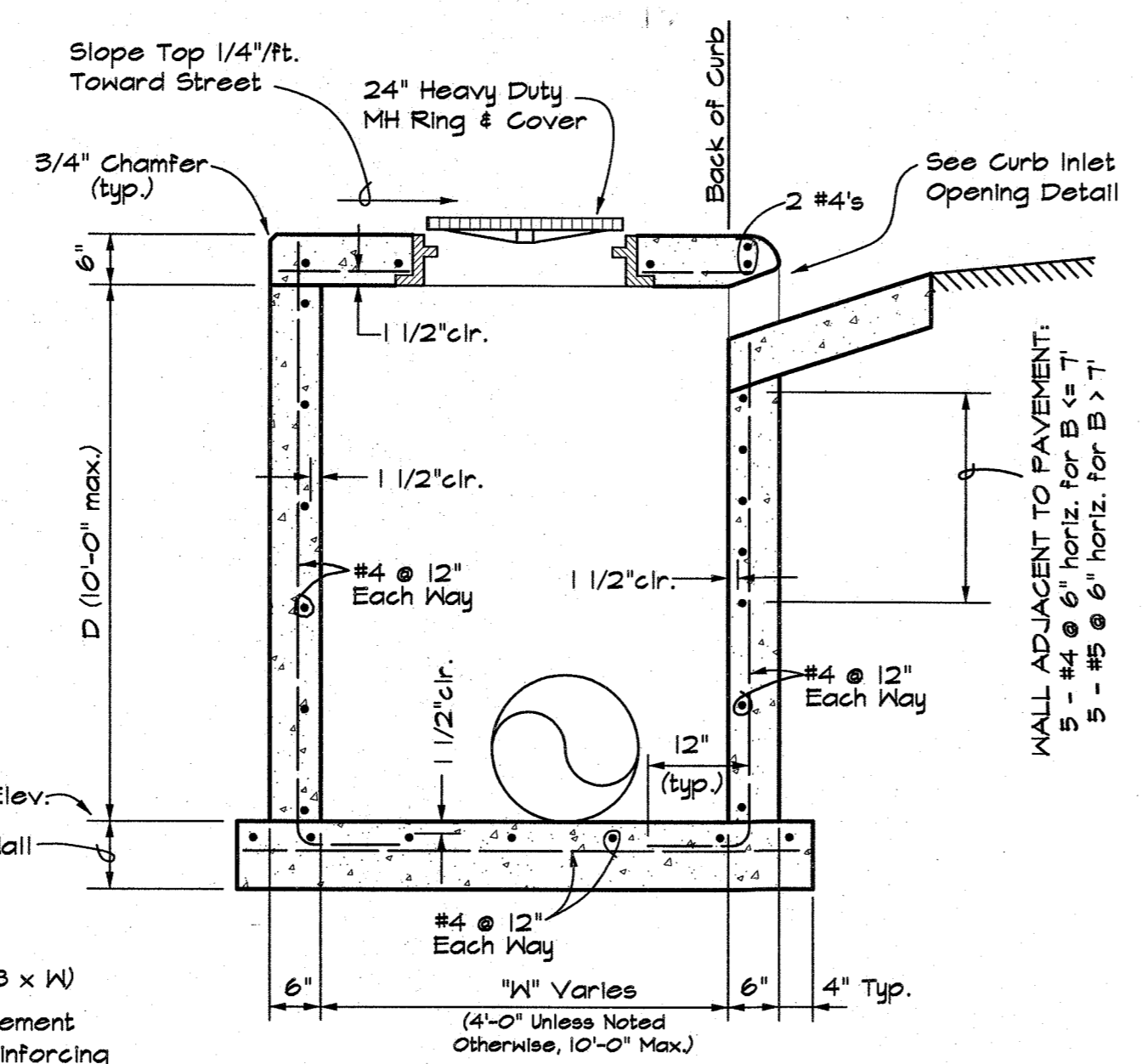


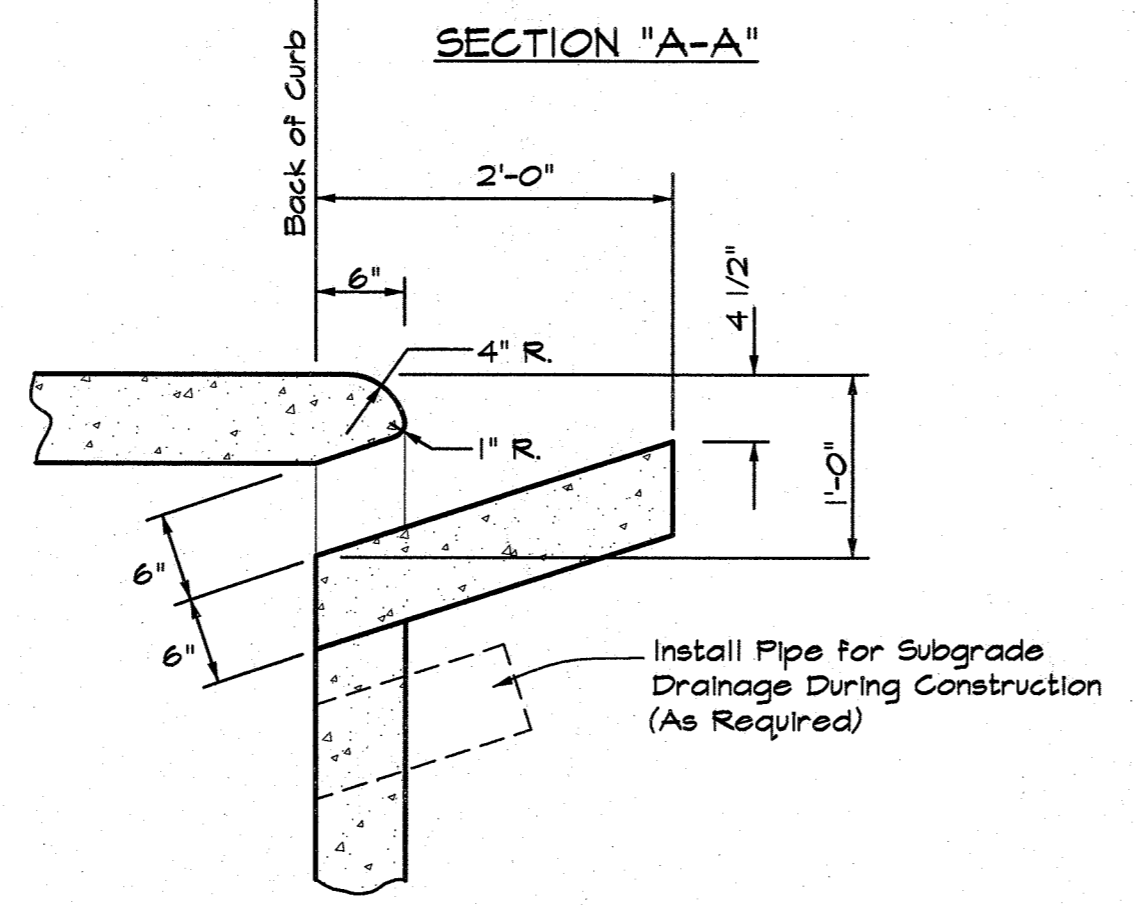
PLAN

- NOTES:
1. See Plans for Dimensions "B" and "W" (Noted B x W)
 2. Wall Reinforcement for Wall Adjacent to Pavement and Top Shall Be as Indicated. All Other Reinforcing Shall be #4 bars at 12" Each Way.
 3. See Detail for Wall Corner Reinforcement

