

# STORM WATER SEWER NO. 373

## To Serve

# WOODLAND AT THE PARK ADDITION

Project No.

468-76-245-81874-000-000-001

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

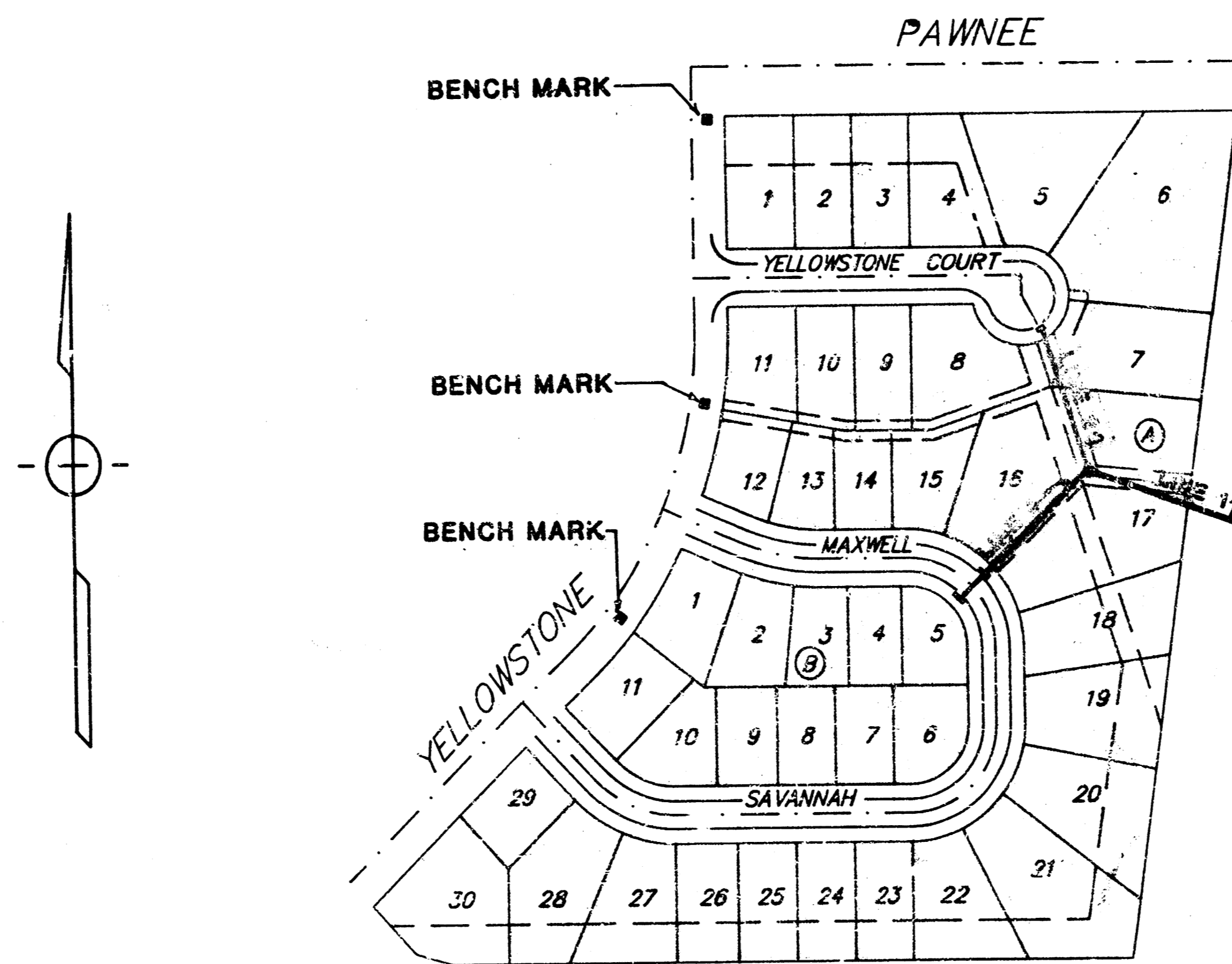
INDEX # 601070

### Index to the Plans

- 1 COVER SHEET
- 2 PLAN / PROFILE LINE 1
- 3 PLAN / PROFILE LINE 2
- 4 4'-4" X 11'-4" 1A INLET DETAIL
- 5 PLAT OF WOODLAND AT THE PARK

### General Notes

1. Underground utility service lines and overhead utility pole lines 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. 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.
3. 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.



