

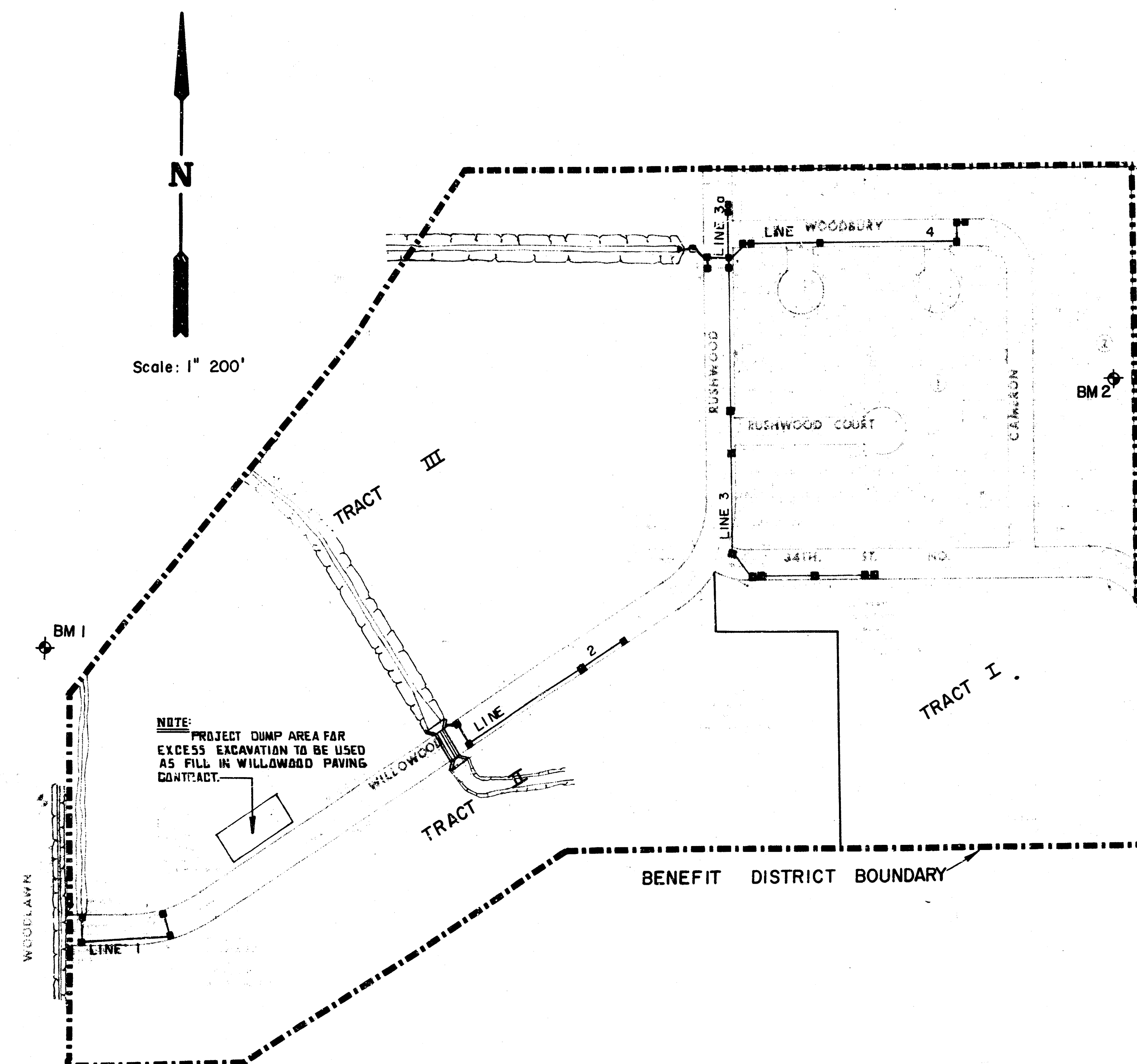
STORM SEWER PLANS FOR SWS. NO. 259 WILLOWOOD PROJECT NO. 468-76-245-81339-000-000-001 CITY OF WICHITA, KANSAS MIKE LINDEBAK, CITY ENGINEER AUGUST, 1984

GENERAL NOTES

1. THE TOPS OF INLETS AND MANHOLES AS NOTED ON THE PLANS MAY VARY SO AS TO MEET PROPOSED TOP OF CURB ELEVATIONS OR PAVEMENT ELEVATIONS. THE FIELD ENGINEER SHALL LOCATE INLETS AND MANHOLES WITH REFERENCE TO PROPOSED PAVING PLANS OF THE PERTINENT STREETS.
2. ALL CONCRETE SHALL BE STANDARD PAVING MIX UNLESS OTHERWISE NOTED.
3. CONTRACTOR SHALL AVOID UNCOVERING EXISTING WATER LINES UNLESS ABSOLUTELY NECESSARY. UNCOVERING SHALL BE DONE ONLY IN THE PRESENCE OF A WATER DEPARTMENT ENGINEER.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR SHALL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR OR A LICENSED PROFESSIONAL ENGINEER IN ACCORDANCE WITH STATE LAWS.
5. TREES TO BE REMOVED ARE MARKED . ALL TREES WHICH IN THE OPINION OF THE FIELD ENGINEER CAN BE SAVED SHALL BE SAVED.
6. CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES OF CONSTRUCTION SCHEDULING.
7. EXISTING UTILITIES AND THEIR LOCATIONS, AS SHOWN ON THE PLANS, REPRESENT THE BEST INFORMATION OBTAINABLE FOR DESIGN. LOCATION INFORMATION HAS BEEN OBTAINED FROM THE VARIOUS UTILITY COMPANIES AND IS EITHER FROM COMPANY RECORD DRAWINGS OR COMPANY PROVIDED FIELD LOCATIONS. THE PLAN LOCATIONS SHOWN ARE NOT GUARANTEED. ADDITIONAL EXISTING UTILITIES MAY ALSO BE ENCOUNTERED.
8. COST OF EXCAVATION, HAULING, AND DUMPING OF EXCESS EXCAVATION TO BE SUBSIDIARY TO PROJECT.
9. ALL OF TRACTS II AND III AS SHOWN ON PLAN SHEETS HAVE BEEN DEDICATED AS DRAINAGE EASEMENTS BY SEPARATE INSTRUMENTS.

BENCH MARKS

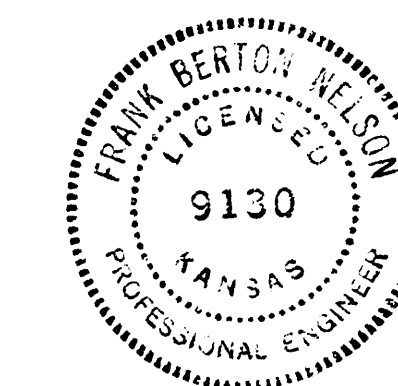
- B.M. #1: WOODLAWN & 33RD STREET NORTH, CITY OF WICHITA BENCH MARK DISC. 4' NORTH OF SOUTH END OF EAST HUBGUARD TO CONCRETE BRIDGE 316' NORTH OF QUARTER SECTION CORNER.
ELEV. = 174.52
- B.M. #2: RAILROAD SPIKE IN THE WEST SIDE OF THE WEST LEG OF HIGHLINE "H" POLE ON LOT 14, BLOCK 2, WILLOWOOD.
ELEV. = 184.78



INDEX TO DRAWINGS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	LINE 1 - DITCH
3	LINE 1
4	LINE 2
5-8	LINE 3 & LINE 3a
9	LINE 4
10-12	DITCH PLAN & PROFILE
13	REINFORCED CONC. WINGWALLS
14	CURB INLET DETAIL
15	FINAL PLAT

AS BUILT PLAN
10/14/85
GREENE



WILLOWOOD
ADDITION
SWS. NO. 259
PROJECT NO:
468-76-245-81339-000-000-001

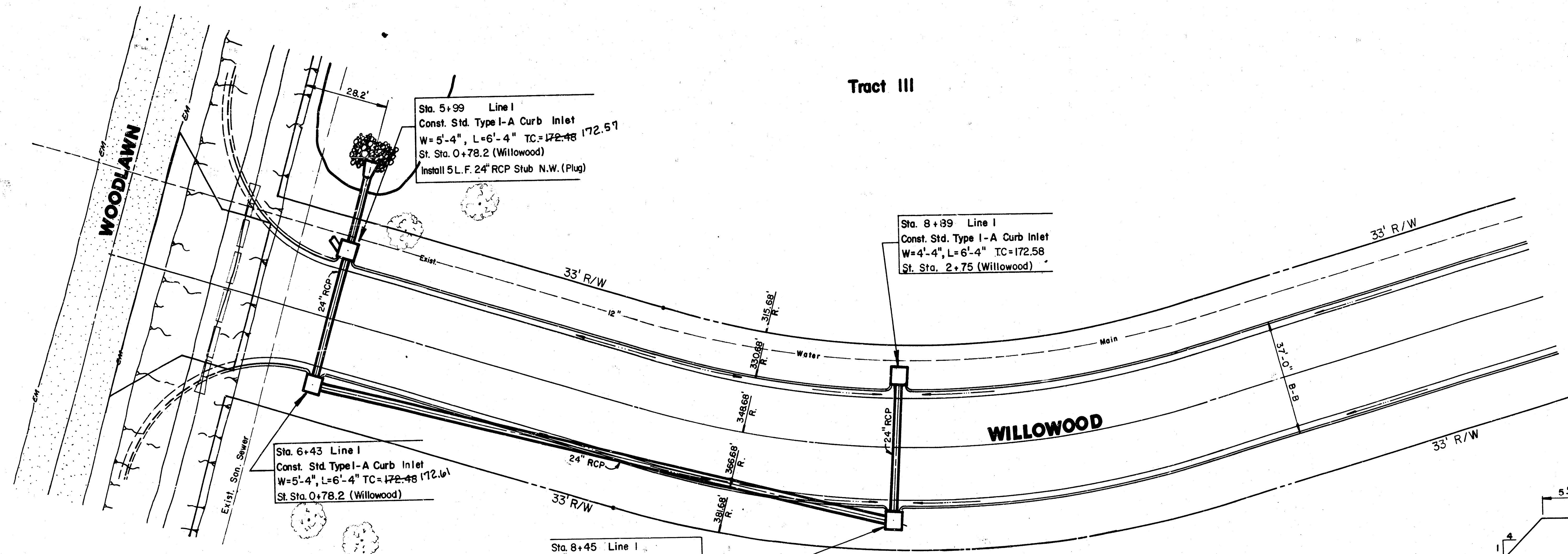
MID-KANSAS ENGINEERING CONSULTANTS PA
240 NORTH ROCK ROAD
SUITE 130
WICHITA, KANSAS 67206

