

Street Improvements for
ARLINGTON PLACE 2ND ADDITION - PHASE II

Manchester : From 76.23' S. of 11th St. to W.L. Lot 1, Blk 3.
Manchester Court: From E.L. Manchester to and including cul-de-sac
to serve Lots 4-15, Blk 2.
11TH Street and Lark: From E.L. Manchester to N.L. Lot 23, Blk 2.
Manchester Court: From E.L. Manchester and Harvest Lane to and
to and including cul-de-sac to serve Lots 15-20, Blk 1.

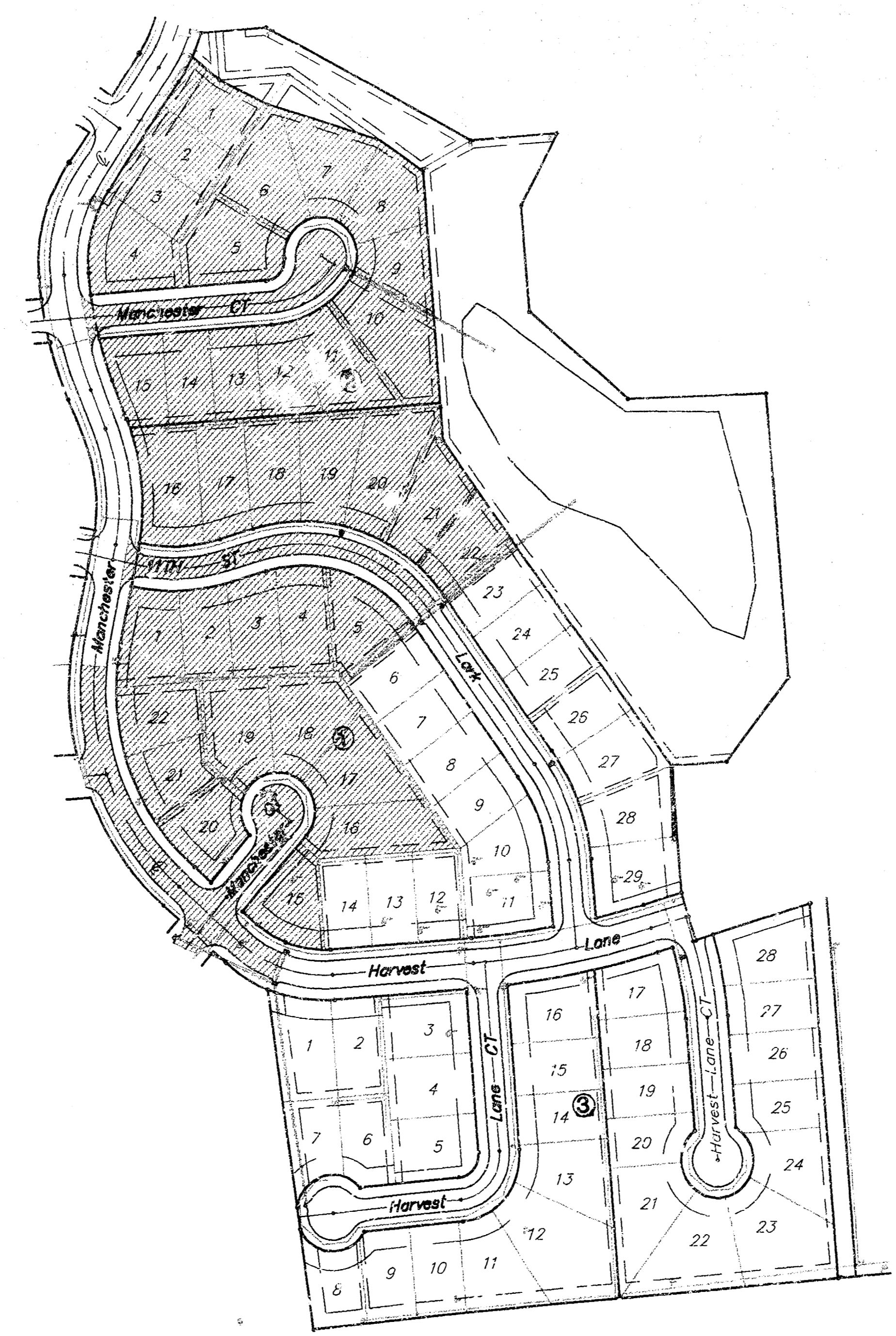
Project No.
472-76-245-82252-000-000-001

CITY OF WICHITA, KANSAS
Michael E. Lindebak City Engineer

Index Code: **781619**

General Notes

1. Interurban traffic generated outside the project area and local business or apartment traffic generated within the project area are to be carried through construction as further promulgated by project special provisions.
2. Utility service lines, poles, valve boxes, meters, and etcetera are to be adjusted as necessary by others prior to construction unless the plans specifically call for their adjustment by the Contractor or unless the plans specifically identify a utility to be adjusted by its owner during construction. 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.
3. A saw cut of at least one-half the depth of existing surface courses or one-fourth the depth of the existing total pavement thickness shall be provided at locations where proposed construction abuts an existing surface course or pavement for which partial removal of that surface or pavement is required. Sawed joint to facilitate removal within three (3) feet of existing joints will not be permitted and for such instances the limits of removal shall extend to the existing joint. Such saw cuts will not be paid for directly and this cost shall be considered as subsidiary to the removal of the surface or pavement.
4. Rubble from the removal of miscellaneous structures and excess excavation which is to be wasted shall be disposed of on sites to be provided by the Contractor. These sites shall be approved by the Engineer as to suitability, appearance and site location. Locations that, in the opinion of the Engineer, will leave an unsightly appearance will not be approved. All disposal sites must be approved by the Kansas Department of Health and Environment. Material either stockpiled or disposed of in a flood plain would require a Kansas State Board of Agriculture permit. Any material dumped in waters of the United States or wetlands is subject to U.S. Corps. of Engineers permitting regulations. Any material buried or stockpiled beyond approved construction limits would require additional archaeological investigations unless buried in a previously approved borrow location.
5. No more than 5 drives 12 feet in width, or equivalent combinations thereof, are to be constructed with this project.
6. Mailboxes within the limits of the project shall be removed and replaced by the Contractor as approved by the Engineer. Contractor will be required to make satisfactory provisions for mail delivery to properties affected by this project during its construction.
7. Trees and shrubs in public right-of-way which are in direct conflict with proposed new construction shall be removed by the Contractor with the Engineer's approval. Trees and shrubs which are not in direct conflict with proposed new construction shall be saved and protected from damage.
8. 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.
9. 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 in accordance with state laws.
10. The Contractor shall adjust Water Valve Boxes and Fire Hydrants as directed by the Engineer at the price bid for said adjustments. The Water Department shall locate water valves one time during construction when requested by the Contractor. It shall be the Contractor's responsibility to preserve such field locations during the construction process. Water valves, water valve boxes or fire hydrants damaged during construction shall be repaired by the contractor at his own expense.
11. The Contractor shall give all property owners and/or tenants of developed property abutting the project limits a minimum of ten (10) days notice prior to start of construction.



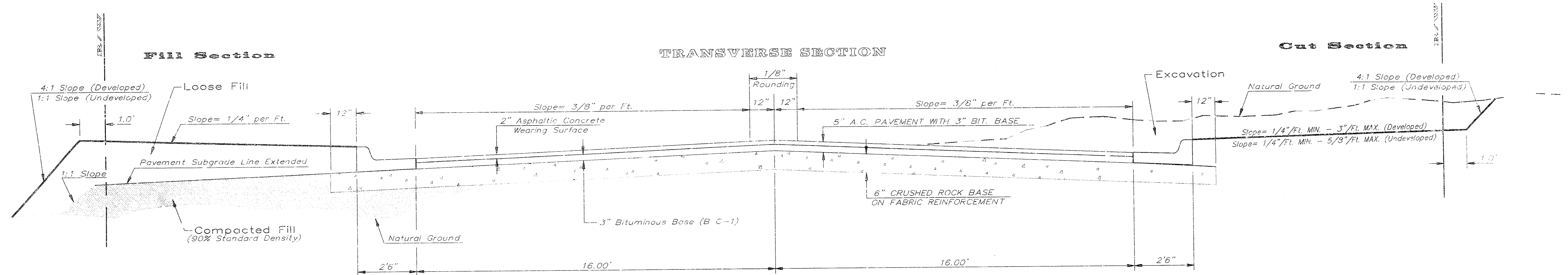
Index

1. Title Sheet
2. 37' Pavement Detail
3. 29' Pavement Detail
4. Alternate 37' Pavement Detail
5. Alternate 29' Pavement Detail
6. Valley Gutter Detail
7. 11th Street
8. Manchester
9. Manchester Court Serving Lots 15-20, Block 1.
10. Manchester Court Serving Lots 4-15, Block 2.
- 11-15. Earthwork Cross-Sections
16. Plat of Arlington Place 2nd Addition



Benefit District

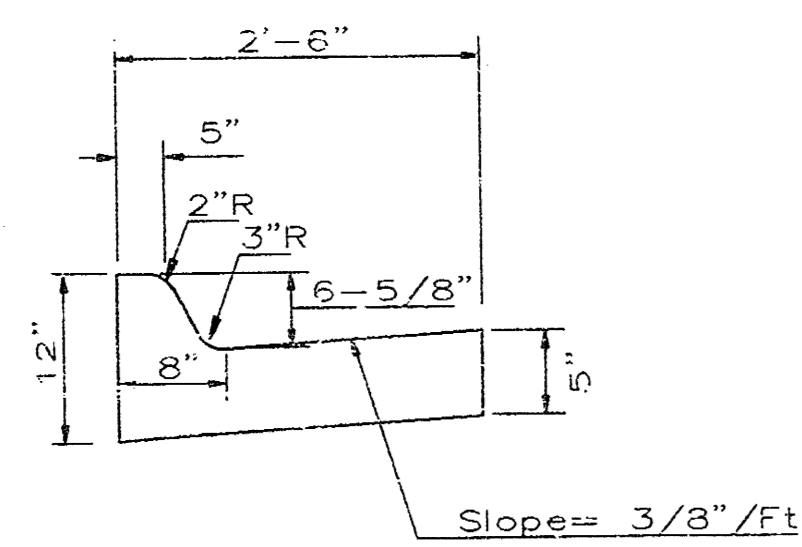
TYPICAL 37' B-B PAVEMENT DETAILS



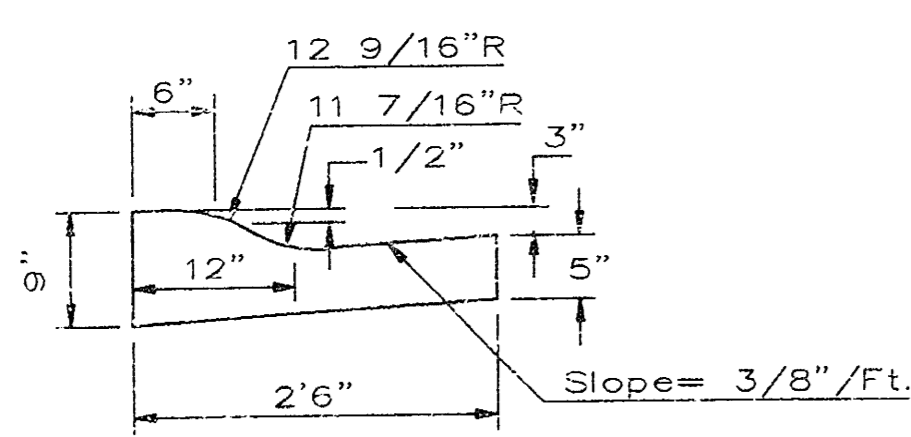
Pavement Specification
The crushed rock shall have the following gradation:

	% Retained
2-1/2"	0
3/4"	20 to 60
#4	50 to 80
#40	80 to 94
#200	90 to 96

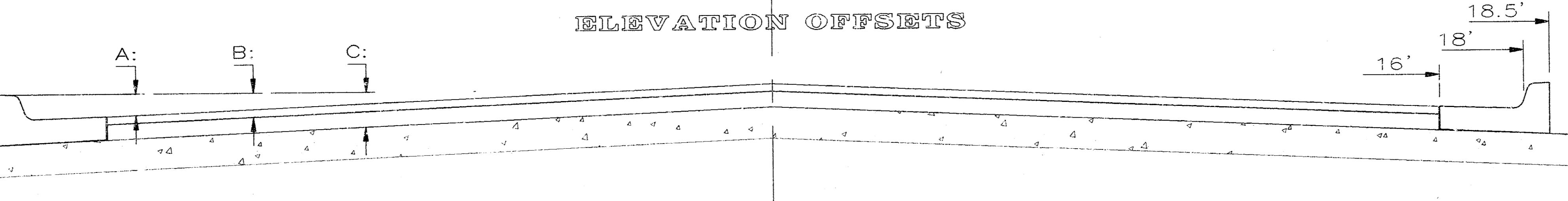
Rock quality shall conform to the requirements specified by the KDOT 1990 Edition Standard Specification Subsection 1102 for durability Class I.



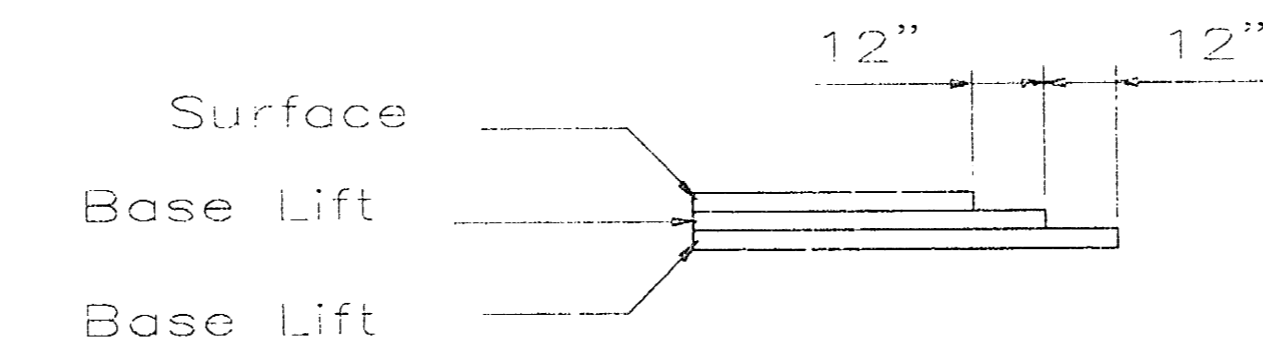
COMBINED CURB & GUTTER



COMBINED ROLL TYPE CURB & GUTTER

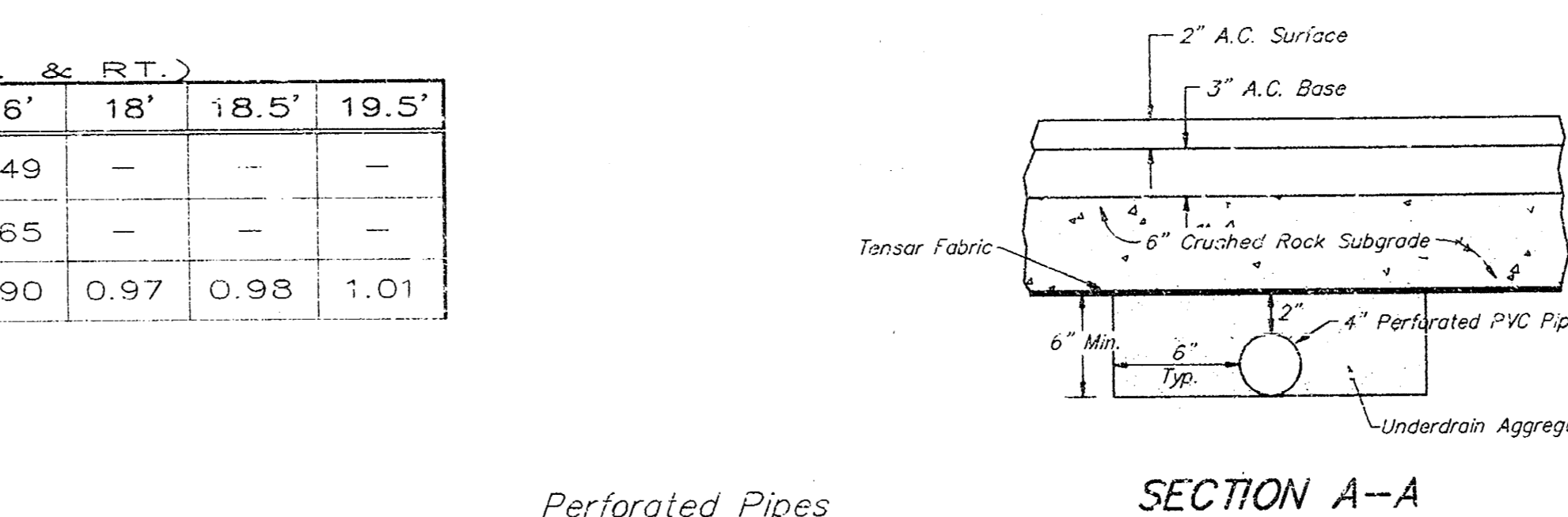


	DISTANCE FROM CENTERLINE (LT. & RT.)											
	0'	2'	4'	6'	8'	10'	12'	14'	16'	18'	18.5'	19.5'
A: Top of Curbs to Top of Surface Lift	0.01	.05	0.11	0.18	0.24	0.30	0.36	0.43	0.49	—	—	—
B: Top of Curbs to Top of Upper Base Lift	0.17	0.22	0.28	0.34	0.40	0.47	0.53	0.59	0.65	—	—	—
C: Top of Curbs to Top of C.R. Subgrade	0.43	0.47	0.53	0.59	0.65	0.72	0.78	0.84	0.90	0.97	0.98	1.01



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 5\"/>

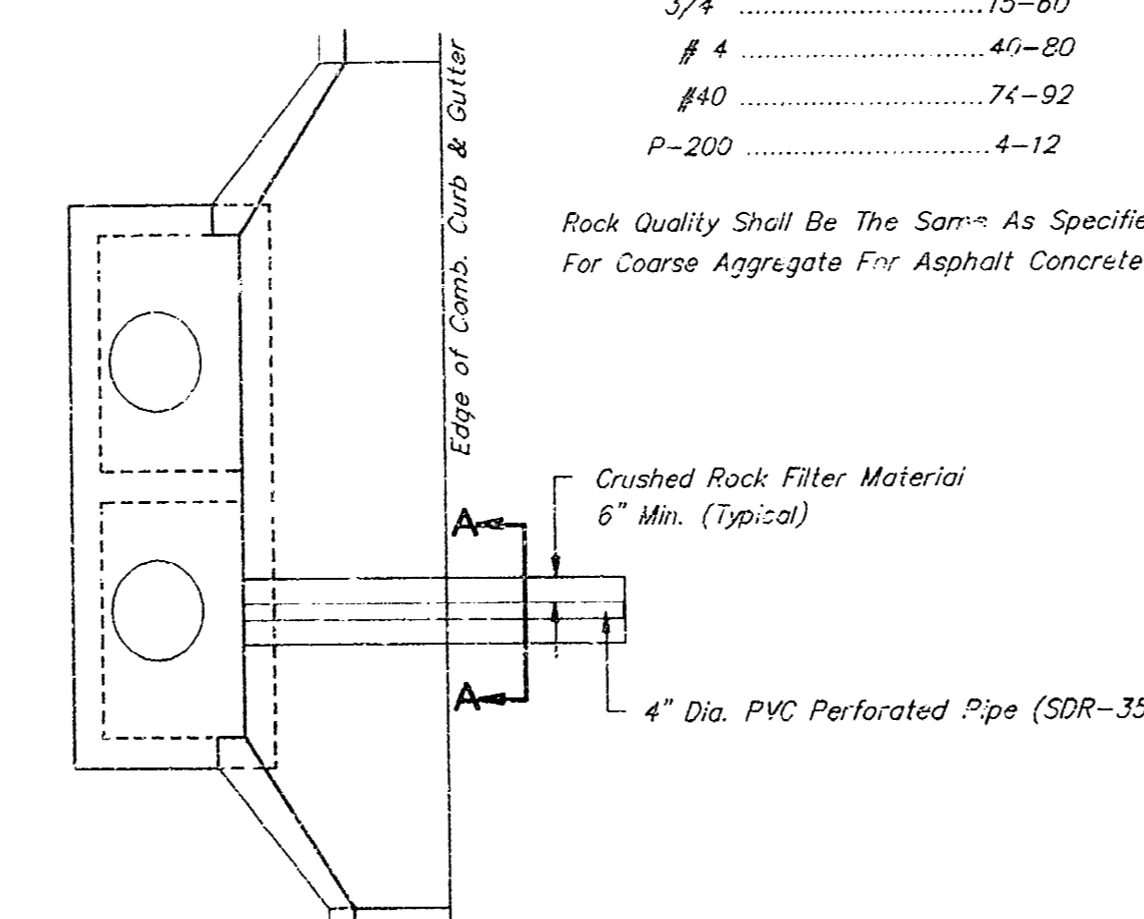


SECTION A-A

Perforated Pipes
CRUSHED ROCK GRADATION REQUIREMENTS
Percent of Aggregate Retained

1 1/2"	0
3/4"	15-80
#4	40-80
#40	70-92
P-200	4-12

Rock Quality Shall Be The Same As Specified For Coarse Aggregate For Asphalt Concrete Mixes.



