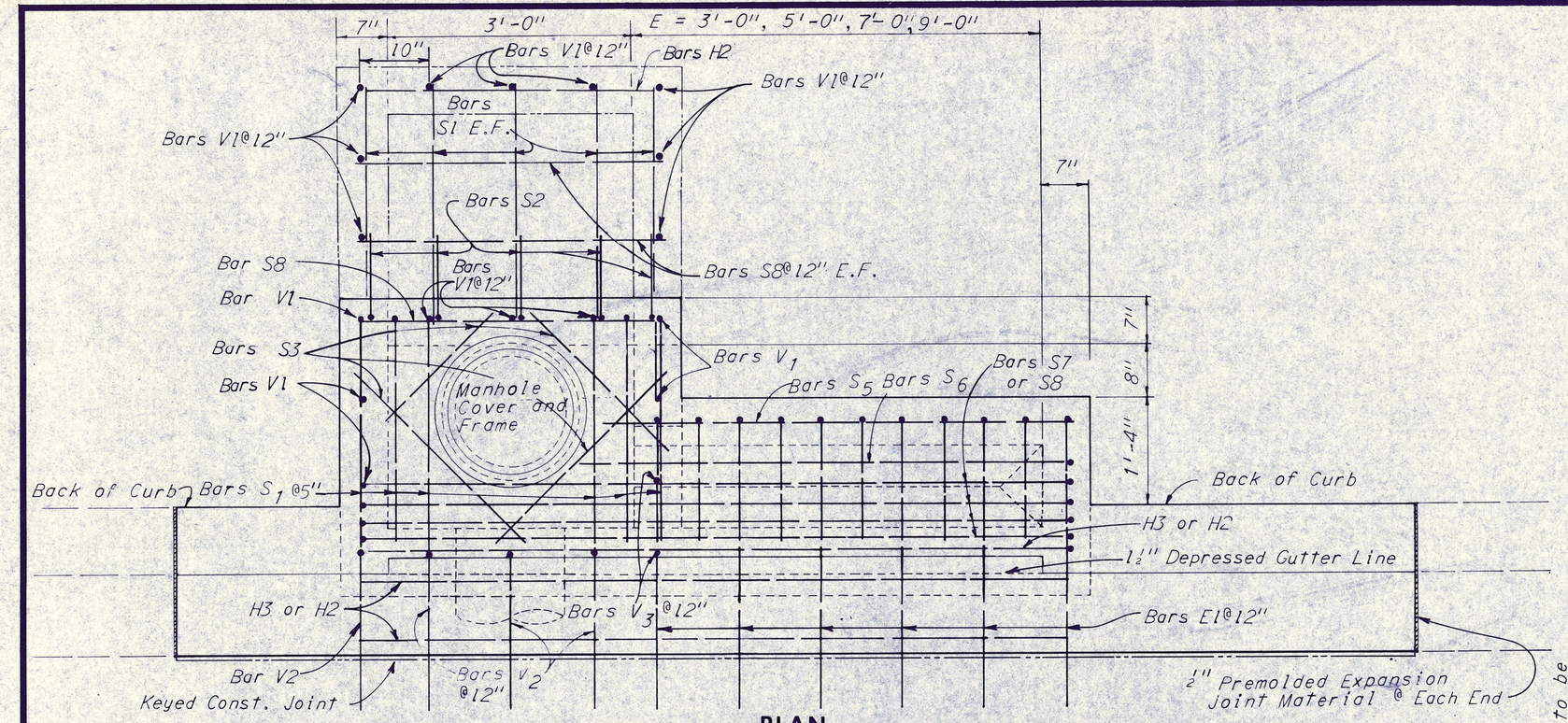
