STREET IMPROVEMENTS FOR

ROBBINS FARM 2ND ADDITION

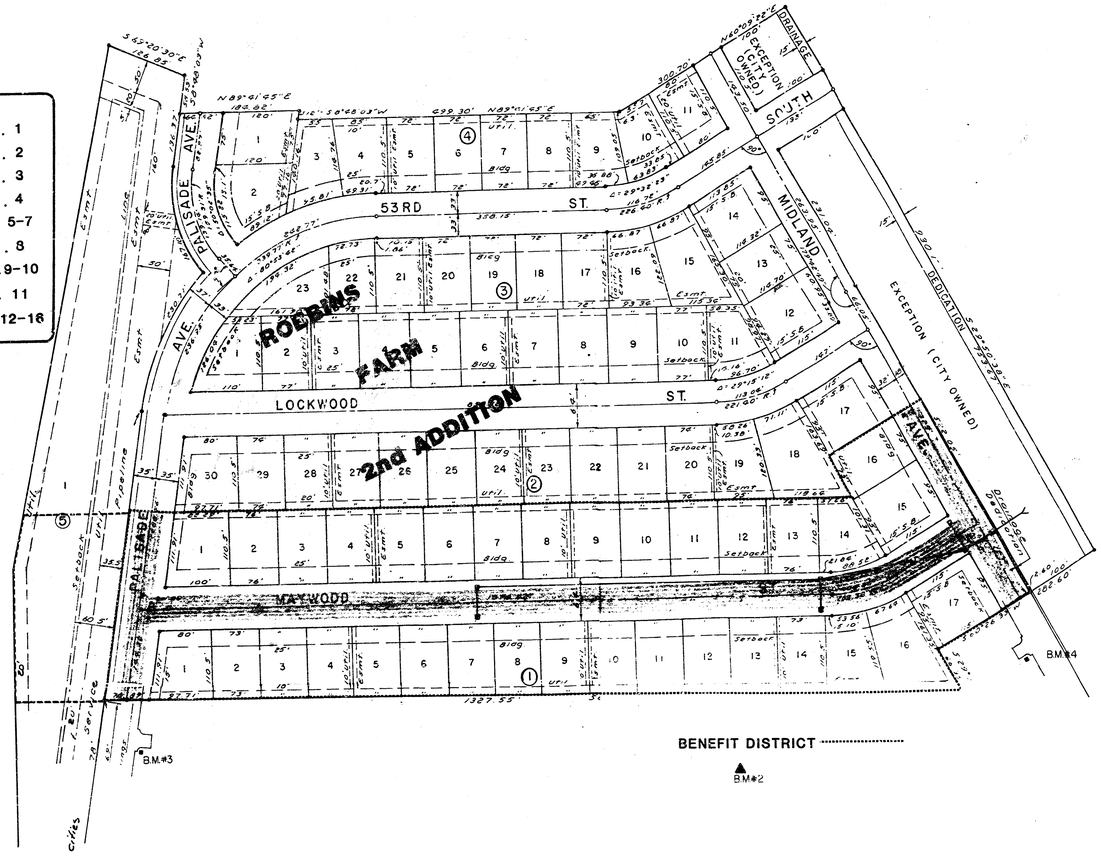
PALISADE -FROM S. L. OF ROBBINS 2ND ADDITION TO N.L. OF LOT 1, BLK. 2
MAYWOOD - FROM E.L. OF PALISADE TO W. L. OF MIDLAND
MIDLAND - FROM S.L. OF LOT 17 , BLK. 1 TO N.L. LOT 16,BLK. 2

PROJECT NO.

472-76-245-81401-000-000-001

··· INDEX ···

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41' PAVEMENT DETAIL SHEET	2
35' PAVEMENT DETAIL SHEET	3
PALISADE AVE. STREET PLAN	4
MAYWOOD ST. STREET PLAN	5-7
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TYPE 1-A INLET DETAIL	11
EARTHWORK CROSS-SECTIONS	12-16



1" = 100'

NOTE

1. 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.
2. The Contractor shall notify pipeline companies at least 24 hours in advance of any work being performed over and/or adjacent to pipelines.
3. No more than 33 drives 18 feet in width, or equivalent combinations thereof, are to constructed with this project.
4. 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.
5. 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 perissable slopes to match the existing ground surface.
6. 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.
7. 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 verifying each driveway widths and locations. Such forms shall be submitted to the Engineer for his review and approval.
8. All excess excavation from this project is to remain on the construction site. Contact Dale Cooper 684-4651 for location of areas to recieve the excess excavation.

BENCHMARKS

1. CITY DISC 45' N AND 48' N 1/4 SEC. CORNER, GOLD AT 55TH STREET SO. ELEV.=81.56 CITY DATUM
2. 'D' CUT IN TOP OF CURB BETWEEN LOTS 12 AND 13 BLOCK 3, ROBBINS FARM ADDN. ELEV.=82.12
3. 'D' CUT IN TOP OF CURB SO SIDE DRIVE (HSE #4450) LOT 1, BLOCK 3, ROBBINS FARM ADDN. ELEV.=84.35
4. 'D' CUT IN TOP OF CURB SO SIDE DRIVE (HSE #4983) LOT 16, BLOCK 3, ROBBINS FARM ADDN. ELEV.=82.26

CITY OF WICHITA, KANSAS

MICHAEL E. LINDEBAK — CITY ENGINEER

J. BRENT WYCOFF — LICENSED — 8457 — KANSAS — PROFESSIONAL ENGINEER

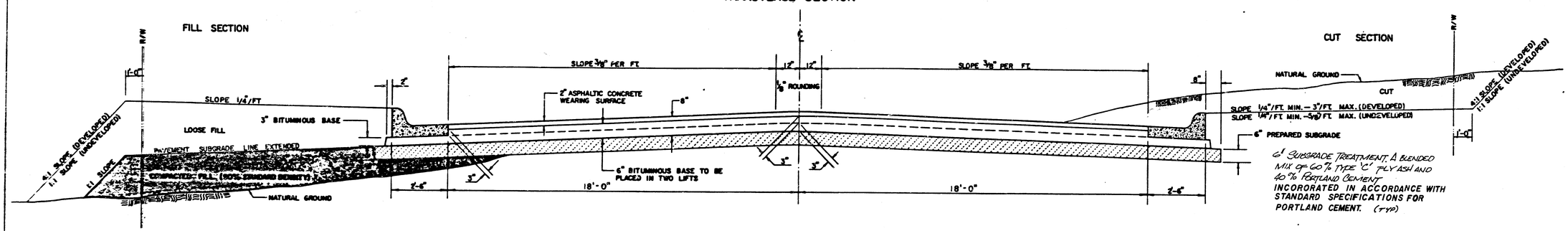
AUGUST, 1986

BAUGHMAN COMPANY, P.A.
SURVEYING & ENGINEERING
316/262-7271 • 315 Ellis • WICHITA, KANSAS 67211

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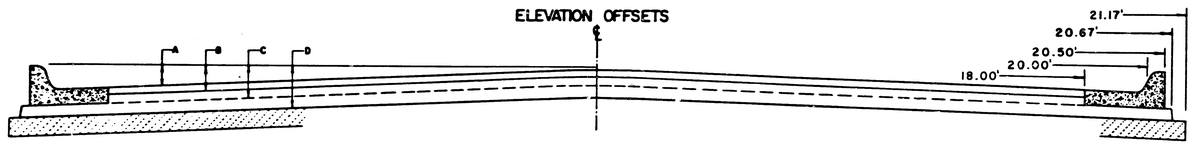
TYPICAL 41' PAVEMENT DETAILS

TRANSVERSE SECTION



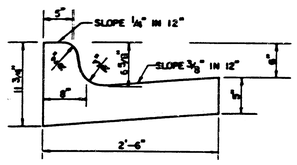
6" SUBGRADE TREATMENT: A BLENDED MIX OF 60% TYPE 'C' FLY ASH AND 40% PORTLAND CEMENT INCORORATED IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR PORTLAND CEMENT. (TYP)

ELEVATION OFFSETS

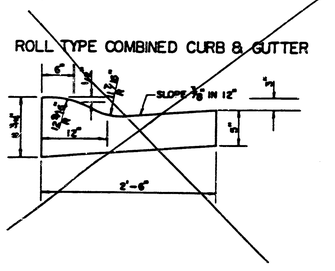


DISTANCE FROM CENTERLINE (LT. & RT.)	0	2	4	6	8	10	12	14	16	18	20	20.5	20.67	21.17
A: TOP OF CURBS TO TOP OF SURFACE LIFT	-.05	-.01	.05	.11	.18	.24	.30	.36	.43	.49	—	—	—	—
B: TOP OF CURBS TO TOP OF UPPER BASE LIFT	.11	.16	.22	.28	.34	.40	.47	.53	.59	.65	—	—	—	—
C: TOP OF CURBS TO TOP OF LOWER BASE LIFT	.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

COMBINED CURB & GUTTER



ROLL TYPE COMBINED CURB & GUTTER



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.

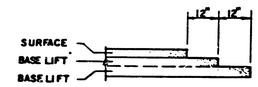
3) A TACK COAT OF EMULSIFIED ASPHALT (SC-1H OR CSS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.05 GALLONS PER SQUARE YARD BETWEEN EACH LIFT OF ASPHALTIC MATERIAL.

