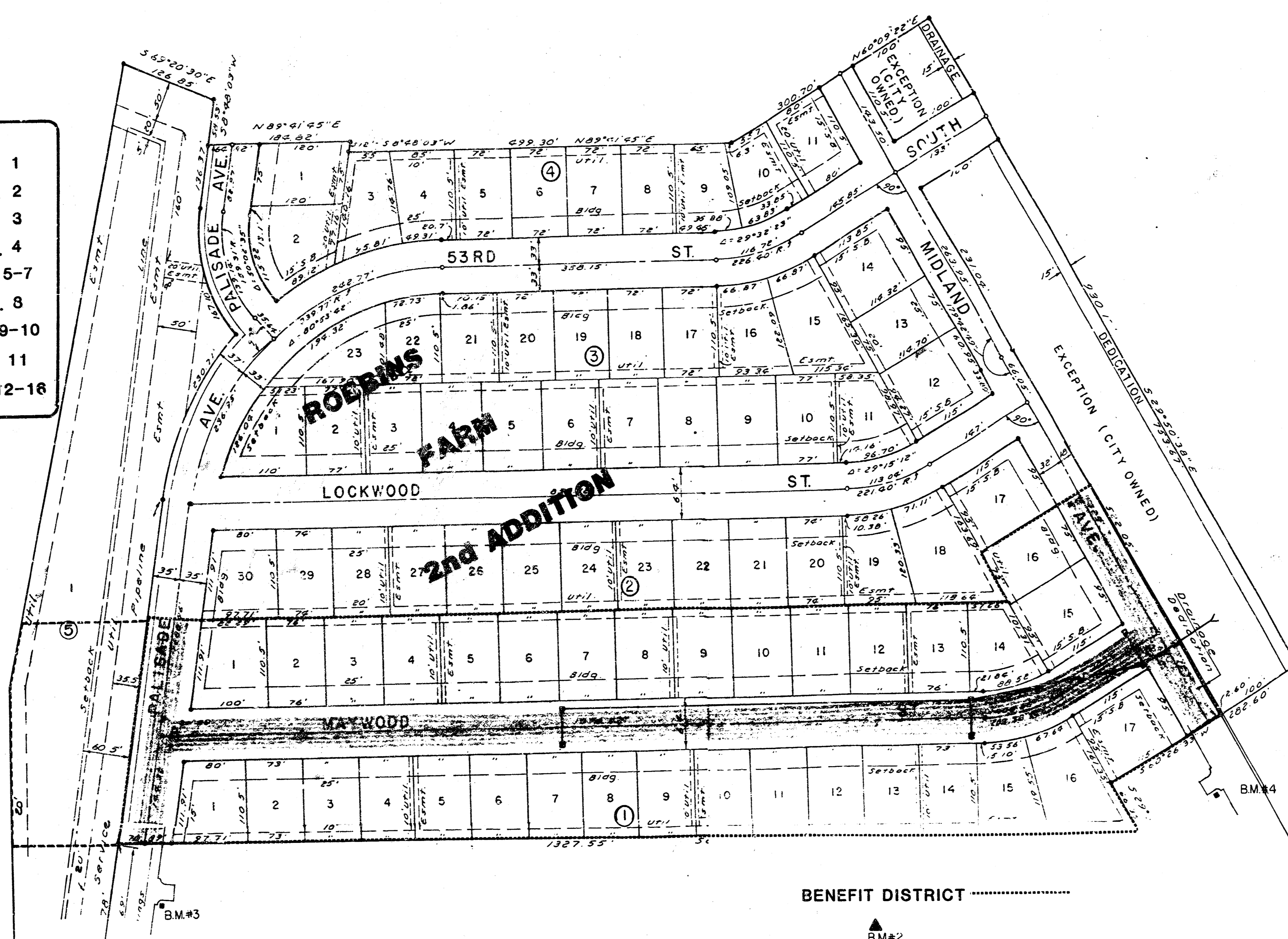


STREET IMPROVEMENTS FOR ROBBINS FARM 2ND ADDITION

PALISADE - FROM S. L. OF ROBBINS 2ND ADDITION TO N.L. OF LOT 1, BLK. 2
MAYWOOD - FROM E.L. OF PALISADE TO W. L. OF MIDLAND
MIDLAND - FROM S.L. OF LOT 17, BLK. 1 TO N.L. LOT 16, BLK. 2

PROJECT NO.
472-76-245-81401-000-000-001

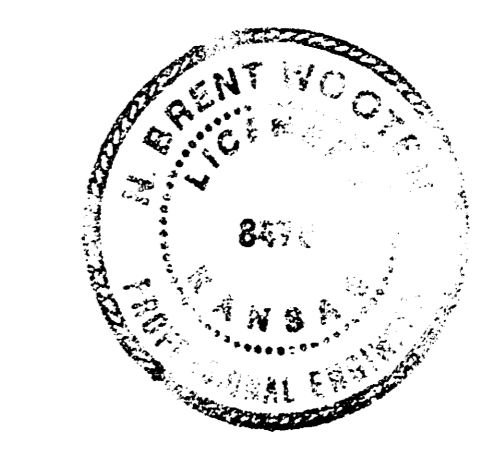
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35' PAVEMENT DETAIL SHEET	3
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MAYWOOD ST. STREET PLAN	5-7
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- NOTE**
- Utility service lines, poles, valve boxes, meters, and structures are to be adjusted as necessary by others prior to construction unless the plans specifically call for their adjustment by the Contractor. Existing utilities and their location, as shown on the plans, represent the best information obtainable for design. The Contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.
 - The Contractor shall notify pipeline companies at least 24 hours in advance of any work being performed over and/or adjacent to pipelines.
 - No more than 48 drives 48 feet in width, or equivalent combinations thereof, are to be constructed with this project.
 - Widened gutter section of combined curb and gutter at intersections will not be paid for directly, and this cost shall be considered as subsidiary to the other contract pay items of work.
 - Limits of earthwork shall match existing ground elevations at the right-of-way line unless otherwise noted on the plans with a new finished grade elevation. When a new finished grade elevation is shown, the earthwork shall extend one foot beyond the right-of-way line and then sloped up or down using permissible slopes to match the existing ground surface.
 - The Contractor shall be responsible for preserving property irons. The Contractor will 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.
 - Driveway widths and locations shown on the plan are tentative. Contractor will be required to obtain properly executed driveway request form signed by property owner or his authorized representative verbatim such driveway widths and locations. Such forms shall be submitted to the Engineer for his review and approval.
 - All excess excavating from this project is to remain on the construction site. Contact Dale Cooper 666-1111 for location of areas to receive the excess excavation.

- BENCHMARKS**
- CITY DISC 45' N AND 40' N 1/4 SEC CORNER, GOLD AT 55TH STREET SO. ELEV. +81.36 CITY CENTER
 - 10' CUT IN TOP OF CURB BETWEEN LOTS 12 AND 13 BLOCK 3, ROBBINS FARM ADD. ELEV. +82.12
 - 10' CUT IN TOP OF CURB SO SIDE DRIVE (15E #5401) LOT 1, BLOCK 3, ROBBINS FARM ADD. ELEV. +84.33
 - 10' CUT IN TOP OF CURB SO SIDE DRIVE (15E #5403) LOT 12, BLOCK 3, ROBBINS FARM ADD. ELEV. +82.26

CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK - CITY ENGINEER

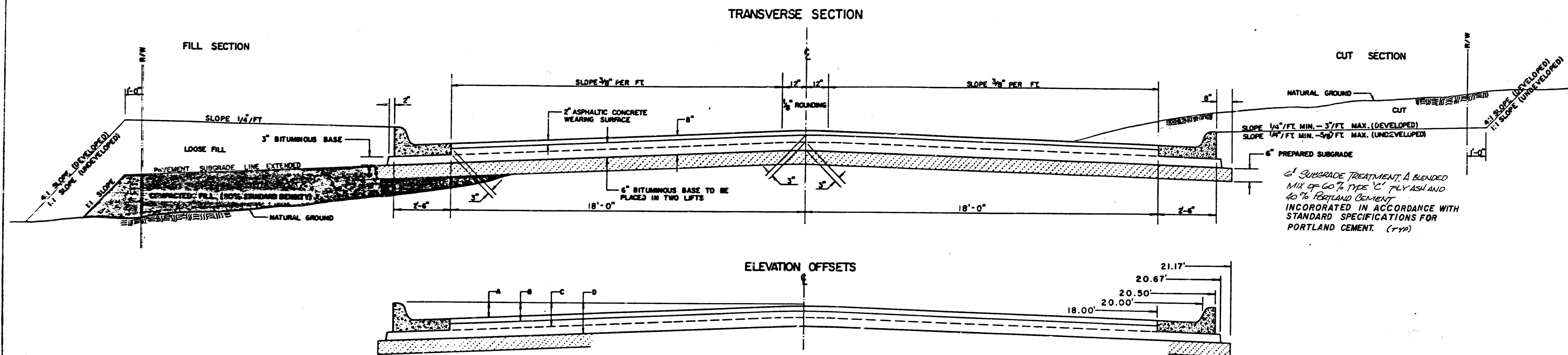


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 SURVEYING & ENGINEERING
 316/262-7271 • 315 E116 • WICHITA, KANSAS 67211

AUGUST, 1986

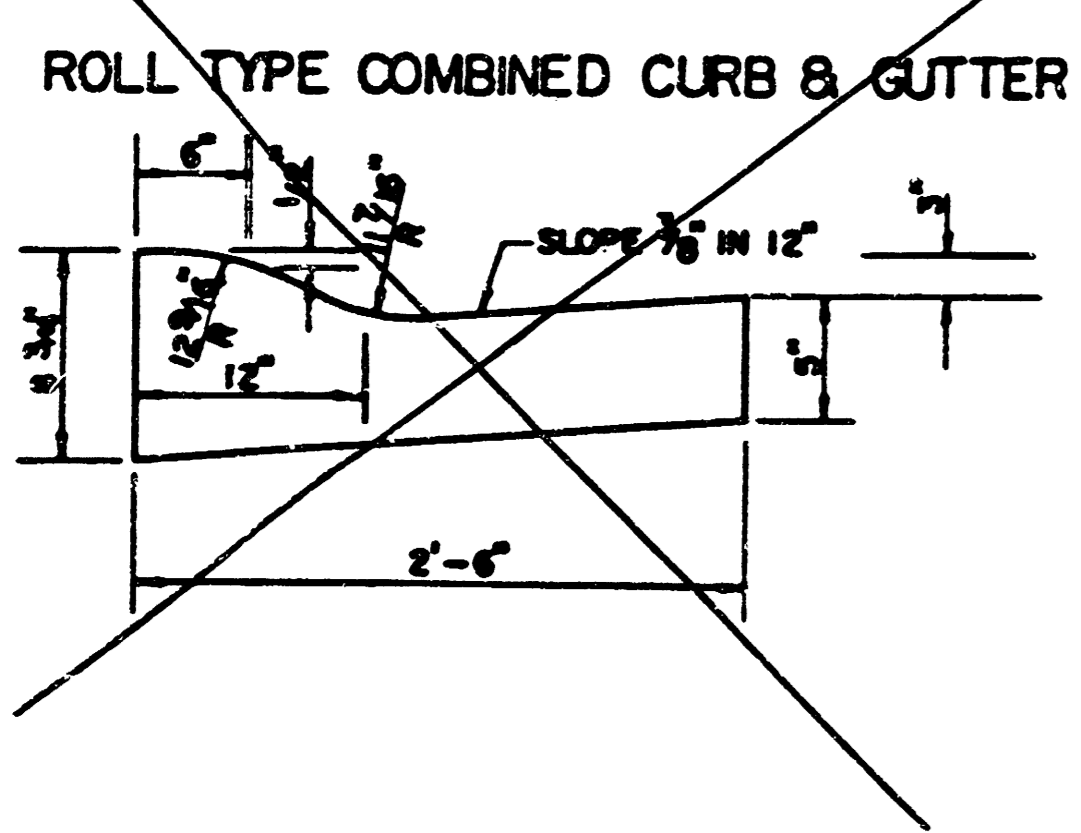
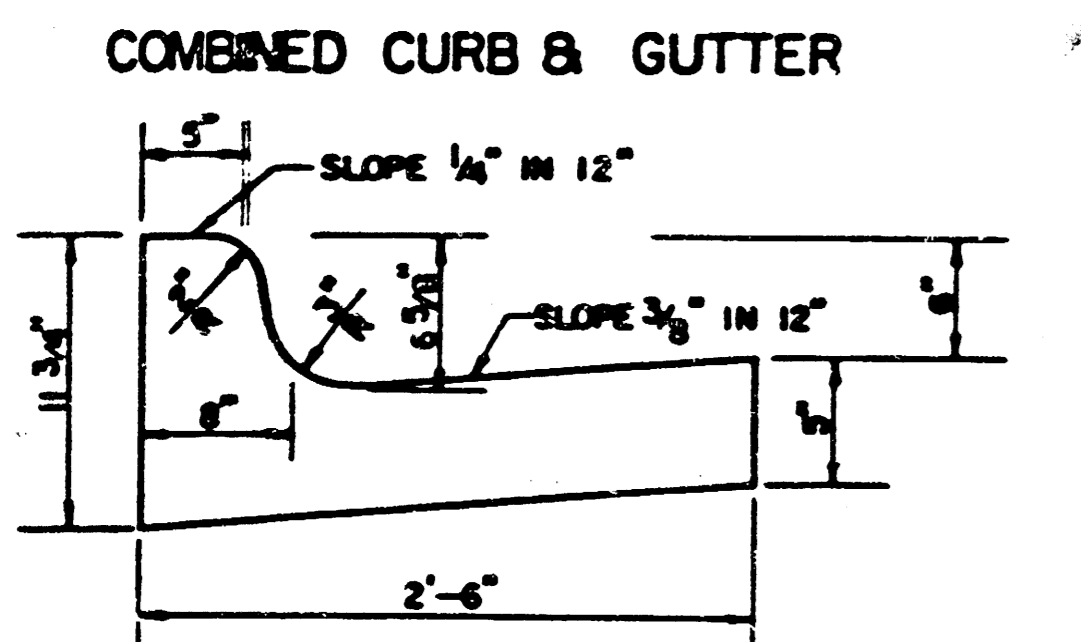
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TYPICAL 41' PAVEMENT DETAILS



1/ SUBGRADE TREATMENT: A BLENDED MIX OF 60% TYPE 'C' FLY ASH AND 40% PORTLAND CEMENT INCORPORATED IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR PORTLAND CEMENT. (TYP)

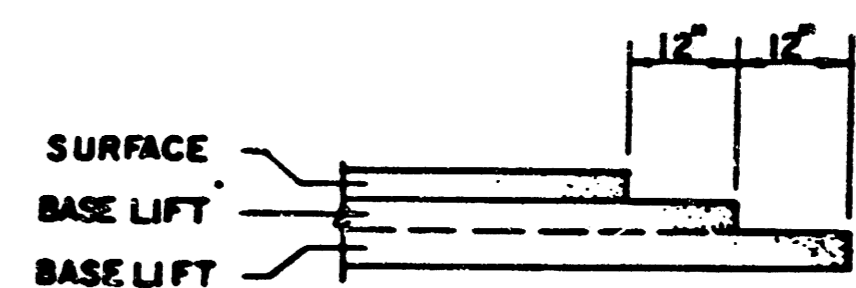
	DISTANCE FROM CENTERLINE (LT. & RT.)													
	0	2	4	6	8	10	12	14	16	18	20	20.5	20.67	21.17
A: TOP OF CURBS TO TOP OF SURFACE LIFT	-.05	-.01	.05	.11	.18	.24	.30	.36	.43	.49	—	—	—	—
B: TOP OF CURBS TO TOP OF UPPER BASE LIFT	.11	.16	.22	.28	.34	.40	.47	.53	.59	.65	—	—	—	—
C: TOP OF CURBS TO TOP OF LOWER BASE LIFT	.36	.41	.47	.53	.59	.65	.72	.78	.84	.90	.97	.98	.99	—
D: TOP OF CURBS TO TOP OF SUBGRADE	.61	.66	.72	.78	.84	.90	.97	1.03	1.09	1.15	1.22	1.23	1.24	1.25



GENERAL NOTES

- 1) THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 8" ASPHALTIC CONCRETE (6" BITUMINOUS BASE).
- 2) THE BITUMINOUS BASE UNDER AND BEHIND THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 3" BITUMINOUS BASE.
- 3) A TACK COAT OF EMULSIFIED ASPHALT (SC-1H OR CSS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.05 GALLONS PER SQUARE YARD BETWEEN EACH LIFT OF ASPHALTIC MATERIAL.
- 4) BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC CONTROLS FOR LINE AND GRADE.
- 5) CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF ONE (1) FOOT FROM JOINTS IN PRECEDING LIFTS AND PLACED SO THAT A JOINT WILL BE CONSTRUCTED ON THE CENTERLINE OF THE TOP LIFT.
- 6) CONTRACTOR TO BID ONLY ONE SUBGRADE TREATMENT ALTERNATE WHEN ALTERNATES ARE PROVIDED IN THE PROPOSAL AND CONTRACT. THE ALTERNATE CHOSEN BY THE SUCCESSFUL BIDDER SHALL BE USED IN CONSTRUCTING THIS PROJECT.

