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.

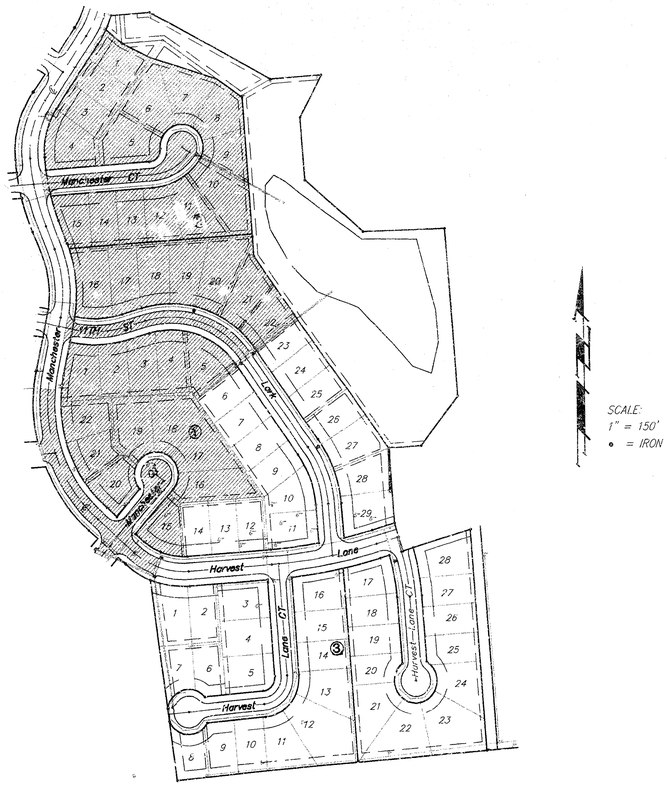
Project No.

472-76-245-82252-000-000-001

CITY OF WICHITA, KANSAS

Michael E. Lindebak City Engineer

Index Code: **781619**



SCALE:
1" = 150'
• = IRON

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 __18_____ feet in width, or equivalent combinations thereof, are to 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 field 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

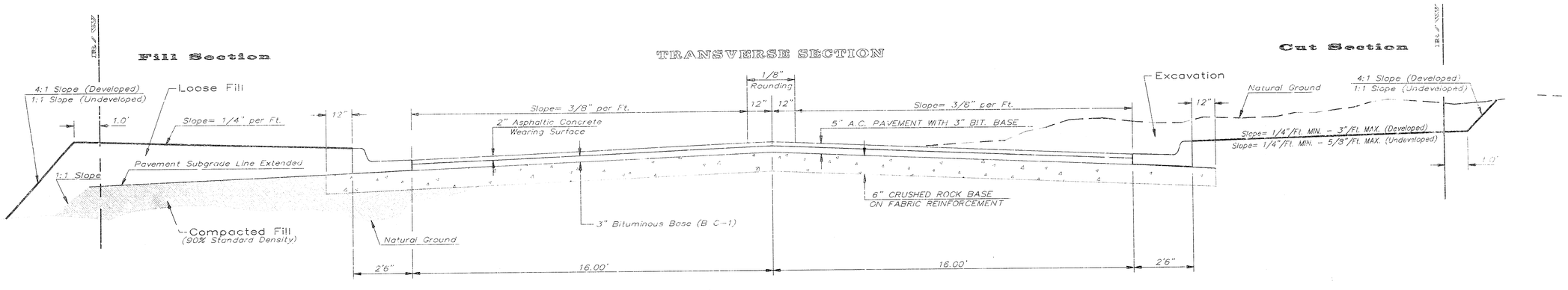
16. Plat of Arlington Place 2nd Addition

Benefit District

N. GRANT WOOD — LICENSED — 8470 — KANSAS — PROFESSIONAL ENGINEER

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

TYPICAL 37' B-B PAVEMENT DETAILS

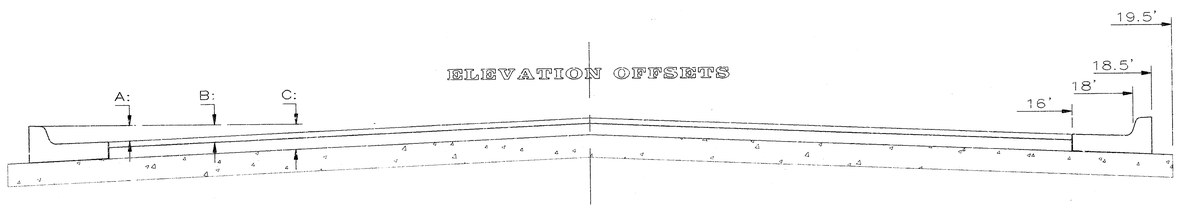


Pavement Specification

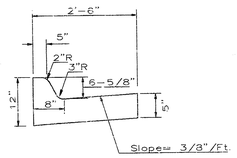
The crushed rock shall have the following gradation:

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

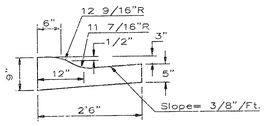
Rock quality shall conform to the requirements specified by the KDOT 1990 Edition Standard Specification Subsection 1102 for durability Class 1.



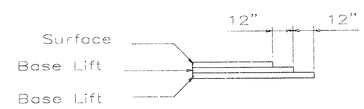
	DISTANCE FROM CENTERLINE (LT. & RT.)											
	0'	2'	4'	6'	8'	10'	12'	14'	16'	18'	18.5'	19.5'
A: Top of Curbs to Top of Surface Lift	0.01	.05	0.11	0.18	0.24	0.30	0.36	0.43	0.49	–	–	–
B: Top of Curbs to Top of Upper Base Lift	0.17	0.22	0.28	0.34	0.40	0.47	0.53	0.59	0.65	–	–	–
C: Top of Curbs to Top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



COMBINED CURB & GUTTER

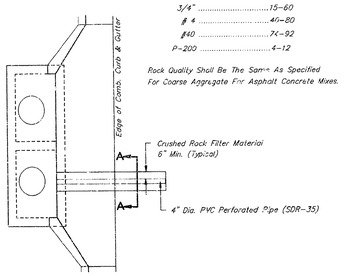


COMBINED ROLL TYPE CURB & GUTTER



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 5" ASPHALTIC CONCRETE (3" BITUMINOUS BASE).



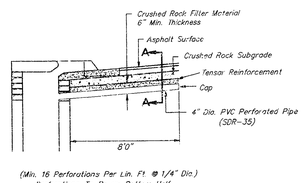
Perforated Pipes

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

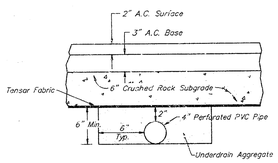
Rock Quality Shall Be The Same As Specified For Coarse Aggregate For Asphalt Concrete Mixes.

NOTE: Place 4" PVC Perforated Pipe at all drainage sump locations.
Cost of Underdrain System to be incidental to the Reinforced Crushed Rock Subgrade.



(Min. 16 Perforations Per Lin. Ft. @ 1/4" Dia.)
Perforations To Be on Bottom Half

PAVEMENT UNDERDRAIN DETAIL



SECTION A--A

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" MAXIMUM SIZE TO NOT MORE THAN 10% PASSING A NO. 200 SIEVE. ROCK QUALITY SHALL BE THE SAME AS SPECIFIED FOR COARSE AGGREGATE FOR CONCRETE MIXES.

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" ASPHALTIC CONCRETE (3" BITUMINOUS Base.)

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

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

REV.

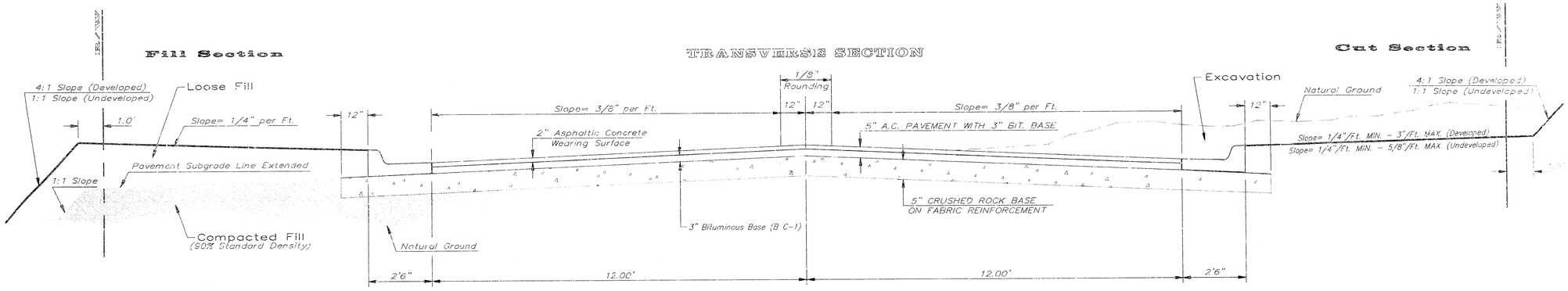
PROJECT NUMBER
472-76-245-**82252**-000-000-001