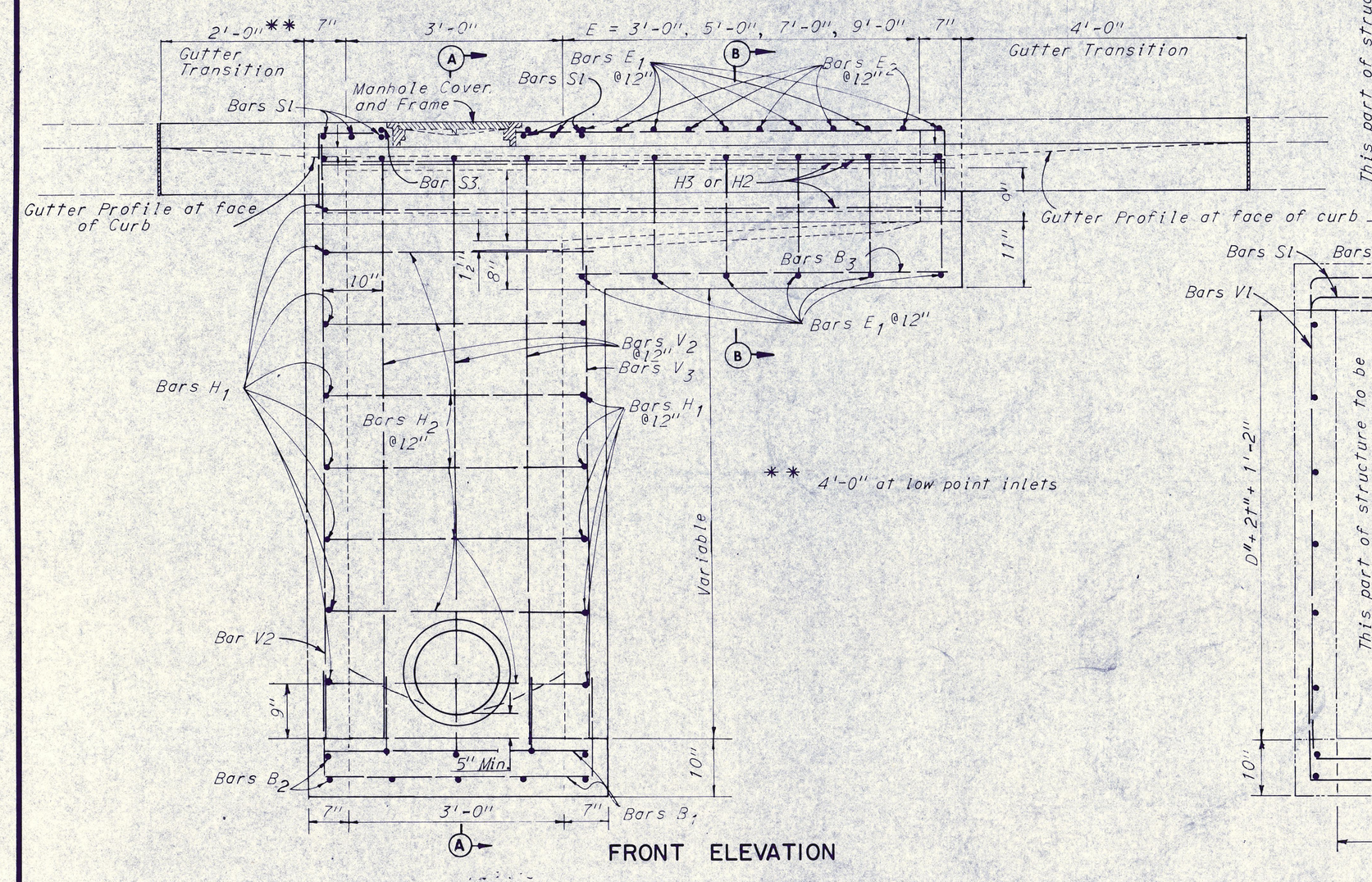