TRANSVERSE CONSTRUCTION JOINTS

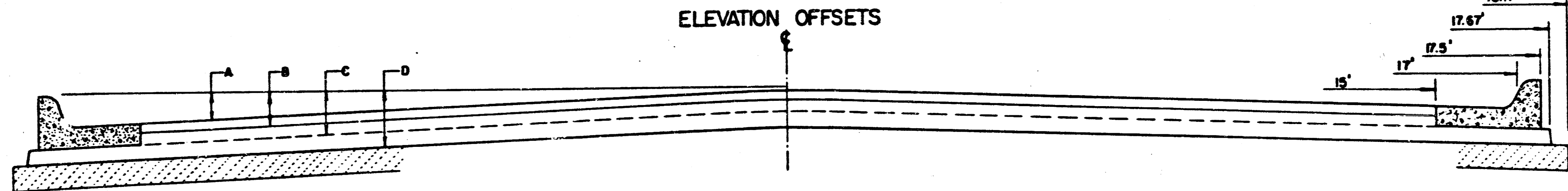
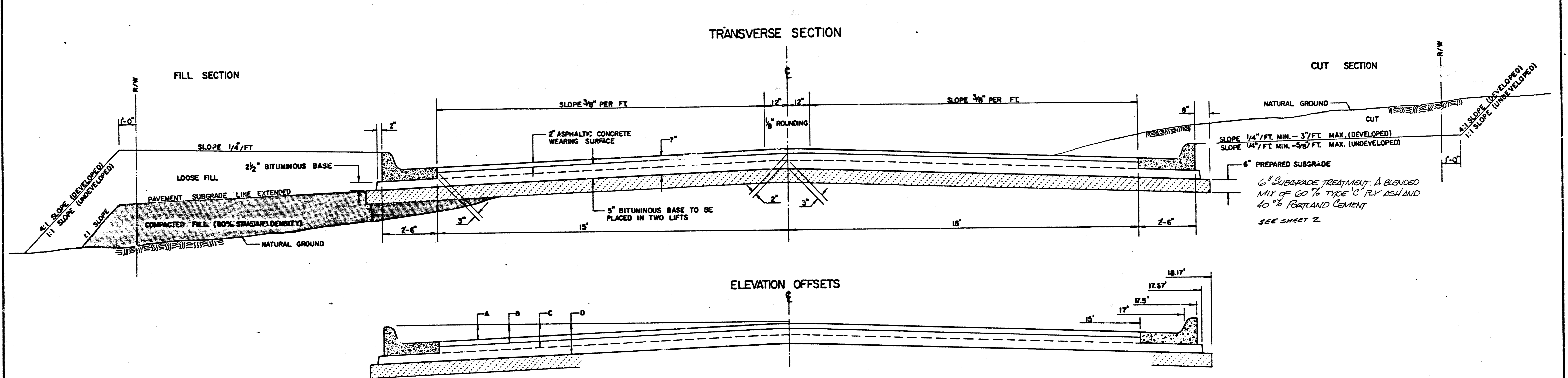


TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT JOINTS EXISTING FLEXIBLE BASE PAVEMENT AS SHOWN BY THE DETAIL. ALL COSTS ASSOCIATED WITH THE CONSTRUCTION OF THE TRANSVERSE JOINT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS 8" ASPHALTIC CONCRETE (6" BITUMINOUS BASE).

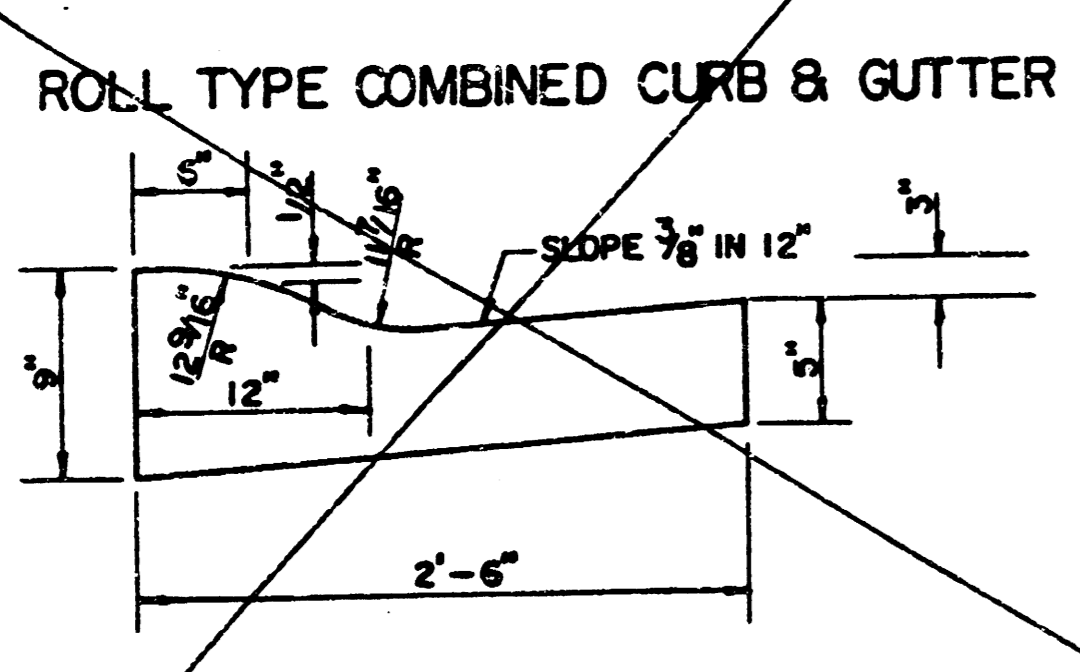
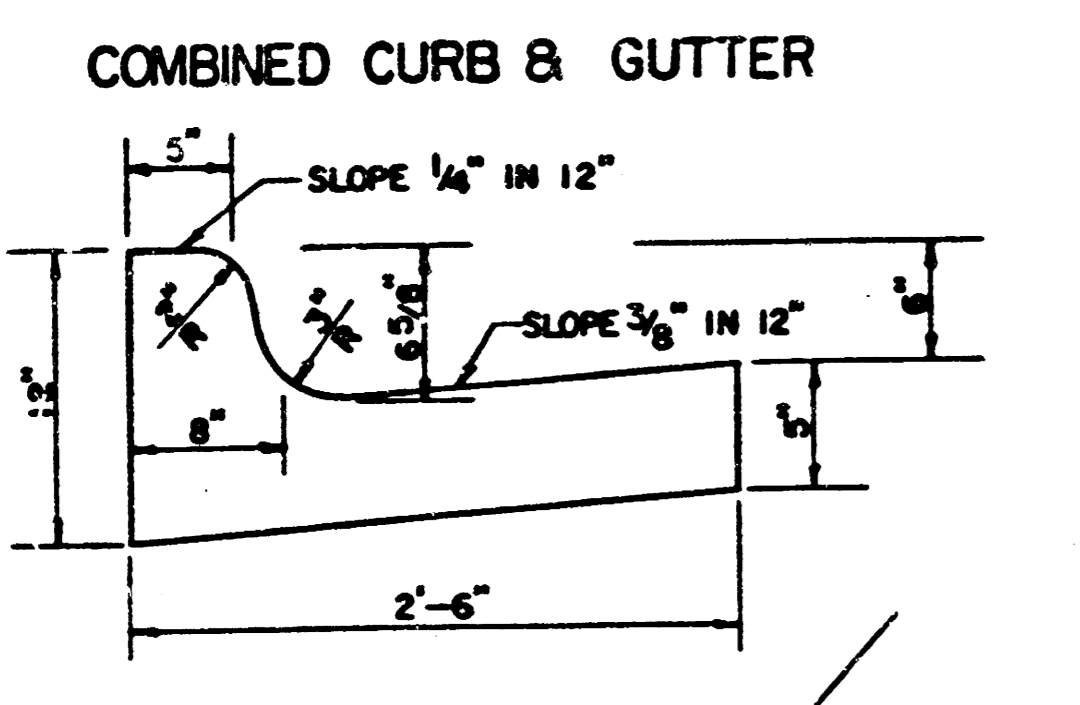
8 INCH RESIDENTIAL ASPHALTIC CONCRETE PAVEMENT WITH 6 INCH BITUMINOUS BASE
 CITY OF WICHITA, KANSAS
 PROJECT NUMBER
 472-76-245-81401-000-000-001

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TYPICAL 35' PAVEMENT DETAILS



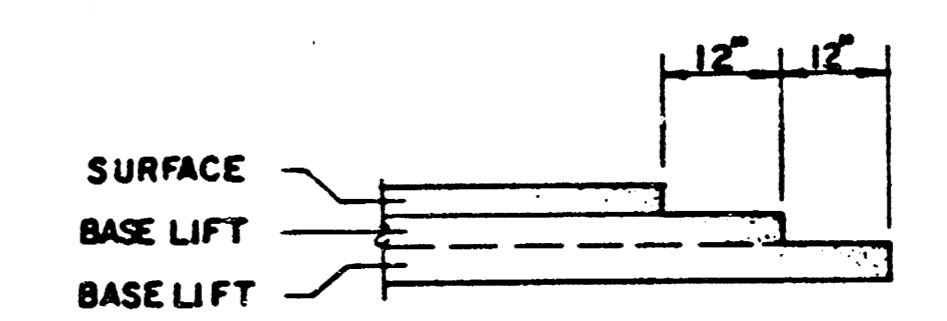
	DISTANCE FROM CENTERLINE (LT. & RT.)												
	0'	2'	4'	6'	8.5'	10'	12'	14'	15'	17'	17.5'	17.67'	18.17'
A: TOP OF CURBS TO TOP OF SURFACE LIFT	0.04	0.06	0.14	0.21	0.29	0.33	0.39	0.46	0.49	—	—	—	—
B: TOP OF CURBS TO TOP OF UPPER BASE LIFT	0.21	0.25	0.31	0.37	0.45	0.50	0.56	0.62	0.65	—	—	—	—
C: TOP OF CURBS TO TOP OF LOWER BASE LIFT	0.37	0.43	0.50	0.57	0.67	0.72	0.79	0.87	0.90	0.98	1.00	1.00	—
D: TOP OF CURBS TO TOP OF SUBGRADE	0.62	0.67	0.74	0.81	0.90	0.95	1.02	1.08	1.12	1.19	1.21	1.21	1.23



GENERAL NOTES

- 1) THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 7" ASPHALTIC CONCRETE (5" BITUMINOUS BASE).
- 2) THE BITUMINOUS BASE UNDER AND BEHIND THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 2 1/2" BITUMINOUS BASE.
- 3) A TACK COAT OF EMULSIFIED ASPHALT (SC-1H OR CSS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.05 GALLONS PER SQUARE YARD BETWEEN EACH LIFT OF ASPHALTIC MATERIAL.
- 4) BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC CONTROLS FOR LINE AND GRADE.
- 5) CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF ONE (1) FOOT FROM JOINTS IN PRECEDING LIFTS AND PLACED SO THAT A JOINT WILL BE CONSTRUCTED ON THE CENTERLINE OF THE TOP LIFT.
- 6) CONTRACTOR TO BID ONLY ONE SUBGRADE TREATMENT ALTERNATE WHEN ALTERNATES ARE PROVIDED IN THE PROPOSAL AND CONTRACT. THE ALTERNATE CHOSEN BY THE SUCCESSFUL BIDDER SHALL BE USED IN CONSTRUCTING THIS PROJECT.