PAVEMENT UNDERDRAIN DETAIL

General Notes

FABRIC BASE REINFORCEMENT SHALL BE B X 1100 GEOGRID AS MANUFACTURED BY TENSAR CORPORATION OR APPROVED EQUAL. FABRIC BASE REINFORCEMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. CRUSHED ROCK SHALL BE UNIFORMLY GRADED FROM 1-1/2\"/>

ROCK BASE IS TO BE COMPACTED AND SMOOTHED WITH A STEEL FACED ROLLER PRIOR TO PLACEMENT OF ASPHALT. TACK COAT WILL NOT BE APPLIED TO ROCK BASE.

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.

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

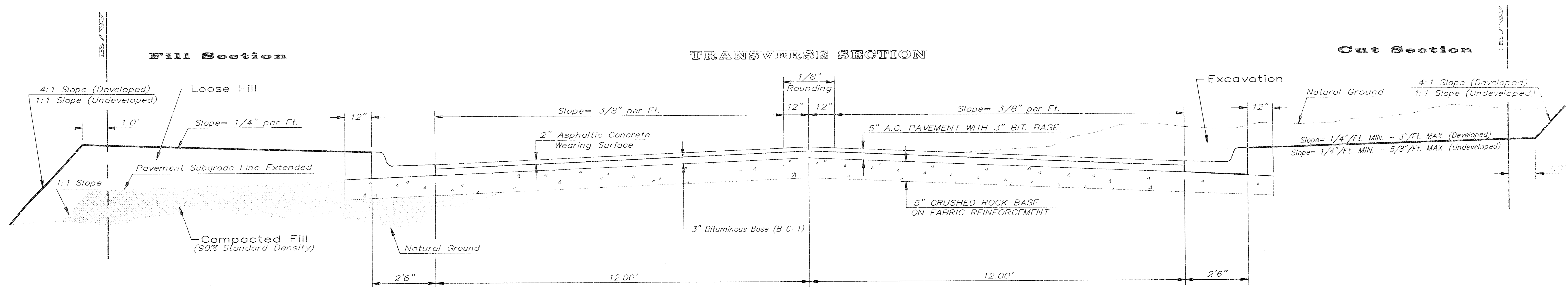
CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF ONE (1) FOOT FROM JOINTS IN PRECEDING LIFTS AND PLACED SO THAT A JOINT WILL BE CONSTRUCTED ON THE CENTERLINE OF THE TOP LIFT.

THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 5\"/>

5 INCH Residential Asphaltic Concrete Pavement with Crushed Rock Base on Fabric Reinforcement
City of Wichita, Kansas

BAUGHMAN COMPANY P. A. ENGINEERING & SURVEYING 316/62-7271 • 315 ELLIS • WICHITA, KANSAS 67211		REV.
PROJECT NUMBER 472-76-245-82252-000-000-001		SHEET 2
DESIGN	DRAWN	APPROVED
T.C.R.		1-14-93
SCALE		OF 16

TYPICAL 29' B-B PAVEMENT DETAILS

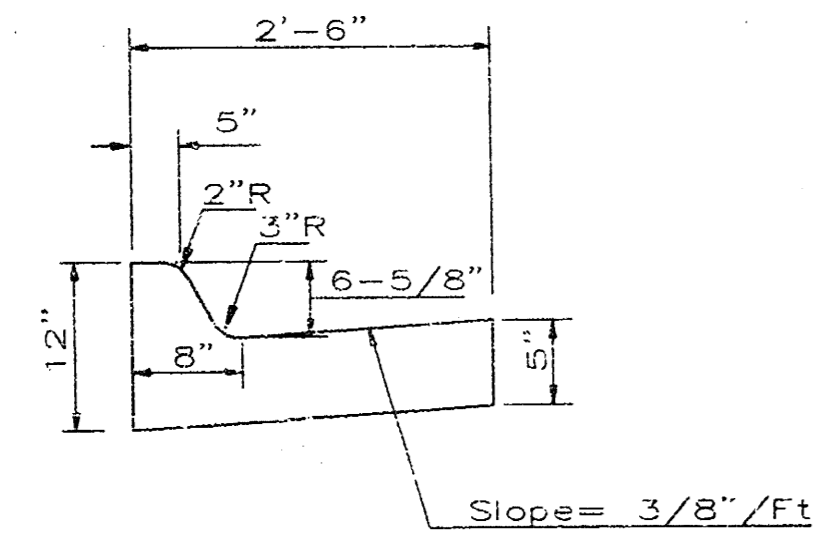


Pavement Specifications

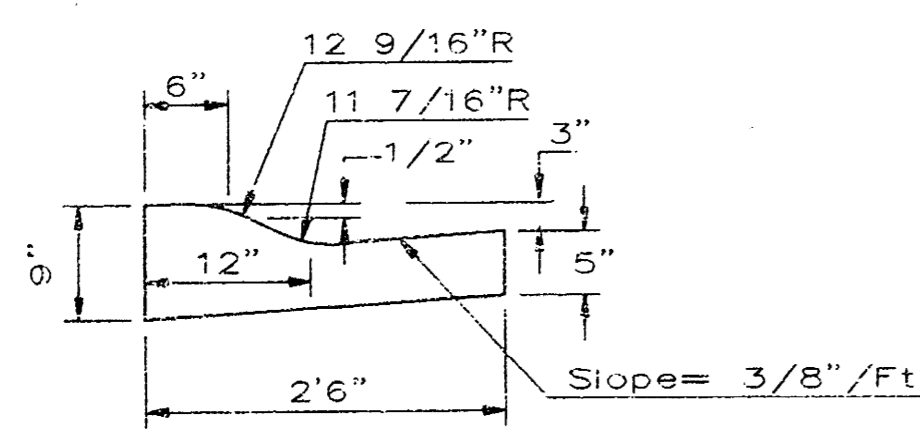
The crushed rock shall have the following gradation:

Size	% Retained
2-1/2"	0
3/4"	20 to 60
#4	50 to 80
#40	80 to 94
#200	90 to 98

Rock quality shall conform to the requirements specified by the KDOT 1990 Edition Standard Specification Subsection 1102 for durability Class I.

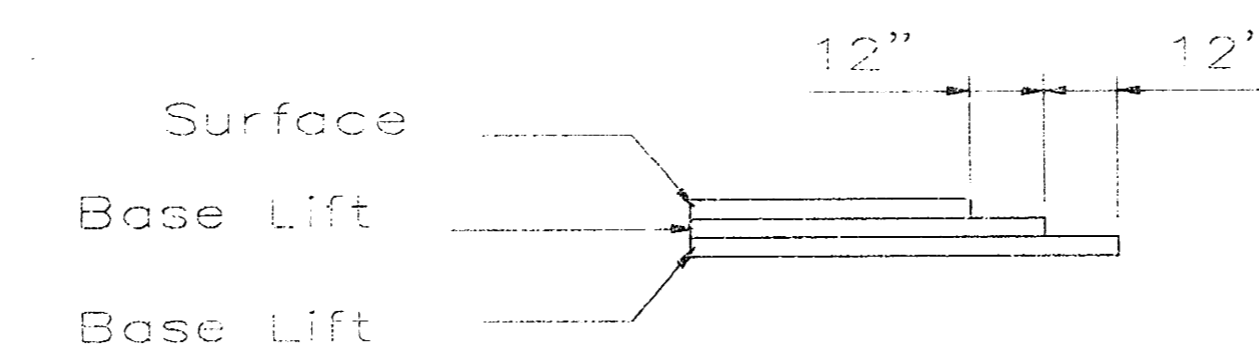


COMBINED CURB & GUTTER



COMBINED ROLL TYPE CURB & GUTTER

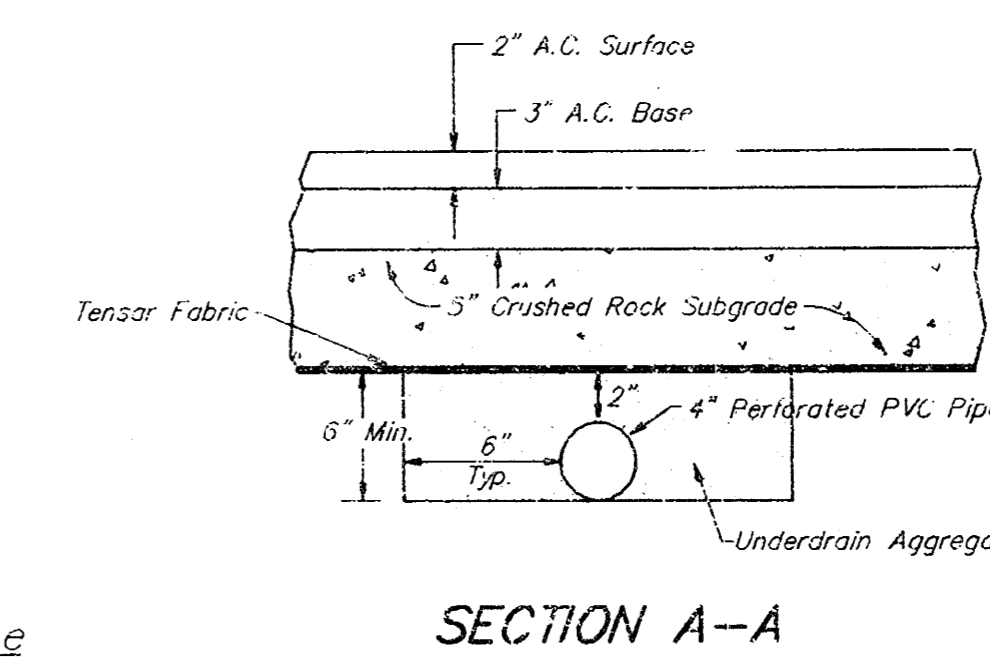
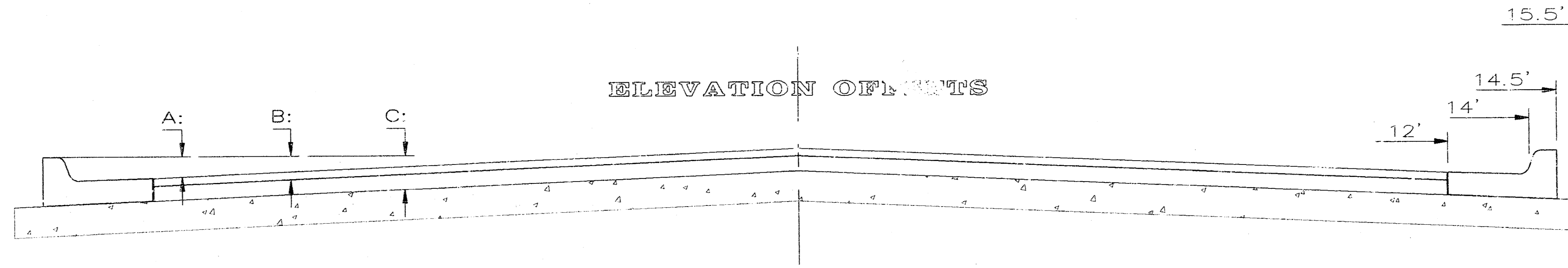
	DISTANCE FROM CENTERLINE (L.T. & R.T.)										
	0'	2'	4'	6'	7'	8'	10'	12'	14'	14.5'	15.5'
A: Top of Curbs to Top of Surface Lift	0.13	0.18	0.24	0.30	0.33	0.36	0.43	0.49	—	—	—
B: Top of Curbs to Top of Upper Base Lift	0.30	0.35	0.41	0.47	0.50	0.53	0.50	0.66	—	—	—
C: Top of Curbs to Top of C.R. Subgrade	0.55	0.60	0.66	0.72	0.75	0.78	0.85	0.91	0.97	0.98	1.01



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 5\"/>

ELEVATION OF POINTS



SECTION A-A

Perforated Pipe

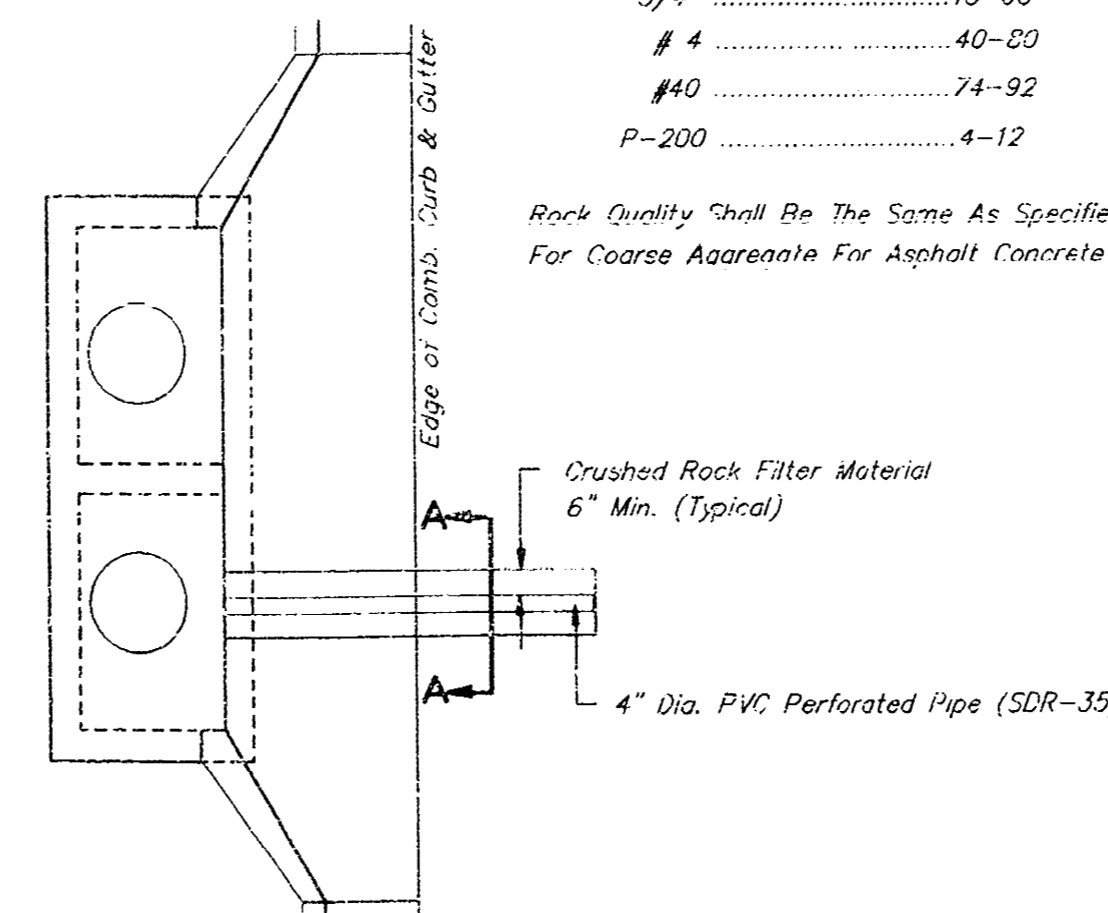
CRUSHED ROCK GRADATION REQUIREMENTS

Percent of Aggregate Retained

1 1/2"	0
3/4"	15-60
#4	40-80
#40	74-92
P-200	4-12

Rock Quality shall Be The Same As Specified For Coarse Aggregate For Asphalt Concrete Mixes.

NOTE: Place 4\"/>



PAVEMENT UNDERDRAIN DETAIL

General Notes

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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.

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

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.