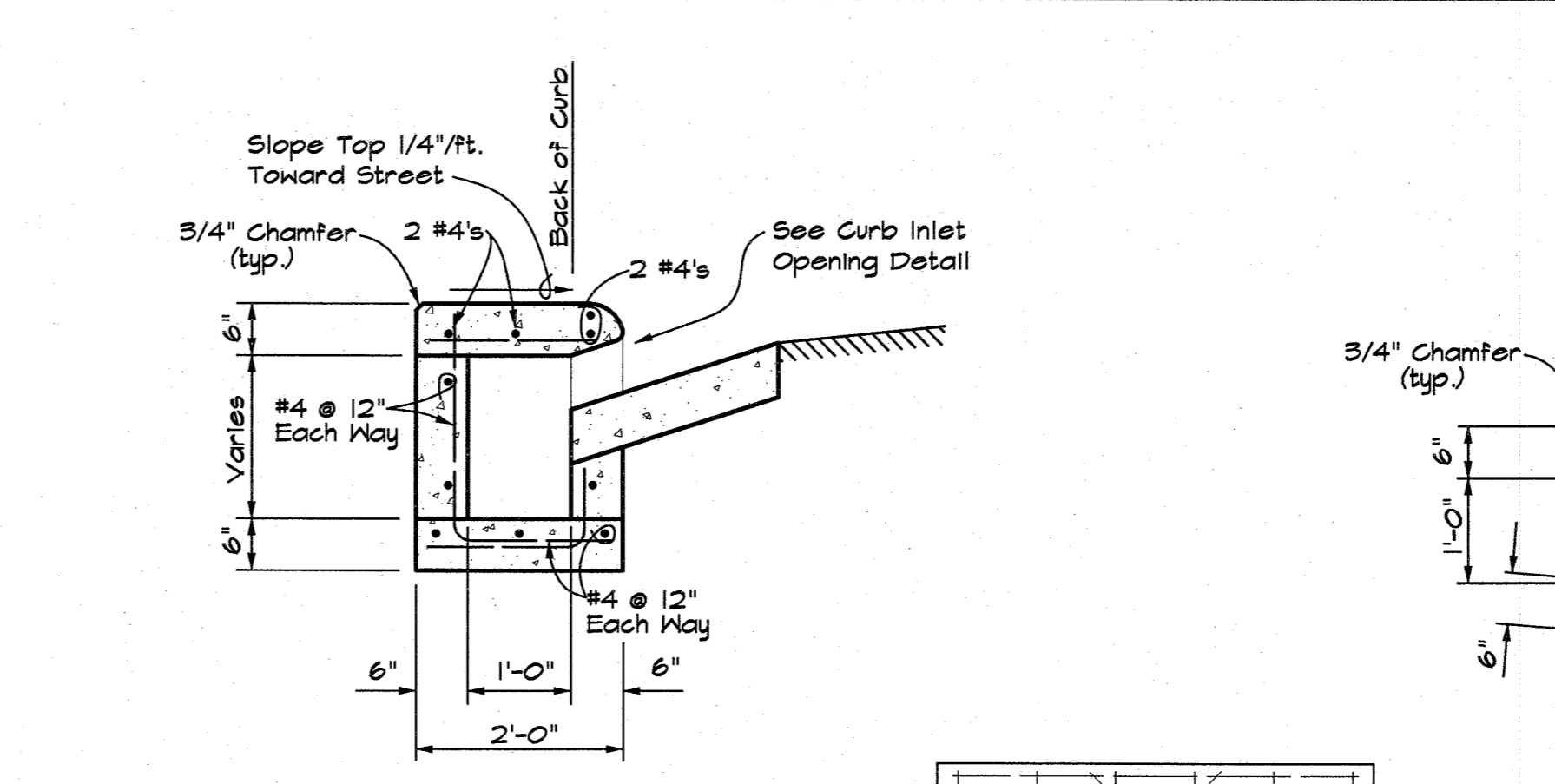
DR-10: CURB INLET
Not to Scale



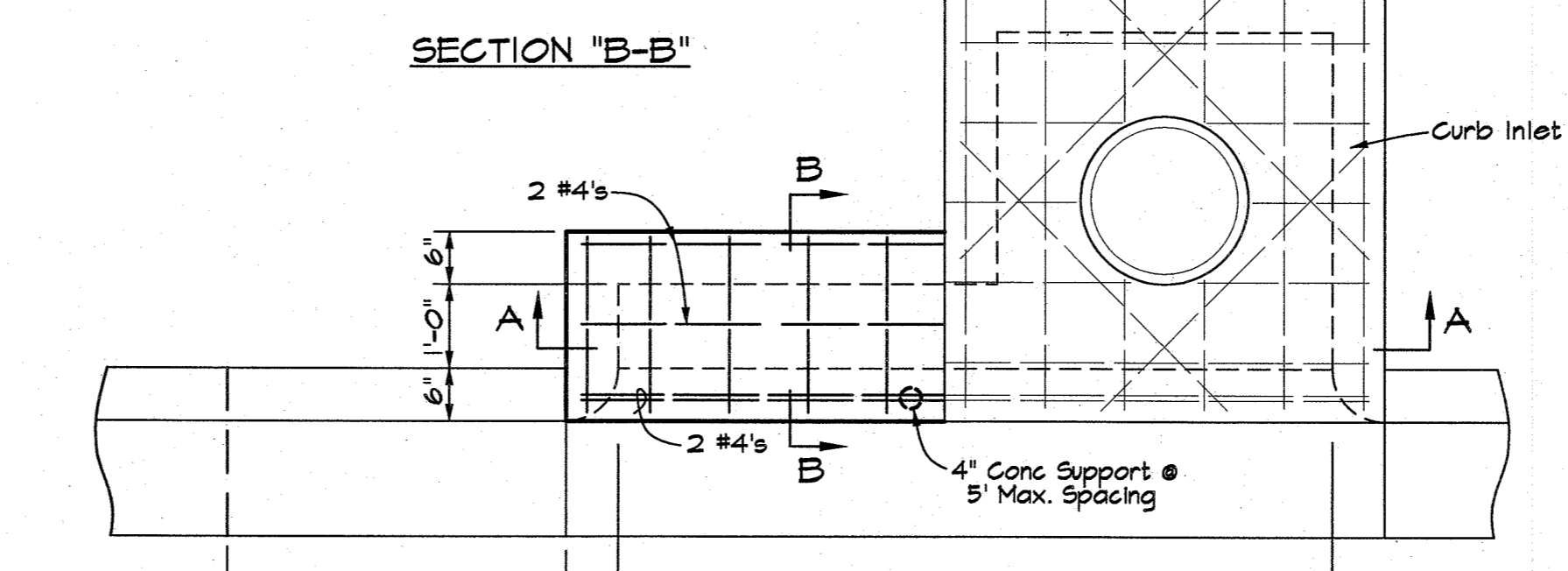
SECTION "A-A"