### BENCH MARKS

- BENCH MARK: Square cut in top of curb on the east side of Yellowstone, at the southwest corner of Lot 11, Block A, Woodland at the Park Addition. Elevation = 126.72
- BENCH MARK: Square cut in top of curb on the east side of Yellowstone, at the northwest corner of Lot 1, Block A, Woodland at the Park Addition. Elevation = 122.46
- BENCH MARK: Square cut in top of curb on the east side of Yellowstone, at the southwest corner of Lot 1, Block B, Woodland at the Park Addition. Elevation = 129.97

BOOKED  
1-5-89  
MG

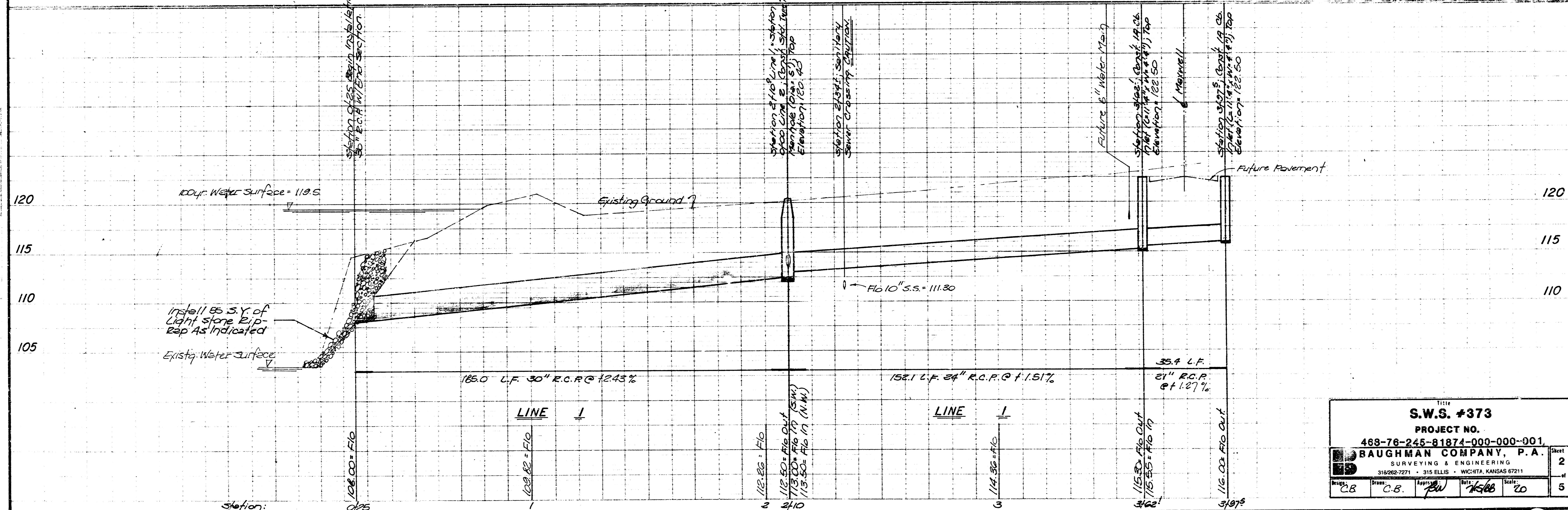
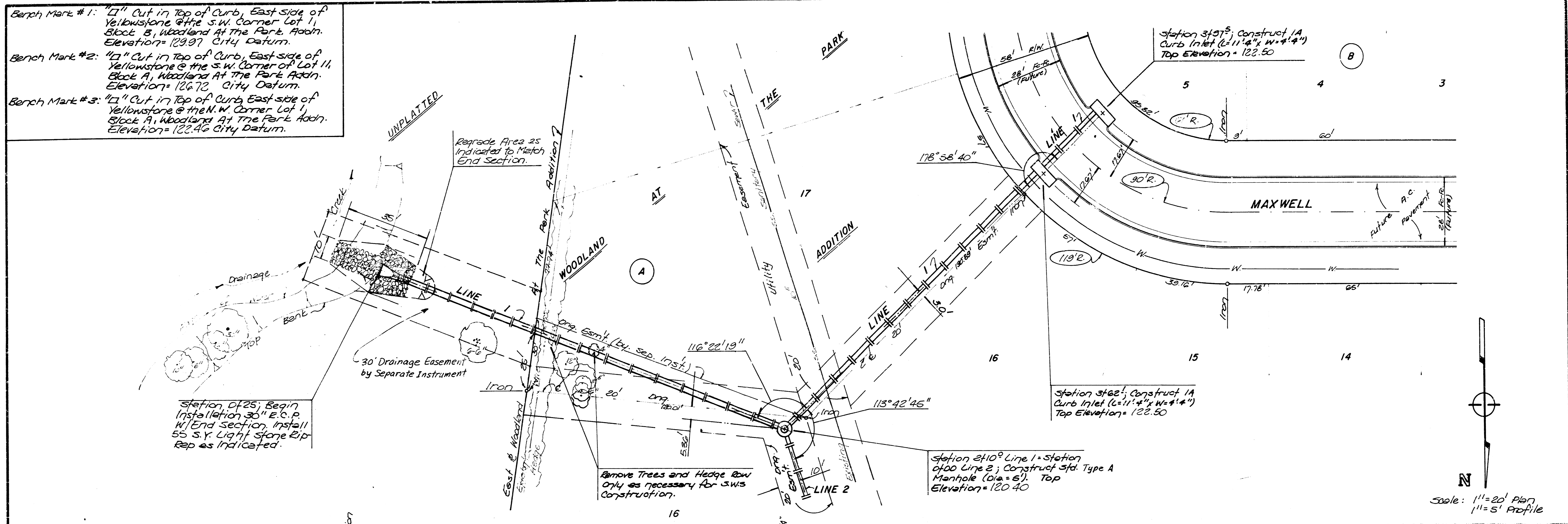


