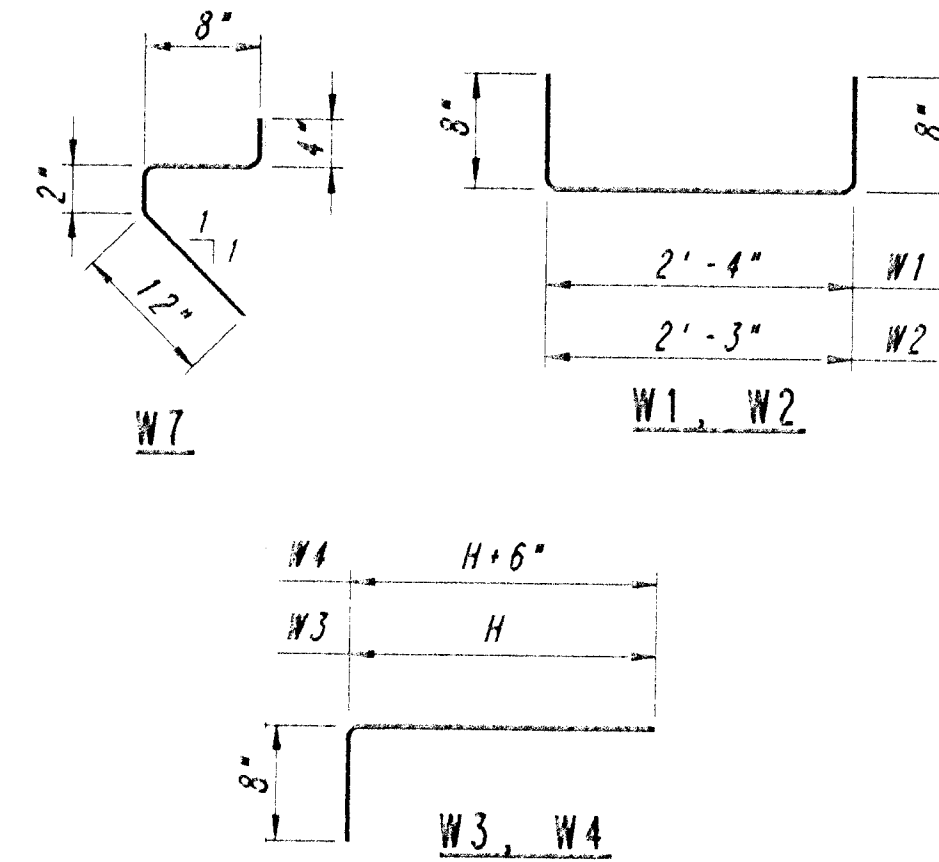