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



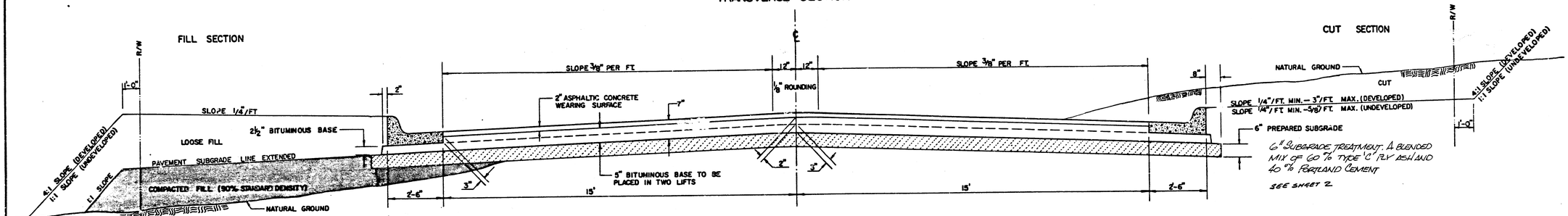
TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT JOINS EXISTING FLEXIBLE BASE PAVEMENT AS SHOWN BY THE DETAIL. ALL COSTS ASSOCIATED WITH THE CONSTRUCTION OF THE TRANSVERSE JOINT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS 8" ASPHALTIC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

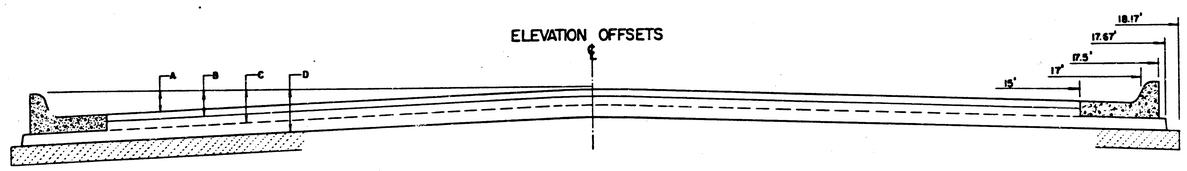
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TYPICAL 35' PAVEMENT DETAILS

TRANSVERSE SECTION

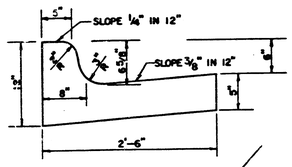


ELEVATION OFFSETS

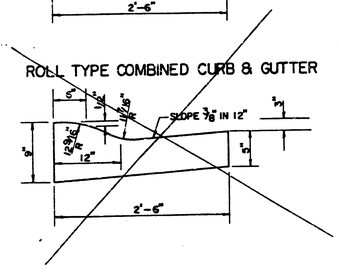


	DISTANCE FROM CENTERLINE (LT. & RT.)												
	0'	2'	4'	6'	8.5'	10'	12'	14'	15'	17'	17.5'	17.67'	18.17'
A: TOP OF CURBS TO TOP OF SURFACE LIFT	0.04	0.08	0.14	0.21	0.29	0.33	0.39	0.46	0.49	—	—	—	—
B: TOP OF CURBS TO TOP OF UPPER BASE LIFT	0.21	0.25	0.31	0.37	0.45	0.50	0.56	0.62	0.65	—	—	—	—
C: TOP 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

COMBINED CURB & GUTTER



ROLL TYPE COMBINED CURB & GUTTER



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.

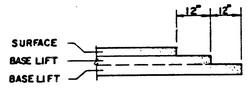
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4) BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC CONTROLS FOR LINE AND GRADE.

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.

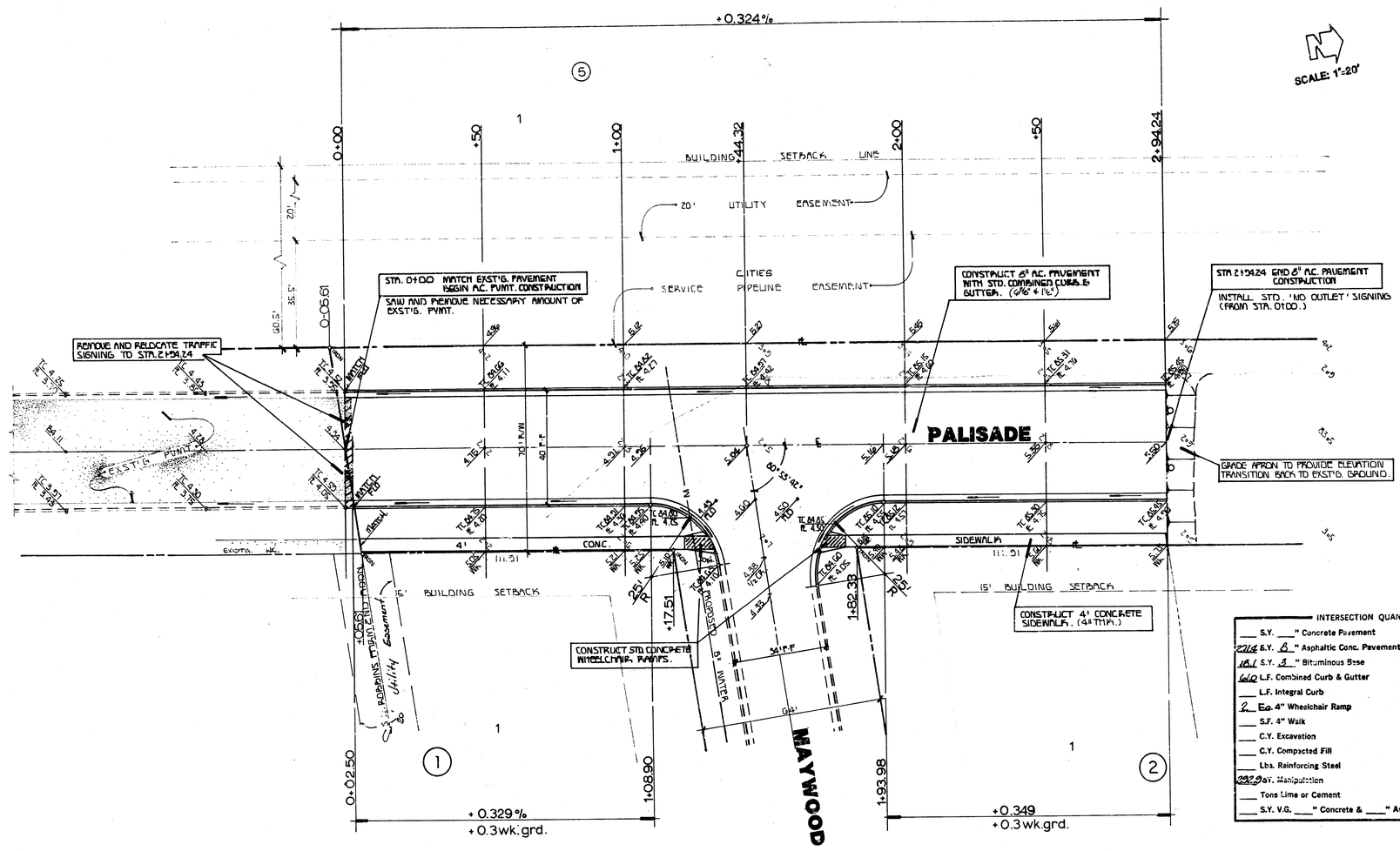
TRANSVERSE CONSTRUCTION JOINTS



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 3/16
PROJECT NUMBER
472-76-245-81401-000-000-001

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INTERSECTION QUANTITIES

- ___ S.Y. ___" Concrete Pavement
- 2216 S.Y. 8 " Asphaltic Conc. Pavement (6 " Bituminous Base)
- 184 S.Y. 3 " Bituminous Base
- 640 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
- 282.9 S.Y. Manipulation
- ___ Tons Lime or Cement
- ___ S.Y. V.G. ___" Concrete & ___" Asphaltic Concrete Base

"BENCHMARKS"

CITY DISC 45' N AND 48'+ W 1/4 SEC. CORNER, GOLD AT 55TH STREET SO. ELEV. = 81.36 CITY DATUM

"D" CUT IN TOP OF CURB BETWEEN LOTS 12 AND 13 BLOCK 3, ROBBINS FARM ADDN. ELEV. = 82.12

"D" CUT IN TOP OF CURB SO. SIDE DRIVE (HSE. #5940) LOT 1, BLOCK 3, ROBBINS FARM ADDN. ELEV. = 84.35

"D" CUT IN TOP OF CURB SO. SIDE DRIVE (HSE. #5953) LOT 15, BLOCK 3, ROBBINS FARM ADDN. ELEV. = 82.26

LEGEND

- ——W—— PROPOSED WATER LINE
- ——S—— EX.ST'G. SAN. SEWER
- PROPOSED STORM SEWER

EARTHWORK QUANTITIES

EXCAVATION =	3971.0 C.Y.	COMPACTED FILL =	520.8 C.Y.
+ 10 % =	397.1 C.Y.	+ 10 % =	52.1 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
(6" A.C. PAVEMENT w/ COMBINED CURB and GUTTER)