**BAUGHMAN COMPANY P. A.**  
SURVEYING & ENGINEERING  
316/282-7271 • 315 ELLIS • WICHITA, KANSAS 67211

Bench Mark # 1: "12" Cut in Top of Curb, East side of Yellowstone @ the S.W. Corner Lot 1, Block 5, Woodland At The Park Addn. Elevation = 129.97 City Datum.

Bench Mark # 2: "12" Cut in Top of Curb, East side of Yellowstone @ the S.W. Corner of Lot 11, Block A, Woodland At The Park Addn. Elevation = 126.72 City Datum.

Bench Mark # 3: "12" Cut in Top of Curb, East side of Yellowstone @ the N.W. Corner Lot 1, Block A, Woodland At The Park Addn. Elevation = 122.46 City Datum.



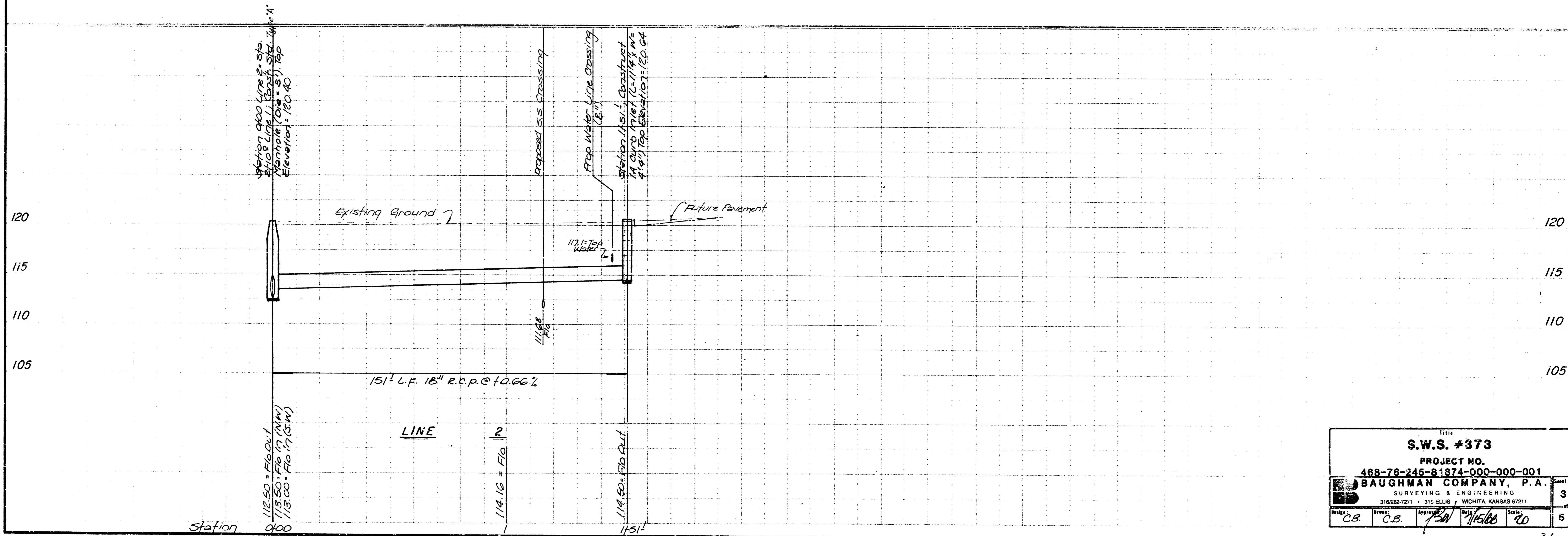
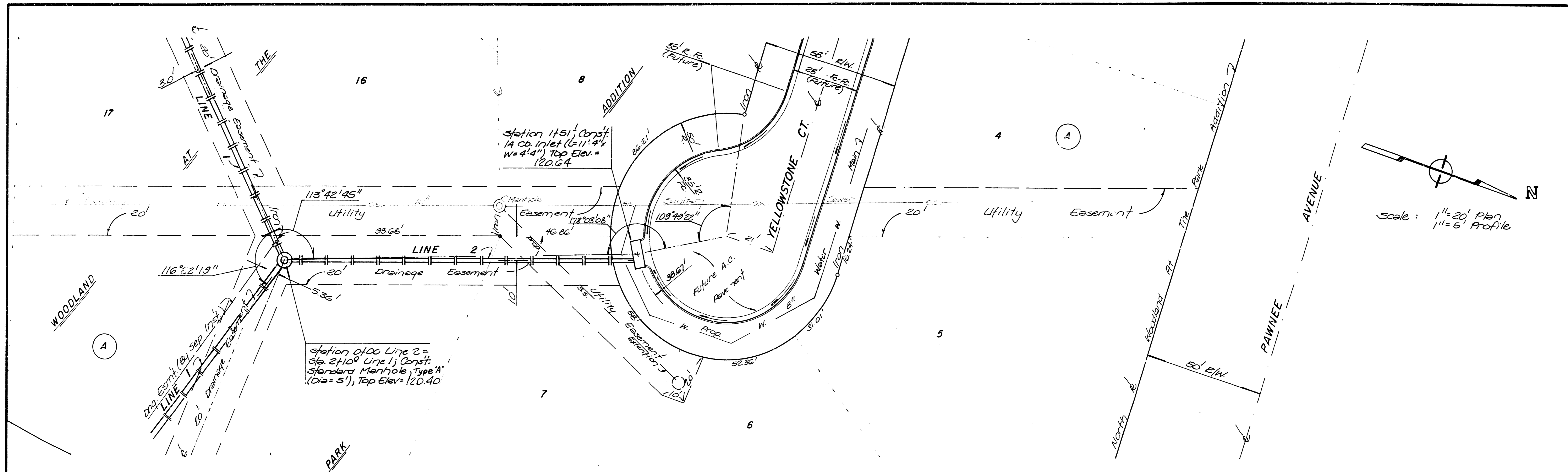
Title  
**S.W.S. #373**