DR-40: CURB INLET OPENING DETAIL
Not to Scale

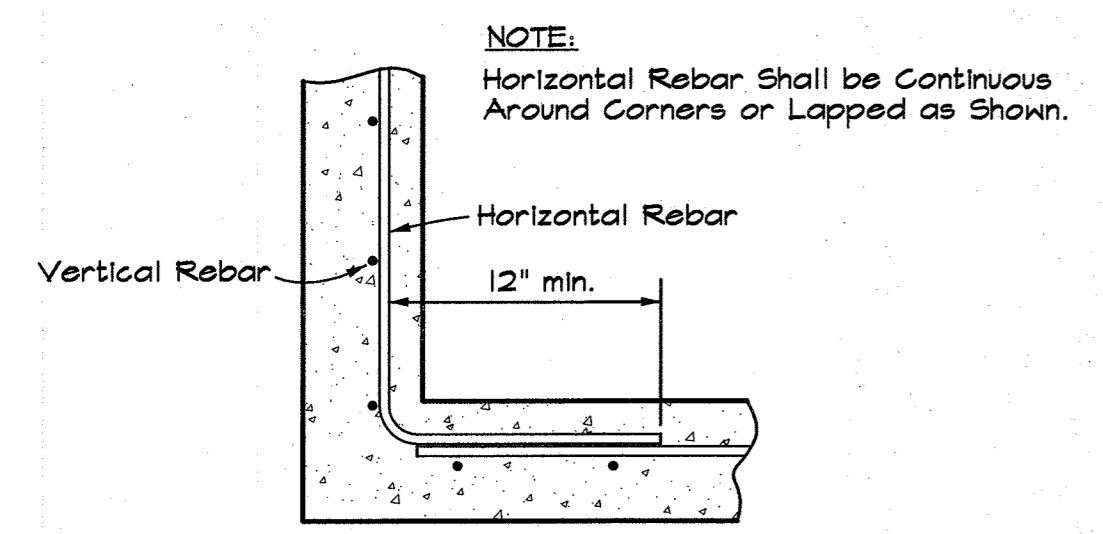


SECTION "B-B"