TRANSVERSE CONSTRUCTION JOINTS

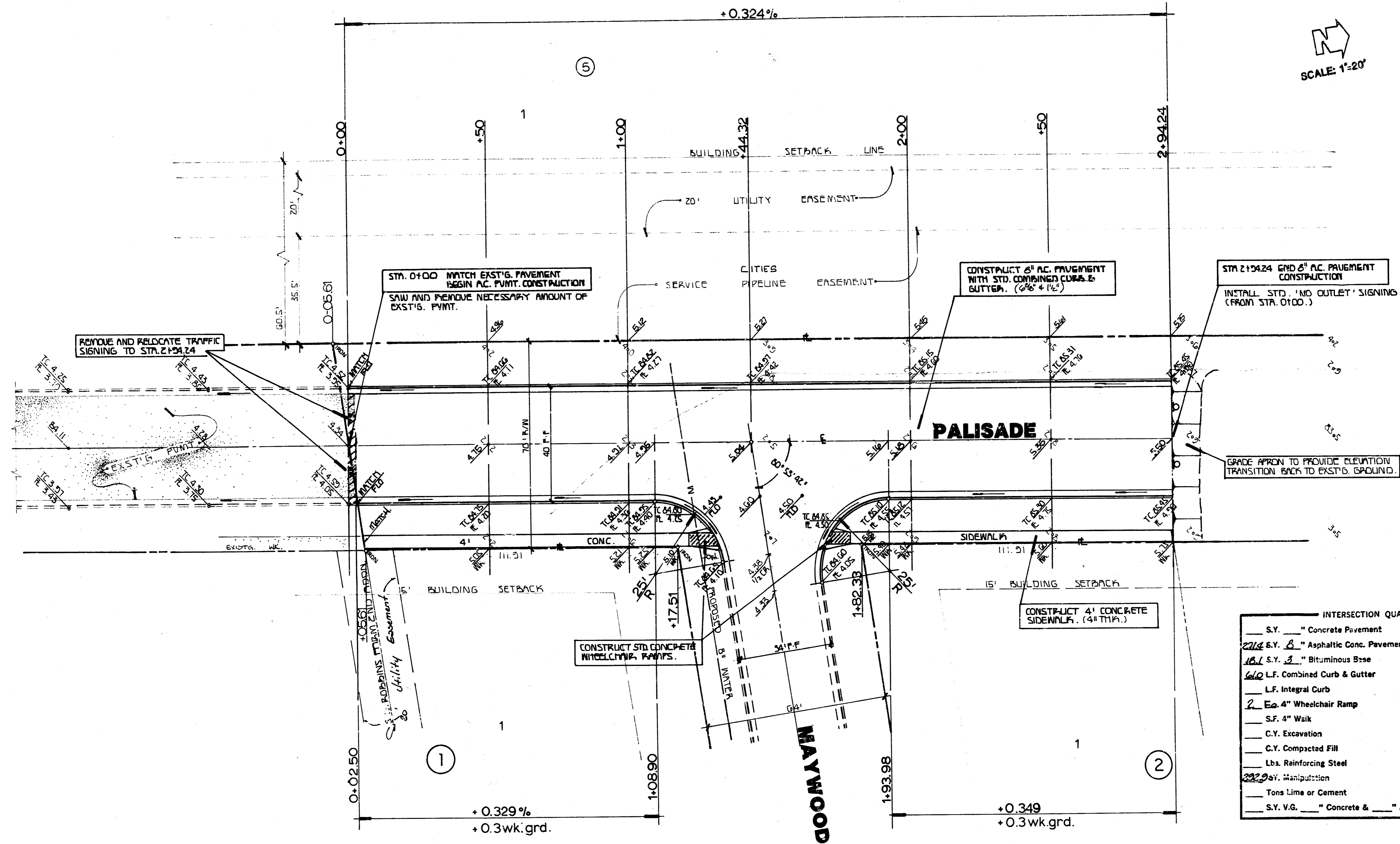


TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT JOINS EXISTING FLEXIBLE BASE PAVEMENT AS SHOWN BY THE DETAIL. ALL COSTS ASSOCIATED WITH THE CONSTRUCTION OF THE TRANSVERSE JOINT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS 7" ASPHALTIC CONCRETE (5" BITUMINOUS BASE).

7 INCH RESIDENTIAL ASPHALTIC CONCRETE PAVEMENT WITH 5 INCH BITUMINOUS BASE
 CITY OF WICHITA, KANSAS
 PROJECT NUMBER
 472-76-245-81401-000-000-001

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APPROVED FOR CONSTRUCTION BY THE CITY OF WICHITA, KANSAS
 WICHITA, KANSAS 67202



SCALE: 1"=20'

INTERSECTION QUANTITIES

— S.Y. —	Concrete Pavement
2112 S.Y. 8"	Asphaltic Conc. Pavement (6" Bituminous Base)
161 S.Y. 3"	Bituminous Base
1612 L.F.	Combined Curb & Gutter
—	L.F. Integral Curb
2 Ea.	4" Wheelchair Ramp
—	S.F. 4" Walk
—	C.Y. Excavation
—	C.Y. Compacted Fill
—	Lbs. Reinforcing Steel
2220 S.Y.	Manipulation
—	Tons Lime or Cement
S.Y. V.G.	Concrete & Asphaltic Concrete Base

BENCHMARKS
 CITY DISC 45' N AND 40' 11" W SEC. CORNER,
 GOLD AT 55TH STREET SO. ELEV. + 81.36 CITY DONTUM
 10' CUT IN TOP OF CURB BETWEEN LOTS 12 AND 13
 BLOCK 3, ROBINS FARM ADDN. ELEV. + 82.12
 10' CUT IN TOP OF CURB SO. SIDE DRIVE (HSE # 5840)
 LOT 1, BLOCK 3, ROBINS FARM ADDN. ELEV. + 84.35
 10' CUT IN TOP OF CURB SO. SIDE DRIVE (HSE # 5463)
 LOT 15, BLOCK 3, ROBINS FARM ADDN. ELEV. + 82.26

LEGEND

— N —	PROPOSED WATER LINE
— S —	EXIST'G. SAN. SEWER
— — —	PROPOSED STORM SEWER

EARTHWORK QUANTITIES

EXCAVATION	= 3971.0 C.Y.	COMPACTED FILL	= 520.8 C.Y.
+ 10 %	= 3971.0 C.Y.	+ 10 %	= 520.8 C.Y.
TOTAL	= 4368.1 C.Y.	TOTAL	= 572.9 C.Y.
SUBGRADE MANIPULATION = 7945.0 S.Y.			

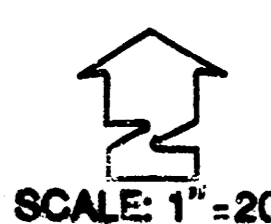
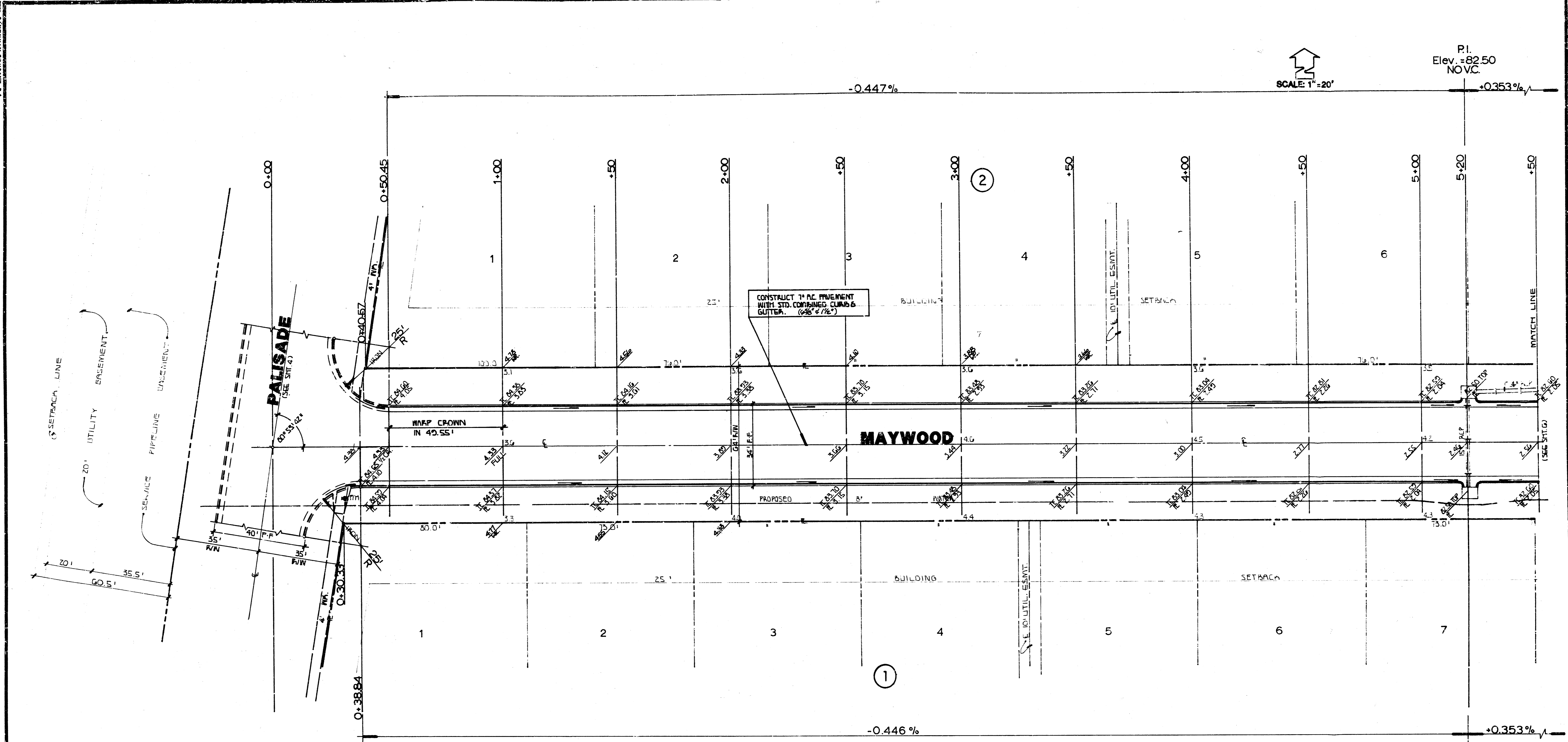
STREET IMPROVEMENTS FOR
ROBBINS FARM 2nd ADDITION
 472-76-245-81401-000-000-001
 (8" A.C. PAVEMENT w/ COMBINED CURB and GUTTER)
PALISADE
 FROM E. OF 55TH ST. TO ADDITION TO
 E.L. OF LOT 1, BLK. 2

DATE 22 JUL 08 SHEET 4 of 16

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 SURVEYING & ENGINEERING
 816/263-7271 • 315. E. 11th • WICHITA, KANSAS 67211

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SURVEYING & ENGINEERING
316 WILLO
WICHITA, KANSAS 67211



P.I.
Elev. = 82.50
NO VC
+0.353%

P.I.
Elev. = 82.50
NO VC
+0.353%

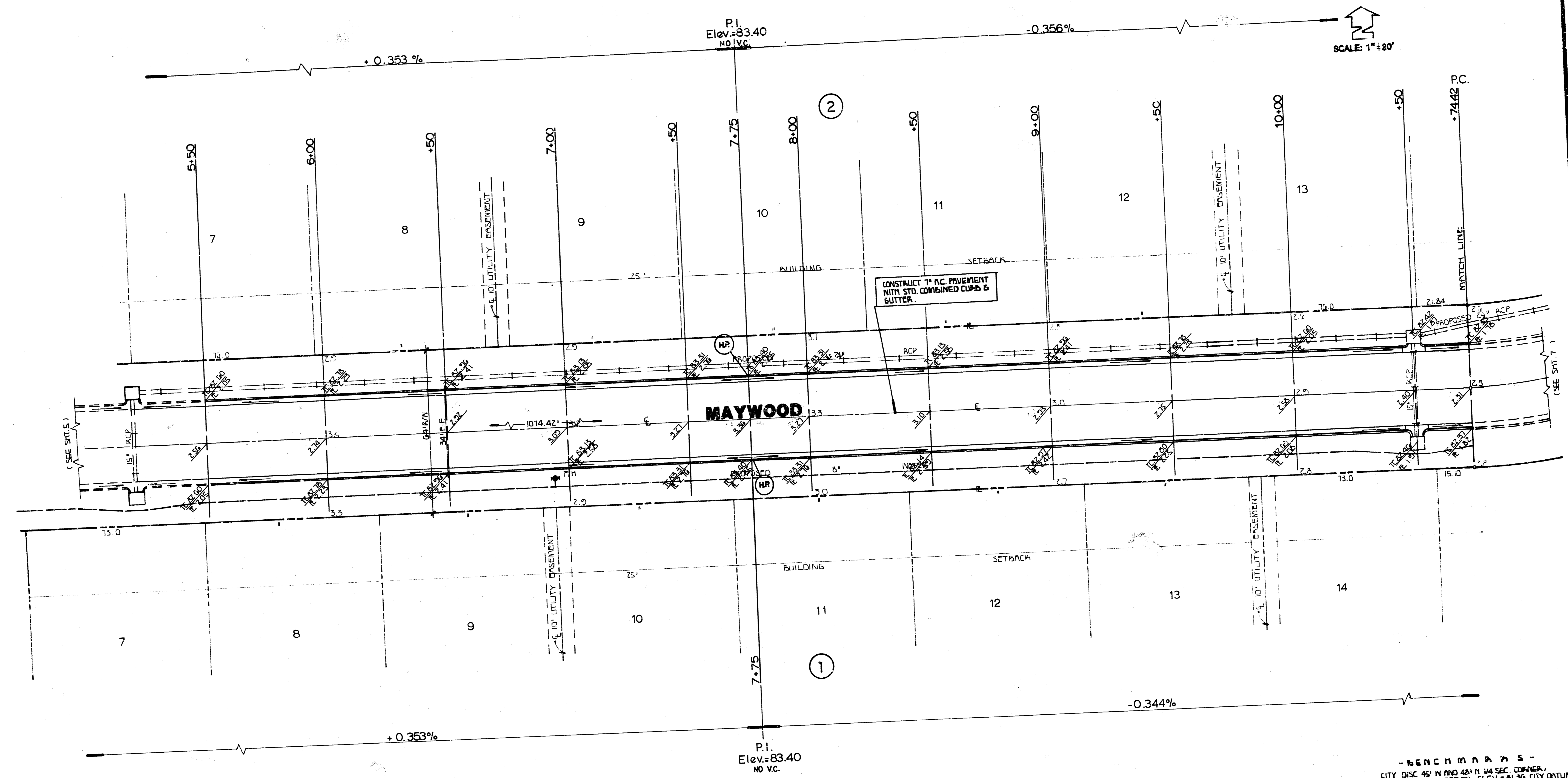
- BENCHMARKS**
- CITY DISC 45' N AND 45' N 1/4 SEC. CORNER, GOLD AT 55TH STREET SO. ELEV. = 81.36 CITY DATUM
 - 1' CUT IN TOP OF CURB BETWEEN LOTS 12 AND 13 BLOCK 3, ROBBINS FARM ADDN. ELEV. = 82.12
 - 1' CUT IN TOP OF CURB SO. SIDE DRIVE (HSE # 5840) LOT 1, BLOCK 3, ROBBINS FARM ADDN. ELEV. = 84.33
 - 1' CUT IN TOP OF CURB SO. SIDE DRIVE (HSE # 5463) LOT 10, BLOCK 3, ROBBINS FARM ADDN. ELEV. = 82.26

STREET IMPROVEMENTS FOR
ROBBINS FARM 2nd ADDITION
472-76-245-81401-000-000-G01
(7' A.C. PAVEMENT w/ COMBINED CURB and GUTTER)
MAYWOOD
- FROM E.L. OF PALISADE TO W. L. OF MIDLAND