682-6561

FBN
DLM
KHB
1984

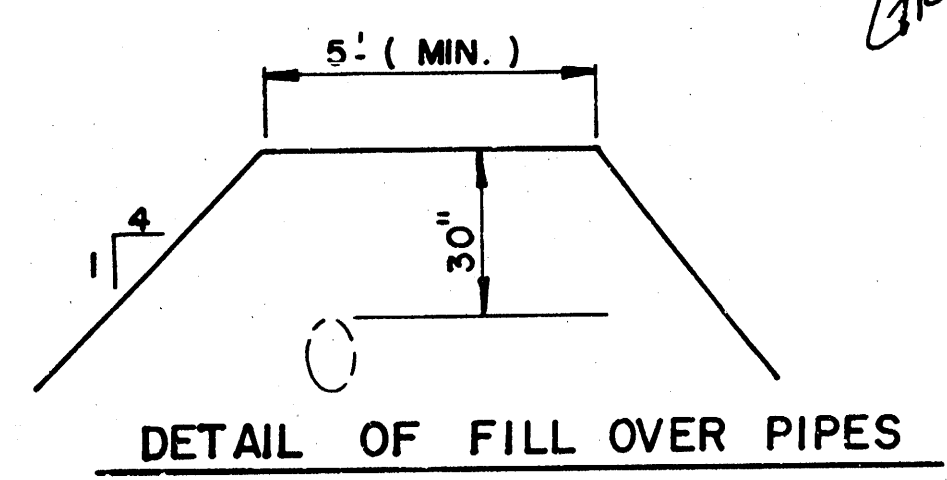
Sheet
1
of
15

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AVAILABLE COPY



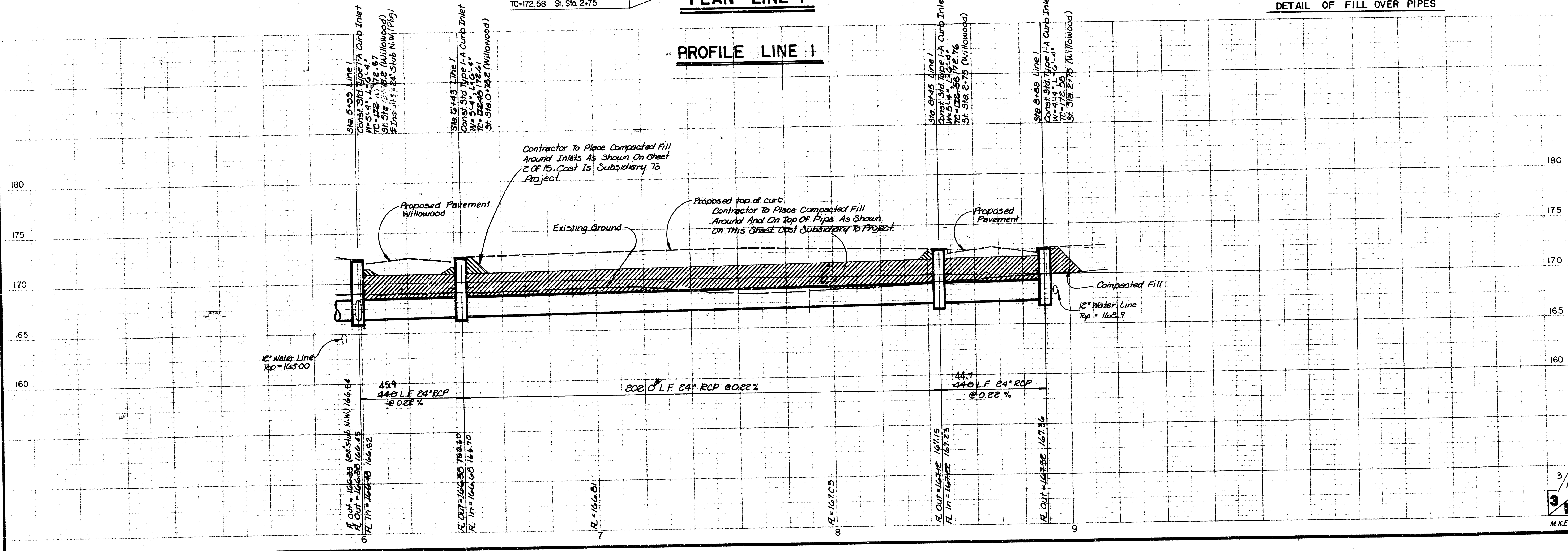
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1" = 5' Vert.

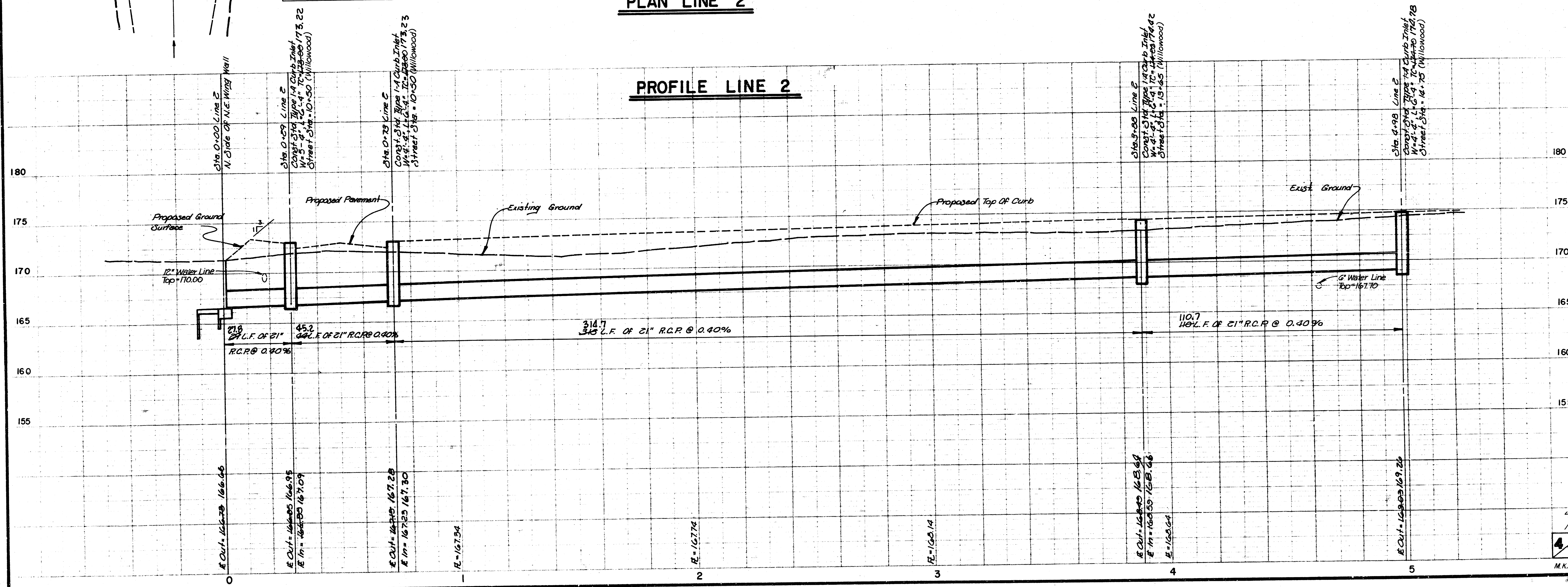
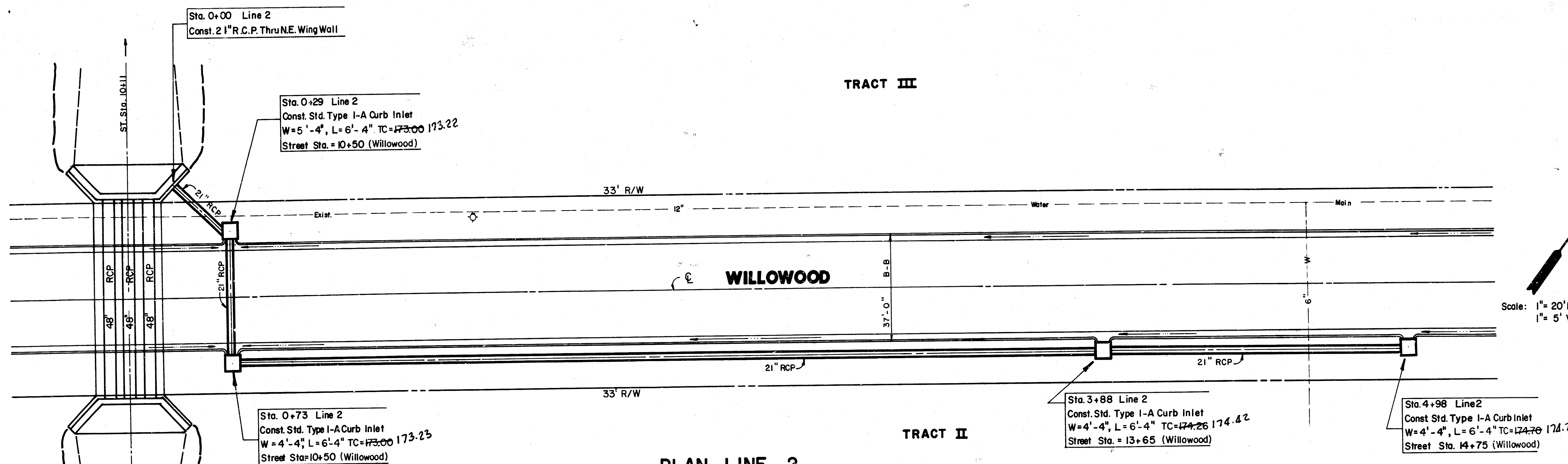
AS BUILT PLAN
10/14/85
GREENE

