

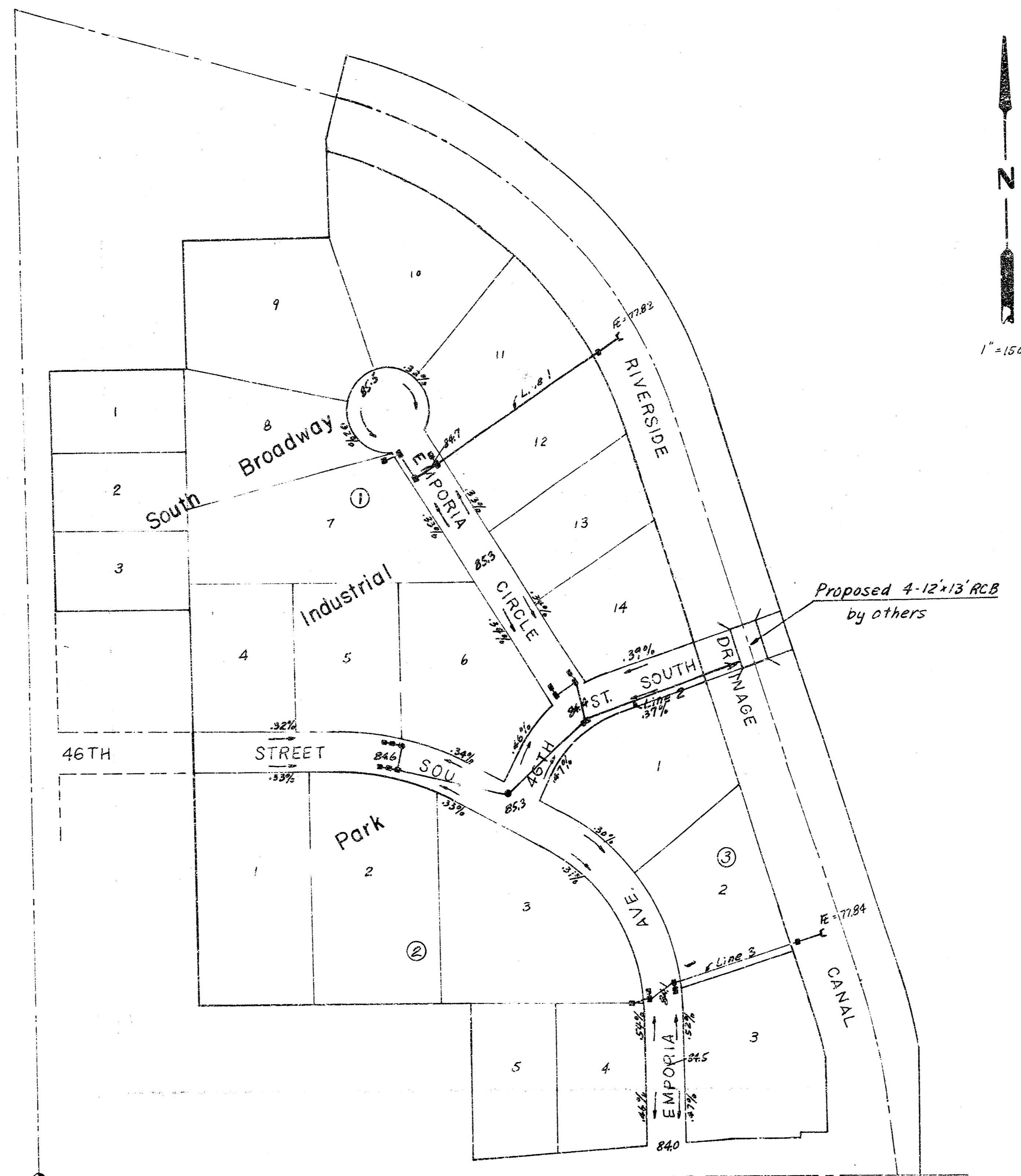
# STORM WATER SEWER NO. 144 CITY OF WICHITA, KS.