BAUGHMAN COMPANY, P.A.
SURVEYING & ENGINEERING
316 WILLO • WICHITA, KANSAS 67211

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SURVEYING & ENGINEERING
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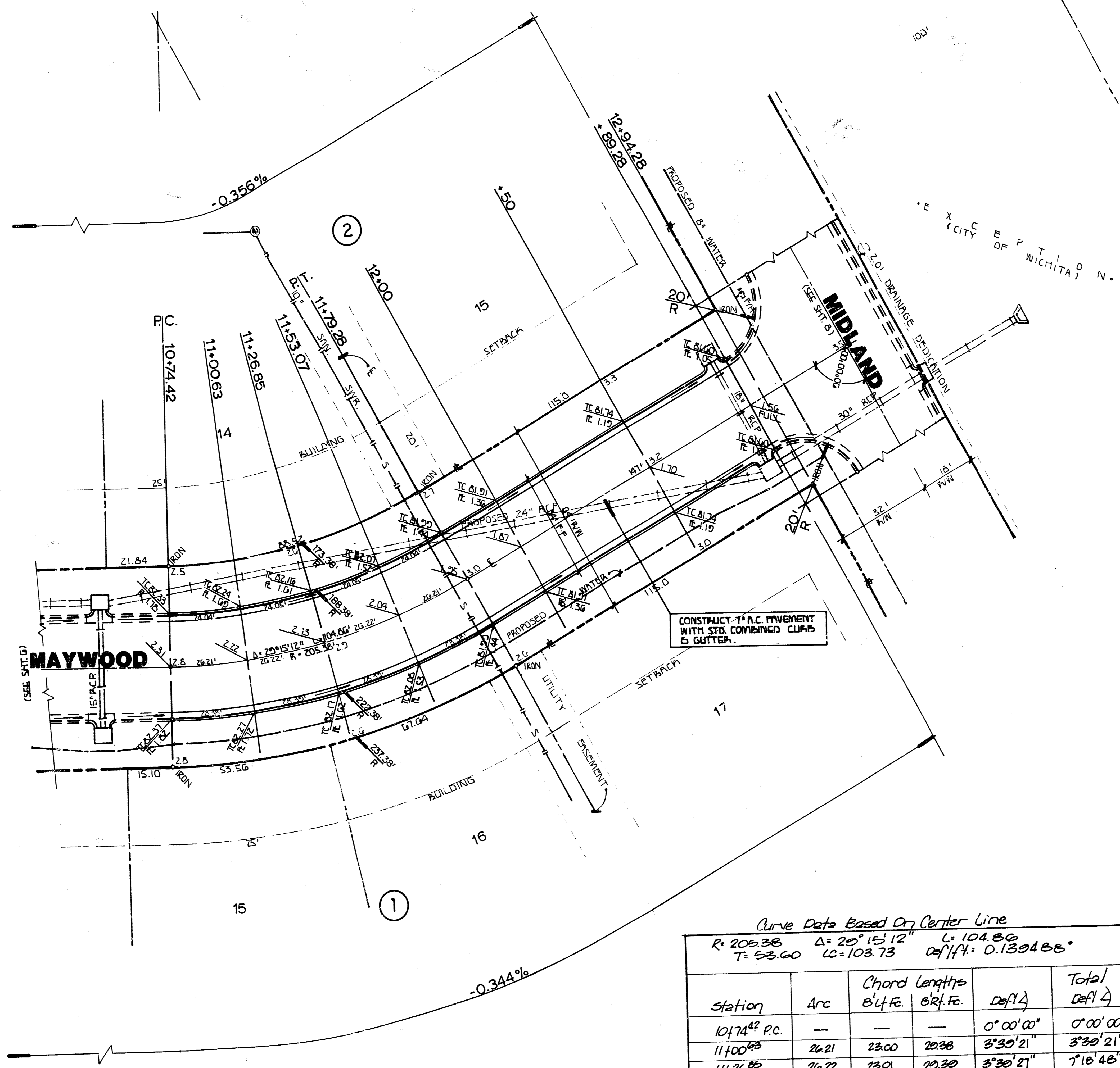
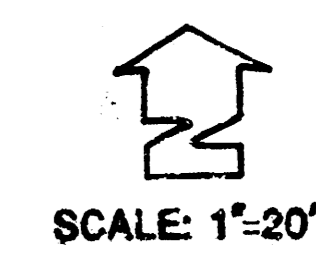
BENCHMARKS
CITY DISC 45" IN AND 45" IN DIA SEC. CORNER, GOLD AT 55TH STREET S.D. ELEV. = 61.30 CITY DATUM
10' CUT IN TOP OF CURBS BETWEEN LOTS 12 AND 13 BLOCK 3, ROBBS FARM ADDN. ELEV. = 82.12
10' CUT IN TOP OF CURBS SO SIDE DRIVE (USE #5943) LOT 1, BLOCK 3, ROBBS FARM ADDN. ELEV. = 84.35
10' CUT IN TOP OF CURBS SO SIDE DRIVE (USE #5963) LOT 10, BLOCK 3, ROBBS FARM ADDN. ELEV. = 82.26

STREET IMPROVEMENTS FOR
ROBBS FARM 2nd ADDITION
472-76-245-81401-000-001
(7" A.C. PAVEMENT w/ COMBINED CURBS and GUTTER)
MAYWOOD
- FROM E.L. OF RAILROAD TO W. L. OF MIDLAND

6/16
BAUGHMAN COMPANY, P.A.
SURVEYING & ENGINEERING
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MAYWOOD STREET
472-76-245-81401-000-001
ROBBS FARM 2nd ADDN.

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Curve Data Based On Center Line
 $R = 209.38$ $\Delta = 20^\circ 15' 12''$ $L = 104.80$
 $T = 53.60$ $LC = 103.73$ $Defl A = 0.130488^\circ$

Station	Arc	Chord Length	Chord	Defl A	Total
		St. Fe.	St. Fe.		Defl A
10774.42 P.C.	—	—	—	0° 00' 00"	0° 00' 00"
11400.43	26.21	23.00	29.38	3° 30' 21"	3° 30' 21"
11426.65	26.22	23.01	29.39	3° 30' 21"	7° 16' 45"
11453.87	26.22	23.01	29.39	3° 30' 21"	10° 56' 16"
11479.88 P.T.	26.21	23.00	29.38	3° 30' 21"	14° 31' 26"

- "BENCHMARKS"
- CITY DISC 45" IN AND 48" H. 1/4 SEC. CORNER, GOLD AT 55TH STREET S.D. ELEV. + 61.36 CITY DATUM
 - 10' CUT IN TOP OF CURB BETWEEN LOTS 12 AND 15 BLOCK 3, ROBINS FARM ADDN. ELEV. + 62.12
 - 10' CUT IN TOP OF CURB SO SIDE DRIVE (1/4 SEC. 5440) LOT 1, BLOCK 3, ROBINS FARM ADDN. ELEV. + 64.35
 - 10' CUT IN TOP OF CURB SO SIDE DRIVE (1/4 SEC. 5483) LOT 10, BLOCK 3, ROBINS FARM ADDN. ELEV. + 62.64

STREET IMPROVEMENTS FOR
ROBBINS FARM 2nd ADDITION
 472-76-245-81401-000-000-001
 (7" A.C. PAVEMENT W/ COMBINED CURB AND GUTTER)
MAYWOOD
 FROM E.L. OF CALIBAR TO W. L. OF MIDLAND

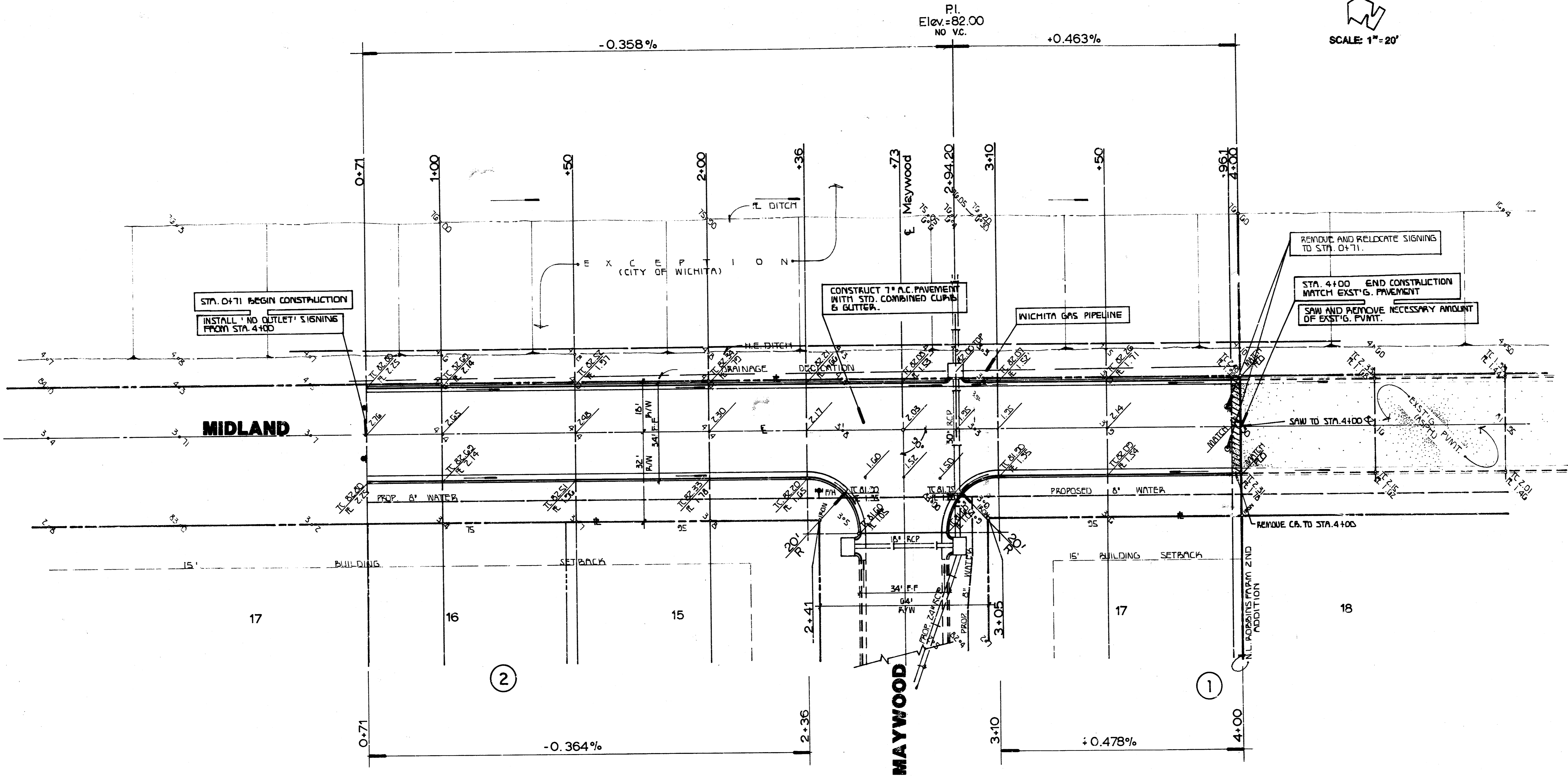
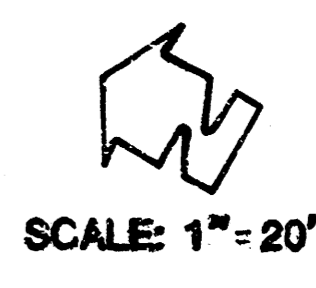
DATE: 7-16

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 SURVEYING & ENGINEERING
 316/262-7271 • 316 E1116 • WICHITA, KANSAS 67211

MAYWOOD STREET
 472-76-245-81401-000-000-001
 ROBINS FARM 2ND ADDN.

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17
 16
 15
 14
 13
 12
 11
 10
 9
 8
 7
 6
 5
 4
 3
 2
 1



INTERSECTION QUANTITIES

—	S.Y.	Concrete Pavement
—	2128.5	7" Asphalt Conc. Pavement (2 1/2" Bituminous Base)
—	1665.5	2 1/2" Bituminous Base
—	228.1	Combined Curb & Gutter
—		L.F. Integral Curb
—		S.F. 4" Wheelchair Ramp
—		S.F. 4" Walk
—		C.Y. Excavation
—		C.Y. Compacted Fill
—		Lbs. Reinforcing Steel
—	241.7	S.Y. Manipulation
—		Tons Lime or Cement
—		S.Y. V.G. Concrete & Asphaltic Concrete Base

BENCHMARKS

CITY DISC 45' N AND 45' N 1/4 SEC. CORNER,
 GOLD AT 55TH STREET SO. ELEV. + 81.36 CITY DATUM

1' CUT IN TOP OF CURBS BETWEEN LOTS 12 AND 15
 BLOCK 3, ROBBINS FARM ADDN. ELEV. + 82.12

1' CUT IN TOP OF CURBS SO. SIDE DRIVE (HSE # 5440)
 LOT 1, BLOCK 3, ROBBINS FARM ADDN. ELEV. + 84.33

1' CUT IN TOP OF CURBS SO. SIDE DRIVE (HSE # 4355)
 LOT 15, BLOCK 3, ROBBINS FARM ADDN. ELEV. + 82.26

STREET IMPROVEMENTS FOR

ROBBINS FARM 2nd ADDITION
 472-76-245-81401-000-001
 (7" A.C. PAVEMENT w/ COMBINED CURB and GUTTER)
MIDLAND
 - FROM S.L. OF LOT 17, BLK. 1 TO N.L. LOT 16, BLK. 2

DATE 7/21/06
 8 OF 16

BAUGHMAN COMPANY, P.A.
 SURVEYING & ENGINEERING
 316 W. 7th St. • 316 E. 11th St. • WICHITA, KANSAS 67211

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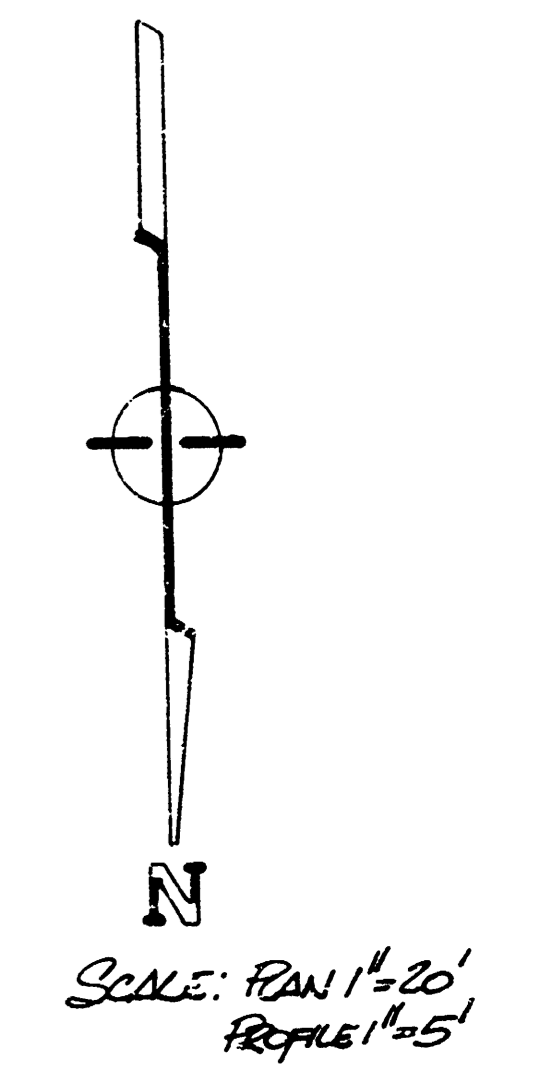
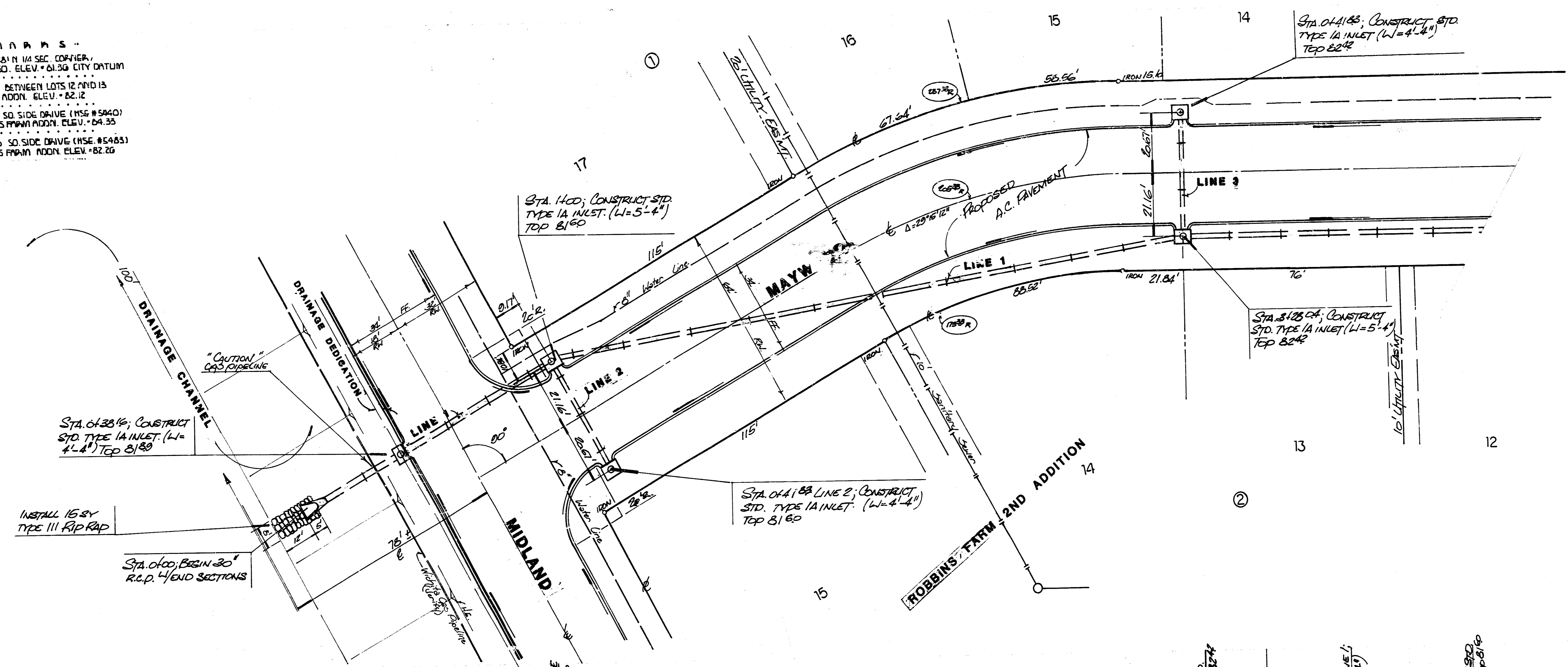
GENERAL NOTES