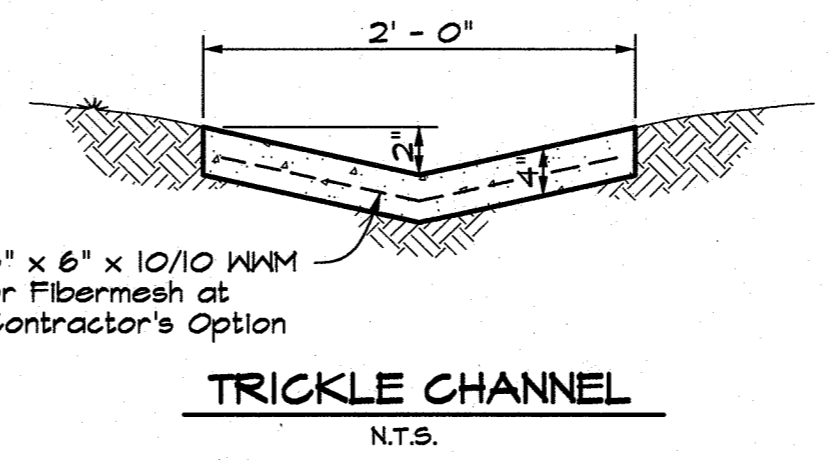


PLAN

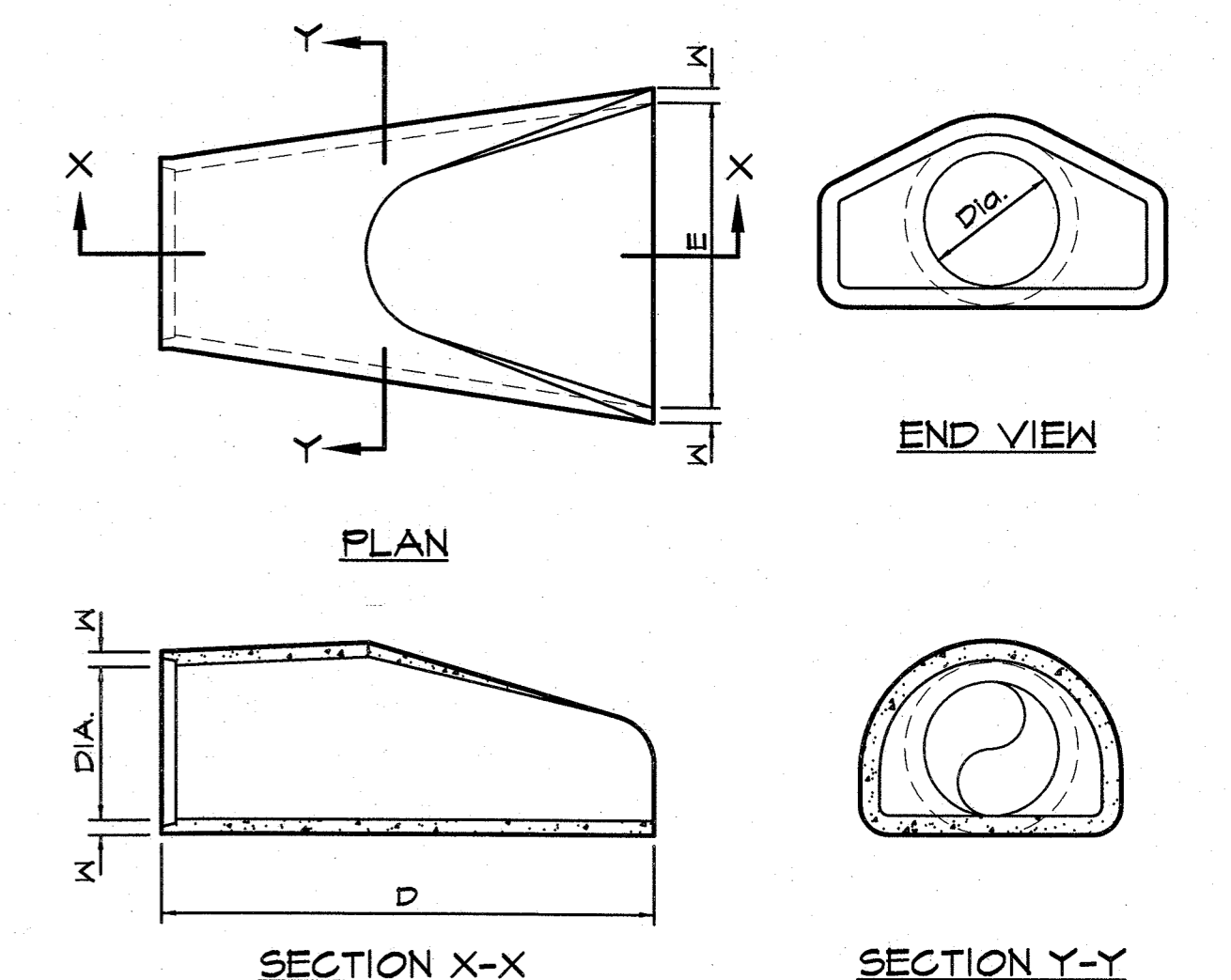
DR-30: CURB INLET EXTENSION
Not to Scale



