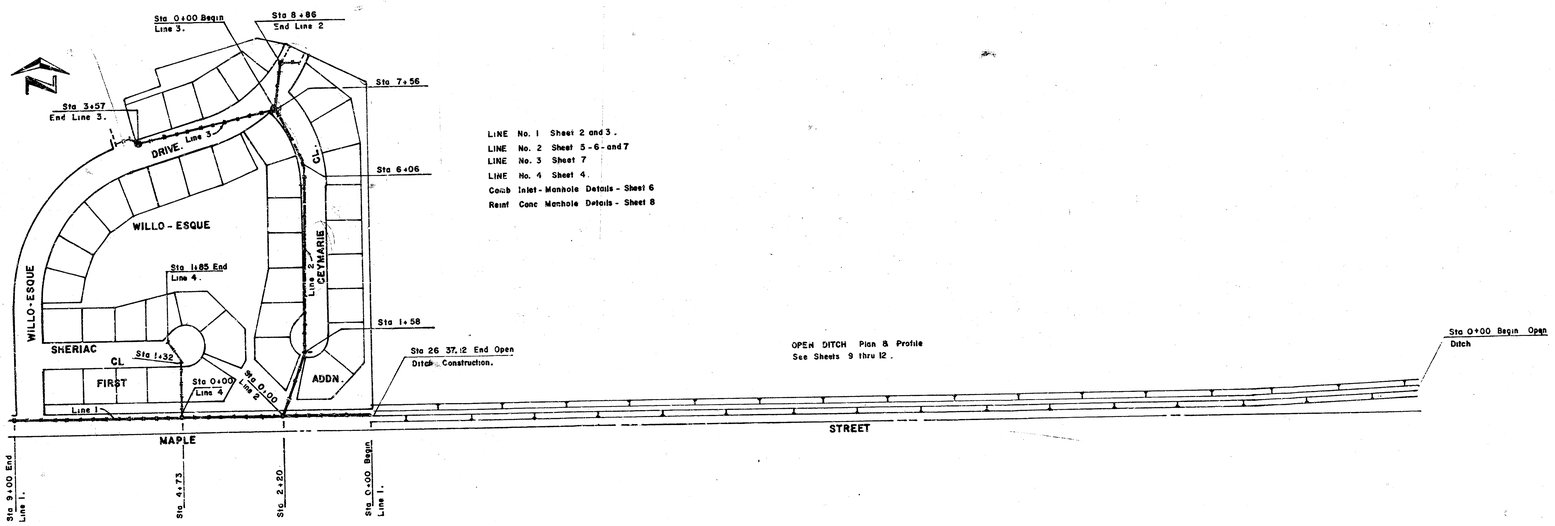
PLAN AND PROFILE FOR

STORM WATER SEWER NO. 98

CITY OF WICHITA, KANSAS

R. W. LINN CITY ENGINEER

PROJECT NO. DBKA572035



LINE No. 1 Sheet 2 and 3.
LINE No. 2 Sheet 5-6-and 7
LINE No. 3 Sheet 7
LINE No. 4 Sheet 4.
Comb Inlet-Manhole Details - Sheet 6
Reinf Conc Manhole Details - Sheet 8

OPEN DITCH Plan & Profile See Sheets 9 thru 12.

DONALD E. SCHNEIDER LICENSED 6311 KANSAS PROFESSIONAL ENGINEER

STORM WATER SEWER No. 98 & OPEN DITCH.

R.W. LINN CITY ENGINEER

CITY OF WICHITA, KANSAS

DATE Sept. 1972 Proj No. DBKA 572035

1/12

FILMED FROM THE BEST AVAILABLE COPY

B.M.: 1210.5 CITY STANDARD - RIDGE ROAD & MAPLE - 34' East & 92' South of both.
B.M.: 132.53 RAIL ROAD Spike - N. face p. pole. S. Side Maple - 95' E. of E.L. WILLO-ESQUE DRIVE.
B.M.: 121.85 CITY STANDARD - DUGAN & MAPLE - 33.7' West & 34.8' South of both.

NOTE: Existing ditch between station 0100 and 2120 is to be filled and graded to drain West.

Existing ditch thru RIP-RAP section is to be mechanically tamped backfill.

** COST FOR COMPACTED BACKFILL & FILLING DITCH IS TO BE INCIDENTAL TO PROJECT **

MAPLE STREET

STA 0100 BEGIN CONST. LINE 1

STA 2+20 CONST REIN CONC MANHOLE

STA 4+78 CONST REIN CONC MANHOLE

14 ±

702

Scale

proposed ditch

18" out 119.8

10'

10 L.f. 8" reinf concrete encasement.

2779 ± 220' - 36" R.C.P.

18" in 122.9
42" in 121.9
42" in 121.5
36" out 120.63

258 ± 253' - 42" R.C.P.

Line 1

15" in 124.1
out 122.8
12" out 122.53 in

25' easm't

32.60

108.57'

NOTE: See sheet 8 for details of Reinforced Concrete Manholes.