DEAN SELLERS - ACTING CITY ENGINEER

PROJECT NO. 468 76 245 80620 000 000 001

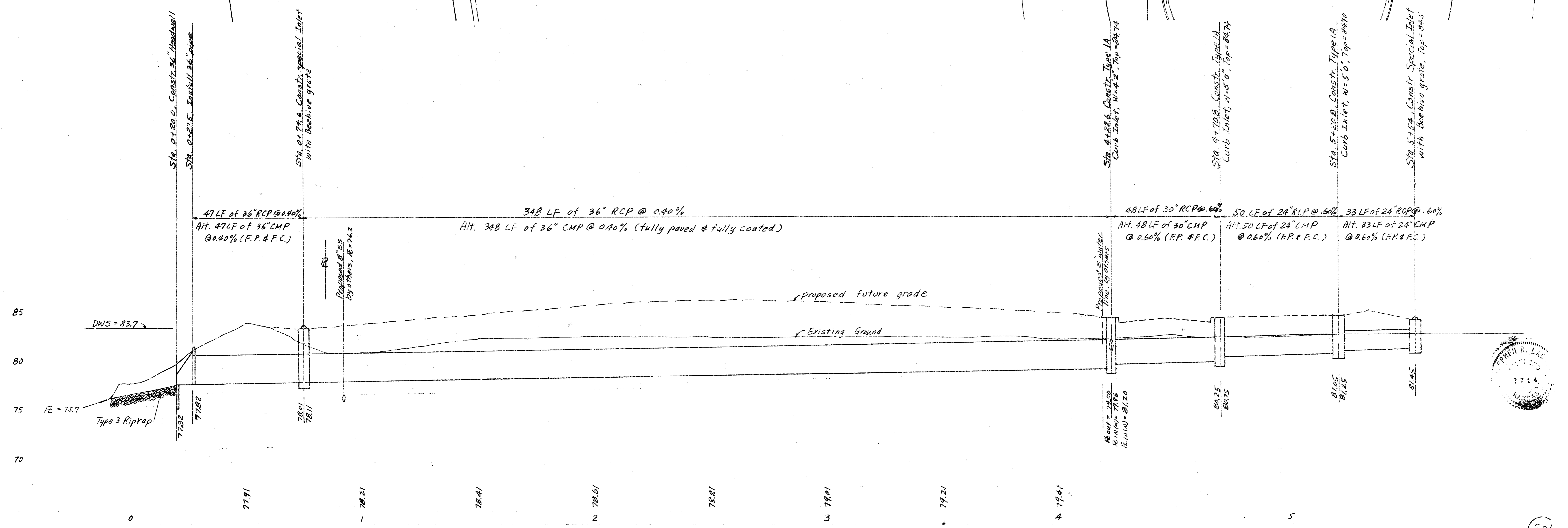
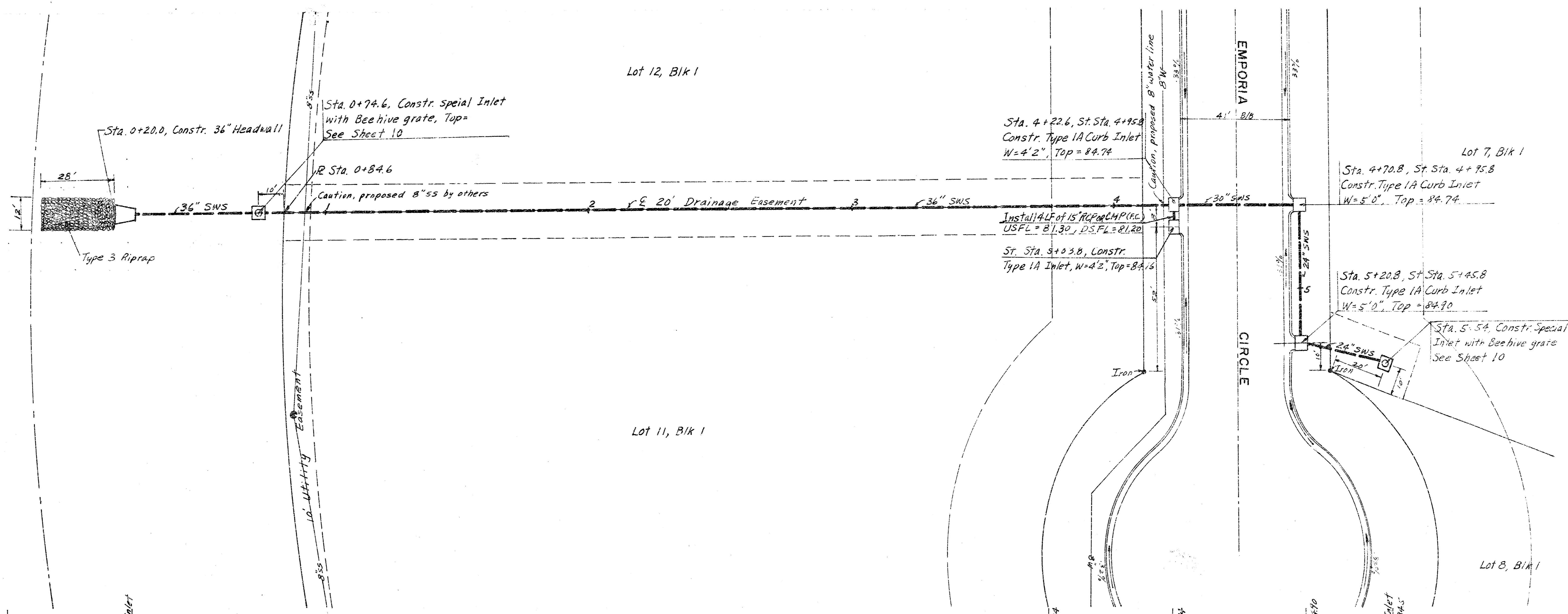
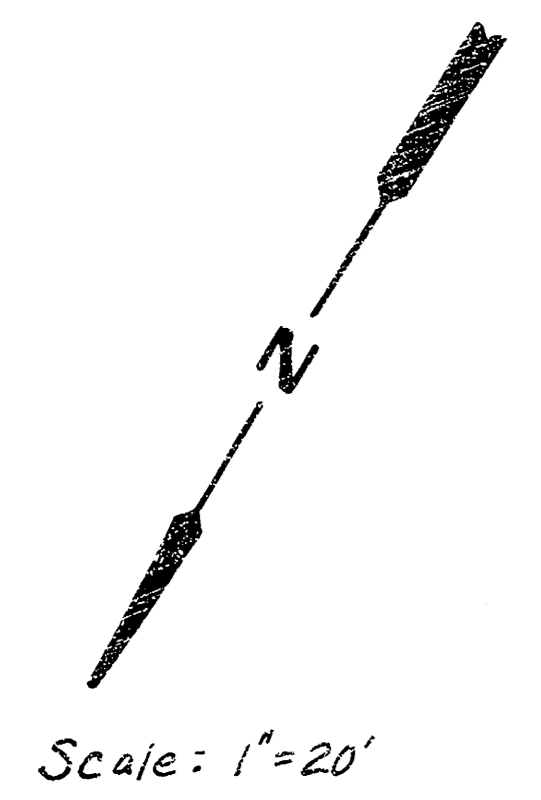
DATE :