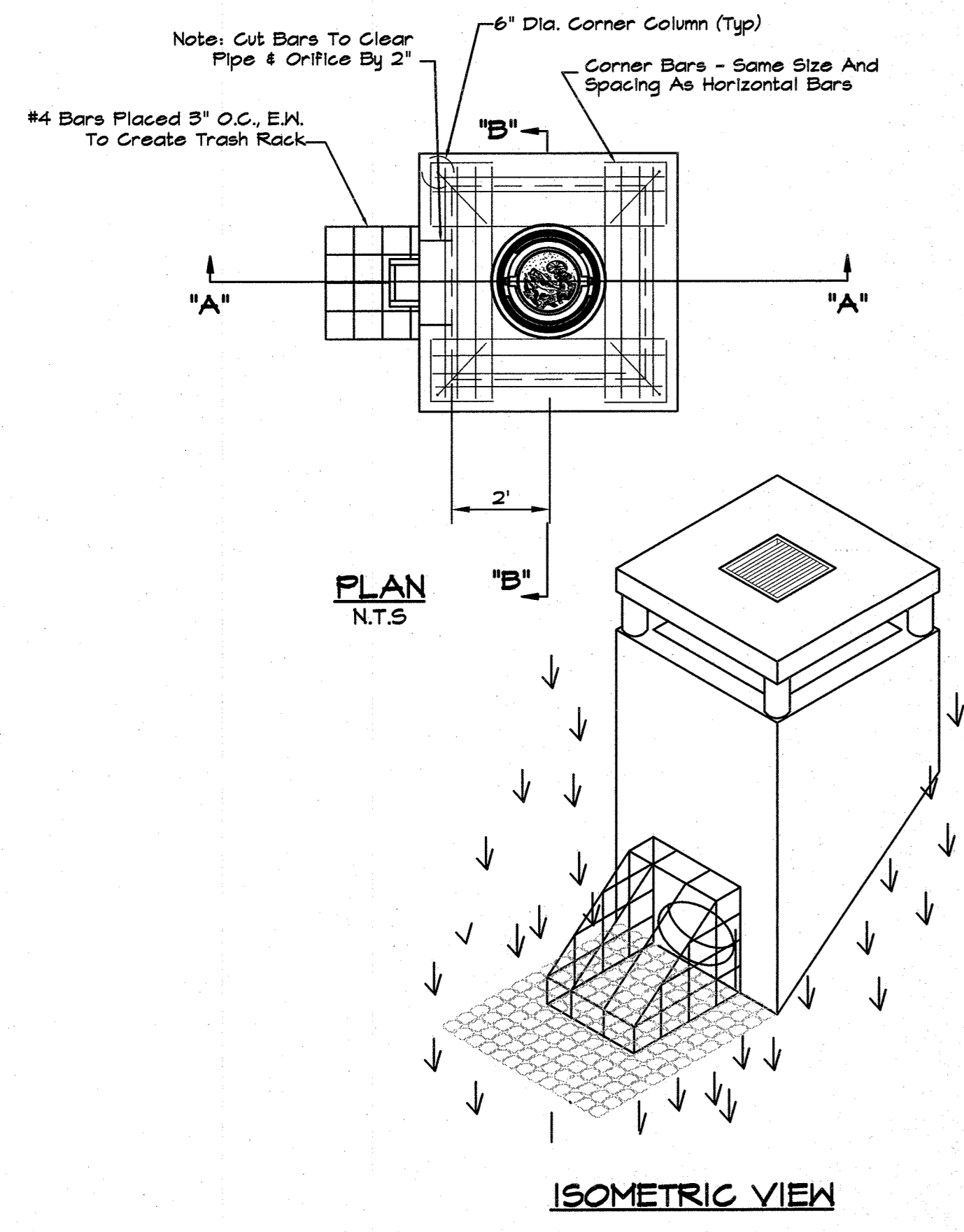
DR-100: PLAN - JUNCTION BOX, GRATED INLET or CURB INLET WALL CORNER REINFORCING
Not to Scale