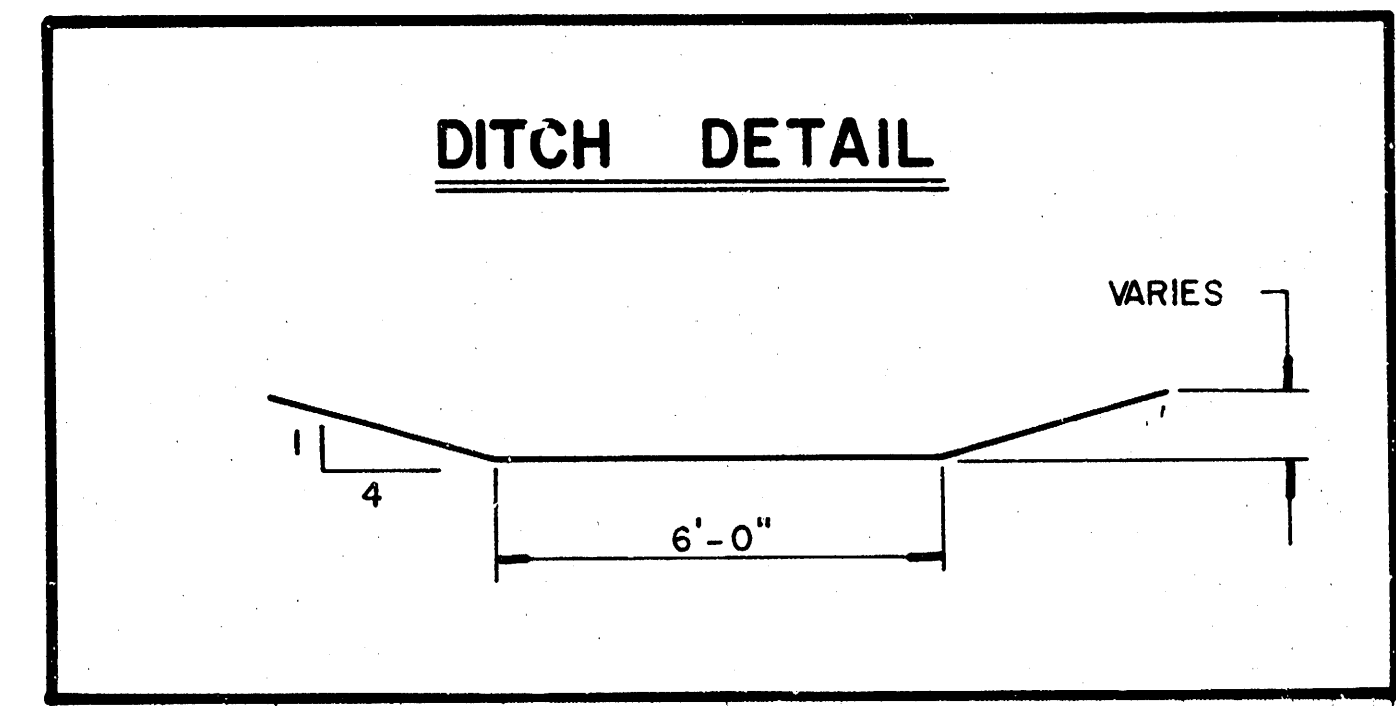
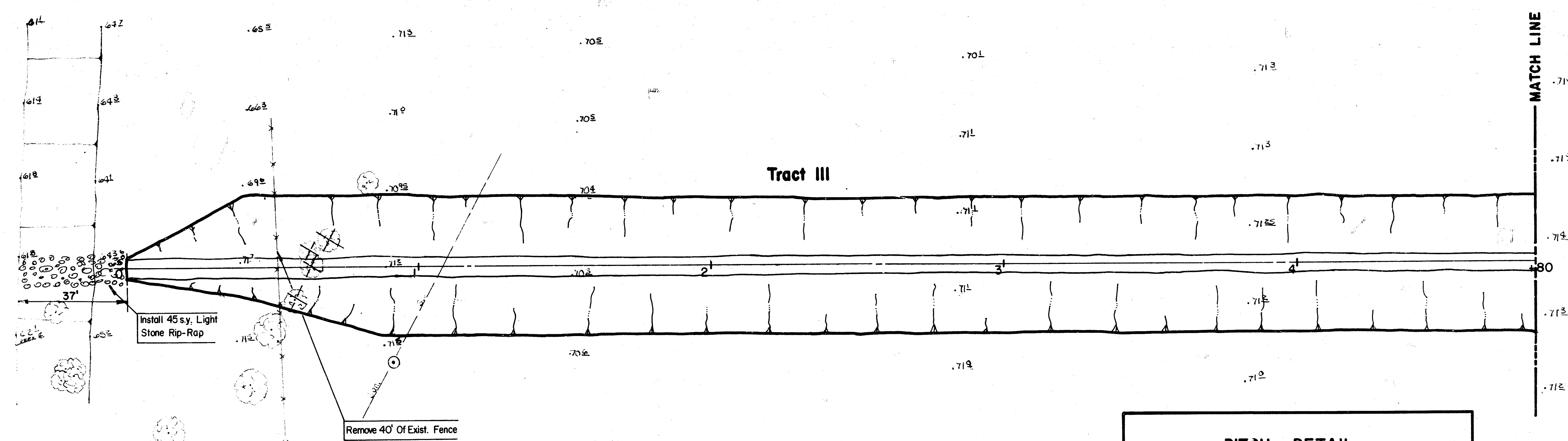