SHEET 2 OF 16

DESIGN	DRAWN	APPROVED	DATE	SCALE
T.C.R.			1-14-93	

TYPICAL 29' B-B PAVEMENT DETAILS

TRANSVERSE SECTION



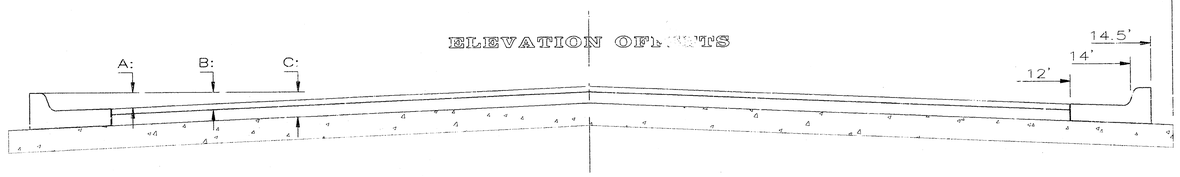
Pavement Specifications

The crushed rock shall have th. following gradation:

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

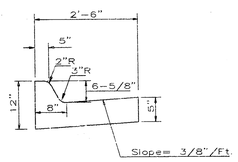
Rock quality shall conform to the requirements specified by the KDOT 1990 Edition Standard Specification Subsection 1102 for durability Class I.

ELEVATION OF POINTS

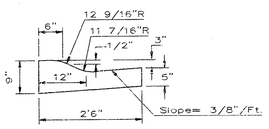


DISTANCE FROM CENTERLINE (LT. & RT.)

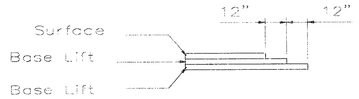
	0'	2'	4'	6'	7'	8'	13'	12'	14'	14.5'	15.5'
A: Top of Curbs to Top of Surface Lift	0.13	0.18	0.24	0.30	0.33	0.36	0.43	0.49	–	--	–
B: Top of Curbs to Top of Upper Base Lift	0.30	0.35	0.41	0.47	0.50	0.53	0.60	0.66	--	–	--
C: Top of Curbs to Top of C.R. Subgrade	0.55	0.60	0.66	0.72	0.75	0.78	0.85	0.91	0.97	0.98	1.01



COMBINED CURB & GUTTER



COMBINED ROLL TYPE CURB & GUTTER



TRANSVERSE CONSTRUCTION JOINTS

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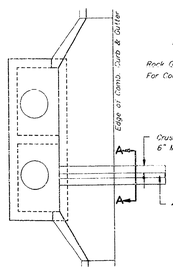
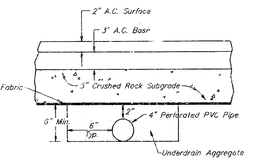


Perforated Pipe

CRUSHED ROCK GRADATION REQUIREMENTS
Percent of Aggregate Retained

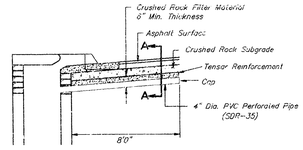
1 1/9"	0
3/4"	15-60
# 4	40-80
#40	74-92
P-200	4-12

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



SECTION A-A

NOTE: Place 4" PVC Perforated Pipe at all drainage sump locations.
Cost of Underdrain System to be Incidental to the Reinforced Crushed Rock Subgrade.



(Min. 16 Perforations Per Lin. Ft. @ 1/4" Dia.)
Perforations To Be on Bottom Half

PAVEMENT UNDERDRAIN DETAIL

General Notes

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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.

THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 5" ASPHALTIC CONCRETE (3" BITUMINOUS BASE.)

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

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

REV.

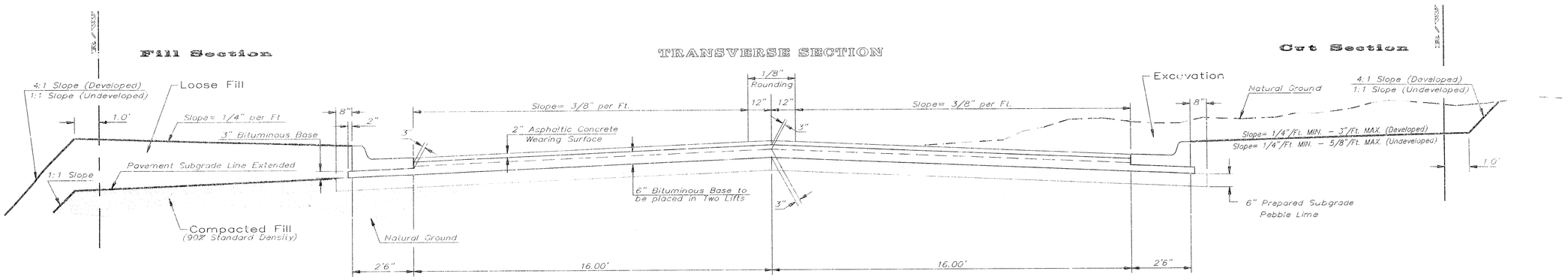
PROJECT NUMBER
472 76 245 **82252** 000 000 001

SHEET 3 OF 16

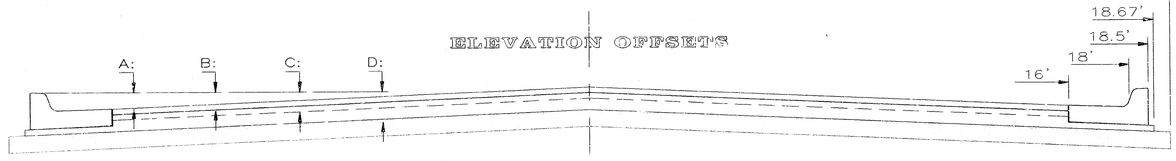
DESIGN	DRAWN	APPROVED	DATE	SCALE
			1-14-93	

TYPICAL 37' B-B PAVEMENT DETAILS

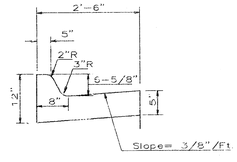
TRANSVERSE SECTION



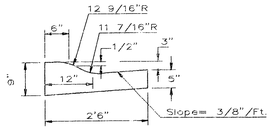
ELEVATION OFFSETS



	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



COMBINED ROLL TYPE CURB & GUTTER



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).

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.

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.

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.

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

REV.

PROJECT NUMBER
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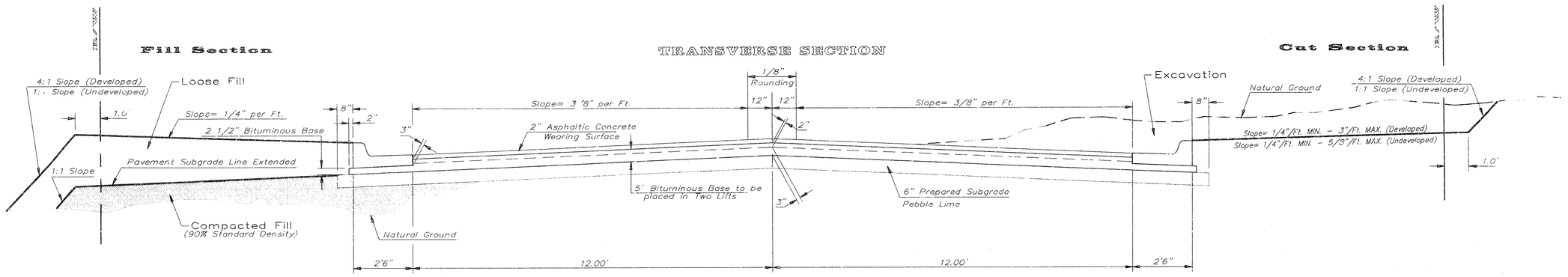
SHEET 4 OF 16

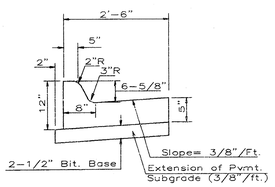
DESIGN	DRAWN	APPROVED	DATE	SCALE
			1-14-93	

TYPICAL 29' B-B PAVEMENT DETAILS

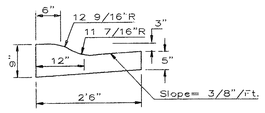




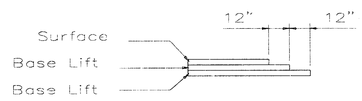
	DISTANCE FROM CENTERLINE (LT. & RT.)											
	0'	2'	4'	6'	7'	8'	10'	12'	14'	14.5'	14.67'	15.17'
A: Top of Curbs to Top of Surface Lift	0.13	0.18	0.24	0.30	0.33	0.36	0.43	0.49	–	–	–	–
B: Top of Curbs to Top of Upper Base Lift	0.30	0.35	0.41	0.47	0.50	0.53	0.60	0.66	–	–	–	–
C: Top of Curbs to Top of Lower Base Lift	0.47	0.52	0.60	0.65	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	1.21	1.23



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



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



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).

