

STORM WATER SEWER NO. 144 CITY OF WICHITA, KS.

DEAN SELLERS - ACTING CITY ENGINEER

PROJECT NO. 468 76 245 80620 000 000 001

DATE :

- GENERAL NOTES**
- CONTRACTOR SHALL COORDINATE WORK WITH PAVING AND SANITARY CONTRACTORS, AND CONTACT RELEVANT UTILITY COMPANIES AND OTHER AGENCIES INVOLVED WITH THIS PROJECT SITE DEVELOPMENT.
 - FIELD ENGINEER SHALL TAKE TIES TO ALL EXISTING AND PROPOSED STREETS AND ALLEYS IN PROJECT AREA BEFORE CONSTRUCTION BEGINS. FIELD ENGINEER SHALL REPLACE ALL SUCH TIES AND REPAIRS AT OWNERS RISK DURING CONSTRUCTION.
 - THE TOPS OF INLETS AND MANHOLES AS NOTED ON THE PLANS MAY VARY SO AS TO MEET PROPOSED TOP OF CURB ELEVATIONS OR DRAINAGE ELEVATIONS. THE FIELD ENGINEER SHALL LOCATE INLETS AND MANHOLES WITH REFERENCE TO PROPOSED PAVING PLANS OF THE PERTINENT STREETS.
 - ALL RIGID PIPES SHALL BE SPECIALLY FORMULATED PIPE FULLY COATED BOTH INSIDE AND OUTSIDE. THE COATING MAY BE BITUMINOUS OR POLYMERIC AS SPECIFIED IN PARTS DESTINATION: M&G - 78, TYPE B. ALL SUCH COATED OR COATING PIPE SHALL BE SMOOTH FLOW PIPES FOR LINES 24" DIAMETER OR LARGER. ALL CONNECTIONS FOR THESE FULLY COATED OR FULLY LINED AND FULLY COATED PIPES SHALL BE FAIRLY WATER-TIGHT CONSTRUCTED USING HUGGER TYPE COUPLER OR EQUAL.
 - ALL CONCRETE SHALL BE "6-BACK CONCRETE" UNLESS OTHERWISE NOTED.
 - THE ALLEYS FOR THIS PROJECT SHALL BE TYPE 3. THE TYPE 3 ALLEYS SHALL BE 12" RIPPAP OR 6" SAND AND GRAVEL BEDDING. THE RIPPAP FOR RIPPAP AND GRAVEL BEDDING SHALL BE HARD, DENSE, DURABLE, AND SHALL BE WEATHERABLY WELL GRADED. THE SIZE RANGE OF ROCK USED SHALL BE A MAXIMUM OF 3/8" DIA. AND A MINIMUM OF 1/8" DIA. THE 6 INCH SAND AND GRAVEL BEDDING FOR RIPPAP SHALL BE A CONTINUOUS LAYER OF SAND AND GRAVEL OR SAND CRUSHED ROCK, REASONABLY WELL GRADED TO A MAXIMUM OF 1/8" IN SIZE.
 - CONTRACTOR SHALL AVOID UNCOVERING EXISTING WATERLINES UNLESS ABSOLUTELY NECESSARY. UNCOVERING SHALL BE DONE ONLY IN THE PRESENCE OF A WATER DEPARTMENT ENGINEER.
 - CONTRACTOR SHALL HAVE THE OPTION OF INSTALLING PRE-CAST TYPE 1A CURB INLET IN LIEU OF THE BRICK TYPE STRUCTURE. ALL STANDARD DETAIL PRE-CAST TYPE 1A CURB INLET DATE: AUGUST, 1979.