PLAN LINE I

PROFILE LINE I

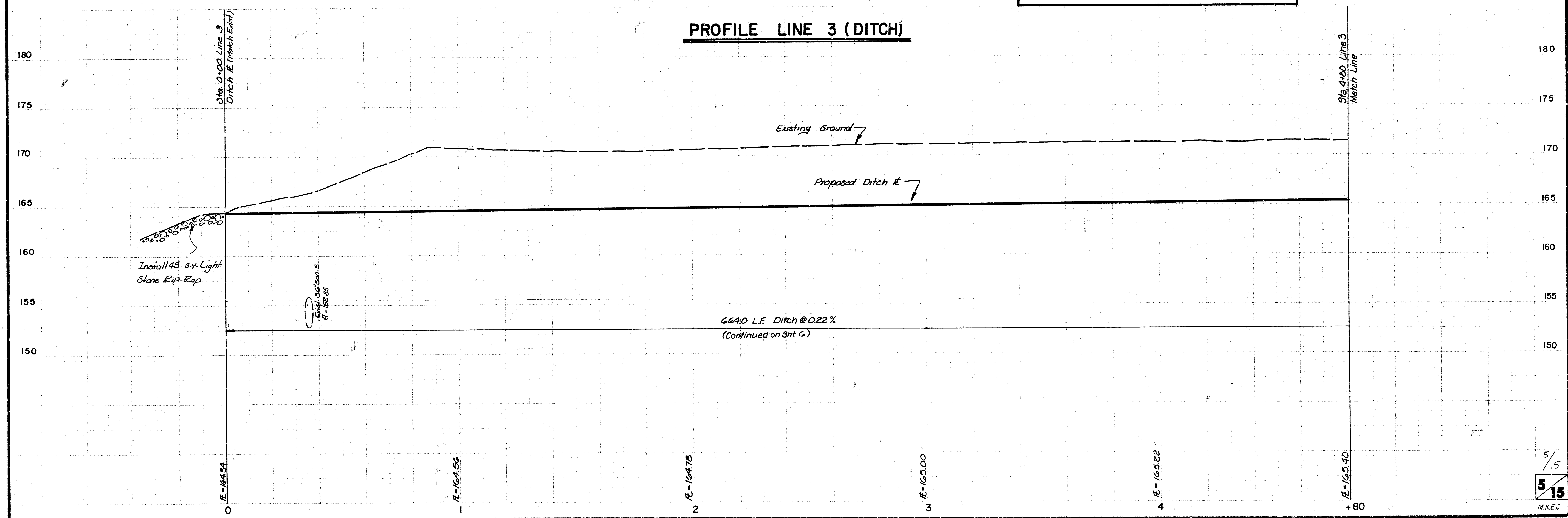




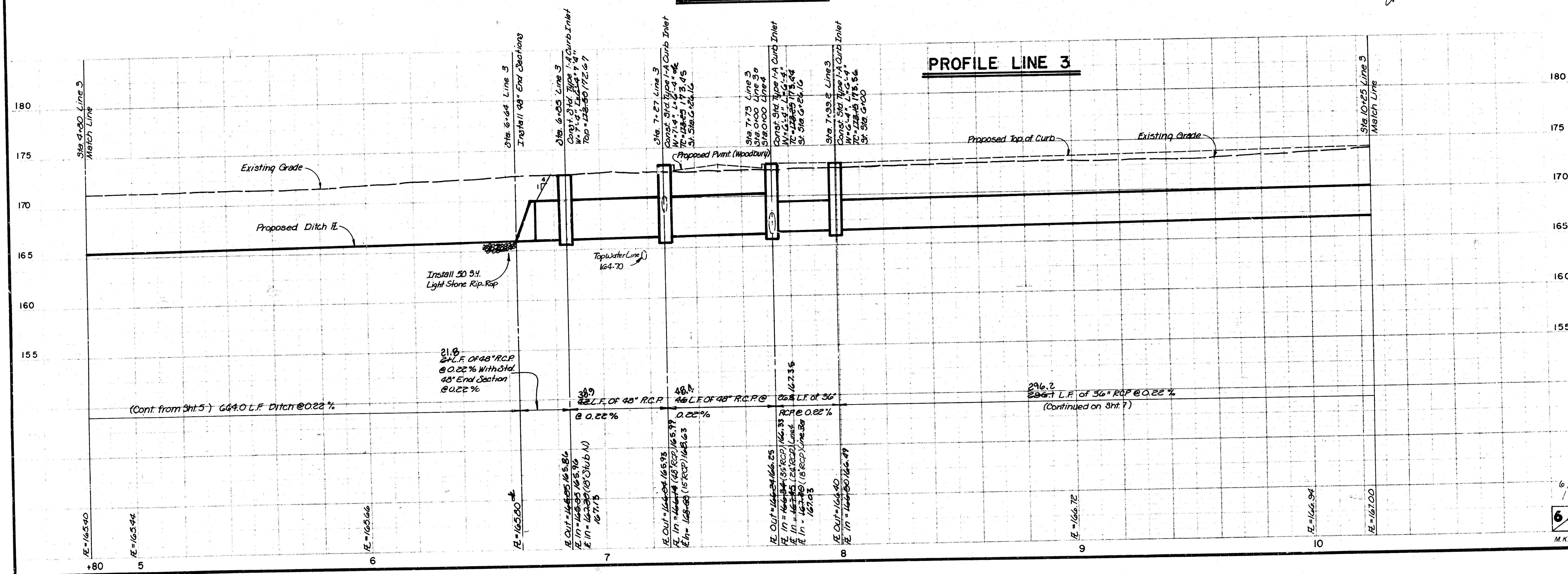
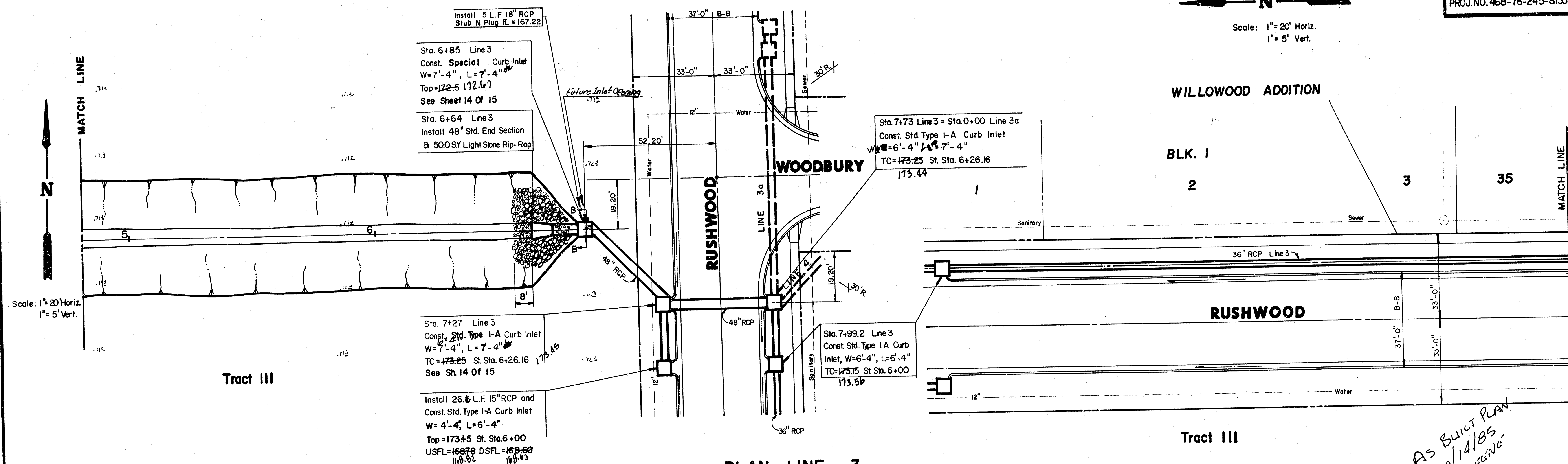


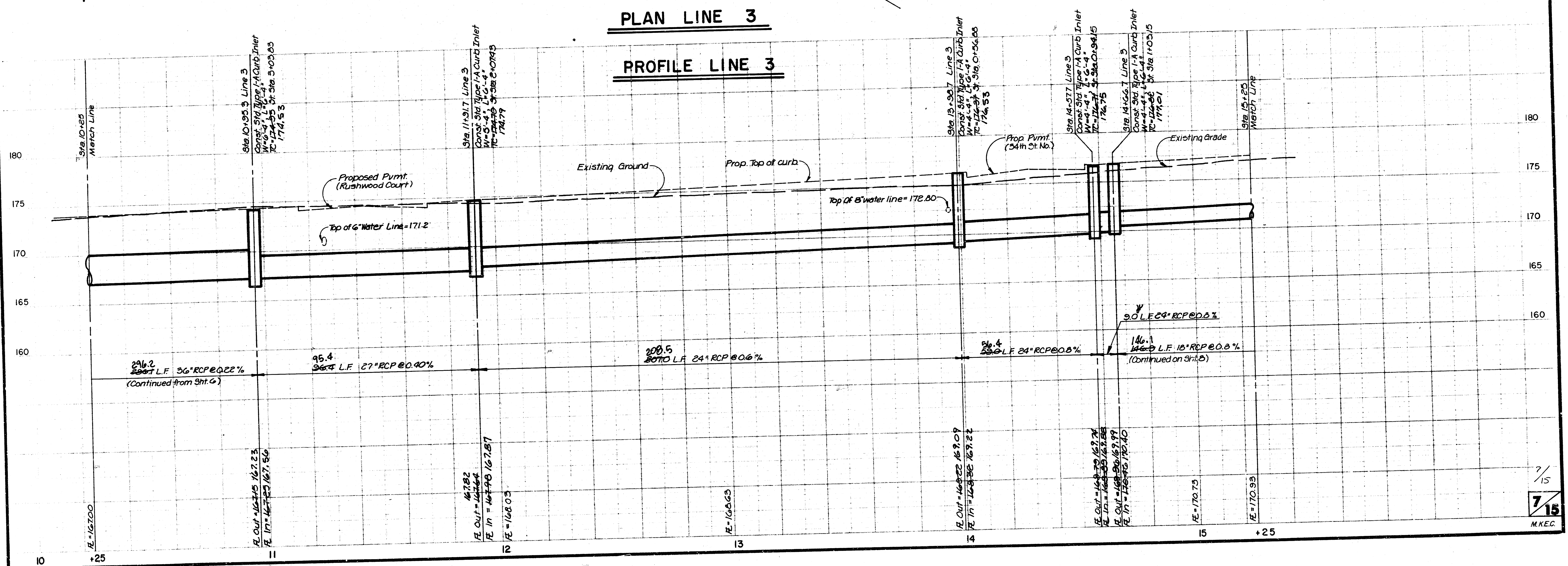
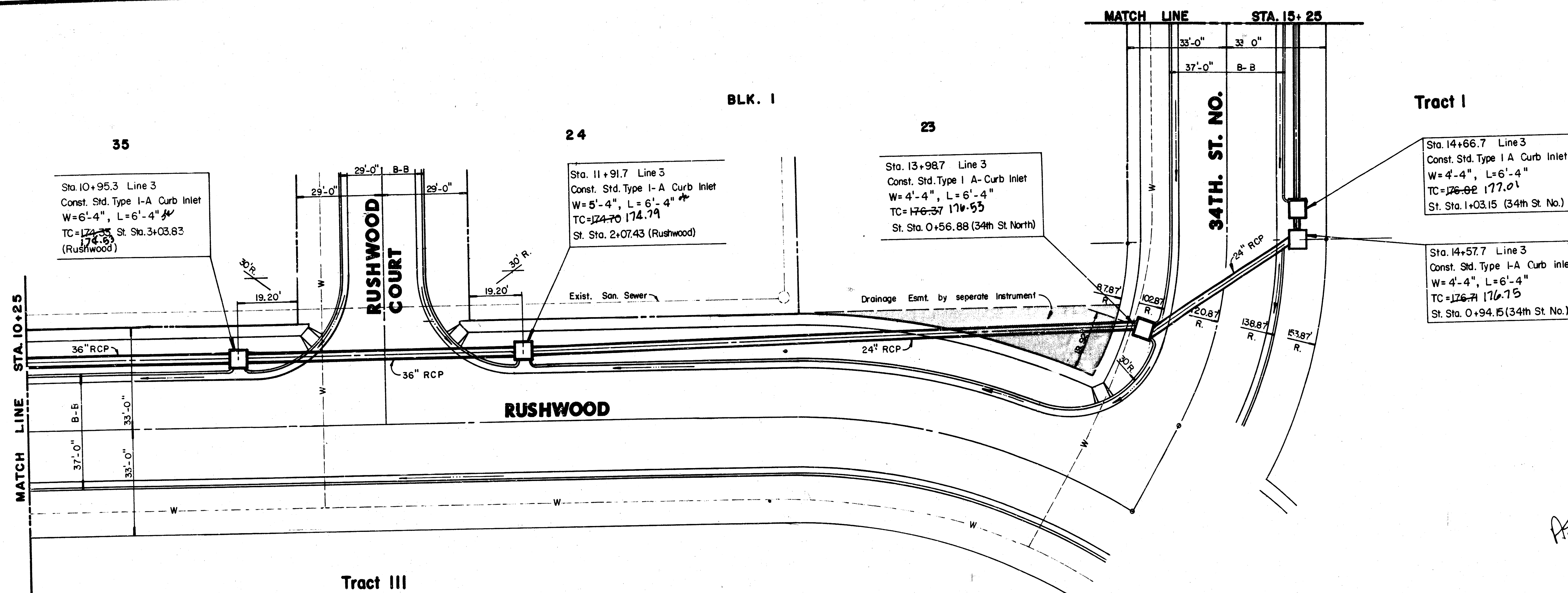
PLAN LINE 3 (DITCH)