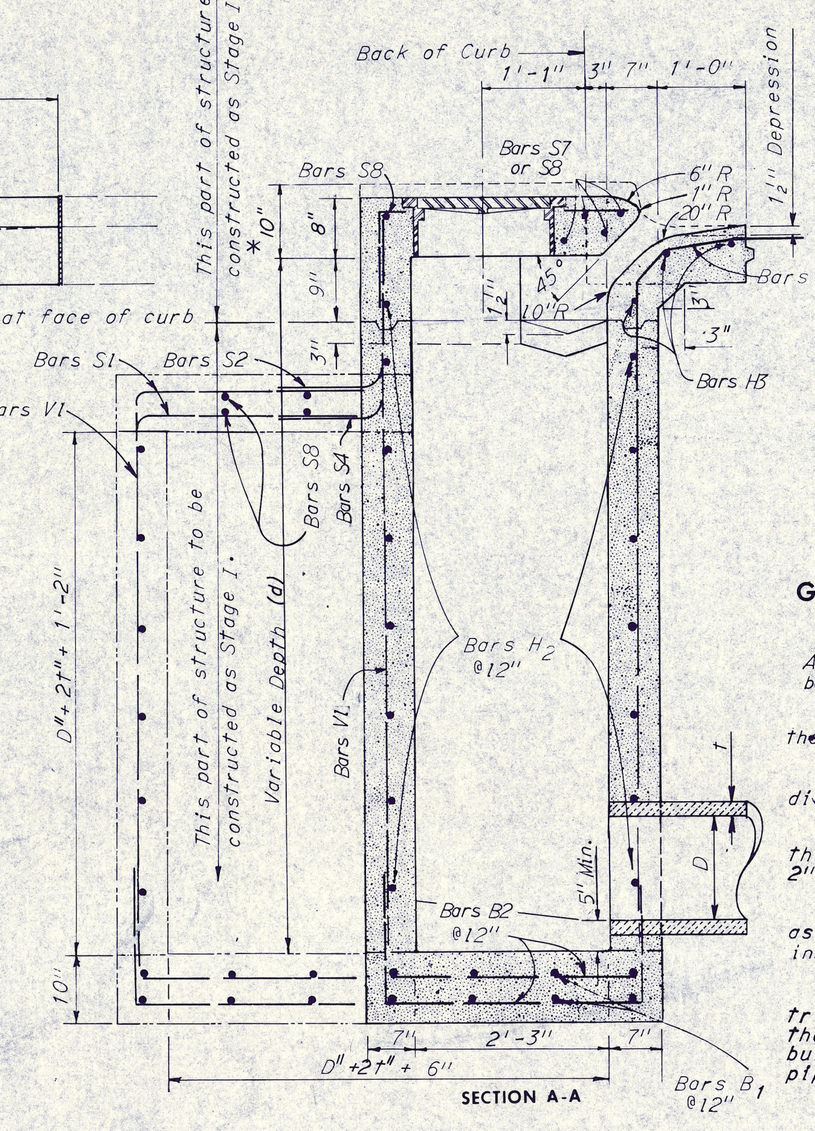
PLAN

Scale: $\frac{3}{4}$" = 1'-0"

