Street Improvements For

JESSE ADDITION

BURNS CIRCLE

From the N.L. 33rd Street North to and Including Cul-De-Sac

Index No. 760652

Project No.

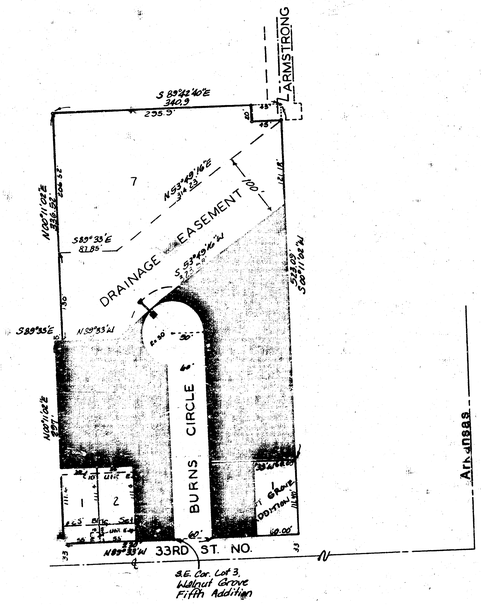
472-76-245-82049-000-000-001

City of Wichita, Kansas - Michael E. Lindebak, City Engineer

Scale: 1" = 100'

INDEX

1 TITLE SHEET
2 31' PAVMENT DETAIL
3 BURNS CIRCLE
4 INCIDENTAL DRAINAGE
5 STANDARD IA INLET DETAIL
6-7 EARTHWORK CROSS SECTIONS
8 JESSE ADDITION PLAT



BENEFIT DISTRICT

GENERAL NOTES

1. Utility service lines, poles, valve boxes, meters, et cetera 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.

2. No more than 2 drives 18 feet in width, or equivalent combinations thereof, are to constructed with this project.

3. 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.

4. 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.

N. BRENT WOOTEN LICENSED 8470 KANSAS PROFESSIONAL ENGINEER

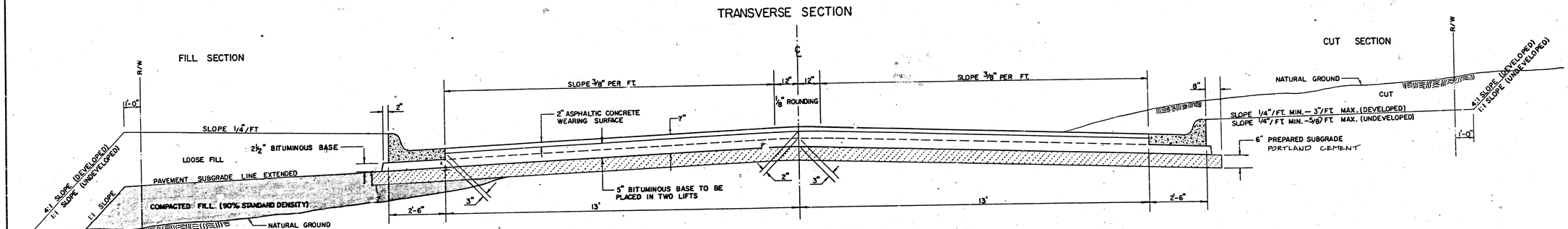
SWS Booked 1/92 MCG

(1)

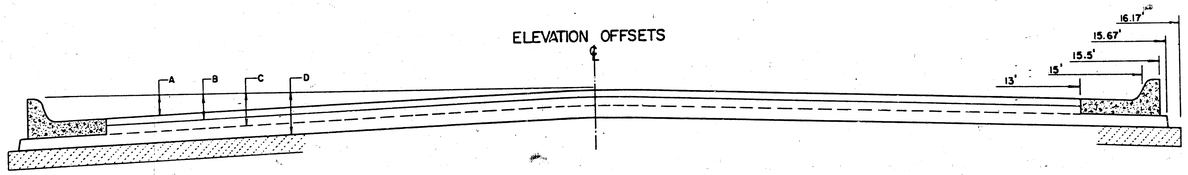
BAUGHMAN COMPANY P. A.
SURVEYING & ENGINEERING
316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