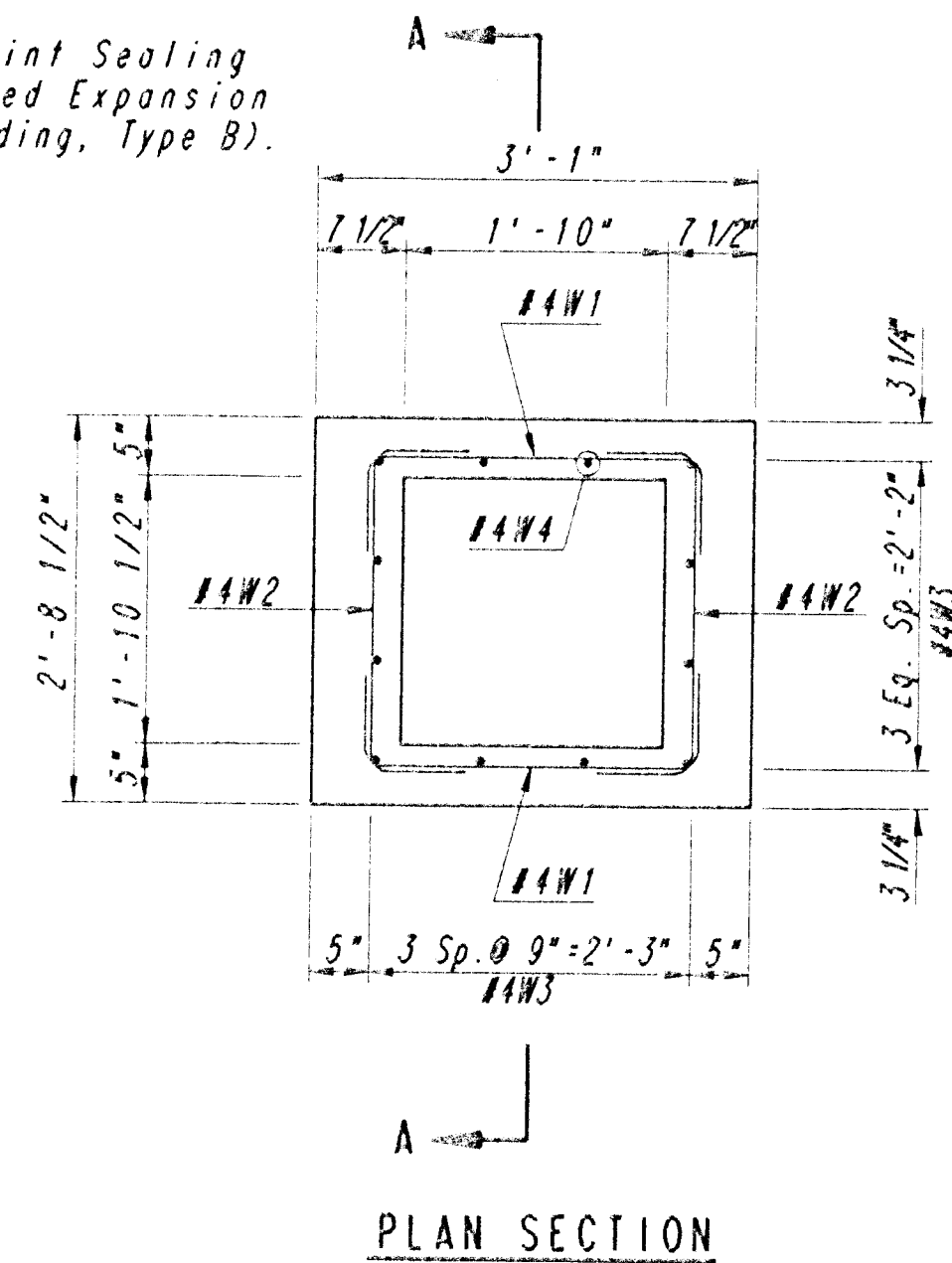
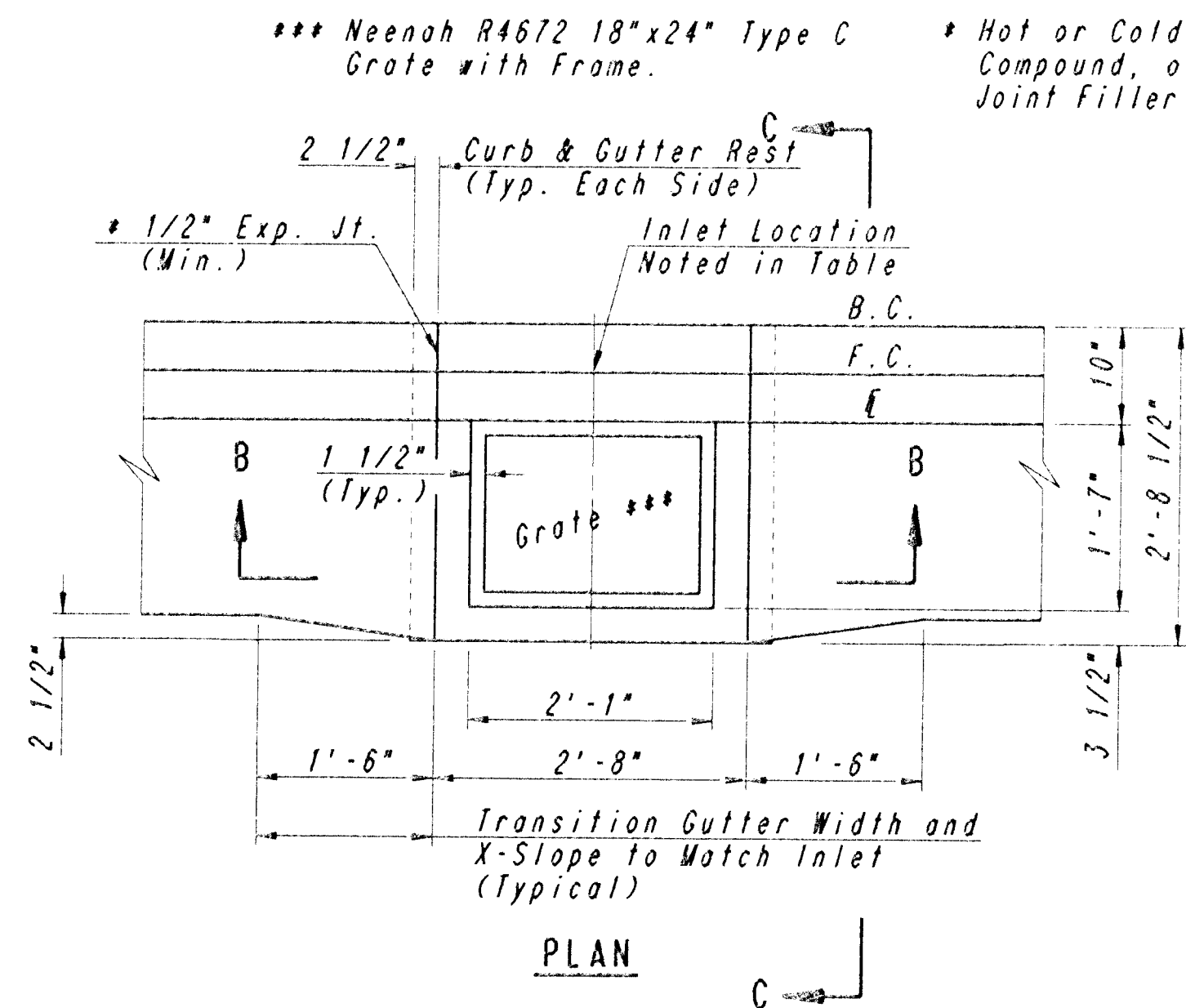