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.

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.

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

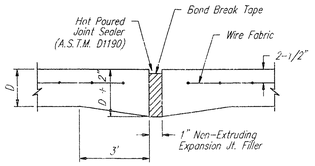
BAUGHMAN COMPANY P. A.
ENGINEERING & SURVEYING
316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

REV.

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

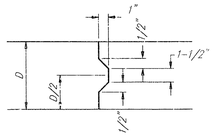
SHEET 5 OF 16

DESIGN	DRAWN	APPROVED	DATE	SCALE
			1-14-99	

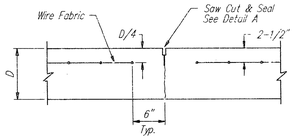


EXPANSION JOINT

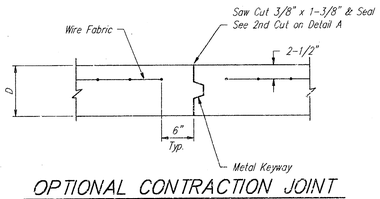
NOTE: Extra Thickness to be Subsidiary to Price of Square Yards Pavement



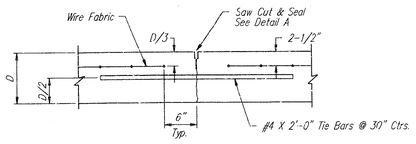
KEYWAY DETAIL



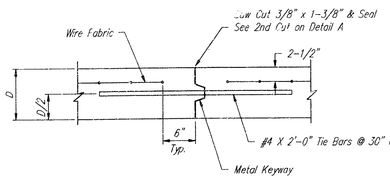
CONTRACTION JOINT DETAIL (C.J.)



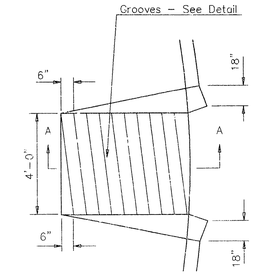
OPTIONAL CONTRACTION JOINT (CONSTRUCTION JOINT)



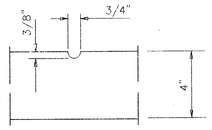
LONGITUDINAL JOINT DETAIL (L.J.)



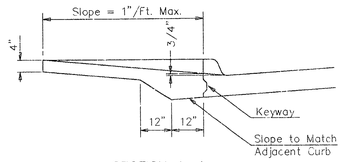
OPTIONAL LONGITUDINAL JOINT DETAIL (L.J.) (CONSTRUCTION JOINT)



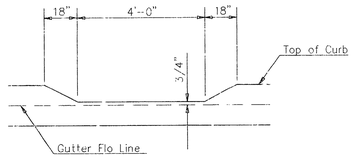
WHEELCHAIR RAMP PLAN VIEW



GROOVE DETAIL

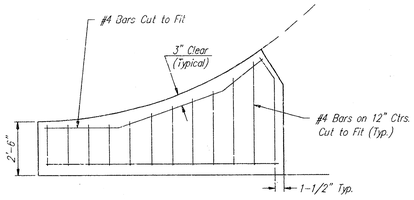


SECTION A–A

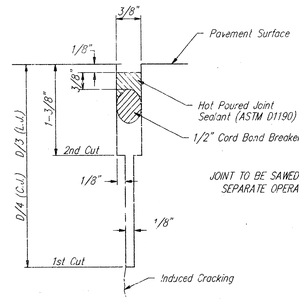


DEPRESSED CURB DETAIL

WHEELCHAIR RAMP DETAIL

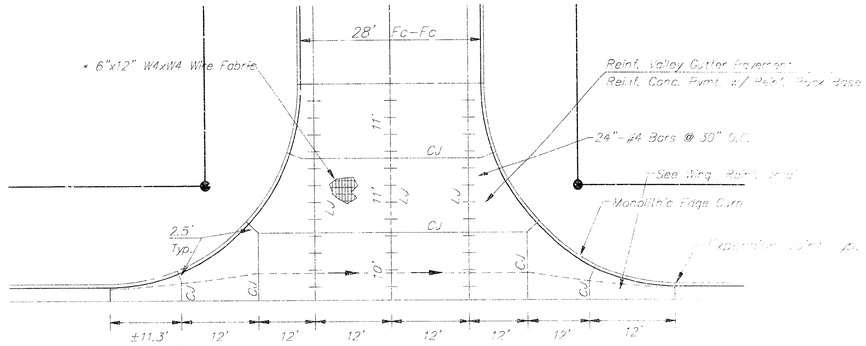


WING REINFORCING DETAIL



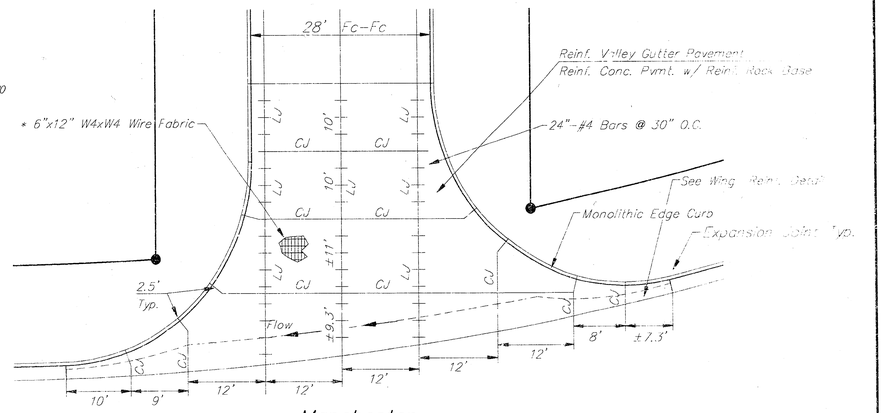
SAW JOINT DETAIL

Manchester Court (Lots 15–20, Blk 1)

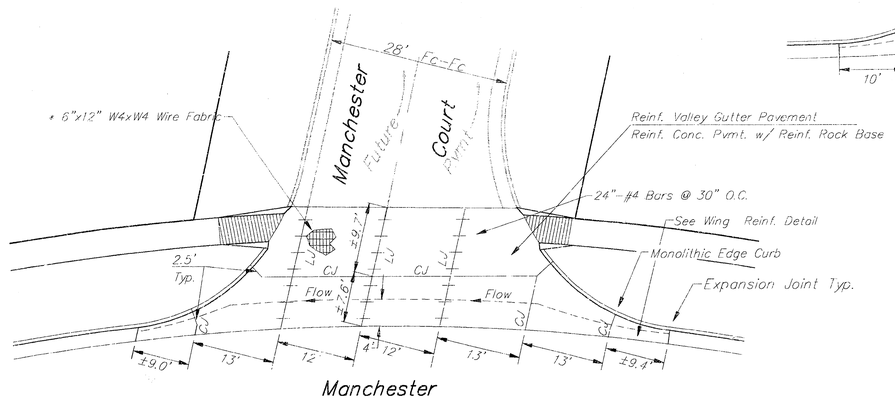


Manchester

Manchester Court (Lots 4–15, Blk 2)



Manchester



Manchester

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	SHEET
	472-76-245-82252-000-006-001	6

DESIGN	DRAWN	APPROVED	DATE	SCALE	OF
			1-14-73	NONE	16

ARR2 VG

BENCHMARK:

"□" Top of So. Curb 15' E. of End of Existing Pvmt 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. = 259.69' Delta = 28°00'00" Tangent = 64.75'
Arc = 126.91' L.C. = 125.65' Def/Ft. = 6.61886 Min.