TYPICAL 31' PAVEMENT DETAILS

TRANSVERSE SECTION

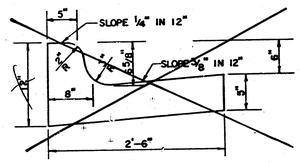


ELEVATION OFFSETS

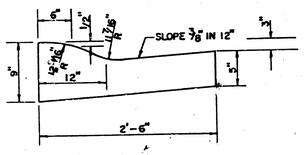


	DISTANCE FROM CENTERLINE (LT. & RT.)											
	0'	2'	4'	6'	7.5'	10'	12'	13'	15'	15.5'	15.67'	16.17'
A: TOP OF CURBS TO TOP OF SURFACE LIFT	0.10	0.14	0.21	0.27	0.32	0.39	0.46	0.49	—	—	—	—
B: TOP OF CURBS TO TOP OF UPPER BASE LIFT	0.27	0.31	0.38	0.44	0.49	0.56	0.63	0.66	—	—	—	—
C: TOP OF CURBS TO TOP OF LOWER BASE LIFT	0.44	0.49	0.57	0.64	0.70	0.79	0.87	0.90	0.98	1.00	1.00	—
D: TOP OF CURBS TO TOP OF SUBGRADE	0.69	0.73	0.80	0.87	0.93	1.01	1.08	1.12	1.19	1.21	1.21	1.23

COMBINED CURB & GUTTER



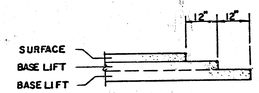
ROLL TYPE COMBINED CURB & GUTTER



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

TRANSVERSE CONSTRUCTION JOINTS



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

7 INCH RESIDENTIAL ASPHALTIC CONCRETE PAVEMENT WITH 5 INCH BITUMINOUS BASE
CITY OF WICHITA, KANSAS
PROJECT NUMBER
472-76-245-82049-000-000-001

BENCH MARK: R.R. Spike in N.W. Side P.P. 99.5' E. And 5' South of The N.E. Corner of 33rd. Street and Burns, Elevation = 133.60 City Datum

BENCH MARK: R.R. Spike In N. Face H.L.P. 1.7' W. And 8' South of Intersection Centerlines 33rd Street and Burns Circle, Elevation = 132.86 City Datum

BENCH MARK: R.R. Spike in W. Face 6" Elm 6' South And 35.4' East of N.W. Corner of Lot 10, Jesse Addn. Elevation = 129.74 City Datum

Scale: 1" = 20'
• = Iron

0+48.21
2+71.44
3+34.68
-0.739%
-2.090%
-1.544%
JESSE ADDITION
NORTH 33RD STREET
BURNS CIRCLE
DRAINAGE EASEMENT
HOUSE
House # 914
House # 906
LOT #2
WALNUT GROVE FIFTH ADDITION
Construct 7" A.C. Pavement W/ 5" Bituminous Base
Construct Roll Type Curb & Gutter (3-5/8")
Construct 5" A.C. Temporary Asphalt Hookup As Indicated
Construct Type 1A Inlet Hookup - For SWS Info. See Incidental Drainage
REGRADE INTERSECTION TO MATCH NEW PAVEMENT. COST OF REGRADING TO BE INCIDENTAL TO PROJECT.
Transition Full Cb. Height to Roll Height Combined Cb. & Gtr. in 5' Transition Sections to be paid as Roll Type. (Both Sides Typical)
CAUTION - Shallow Sewer Over Sanitary Sewer
Bench Mark 132.86
Bench Mark 129.74
P.V.I. Elev. = 127.50 54.98' V.C.
P.V.I. Elev. = 129.75 43.10' V.C.
64°37'23"
30°15'56"
45°
55'
26'-0"
33' R/W
132.00 Future
15' Utility Easement
20' Utility Easement
60' R/W
50' R/W
35' R Face
15' R
111.4'
115.28'
110.27'
161.12'
Iron @ 0+33.14
Iron @ 0+32.86
Iron @ 2+65.69
Iron @ 3+34.68
Conc. Drive
Mailbox
Fc-Fc
SWB
Sanitary Sewer
Water Line
Irrigation Line
Gas
Curb Box
C.O.
4" Tree (Typ.)
Cul. 30
Fill 30
1.95 1.40
1.02 0.47
0.65 0.10
0.23 9.73
9.91 9.36
9.75 9.20
9.71 9.16
8.77 8.22
8.08 7.53
7.86 7.31
8.90 8.35
8.80
8.31
7.78 7.23
8.27
8.53 7.57
8.35 7.80
7.92
7.00
6.27
5.1
4.2
3.9
3.2
2.8
2.6
2.4
2.3
2.2
2.1
2.0
1.9
1.8
1.6
1.5
1.3
1.2
1.0
0.9
0.6
0.4
0.3
0.2
0.1