PALISADE
-FROM E. OF ROBBINS 2nd ADDITION TO W. LN OF LOT 1, BLK. 2

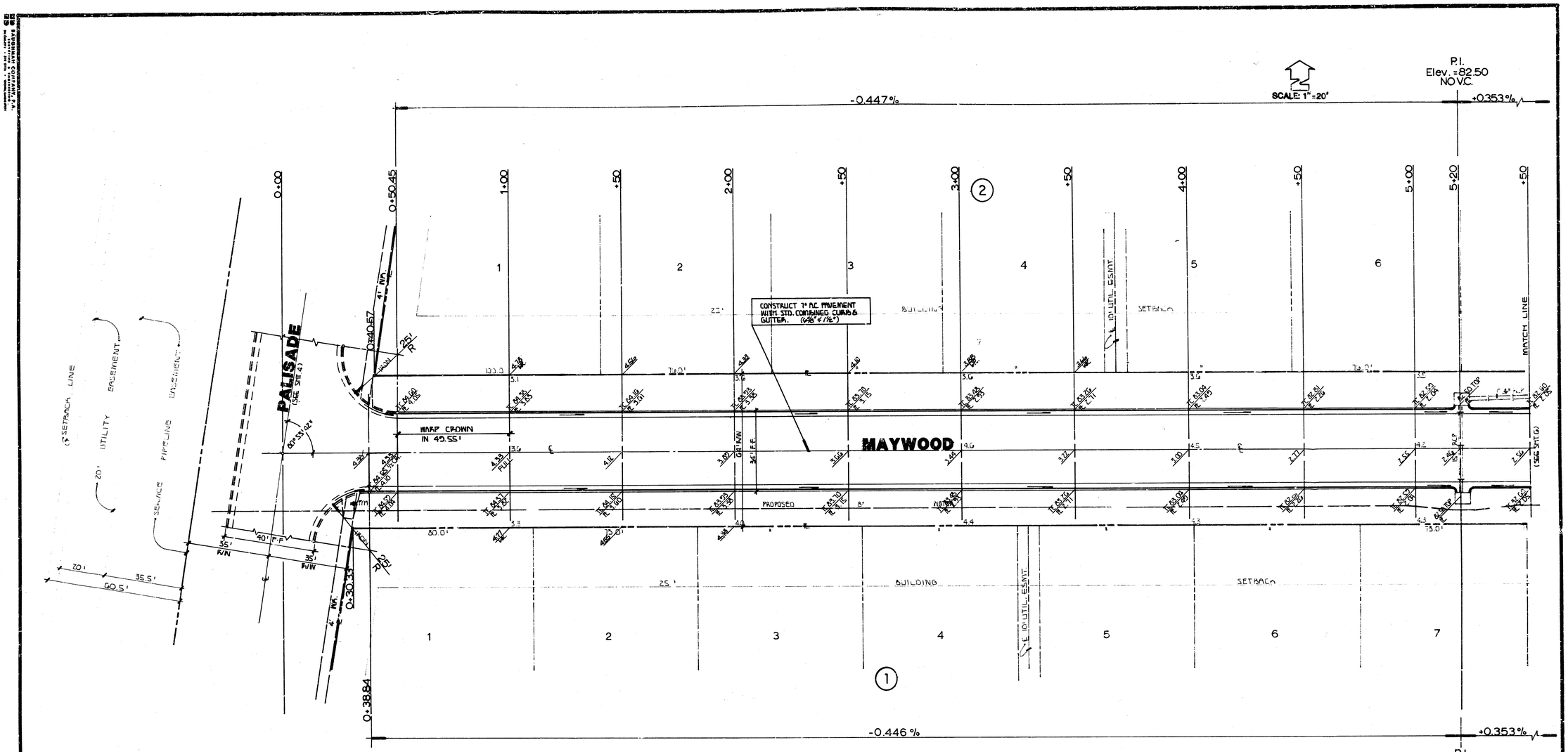
4/16

DES. SEAL, JR. | CKD. WOGAN | DATE 22 AUG 86 | SHEET 4 of 16

BAUGHMAN COMPANY, P.A.
SURVEYING & ENGINEERING
316/262-7271 • 315 Ellis • WICHITA, KANSAS 67211

PALISADE AVE.
472-76-245-81401-000-000-001
ROBBINS FARM 2nd ADDN.

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- BENCH MARKS -

CITY DISC 45' N AND 48' N W4 SEC. CORNER, GOLD AT 55TH STREET SO. ELEV. = 81.36 CITY DATUM

'D' CUT IN TOP OF CURB BETWEEN LOTS 12 AND 13 BLOCK 3, ROBBINS FARM ADDN. ELEV. = 82.12

'D' CUT IN TOP OF CURB SO. SIDE DRIVE (HSE # 5940) LOT 1, BLOCK 3, ROBBINS FARM ADDN. ELEV. = 84.33

'D' CUT IN TOP OF CURB SO. SIDE DRIVE (HSE. #5983) LOT 16, BLOCK 3, ROBBINS FARM ADDN. ELEV. = 82.26

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 PALISADE TO W. L. OF MIDLAND

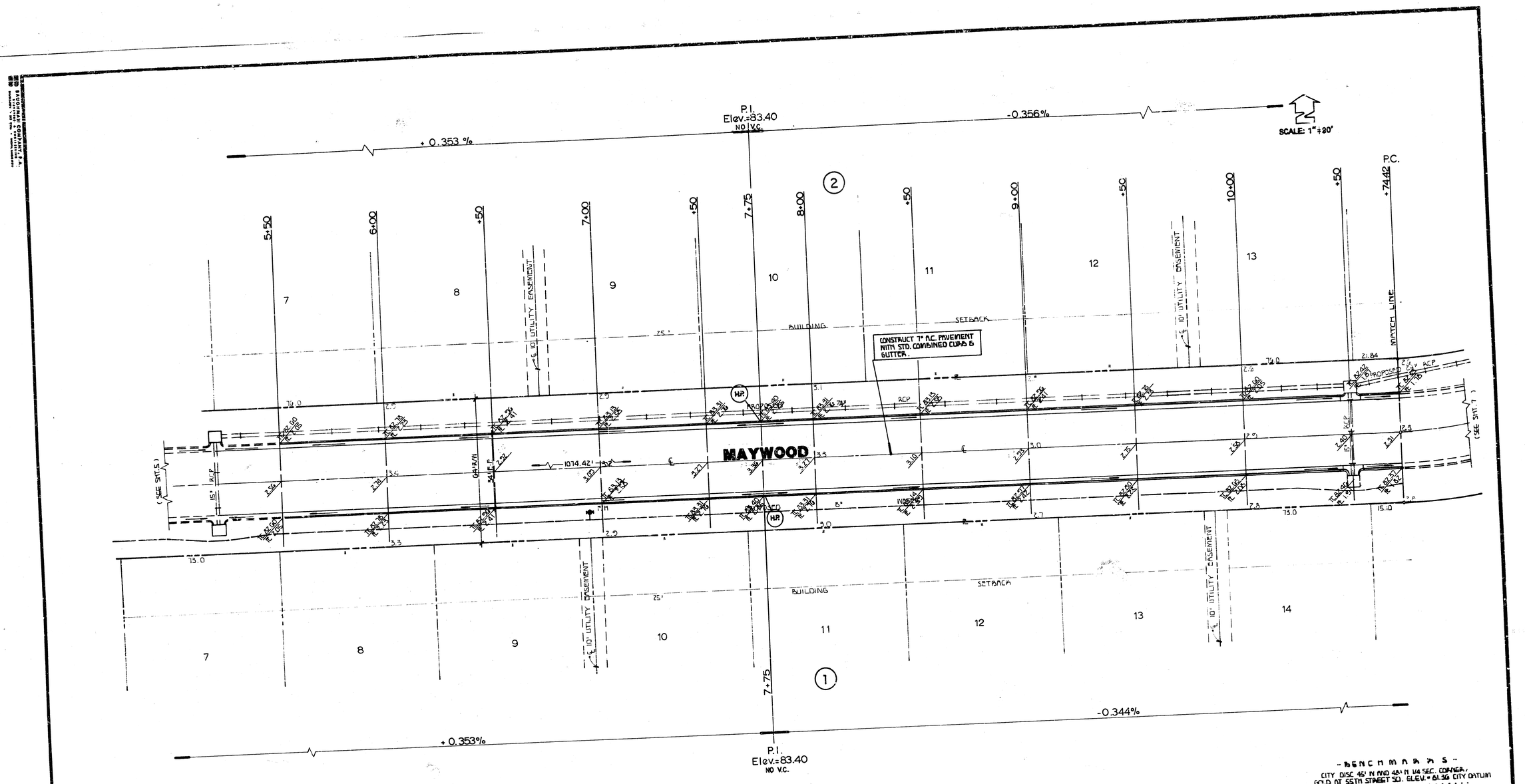
5/16

DWN. TFL/JPS CHK. MOORE DATE 22 AUG 80 SHEET 5.16

BAUGHMAN COMPANY, P.A.
SURVEYING & ENGINEERING
316/262-7271 • 310 Ellis • WICHITA, KANSAS 67211

MAYWOOD STREET
472-76-245-81401-000-000-001
ROBBINS FARM 2nd ADDN.

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"BENCHMARKS"

CITY DISC 45' N AND 48.1' W OF SEC. CORNER, GOLD AT 55TH STREET SO. ELEV. = 61.36 CITY DATUM

'D' CUT IN TOP OF CURB BETWEEN LOTS 12 AND 13 BLOCK 3, ROBBINS FARM ADDN. ELEV. = 82.12

'D' CUT IN TOP OF CURB SO. SIDE DRIVE (HSE #5940) LOT 1, BLOCK 3, ROBBINS FARM ADDN. ELEV. = 84.35

'D' CUT IN TOP OF CURB SO. SIDE DRIVE (HSE #5983) LOT 16, BLOCK 3, ROBBINS FARM ADDN. ELEV. = 82.26

STREET IMPROVEMENTS FOR

ROBBINS FARM 2nd ADDITION

472-78-245-81401-000-000-001

(7" A.C. PAVEMENT w/ COMBINED CURB and GUTTER)