- GENERAL NOTES**
- 1.) CONTRACTOR SHALL COORDINATE WORK WITH PAVING AND SANITARY CONTRACTORS, AND CONTACT RELEVANT UTILITY COMPANIES AND OTHER AGENCIES INVOLVED WITH THIS PROJECT EARLY IN THE PROJECT.
  - 2.) FIELD ENGINEER SHALL TAKE TIES TO ALL EXISTING AND PROPOSED STREETS AND ADJACENT AREAS BEFORE CONSTRUCTION BEGINS. FIELD ENGINEER SHALL REPLACE ALL SUCH TIES AND REPAIRS TO EXISTING CONSTRUCTION.
  - 3.) THE TOPS OF INLETS AND MANHOLES AS NOTED ON THE PLANS MAY VARY TO MEET PROPOSED TOP OF CURB ELEVATIONS OR PAVED ELEVATIONS. THE FIELD ENGINEER SHALL LOCATE INLETS AND MANHOLES WITH REFERENCE TO PROPOSED PAVING PLANS OF THE PERTINENT STREETS.
  - 4.) ALL MANHOLE PIPES SHALL BE RELIABLY CORRUGATED PIPE FULLY COATED 50M INSIDE AND OUTSIDE. THE COATING MAY BE BITUMINOUS OR POLYMER AS SPECIFIED IN PARTS SPECIFICATION M-66 - 78, TYPE B. ALL SUCH COATED CORRUGATED PIPE SHALL BE SMOOTH FLOW PIPES FOR LINES 24" DIAMETER OR LARGER. ALL CONNECTIONS FOR INLETS FULLY COATED OR FULLY PAVED AND FULLY COATED PIPES SHALL BE FAIRLY AND TIGHTLY CONSTRUCTED USING HUGGER TYPE COUPLER OR EQUAL.
  - 5.) ALL CONCRETE SHALL BE "6-BACK CONCRETE" UNLESS OTHERWISE NOTED.
  - 6.) THE RIPRAP FOR THIS PROJECT SHALL BE TYPE 3. THE TYPE 3 RIPRAP SHALL BE 12" RIPRAP ON 6" SAND AND GRAVEL BEDDING. THE SAND FOR RIPRAP AND GRAVEL BEDDING SHALL BE HARD, SENSIBLE, DURABLE, AND SHALL BE REASONABLY WELL GRADED. THE SIZE RANGE OF ROCK USED SHALL BE A MAXIMUM OF 36" DIAMETER AND A MINIMUM OF 4 1/2" INCH. THE 6 INCH SAND AND GRAVEL BEDDING FOR RIPRAP SHALL BE A CONTINUOUS LAYER OF SAND AND GRAVEL OR SAND CROSSED ROCK, REASONABLY WELL GRADED TO A MAXIMUM OF 1 1/2 INCHES IN SIZE.
  - 7.) CONTRACTOR SHALL AVOID UNCOVERING EXISTING WATERLINES UNLESS ABSOLUTELY NECESSARY. UNCOVERING SHALL BE DONE ONLY IN THE PRESENCE OF A WATER DEPARTMENT ENGINEER.
  - 8.) 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 SHALL MEET, 1-79.