EARTHWORK TOTALS

Excavation 413 C.Y. Compacted Fill (90%) 3 C.Y. BORROW

Subgrade Manipulation = 1463 S.Y.

REMOVAL ITEMS

16 Small Trees 0 Large Trees

BURNS CIRCLE

N.L. 33rd. Street No. to Include Cul-de-sac

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

REV.	
PROJECT NUMBER	472-76-245-82049-000-000-001
SHEET	3
OF	8

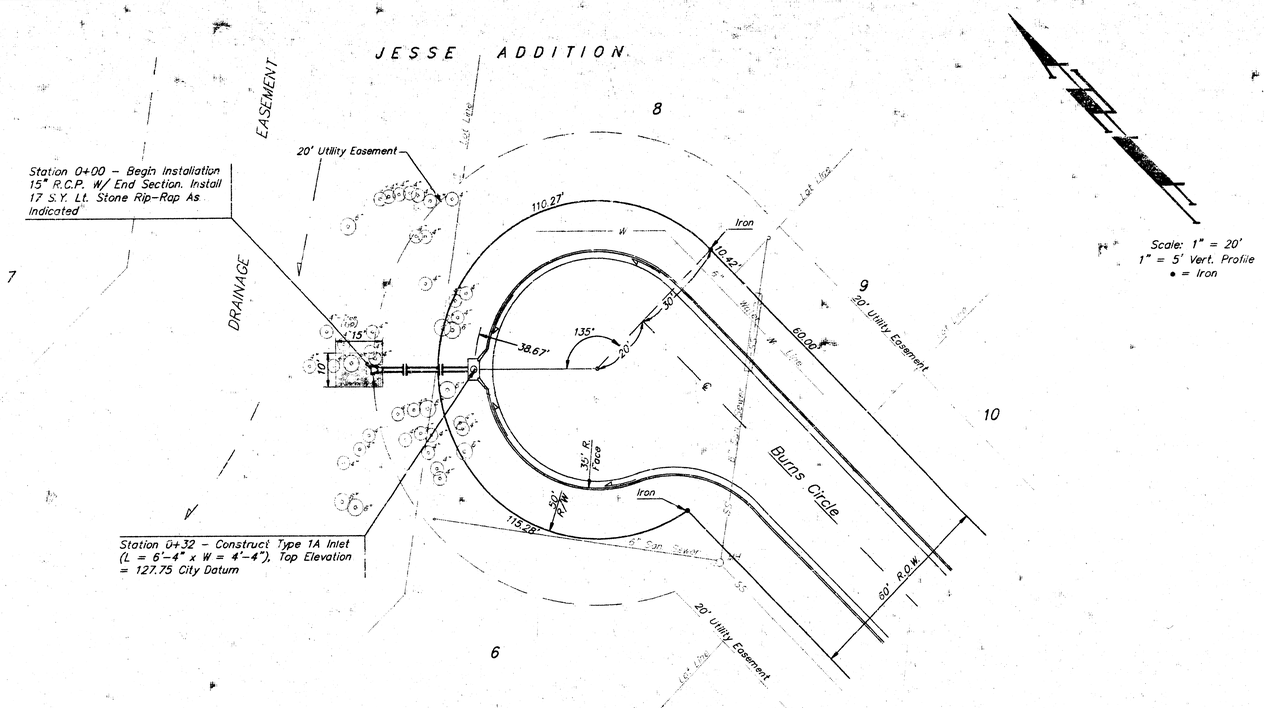
DESIGN	DRAWN	APPROVED	DATE	SCALE
C. Bohm	C. Bohm	N.B.W.	Jan. 1991	1"=20'-0"