MAYWOOD

- FROM E.L. OF SALISBURY TO W. L. OF MIDLAND

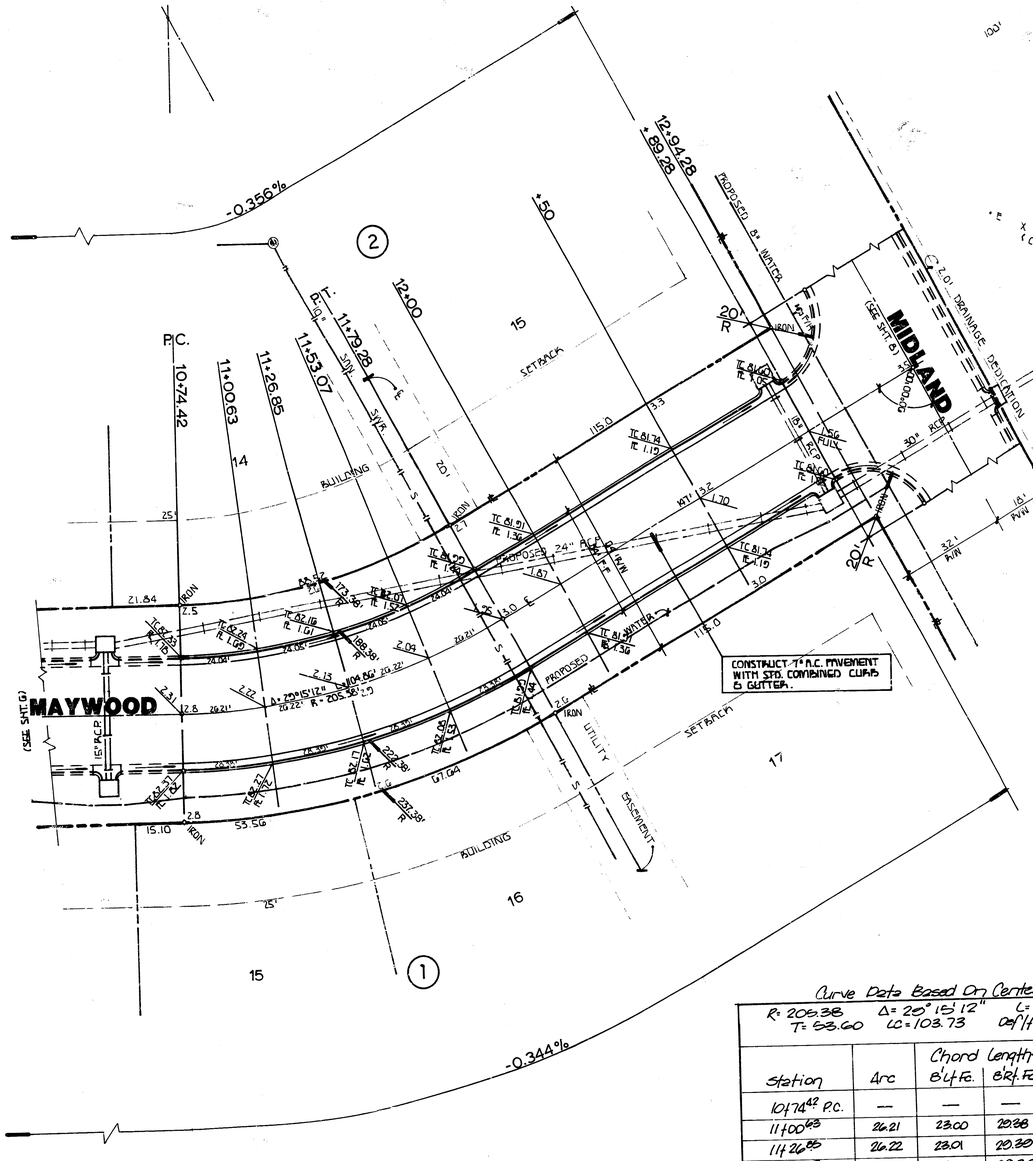
6/16

Sht. No. 8 | Date Revised | Date 12/13/96 | Sheet 8 of 16

BAUGHMAN COMPANY, P.A.
SURVEYING & ENGINEERING
316/262-7271 • 315 Ellis • WICHITA, KANSAS 67211

MAYWOOD STREET
472-78-245-81401-000-000-001
ROBBINS FARM 2nd ADDN.

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Curve Data Based On Center Line

R= 205.38 Δ= 20°15'12" L= 104.66
T= 53.00 LC= 103.73 Deg/14= 0.139488°

Station	Arc	Chord Lengths 8'14 Fe.	Chord Lengths 8'&1 Fe.	Deg/4	Total Deg/4
10174.42 P.C.	—	—	—	0°00'00"	0°00'00"
11+00.63	26.21	23.00	29.38	3°30'21"	3°30'21"
11+26.85	26.22	23.01	29.30	3°30'21"	7°16'48"
11+53.07	26.22	23.01	29.30	3°30'27"	10°58'15"
11+79.28 P.T.	26.21	23.00	29.38	3°30'21"	14°37'36"

BENCHMARKS

CITY DISC 45' N AND 48' N 1/4 SEC. CORNER, GOLD AT 55TH STREET SO. ELEV. = 61.36 CITY DATUM

'D' CUT IN TOP OF CURB BETWEEN LOTS 12 AND 13 BLOCK 3, ROBBINS FARM ADDN. ELEV. = 62.12

'D' CUT IN TOP OF CURB SO. SIDE DRIVE (HSE # 5960) LOT 1, BLOCK 3, ROBBINS FARM ADDN. ELEV. = 64.35

'D' CUT IN TOP OF CURB SO. SIDE DRIVE (HSE. #5985) LOT 16, BLOCK 3, ROBBINS FARM ADDN. ELEV. = 62.66

STREET IMPROVEMENTS FOR

ROBBINS FARM 2nd ADDITION
472-76-245-81401-000-000-001
(7" A.C. PAVEMENT w/ COMBINED CURB and GUTTER)

MAYWOOD

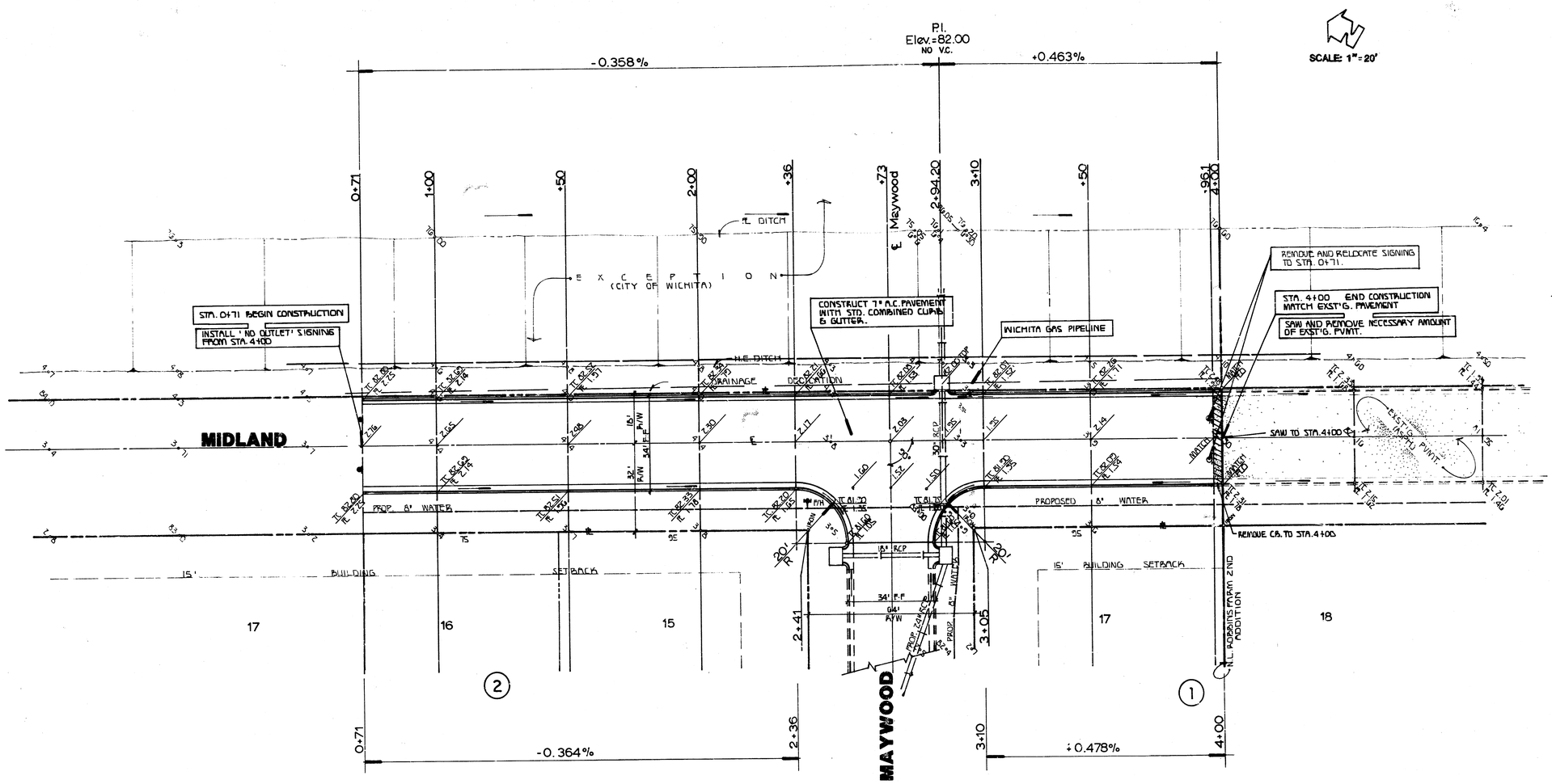
FROM E.L. OF PALISADE TO W. L. OF MIDLAND 7/16

DESN. SCHL. JR. | CKD. WILCKEN | DATE 22 AUG 86 | SHEET 7 OF 16

BAUGHMAN COMPANY, P.A.
SURVEYING & ENGINEERING
316/262-7271 • 315 Ellis • WICHITA, KANSAS 67211

MAYWOOD STREET
472-76-245-81401-000-000-001
ROBBINS FARM 2nd ADDN.