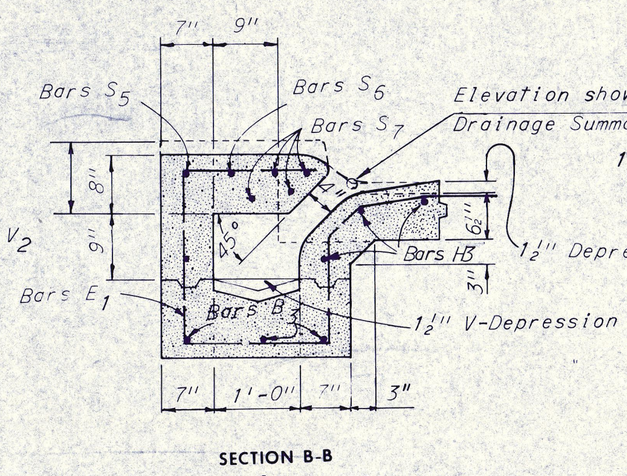


** 4'-0" at low point inlets

FRONT ELEVATION

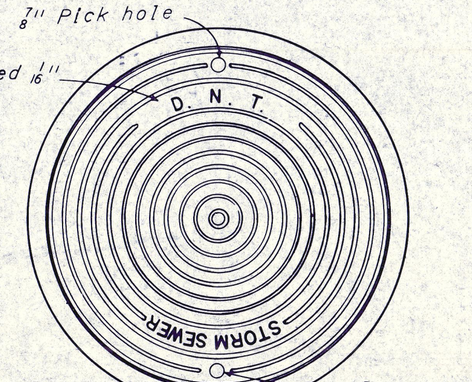


SECTION A-A

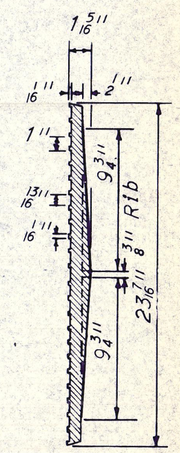


SECTION B-B

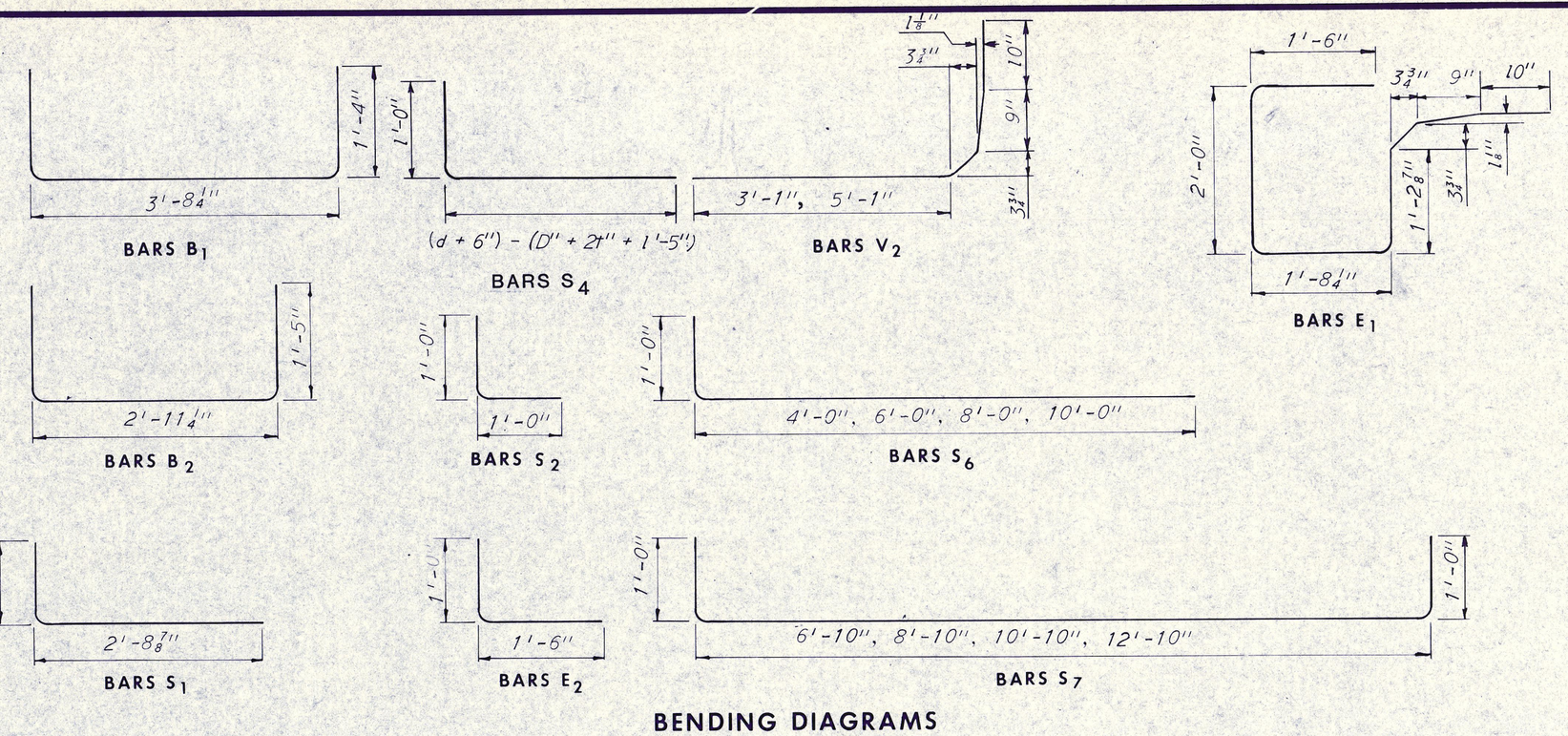
Scale: $\frac{3}{4}$" = 1'-0"