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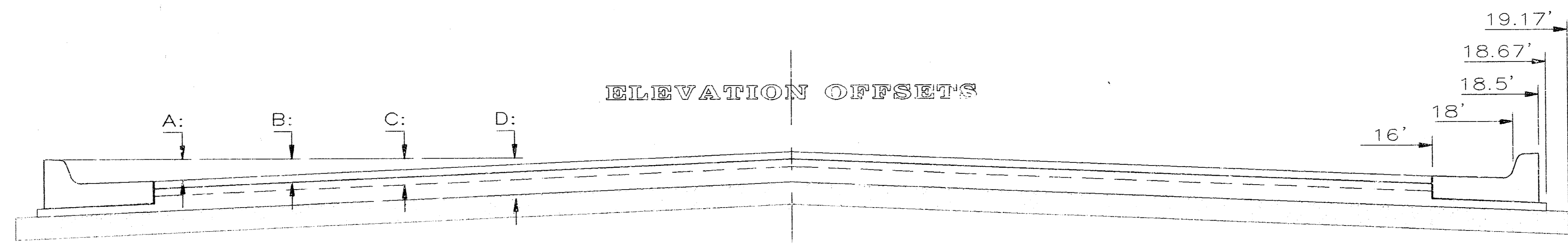
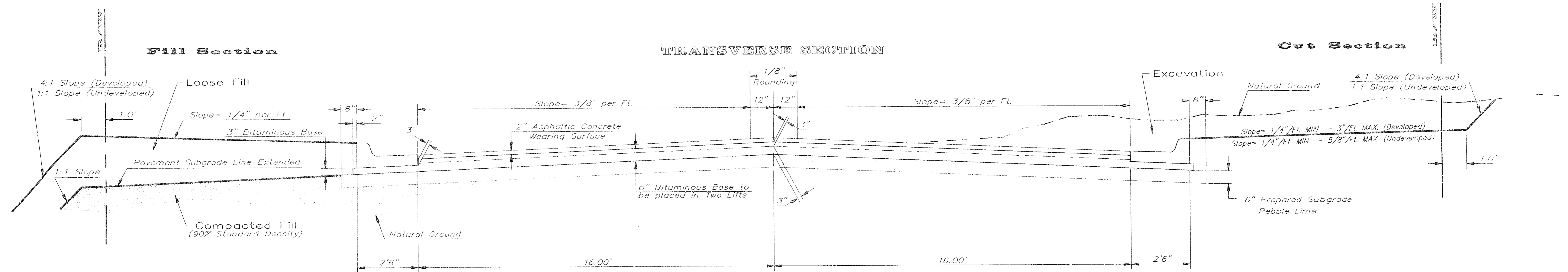
5 INCH Residential Asphaltic Concrete Pavement with Crushed Rock Base on Fabric Reinforcement City of Wichita, Kansas

BAUGHMAN COMPANY P. A. ENGINEERING & SURVEYING 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER 472 76 245 82252 000 000 001 SHEET 3 OF 16

DESIGN DRAWN APPROVED DATE 1-14-93 SCALE

TYPICAL 37' B-B PAVEMENT DETAILS



General Notes

THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 8" ASPHALTIC CONCRETE W/ (6" BITUMINOUS BASE.)

THE BITUMINOUS BASE UNDER AND BEHIND THE COMB CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 3" BITUMINOUS BASE.

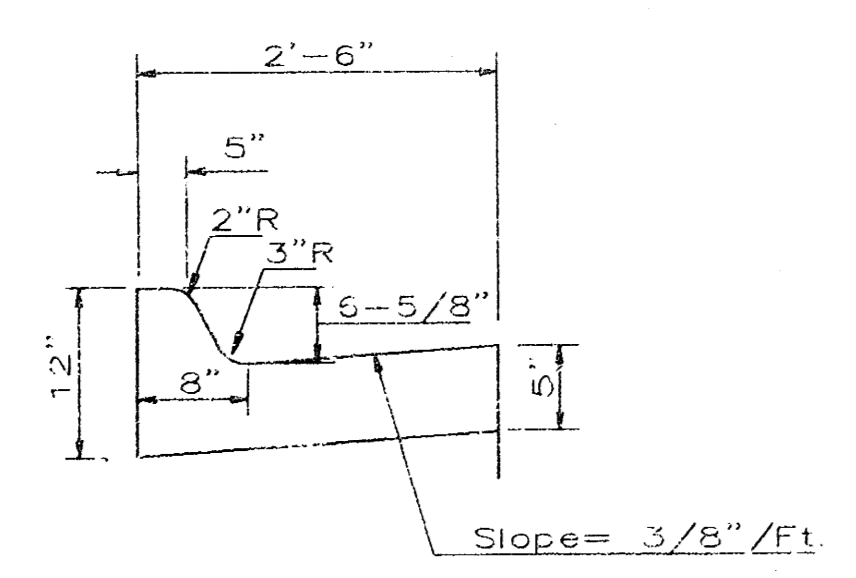
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BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC CONTROLS FOR LINE AND GRADE.

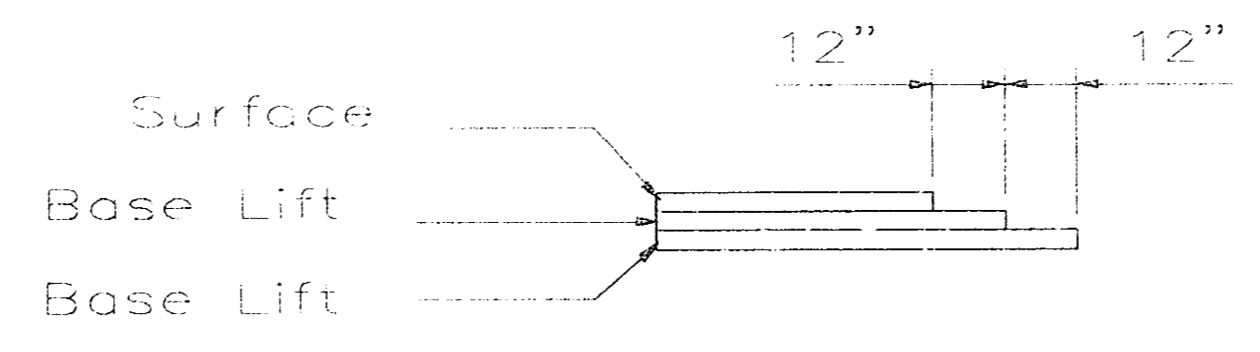
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CONTRACTOR TO BID ONLY ONE SUBGRADE TREATMENT ALTERNATE WHEN ALTERNATES ARE PROVIDED IN THE PROPOSAL AND CONTRACT. THE ALTERNATE CHOSEN BY THE SUCCESSFUL BIDDER SHALL BE USED IN CONSTRUCTING THIS PROJECT.

	DISTANCE FROM CENTERLINE (LT. & RT.)												
	0'	2'	4'	6'	8'	10'	12'	14'	16'	18'	18.5'	18.67'	19.17'
A: Top of Curbs to Top of Surface Lift	0.01	.05	0.11	0.18	0.24	0.30	0.36	0.43	0.49	-	-	-	-
B: Top of Curbs to Top of Upper Base Lift	0.17	0.22	0.28	0.34	0.40	0.47	0.53	0.59	0.65	-	-	-	-
C: Top of Curbs to Top of Lower Base Lift	0.42	0.47	0.53	0.59	0.65	0.72	0.78	0.84	0.90	0.97	0.98	0.99	-
D: Top of Curbs to Top of Subgrade	0.67	0.72	0.78	0.84	0.90	0.97	1.03	1.09	1.15	1.22	1.23	1.24	1.25

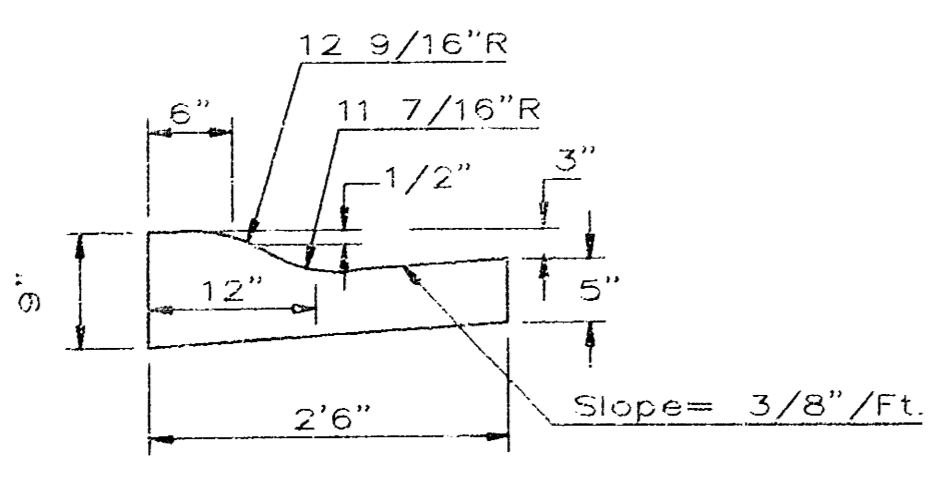


COMBINED CURB & GUTTER



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).



COMBINED ROLL TYPE CURB & GUTTER

8 INCH Residential Asphaltic Concrete Pavement with 6 INCH Bituminous Base
City of Wichita, Kansas

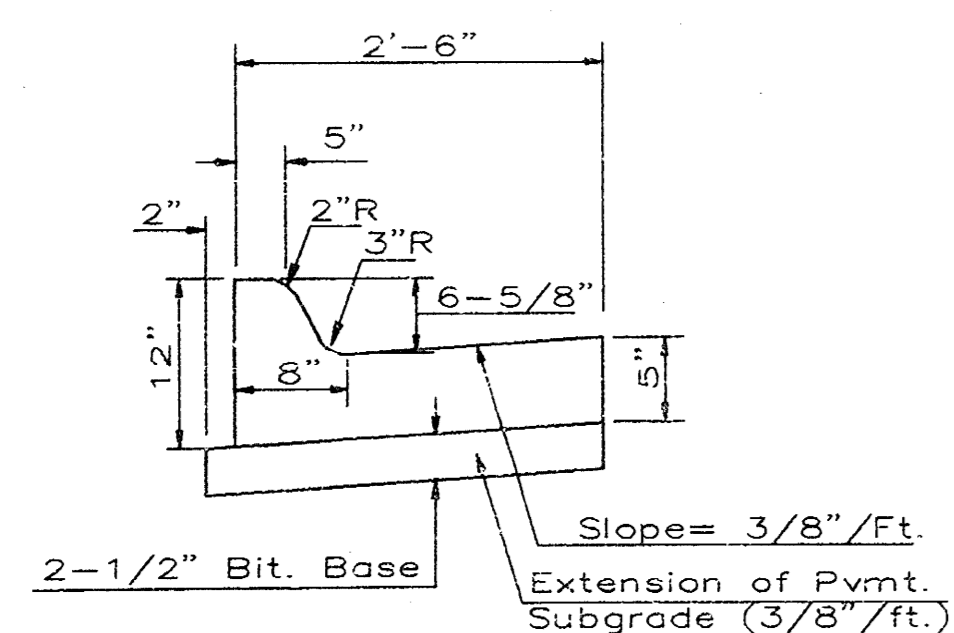
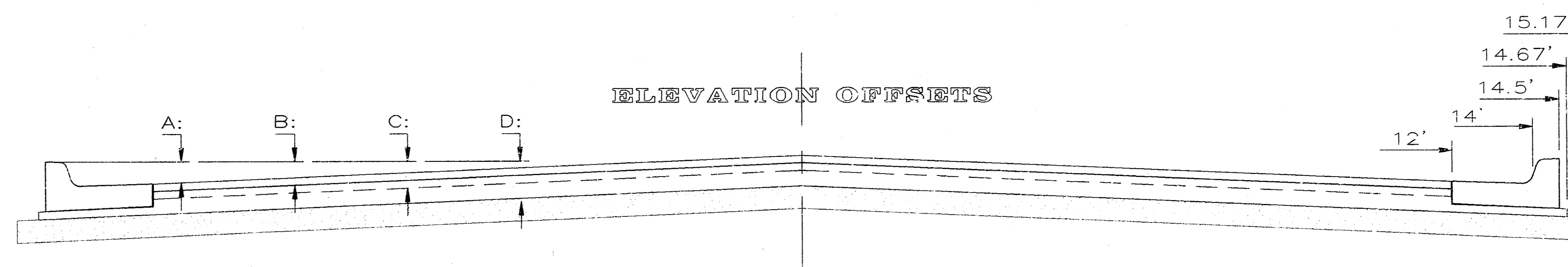
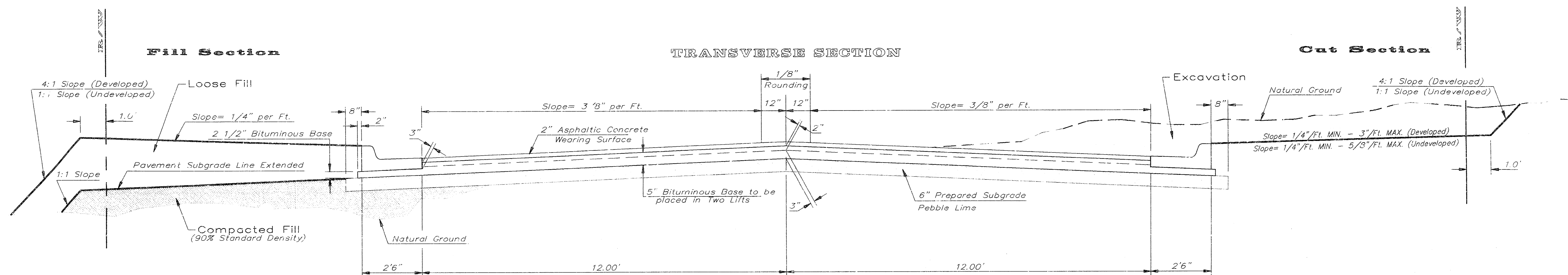
BAUGHMAN COMPANY P. A.
ENGINEERING & SURVEYING
316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER
472 76 245 **82252** 000 000 001

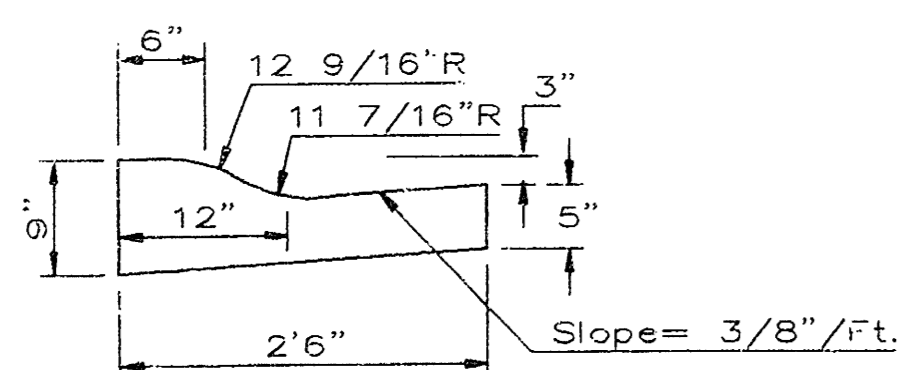
DESIGN DRAWN APPROVED DATE 1-14-93 SCALE

REV. SHEET 4 OF 16

TYPICAL 29' B-B PAVEMENT DETAILS



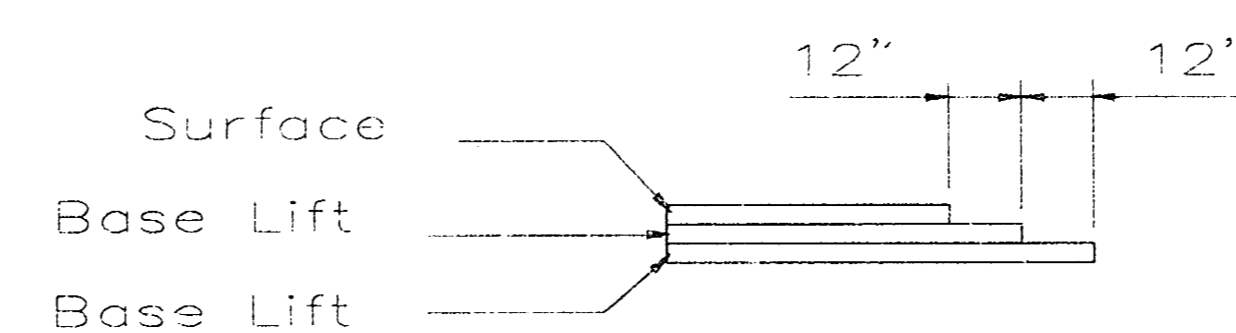
COMBINED CURB & GUTTER (6-5/8")



COMBINED ROLL TYPE CURB & GUTTER (3 3/8")

DISTANCE FROM CENTERLINE (LT. & RT.)

	0'	2'	4'	6'	7'	8'	10'	12'	14'	14.67'	15.17'
A: Top of Curbs to Top of Surface Lift	0.13	0.18	0.24	0.30	0.33	0.36	0.43	0.49	-	-	-
B: Top of Curbs to Top of Upper Base Lift	0.30	0.35	0.41	0.47	0.50	0.53	0.60	0.66	-	-	-
C: Top of Curbs to Top of Lower Base Lift	0.47	0.52	0.60	0.68	0.71	0.75	0.83	0.90	0.98	1.00	1.01
D: Top of Curbs to Top of Subgrade	0.72	0.77	0.84	0.91	0.94	0.98	1.05	1.12	1.19	1.21	1.23



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 7" ASPHALTIC CONCRETE (5" BITUMINOUS BASE).

General Notes

THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 7" ASPHALTIC CONCRETE W/ (5" BITUMINOUS BASE.)

THE BITUMINOUS BASE UNDER AND BEHIND THE COMB. CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 2 1/2" BITUMINOUS BASE.

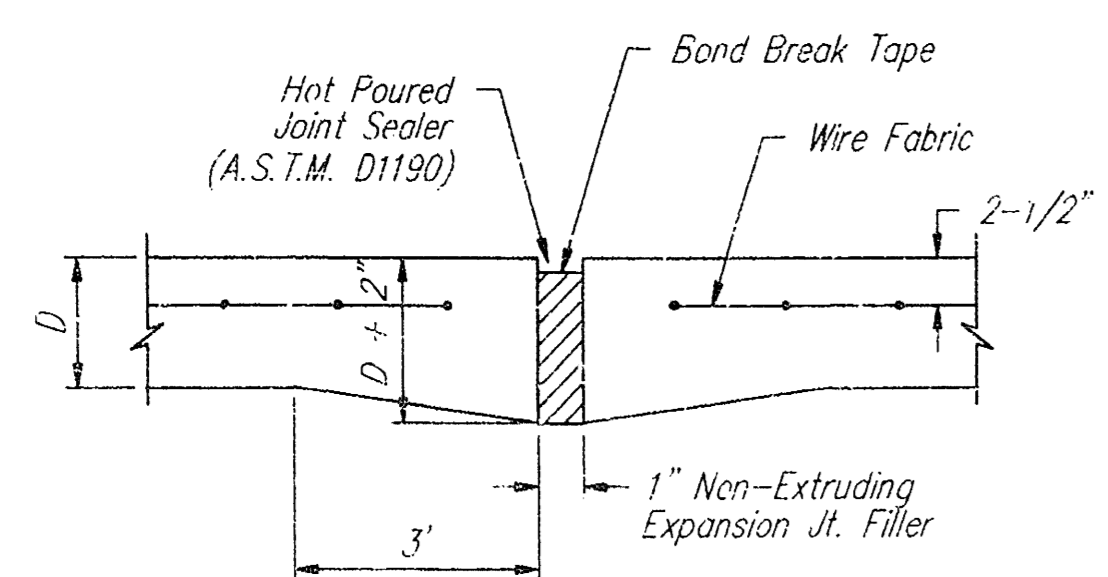
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BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC CONTROLS FOR LINE AND GRADE.

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.