1. SEE DISC 451 IN AND 451 IN 1/4 SEC. CORNER, 100' N. 5TH STREET SO. ELEV. +61.30 CITY DATUM

2. CUT IN TOP OF CURB BETWEEN LOTS 12 AND 13, BLOCK 3, ROBBINS FARM ADDN. ELEV. +82.72

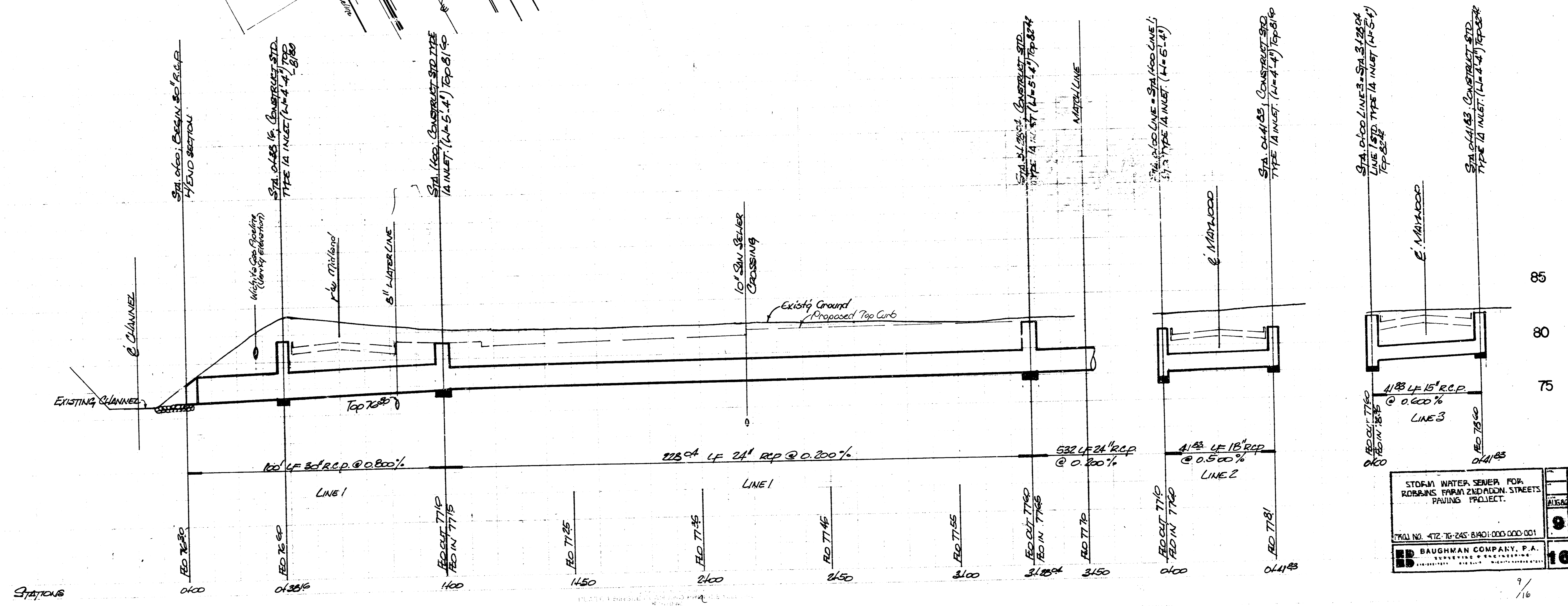
3. CUT IN TOP OF CURB, SO. SIDE DRIVE (HSE #5440) LOT 1, BLOCK 3, ROBBINS FARM ADDN. ELEV. +84.35

4. CUT IN TOP OF CURB, SO. SIDE DRIVE (HSE #5483) LOT 16, BLOCK 3, ROBBINS FARM ADDN. ELEV. +82.72



PLAN 6/14

ELEV 85
80
75



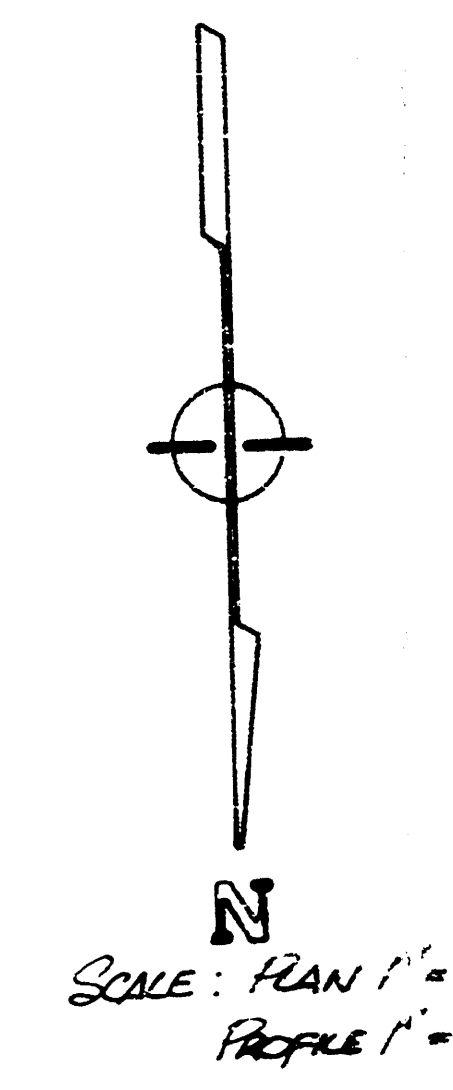
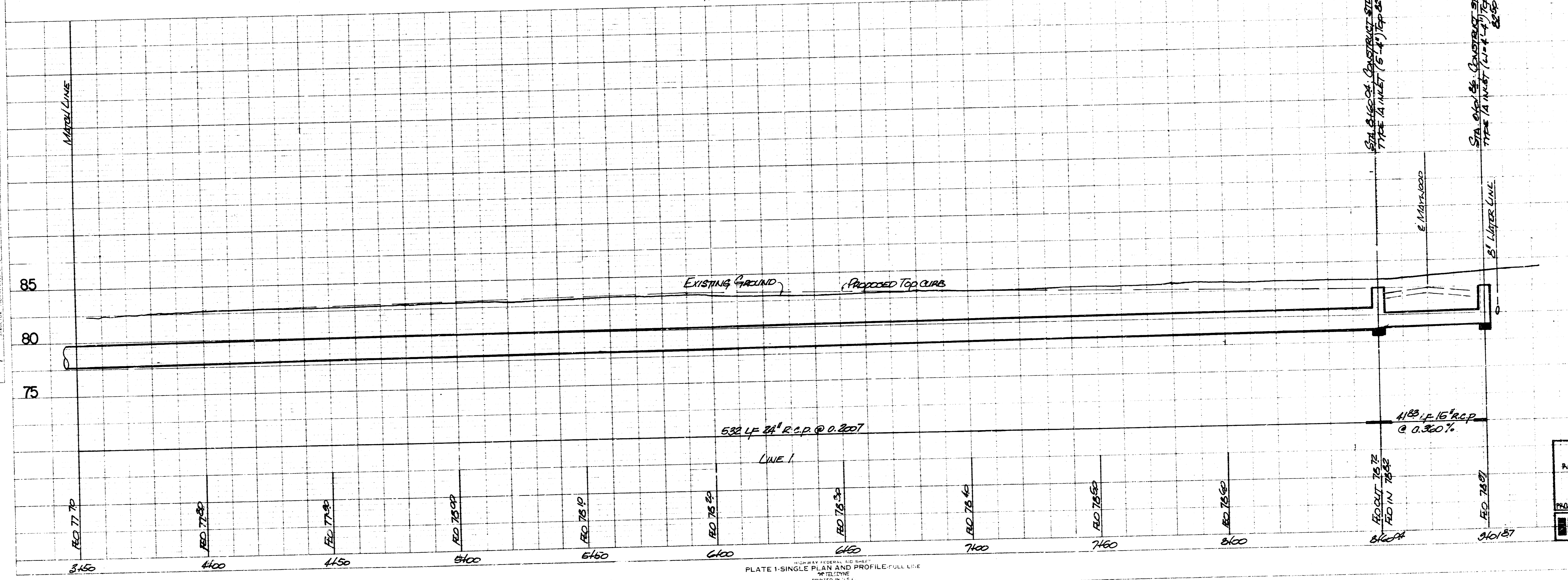
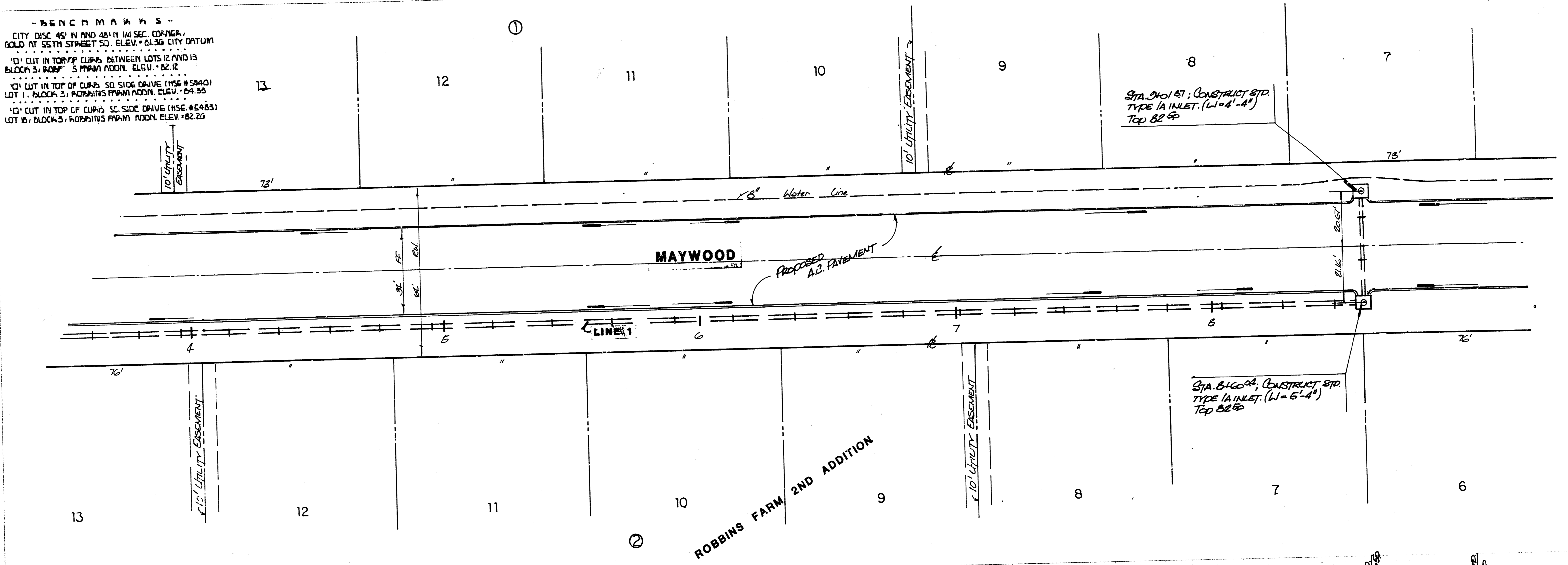
STORM WATER SEWER FOR ROBBINS FARM 2ND ADDN. STREETS PAVING PROJECT.	
TROLL NO. 472-76-245-8401-000-001	1/16
BAUGHMAN COMPANY, P.A.	10

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BENCHMARKS
 CITY DISC 45' IN AND 48' IN 1/4 SEC. CORNER,
 GOLD AT 55TH STREET S.D., ELEV. +81.30 CITY DATUM
 '10' CUT IN TOP OF CURB BETWEEN LOTS 12 AND 13
 BLOCK 3, ROBB'S FARM ADDN. ELEV. +82.12
 '10' CUT IN TOP OF CURB S.D. SIDE DRIVE (HSE #5840)
 LOT 1, BLOCK 3, ROBB'S FARM ADDN. ELEV. +84.35
 '12' CUT IN TOP OF CURB S.D. SIDE DRIVE (HSE #5485)
 LOT 13, BLOCK 3, ROBB'S FARM ADDN. ELEV. +82.20