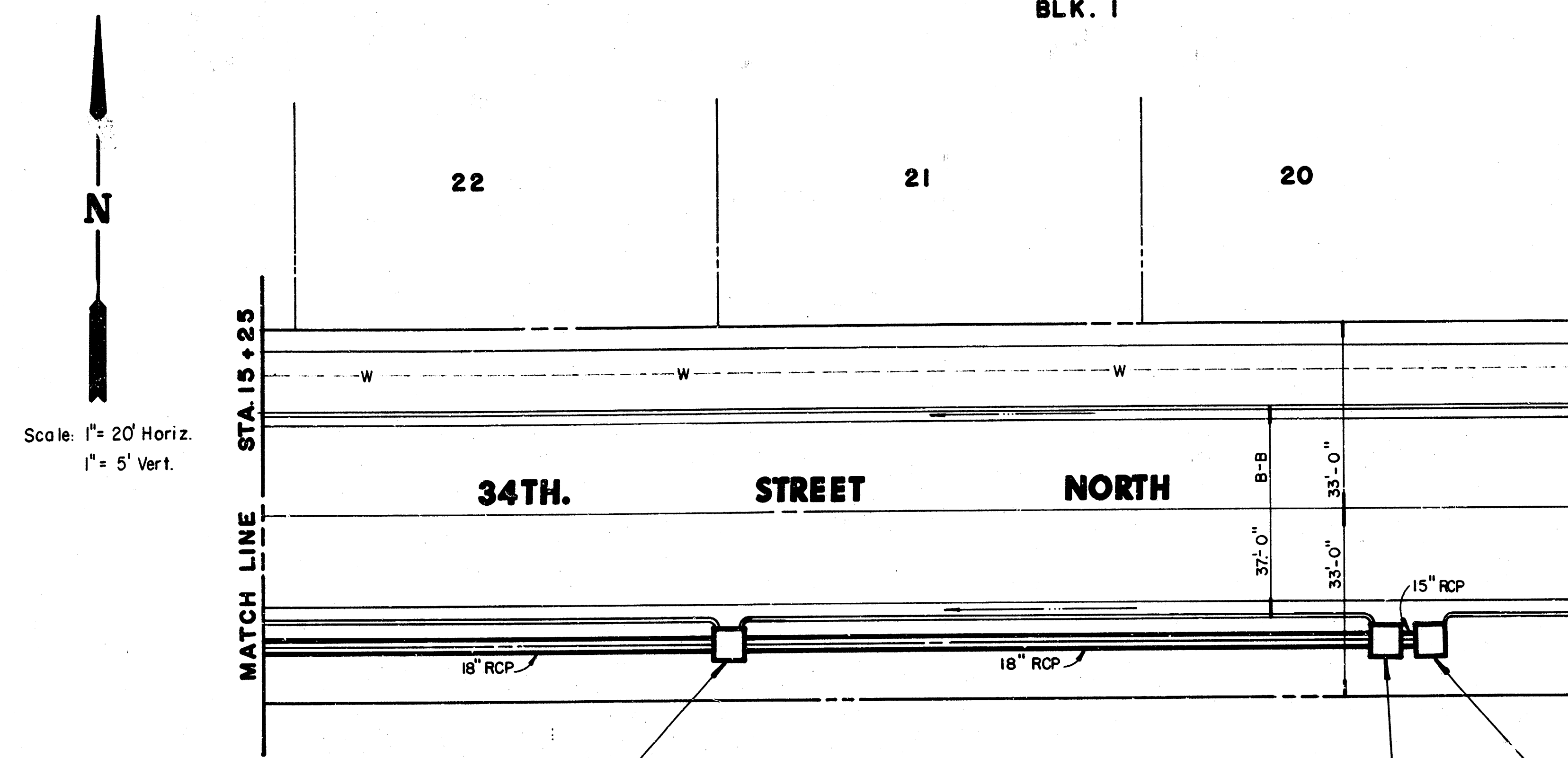
PROFILE LINE 3 (DITCH)



Scale: 1" = 20' Horiz.
1" = 5' Vert.



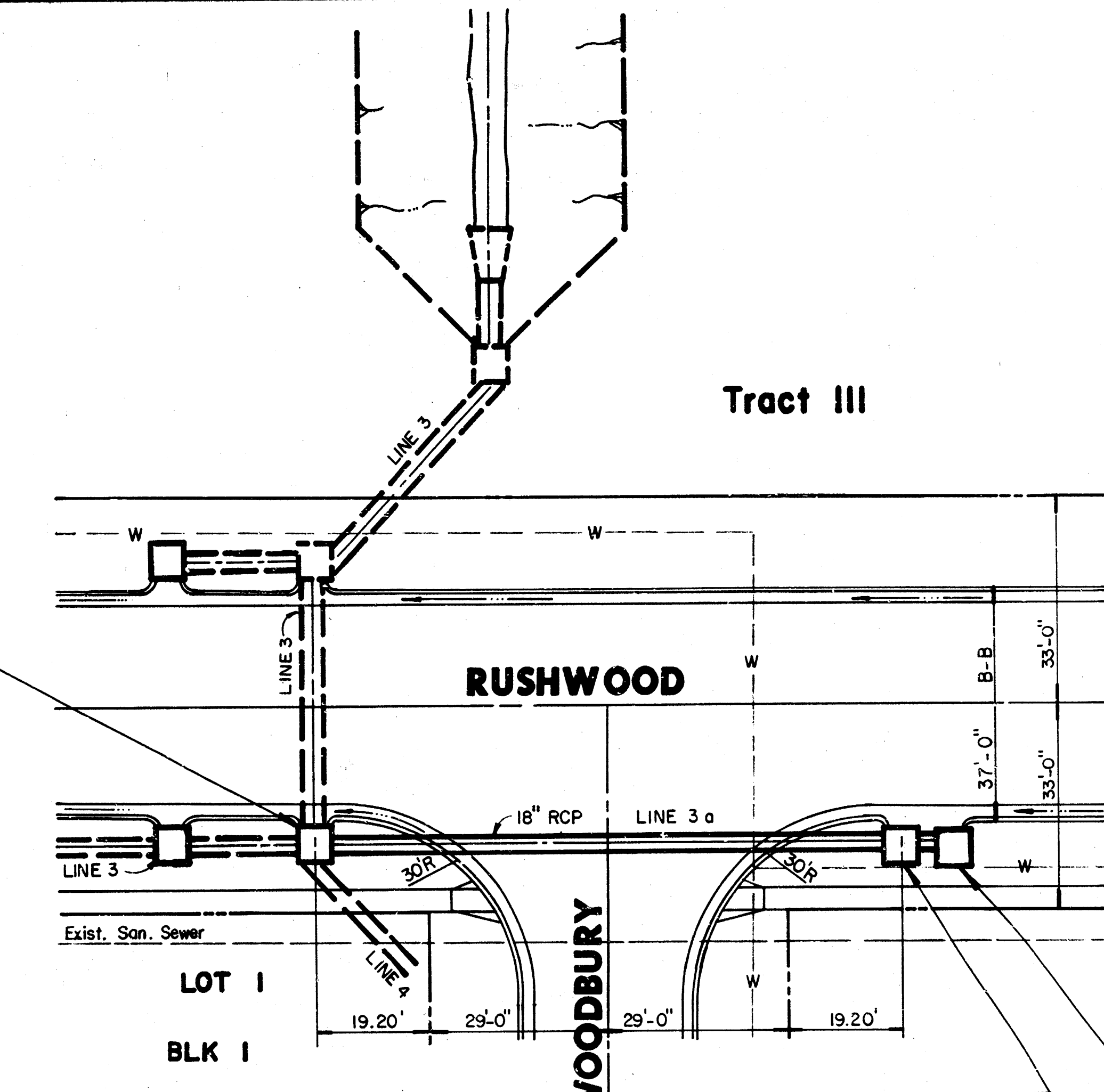
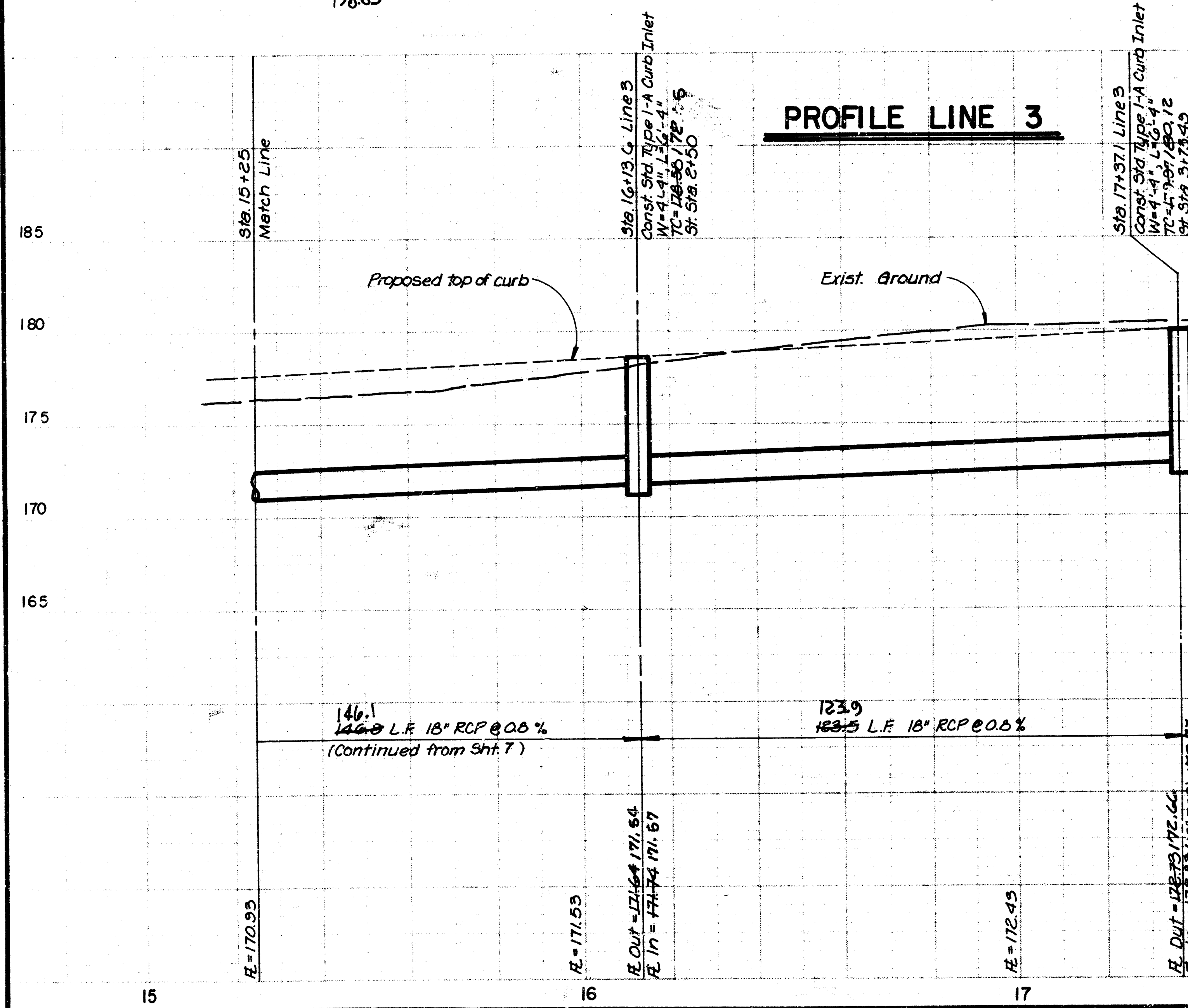