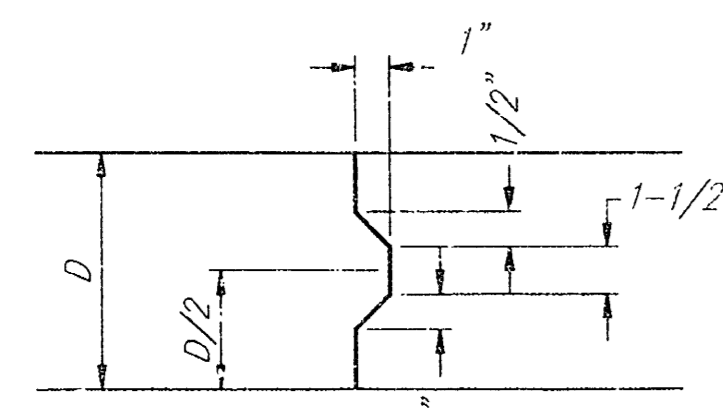
CONTRACTOR TO BID ONLY ONE SUBGRADE TREATMENT ALTERNATE WHEN ALTERNATES ARE PROVIDED IN THE PROPOSAL AND CONTRACT. THE ALTERNATE CHOSEN BY THE SUCCESSFULL BIDDER SHALL BE USED IN CONSTRUCTING THIS PROJECT.

7 INCH Residential Asphaltic Concrete Pavement with 5 INCH Bituminous Base City of Wichita, Kansas			
BAUGHMAN COMPANY P. A. ENGINEERING & SURVEYING 316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211			REV.
PROJECT NUMBER 472 76 245 82252 000 000 001			
DESIGN	DRAWN	APPROVED	DATE 1-14-23
			SHEET 5 OF 16

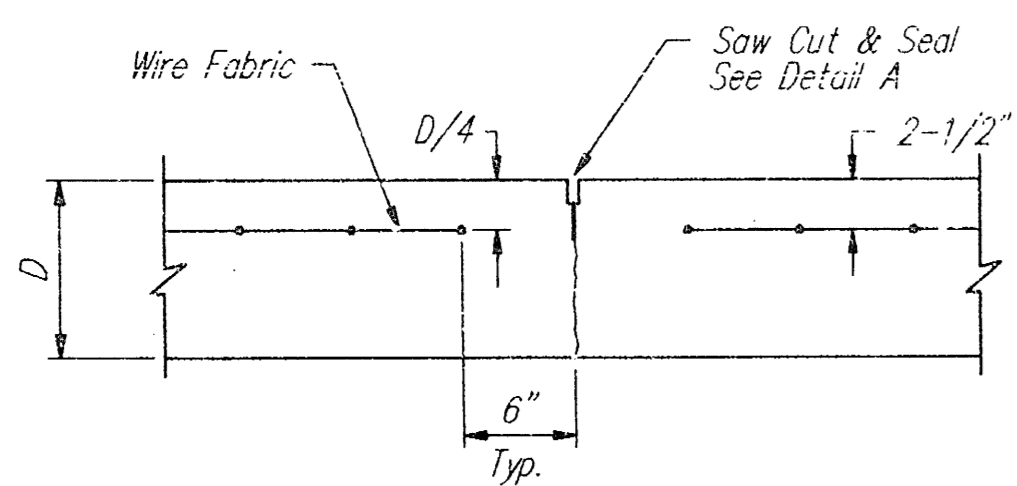


EXPANSION JOINT

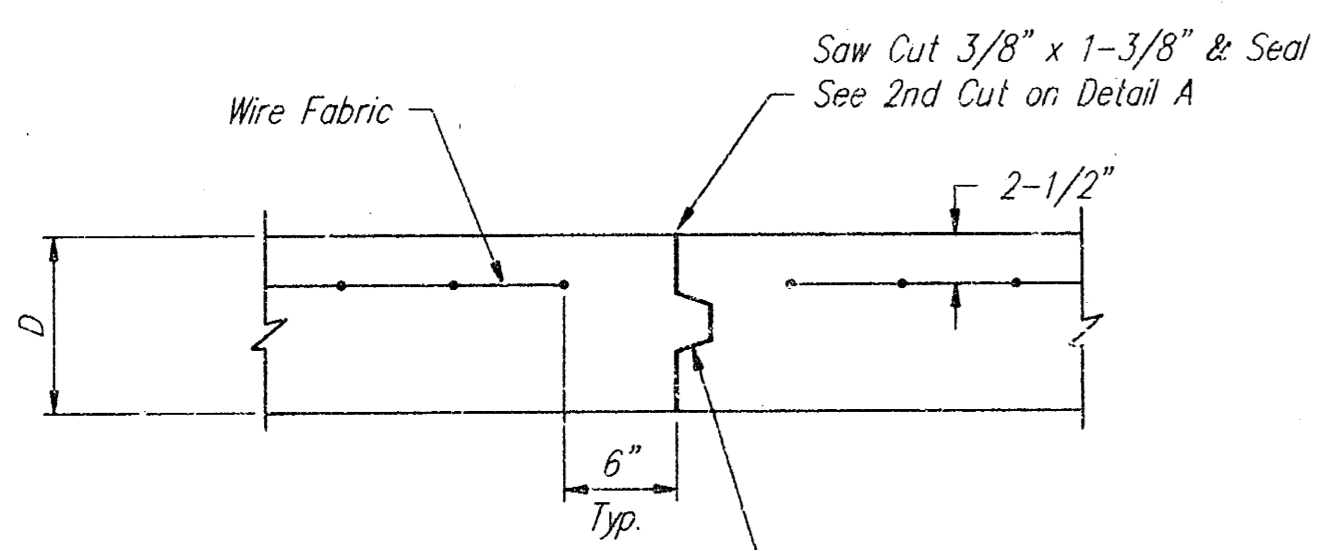
NOTE: Extra Thickness to be Subsidiary to Price of Square Yards Pavement



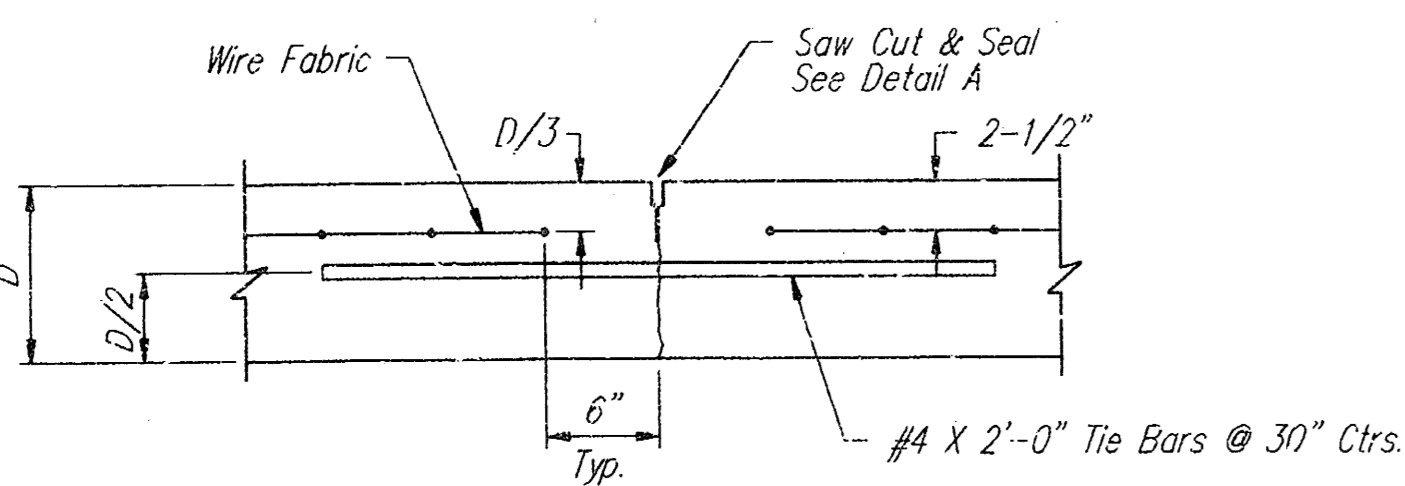
KEYWAY DETAIL



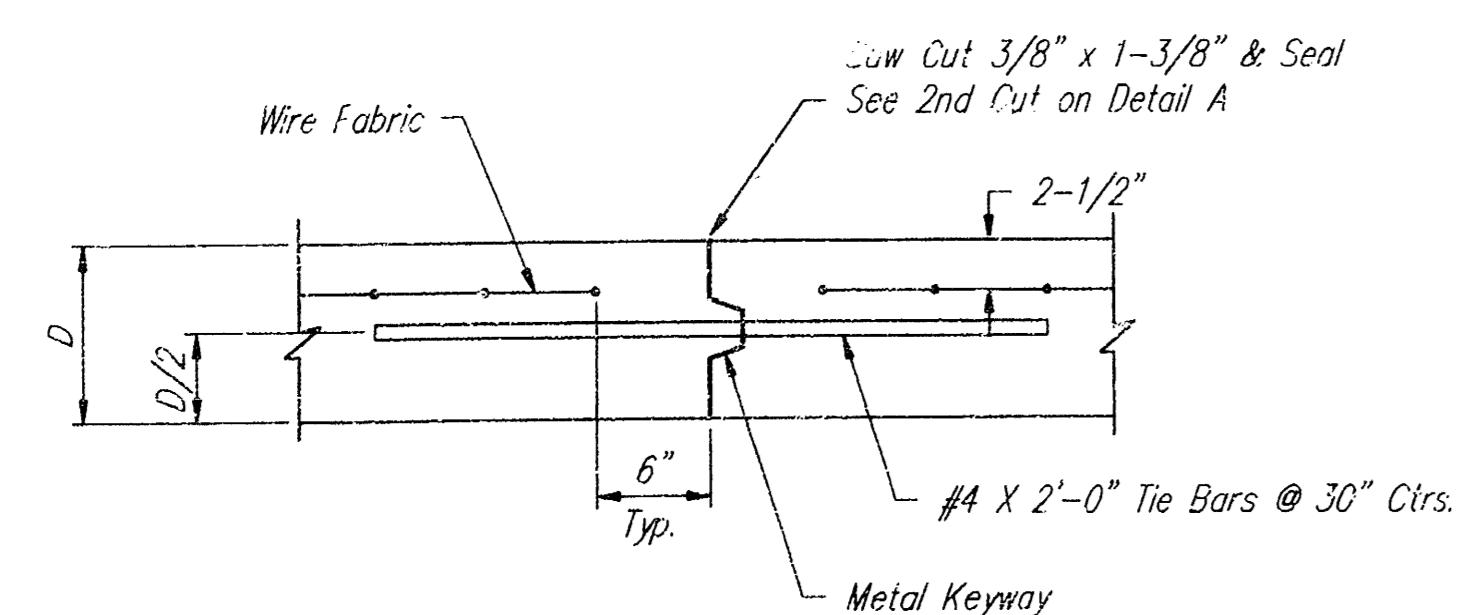
CONTRACTION JOINT DETAIL (C.J.)



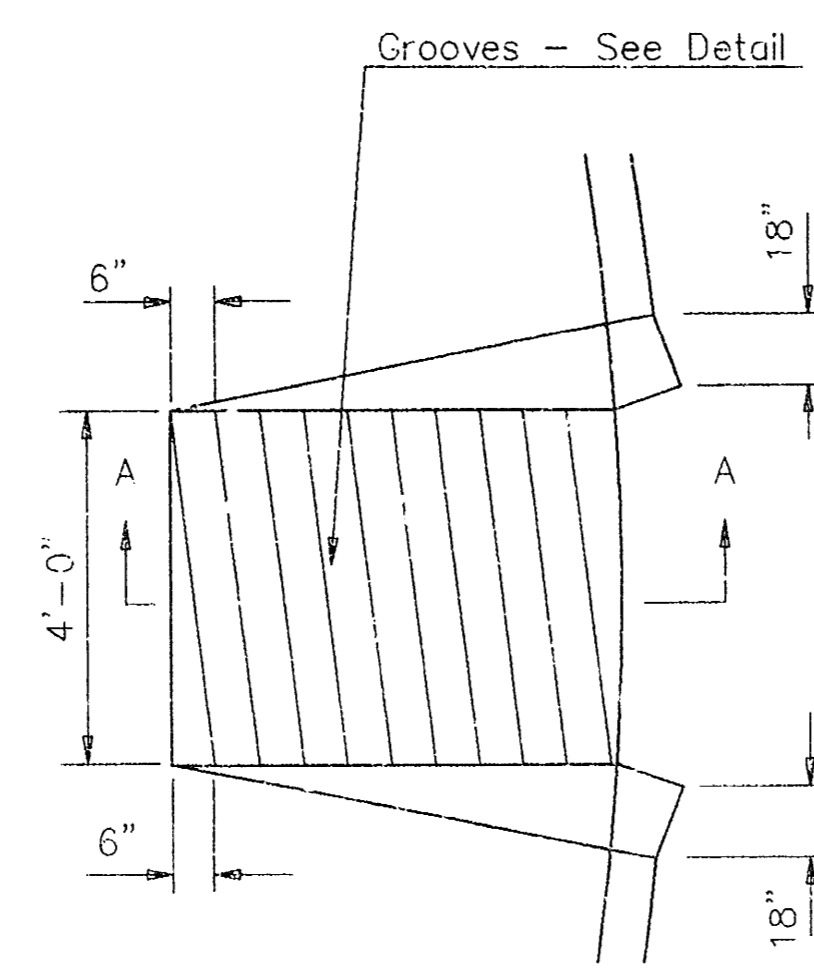
OPTIONAL CONTRACTION JOINT (CONSTRUCTION JOINT)



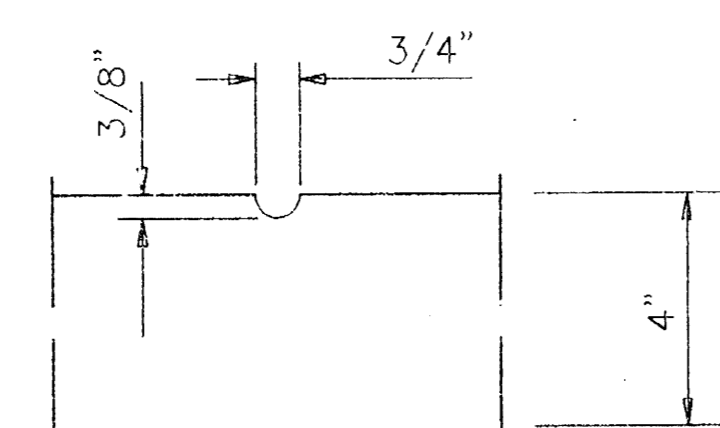
LONGITUDINAL JOINT DETAIL (L.J.)



OPTIONAL LONGITUDINAL JOINT DETAIL (L.J.) (CONSTRUCTION JOINT)