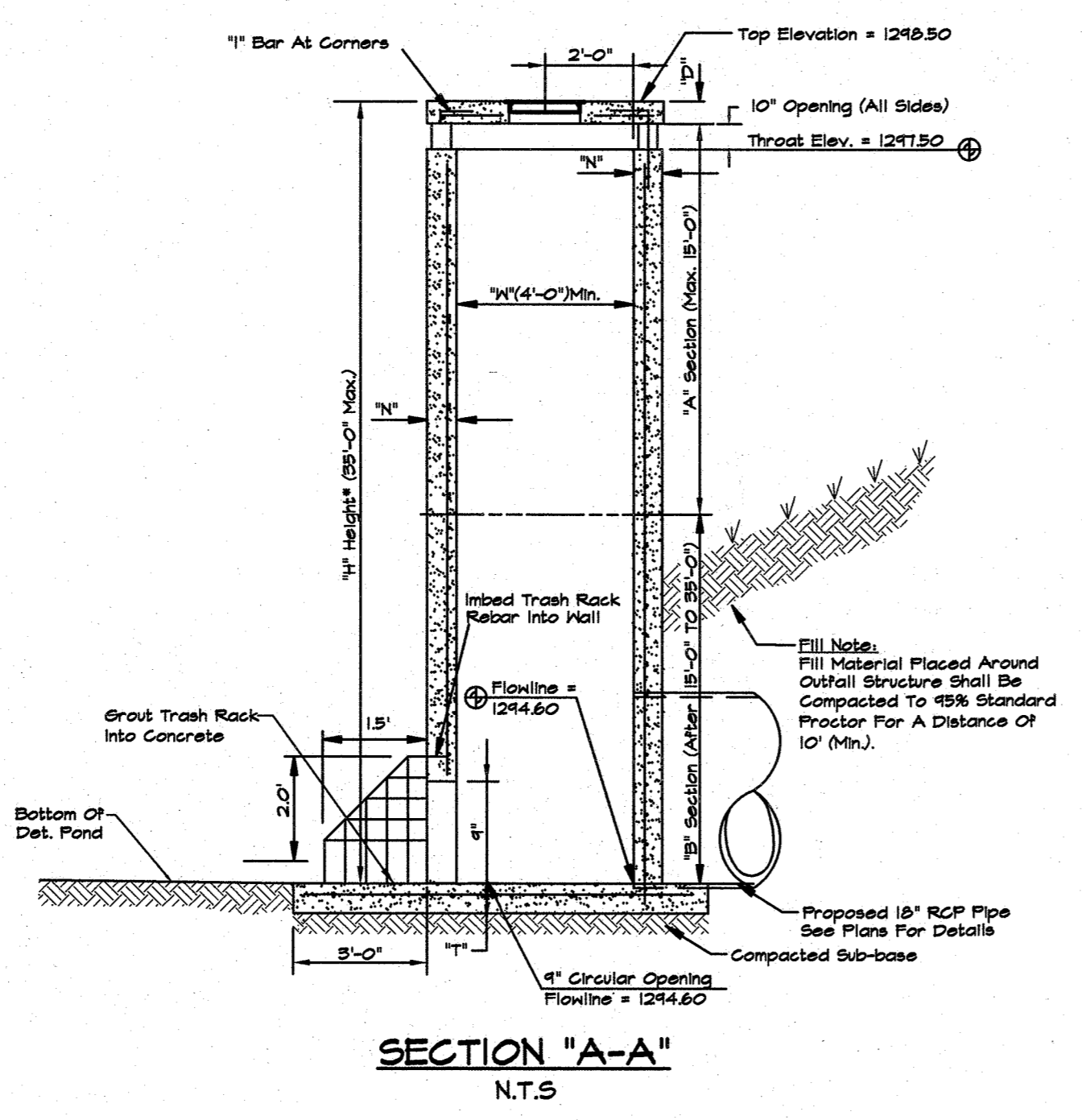
TRICKLE CHANNEL
N.T.S.



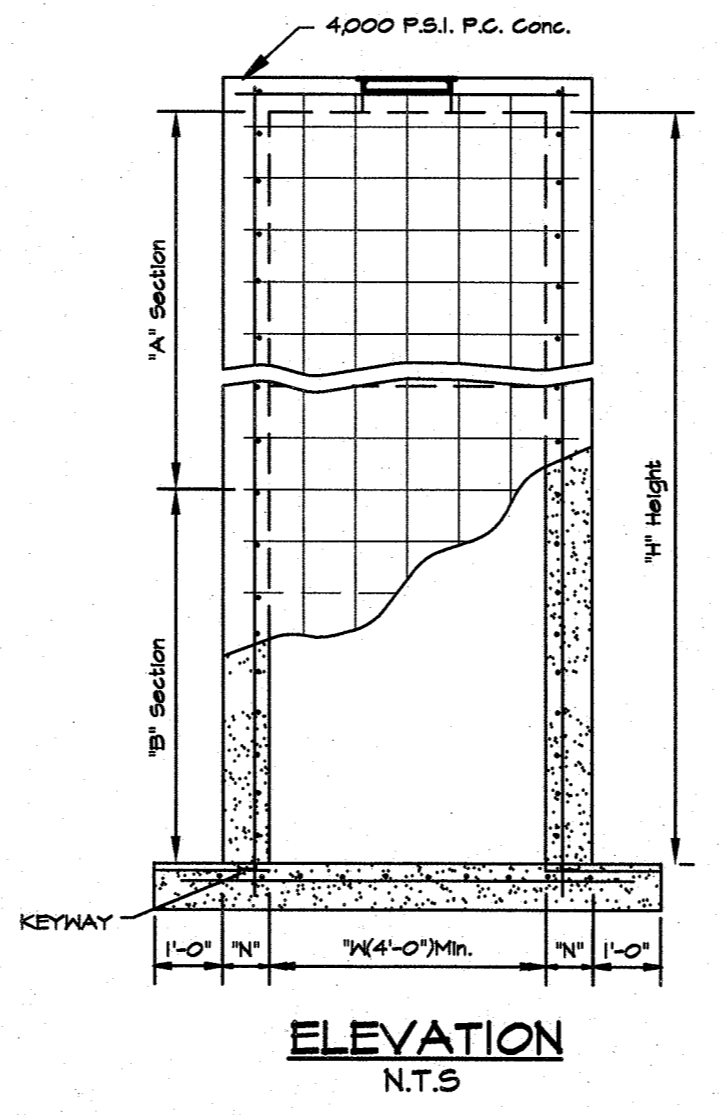
DR-130: FLARED END SECTION
Not to Scale



ISOMETRIC VIEW



SECTION "A-A"
N.T.S.