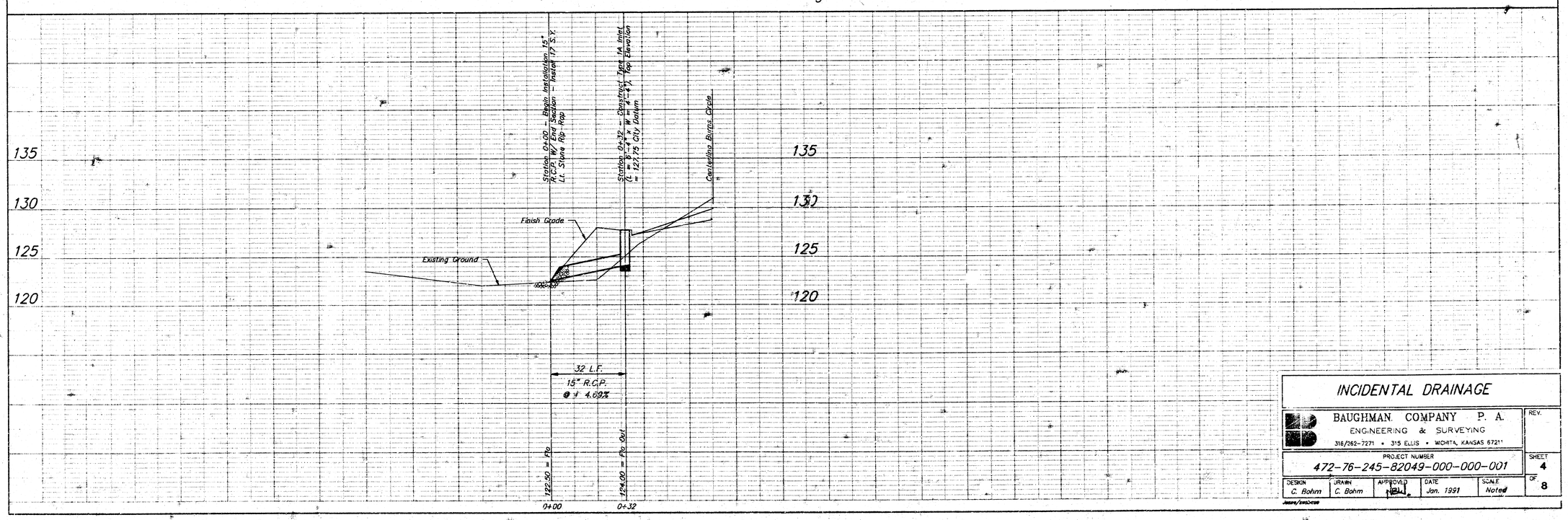
Jesse/Burns

BENCH MARK: R.R. Spike In N.W. Side O.P. 99.5' E. And 5' South of The N.E. Corner of 33rd. Street and Burns, Elevation = 133.60 City Datum

BENCH MARK: R.R. Spike In N. Face H.L.P. 1.7' W. And 8' South of Intersection Centerlines 33rd Street and Burns Circle, Elevation = 132.85 City Datum

BENCH MARK: R.R. Spike in W. Face 6" Elm 6' South And 36.4' East of N.W. Corner of Lot 10, Jesse Addn. Elevation = 129.74 City Datum