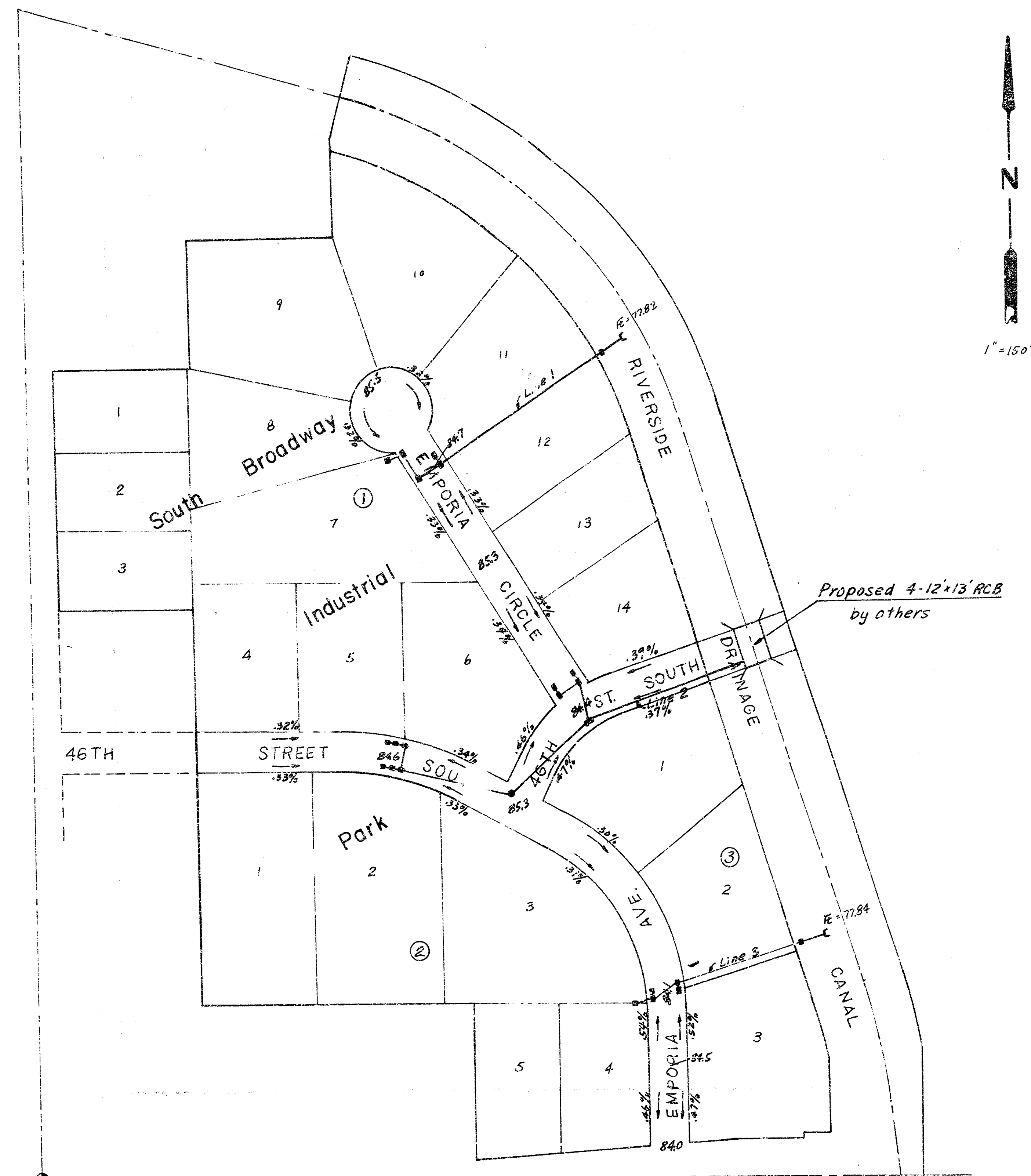
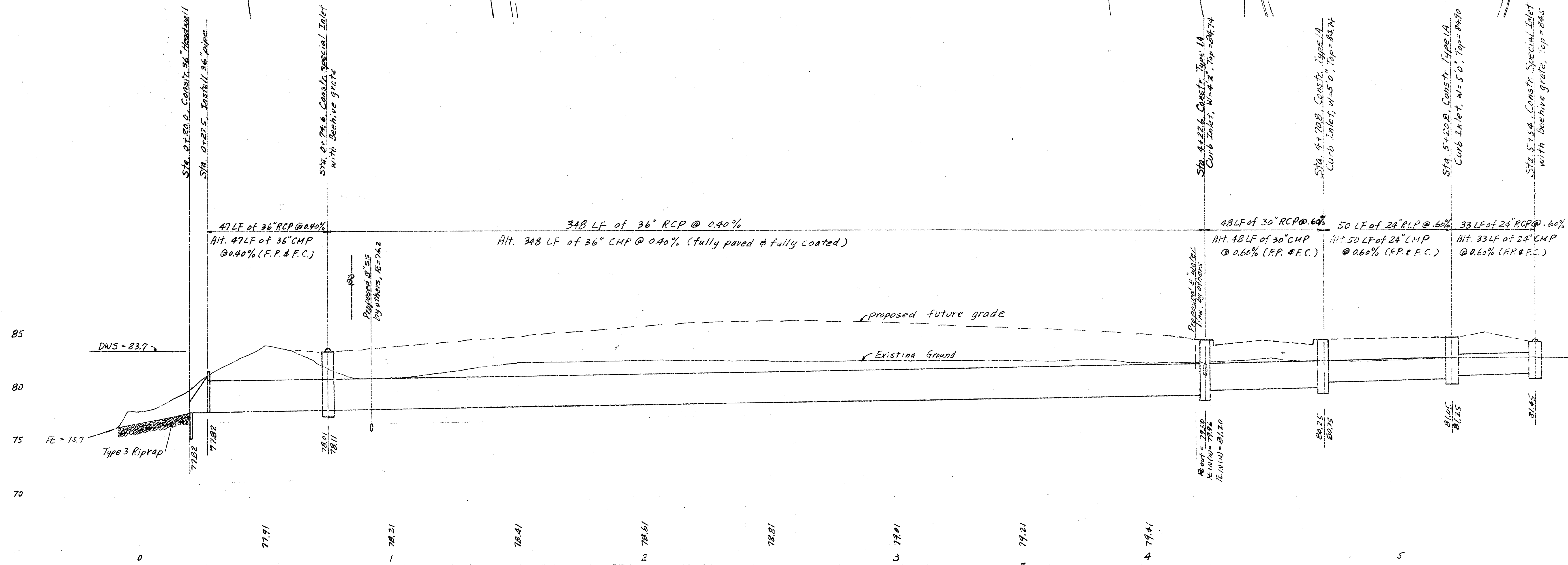