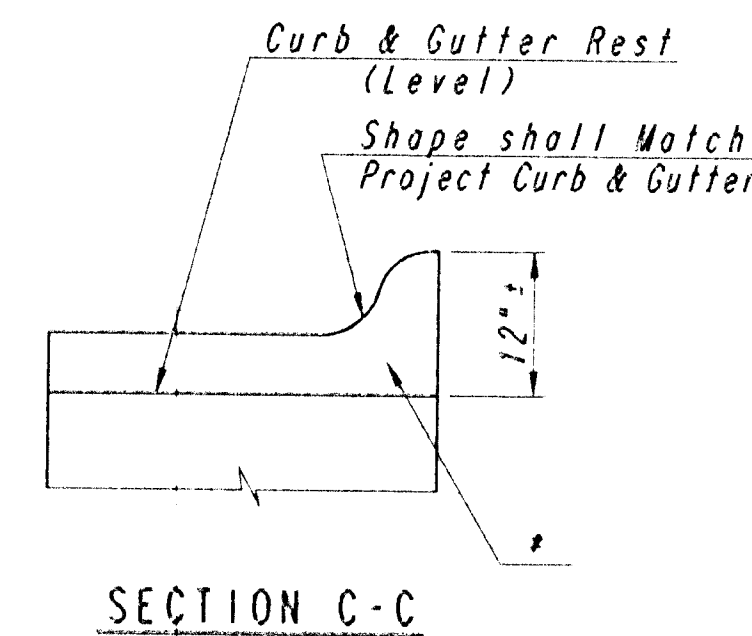