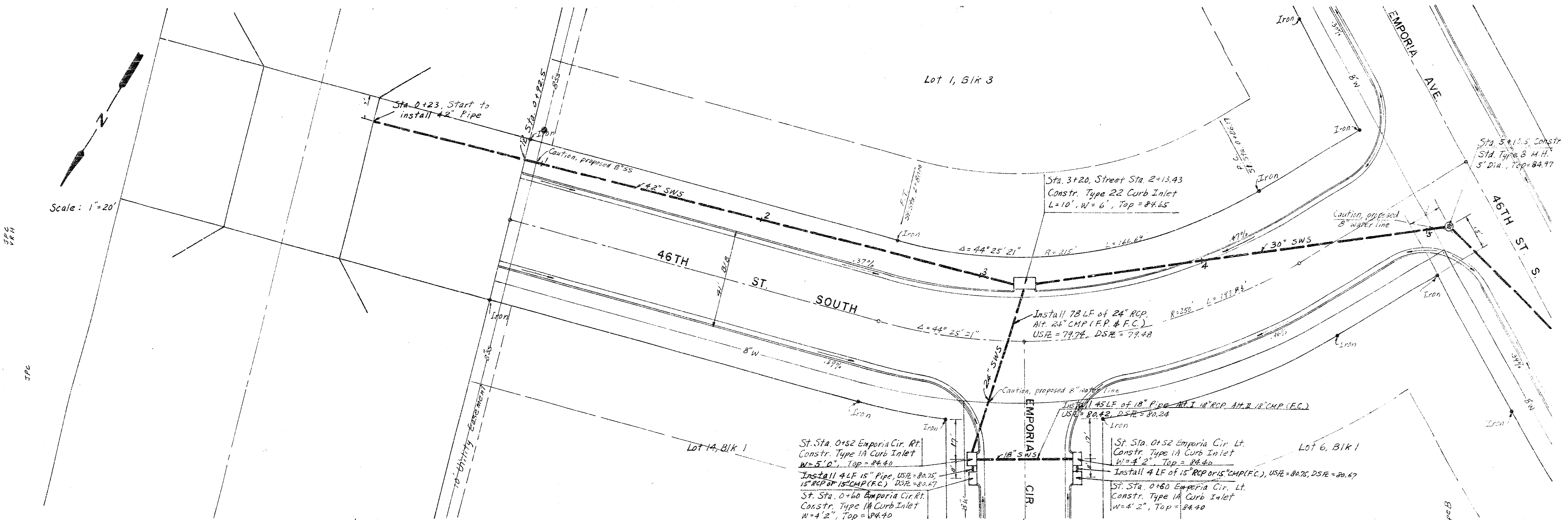


## TABLE OF CONTENTS

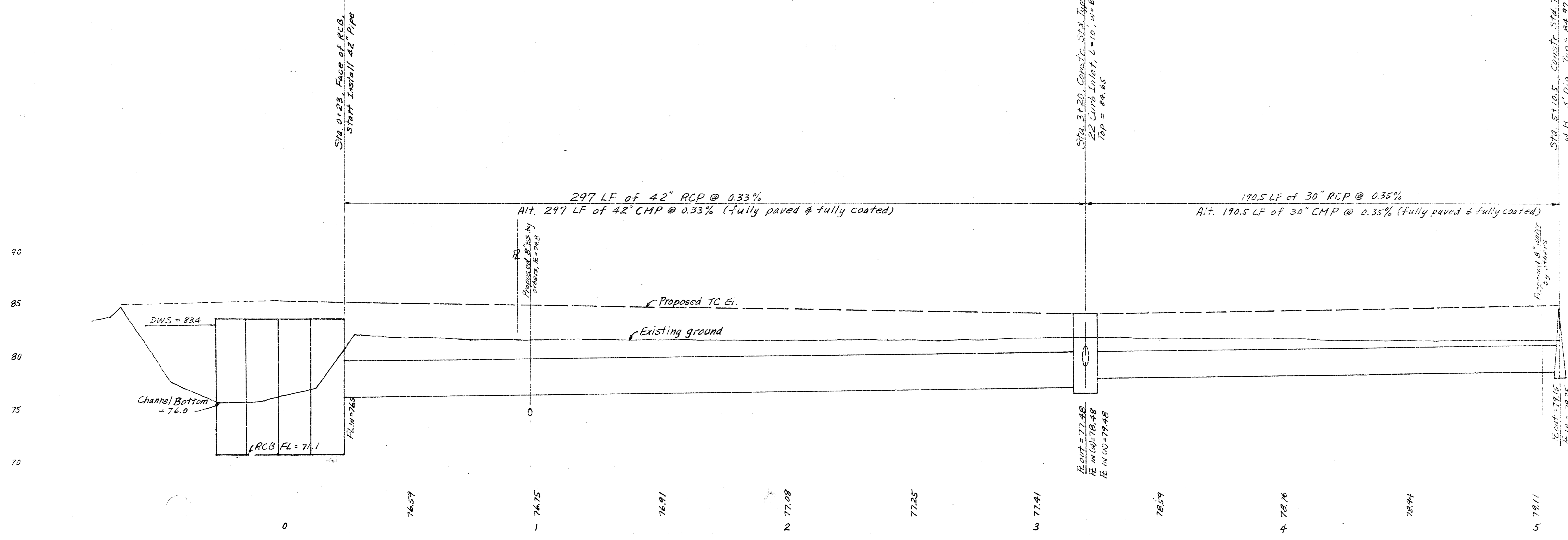
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	LINE 1
3-4	LINE 2
5	LINE 3
6	TYPE 1A CURB INLET
7	TYPE 22 INLET
8	STD. MANHOLE
9	CONCRETE HEADWALL
10	SPECIAL INLET W. BEEHIVE GRATE