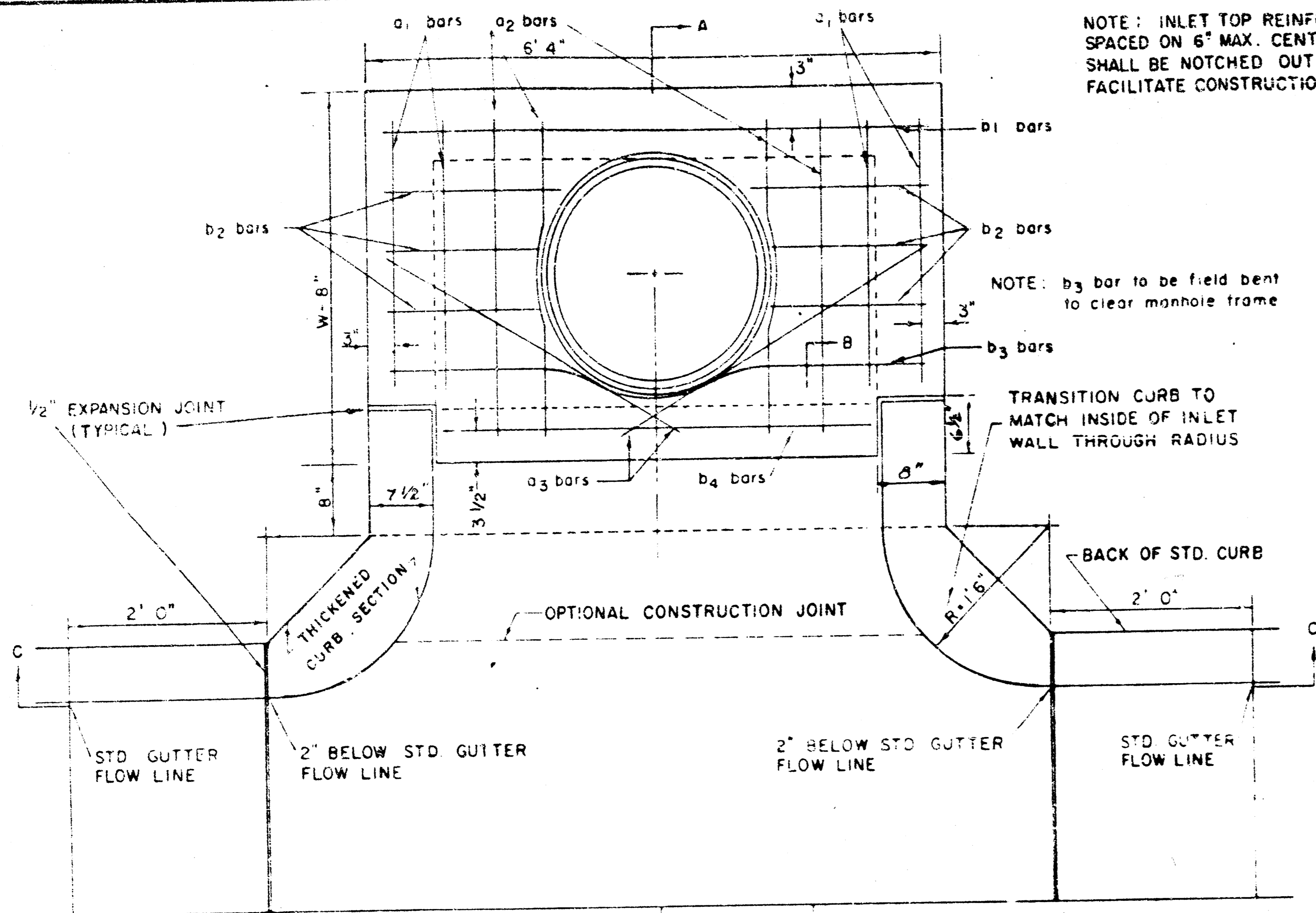
PLAN
 SHEET NO. 1 OF 2
 DATE: 11/12/11
 DRAWN BY: [Signature]
 CHECKED BY: [Signature]

PROFILE
 SHEET NO. 1 OF 2
 DATE: 11/12/11
 DRAWN BY: [Signature]
 CHECKED BY: [Signature]



STORM WATER SEWER FOR
 ROBB'S FARM 2ND ADDN. STAGE
 PRINTING PROJECT
 PLAN NO. 472 76-245 8401-000-00-00
 BAUGHMAN COMPANY, P.
 11111 11111 11111 11111 11111

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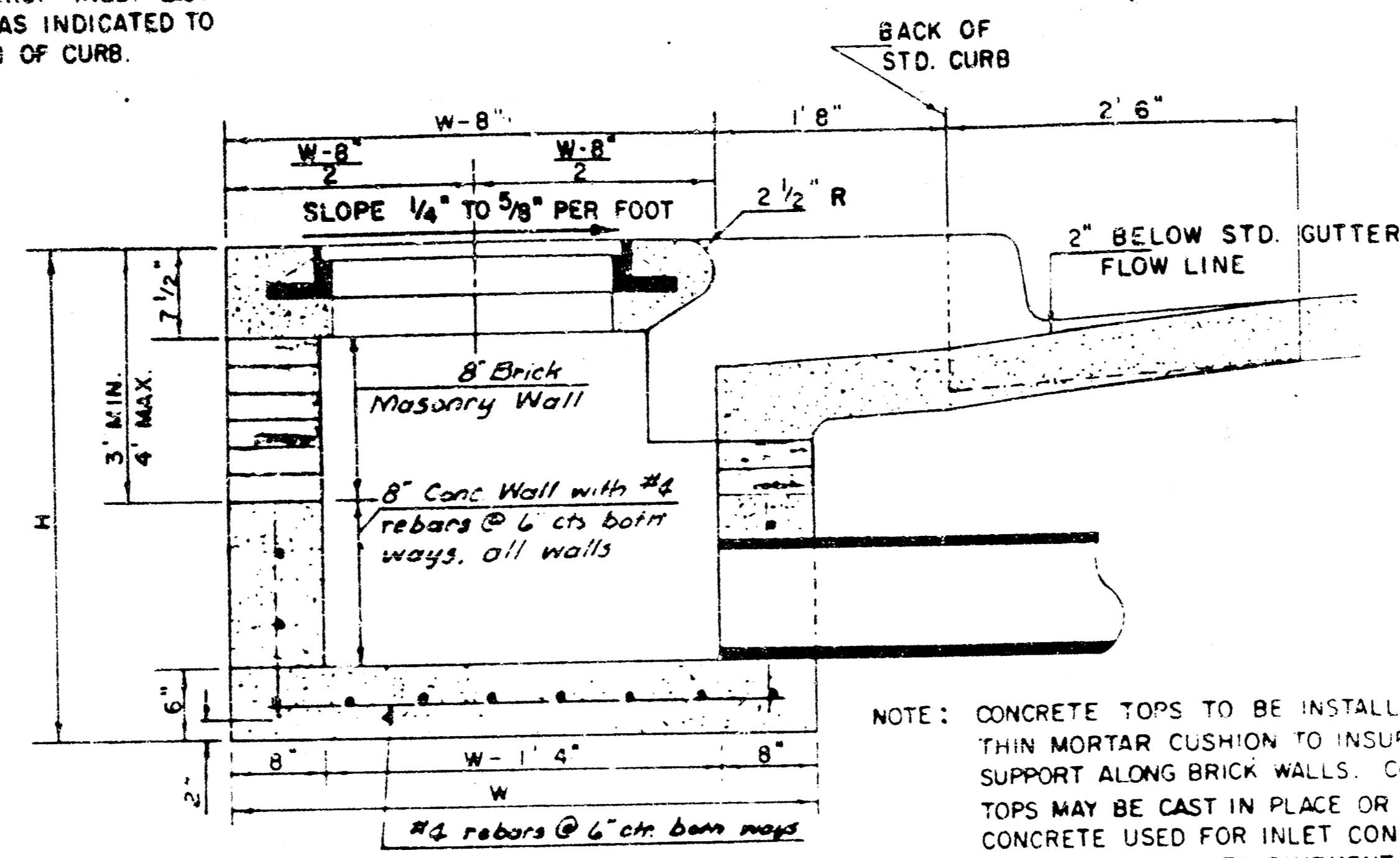
NOTE: EXPANSION JOINT ONLY IN CURB AREA WITH CONC. PAVEMENT.

PLAN

NOTE: INLET TOP REINFORCING SHALL BE SPACED ON 6" MAX. CENTERS. INLET LIDS SHALL BE NOTCHED OUT AS INDICATED TO FACILITATE CONSTRUCTION OF CURB.

NOTE: b3 bar to be field bent to clear manhole frame

TRANSITION CURB TO MATCH INSIDE OF INLET WALL THROUGH RADIUS



SECTION A-A

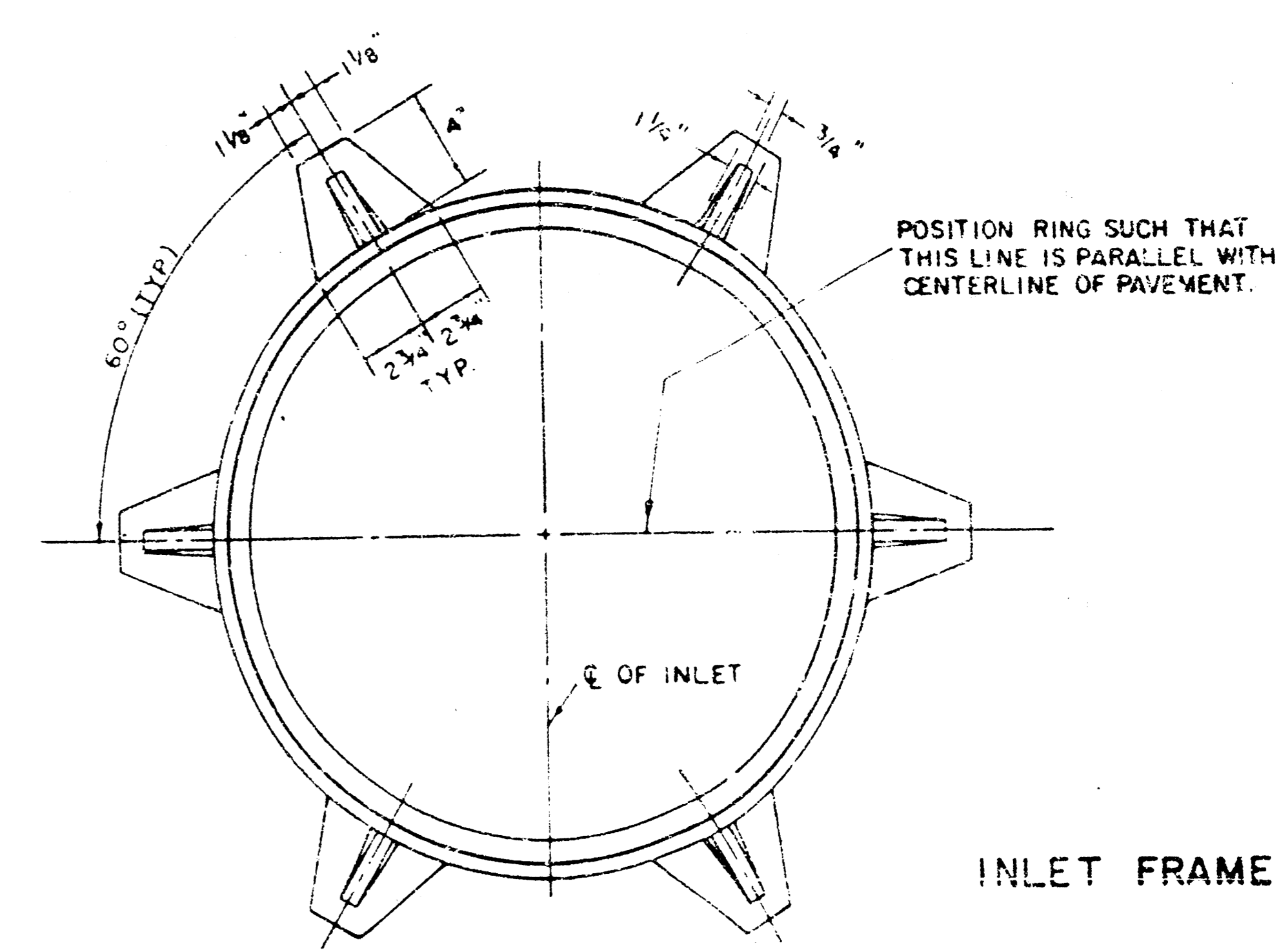
NOTE: CONCRETE TOPS TO BE INSTALLED ON THIN MORTAR CUSHION TO INSURE FULL SUPPORT ALONG BRICK WALLS. CONCRETE TOPS MAY BE CAST IN PLACE OR PRECAST CONCRETE USED FOR INLET CONSTRUCTION SHALL BE CONCRETE PAVEMENT MIX.

NOTE: CONTRACTOR SHALL HAVE THE OPTION OF CONSTRUCTING 8" BRICK MASONRY WALLS BETWEEN THE CONCRETE INLET BASE AND TOP ON THIS INLET WHEN W = 6' 4" AND H = 7' 0" OR LESS.

ADDITIONAL CURB AND GUTTER CONSTRUCTION NECESSARY TO CONNECT SET-BACK INLET TO PAVEMENT WILL BE PAID FOR AT THE UNIT PRICE BID FOR EACH INLET HOOKUP.

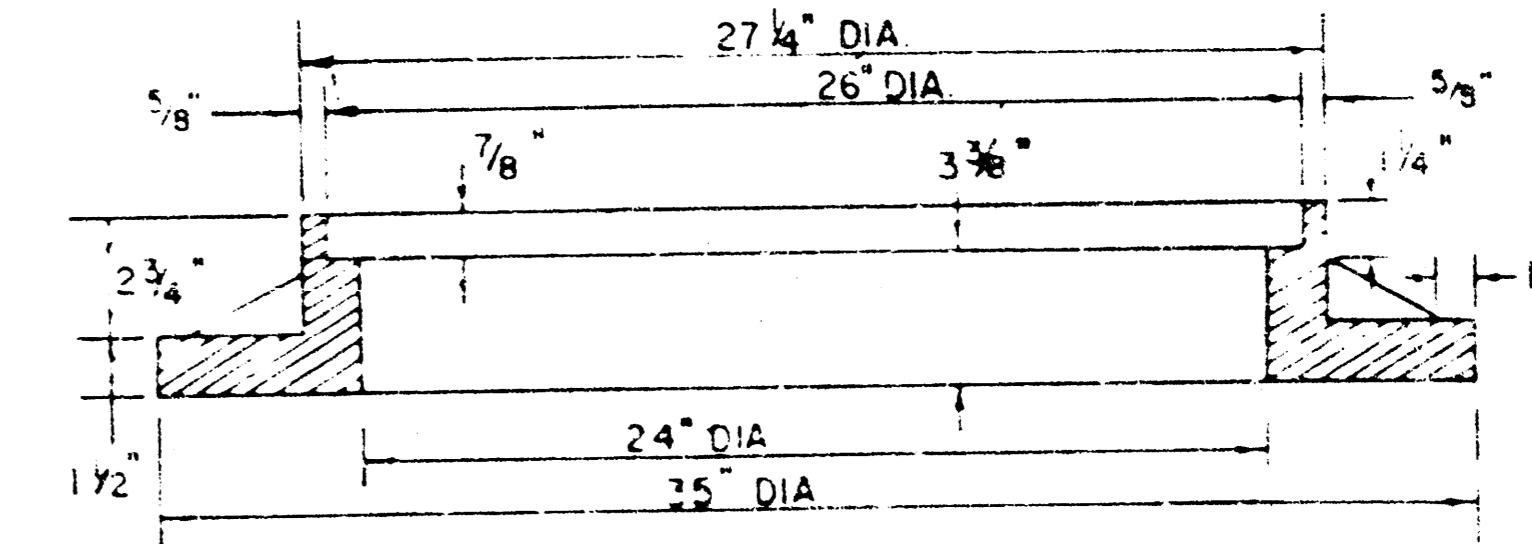
INLET INVERT SHALL BE SHAPED WITH 8 SACK SAND MIX CONCRETE TO CREATE FLOW CHANNELS AND TO INCREASE HYDRAULIC EFFICIENCY SUCH THAT THE INLET WILL BE SELF-CLEANING BETWEEN ALL INLET AND/OR OUTLET PIPES.