INCIDENTAL DRAINAGE

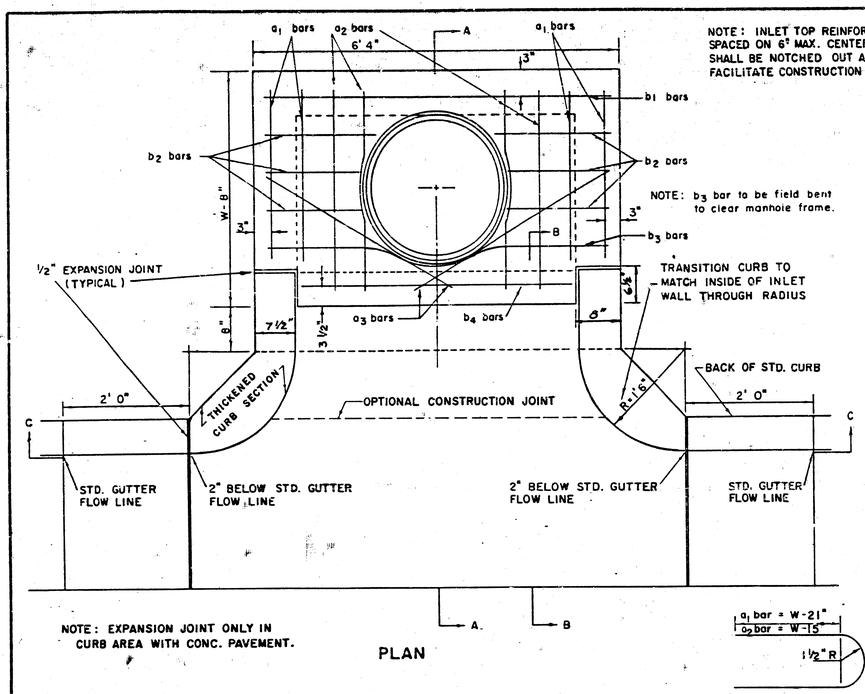
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REV.

PROJECT NUMBER 472-76-245-82049-000-000-001

SHEET 4 OF 8

DESIGN	DRAWN	APPROVED	DATE	SCALE
C. Bohm	C. Bohm		Jan. 1991	Noted



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.

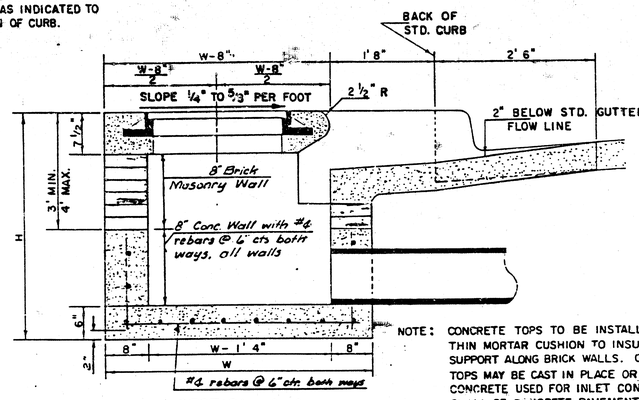
BENDING DIAGRAM

STEEL SCHEDULE

BAR	a_1	a_2	a_3*	b_1 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" x7 1/2"	21" & SMALLER	0.38 ±
5' 4"	4'8"x 6'4" x7 1/2"	24" & 30"	0.51 ±
6' 4"	5'8"x 6'4" x7 1/2"	36" & 42"	0.64 ±
7' 4"	6'8"x 6'4" x7 1/2"	48" & 54"	0.77 ±
8' 4"	7'8"x 6'4" x7 1/2"	60" & 66"	0.90 ±



SECTION A-A

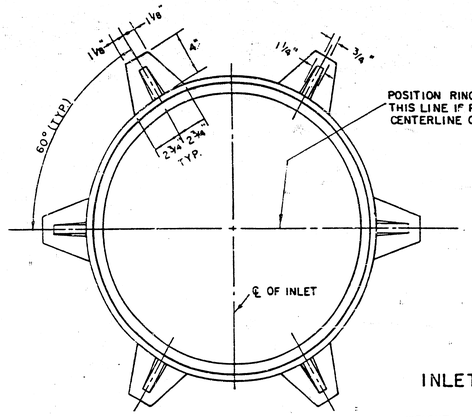
NOTE: CONCRETE TOPS TO BE INSTALLED ON THIN MORTAR CUSHION TO INSURE FULL SUPPORT ALONG BRICK WALLS. CONCRETE TOPS MAY BE CAST IN PLACE OR PRECAST. CONCRETE USED FOR INLET CONSTRUCTION SHALL BE CONCRETE PAVEMENT MIX.