PLAN OF FRAME AND COVER



SECTION OF COVER



BENDING DIAGRAMS

GENERAL NOTES

All concrete shall be Class "A". Invert concrete shall be placed after inlet box has been constructed. All exposed edges shall be chamfered 1".

All reinforcing steel shall be No. 5 bars with the spacing shown in each detail.

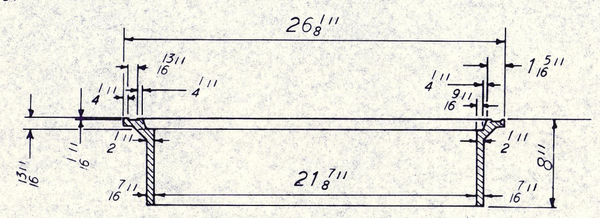
All bars shall be bent around a pin with a diameter of 4".

All reinforcing steel shall be placed with the center of the outside layer bars a minimum of 2" from the surface of the concrete.

** Cast iron steps, spaced at 16"c-c and located as directed by the Engineer, shall be provided and installed in all inlets where the depth exceeds 5'-0".

The work and materials required for cutting, trimming and pointing the pipe with mortar inside the inlet or manhole will not be paid for separately but will be considered subsidiary to the cost of the pipe.

* To be used with 6" curb.



SECTION OF FRAME

INLET FRAME AND COVER

Scale: 1½" = 1'-0"

Alternate precast inlets may be approved on an individual basis. Precast inlets shall be of equal or better strength, material, and workmanship. They shall also meet the standard design criteria of the cast-in-place inlets as shown in these details.