THE ENDS OF ALL PIPES INSTALLED IN INLETS SHALL BE CUT OFF FLUSH WITH THE INSIDE FACE OF THE INLET WALL.



INLET FRAME

WEIGHT = 180 LBS.



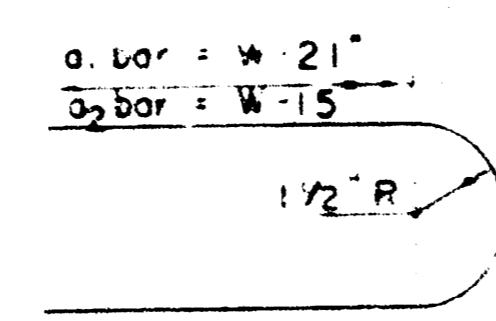
SEE CITY OF WICHITA STANDARD MANHOLE FRAME AND COVER DETAIL SHEET FOR COVER DETAILS TO BE USED WITH INLET FRAME.

STEEL SCHEDULE

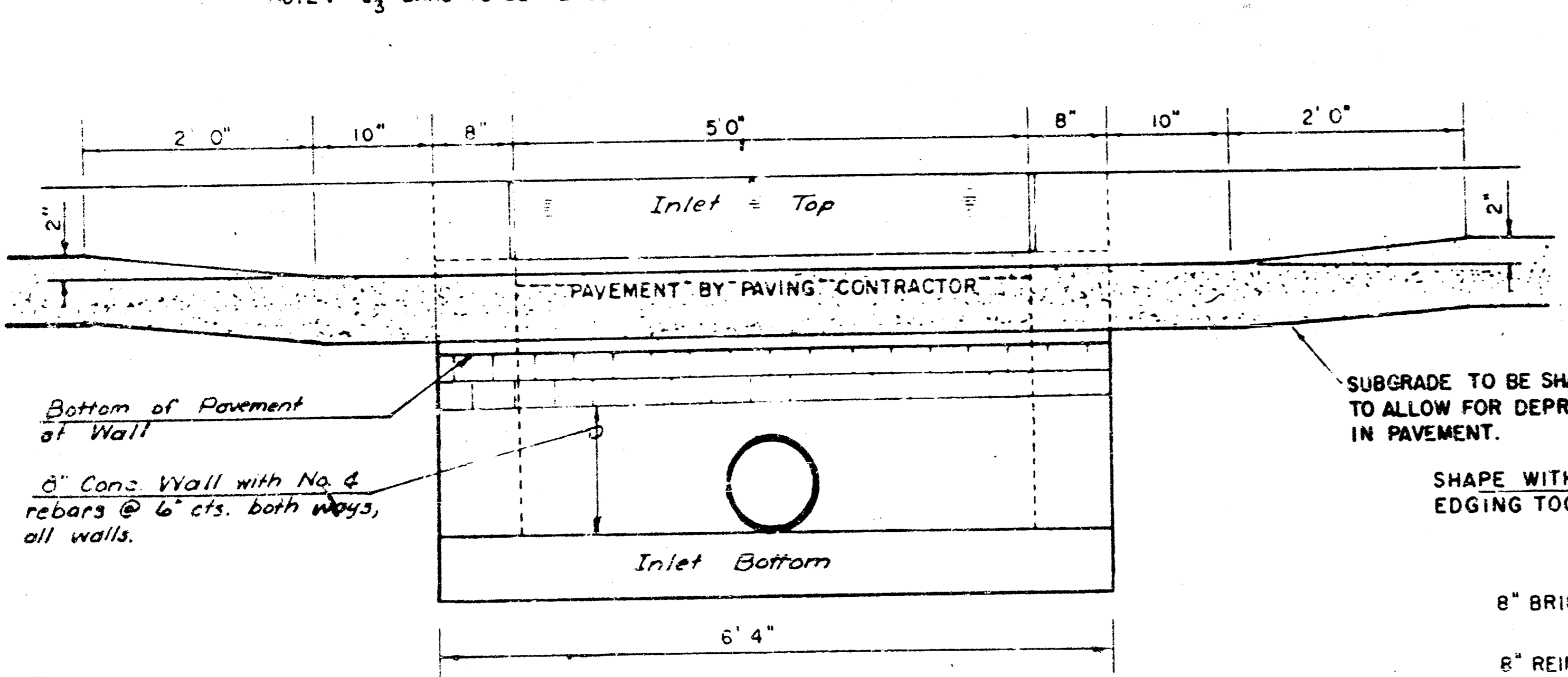
BAR NUMBER	a1	a2	a3	w=4'4"	w=5'4"	w=6'4"	w=7'4"	w=8'4"	b2	b3	b4	WT LBS
SIZE	*4	*4	*4	*4	*4	*4	*4	*4	*4	*4	*6	
W=4'4"	5'7"	6'7"	4'0"	6'1"	-	-	-	-	1'9"	6'2"	4'8"	60±
W=5'4"	7'7"	8'7"	5'0"	6'1"	-	-	-	-	1'9"	6'2"	4'8"	81±
W=6'4"	9'7"	10'7"	6'0"	6'1"	-	-	-	-	1'9"	6'2"	4'8"	101±
W=7'4"	11'7"	12'7"	7'0"	6'1"	-	-	-	-	1'9"	6'2"	4'8"	121±
W=8'4"	13'7"	14'7"	8'0"	6'1"	-	-	-	-	1'9"	6'2"	4'8"	141±

* NOTE: a3 BARS TO BE PLACED APPROX 2" BELOW TOP OF INLET COVER

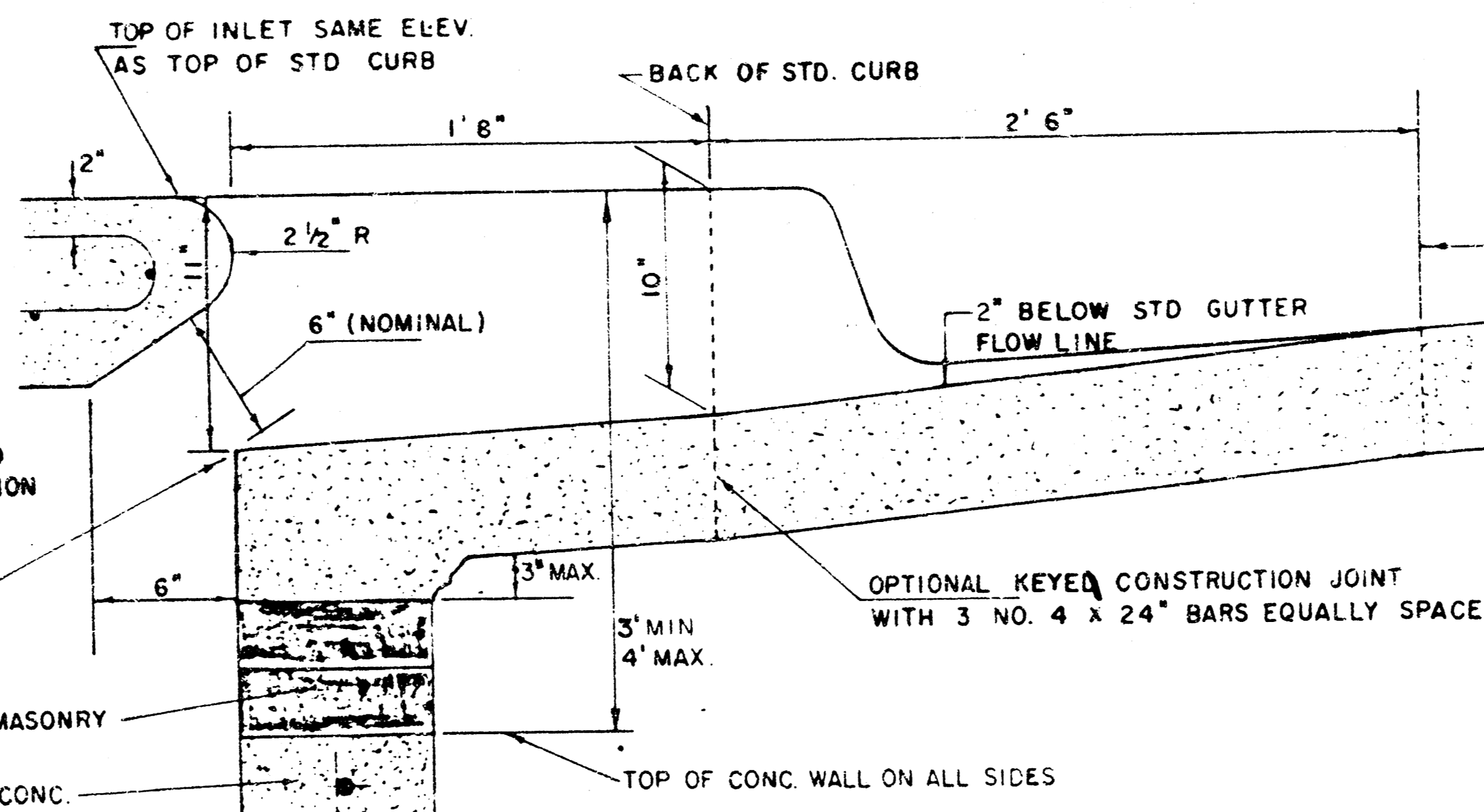
BENDING DIAGRAM



W	PRE-CAST TOP SIZE	PIPE SIZE	CU YD. CONC.
4' 4"	3'8" x 6'4" x 7 1/2"	21" Ø SMALLER	0.38±
5' 4"	4'8" x 6'4" x 7 1/2"	24" Ø 30"	0.51±
6' 4"	5'8" x 6'4" x 7 1/2"	36" Ø 42"	0.64±
7' 4"	6'8" x 6'4" x 7 1/2"	48" Ø 54"	0.77±
8' 4"	7'8" x 6'4" x 7 1/2"	60" Ø 66"	0.90±



SECTION C-C



SECTION B-B

LIMITS OF GUTTER SHAPING AND/OR EDGE OF CURB, CURB AND GUTTER

REVISED 12-21-1984

11 OF 16

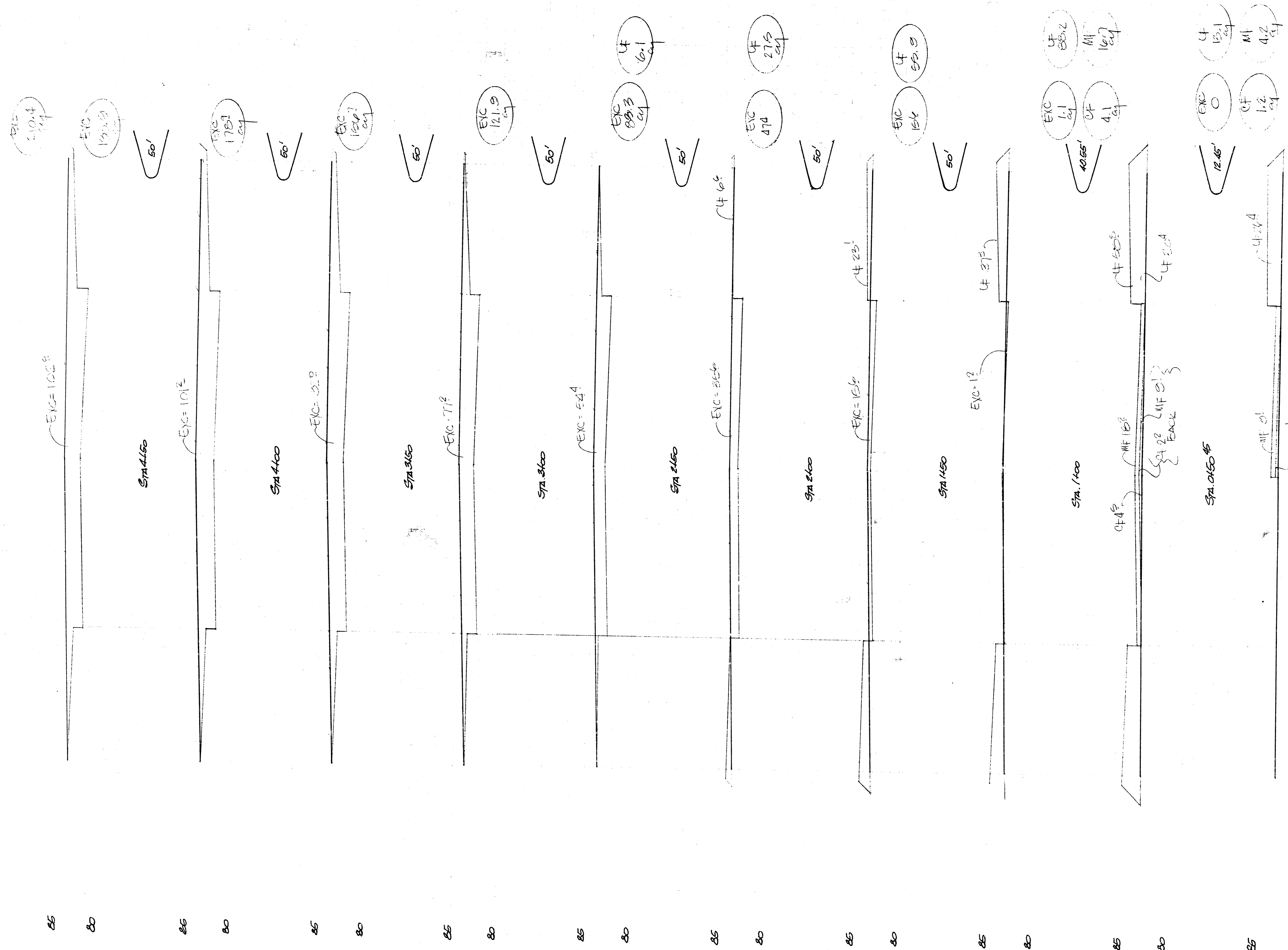
DETAIL STANDARD TYPE IA CURB INLET
CITY OF WICHITA, KANSAS
INLET OPENING = 6" x 5' 0"