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

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

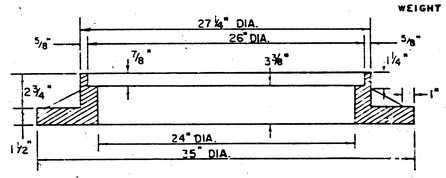
INLET INVERT SHALL BE SHAPED WITH 8 SACK SAND MIX CONCRETE TO CREATE FLOW CHANNELS AND TO INCREASE HYDRAULIC EFFICIENCY SUCH THAT THE INLET WILL BE SELF CLEANING BETWEEN ALL INLET AND/OR OUTLET PIPES.

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

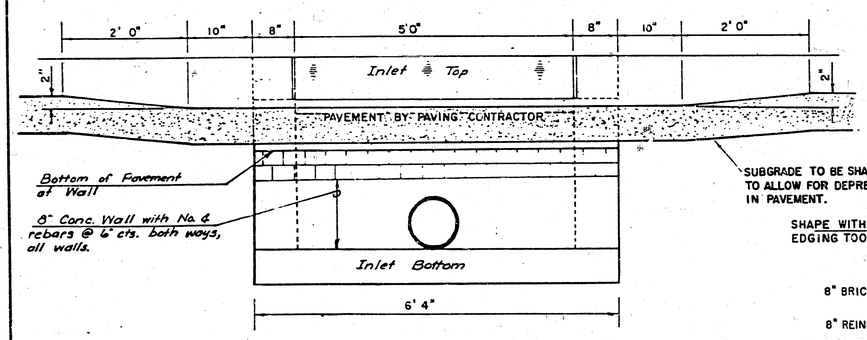


INLET FRAME

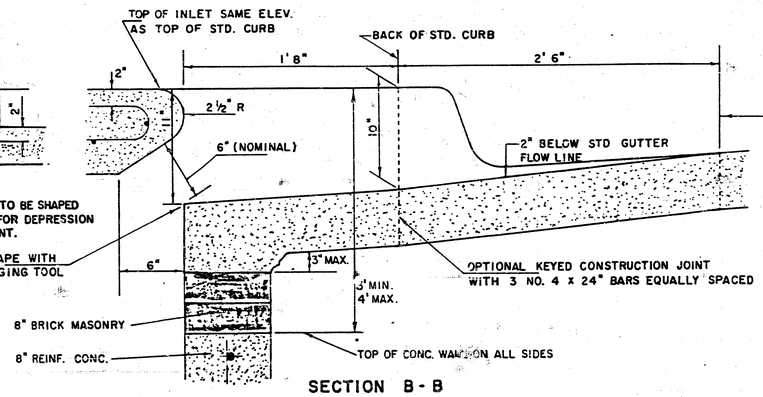
WEIGHT = 180 LBS.