ELEVATION
N.T.S.

DETENTION POND OUTLET STRUCTURE
Not to Scale

General Notes:

1. All Exposed Corners To Have 3/4" Chamfer.
2. All #4 & #8 Reinforcing Bars To Have 1-1/2" Cover, Larger Sizes To Have 2" Cover.
3. See Grading And Drainage Plan For Pipe Sizes, Locations, And Flow Lines.
4. Pipes Shall Connect To The Ends Or Sides Of The Inlet. Connection Shall Not Be Made At Corners Of Inlet.
5. All Reinforcing Bars To Be Grade 60.
6. Provide Steps In Structure When Depth Is 4' Or Greater.

Section	Width ("W")	Hor.	Vert.
"A"	4'	#4's @ 6"	#4's @ 10"
"B"	Between 4' & T' Greater Than T'	#5's @ 4 1/2"	#4's @ 10"

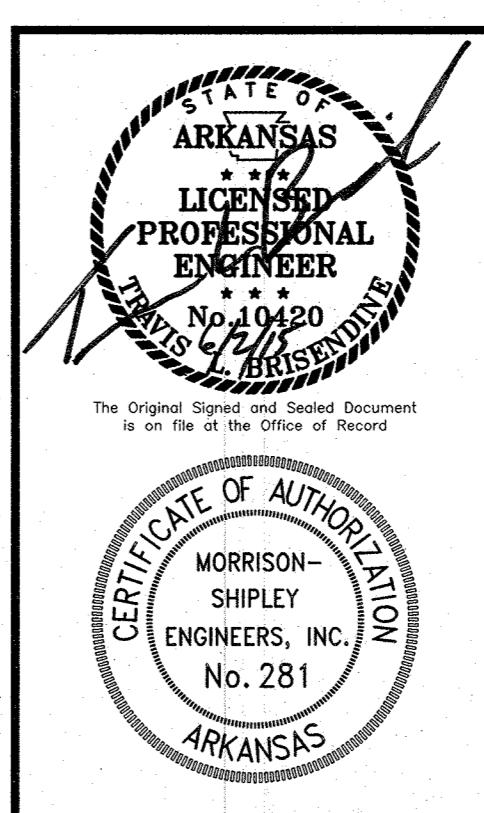
Skew Of Cross Drain	30°	45°
Single	24"	30"
24"	4'-0"	4'-0"
30"	4'-0"	4'-7"
36"	4'-0"	5'-3"
42"	5'-3"	5'-11"
48"	5'-10"	6'-7"
60"	7'-0"	7'-10"
Double For "A" Section Only	24"	7'-0"
	30"	8'-2"
	36"	9'-4"
	42"	10'-6"
	48"	11'-8"
	60"	13'-2"

Section	Width ("W")	Hor.	Vert.
"A"	4'	#4's @ 6"	#4's @ 10"
"B"	Between 4' & T' Greater Than T'	#4's @ 6"	#4's @ 10"

Section	Width ("W")	"T"	"N"	"D"
"A"	Between 4' & T' Greater Than T'	6" + Pipe Thickness	8"	6"
"B"	Between 4' & T'	6" + Pipe Thickness	8"	8"

Dimensions	Steel	Special Pattern
W1 = T' Or Less	#4's @ 6" E.N.	Diagonal @ Cover
W2 = T' Or Less	#4's @ 6" E.N.	Diagonal @ Cover
W1 = T' Or Greater	#4's @ 6" E.N.	Diagonal @ Cover
W2 = T' Or Greater	#4's @ 6" E.N.	Diagonal @ Cover

DIA.	D	E
18"	6'-1"	3'-0"
24"	6'-1.5"	4'-0"
30"	6'-1.75"	5'-0"
36"	6'-1.75"	6'-0"
42"	6'-2"	6'-6"
48"	6'-2"	7'-0"
54"	6'-4"	7'-6"
60"	6'-4"	8'-0"
72"	6'-4"	9'-0"



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LARGE SCALE DEVELOPMENT PLANS for
FARM CREDIT SERVICES
Tontitown, Washington County, Arkansas

Revision	By	Date

Issued for Review
06.02.15

DRAINAGE DETAILS

Project No.: BCI-09
Drawing Name: BASE
Drawn By: JMN
Approved By: TLB
Date: 06.02.15
Vertical Scale: -
Horizontal Scale: 1"=20'
Plotting Scale: 1
Sheet No.: 6 of 8