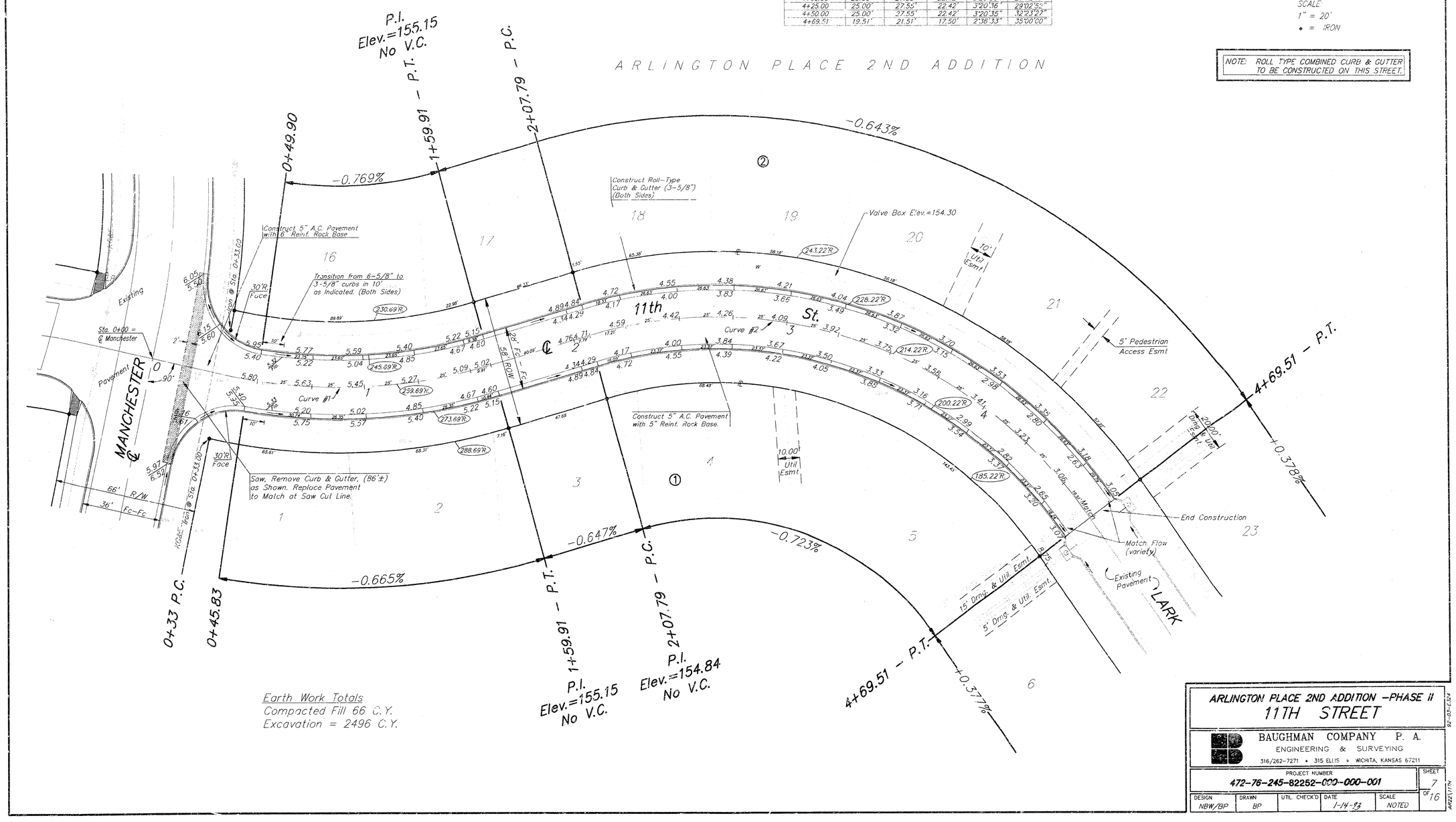
Station	Arc	FACE CHORD LENGTHS 8 Lt.	8 Rt.	Defl.	T. Defl.
0+33.00	–	–	–	0°00'00"	0°00'00"
0+45.83	12.83'	11.74'	13.91'	1°24'55"	1°24'55"
0+49.90	4.07'	3.73'	4.42'	0°26'57"	1°51'52"
0+75.00	25.10'	22.96'	27.22'	2°46'08"	4°38'00"
1+00.00	25.00'	22.87'	27.11'	2°45'28"	7°23'28"
1+25.00	25.00'	22.87'	27.11'	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'	[illegible]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	Arc	FACE CHORD LENGTHS 8 Lt.	8 Rt.	Defl.	T. Defl.
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°20'35"	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°20'35"	32°23'27"
4+69.51	19.51'	21.51'	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.

ARLINGTON PLACE 2ND ADDITION –PHASE II
11TH STREET

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

PROJECT NUMBER	SHEET
472-76-245-82252-000-000-001	7 OF 16

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

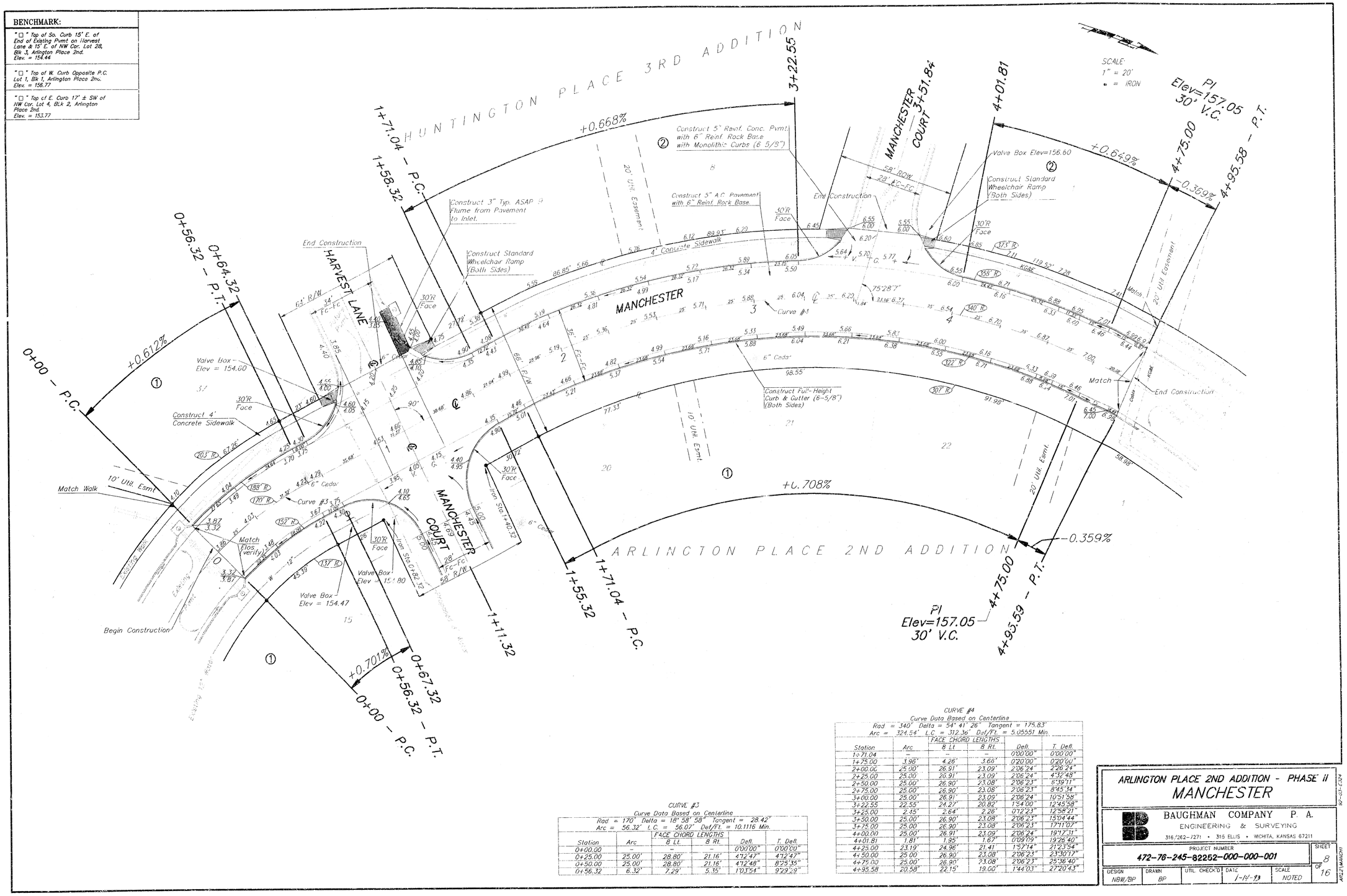
92-03-E324
AR22\11TH

BENCHMARK:

"□" Top of So. Curb 15' E. of End of Existing Pvmt 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 #3
Curve Data Based on Centerline
Rad = 170' Delta = 18° 58' 58" Tangent = 28.42'
Arc = 56.32' L.C. = 56.07' Def/Ft. = 10.1116 Min.