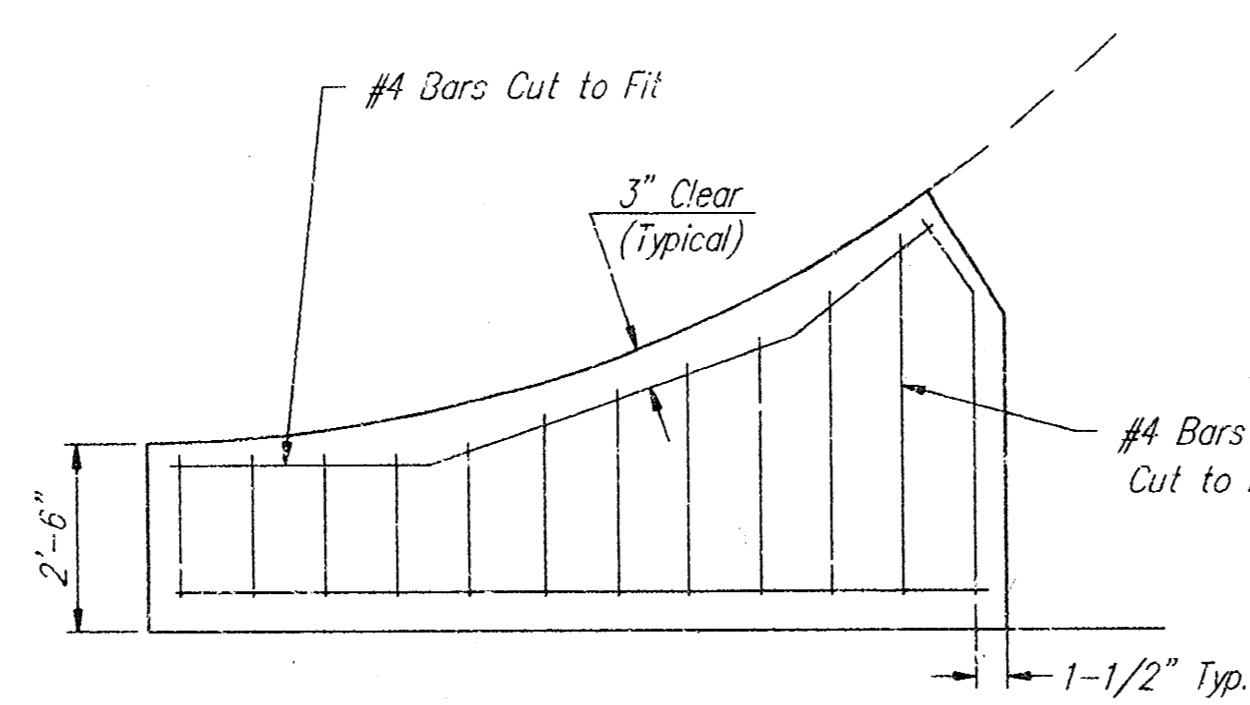


WHEELCHAIR RAMP PLAN VIEW

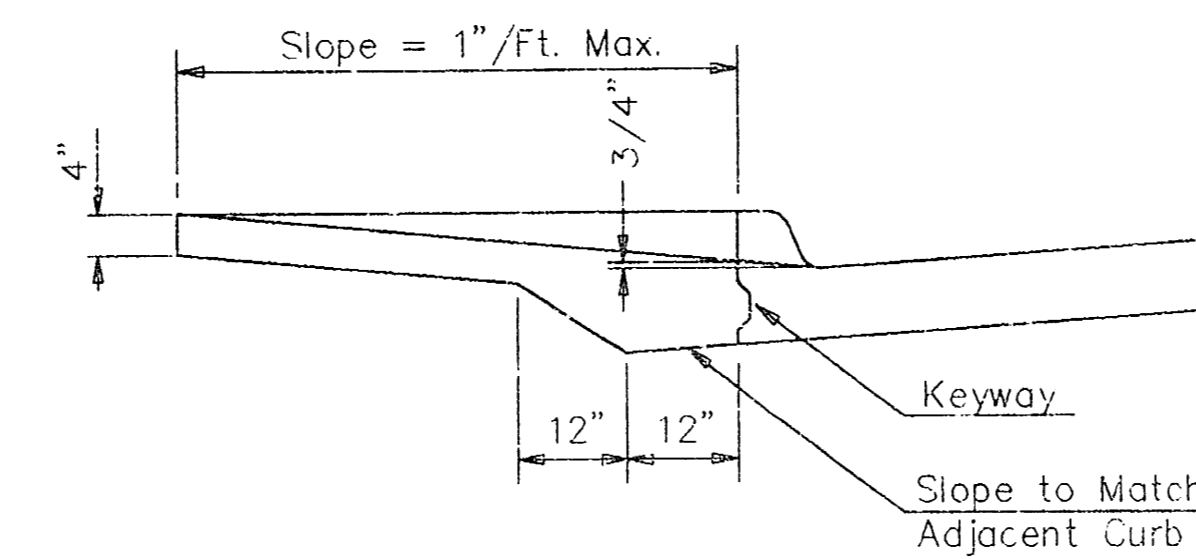


GROOVE DETAIL

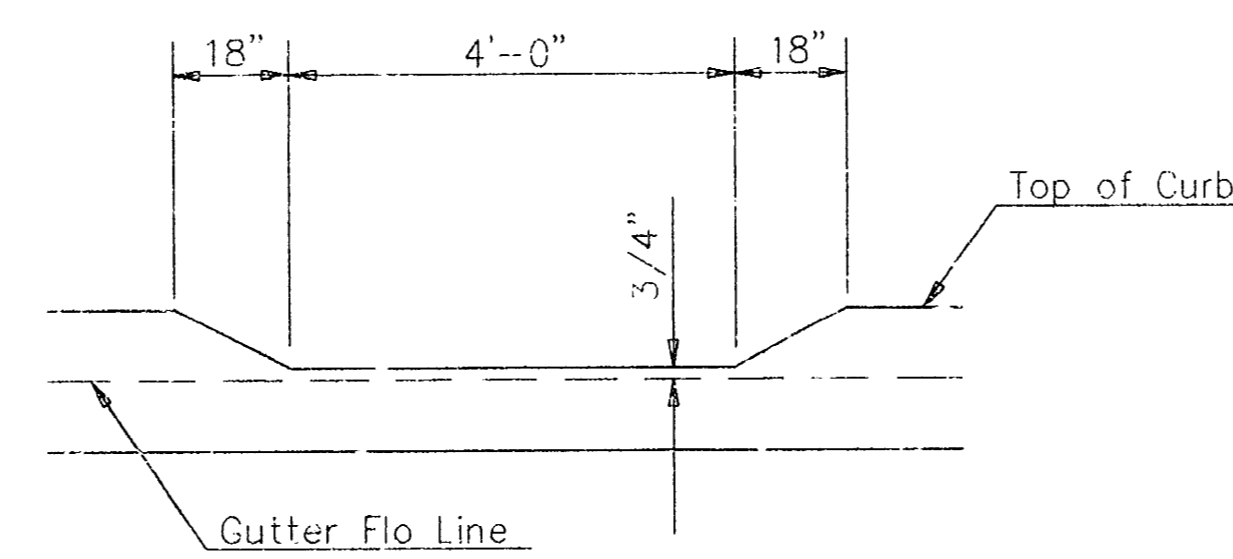
WHEELCHAIR RAMP DETAIL



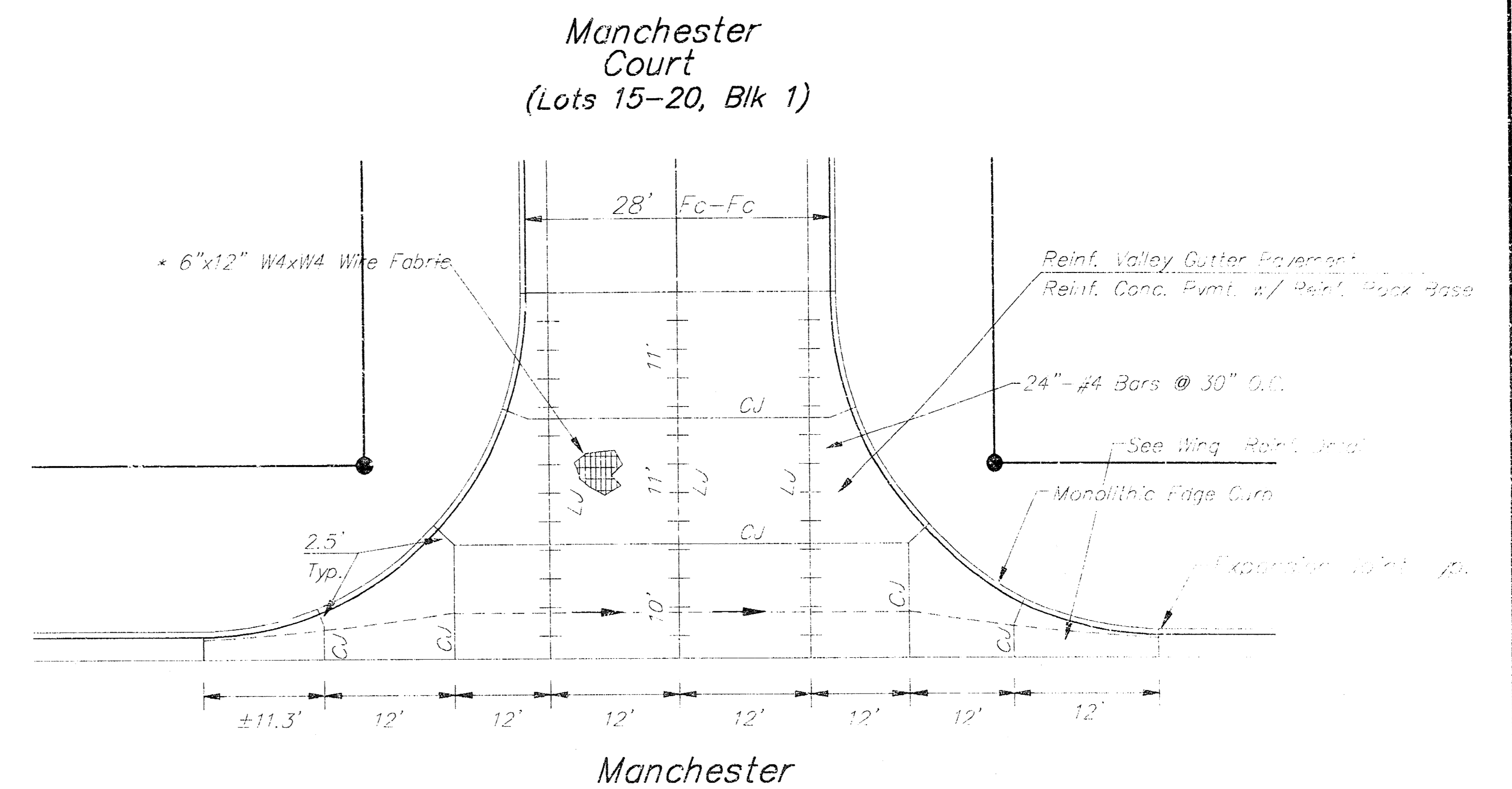
WING REINFORCING DETAIL



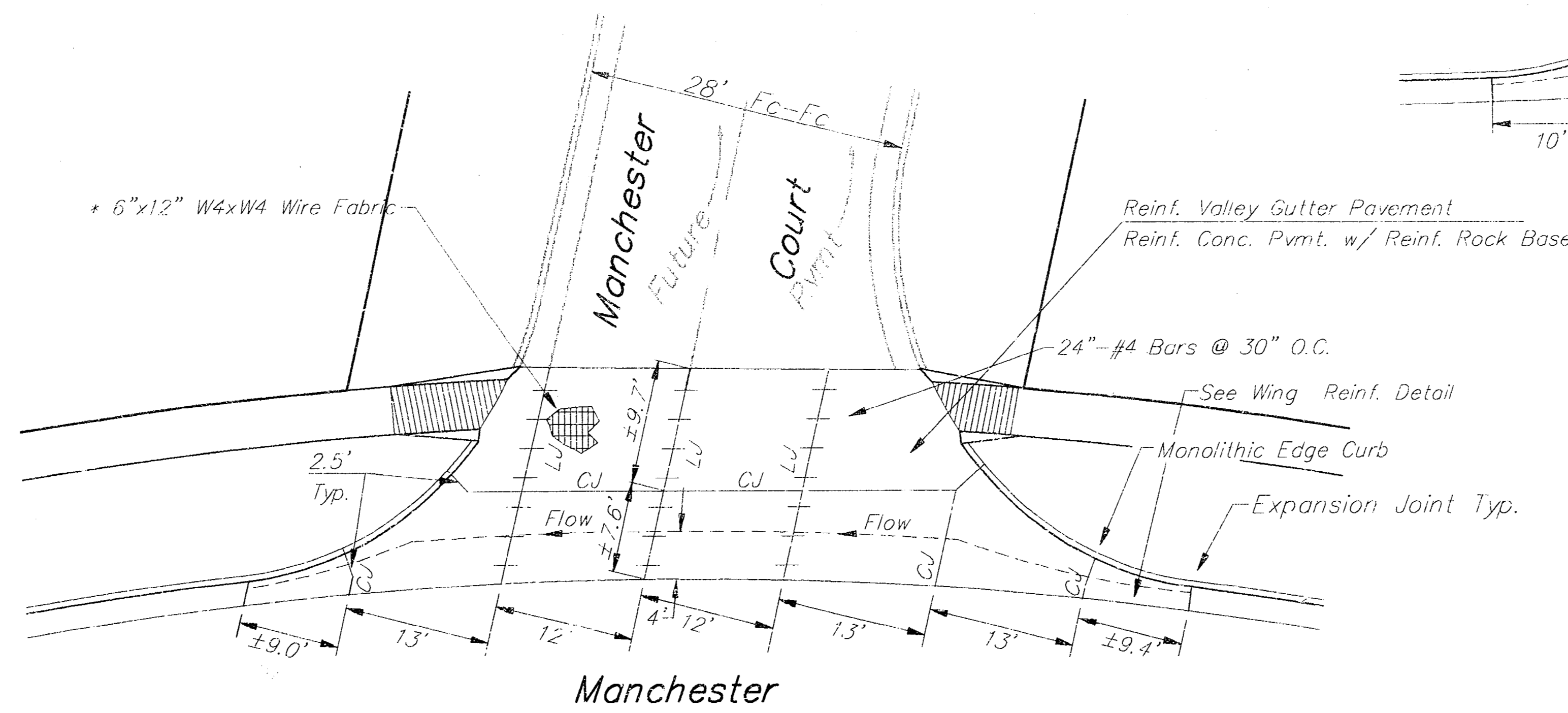
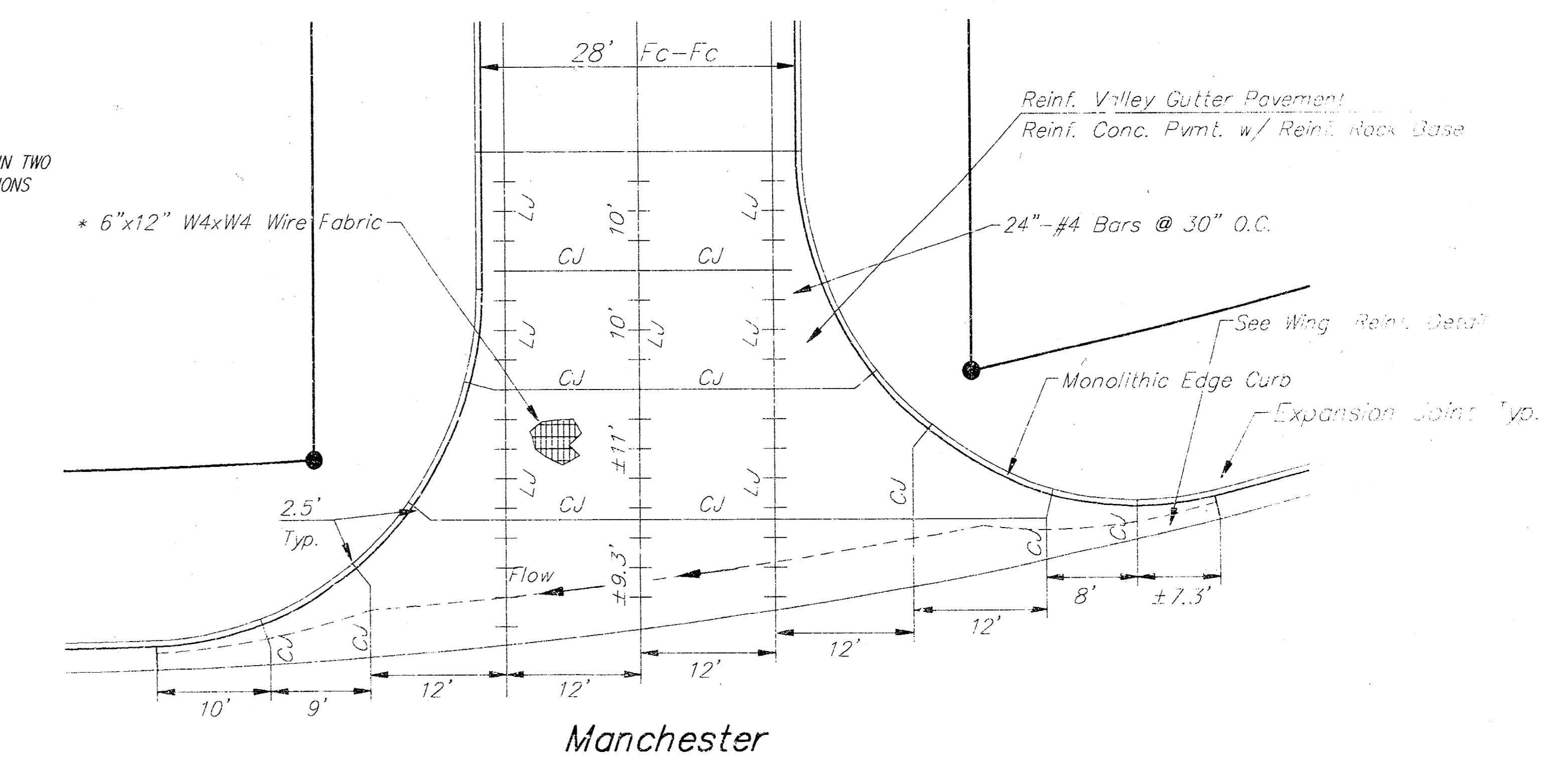
SECTION A-A



DEPRESSED CURB DETAIL



Manchester Court (Lots 4-15, Blk 2)



Note:
6"x12" W4xW4 wire fabric reinforcing shall be placed such that the wires with the 6" spacing will run parallel with the longitudinal joint.

VALLEY GUTTER DETAILS					
BAUGHMAN COMPANY P. A. ENGINEERING & SURVEYING 316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211					REV.
PROJECT NUMBER 472-76-245-82252-000-001					SHEET 6
DESIGN	DRAWN	APPROVED	DATE	SCALE	OF 16
			1-14-73	NONE	

BENCHMARK:

□ Top of So. Curb 15' E. of End of Existing Pmt on Harvest Lane & 15' E. of NW Cor. Lot 28, Blk. 3, Arlington Place 2nd. Elev. = 154.44

□ Top of W. Curb Opposite P.C. Lot 1, Blk. 1, Arlington Place 2nd. Elev. = 156.77

□ Top of E. Curb 17' ± SW of NW Cor. Lot 4, Blk. 2, Arlington Place 2nd. Elev. = 153.77

CURVE #1
Curve Data Based on Centerline
Rad. = 258.69' Delta = 28°00'00" Tangent = 64.75'
Arc = 126.91' L.C. = 123.65' Def/Ft. = 6.61886 Min.

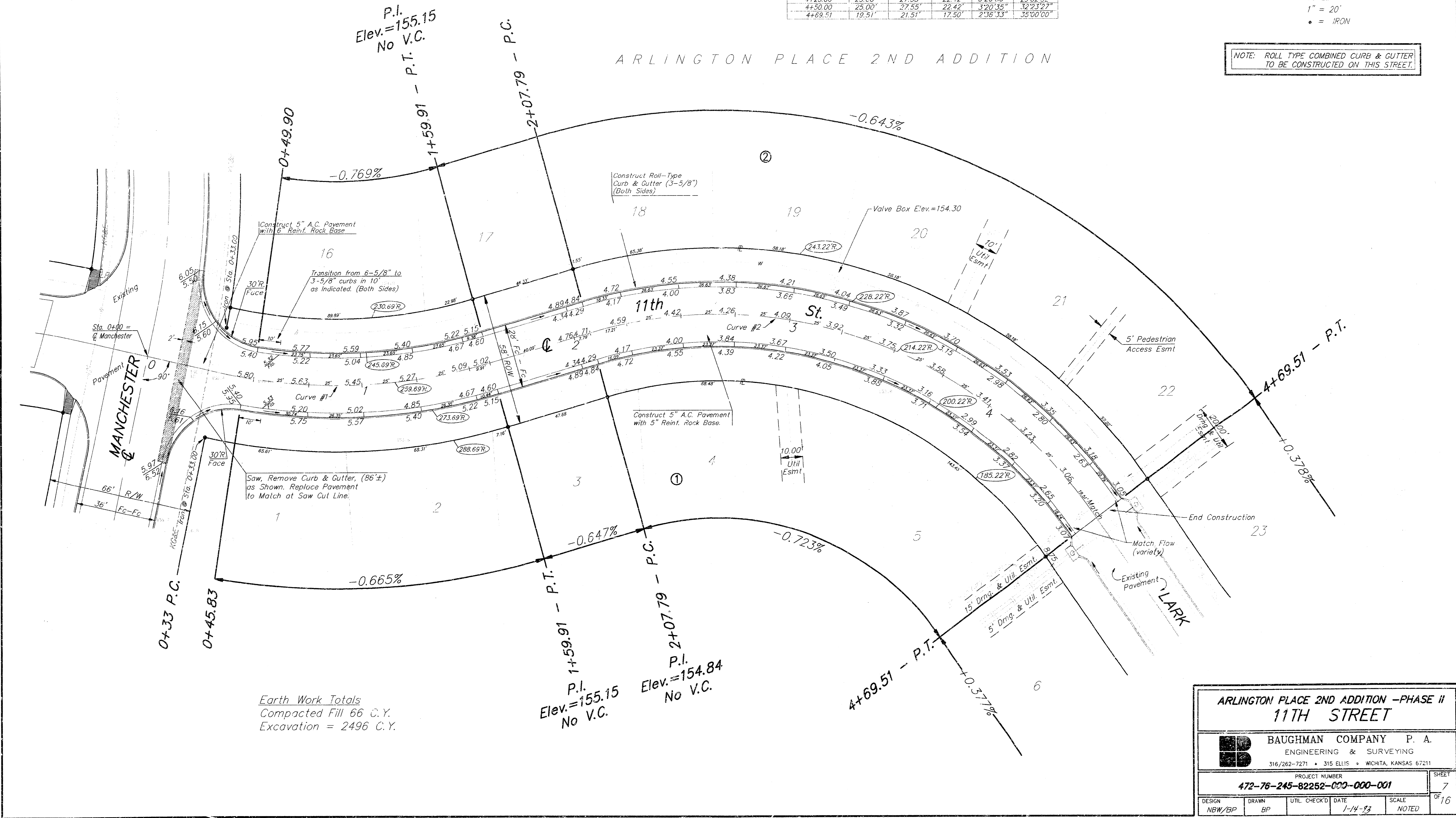
Station	FACE CHORD LENGTHS		Defl.	T. Defl.	
	8 Lt.	8 Rt.			
0+33.00	-	-	0°00'00"	0°00'00"	
0+45.83	12.83'	11.74'	1°24'55"	1°24'55"	
0+49.90	4.07'	3.73'	4.42'	0°26'57"	1°51'52"
0+75.00	25.10'	22.96'	27.22'	2°46'08"	4°38'00"
1+00.00	25.00'	22.87'	27.11'	2°45'28"	7°23'28"
1+25.00	25.00'	22.87'	27.11'	2°45'28"	10°08'56"
1+50.00	25.00'	22.87'	27.11'	2°45'28"	12°54'24"
1+59.91	9.91'	9.07'	10.75'	1°15'36"	14°00'00"

CURVE #2
Curve Data Based on Centerline
Rad. = 214.22' Delta = 70°00'00" Tangent = 150.00'
Arc = 261.72' L.C. = 245.74' Def/Ft. = 8.02384 Min.