PROJECT NO.  
468-76-245-81874-000-000-001

**BAUGHMAN COMPANY, P.A.**

SURVEYING & ENGINEERING  
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TITLE

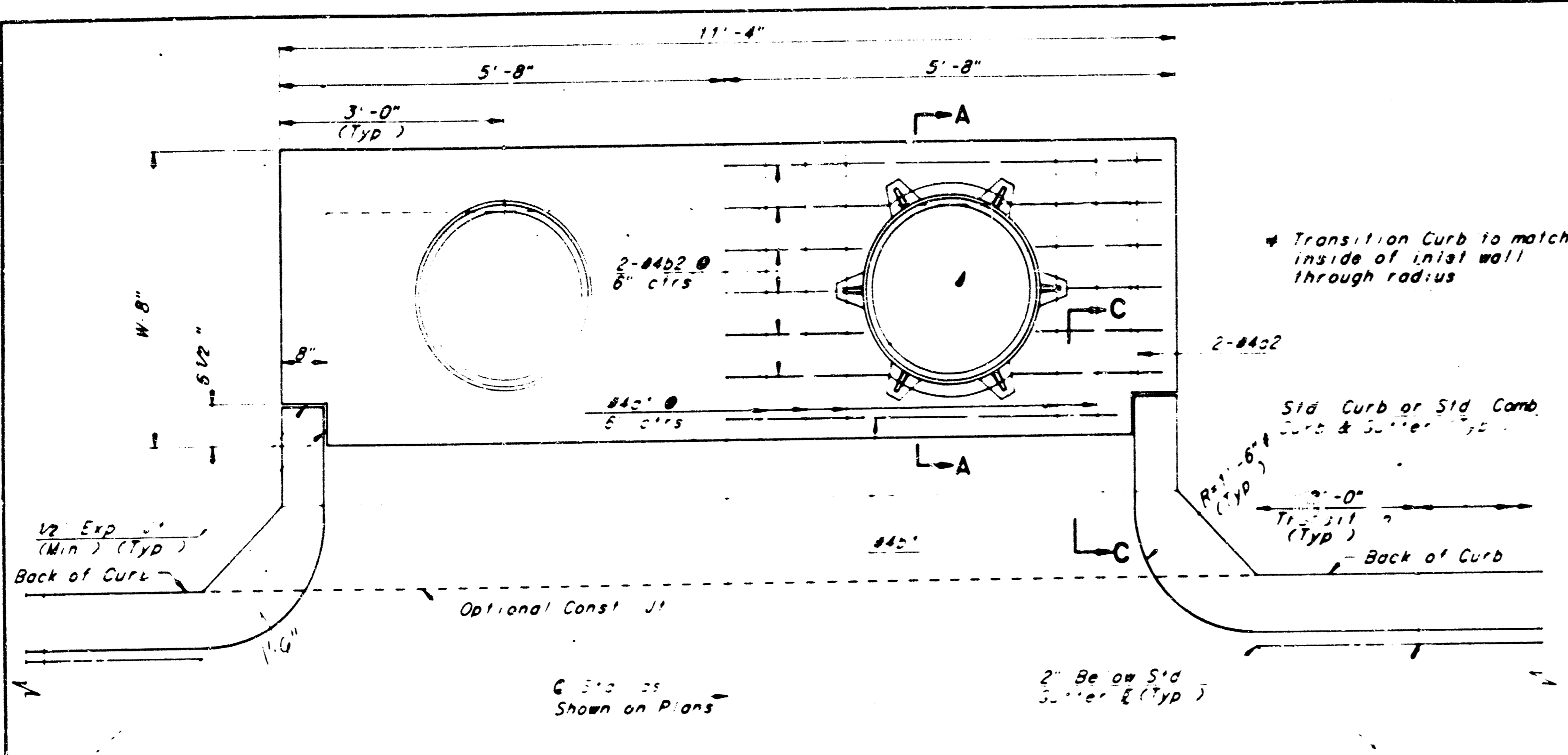
**S.W.S. #373**

PROJECT NO.  
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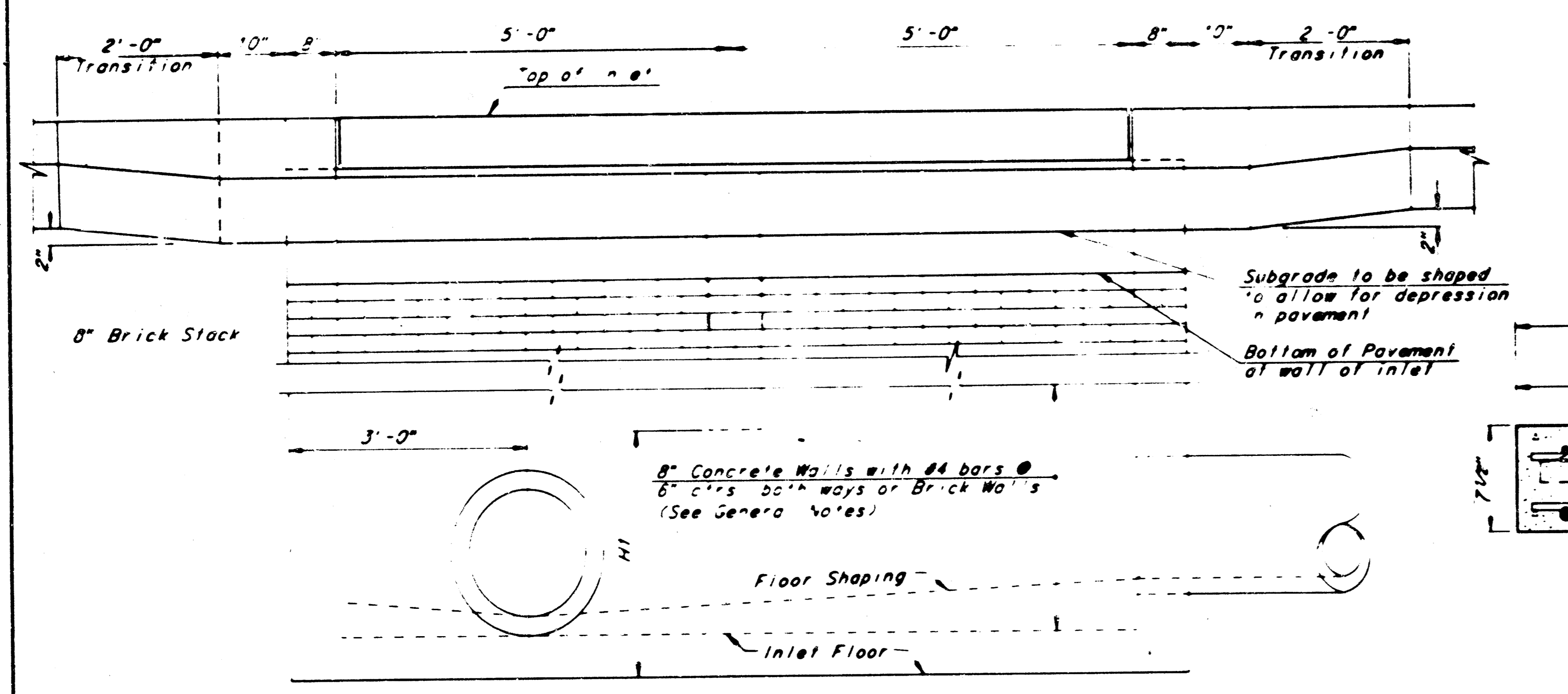