Sta. 16+13.6 Line 3
Const. Std. Type I-A Curb Inlet
W=4'-4", L=6'-4"
TC=173.68 St. Sta. 2+50
178.65

Sta. 17+37.1 Line 3
Const. Std. Type I-A Curb Inlet
W=4'-4", L=6'-4"
TC=173.97 St. Sta. 3+73.49
180.16

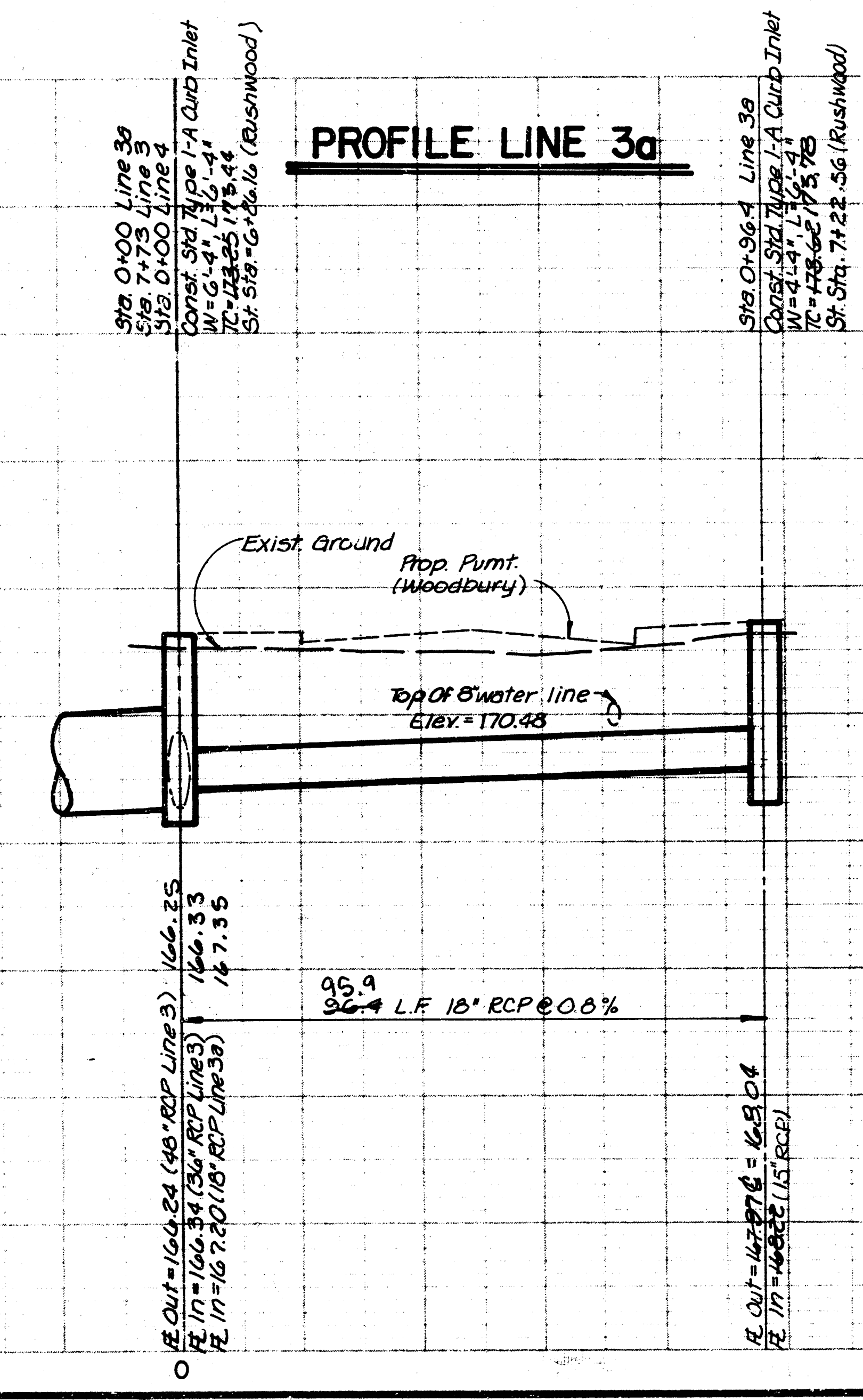
Sta. 17+45.9 Line 3
Const. Std. Type I-A Curb Inlet
W=4'-4", L=6'-4"
Install 90' L.F. 15" RCP USFL=172.93
TC=180.44 180.24 DSFL=172.83
St. Sta. 3+82.33 171.73



Sta. 0+00 Line 3a = Sta. 7+73 Line 3 =
Sta. 0+00 Line 4
Const. Std. Type I-A Curb Inlet
W=6'-4", L=7'-4"
TC=173.25 173.44
St. Sta. 6+26.16 (Rushwood)

Sta. 0+96.4 Line 3a
Const. Std. Type I-A Curb Inlet
W=4'-4", L=6'-4"
TC=173.62 173.78
St. Sta. 7+22.56 (Rushwood)

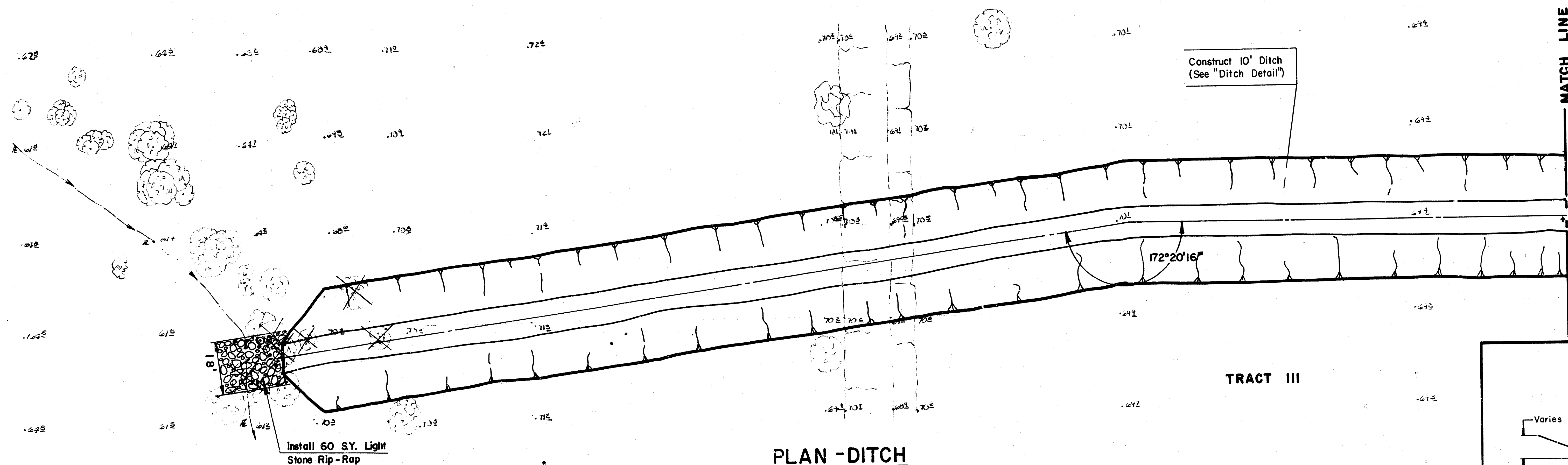
Sta. 1+05.4 Line 3a
Const. Std. Type I-A Curb Inlet
W=4'-4", L=6'-4"
Install 90' L.F. 15" RCP USFL=168.32
TC=173.67 173.90 DSFL=168.23 168.04
St. Sta. 7+31.56 (Rushwood)



As BUILT Plan
10/14/85
GREENE

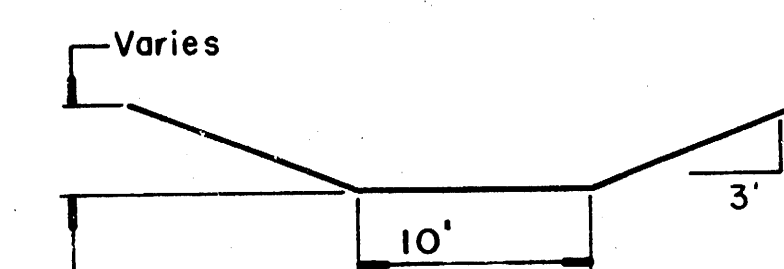
WILLOWOOD ADDITION
SWS. NO. 259
PROJ. NO. 468-76-245-8339-000-000-001