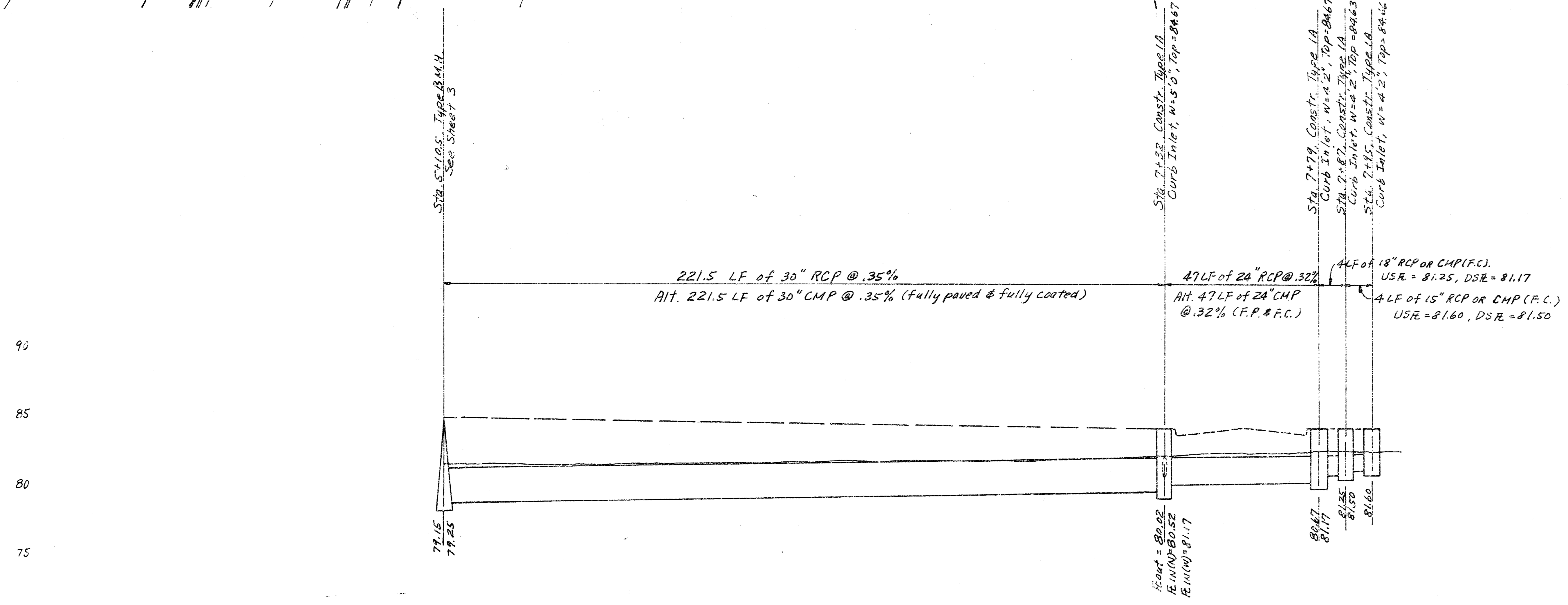
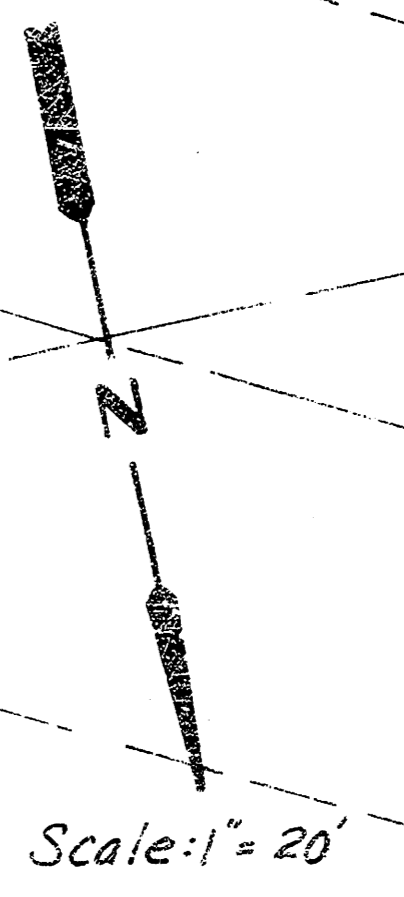
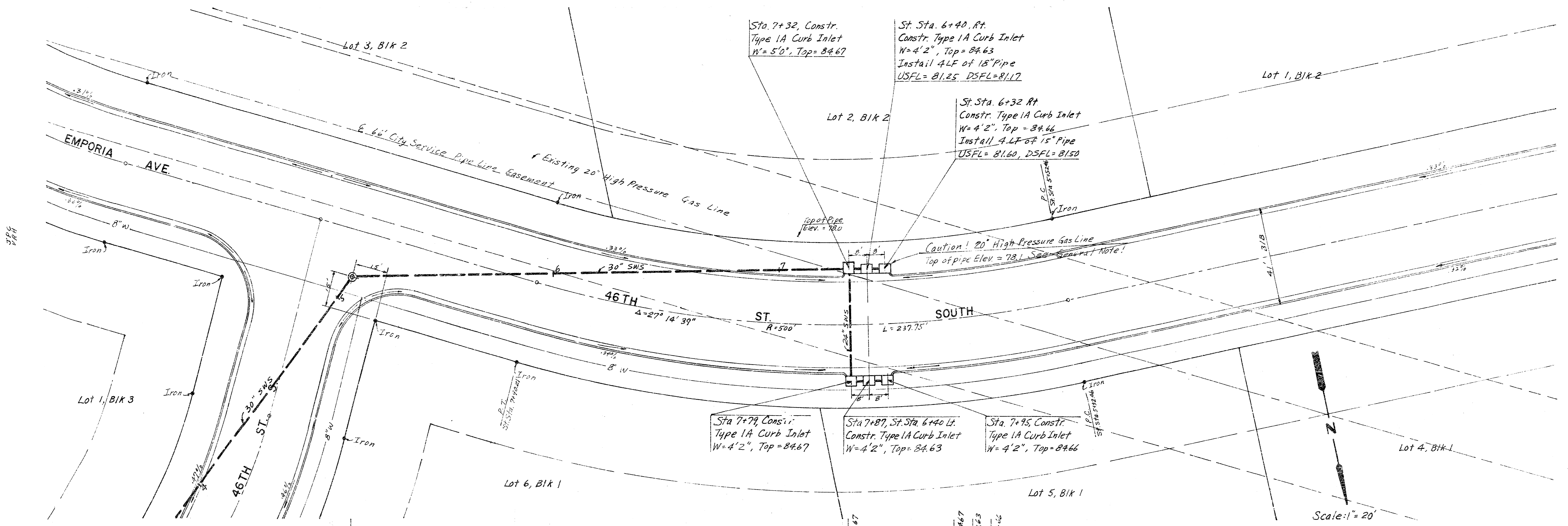