**BAUGHMAN COMPANY, P.A.**  
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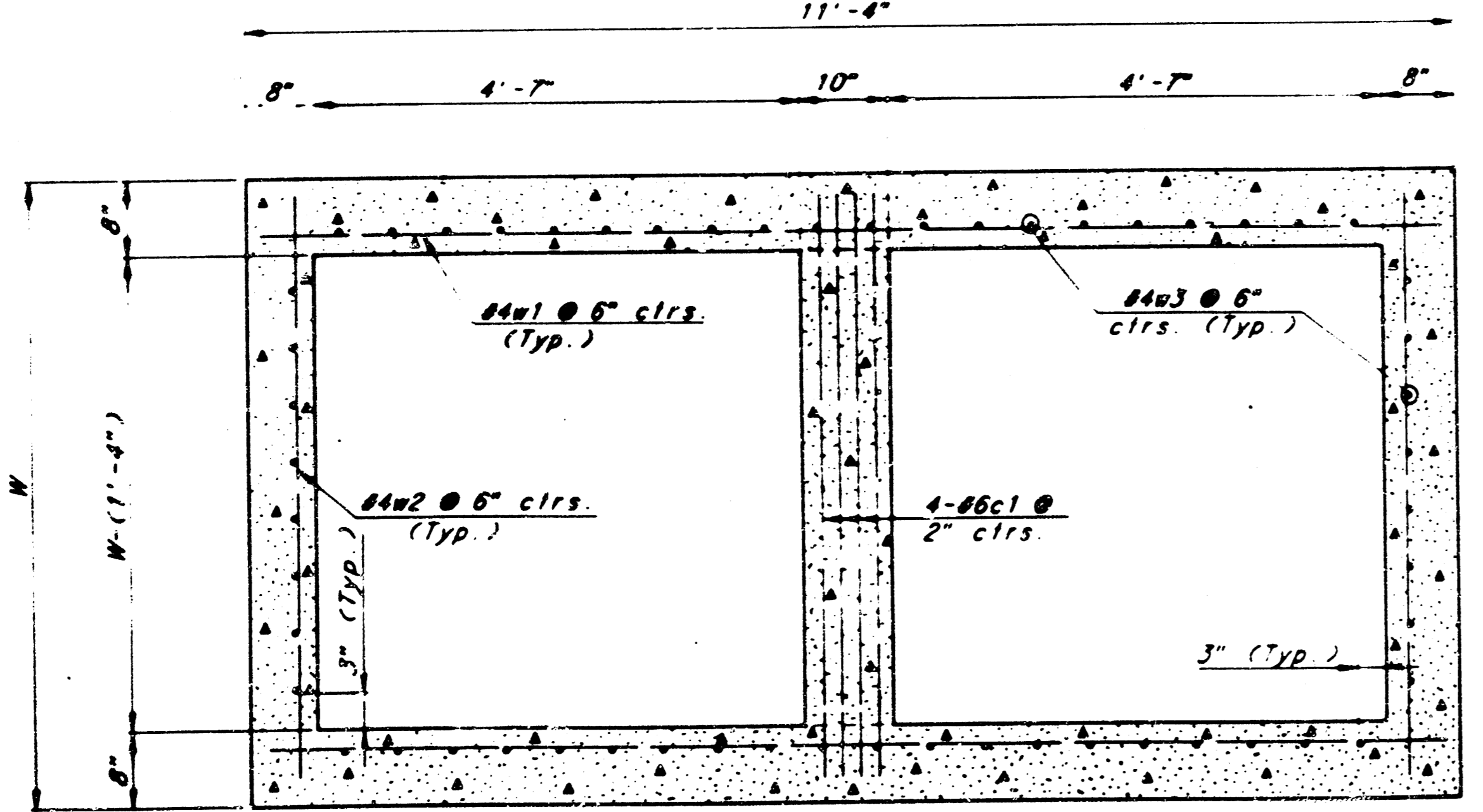
Sheet 3 of 5