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



SECTION C-C



SECTION B-B

REVISED 12-21-1984

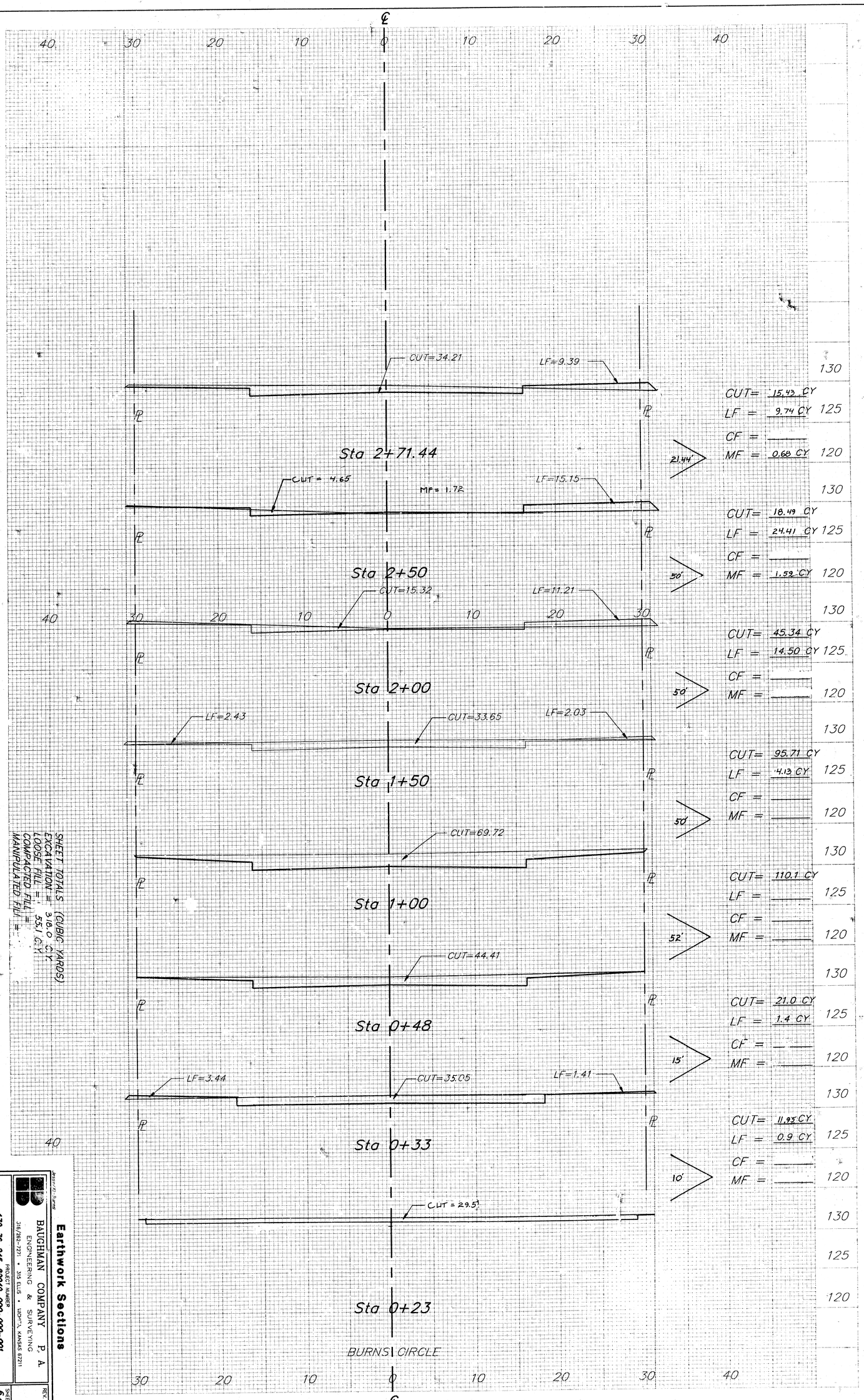
DETAIL STANDARD TYPE IA CURB INLET

CITY OF WICHITA, KANSAS

INLET OPENING = 6" x 5' 0"

JUNE 1984

Earthwork Sections



SHEET TOTALS (CUBIC YARDS)
EXCAVATION = 318.0 C.Y.
LOOSE FILL = 55.1 C.Y.
COMPACTED FILL =
MANIPULATED FILL =

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

PROJECT NUMBER
472-76-245-82049-000-000-001

SHEET 6/8

REV.

Earthwork Sections

SHEET TOTALS (CUBIC YARDS)
EXCAVATION = 9476 C.Y.
LOOSE FILL = 14679 C.Y.
COMPACTED FILL = 2.34 C.Y.
MANIPULATED FILL = 10.59 C.Y.

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

PROJECT NUMBER
172-78-245-62049-000-000-001

REV.