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INTERSECTION QUANTITIES

___	S.Y. ____" Concrete Pavement
2108	S.Y. 7 " Asphaltic Conc. Pavement (2½" Bituminous Base)
1686	S.Y. 2½" Bituminous Base
422.8	L.F. 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 48' N W4 SEC. CORNER, GOLD AT 55TH STREET SO. ELEV. = 81.36 CITY DATUM

'D' CUT IN TOP OF CURB BETWEEN LOTS 12 AND 13 BLOCK 3, ROBBINS FARM ADDN. ELEV. = 82.12

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

'D' CUT IN TOP OF CURB, SO. SIDE DRIVE (HSE #5455) LOT 18, BLOCK 3, ROBBINS FARM ADDN. ELEV. = 82.26

STREET IMPROVEMENTS FOR

ROBBINS FARM 2nd ADDITION
472-76-245-81401-000-000-001
(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

8/16

DSN SEAL JR | CKD WOTEN | DATE 2 2 NOV 80 | SHEET 8 OF 16

BAUGHMAN COMPANY, P.A.
SURVEYING & ENGINEERING
316/262-7271 • 315 Ellis • WICHITA, KANSAS 67211

MIDLAND AVE
472-76-245-81401-000-000-001
ROBBINS FARM 2nd ADDN.

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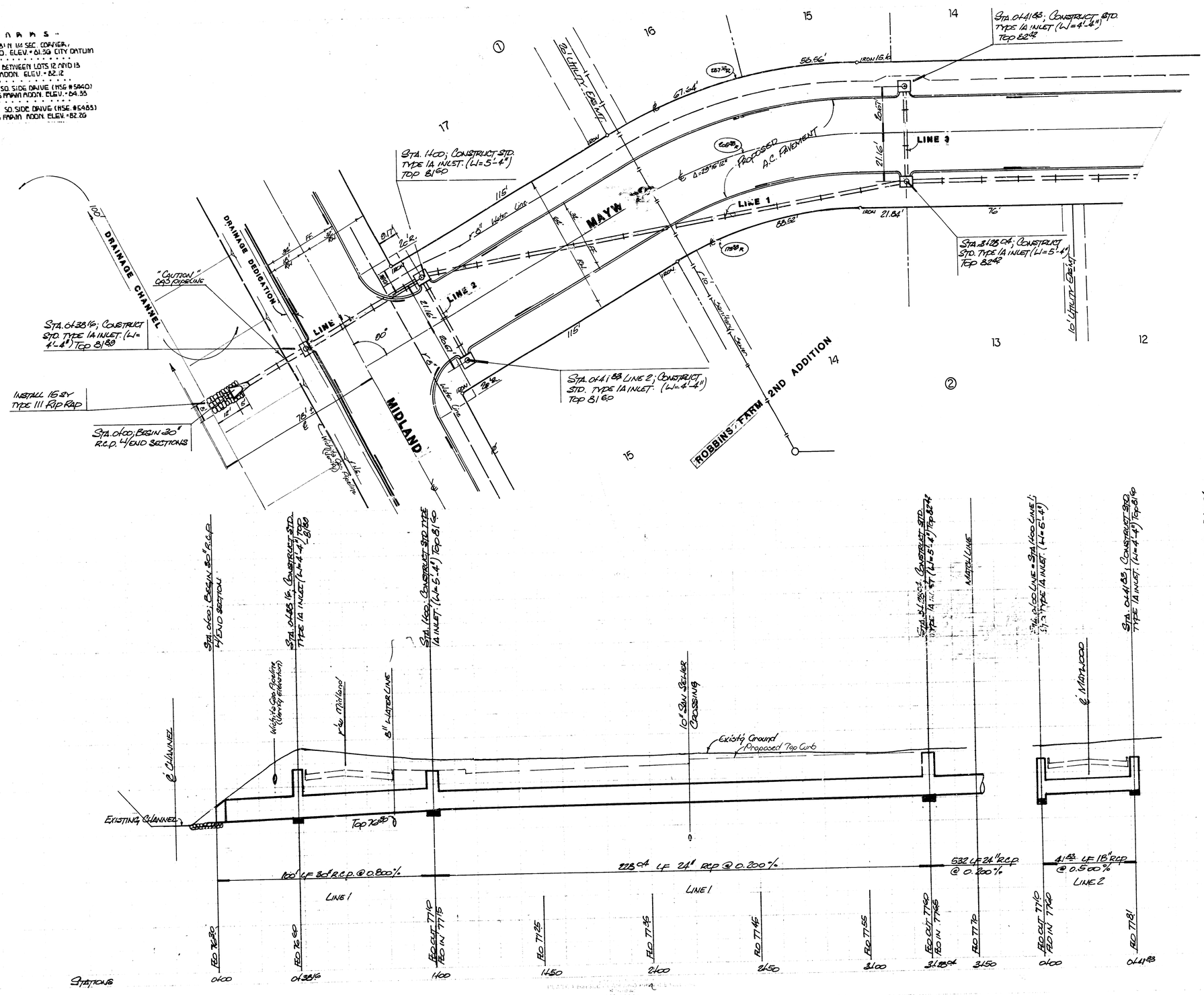
"BENCHMARKS"

CITY DISC 45' N AND 48' N 1/4 SEC. CORNER, SOUTH 16TH STREET SO. ELEV. = 61.36 CITY DATUM

"O" CUT IN TOP OF CURB BETWEEN LOTS 12 AND 13 BLOCK 3, ROBBINS FARM ADDN. ELEV. = 82.12

"O" CUT IN TOP OF CURB SO. SIDE DRIVE (HSE. #5940) LOT 1, BLOCK 3, ROBBINS FARM ADDN. ELEV. = 84.35

"O" CUT IN TOP OF CURB SO. SIDE DRIVE (HSE. #5983) LOT 18, BLOCK 3, ROBBINS FARM ADDN. ELEV. = 82.26



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"BENCHMARKS"

CITY DISC 45' N AND 48' N 1/4 SEC. CORNER, GOLD AT 55TH STREET SO. ELEV. = 81.36 CITY DATUM

'D' CUT IN TOP OF CURB BETWEEN LOTS 12 AND 13 BLOCK 3, ROBBINS FARM ADDN. ELEV. = 82.12

'D' CUT IN TOP OF CURB SO. SIDE DRIVE (HSE #5940) LOT 1, BLOCK 3, ROBBINS FARM ADDN. ELEV. = 84.35

'D' CUT IN TOP OF CURB SO. SIDE DRIVE (HSE #5985) LOT 16, BLOCK 3, ROBBINS FARM ADDN. ELEV. = 82.26

PLAN — SURVEYED / PLOTTED / NOTE BOOK / No.

PROFILE — SURVEYED / PLOTTED / NOTE BOOK / No. 84

① ROBBINS FARM 2ND ADDITION

13 12 11 10 9 8 7

10' UTILITY EASEMENT

73'

8" Water Line

MAYWOOD

PROPOSED A.C. PAVEMENT

FF Rel 36' 66'

LINE 1

4 5 6 7 8

76'

STA. 3+01.87; CONSTRUCT STD. TYPE 1A INLET. (L = 4'-4") Top 82.50

STA. 8+60.04; CONSTRUCT STD. TYPE 1A INLET. (L = 6'-4") Top 82.50

22.67' 21.16'

13 12 11 10 9 8 7 6

② ROBBINS FARM 2ND ADDITION

N

SCALE: PLAN 1" = 2
PROFILE 1" = 5

Match Line

EXISTING GROUND (PROPOSED TOP CURB)

85 80 75

STA. 8+60.04; CONSTRUCT STD. TYPE 1A INLET (L = 6'-4") Top 82.50

STA. 3+01.87; CONSTRUCT STD. TYPE 1A INLET (L = 4'-4") Top 82.50

℄ MAYWOOD

8" WATER LINE

533 LF 24" R.C.P. @ 0.200%

4183 LF 15" R.C.P. @ 0.360%

LINE 1

FG 77.70 FG 77.80 FG 77.88 FG 78.08 FG 78.19 FG 78.34 FG 78.34 FG 78.40 FG 78.60 FG 78.60 FG 78.60 FG 78.72 FG 78.87

FGOUT 78.72 FGIN 78.62

3450 4400 4450 5400 6450 6400 6450 7400 7460 8400 8+60.04 9+01.87

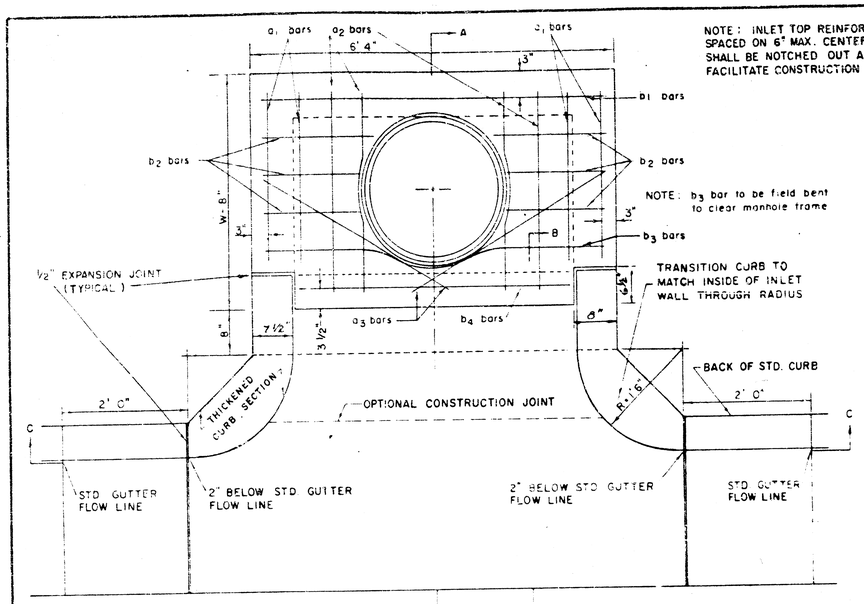
HIGHWAY FEDERAL AID SHEET
PLATE 1-SINGLE PLAN AND PROFILE-FULL LINE
METTLEYNE
PRINTED IN U.S.A.

STORM WATER SEWER FOR ROBBINS FARM 2ND ADDN. STAGE PAVING PROJECT

PROJ. NO. 417 76 245 8480 000 00 3 00

BAUGHMAN COMPANY, P.