SWS # 144 22/16



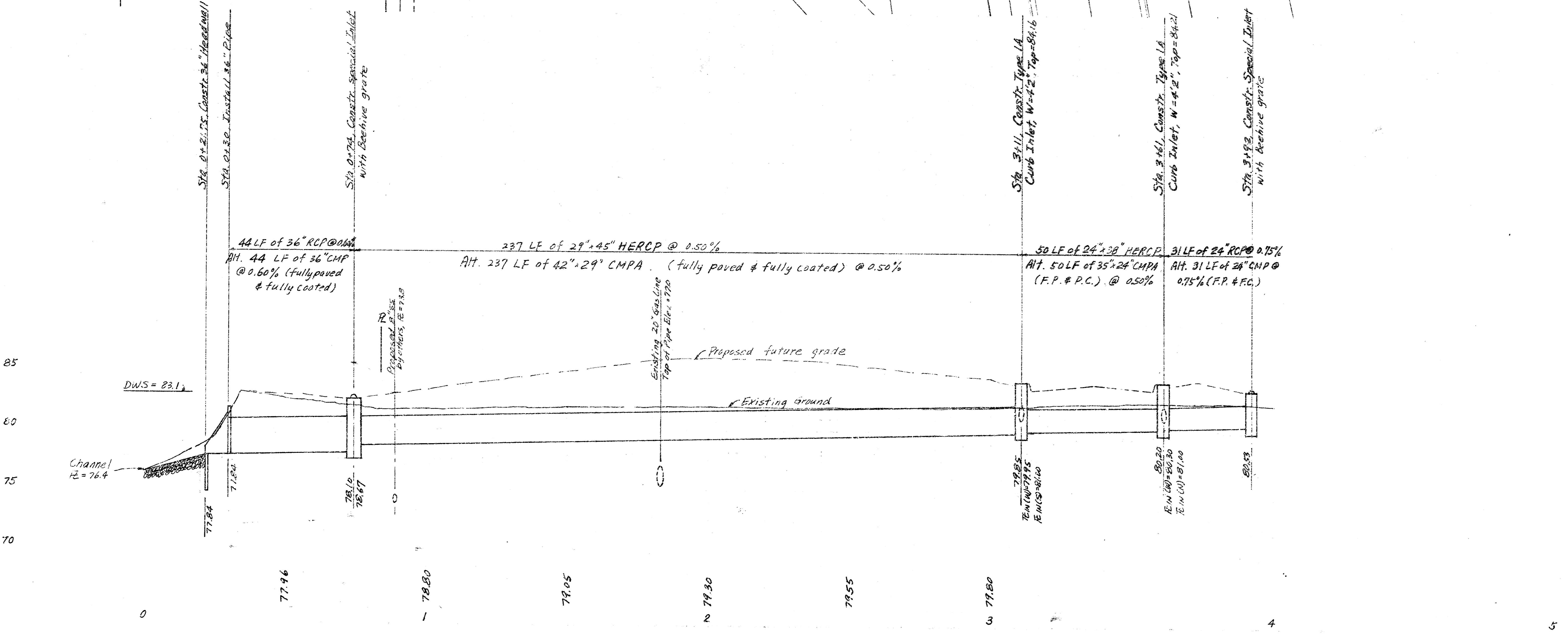
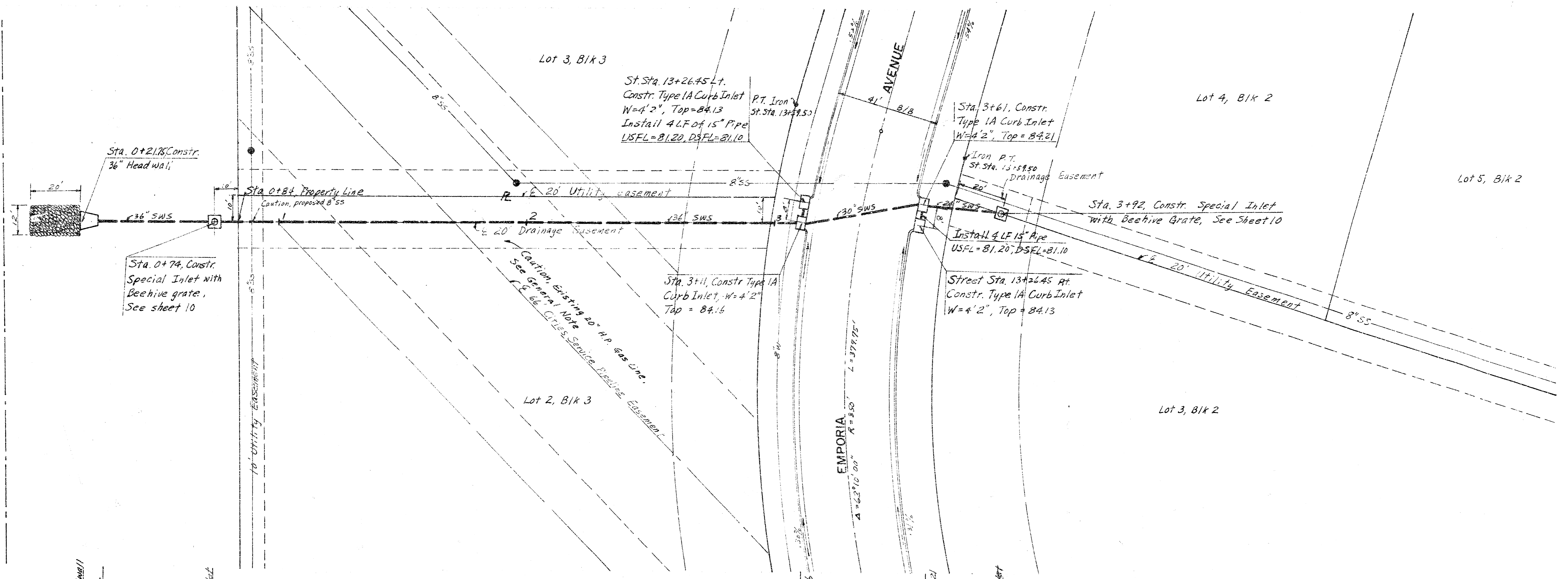