TRACT III



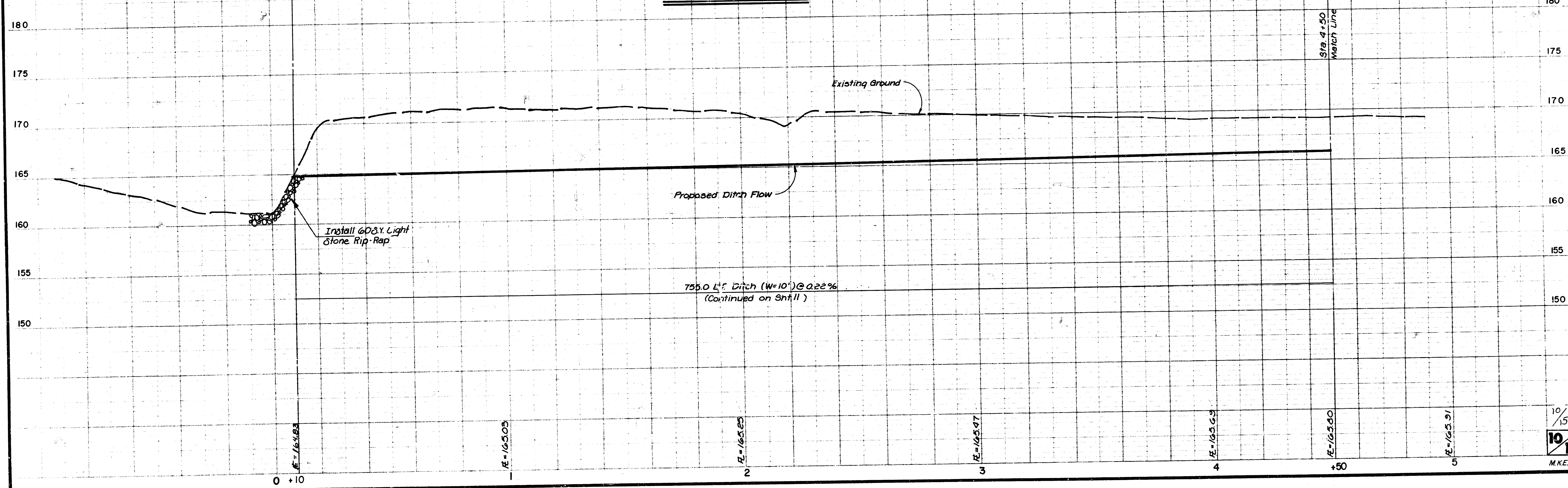
PLAN - DITCH

DITCH DETAIL

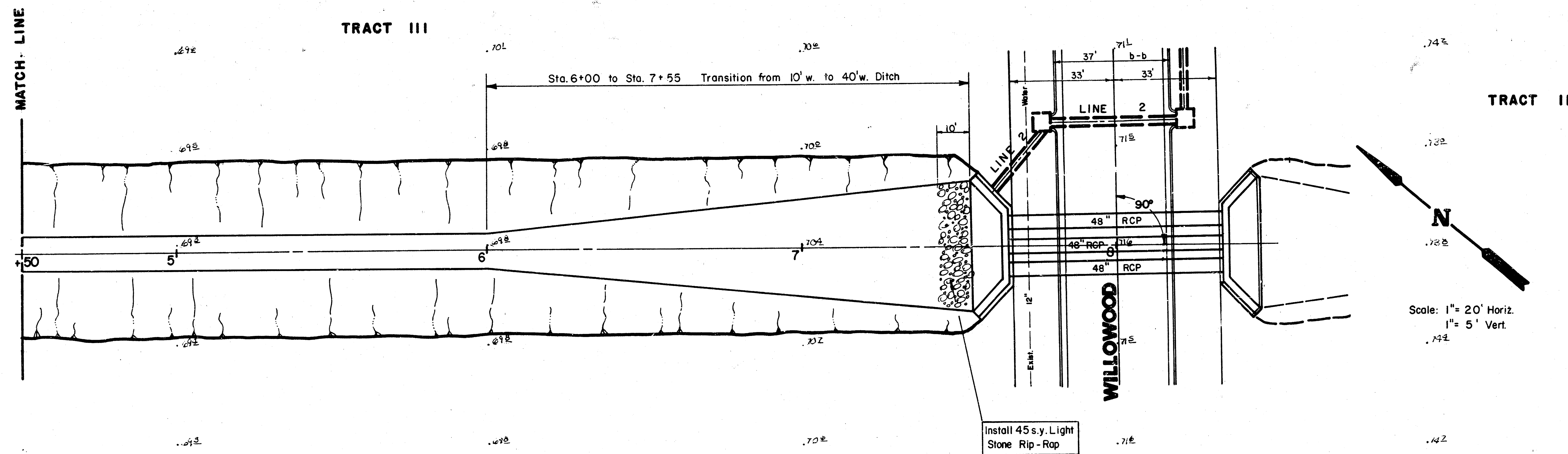


Scale: 1" = 20' Horiz.
1" = 5' Vert.

PROFILE - DITCH

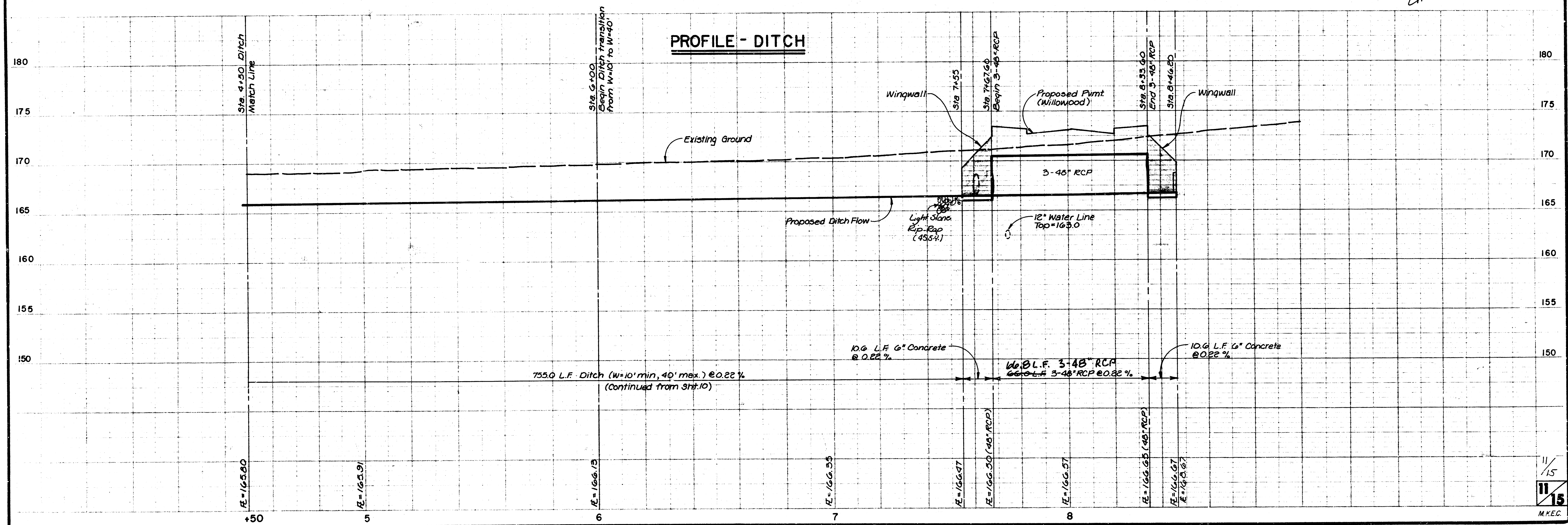


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PLAN - DITCH

*As BUILT
10/14/85
GREENE*



FRONT ELEVATION
Scale: $\frac{1}{4}'' = 1'-0''$

SEC. B-B
Scale: 1/4" = 1'-0"

DETAIL
KEN UT.

DETAIL - ALUMINUM RAILING

GALE V. U. BOLT

(4) Holes -
2 1/2" Carriage bolts w/ lock washers
1 1/2" ϕ holes under nuts for 2 1/2" ϕ x
1 1/2" ϕ holes in post under head +

14-00000

CONFIDENTIAL

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE

DATE 10-10-2010 BY 60322

14-00000

GENERAL NOTE

TOP VIEW

NOTE TO CONTRACTOR - Field cut + bend
steel around 5" x 5" in Winchell

SECTION THRU (C)