Station	FACE CHORD LENGTHS		Defl.	T. Defl.	
	8 Lt.	8 Rt.			
2+07.79	-	-	0°00'00"	0°00'00"	
2+25.00	17.21'	18.97'	15.44'	2°18'05"	2°18'05"
2+50.00	25.00'	27.55'	22.42'	3°20'36"	5°38'41"
2+75.00	25.00'	27.55'	22.42'	3°20'36"	8°59'17"
3+00.00	25.00'	27.55'	22.42'	3°20'36"	12°19'53"
3+25.00	25.00'	27.55'	22.42'	3°20'36"	15°40'28"
3+50.00	25.00'	27.55'	22.42'	3°20'36"	19°01'04"
3+75.00	25.00'	27.55'	22.42'	3°20'36"	22°21'40"
4+00.00	25.00'	27.55'	22.42'	3°20'36"	25°42'16"
4+25.00	25.00'	27.55'	22.42'	3°20'36"	29°02'52"
4+50.00	25.00'	27.55'	22.42'	3°20'36"	32°23'27"
4+69.51	19.51'	19.51'	17.50'	2°36'33"	35°00'00"

SCALE:
1" = 20'
• = IRON

NOTE: ROLL TYPE COMBINED CURB & GUTTER TO BE CONSTRUCTED ON THIS STREET.



Earth Work Totals
Compacted Fill 66 C.Y.
Excavation = 2496 C.Y.

P.I. Elev. = 155.15
No V.C.

P.I. Elev. = 154.84
No V.C.

ARLINGTON PLACE 2ND ADDITION - PHASE II
11TH STREET

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

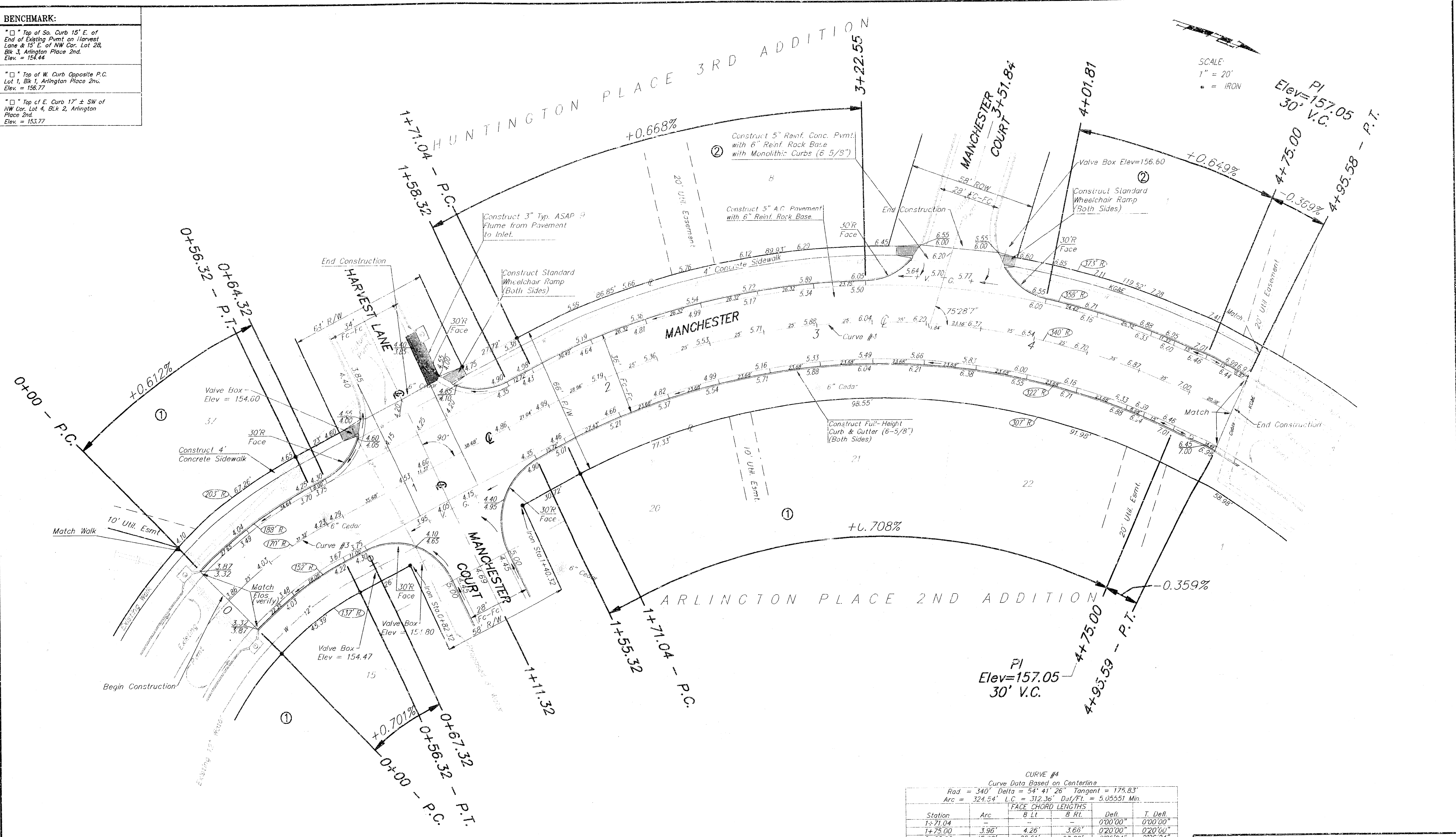
PROJECT NUMBER
472-76-245-82252-000-000-001

DESIGN: NBW/BP DRAWN: BP UTIL. CHECK'D: DATE: 1-14-93 SCALE: NOTED

SHEET 7 OF 16

BENCHMARK:

- Top of So. Curb 15' E. of End of Existing Pkwt on Harvest Lane & 15' E. of NW Cor. Lot 26, Blk 3, Arlington Place 2nd. Elev. = 154.44
- Top of W. Curb Opposite P.C. Lot 1, Blk 1, Arlington Place 2nd. Elev. = 156.77
- Top of E. Curb 17' ± SW of NW Cor. Lot 4, Blk 2, Arlington Place 2nd. Elev. = 153.77



SCALE:
1" = 20'
• = IRON

CURVE #3
Curve Data Based on Centerline
Rad = 170' Delta = 18° 58' 58" Tangent = 28.42'
Arc = 56.32' L.C. = 56.07' Del/Fl = 10.1116 Min.

Station	Arc	FACE CHORD LENGTHS		Defl	T. Defl
		B Lt.	B Rt.		
0+00.00	25.00'	28.80'	21.16'	412.47"	412.47"
0+25.00	25.00'	28.80'	21.16'	412.48"	825.35"
0+50.00	25.00'	28.80'	21.16'	412.48"	1237.99"
0+56.32	6.32'	7.29'	5.35'	103.54"	92.99"

CURVE #4
Curve Data Based on Centerline
Rad = 340' Delta = 54° 41' 26" Tangent = 175.83'
Arc = 324.54' L.C. = 312.36' Del/Fl = 5.05551 Min.

Station	Arc	FACE CHORD LENGTHS		Defl	T. Defl
		B Lt.	B Rt.		
1+71.04	3.96'	4.26'	3.66'	020.00"	020.00"
1+75.00	25.00'	26.91'	23.09'	206.24"	226.24"
2+00.00	25.00'	26.91'	23.09'	206.24"	432.48"
2+25.00	25.00'	26.91'	23.09'	206.24"	639.11"
2+50.00	25.00'	26.90'	23.08'	206.23"	845.34"
2+75.00	25.00'	26.91'	23.09'	206.24"	1051.58"
3+00.00	25.00'	26.91'	23.09'	206.24"	1257.82"
3+22.55	22.55'	24.27'	20.92'	154.00"	1245.58"
3+25.00	2.45'	2.64'	2.26'	012.23"	1258.21"
3+50.00	25.00'	26.90'	23.08'	206.23"	1504.44"
3+75.00	25.00'	26.90'	23.08'	206.23"	1711.07"
4+00.00	25.00'	26.91'	23.09'	206.24"	1917.31"
4+01.81	1.81'	1.95'	1.67'	009.09"	1926.40"
4+25.00	23.19'	24.36'	21.41'	157.14"	2123.54"
4+50.00	25.00'	26.90'	23.08'	206.23"	2330.17"
4+75.00	25.00'	26.90'	23.08'	206.23"	2536.40"
4+95.58	20.58'	22.15'	19.00'	144.03"	2720.43"

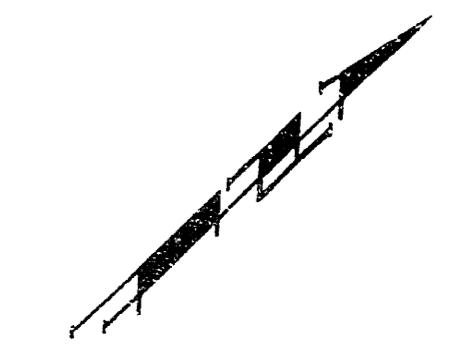
**ARLINGTON PLACE 2ND ADDITION - PHASE II
MANCHESTER**

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

PROJECT NUMBER: **472-76-245-82252-000-000-001**

DESIGN: NBW/BP DRAWN: BP UTIL CHECK: DATE: 1-14-93 SCALE: NOTED SHEET: 8 OF 16

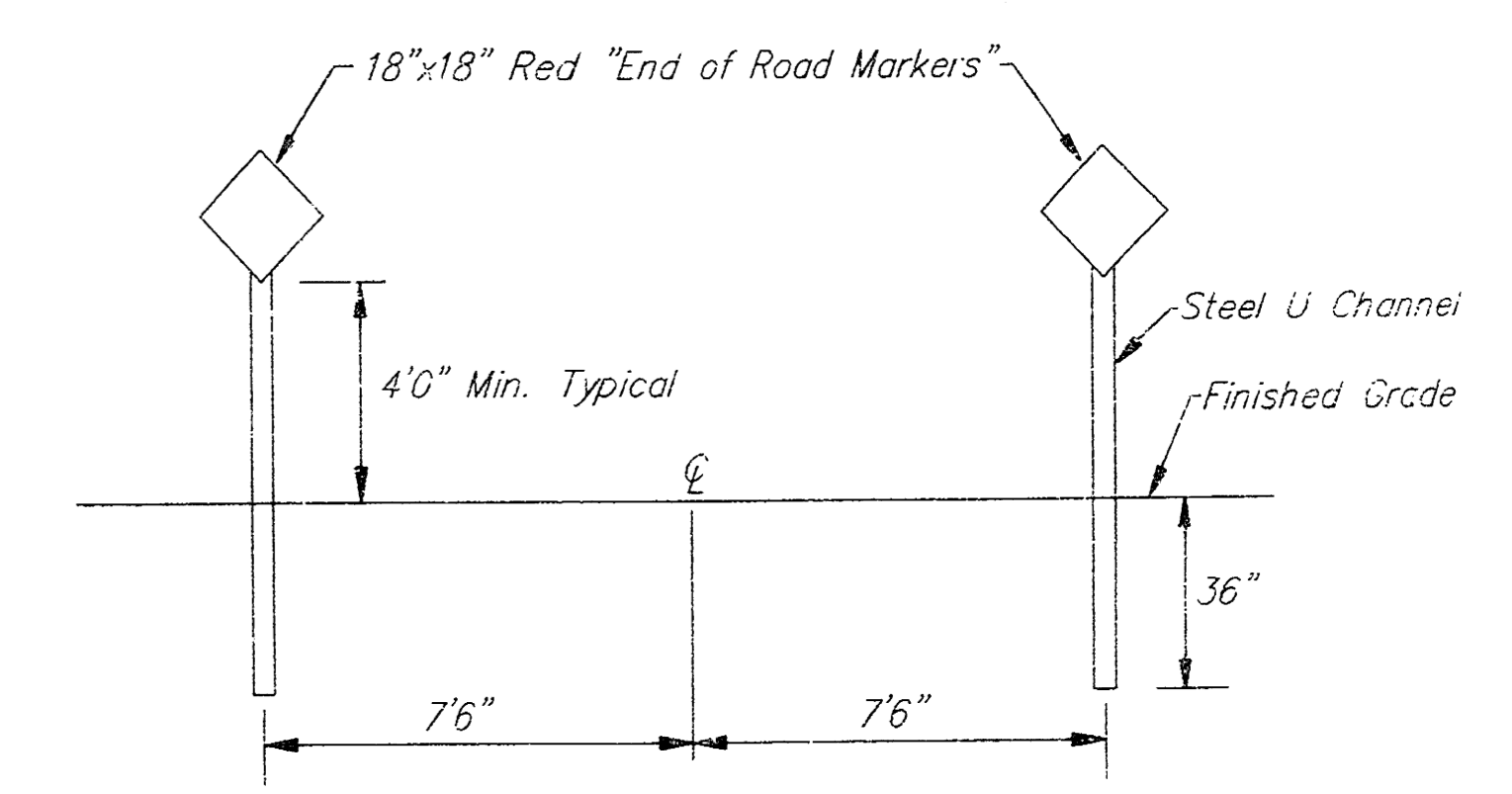
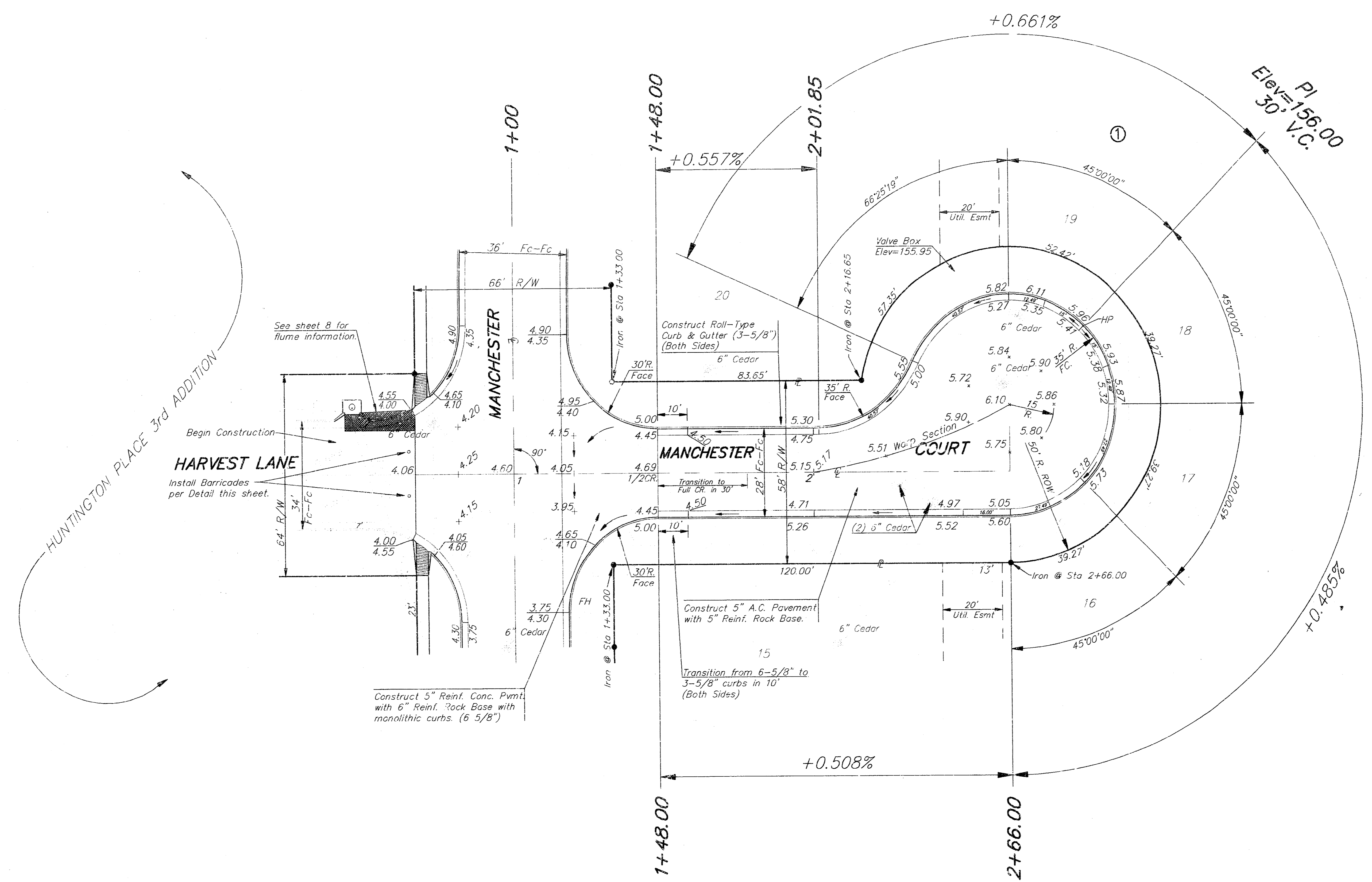
BENCHMARK:	
□	Top of So. Curb 15' E. of End of Existing Pymt on Harvest Lane & 15' E. of NW Cor. Lot 28, Blk. 3, Arlington Place 2nd. Elev. = 154.44
□	Top of W. Curb Opposite P.C. Lot 1, Blk. 1, Arlington Place 2nd. Elev. = 156.77
□	Top of E. Curb 17' ± SW of NW Cor. Lot 4, Blk. 2, Arlington Place 2nd. Elev. = 153.77



SCALE:
1" = 20'
• = IRON

NOTE: ROLL TYPE COMBINED CURB & GUTTER TO BE CONSTRUCTED ON THIS STREET.

ARLINGTON PLACE 2ND ADDITION



Barricade Detail

PI
Elev=155.60
No V.C.