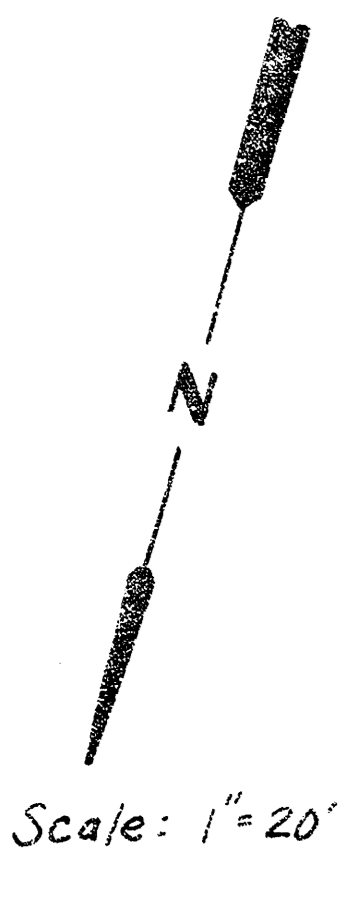
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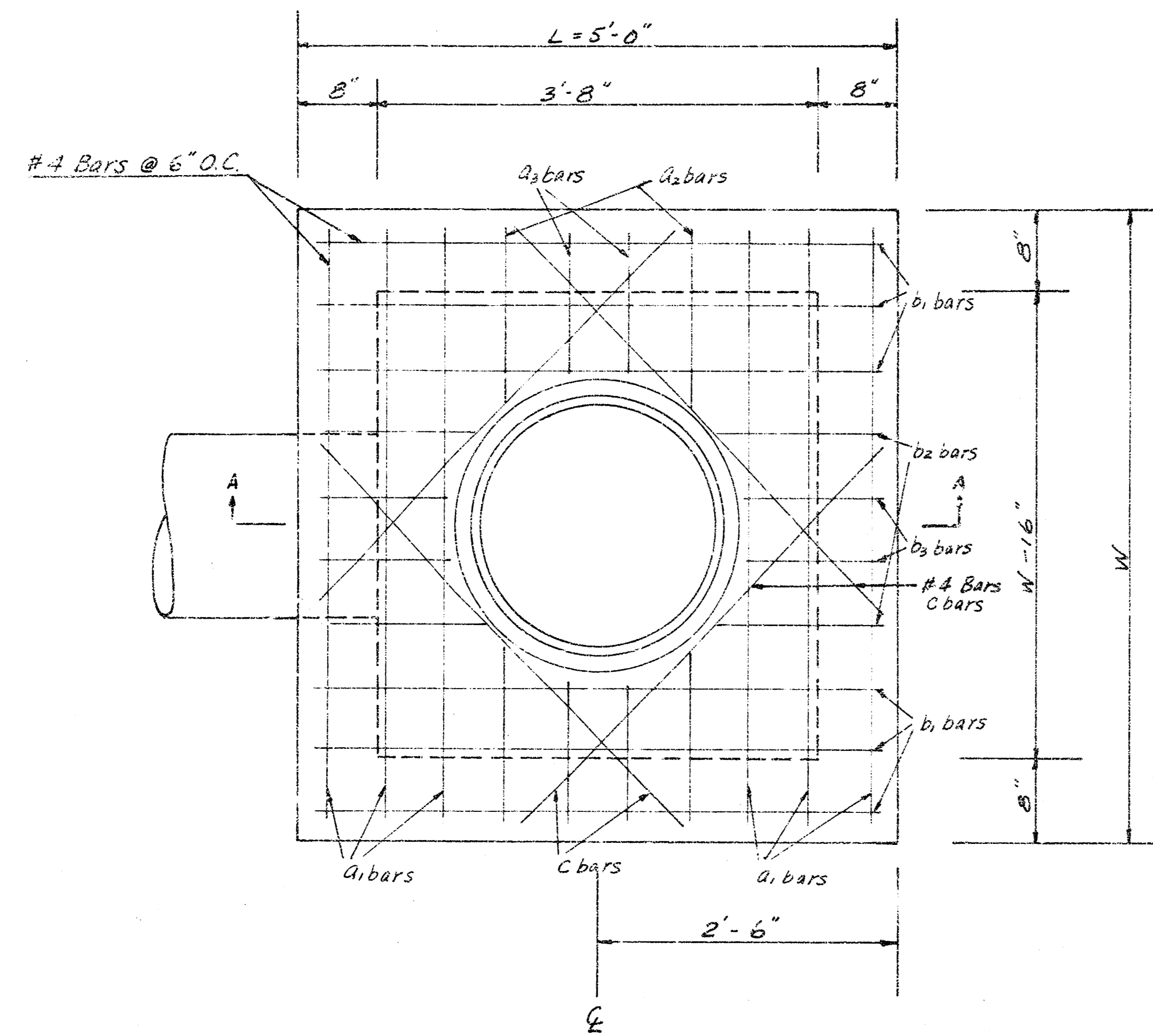