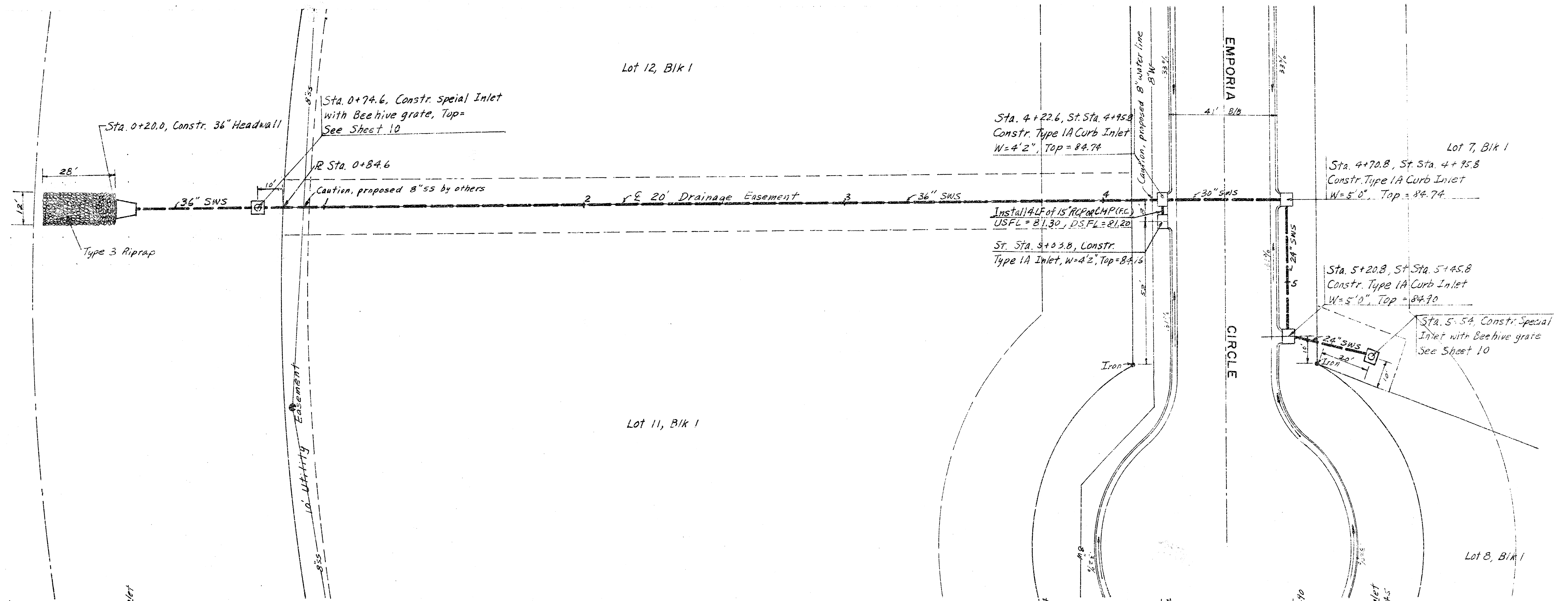
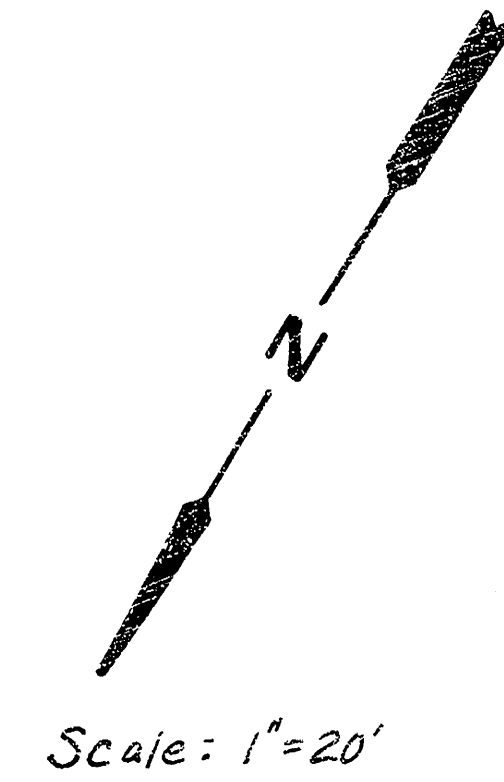