20' easm't

Lot 27

Lot 26

Lot 5

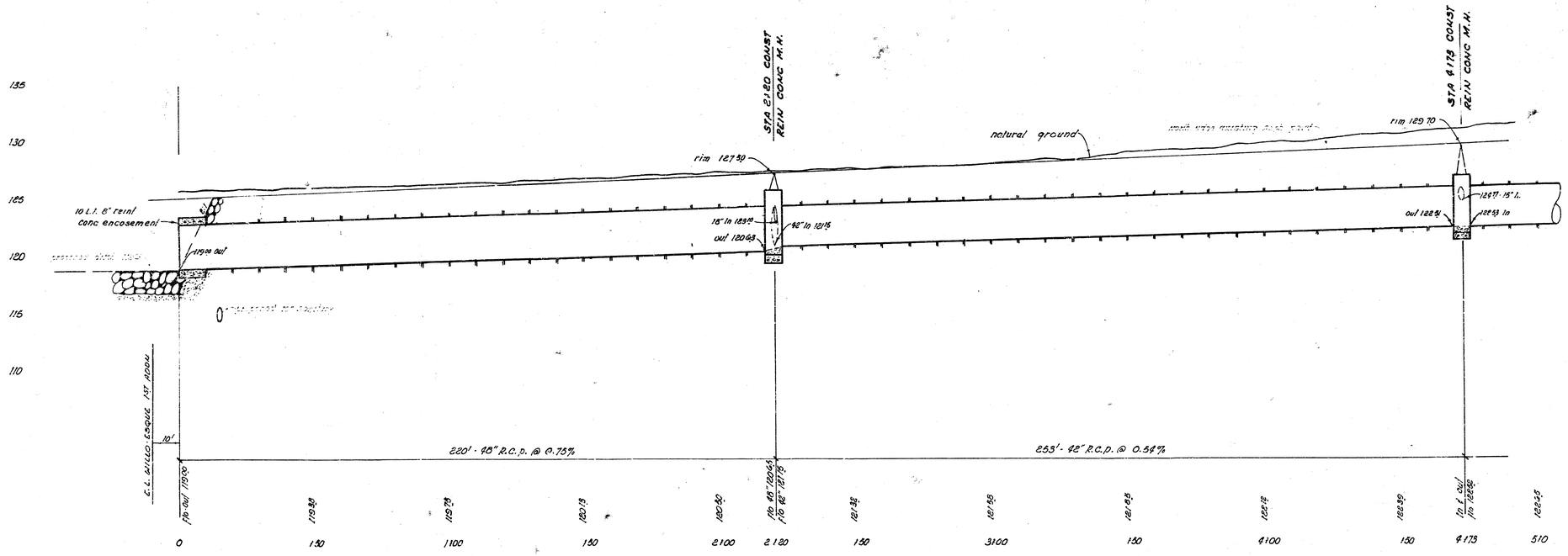
Lot 4

WILLO-ESQUE

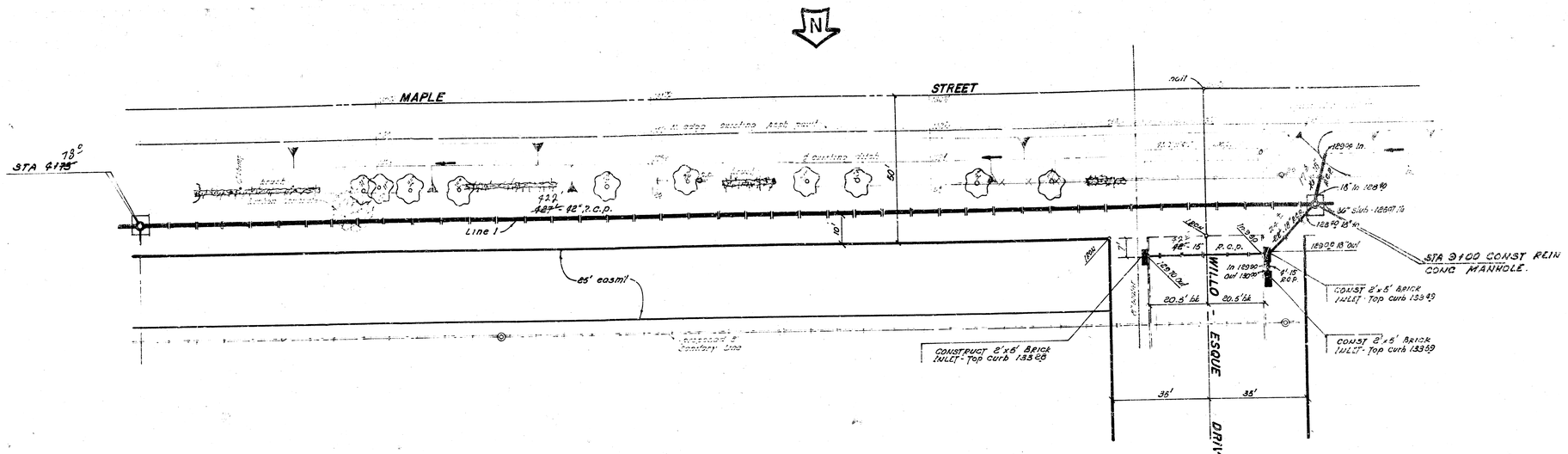
FIRST ADDN

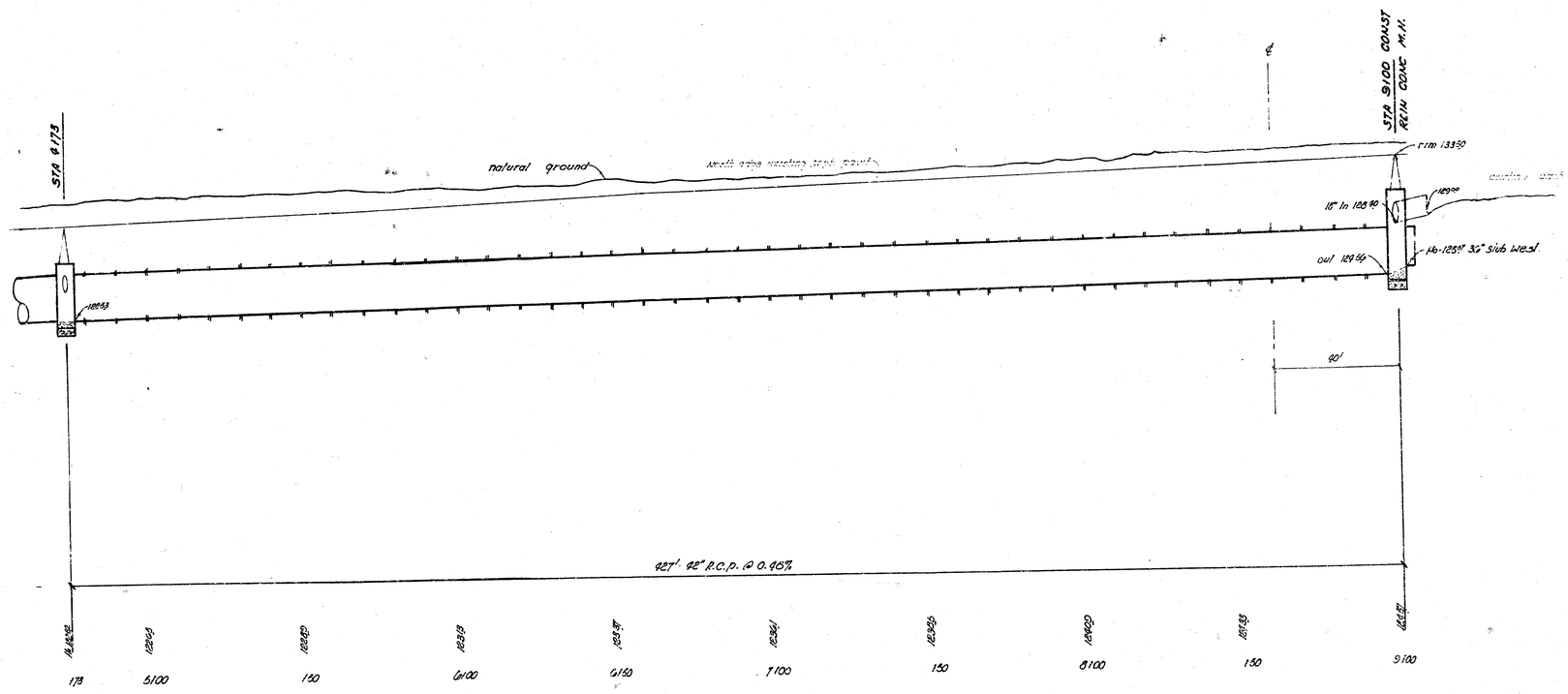
E.L. WILLO-ESQUE 1ST ADD.