Station	Arc	FACE CHORD LENGTHS 8 Lt.	8 Rt.	Defl.	T. Defl.
0+00.00	–	–	–	0°00'00"	0°00'00"
0+25.00	25.00'	28.80'	21.16'	4°12'47"	4°12'47"
0+50.00	25.00'	28.80'	21.16'	4°12'48"	8°25'35"
0+56.32	6.32'	7.29'	5.35'	1°03'54"	9°29'29"

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

Station	Arc	FACE CHORD LENGTHS 8 Lt.	8 Rt.	Defl.	T. Defl.
1+71.04	–	–	–	0°00'00"	0°00'00"
1+75.00	3.96'	4.26'	3.66'	0°20'00"	0°20'00"
2+00.00	25.00'	26.91'	23.09'	2°06'24"	2°26'24"
2+25.00	25.00'	26.91'	23.09'	2°06'24"	4°32'48"
2+50.00	25.00'	26.90'	23.08'	2°06'23"	6°39'11"
2+75.00	25.00'	26.90'	23.08'	2°06'23"	8°45'34"
3+00.00	25.00'	26.91'	23.09'	2°06'24"	10°51'58"
3+22.55	22.55'	24.27'	20.82'	1°54'00"	12°45'58"
3+25.00	2.45'	2.64'	2.26'	0°12'23"	12°58'21"
3+50.00	25.00'	26.90'	23.08'	2°06'23"	15°04'44"
3+75.00	25.00'	26.90'	23.08'	2°06'23"	17°11'07"
4+00.00	25.00'	26.91'	23.09'	2°06'24"	19°17'31"
4+01.81	1.81'	1.95'	1.67'	0°09'09"	19°26'40"
4+25.00	23.19'	24.96'	21.41'	1°57'14"	21°23'54"
4+50.00	25.00'	26.90'	23.08'	2°06'23"	23°30'17"
4+75.00	25.00'	26.90'	23.08'	2°06'23"	25°36'40"
4+95.58	20.58'	22.15'	19.00'	1°44'03"	27°20'43"

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

SHEET 8 OF 16

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

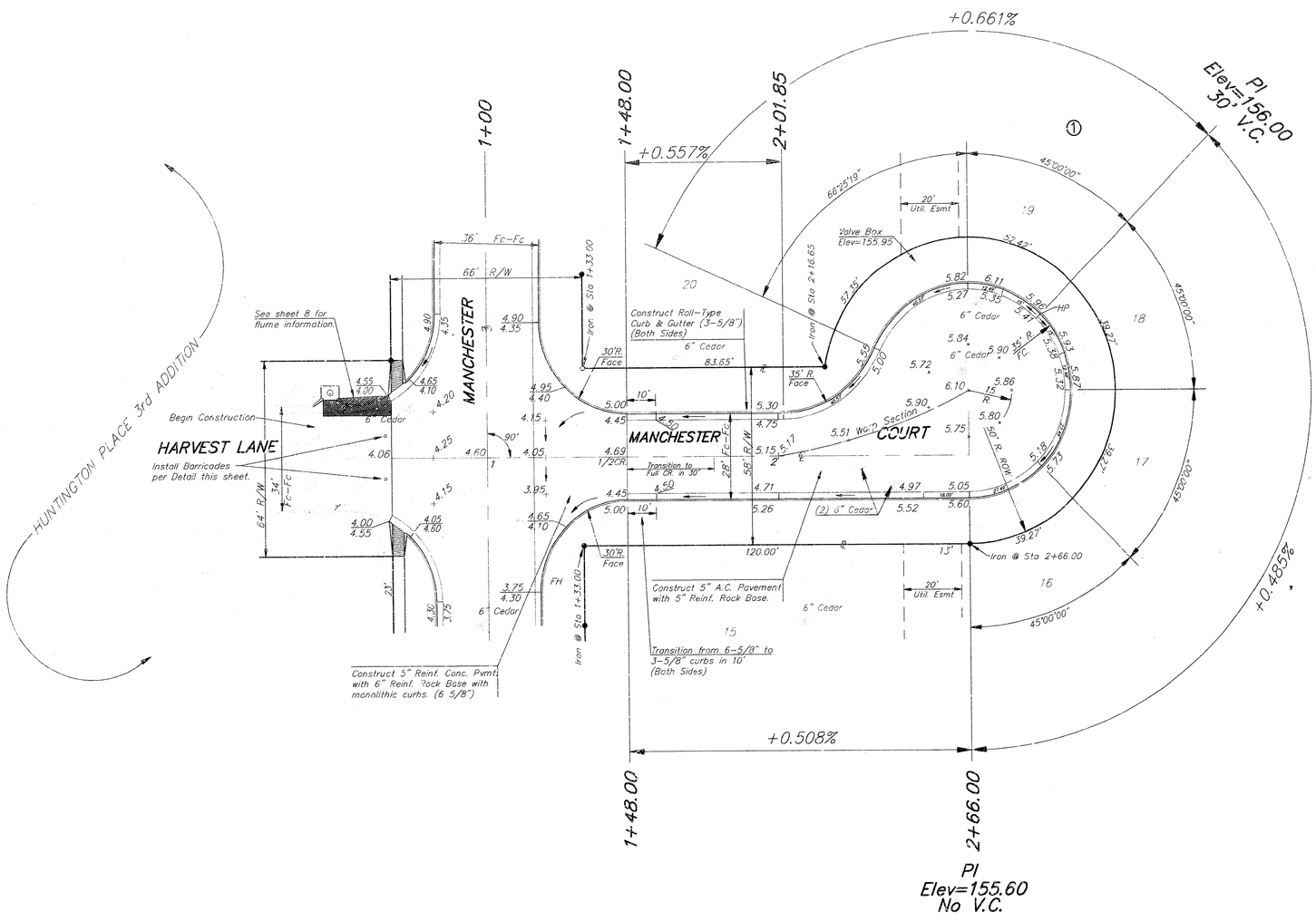
96-05-E324
ARL2\MANCH1

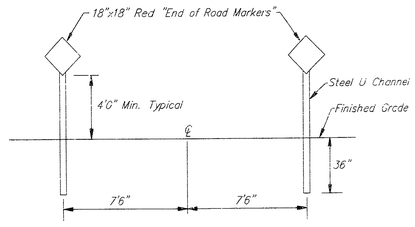
BENCHMARK:

"□" Top of So. Curb 15' E. of End of Existing Pvmt 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.





Barricade Detail

ARLINGTON PLACE ADDITION – PHASE II
MANCHESTER COURT

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

PROJECT NUMBER					SHEET
472-76-245-82252-000-000-001					9
DESIGN	DRAWN	UTIL. CHECK'D	DATE	SCALE	OF
NBW\BP	BP		1-14-93	NOTED	16

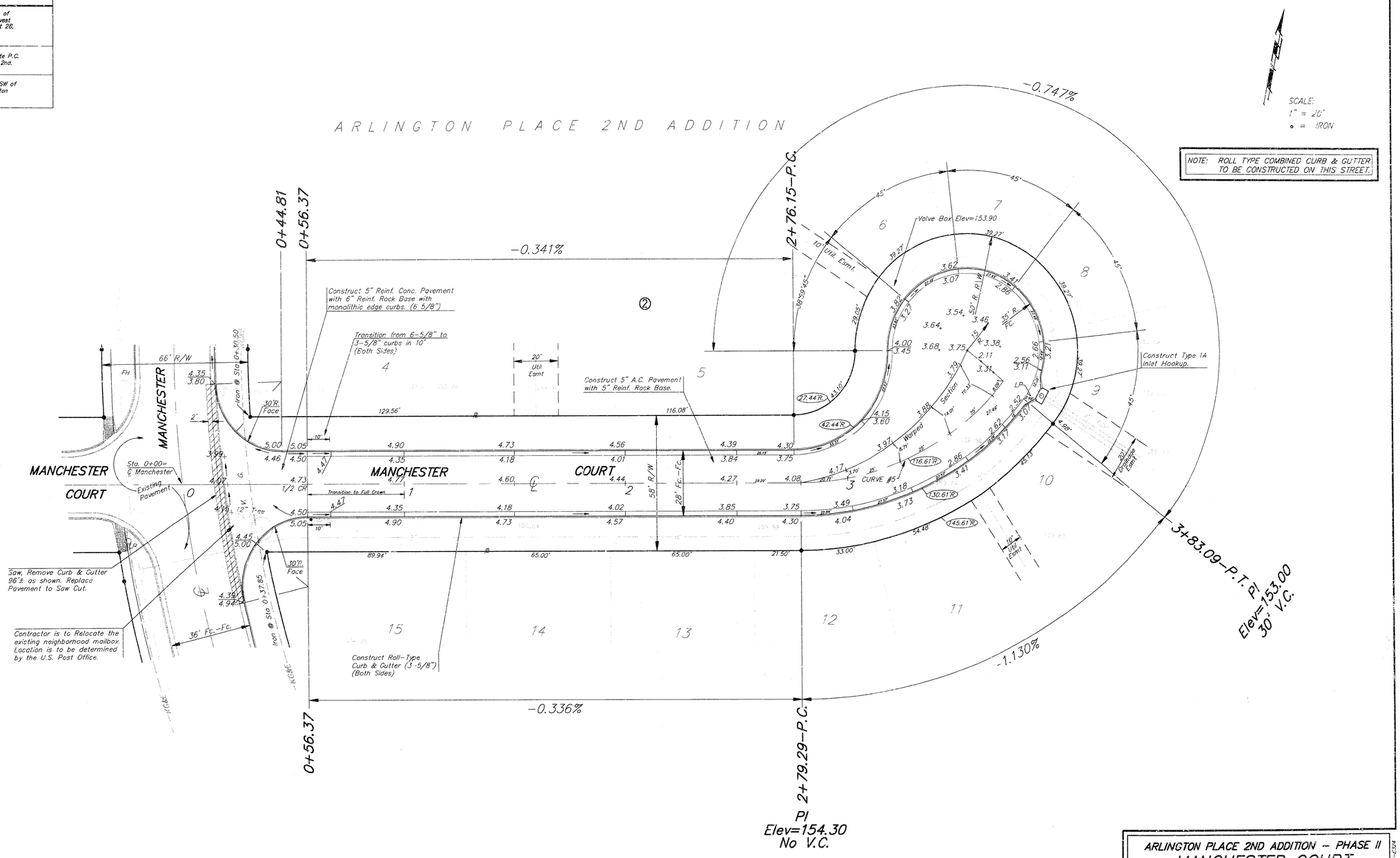
92-03-C324
AR22/MANCHCT2

BENCHMARK:

"□" Top of So. Curb 15' E. of End of Existing Pvmt 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 #5
Curve Data Based on Centerline
Rad. = 116.61' Delta = 51°00'00" Tangent = 55.62'
Arc = 103.8' L.C. = 100.40' Def/Ft. =14.7399 Min.

Station	Arc	FACE CHORD LENGTHS 8 Rt.	Defl.	T. Defl.
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

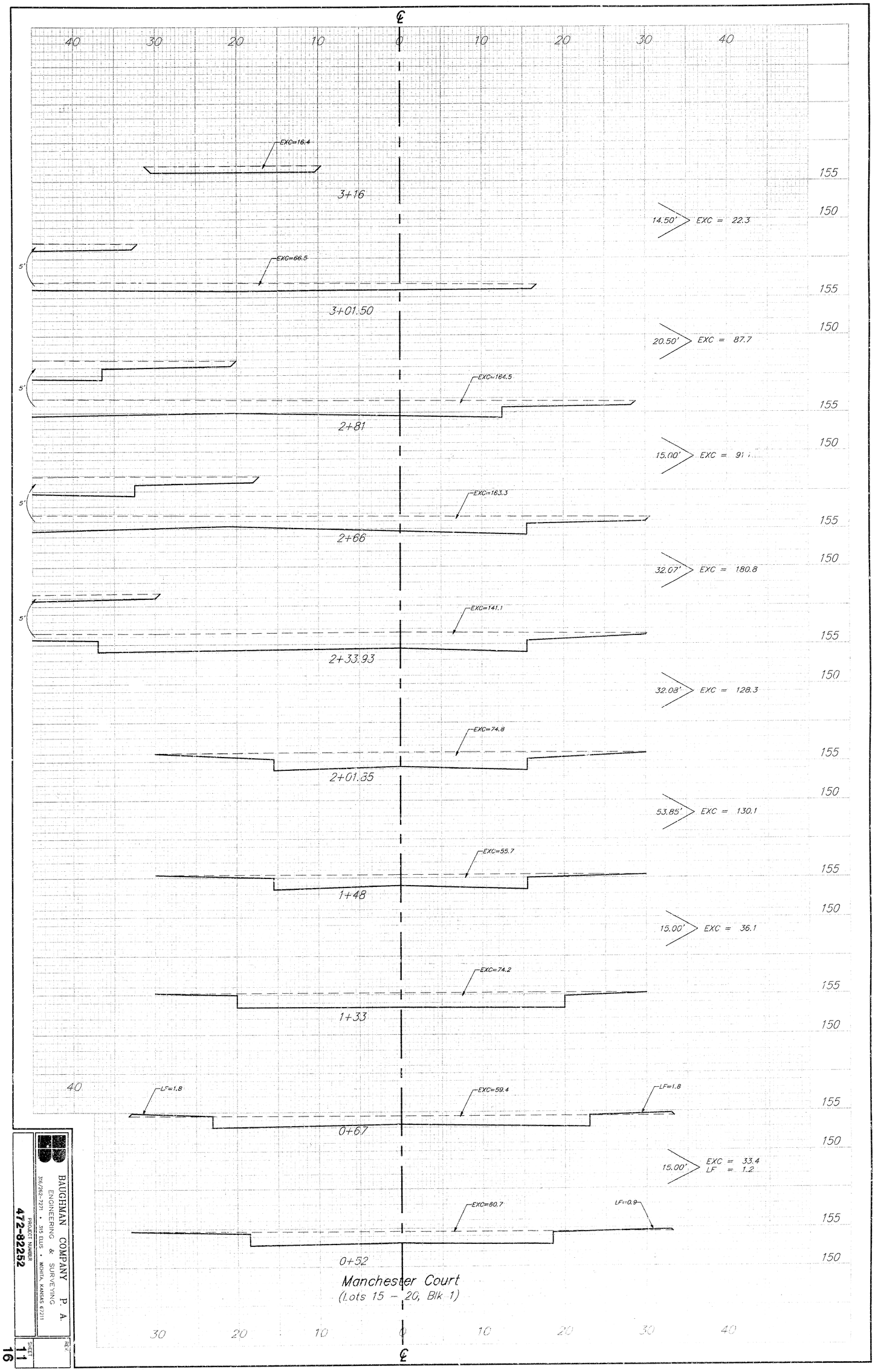
BAUGHMAN COMPANY P. A.
ENGINEERING & SURVEYING
316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

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

SHEET 10 OF 16

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

92-03-E324
ARTZ\MANCHCT1



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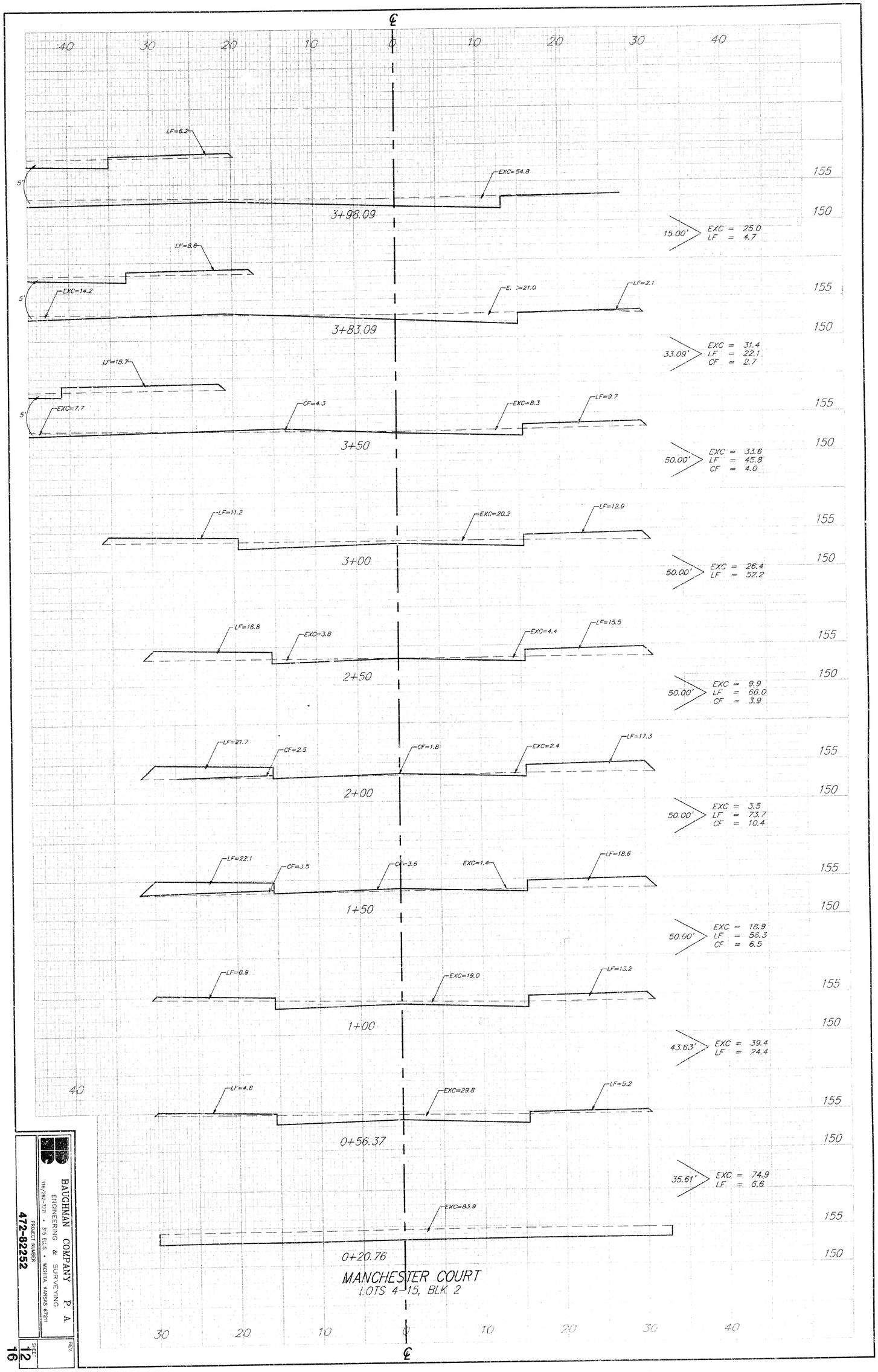
316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER
472-82252

SHEET
11

REV.