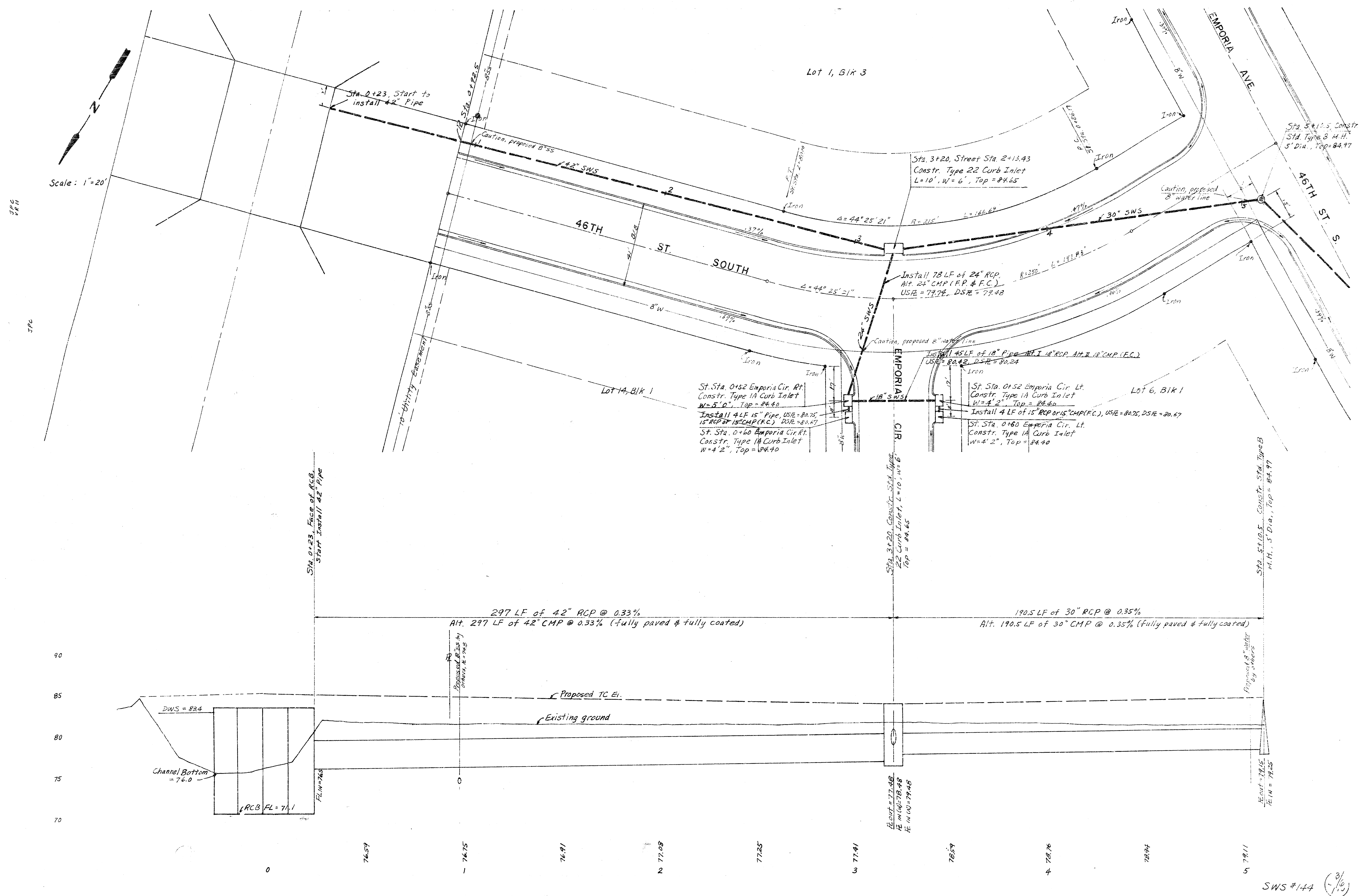