PLAN SCALE 1" = 20'
PROFILE 1" = 20' HORZ
" 1" = 5' VERT



FILMED FROM THE BEST AVAILABLE COPY

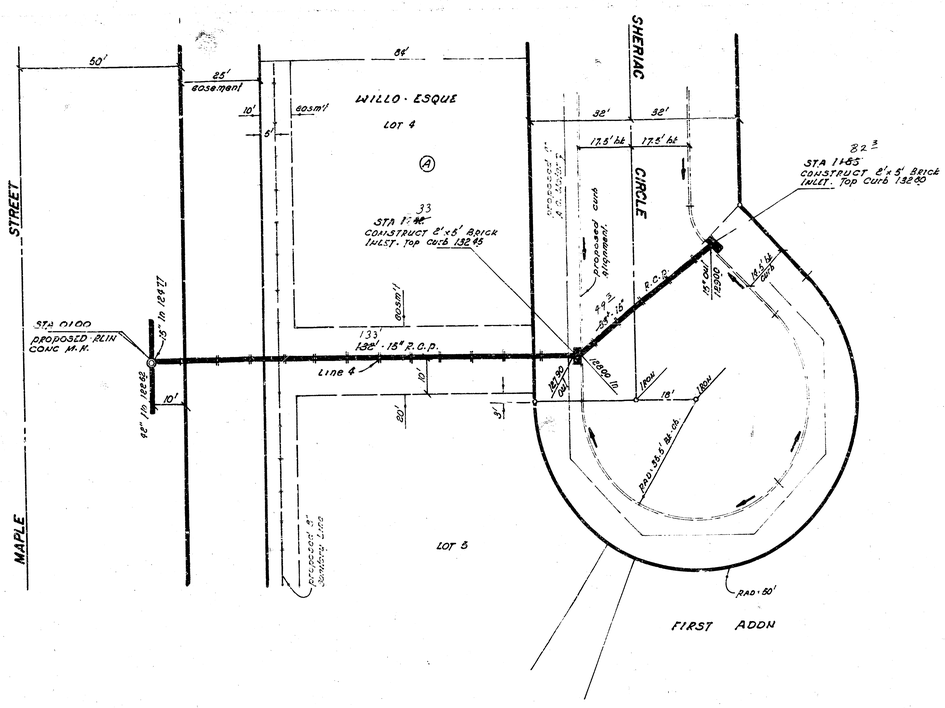




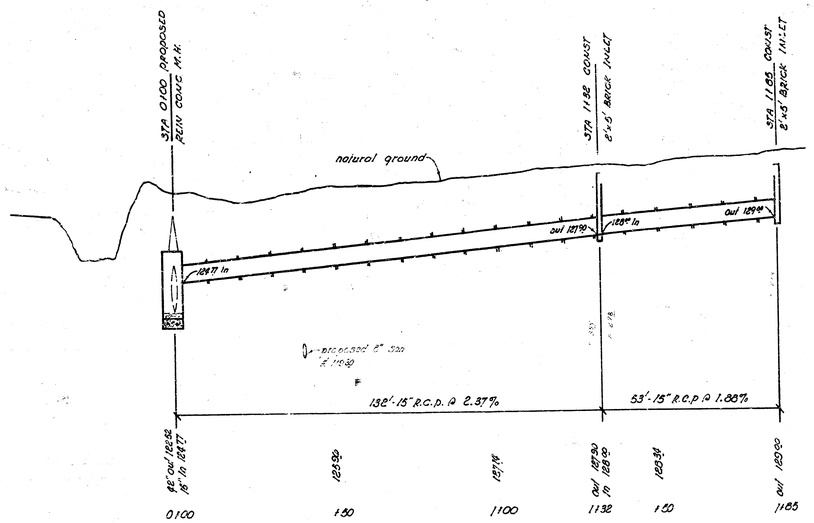
FILMED FROM THE BEST

KRAUS
elliott

J.H.# 45

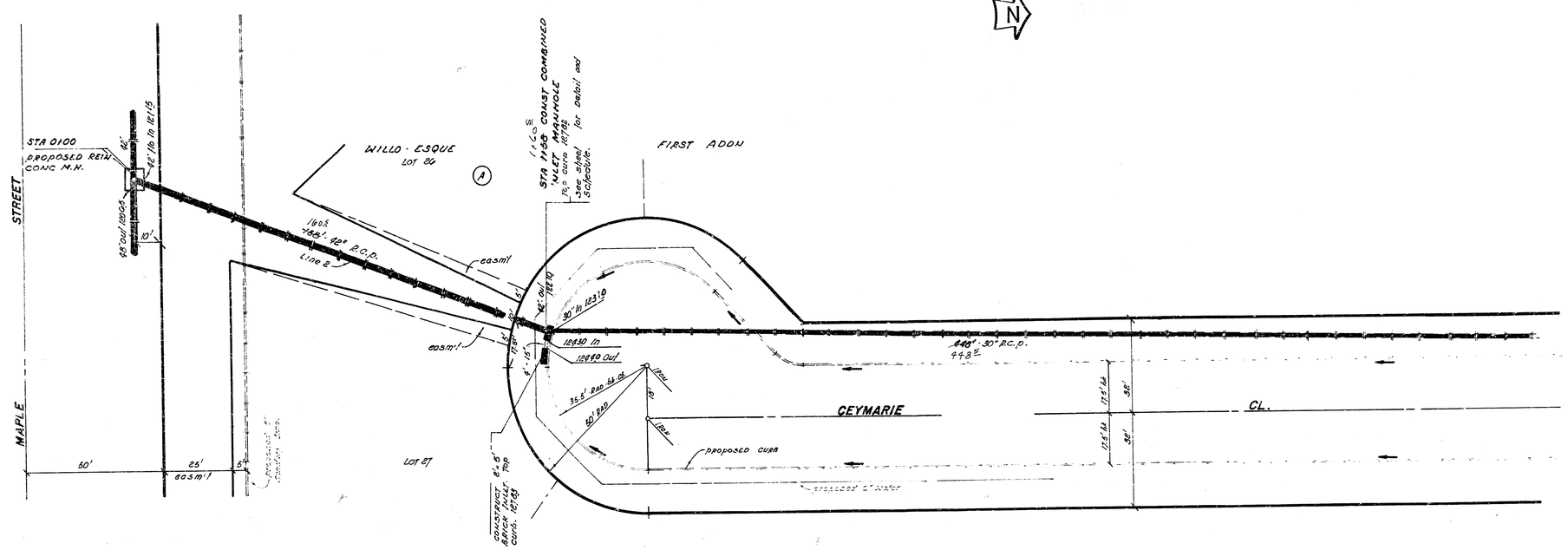


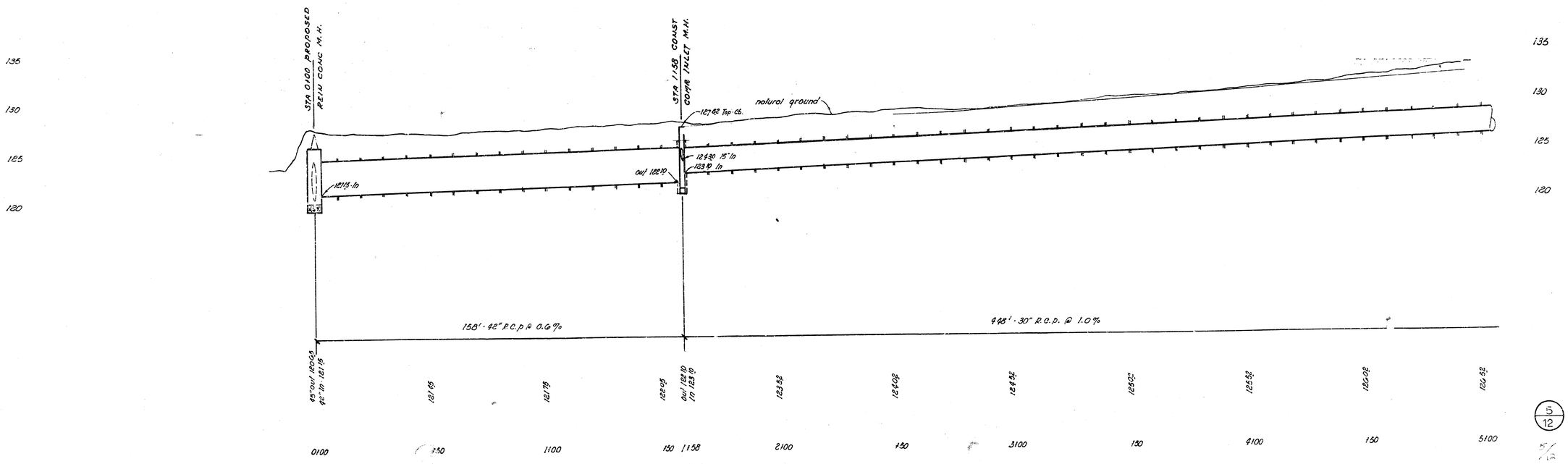
PLAN SCALE 1" = 20'
PROFILE 1" = 20' HORZ
" = 5' VERT