DRAWING NAME: 32-92005 IndianCircuit
LOCATION: 04 4143
INLET COORDINATES:
ROTATION: 0
DATE LAST WORKED ON: SEPT. 27, 1994
BRENT REMBERG



BENDING DIAGRAMS
Dimensions are out to out of bars



INLET AND PIPE SCHEDULE								
INLET NO.	LOCATION		H	PIPE				REMARKS
	N	E		SIZE	OUT	IN	LENGTH	
1439	9388.090	12521.135	5.0'	15"	109.56	106.48	76	
1436	9444.057	12572.455	6.0'	15"	106.48	105.00	19	
1435	9453.712	12587.966	6.5'	15"	105.00	99.50	70	Manhole
1434	9490.300	12647.680	—					End Section
1438	9413.406	12591.930	3.5'	15"	109.00	106.48	41	
1435	9453.712	12587.966	6.5'					
1454	9264.089	12481.581	3.5'	12"	109.58	108.42	74	
1456	9289.572	12411.758	3.5'	12"	108.42	107.36±	48	Connect to Existing 12" S.D.
1458	9262.556	12372.075	4.4'					
1455	9302.140	12333.900	1.67'	8"	108.88	107.36	55	Prefabricated Area Inlet to be NDS Super Speed Basin and Grate (12"x12"x20") or equal
1458	9262.556	12372.075	4.4'					

CURB INLET			
LEGEND		DIMENSIONS	
H		3'-6"	
BILL OF MATERIALS			
BAR SYMBOLS	BAR SIZES	BAR TOTALS	BAR LENGTHS
S1	#4	3	2'-5"
S2	#4	3	2'-9"
W1	#4	10	3'-8"
W2	#4	10	3'-7"
W3	#4	8	4'-2"
W4	#4	4	4'-8"
W5	#4	2	2'-4"
W6	#4	4	1'-9"
W7	#4	2	2'-2"
TOTAL REINFORCING		104.2 LBS	
CONCRETE		0.7 C.Y.	
INLET NO.			
1438, 1454			

CURB INLET			
LEGEND		DIMENSIONS	
H		5'-0"	
BILL OF MATERIALS			
BAR SYMBOLS	BAR SIZES	BAR TOTALS	BAR LENGTHS
S1	#4	3	2'-5"
S2	#4	3	2'-9"
W1	#4	12	3'-8"
W2	#4	12	3'-7"
W3	#4	8	5'-8"
W4	#4	4	6'-2"
W5	#4	2	2'-4"
W6	#4	8	1'-9"
W7	#4	2	2'-2"
TOTAL REINFORCING		130.6 LBS	
CONCRETE		1.0 C.Y.	
INLET NO.			
1439			

CURB INLET			
LEGEND		DIMENSIONS	
H		6'-0"	
BILL OF MATERIALS			
BAR SYMBOLS	BAR SIZES	BAR TOTALS	BAR LENGTHS
S1	#4	3	2'-5"
S2	#4	3	2'-9"
W1	#4	14	3'-8"
W2	#4	14	3'-7"
W3	#4	8	6'-8"
W4	#4	4	7'-2"
W5	#4	2	2'-4"
W6	#4	8	1'-9"
W7	#4	2	2'-2"
TOTAL REINFORCING		148.3 LBS.	
CONCRETE		1.2 C.Y.	
INLET NO.			
1436			

CURB INLET			
LEGEND		DIMENSIONS	
H		3'-6"	
BILL OF MATERIALS			
BAR SYMBOLS	BAR SIZES	BAR TOTALS	BAR LENGTHS
S1	#4	3	2'-5"
S2	#4	3	2'-9"
W1	#4	10	3'-8"
W2	#4	10	3'-7"
W3	#4	8	4'-2"
W4	#4	4	4'-8"
W5	#4	2	2'-4"
W6	#4	8	1'-9"
W7	#4	2	2'-2"
TOTAL REINFORCING		108.9 LBS	
CONCRETE		0.7 C.Y	
INLET NO.			
1456			