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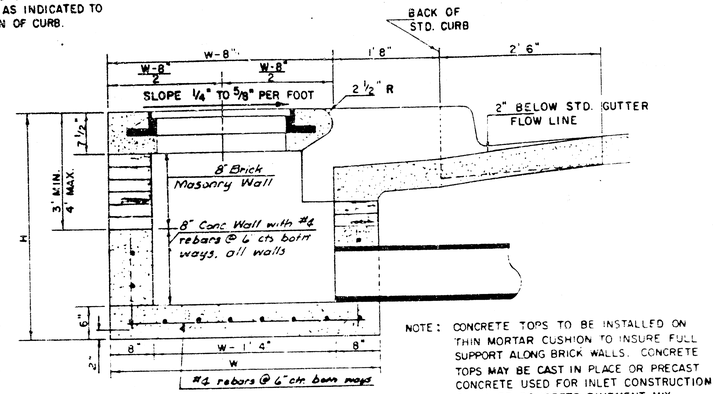


NOTE: EXPANSION JOINT ONLY IN CURB AREA WITH CONC. PAVEMENT.

PLAN

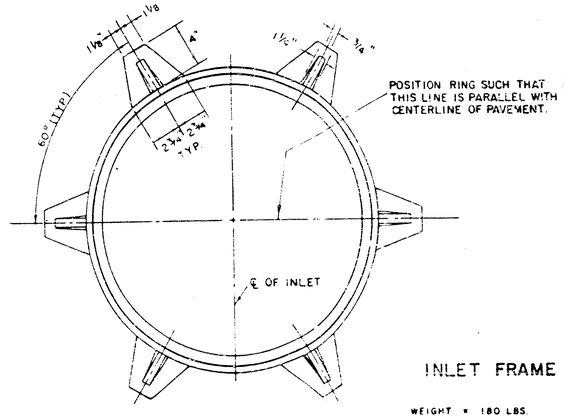
NOTE: INLET TOP REINFORCING SHALL BE SPACED ON 6" MAX. CENTERS. INLET LIDS SHALL BE NOTCHED OUT AS INDICATED TO FACILITATE CONSTRUCTION OF CURB.

NOTE: b_3 bar to be field bent to clear manhole frame



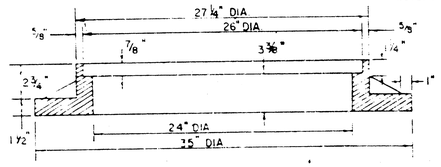
SECTION A-A

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.

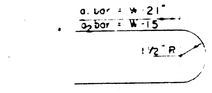


INLET FRAME

WEIGHT = 180 LBS.



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



BENDING DIAGRAM

STEEL SCHEDULE

BAR	a_1	a_2	a_3*	c W=4'4"	W=5'4"	W=6'4"	W=7'4"	W=8'4"	b_2	b_3	b_4	WT LBS
NUMBER	4	4	2	1	3	5	7	9	6	1	1	
SIZE	#4	#4	#4	#4	#4	#4	#4	#4	#4	#4	#6	
LENGTH W=4'4"	5'7"	6'7"	4'0"	6'1"	–	–	–	–	1'9"	6'2"	4'8"	60±
LENGTH W=5'4"	7'7"	8'7"	5'0"	–	6'1"	–	–	–	1'9"	6'2"	4'8"	81±
LENGTH W=6'4"	9'7"	10'7"	6'0"	–	–	6'1"	–	–	1'9"	6'2"	4'8"	101±
LENGTH W=7'4"	11'7"	12'7"	7'0"	–	–	–	6'1"	–	1'9"	6'2"	4'8"	121±
LENGTH W=8'4"	13'7"	14'7"	8'0"	–	–	–	–	6'1"	1'9"	6'2"	4'8"	141±

* NOTE: a_3 BARS TO BE PLACED APPROX 2" BELOW TOP OF INLET COVER

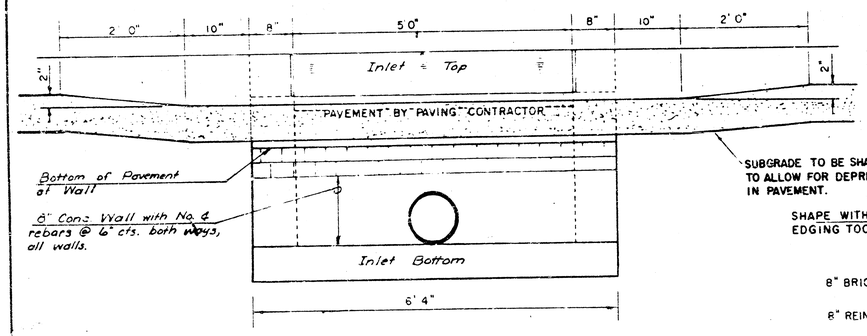
STANDARD CURB INLET PRECAST TOPS			
W	PRE-CAST TOP SIZE	PIPE SIZE	CU YD CONC
4' 4"	3'8" x 6'4" x 7 1/2"	21" & SMALLER	0.38 ±
5' 4"	4'8" x 6'4" x 7 1/2"	24" & 30"	0.51 ±
6' 4"	5'8" x 6'4" x 7 1/2"	36" & 42"	0.64 ±
7' 4"	6'8" x 6'4" x 7 1/2"	48" & 54"	0.77 ±
8' 4"	7'8" x 6'4" x 7 1/2"	60" & 66"	0.90 ±

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.

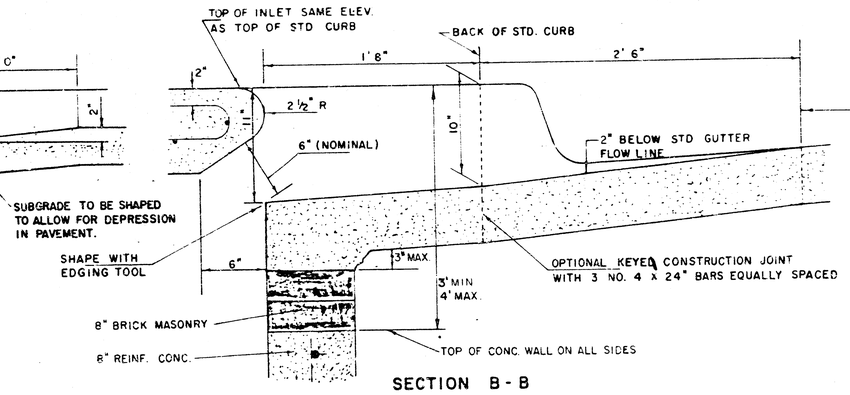
ADDITIONAL CURB AND GUTTER CONSTRUCTION NECESSARY TO CONNECT SET-BACK INLET TO PAVEMENT WILL BE PAID FOR AT THE UNIT PRICE BID FOR EACH INLET HOOKUP.

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



SECTION C-C



SECTION B-B

REVISED 12-21-1984

11 OF 16

DETAIL STANDARD TYPE IA CURB INLET

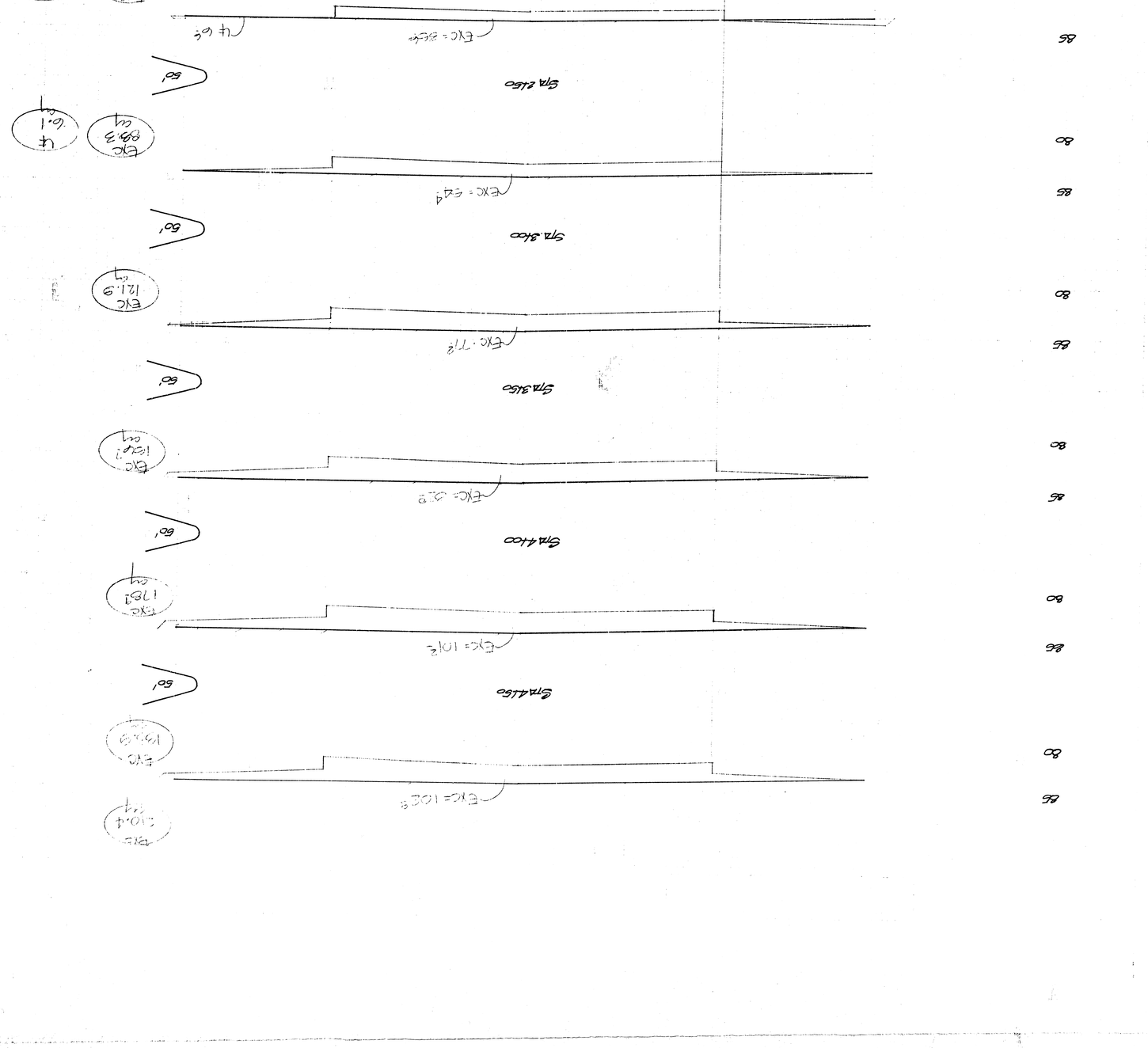
CITY OF WICHITA, KANSAS

INLET OPENING = 6" × 5' 0"