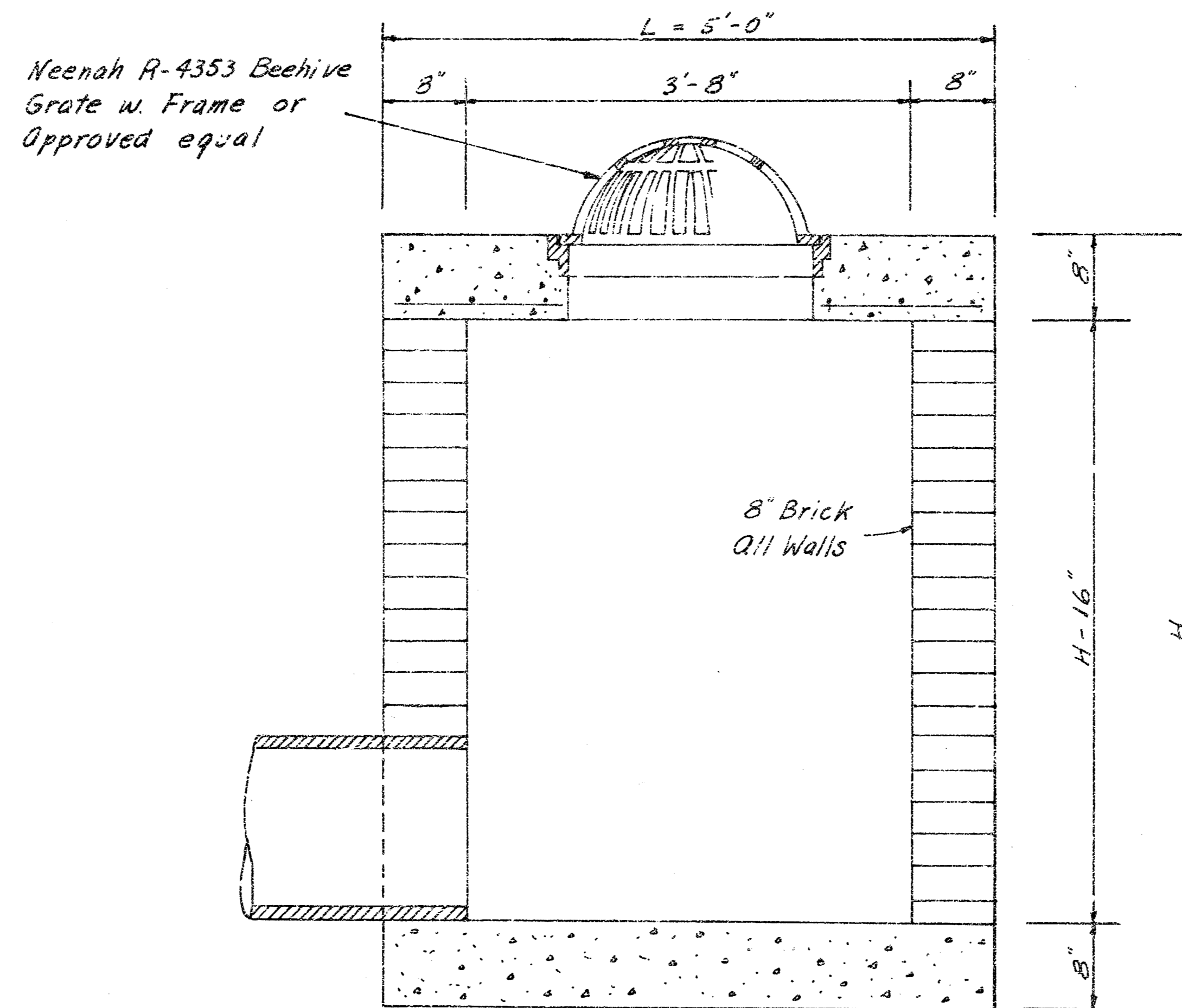
5  
6  
7  
8

JPS  
VAM  
JTC 13





PLAN  
(SCALE 1" = 1'0")



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

STEEL SCHEDULE

BAR	a <sub>1</sub>	a <sub>2</sub>	a <sub>3</sub>	b <sub>1</sub>		b <sub>2</sub>	b <sub>3</sub>	C	WT.	PIPE SIZE	Cu Yd. Conc.
NUMBER	6	4	4	W=5'0"	W=6'0"	8	4	4	LBS		
SIZE	#4	#4	#4	#4	#4	#4	#4	#4			
W=5'0"	4'8"	1'6"	1'1"	4'8"	-	1'6"	1'1"	4'4"	63	24"	1.17
W=6'0"	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

4/6