4
12

FILMED FROM THE BEST

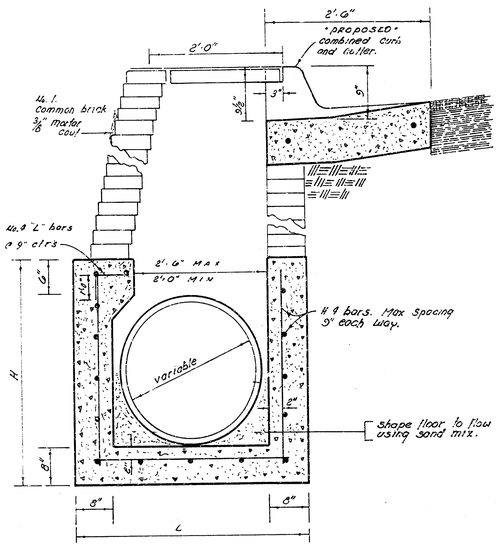




5
12

FILMED FROM THE BEST

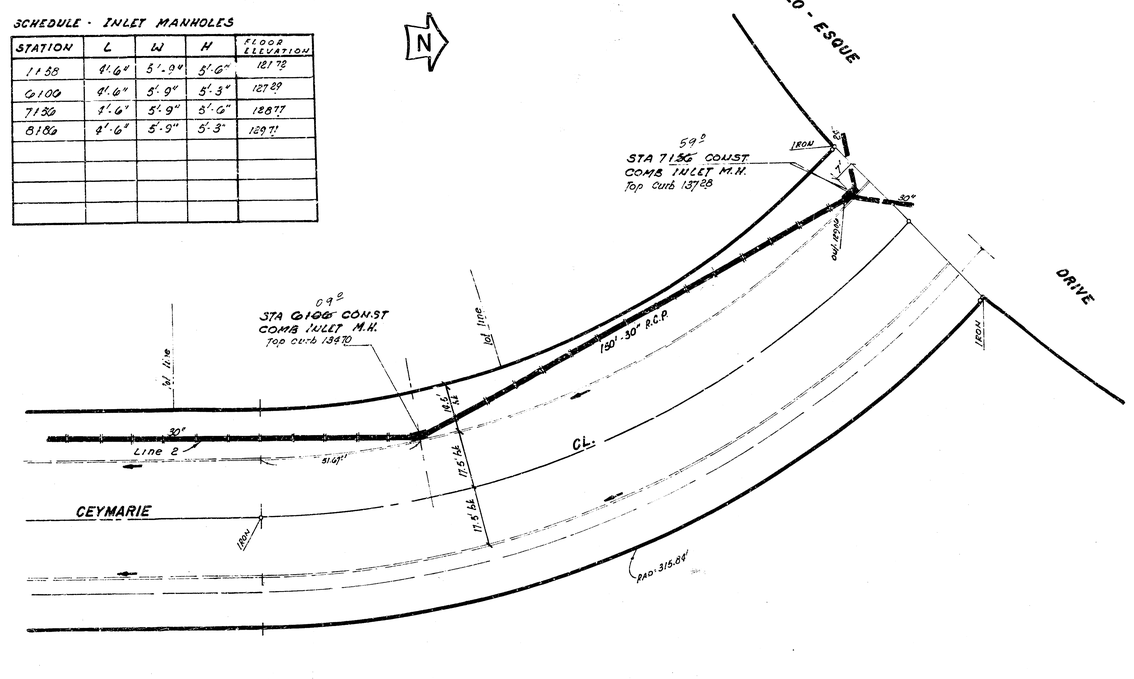
CONCRETE for INLET MANHOLES shall be 6 sack paving mix. The bid price for COMBINED INLET MANHOLES shall include the cost of excavation, furnishing and placing concrete, bricks, cover plates, and reinforcing steel.