JUNE 1984

11/16

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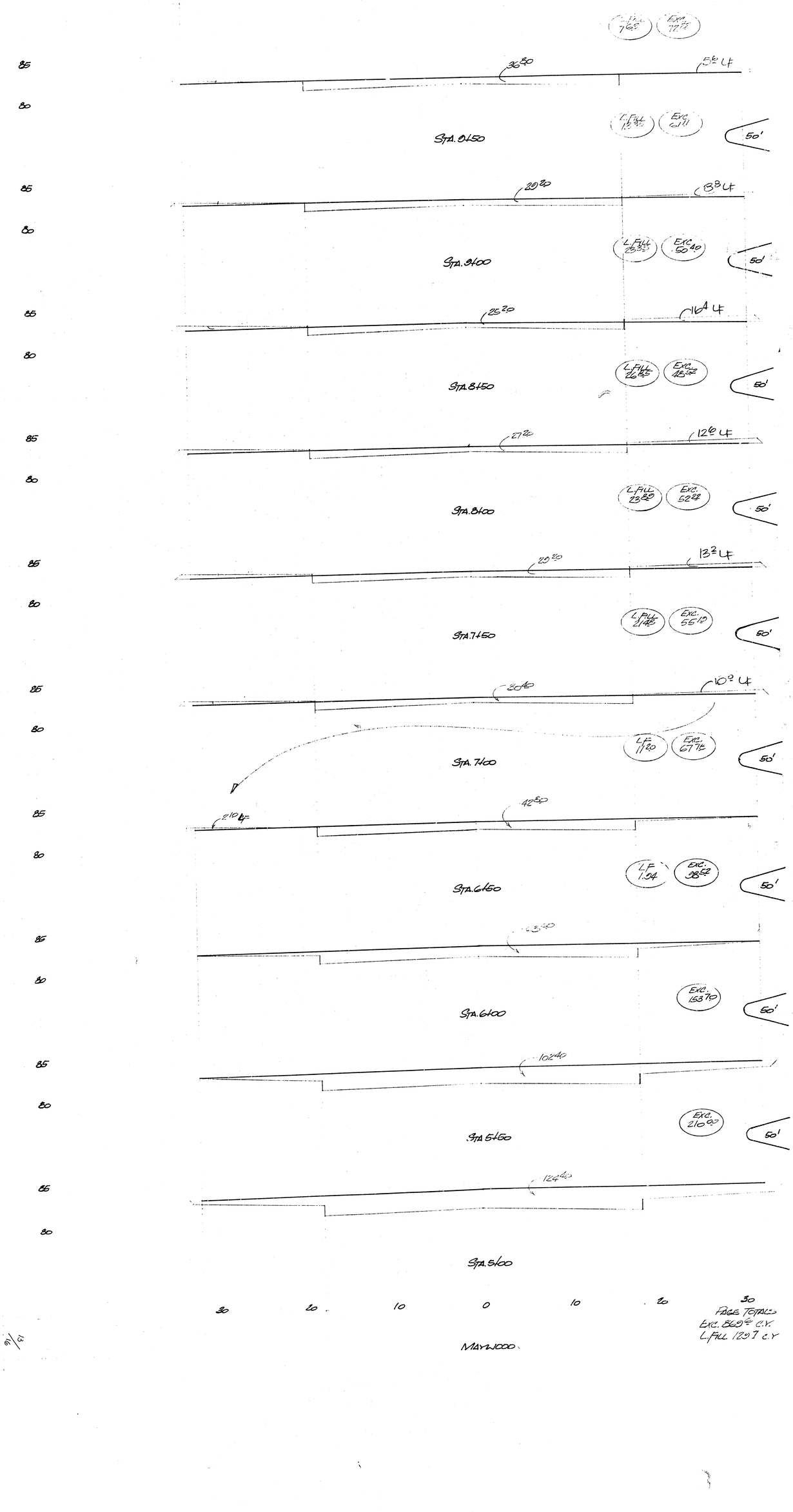
EARTHWORK SECTIONS FOR
ROBBINS FARM 2ND ADDITION

Project Totals

EXCAVATION	3011.0 C.Y.
LOOSE FILL	633.6 C.Y.
COMPACTED FILL	526.8 C.Y.
MINIMUM LATED FILL	281.4 C.Y.

EARTHWORK SECTIONS 12 OF 16
472-76-245-81401-000-000-001

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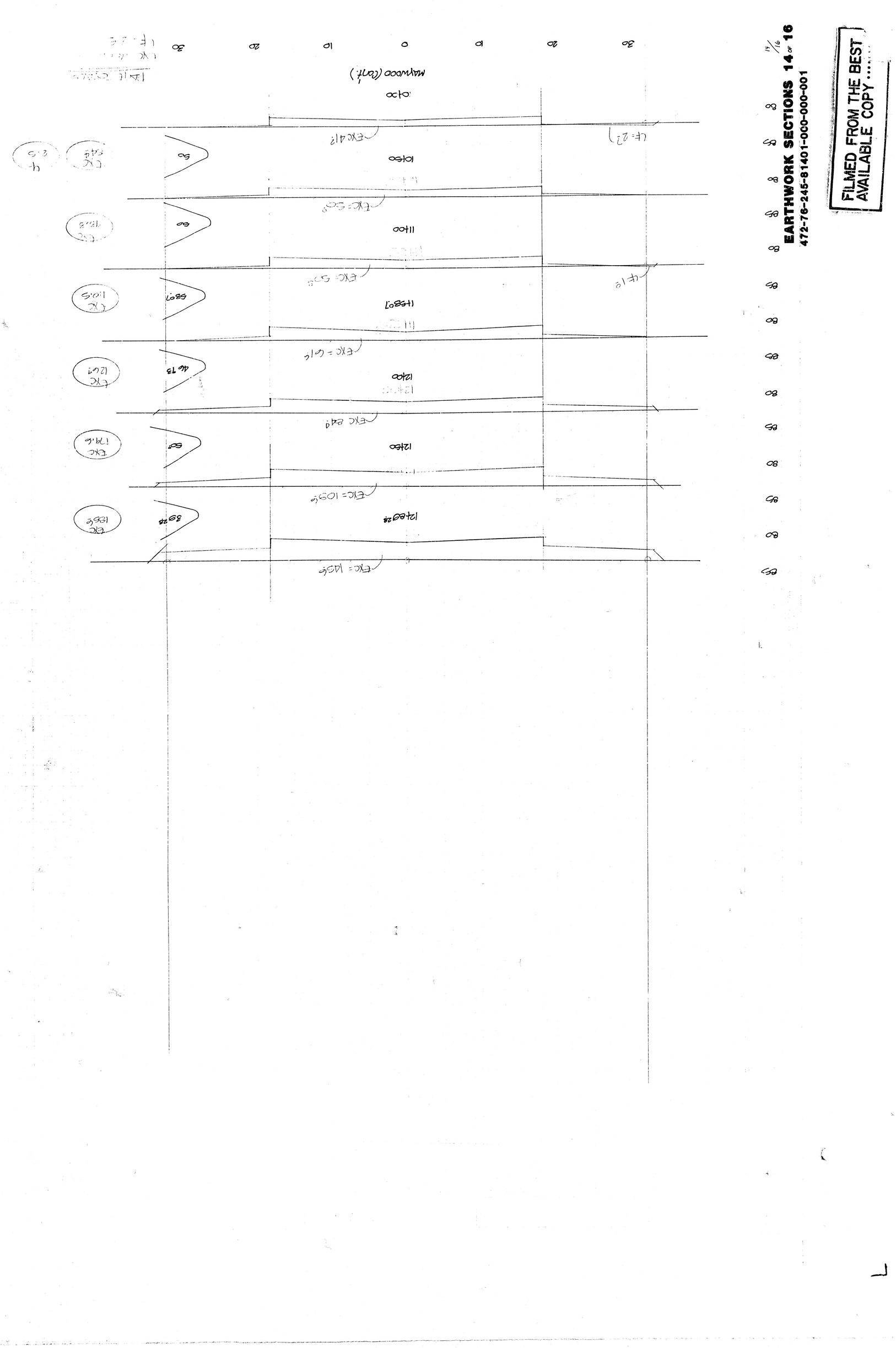
EARTHWORK SECTIONS 13 OF 16