** Cast Iron steps shall conform to Bass and Hays Foundry, Inc., Standard Manhole Steps No. 90, or equal.

REINFORCING STEEL

INLET BOX

Bar Mark	B1		B2		V1		V2		V3		H1		H2		S1		S3		S8	
Depth	No.	Length	No.	Length	No.	Length	No.	Length	No.	Length	No.	Length	No.	Length	No.	Length	No.	Length	No.	Length
4'-0"	8	6'-4 1/4"	10	5'-9 1/4"	8	4'-5"	4	5'-9 1/2"	2	2'-8"	10	3'-1"	15	3'-10"	6	3'-8 1/2"	4	3'-0"	5	3'-10"
4'-6"	8	6'-4 1/4"	10	5'-9 1/4"	8	4'-11	4	6'-3 1/2"	2	3'-2"	10	3'-1"	15	3'-10"	6	3'-8 1/2"	4	3'-0"	5	3'-10"
5'-0"	8	6'-4 1/4"	10	5'-9 1/4"	8	5'-5"	4	6'-9 1/2"	2	3'-8"	12	3'-1"	17	3'-10"	6	3'-8 1/2"	4	3'-0"	5	3'-10"
5'-6"	8	6'-4 1/4"	10	5'-9 1/4"	8	5'-11"	4	7'-3 1/2"	2	4'-2"	12	3'-1"	17	3'-10"	6	3'-8 1/2"	4	3'-0"	5	3'-10"
6'-0"	8	6'-4 1/4"	10	5'-9 1/4"	8	6'-5"	4	7'-9 1/2"	2	4'-8"	14	3'-1"	19	3'-10"	6	3'-8 1/2"	4	3'-0"	5	3'-10"
6'-6"	8	6'-4 1/4"	10	5'-9 1/4"	8	6'-11"	4	8'-3 1/2"	2	5'-2"	14	3'-1"	19	3'-10"	6	3'-8 1/2"	4	3'-0"	5	3'-10"
7'-0"	8	6'-4 1/4"	10	5'-9 1/4"	8	7'-5"	4	8'-9 1/2"	2	5'-8"	16	3'-1"	21	3'-10"	6	3'-8 1/2"	4	3'-0"	5	3'-10"
7'-6"	8	6'-4 1/4"	10	5'-9 1/4"	8	7'-11"	4	9'-3 1/2"	2	6'-2"	16	3'-1"	21	3'-10"	6	3'-8 1/2"	4	3'-0"	5	3'-10"
8'-0"	8	6'-4 1/4"	10	5'-9 1/4"	8	8'-5"	4	9'-9 1/2"	2	6'-8"	18	3'-1"	23	3'-10"	6	3'-8 1/2"	4	3'-0"	5	3'-10"
8'-6"	8	6'-4 1/4"	10	5'-9 1/4"	8	8'-11"	4	10'-3 1/2"	2	7'-2"	18	3'-1"	23	3'-10"	6	3'-8 1/2"	4	3'-0"	5	3'-10"
9'-0"	8	6'-4 1/4"	10	5'-9 1/4"	8	9'-5"	4	10'-9 1/2"	2	7'-8"	20	3'-1"	25	3'-10"	6	3'-8 1/2"	4	3'-0"	5	3'-10"
9'-6"	8	6'-4 1/4"	10	5'-9 1/4"	8	9'-11"	4	11'-3 1/2"	2	8'-2"	20	3'-1"	25	3'-10"	6	3'-8 1/2"	4	3'-0"	5	3'-10"
10'-0"	8	6'-4 1/4"	10	5'-9 1/4"	8	10'-5"	4	11'-9 1/2"	2	8'-8"	22	3'-1"	27	3'-10"	6	3'-8 1/2"	4	3'-0"	5	3'-10"

INLET EXTENSION

Bar Mark	H3		B3		E1		E2	
Length	No.	Length	No.	Length	No.	Length	No.	Length
3'-0"	3	6'-10"	3	3'-3"	4	8'-5 1/2"	3	2'-6"
5'-0"	3	8'-10"	3	5'-3"	6	8'-5 1/2"	5	2'-6"
7'-0"	3	10'-10"	3	7'-3"	8	8'-5 1/2"	7	2'-6"
9'-0"	3	12'-10"	3	9'-3"	10	8'-5 1/2"	9	2'-6"

Bar Mark	S5		S6		S7	
Length	No.	Length	No.	Length	No.	Length
3'-0"	1	3'-10"	1	4'-1"	4	6'-10"
5'-0"	1	5'-10"	1	6'-1"	4	8'-10"
7'-0"	1	7'-10"	1	8'-1"	4	10'-10"
9'-0"	1	9'-10"	1	10'-1"	4	12'-10"

NO.	REVISION	BY	DATE

TEXAS TURNPIKE AUTHORITY

DALLAS NORTH TOLLWAY

TOLLWAY INLET TYPE "C"

HNTB HOWARD NEEDLES TAMMEN & BERGENDOFF

SECTION VII

DRAWN PMA DATE 3-18-83 DESIGNED DATE

CHECKED SMM DATE 3-18-83 SCALE As Shown

STANDARD DRAWING NO. I

CONTRACT NO. DNT-115