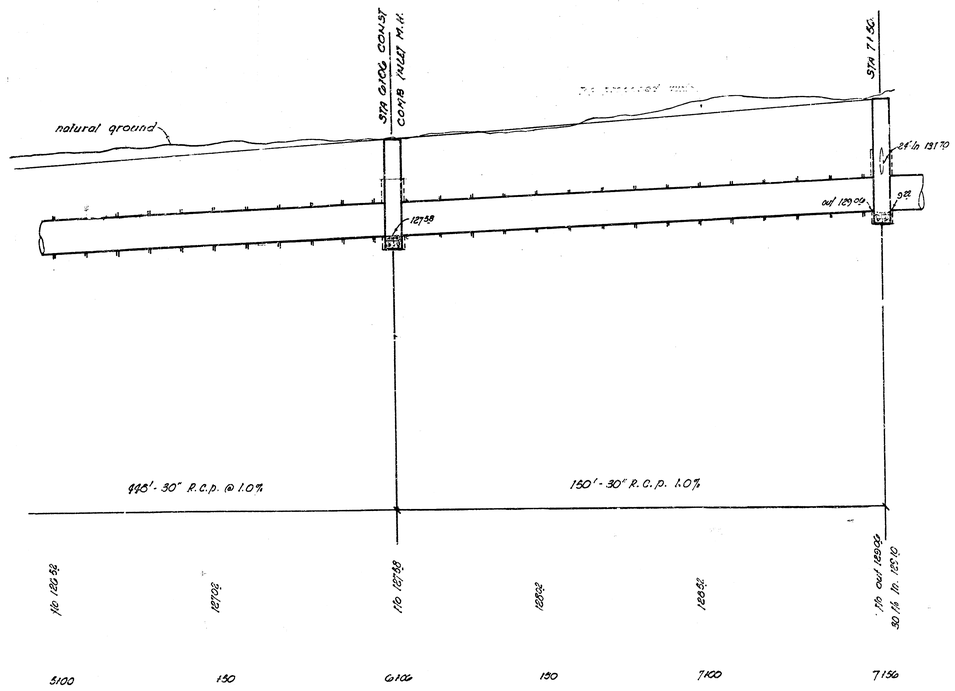


COMBINED INLET MANHOLE

SCHEDULE - INLET MANHOLES

STATION	L	W	H	FLOOR ELEVATION
1+58	9'-6"	5'-9"	5'-6"	127.78
6+00	9'-6"	5'-9"	5'-3"	127.89
7+56	9'-6"	5'-9"	5'-6"	128.77
8+80	9'-6"	5'-9"	5'-3"	129.71