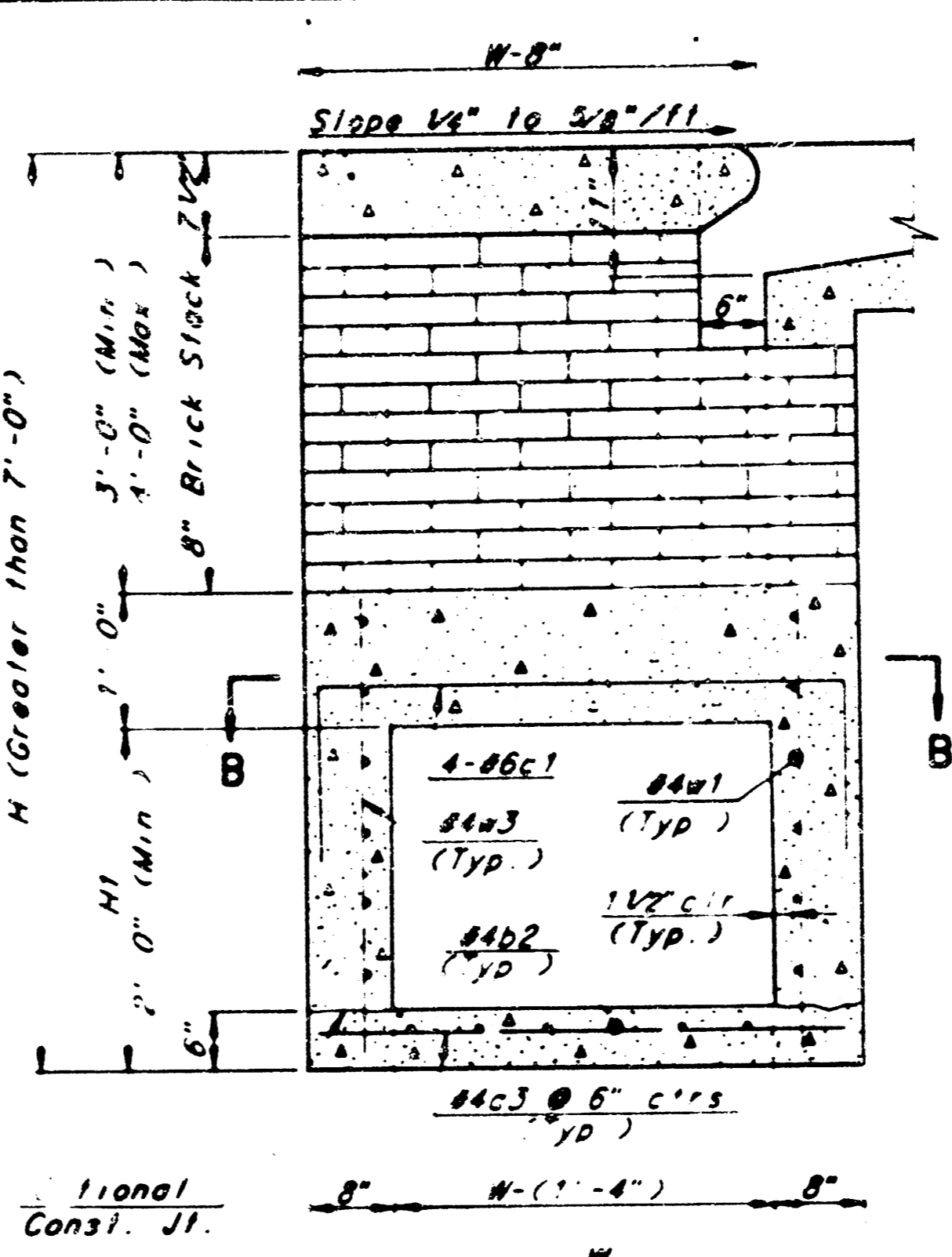
PLAN



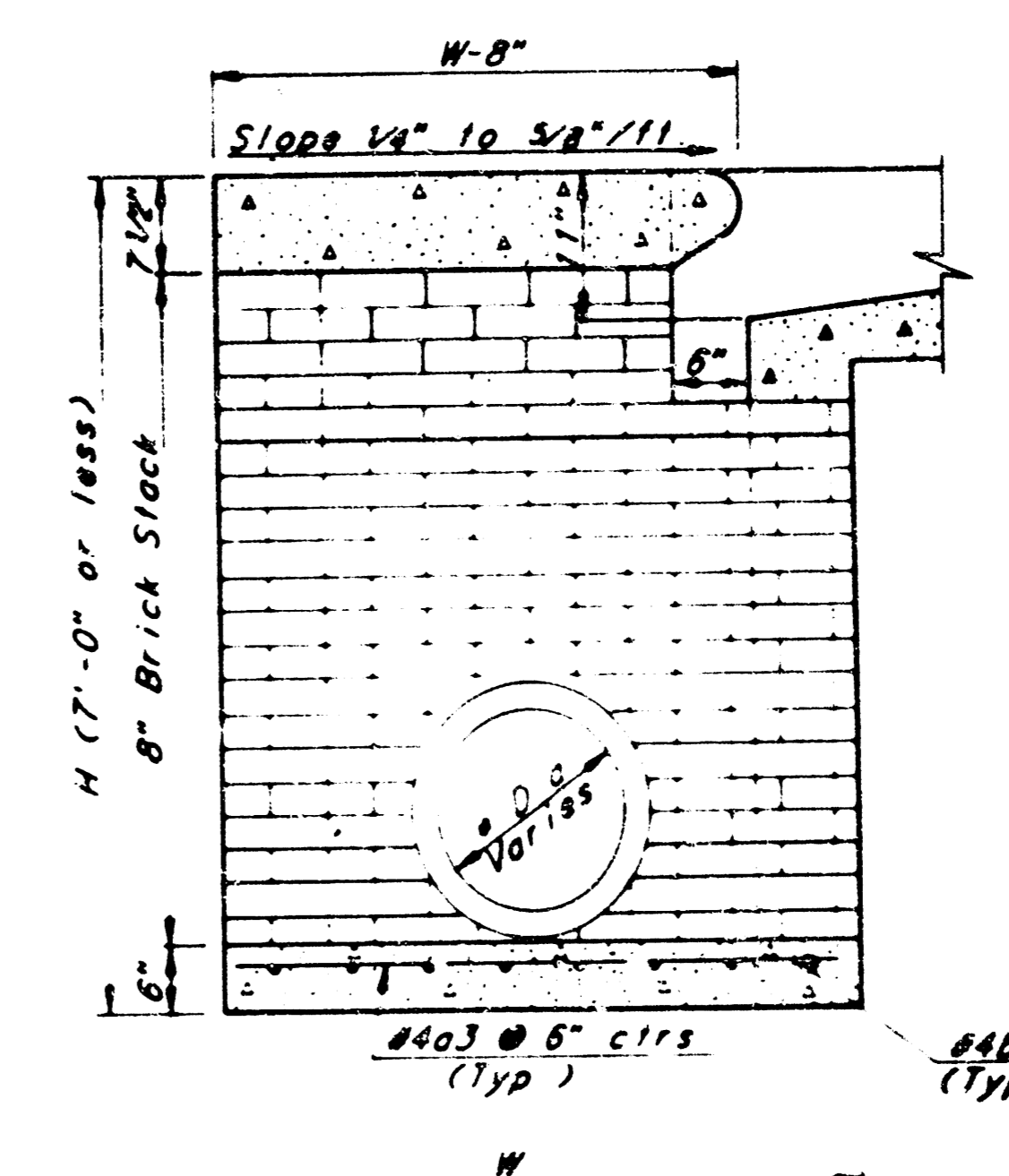
ELEVATION



SECTION B-B