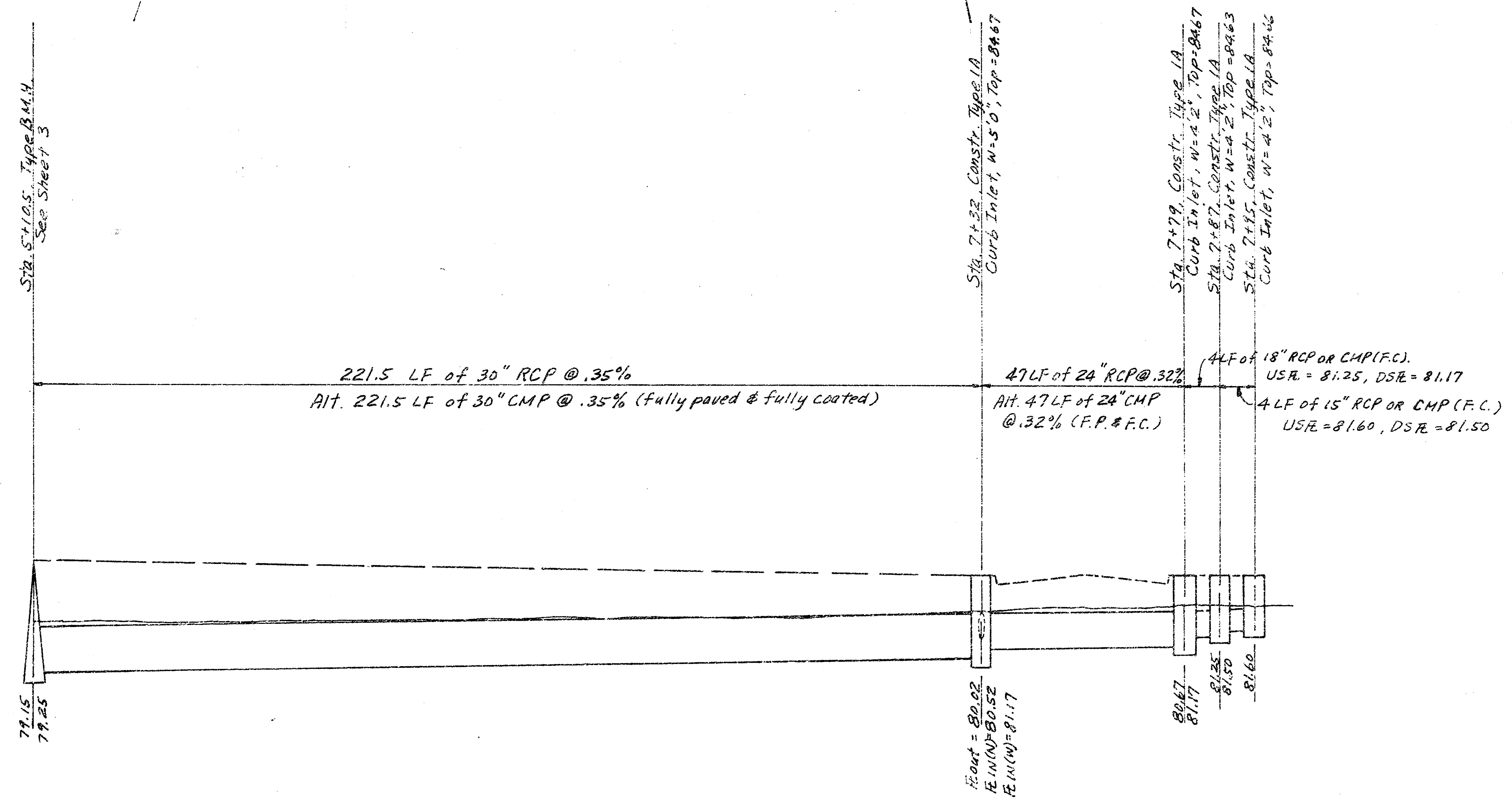
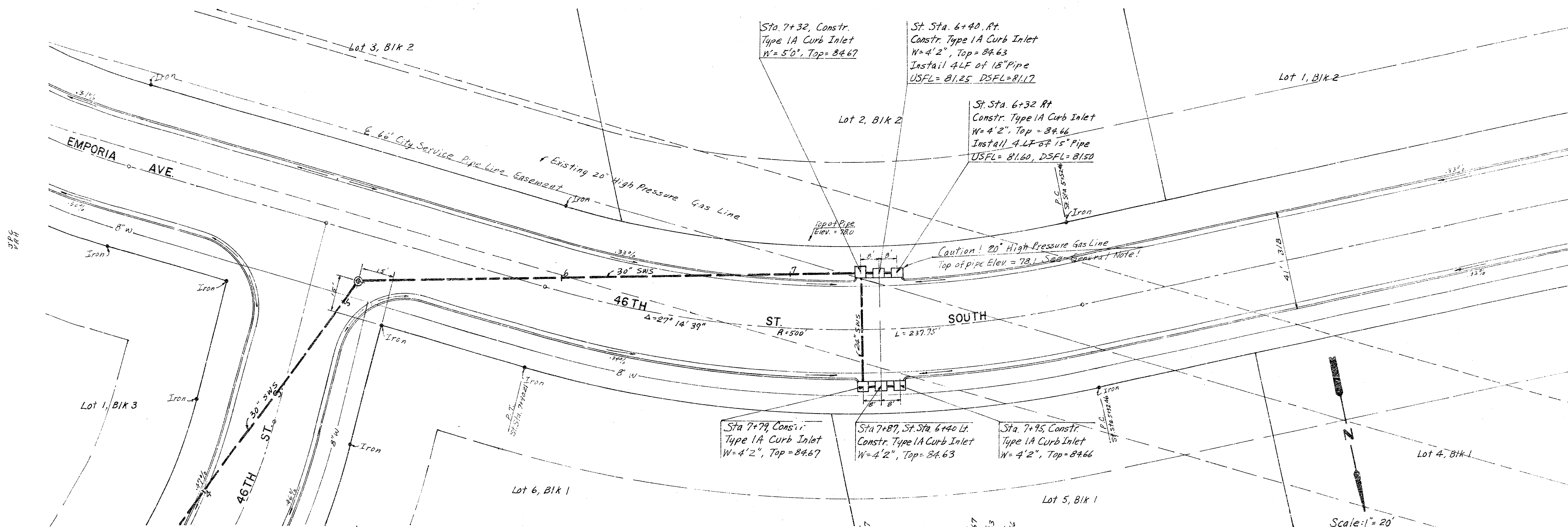