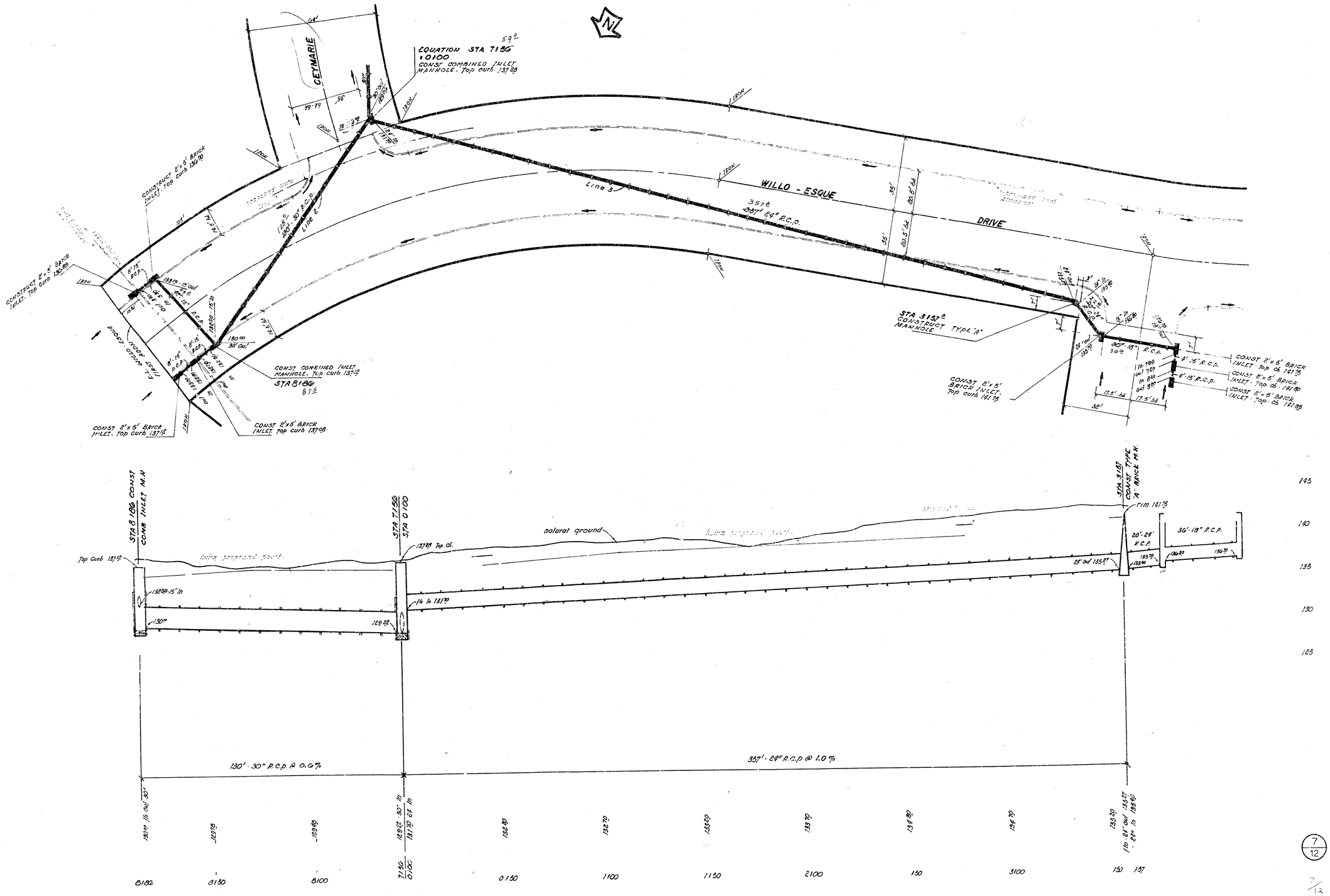




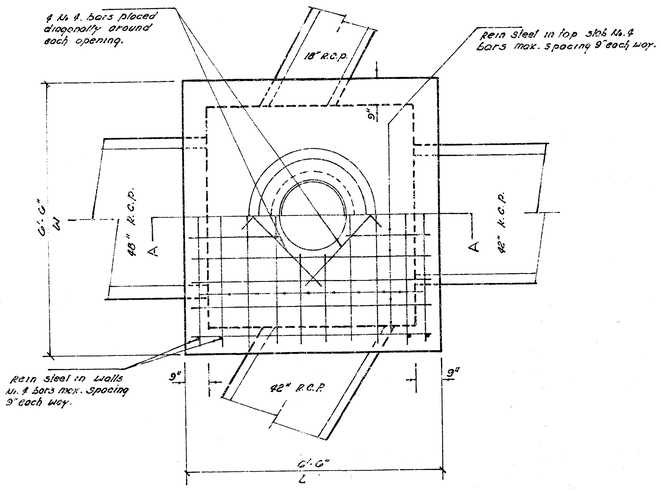
135
130
125
120

6/12

FILMED FROM THE BEST

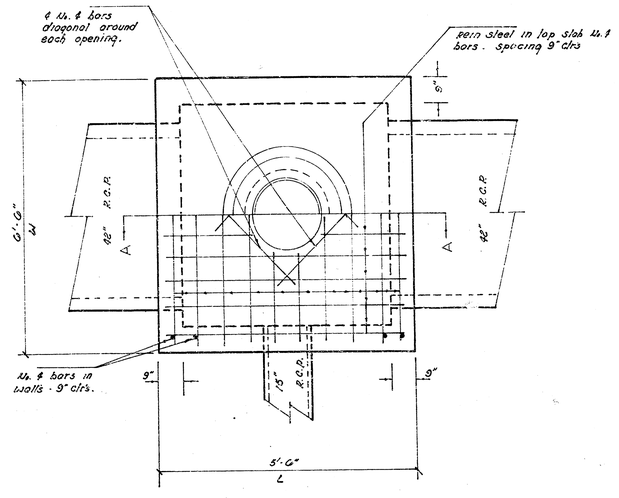


FILMED FROM THE BEST



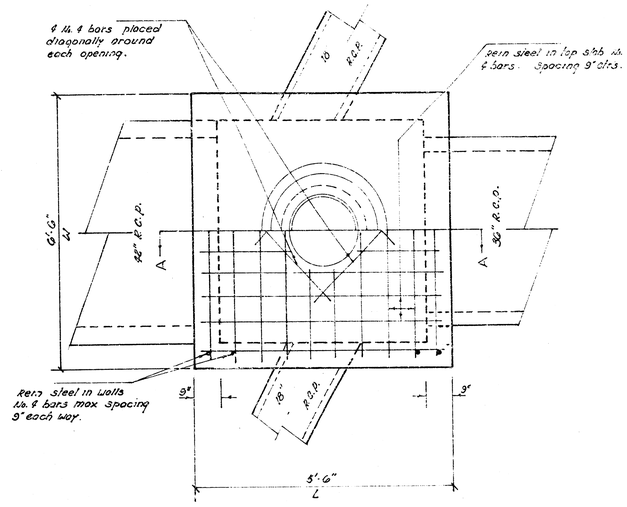
PLAN

STA 2+20



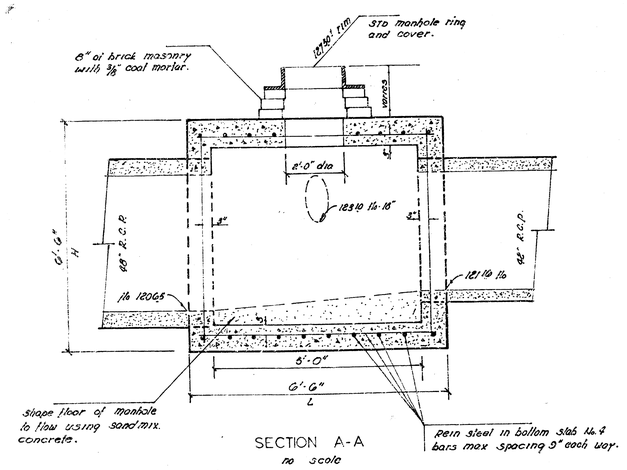
PLAN

STA 4+73



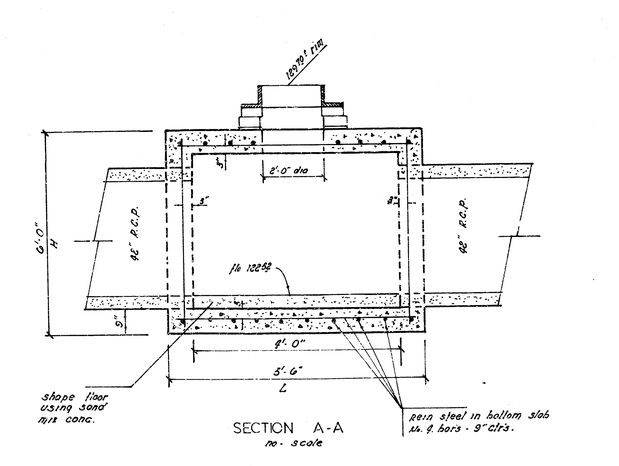
PLAN

STA 9+00



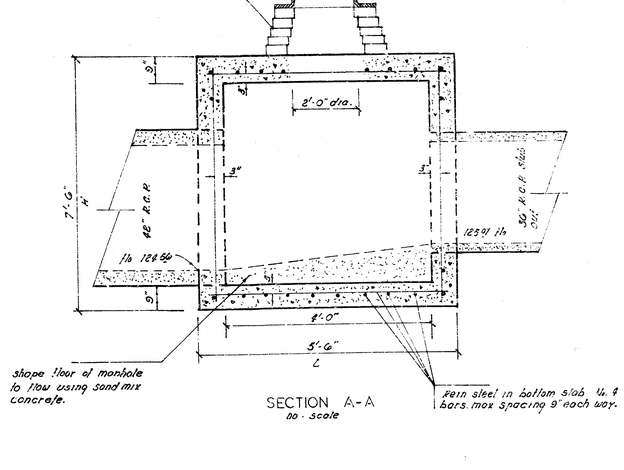
SECTION A-A
no scale

STA 2+20



SECTION A-A
no scale

STA 4+73



SECTION A-A
no scale

STA 9+00

8/12

FILMED FROM THE BEST

Sec. 27 T27S R1W

Earthwork

Excavation:		Comp. Fill	
City	7,263 C.Y.	City	93 C.Y.
+10%	727 C.Y.	+10%	9 C.Y.
TOTAL	7,990 C.Y.	TOTAL	102 C.Y.