SHEET 7/8

BURNS CIRCLE

Sta 3+84.68
CUT= 0
LF = 55.61 CY
CF =
MF = 0
LF=14.37
LF=5.73
LF = 0
CUT = 0
LF = 5.44 CY
CF = 0
MF = 0

Sta 3+70.18
CUT= 23.60 CY
LF = 18.06 CY
CF = 0
MF = 0
LF=7.37
CUT=9.22
CUT=26.68

Sta 3+34.68
CUT= 39.48 CY
LF = 11.03 CY
CF = 1.28
MF = 5.78 CY
CF = 2.00
MF= 9.00
LF=9.81
CUT= 31.68 CY
CUT=25.58

Sta 3+00
LF = 10.15 CY
CF = 1.06 CY
MF = 4.76 CY

0 10 20 30 40 50

J-127

PC14-4

JESSE ADDITION

WICHITA, SEDGWICK COUNTY, KANSAS

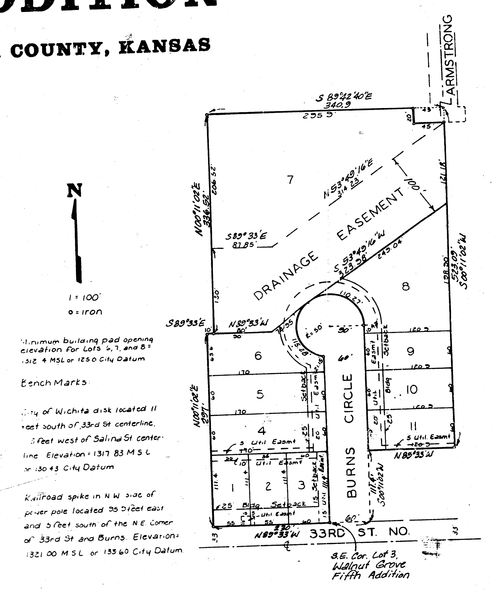
State of Kansas } S.S.
Sedgwick County }

We, Baughman Company, P.A., Surveyors in aforesaid county and state do hereby certify that we have surveyed and platted "JESSE ADDITION," Wichita, Sedgwick County, Kansas, and that the accompanying plat is a true and correct exhibit of the property surveyed described as and being a replat of all of Lots 3 and 4, Lots 5, 6, 7, and 8 except the west 10 feet thereof, Lot 9 except the west 10 feet of the south 11.6 feet thereof and except the west 20 feet of the north 46.4 feet thereof, Lots 10, 11, and 12 except the west 20 feet thereof, all of Lots 13, 14, 15, 16, 17, 18, 19, 20, and 21, all of 33rd Street North Court and the Drainage Dedication except the west 20 feet thereof, all as platted in Walnut Grove Fifth Addition, Wichita, Kansas, 33rd Street North Court, drainage dedication, minimum building pad elevations, easements and other restrictions per previous plat are hereby vacated by virtue of K.S.A. 12-512(b).
Being situated in the N.W. 1/4 of Sec. 32, Twp. 26-S, R-1-E of the 6th P.M., Sedgwick County, Kansas.

Baughman Company, P.A.

5/31/90
Date

Gregory F. Severns Surveyor



Know all men by these presents that we the undersigned, have caused the land described in the surveyors certificate to be platted into Lots and streets to be known as "JESSE ADDITION" Wichita, Sedgwick County, Kansas. The utility easements are hereby granted as indicated for the construction and maintenance of all public utilities. The street is hereby dedicated to and for the use of the public. The drainage easement is hereby granted as indicated for drainage purposes. The maintenance of said drainage easement shall be the responsibility of the owner of Lot 7, provided further that no building shall be constructed on or within said floodway, nor shall any fill, change of grade, creation of channel or other work be carried on without the permission of the appropriate governing body. Minimum building pad opening elevation for Lots 6, 7, and 8, shall be 1312.4 Mean Sea Level or 1250 City Datum.

Richard P. Jesse

Enid L. Jesse

This plat of "JESSE ADDITION," Wichita, Sedgwick County, Kansas, has been submitted to and approved by the Wichita-Sedgwick County Metropolitan Area Planning Commission, Wichita, Kansas.
Dated this 24th day of May, 1990.
Wichita-Sedgwick County Metropolitan Area Planning Commission.

George D. Sherman Acting Chairman

Marvin S. Krout Secretary

#167605

State of Kansas } S.S.
Sedgwick County }

The foregoing instrument was acknowledged before me this 31st day of May, 1990, by Richard P. Jesse and Enid L. Jesse, husband and wife.

Mark A. Savage Notary Public

My Appt Exp. 16 May 1992

This plat approved and all dedications shown hereon accepted by the City Council of the City of Wichita, Kansas this 19th day of June, 1990.

For Bob Knight Mayor Vice-Mayor

Pat Burnett Deputy City Clerk

Entered on transfer record this 25th day of June, 1990.

Don Wright County Clerk

State of Kansas } S.S.
Sedgwick County }

This is to certify that this plat has been filed for record in the office of the Register of Deeds this 25th day of June, 1990 at 3 o'clock P M; and is duly recorded.

Pat Kettler by Ed Mesa Register of Deeds

Ed Mesa Deputy

PC14-4

J-127