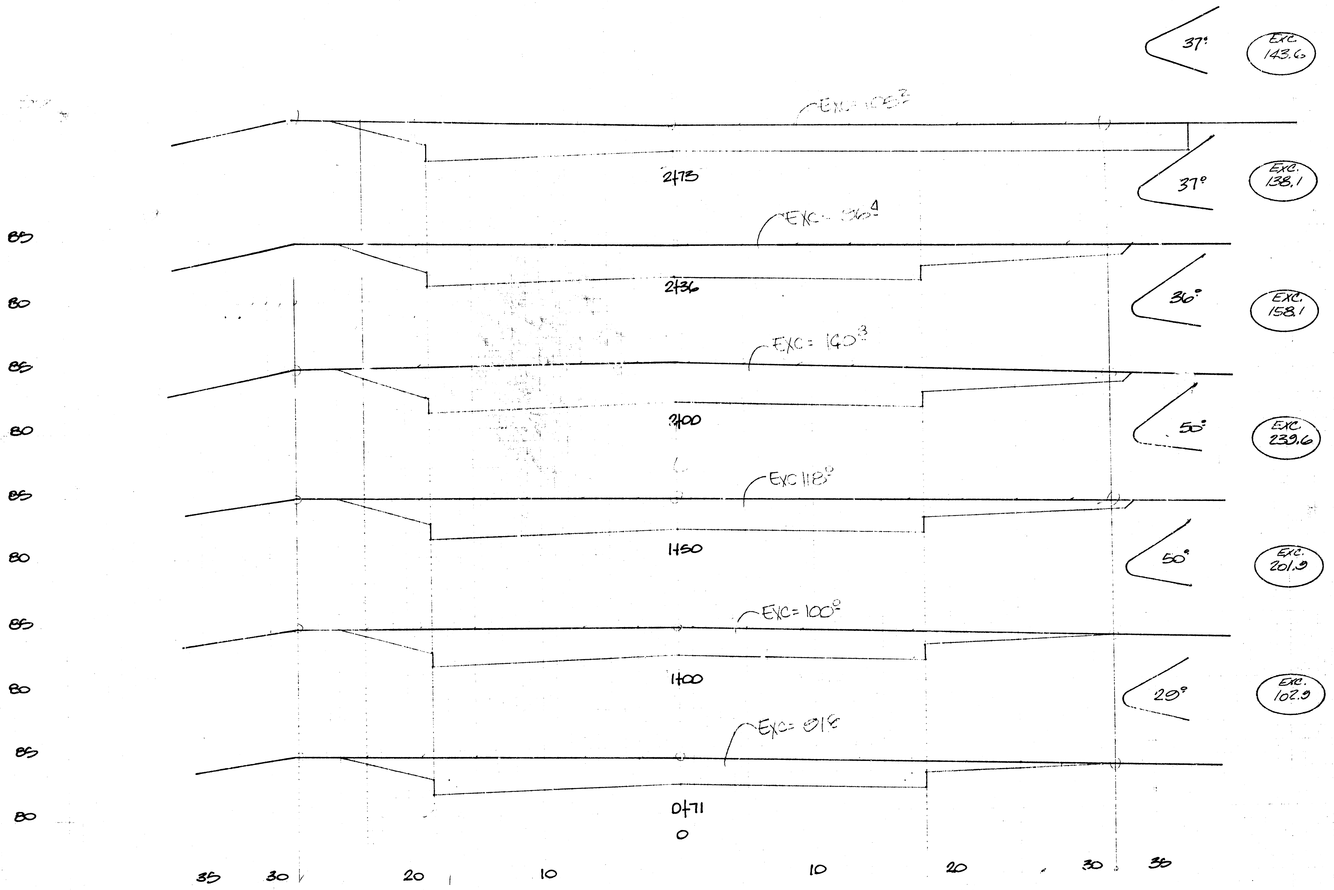
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13/16

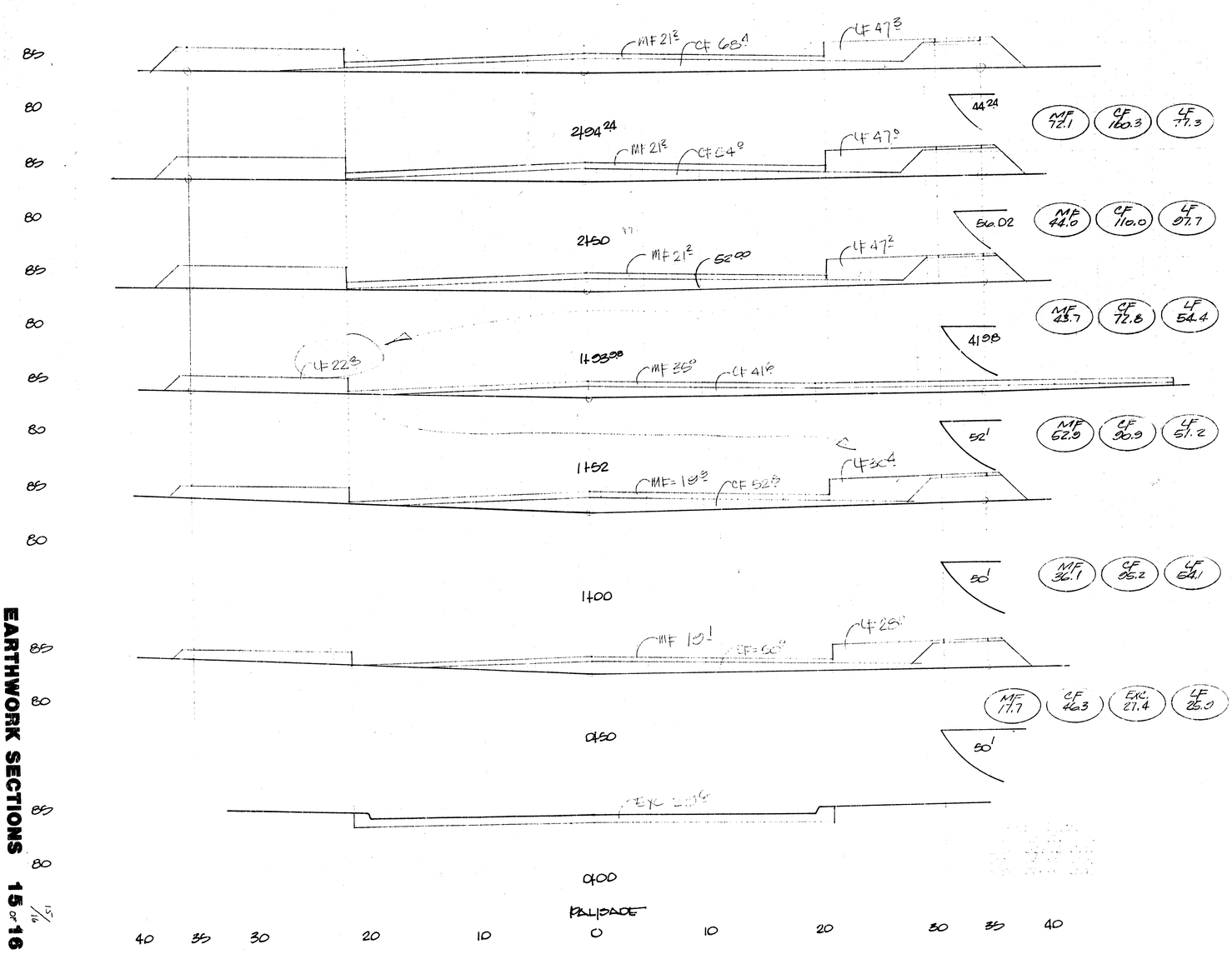
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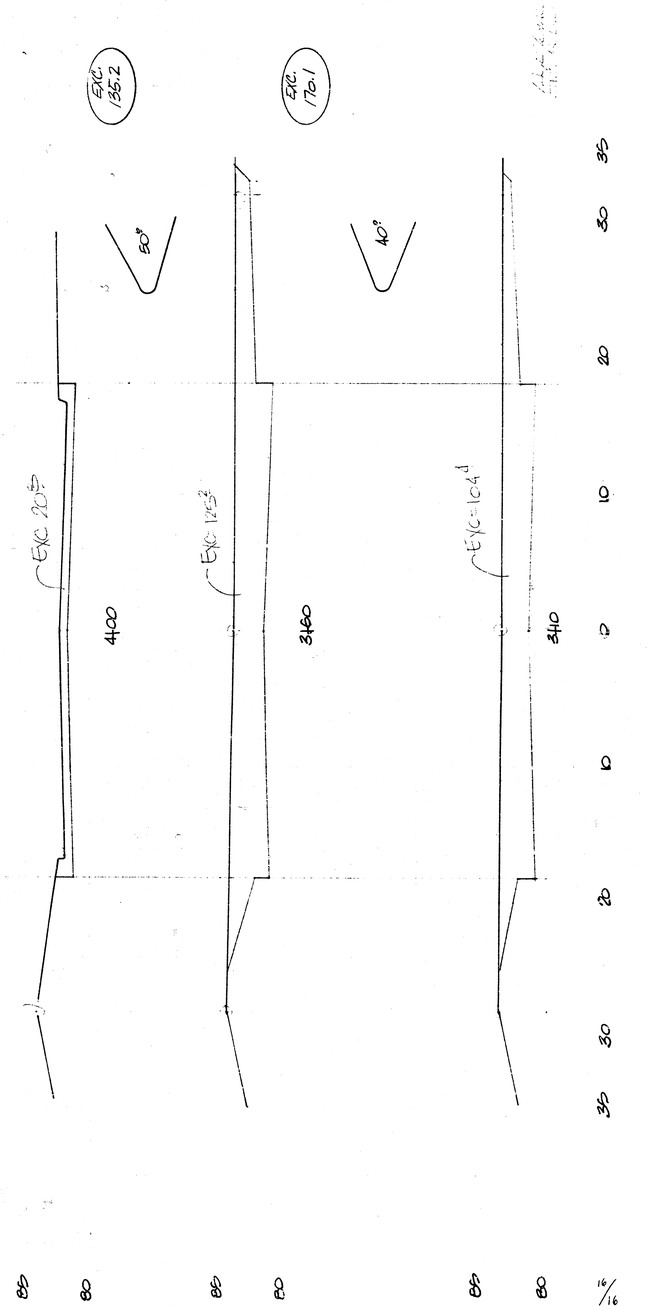
MIDLAND



EARTHWORK SECTIONS 15 or 16

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EARTHWORK SECTIONS 10-16

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