16

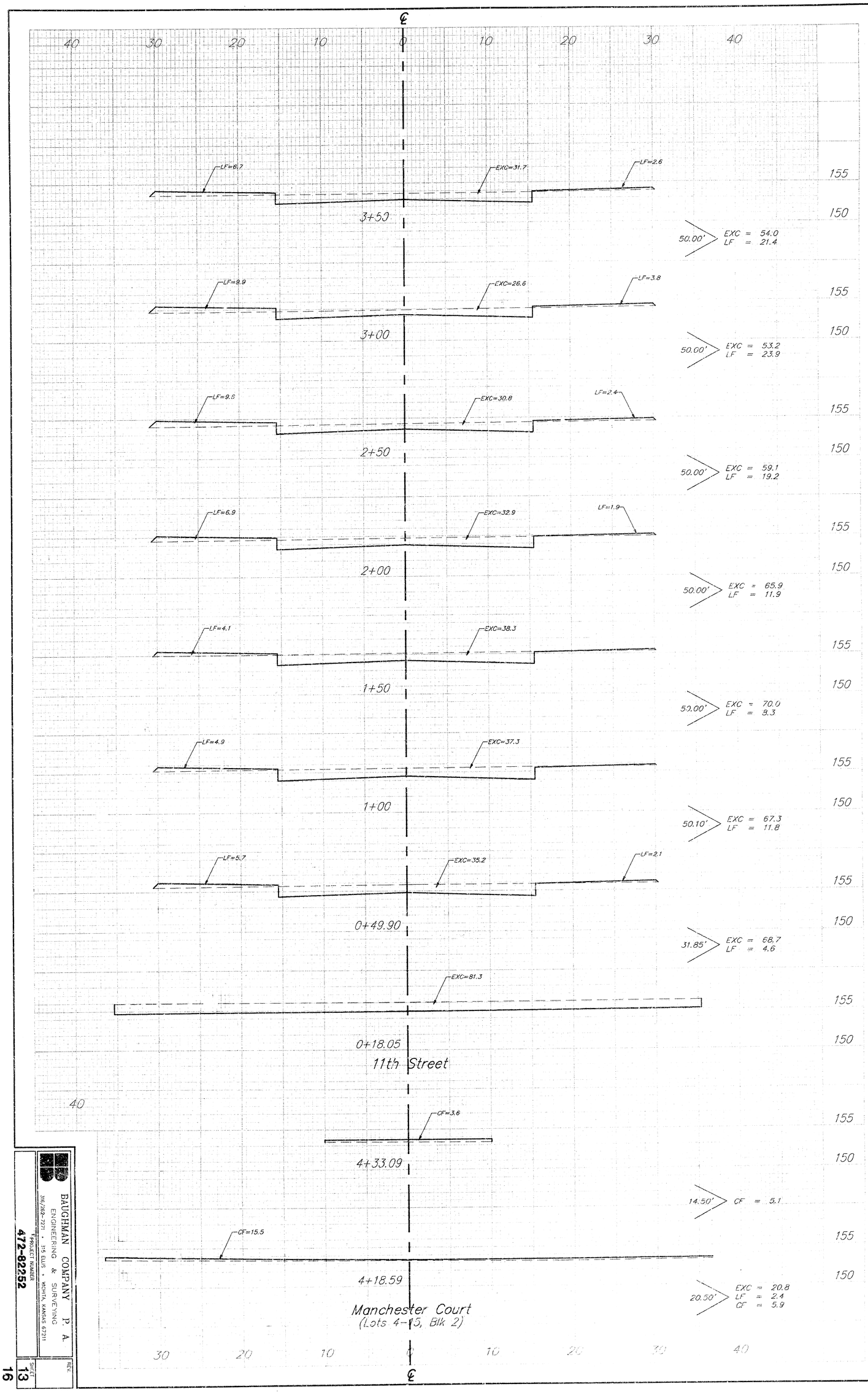


BAUGHMAN COMPANY P. A.
ENGINEERING & SURVEYING
316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER
472-82252

SHEET
12
16

REV.

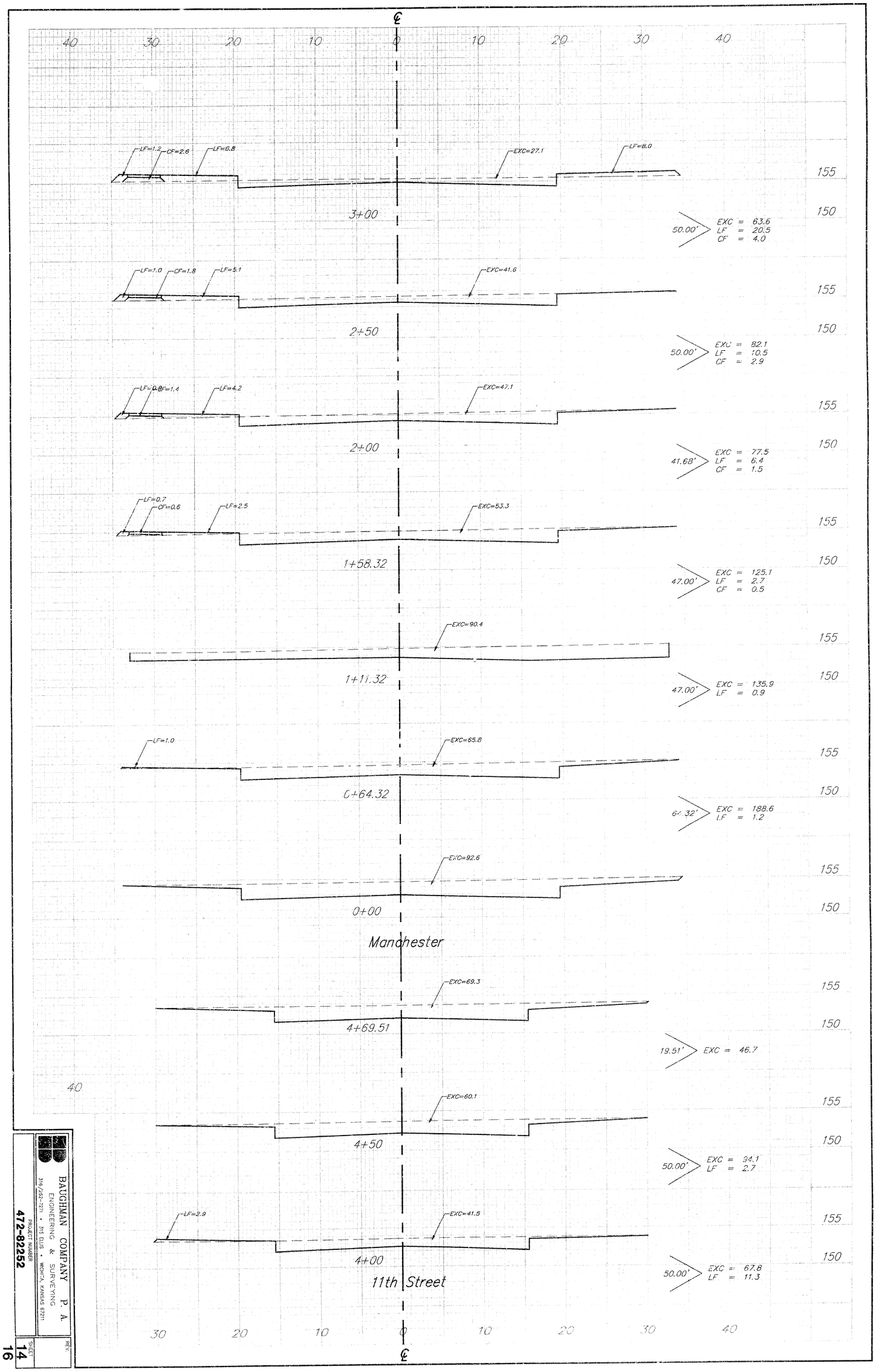


BAUGHMAN COMPANY P. A.
ENGINEERING & SURVEYING
316/262-7271 • 155 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER
472-82252

SHEET 13
REV.