CURB INLET			
LEGEND		DIMENSIONS	
H		4'-4"	
BILL OF MATERIALS			
BAR SYMBOLS	BAR SIZES	BAR TOTALS	BAR LENGTHS
S1	#4	3	2'-5"
S2	#4	3	2'-9"
W1	#4	10	3'-8"
W2	#4	10	3'-7"
W3	#4	8	5'-1"
W4	#4	4	5'-7"
W5	#4	2	2'-4"
W6	#4	8	1'-9"
W7	#4	2	2'-2"
TOTAL REINFORCING		116.1 LBS.	
CONCRETE		0.9 C.Y.	
INLET NO.			
1458			

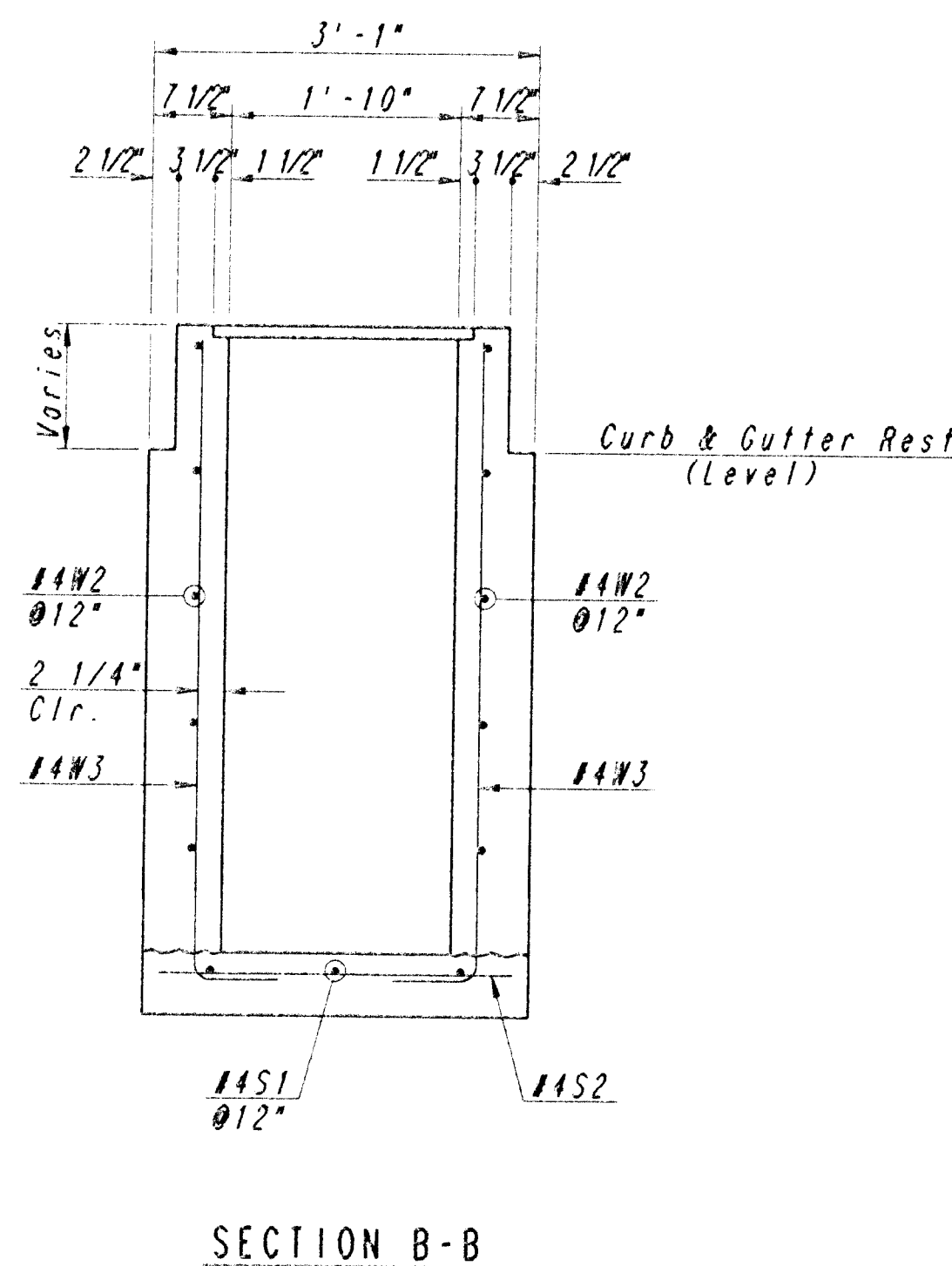
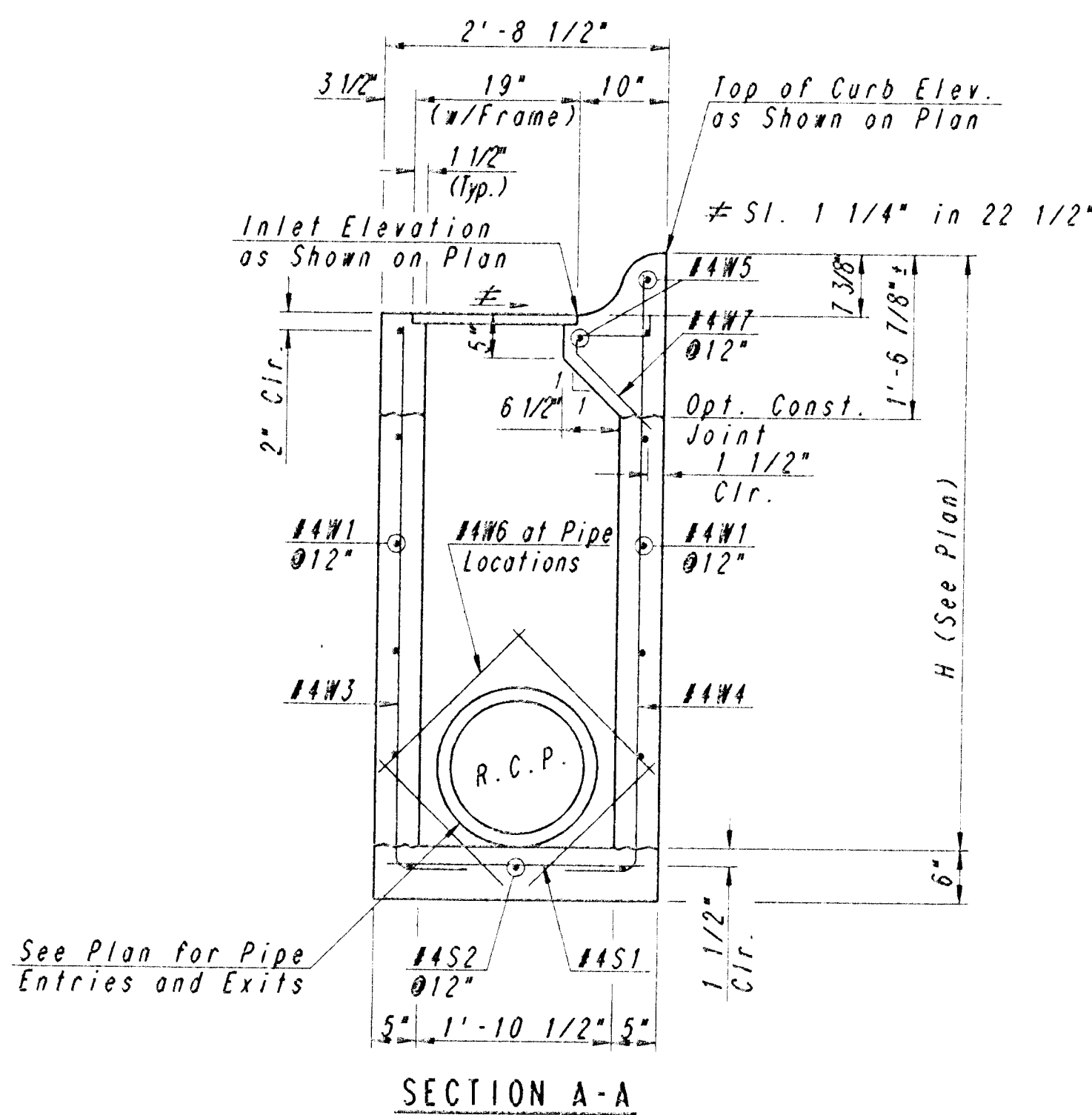
CONCRETE: CONCRETE SHALL BE AS PER CITY OF WICHITA STANDARD SPECIFICATIONS FOR CONCRETE PAVING MIX EXCEPT THAT IT SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3,000 P.S.I. ALL PIPES SHALL BE FLUSH CUT PRIOR TO BEING CAST INTO THE INLET.