TYPICAL DITCH SECTION

NOTE:
Remove all trees and stumps within Project Limits between roadway and earthwork limits.

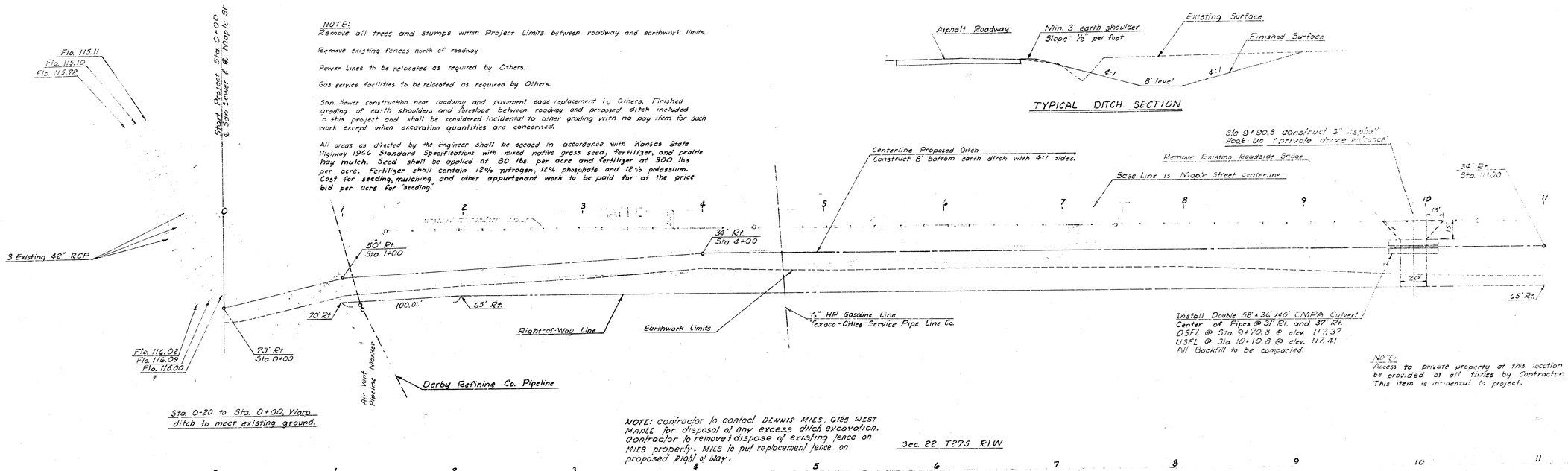
Remove existing fences north of roadway

Power Lines to be relocated as required by Others.

Gas service facilities to be relocated as required by Others.

San. Sewer construction near roadway and pavement edge replacement is Others. Finished grading of earth shoulders and foreslope between roadway and proposed ditch included in this project and shall be considered incidental to other grading with no pay item for such work except when excavation quantities are concerned.

All areas as directed by the Engineer shall be seeded in accordance with Kansas State Highway 1964 Standard Specifications with mixed native grass seed, fertilizer, and prairie hay mulch. Seed shall be applied at 30 lbs. per acre and fertilizer at 300 lbs per acre. Fertilizer shall contain 12% nitrogen, 12% phosphate and 12% potassium. Cost for seeding, mulching, and other appurtenant work to be paid for at the price bid per acre for seeding.

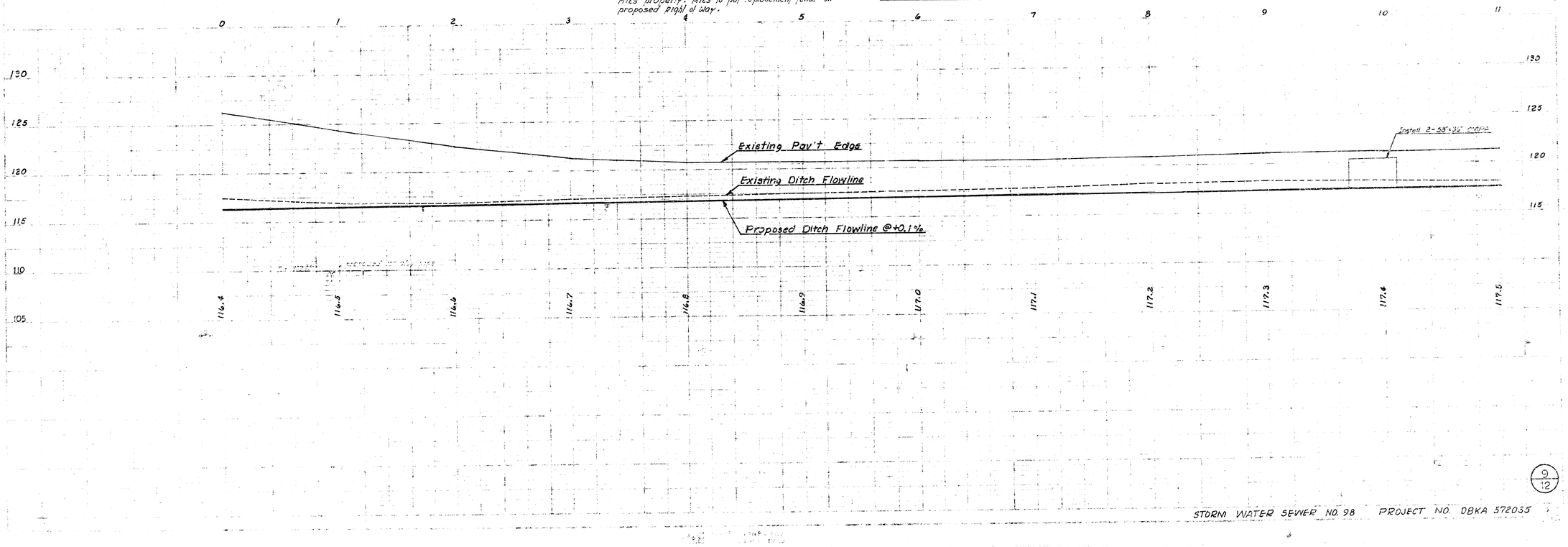


NOTE:
Access to private property at this location to be provided at all times by Contractor. This item is incidental to project.

Sta 0-20 to Sta. 0+00, Warp ditch to meet existing ground.