16



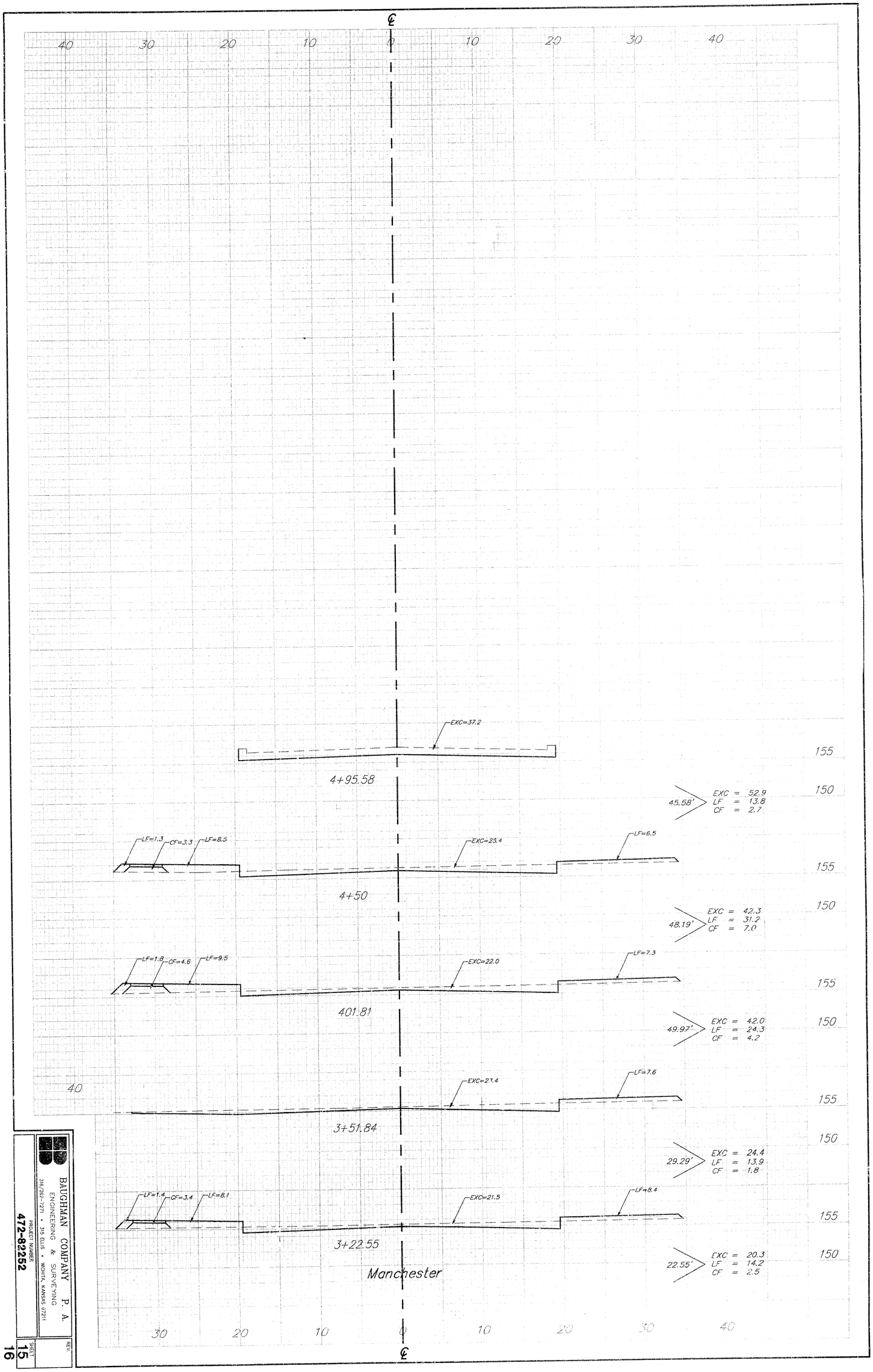
BAUGHMAN COMPANY P. A.
ENGINEERING & SURVEYING
316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER
472-82252

SHEET
14

REV.

16



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

PROJECT NUMBER
472-82252

SHEET
15
16

REV.

ARLINGTON PLACE 2ND ADDITION

WICHITA, SEDGWICK COUNTY, KANSAS

Know all men by these presents, that we, the undersigned, hove 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

_____ President
Randy Dean

State of Kansas)
Sedgwick County) SS

The foregoing instrument acknowledged before me, this 1st day of April 1992, by Randy Dean, President of Arlington Place, Inc., a Kansas Corporation, on behalf of the corporation.

_____ Notary Public
Mildred E. Franz

My App't. Exp. _____

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.

State Bank of Colwich

_____ Vice-President
Chris A. Anderson

State of Kansas)
Sedgwick County) 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.

_____ Notary Public

My App't. Exp. _____

ARLETTA J. WISNER
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. _____

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 16th day of October 1991.

Wichita-Sedgwick County Metropolitan Area Planning Commission

_____ Chairman
George D. Sherman

_____ Secretary
Marvin S. Krout

This plat approved and all dedications shown hereon accepted by the City Council of the City of Wichita, Kansas, this 7th day of April 1992.

_____ Mayor
Bob Knight

_____ Deputy City Clerk
Pat Burnett

State of Kansas)
Sedgwick County) SS

This is to certify that this plat has been filed for record in the office of the Register of Deeds, this 1st day of June 1992, at 9:00 o'clock A.M; and is duly recorded.

_____ Register of Deeds
Pat Kettler

_____ Deputy
Ed Rosa - Phyllis Hornaday

20.00
CK

State of Kansas)
Sedgwick County) 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, described as follows:

That part of the NE1/4 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 an 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 NE1/4; thence S 85°26'35" W, 729.41 feet, along the south line of said NE1/4; 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°14'24" 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, 125.23 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).

Baughman Company, P.A.

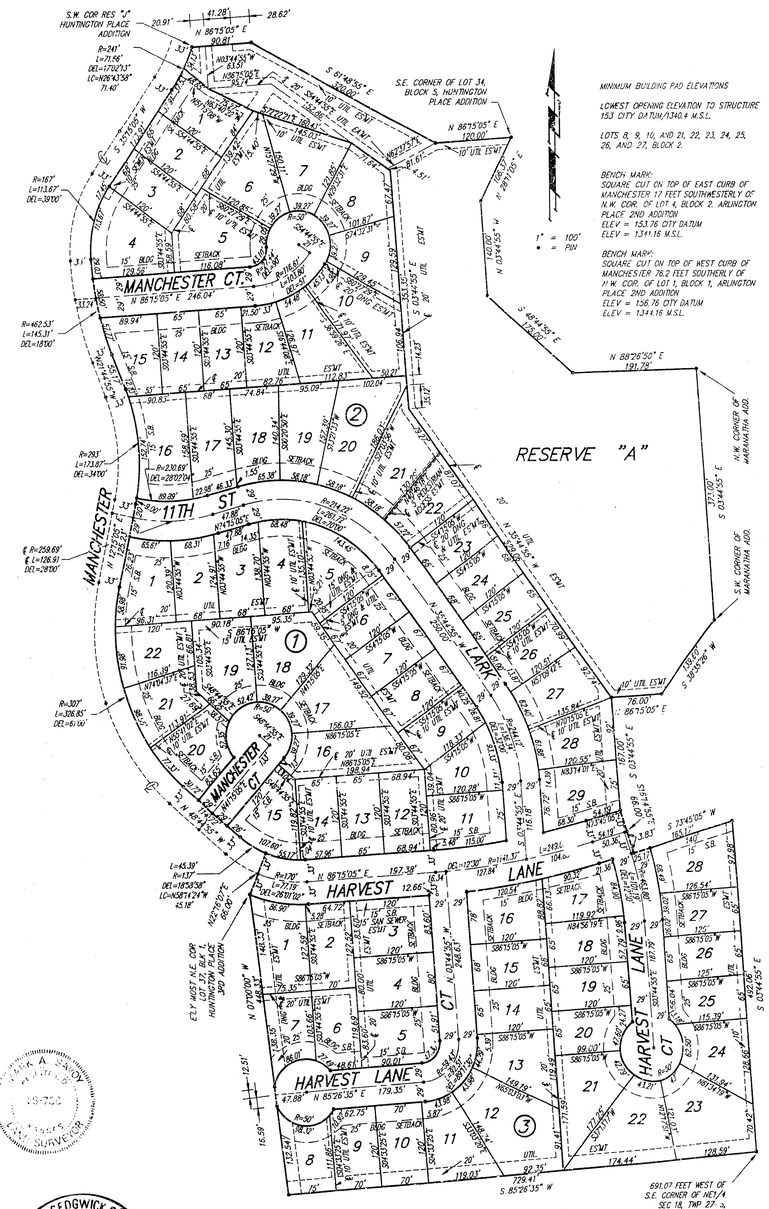
Date 21 Oct 1991

_____ Surveyor
Mark A. Savoy

#12196-1

Entered on transfer record this 30 day of June 1992.

_____ County Clerk
Don Wright



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PC 30-3