REINFORCING STEEL: ALL DIMENSIONS RELATIVE TO REINFORCING STEEL ARE TO CENTERLINE OF BAR UNLESS OTHERWISE NOTED. ALL REINFORCING STEEL SHALL CONFORM TO A.S.T.M. DESIGNATION A615 GRADE 60. BAR BENDING AND DIMENSIONS SHALL BE AS SHOWN AND NOTED ON THE BAR BENDING DIAGRAMS. THE CONCRETE COVER FOR ALL REINFORCING SHALL BE A MINIMUM OF 1 1/2" UNLESS OTHERWISE NOTED. CUT AND/OR BEND REINFORCING TO CLEAR OPENINGS.

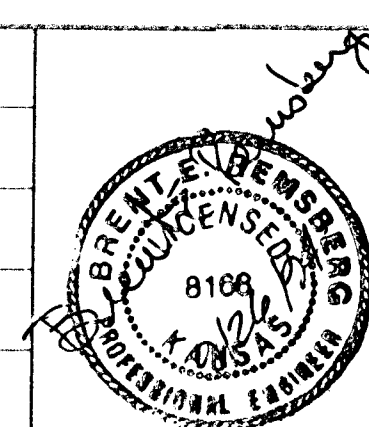
SHAPING: INLET INVERT SHALL BE SHAPED WITH 8 SACK SAND MIX CONCRETE TO CREATE FLOW CHANNELS AND TO INCREASE HYDRAULIC EFFICIENCY SUCH THAT THE INLET WILL BE SELF CLEANING BETWEEN ALL INLET AND/OR OUTLET PIPES.

FRAME AND GRATE: VERIFY OUTSIDE DIMENSIONS OF FRAME PRIOR TO FORMING THE INLETING.

PAYMENT: A DEDUCTION IN CONCRETE QUANTITIES HAS NOT BEEN MADE FOR THE PIPE OPENING. THE "CURB INLET" SHALL BE PAID FOR AT THE UNIT PRICE BID PER EACH IN PLACE INCLUDING CONCRETE, REINFORCING STEEL, EXCAVATION, FRAME, GRATE AND ALL OTHER MISCELLANEOUS MATERIALS, LABOR, TOOLS, EQUIPMENT, AND INCIDENTALS NECESSARY TO COMPLETE THE WORK. QUANTITIES SHOWN ARE FOR INFORMATION ONLY.



REV.	DATE	DESCRIPTION



HELLMUTH, OBATA & KASSEBAUM, INC.
DALLAS, TEXAS

PROFESSIONAL ENGINEERING
CONSULTANTS, P.A.
WICHITA, KANSAS

BRAD J. GOLDBERG
DALLAS, TEXAS

MID-AMERICA
ALL-INDIAN CENTER
CITY OF WICHITA, KANSAS

GUTTER INLET DETAILS

PROJECT NO.	ISSUE DATE	SCALE	SHEET
		NO SCALE	U2