JUNE 1984

11/16

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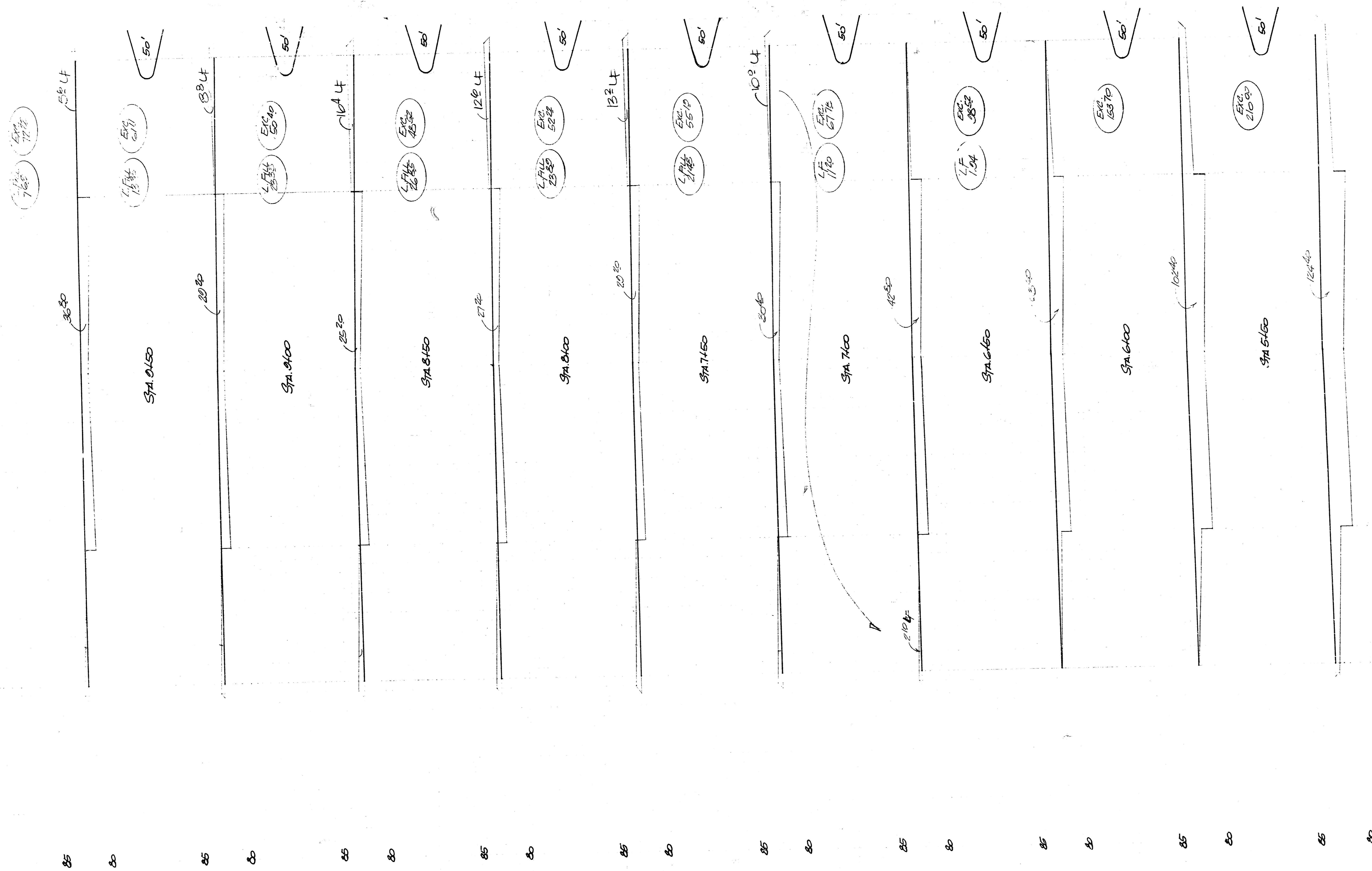
EARTHWORK SECTIONS FOR
ROBBINS FARM 2ND ADDITION



EXCAVATION
 EXC = 1004.2 CY
 CF = 150.0 CY
 MF = 20.9 CY

PROJECT TOTALS
 EXCAVATION 3071.0 C.Y.
 LOOSE FILL 653.6 C.Y.
 COMPACTED FILL 502.8 C.Y.
 MANIPULATED FILL 287.4 C.Y.

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 AVAILABLE COPY.....

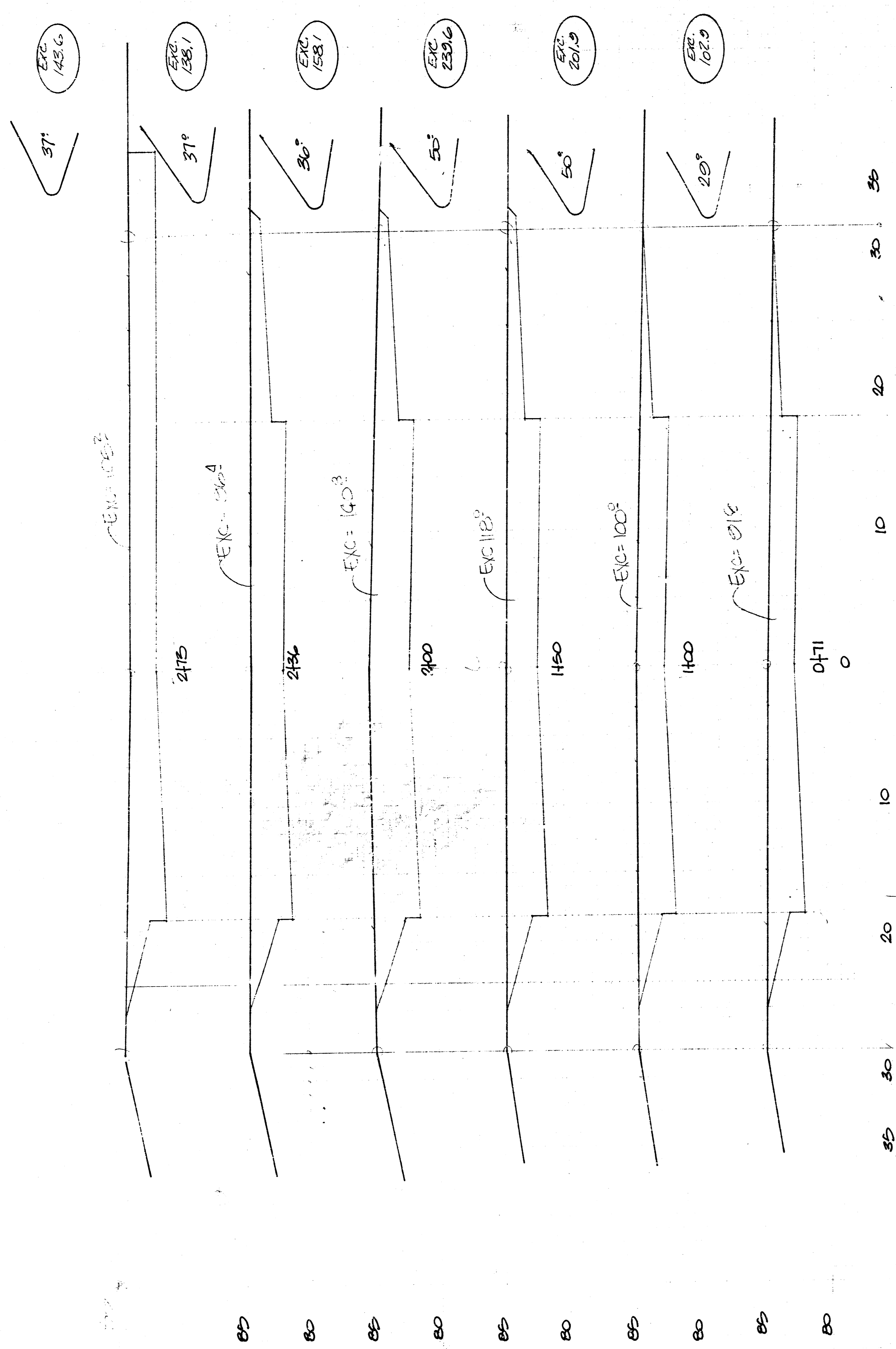


30
 ABSE TOTALS
 Exc 800.5 CY
 LF 1207 CY

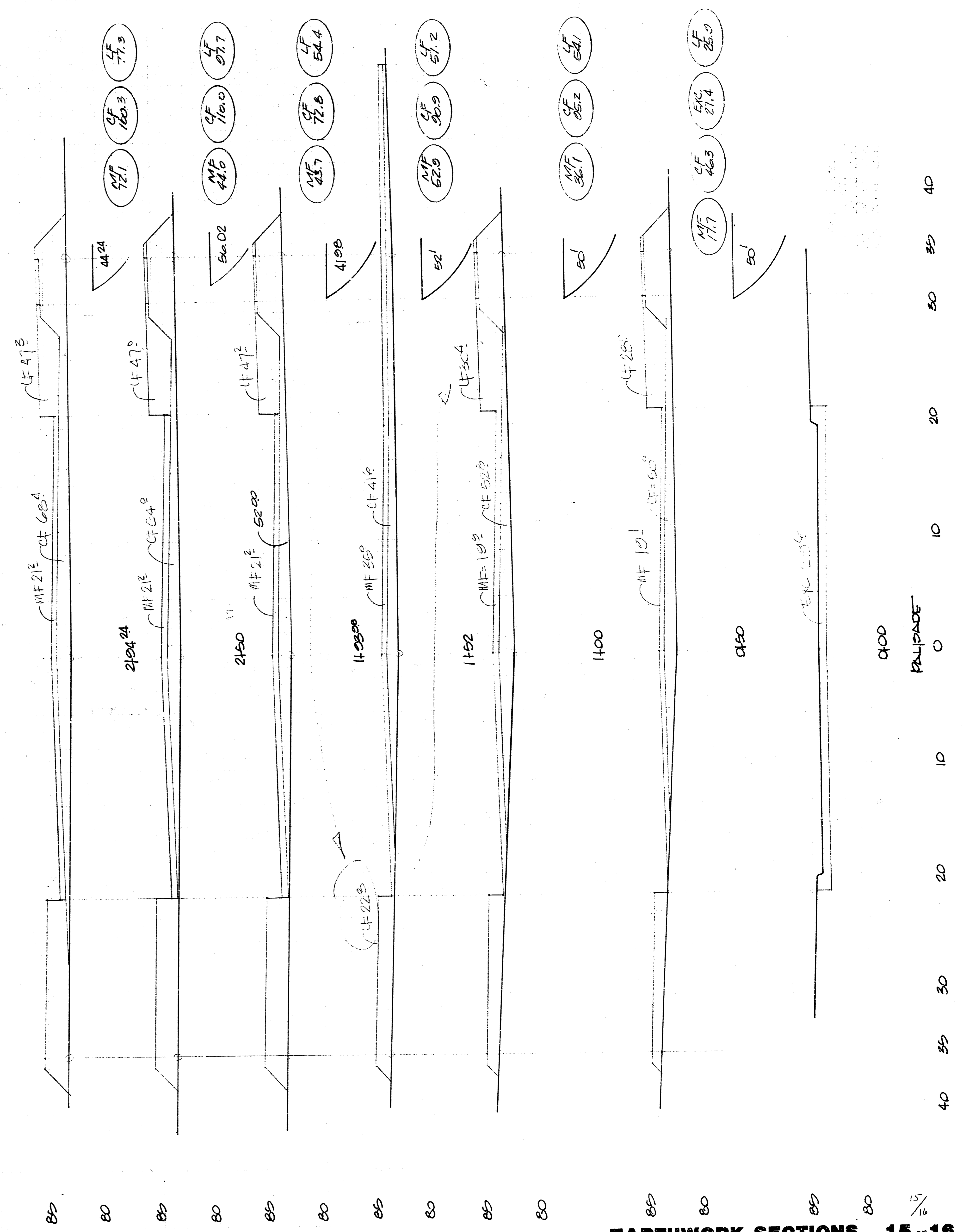
20
 10
 0
 10
 20
 30

MAY 2000

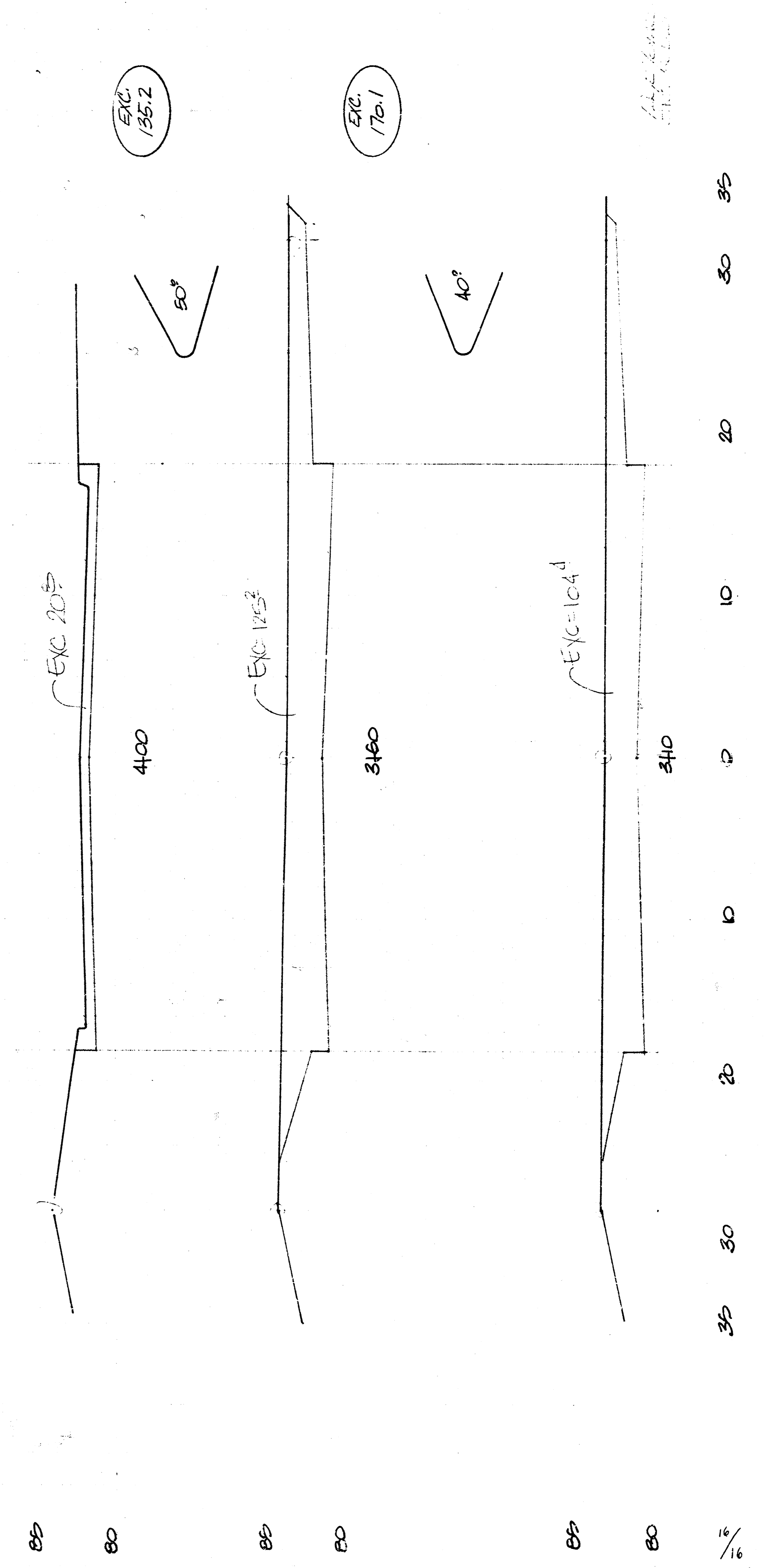
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MIDLAND



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EARTHWORK SECTIONS 10 of 16
 472-76-245-81401-000-000-001

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