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SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	LINE 1
3-4	LINE 2
5	LINE 3
6	TYPE 1A CURB INLET
7	TYPE 22 INLET
8	STD. MANHOLE
9	CONCRETE HEADWALL
10	SPECIAL INLET W. BEEHIVE GRATE



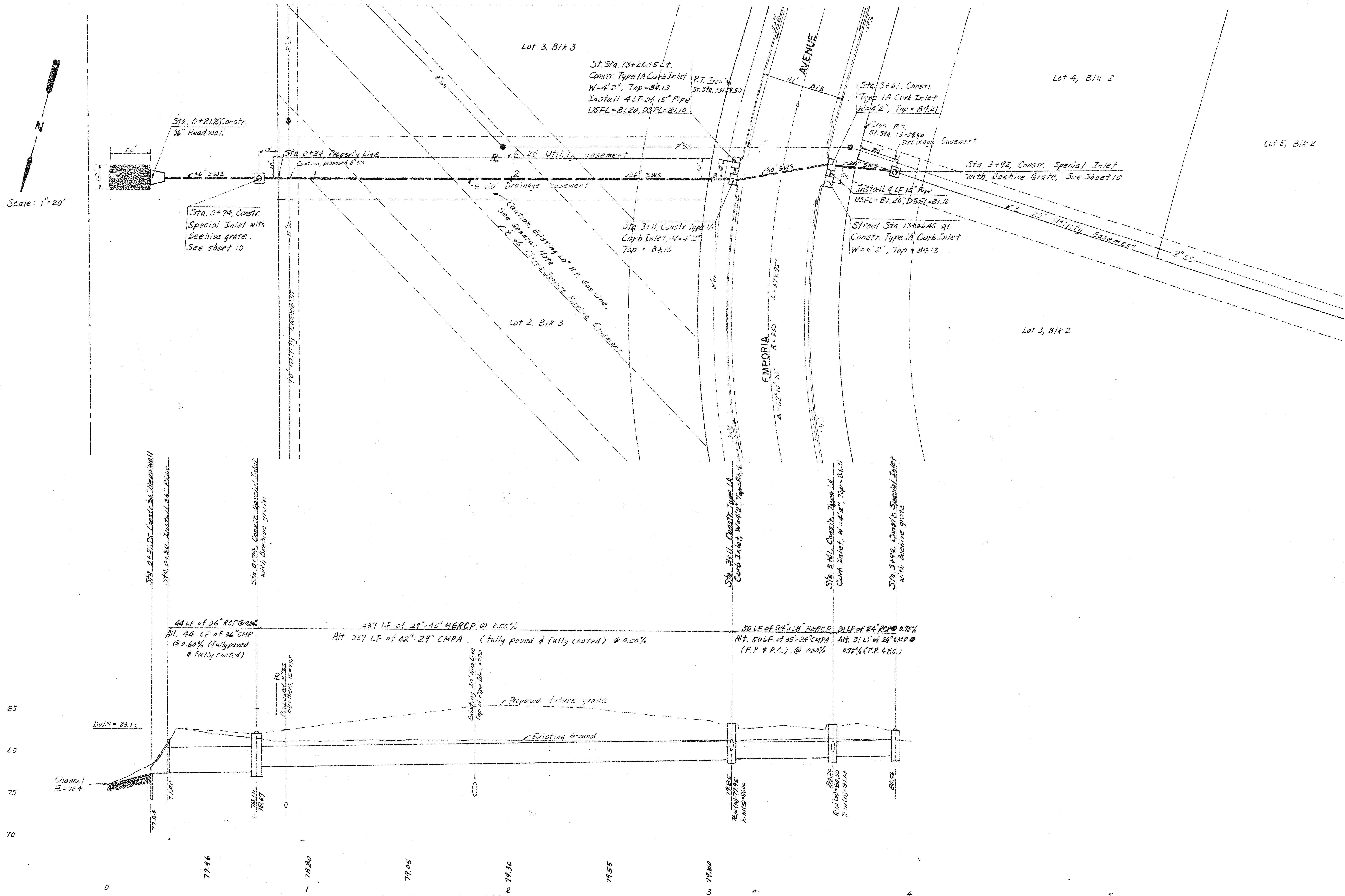