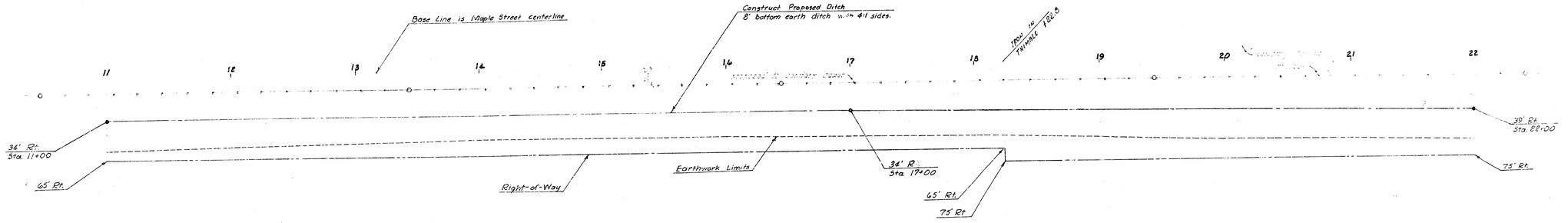
NOTE: contractor to contact DENNIS MILES. 6188 WEST MAPLE for disposal of any excess ditch excavation. Contractor to remove & dispose of existing fence on MILES property. MILES to put replacement fence on proposed Right of Way.

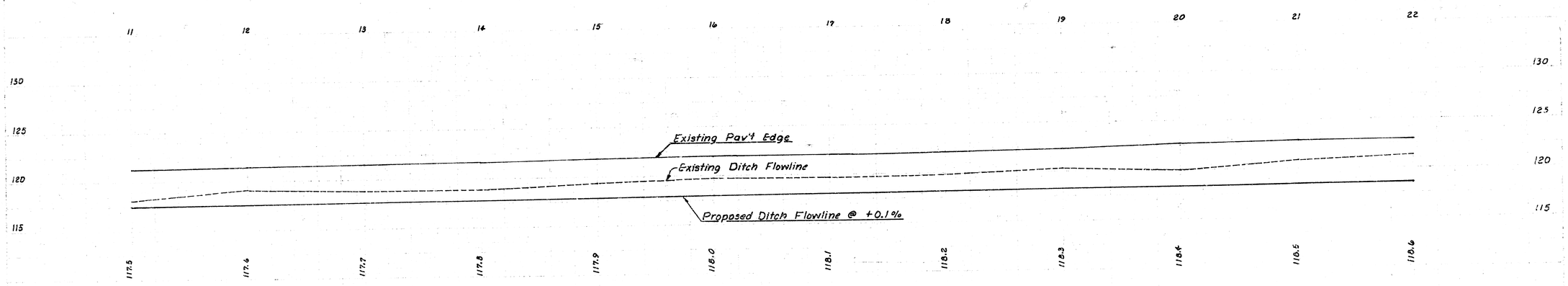
Sec. 22 T27S R1W



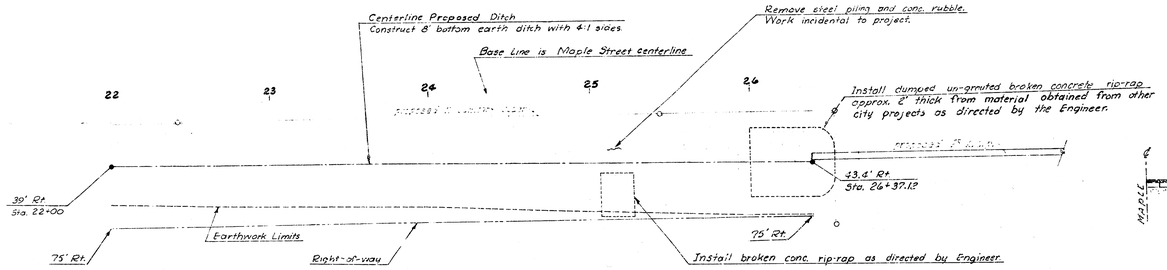
STORM WATER SEWER NO. 98 PROJECT NO. DBKA 572035

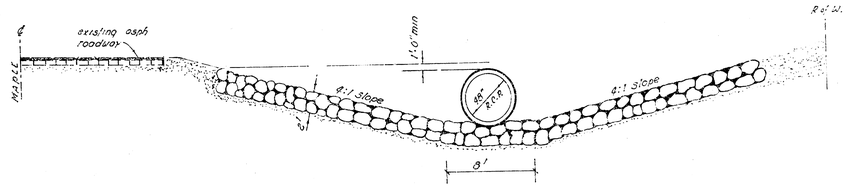
FILMED FROM THE BEST





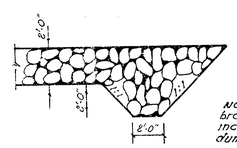
FILMED FROM THE BEST AVAILABLE COPY





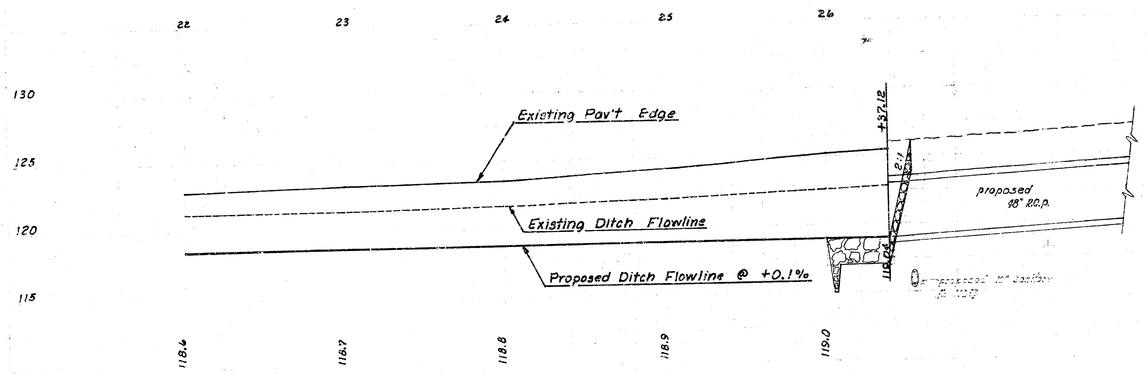
"DITCH SECTION - BROKEN CONC R.I.P-RAP

NOTE: R.I.P.-RAP IS TO CONFORM TO SECTION C.13 AND ALL OTHER RELATED SECTIONS OF THE STATE HIGHWAY COMMISSION SPECIFICATIONS. (EDITION 1966).



NOTE: Additional thickness in broken concrete toe section is incidental to bid price 30 yds dumped RIP RAP.

BROKEN CONCRETE TOE



STORM WATER SEWER NO. 98 PROJECT NO. DBKA 572035

FILMED FROM THE BEST

FILMED FROM THE BEST AVAILABLE COPY

STORM WATER SEWER NO. 98 PROJECT NO. DBKA 572035