ARLINGTON PLACE ADDITION - PHASE II MANCHESTER COURT			
BAUGHMAN COMPANY P. A. ENGINEERING & SURVEYING <small>316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211</small>			
PROJECT NUMBER 472-76-245-82252-000-000-001			
DESIGN NBW/BP	DRAWN BP	UTIL. CHECK'D DATE 1-14-93	SCALE NOTED
SHEET OF 9			16

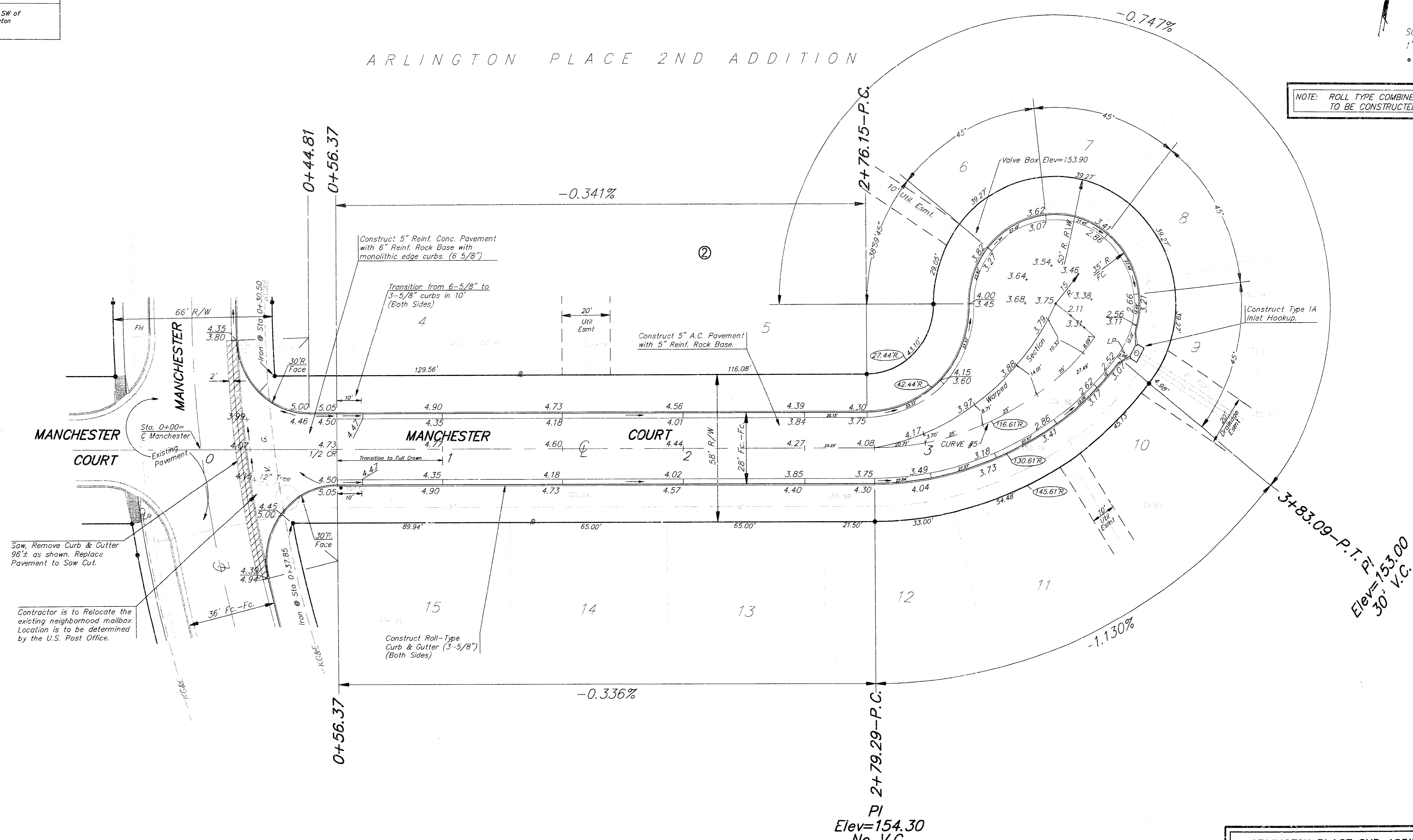
AR22/MAN02/2

BENCHMARK:

- Top of So. Curb 15' E. of End of Existing Pmt on Harvest Lane & 15' E. of NW Cor. Lot 28, Blk 3, Arlington Place 2nd. Elev. = 154.44
- Top of W. Curb Opposite P.C. Lot 1, Blk 1, Arlington Place 2nd. Elev. = 156.77
- Top of E. Curb 17' ± SW of NW Cor. Lot 4, Blk 2, Arlington Place 2nd. Elev. = 153.77

SCALE:
1" = 20'
• = IRON

NOTE: ROLL TYPE COMBINED CURB & GUTTER TO BE CONSTRUCTED ON THIS STREET.



Manchester Court
Sta. 0+00 = C Manchester
Existing Pavement
Saw, Remove Curb & Cutter 96'± as shown. Replace Pavement to Saw Cut.

Contractor is to Relocate the existing neighborhood mailbox. Location is to be determined by the U.S. Post Office.

Construct 5" Reinf. Conc. Pavement with 6" Reinf. Rock Base with monolithic edge curbs. (6 5/8")

Transition from 6-5/8" to 3-5/8" curbs in 10' (Both Sides)

Construct 5" A.C. Pavement with 5" Reinf. Rock Base.

Construct Roll-Type Curb & Gutter (3-5/8") (Both Sides)

PI
Elev=154.30
No V.C.

CURVE #5
Curve Data Based on Centerline
Rad. = 116.61' Delta = 31°00'00" Tangent = 55.62'
Arc = 103.8' L.C. = 100.40' Def/Fl. = 14.7399 Min.

Station	Arc	FACE CHORD LENGTHS	Defl.	T. Defl.
		B Rt.		
2+79.29	-	-	0°00'00"	0°00'00"
3+00.00	20.71	24.58'	5°05'16"	5°05'16"
3+25.00	25.00'	29.66'	6°08'30"	11°13'46"
3+50.00	25.00'	29.66'	6°08'29"	17°22'15"
3+75.00	25.00'	29.66'	6°08'30"	23°30'45"
3+83.09	8.09'	9.61'	1°59'15"	25°30'00"

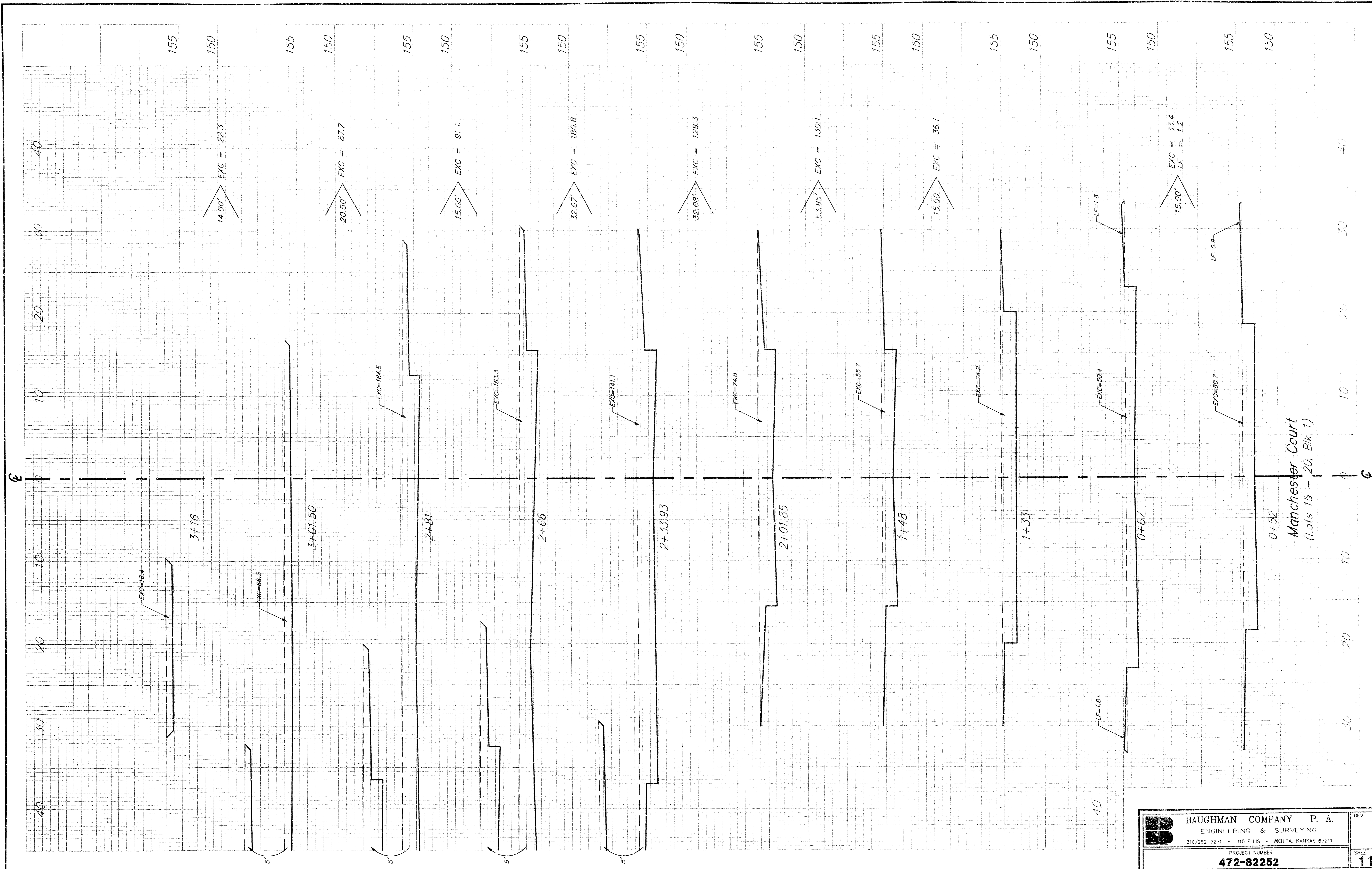
ARLINGTON PLACE 2ND ADDITION - PHASE II
MANCHESTER COURT

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

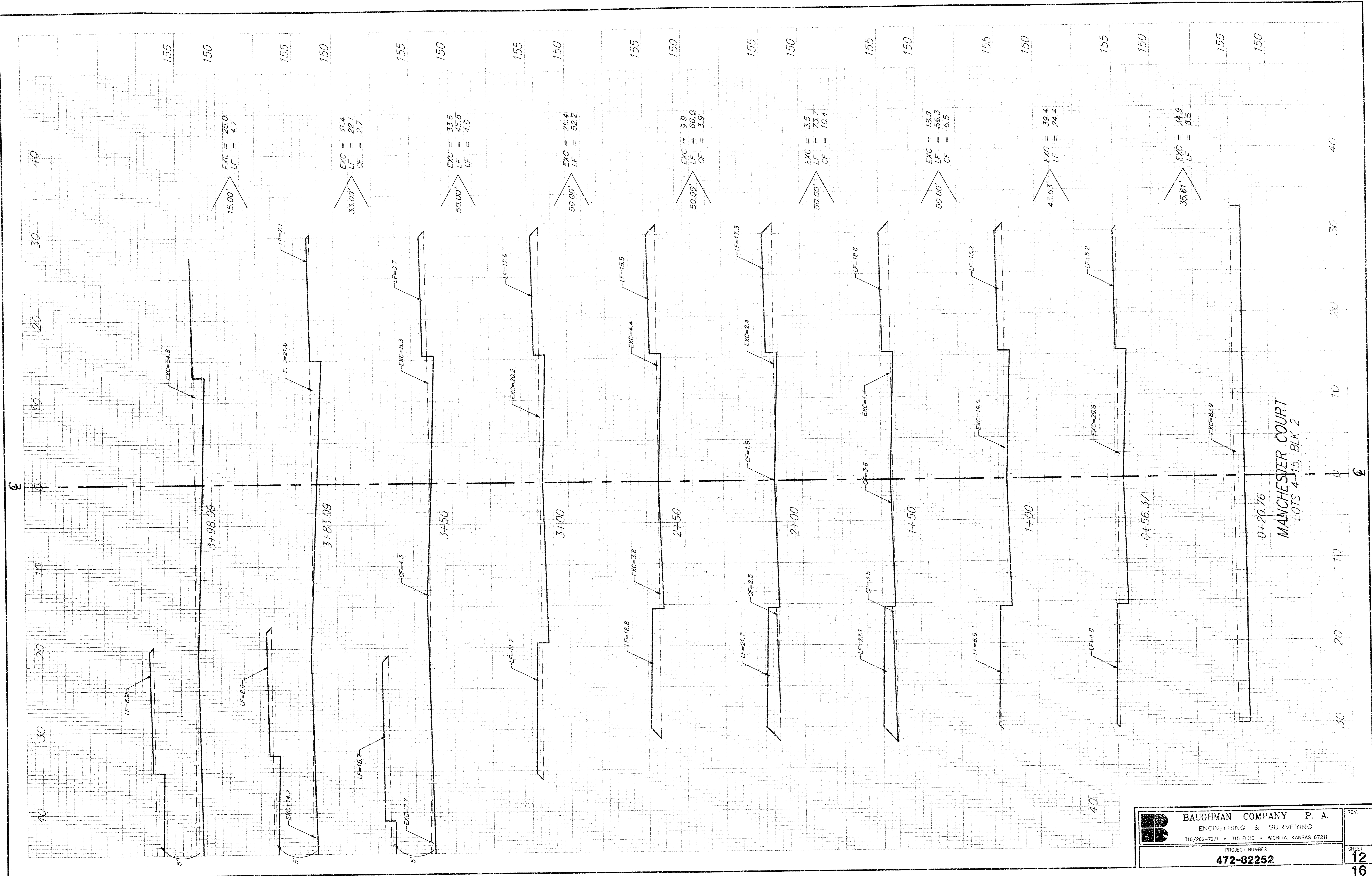
PROJECT NUMBER
472-76-245-82252-000-001

DESIGN: NBW/BP DRAWN: BP UTIL CHECK'D: DATE: 1-14-73 SCALE: NOTED

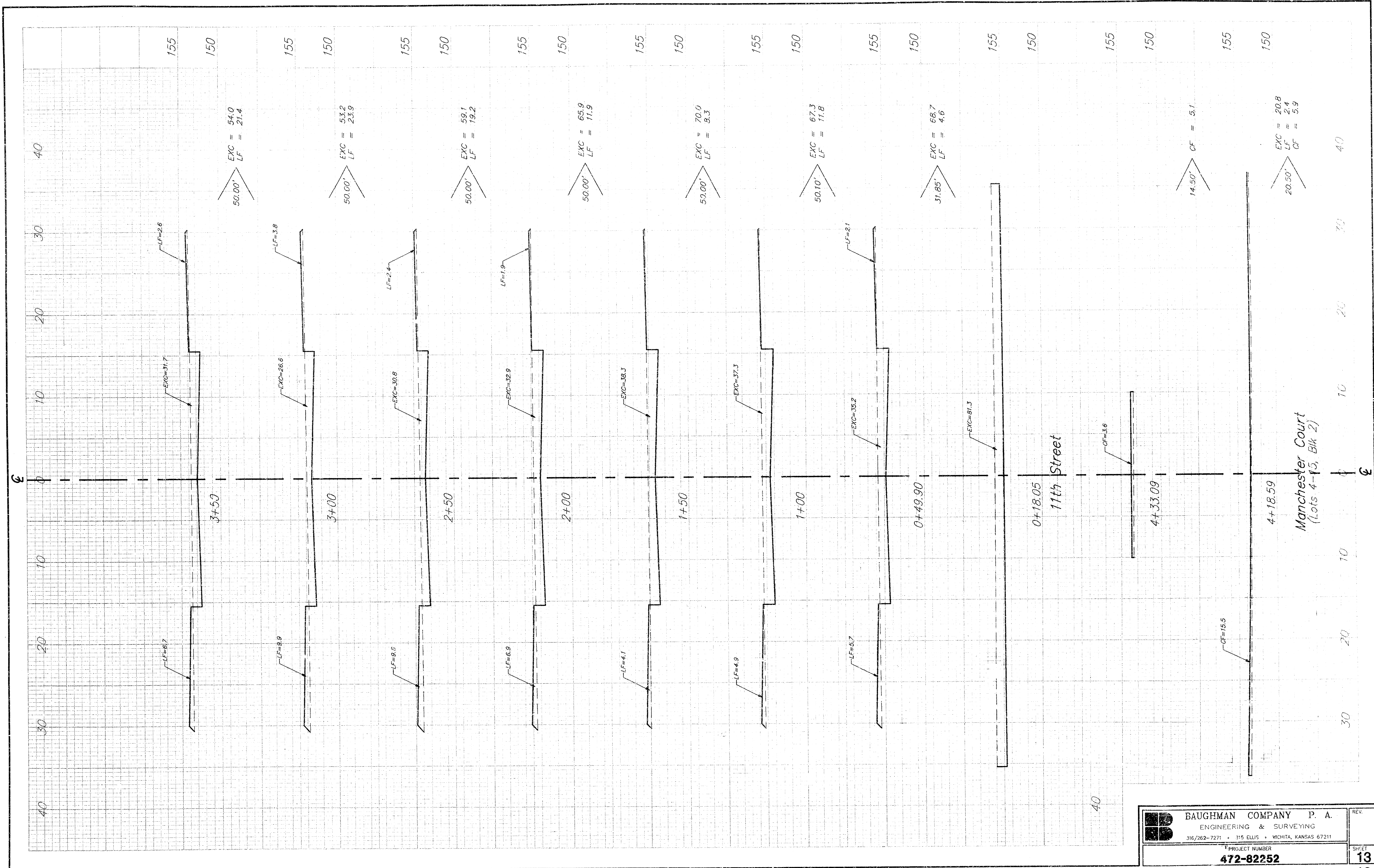
SHEET 10 OF 16




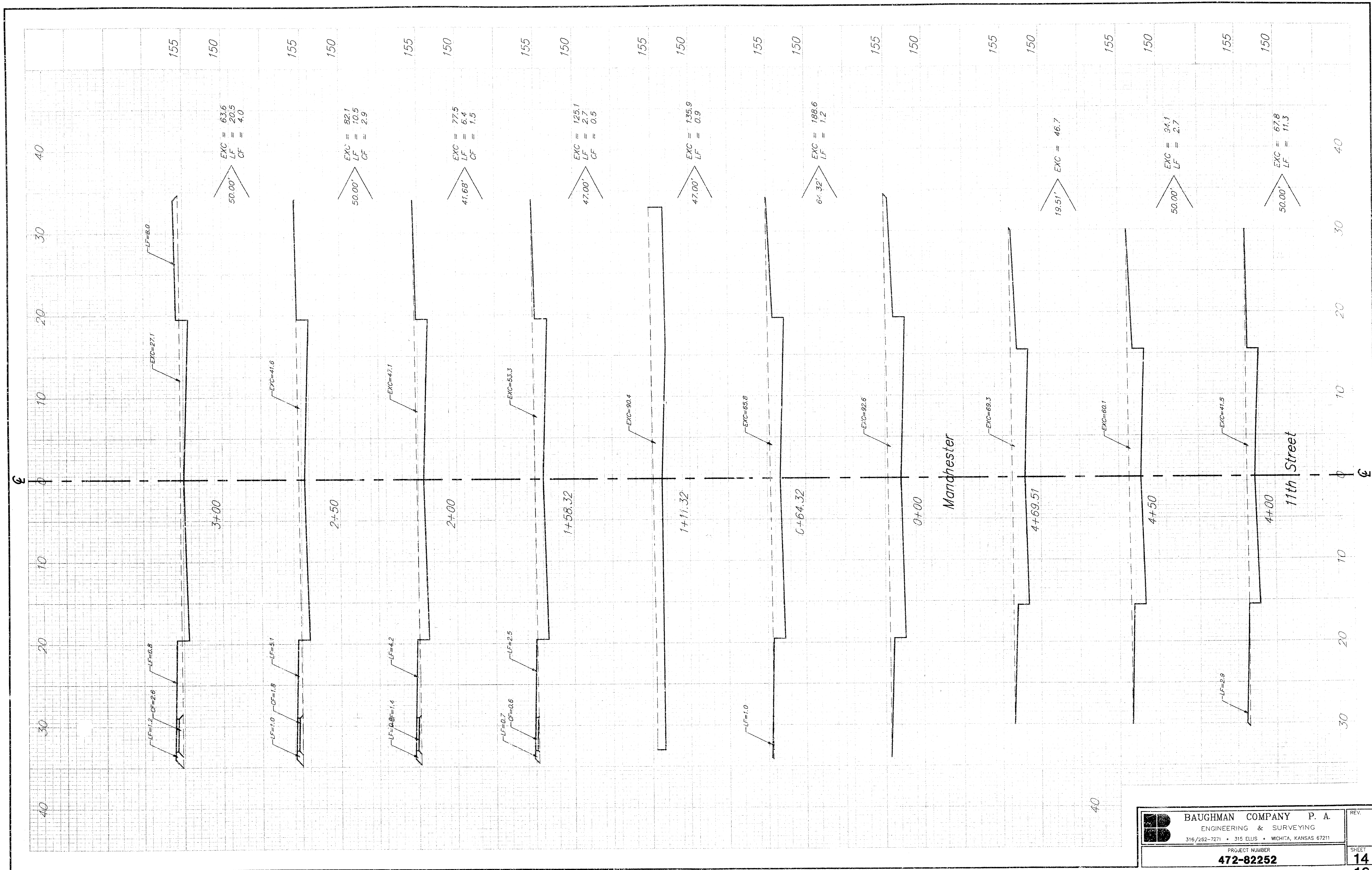
 BAUGHMAN COMPANY P. A. ENGINEERING & SURVEYING 316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211	REV
	PROJECT NUMBER 472-82252
SHEET 11	