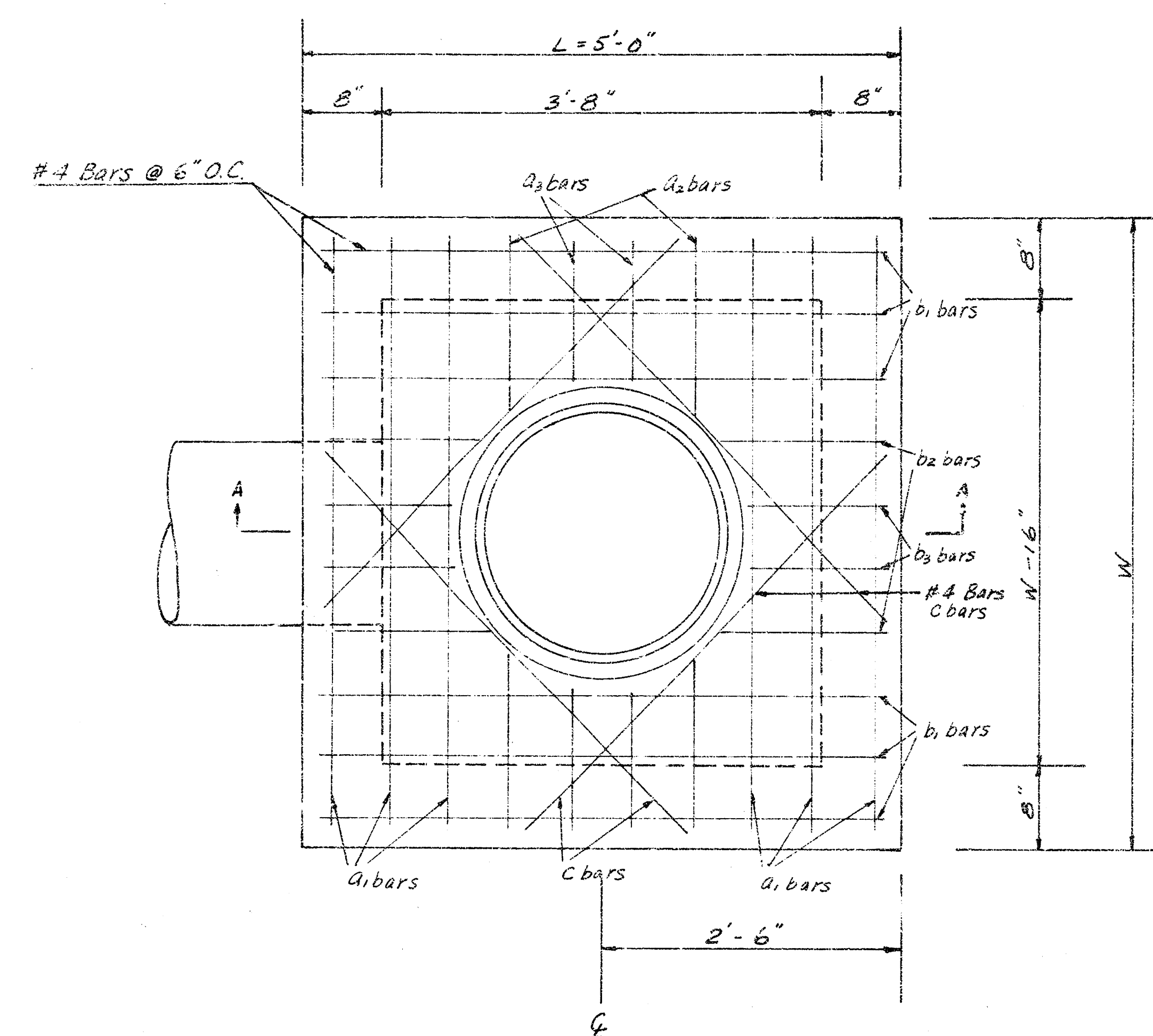


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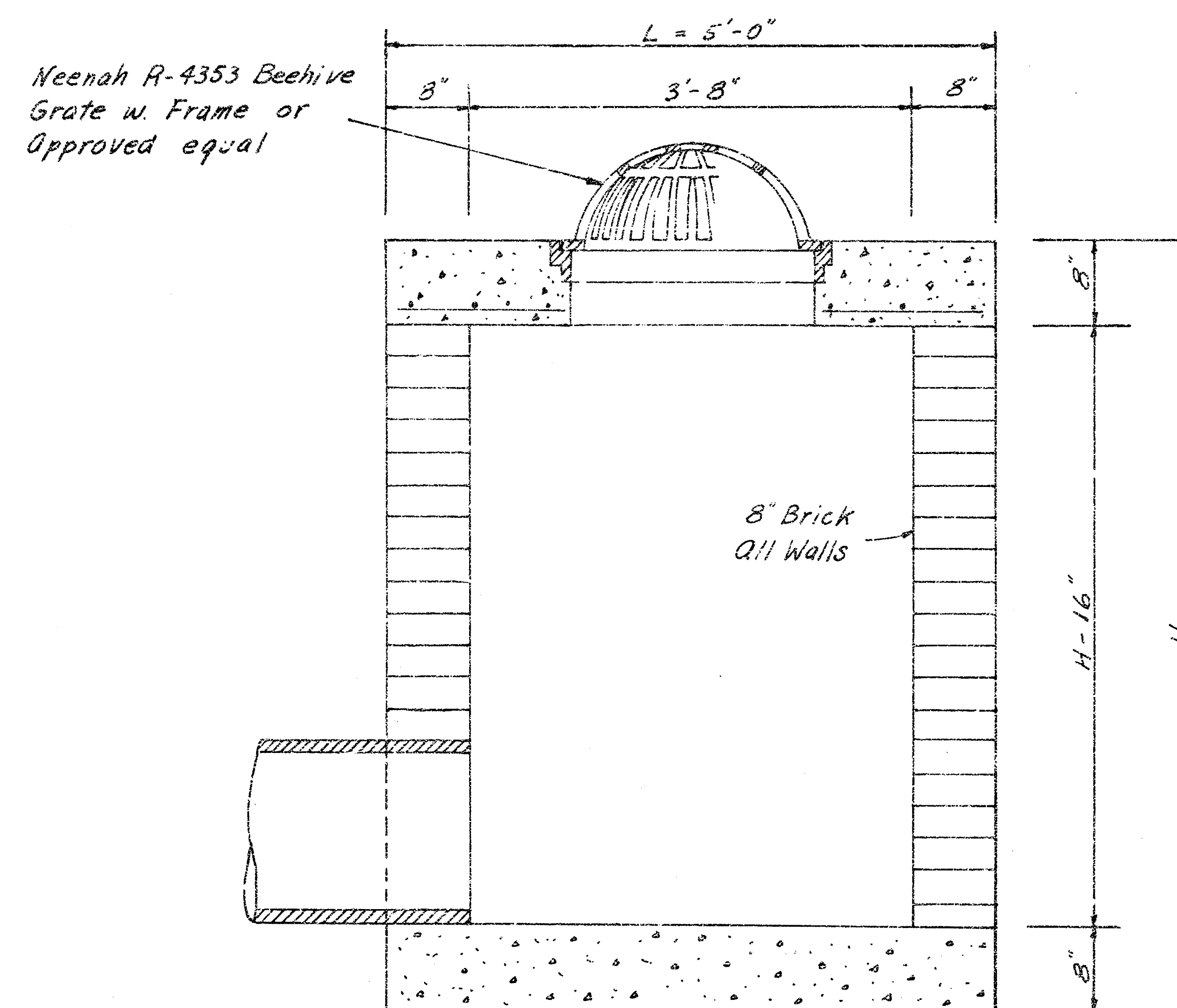
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Scale: 1" = 20'





PLAN
(SCALE 1" = 1'0")



SECTION A-A
(SCALE 1" = 1'0")

STEEL SCHEDULE

BAR	a ₁	a ₂	a ₃	b ₁	b ₂	b ₃	C	WT. LBS	PIPE SIZE	Cu Yd. Conc.
NUMBER	6	4	4	6	8	4	4			
SIZE	#4	#4	#4	#4	#4	#4	#4			
LENGTH	4'8"	1'6"	1'1"	4'8"	1'6"	1'1"	4'4"	63	24"	1.17
	5'8"	2'0"	1'7"	4'8"	1'6"	1'1"	4'10"	77	36"	1.41

DETAILS OF
SPECIAL INLET WITH BEEHIVE GRATE
 CITY OF WICHITA, KANSAS
 S.W.S. NO. 144
 PROJECT NO. 468 76 245 80620 000 000 001