$$\frac{13}{1.5}$$

SEND DIAGRAMS

WING SECTION

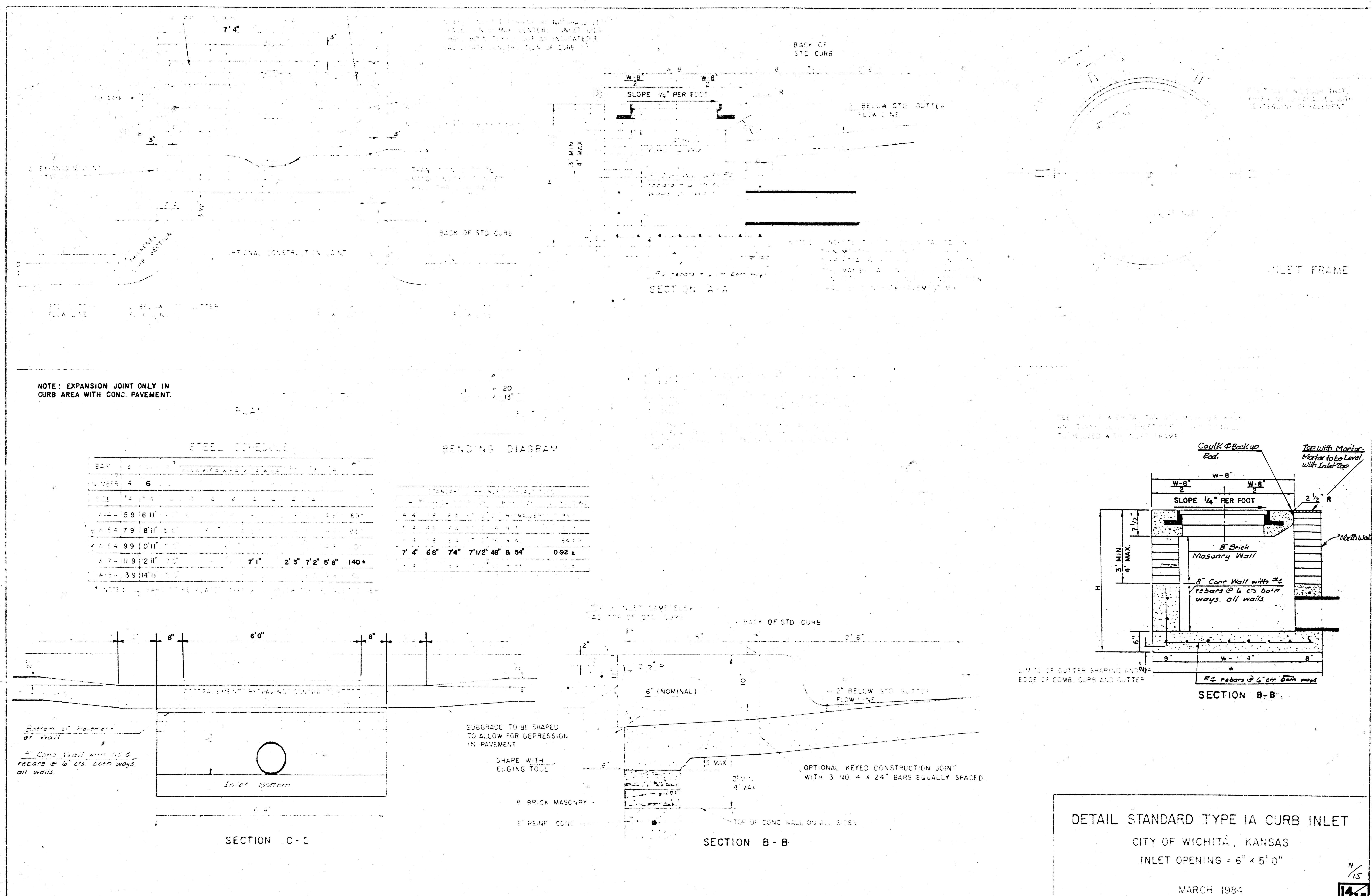
LIST OF BARS

SAND TO SILT												
For	C	10	15	20	25	30	35	40	45	50	55	60
Medium	50	60	65	70	75	80	85	90	95	100	105	110
Silt	5	10	15	20	25	30	35	40	45	50	55	60
Clay	5	10	15	20	25	30	35	40	45	50	55	60

REINE CONG. WINGWALLS
 272 AT 10111-Wilwood-in Wilwood
 Addition.
 #252
 Project No.
 468-76-845-81375-000-000-001

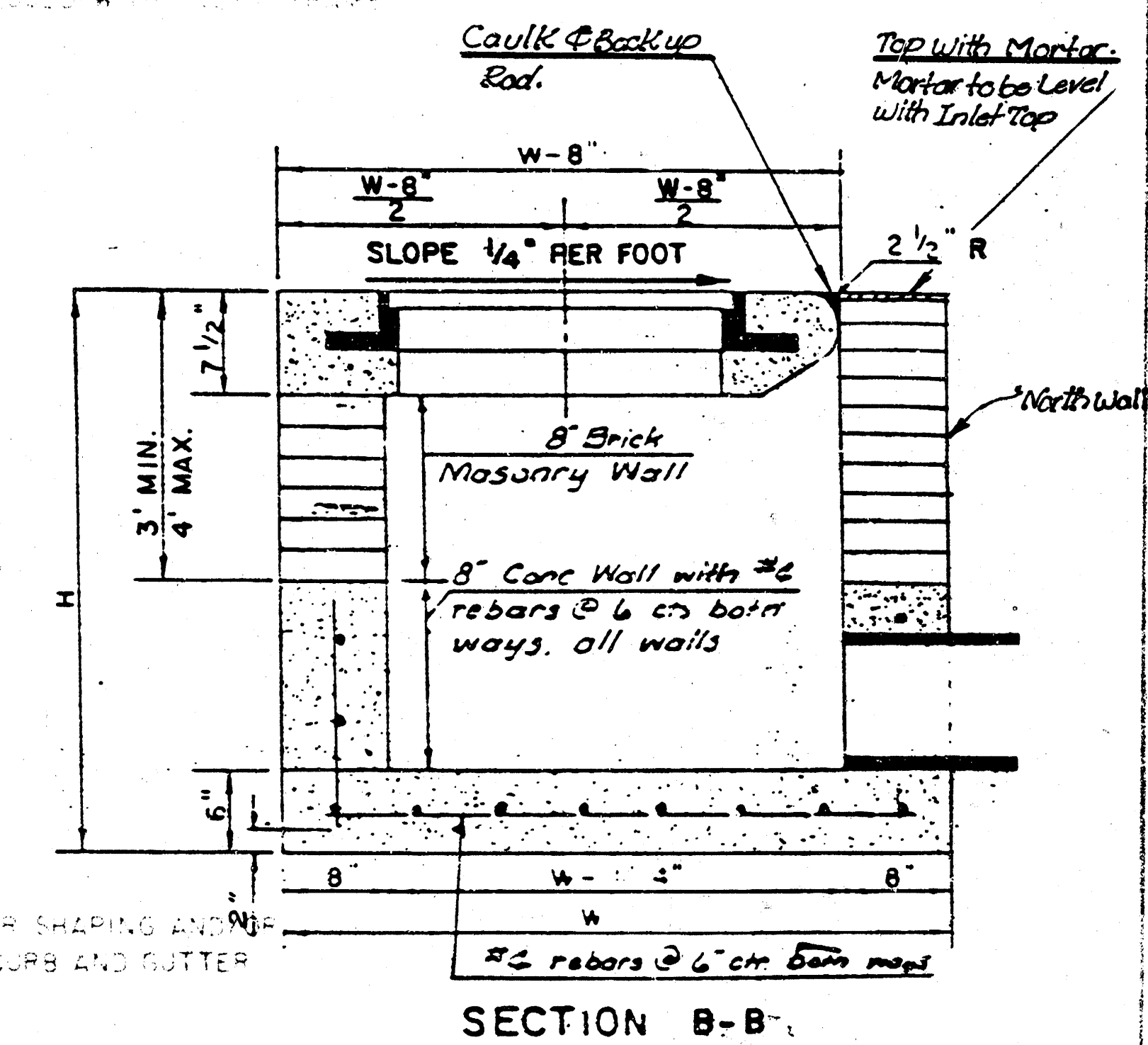
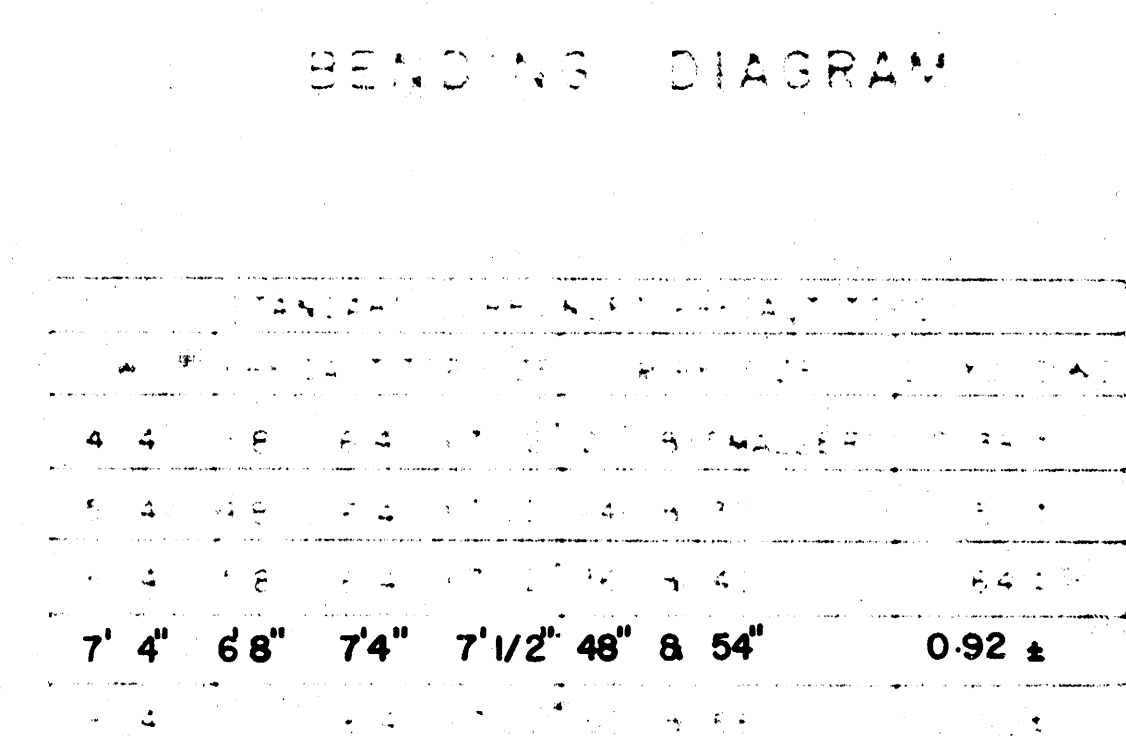
WICHITA, KANSAS 67206
SUITE 430
240 NORTH ROCK ROAD
MID-KANSAS ENGINEERING CONSULTANTS PA
685-6261

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STEEL SCHEDULE

BAR	NO.	SIZE	LENGTH	WEIGHT
1	4	6	10.0	1.10
2	4	6	10.0	1.10
3	4	6	10.0	1.10
4	4	6	10.0	1.10
5	4	6	10.0	1.10
6	4	6	10.0	1.10
7	4	6	10.0	1.10
8	4	6	10.0	1.10
9	4	6	10.0	1.10
10	4	6	10.0	1.10
11	4	6	10.0	1.10
12	4	6	10.0	1.10
13	4	6	10.0	1.10
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15	4	6	10.0	1.10
16	4	6	10.0	1.10
17	4	6	10.0	1.10
18	4	6	10.0	1.10
19	4	6	10.0	1.10
20	4	6	10.0	1.10
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22	4	6	10.0	1.10
23	4	6	10.0	1.10
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25	4	6	10.0	1.10
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30	4	6	10.0	1.10
31	4	6	10.0	1.10
32	4	6	10.0	1.10
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34	4	6	10.0	1.10
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40	4	6	10.0	1.10
41	4	6	10.0	1.10
42	4	6	10.0	1.10
43	4	6	10.0	1.10
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97	4	6	10.0	1.10
98	4	6	10.0	1.10
99	4	6	10.0	1.10
100	4	6	10.0	1.10



DETAIL STANDARD TYPE IA CURB INLET

CITY OF WICHITA, KANSAS

INLET OPENING = 6" x 5'0"

MARCH 1984

14/15