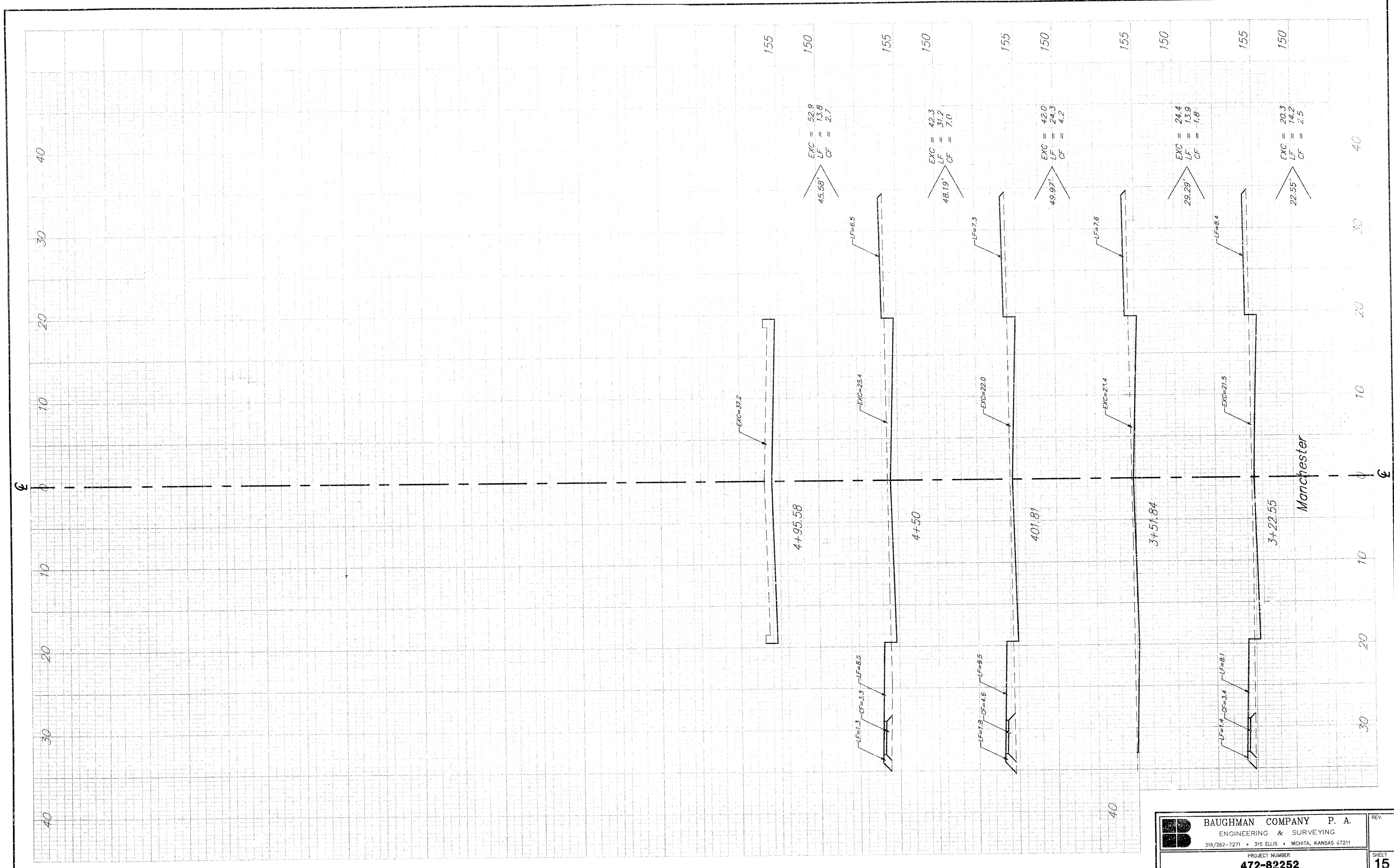


 BAUGHMAN COMPANY P. A. ENGINEERING & SURVEYING 316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211	REV.
	PROJECT NUMBER 472-82252
SHEET 12	REV.
16	



 BAUGHMAN COMPANY P. A. ENGINEERING & SURVEYING 316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211	REV.
	PROJECT NUMBER 472-82252
SHEET 13	REV. 16





ARLINGTON PLACE 2ND ADDITION

WICHITA, SEDGWICK COUNTY, KANSAS

Know all men by these presents, that we, the undersigned, have caused the land described in the surveyors certificate to be platted into Lots, Blocks, Streets and a Reserve to be known as "ARLINGTON PLACE 2ND ADDITION", Wichita, Sedgwick County, Kansas. The utility easements are hereby granted as indicated for the construction and maintenance of all public utilities. The storm sewer easements are hereby granted for storm sewer purposes. The K, G, & E. easements are hereby granted for the construction and maintenance of K, G, & E. electric lines. The pedestrian access easement is hereby granted for pedestrian access purposes and no fences or other obstructions can be placed within this easement. The streets are hereby dedicated to and for the use of the public. Reserve "A" is hereby reserved for drainage purposes, drainage structures, lakes, landscaping, sidewalks, gazebos, recreation facilities and for utilities confined to easements and Reserve "A" shall be owned and maintained by the homeowners association for the addition. Minimum Pad Elevations for lowest opening shall be as shown on the face of the plat.

Arlington Place, Inc., a Kansas Corporation
[Signature] President
 Randy Dean

State of Kansas) SS The foregoing instrument acknowledged before me, this 11 day of October, 1992, by Randy Dean, President of Arlington Place, Inc., a Kansas Corporation, on behalf of the corporation.

My App't. Exp. *[Signature]* Notary Public

We, the undersigned, holders of a mortgage on the above described property, do hereby consent to this plat of "ARLINGTON PLACE 2ND ADDITION", Wichita, Sedgwick County, Kansas.
[Signature] Vice-President
 Chris A. Anderson

State of Kansas) SS The foregoing instrument acknowledged before me, this day of , 1992, by Chris A. Anderson, Vice-President of State Bank of Colwich, on behalf of the corporation.

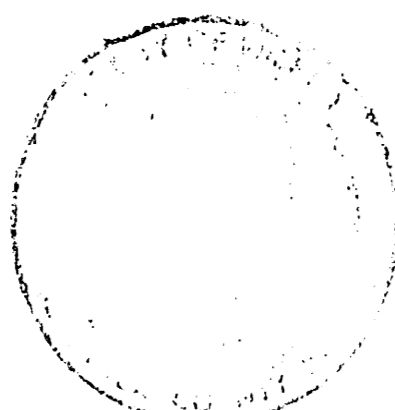
My App't. Exp. *[Signature]* Notary Public

This plat of "ARLINGTON PLACE 2ND ADDITION", Wichita, Sedgwick County, Kansas has been submitted to and approved by the Wichita-Sedgwick County Metropolitan Area Planning Commission, Wichita, Kansas.
 Dated this 10th day of October, 1992.
 Wichita-Sedgwick County Metropolitan Area Planning Commission



[Signature] Chairman
 George D. Sherman
[Signature] Secretary
 Marvin S. Krout

This plat approved and all dedications shown hereon accepted by the City Council of the City of Wichita, Kansas, this 16th day of October, 1992.



[Signature] Mayor
 Bob Knight
[Signature] Deputy City Clerk
 Pat Burnett

State of Kansas) SS This is to certify that this plat has been filed for record in the office of the Register of Deeds, this 11 day of October, 1992, at 9:00 o'clock P.M.; and is duly recorded.

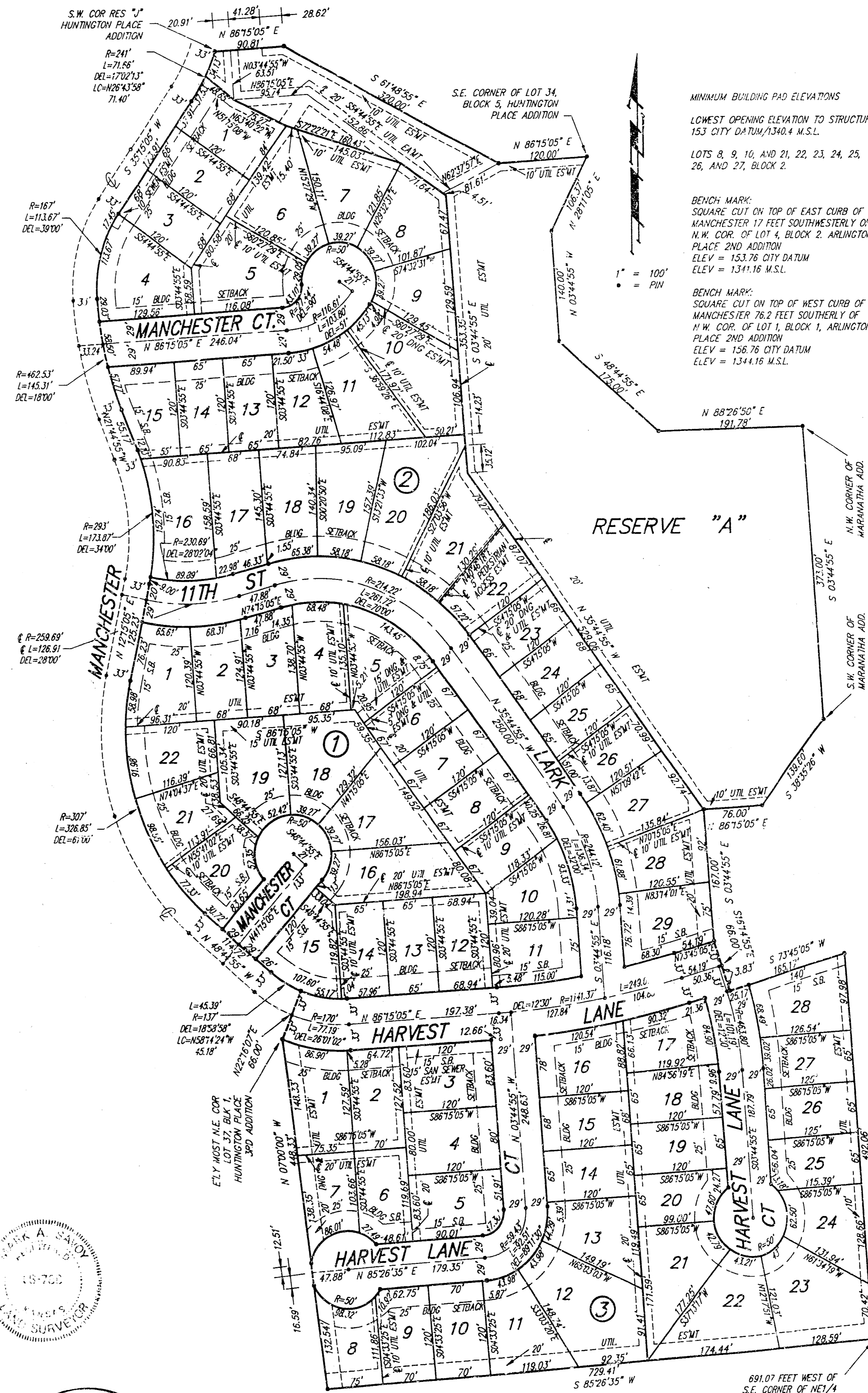
[Signature] Register of Deeds
 Pat Kettler
[Signature] Deputy
 Ed Resa-Phyllis Maranatha

State of Kansas) SS We, Baughman Company, P.A., Surveyors in aforesaid county and state do hereby certify that we have surveyed and platted "ARLINGTON PLACE 2ND ADDITION", Wichita, Sedgwick County, Kansas and that the accompanying plat is a true and correct exhibit of the property surveyed, as filed as follows: That part of the NE 1/4 of Sec. 18, Twp. 27-S, R-1-W of the 6th P.M., Sedgwick County, Kansas, described as beginning at the S.E. Corner of Lot 34, Block 5, Huntington Place Addition, an Addition to Wichita, Sedgwick County, Kansas; thence S 28°11'05" W, 106.37 feet, along the extension of the southeasterly line of said Lot 34; thence S 03°44'55" E, 140 feet; thence S 48°44'55" E, 175 feet to a point on the extended north line of Maranatha Addition, an Addition to Wichita, Sedgwick County, Kansas; thence N 88°26'50" E, 191.77 feet, along said extended line to the N.W. Corner of said Maranatha Addition; thence S 03°44'55" E, 373.00 feet, along the west line to the S.W. Corner of said Maranatha Addition and being the northerly most N.W. Corner of Arlington Place Addition to Wichita, Sedgwick County, Kansas; thence S 38°35'26" W, 139.60 feet, along the northwesterly line of said Arlington Place; thence S 86°15'05" W, 76.00 feet, along the north line of said Arlington Place to the westerly most N.W. Corner of said Arlington Place; thence S 03°44'55" E, 167.00 feet, along the west line of said Arlington Place; thence S 16°14'55" E, 66.00 feet, along the west line of said Arlington Place; thence N 73°45'05" E, 165.17 feet, along the south line of Harvest Lane in said Arlington Place; thence S 03°44'55" E, 492.06 feet, along the west line to the S.W. Corner of said Arlington Place and being a point on the south line of said NE 1/4; thence N 07°00'00" W, 300 feet to the S.E. Corner of Huntington Place Third Addition, an Addition to Wichita, Sedgwick County, Kansas; thence N 07°00'00" W, 148.33 feet, along the east line of said Huntington Place Third Addition, said point being on the westerly line of Manchester, as platted; thence N 22°16'07" E, 66.00 feet to a point on the easterly line of said Manchester, said point lying on a curve to the right; thence along said curve and said easterly line, 45.39 feet, said curve having a Central Angle of 18°58'58", a radius of 137.00 feet and a long chord of 45.18 feet, bearing N 58°42'24" W; thence N 48°44'55" W, 114.72 feet to a point on a curve to the right; thence along said curve, 326.85 feet, said curve having a Central Angle of 61°00'00", a radius of 307.00 feet and a long chord of 311.63 feet, bearing N 18°14'55" W; thence N 12°15'05" E, 123.23 feet to a point on a curve to the left; thence along said curve 173.87 feet, said curve having a Central Angle of 34°00'00", a radius of 293.00 feet and a long chord of 171.33 feet, bearing N 04°44'55" W; thence N 21°44'55" W, 55.17 feet to a point on a curve to the right; thence along said curve, 145.31 feet, said curve having a Central Angle of 18°00'00", a radius of 462.53 feet and a long chord of 144.71 feet, bearing N 12°44'55" W to a point on a curve to the right; thence along said curve, 113.67 feet, said curve having a Central Angle of 39°00'00", a radius of 167.00 feet and a long chord of 111.49 feet, bearing N 15°45'05" E; thence N 35°15'05" E, 173.91 feet to a point on a curve to the left; thence along said curve, 71.66 feet to the S.W. Corner of Reserve "J", of said Huntington Place Addition, said curve having a Central Angle of 17°02'13", a radius of 241.00 feet and a long chord of 71.40 feet, bearing N 26°43'58" E; thence N 86°15'05" E, 90.81 feet, along the south line of said Reserve "J" and Lot 41, Block 5, in said Huntington Place Addition; thence S 61°48'55" E, 320 feet, along the southwesterly line of Lots 35 through 41, inclusive, Block 5, in said Huntington Place Addition; thence N 86°15'05" E, 120 feet, along the south line of Lots 34 and 35, Block 5, in said Huntington Place Addition to the point of beginning.
 Existing public easements and dedications (or portions thereof), lying within the above described boundary, being vacated by virtue of K.S.A. 12-512(b).

Date 21 Oct 1991

Baughman Company, P.A.
[Signature] Surveyor
 Mark A. Savoy

Entered on transfer record this 30 day of June, 1992.
[Signature] County Clerk
 Don Wright



MINIMUM BUILDING PAD ELEVATIONS
 LOWEST OPENING ELEVATION TO STRUCTURE
 153 CITY DATUM/1340.4 M.S.L.
 LOTS 8, 9, 10, AND 21, 22, 23, 24, 25,
 26, AND 27, BLOCK 2.
 BENCH MARK:
 SQUARE CUT ON TOP OF EAST CURB OF
 MANCHESTER 17 FEET SOUTHWESTERLY OF
 N.W. COR. OF LOT 4, BLOCK 2, ARLINGTON
 PLACE 2ND ADDITION
 ELEV = 153.78 CITY DATUM
 ELEV = 1341.16 M.S.L.
 BENCH MARK:
 SQUARE CUT ON TOP OF WEST CURB OF
 MANCHESTER 76.2 FEET SOUTHERLY OF
 N.W. COR. OF LOT 1, BLOCK 1, ARLINGTON
 PLACE 2ND ADDITION
 ELEV = 152.76 CITY DATUM
 ELEV = 1341.16 M.S.L.



20.00
 ck