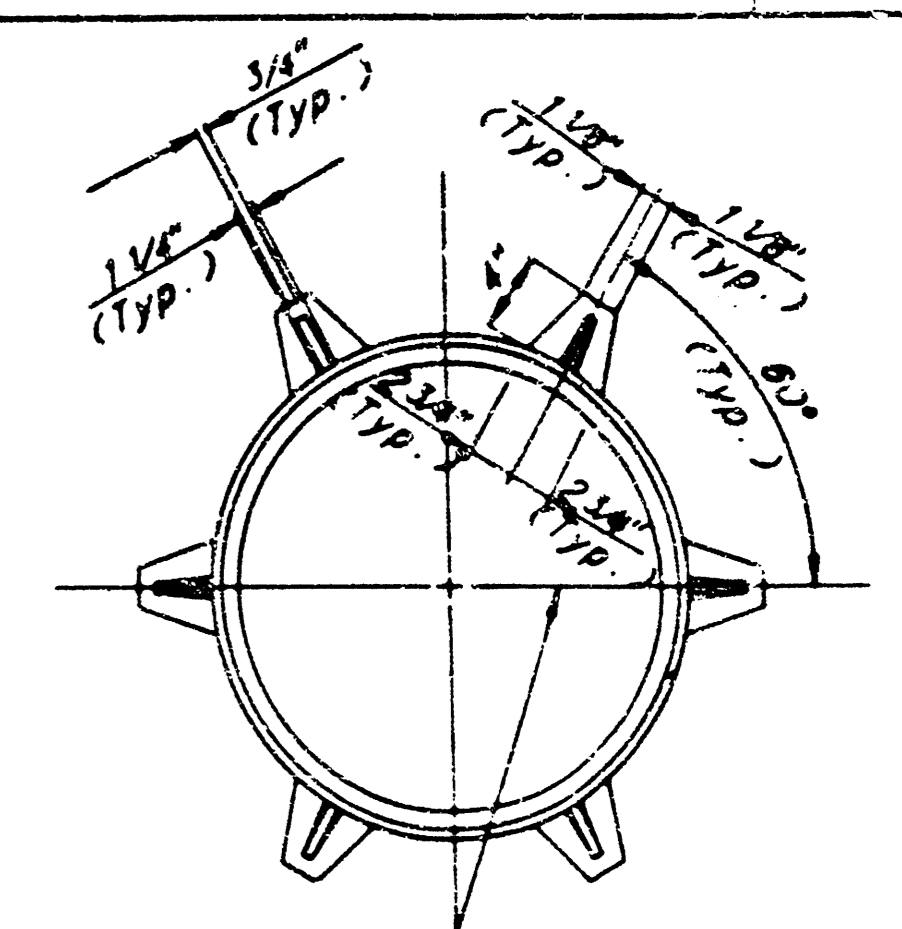


TYPICAL INLET SECTION AT CENTER WALL (REINFORCED CONCRETE WALLS)

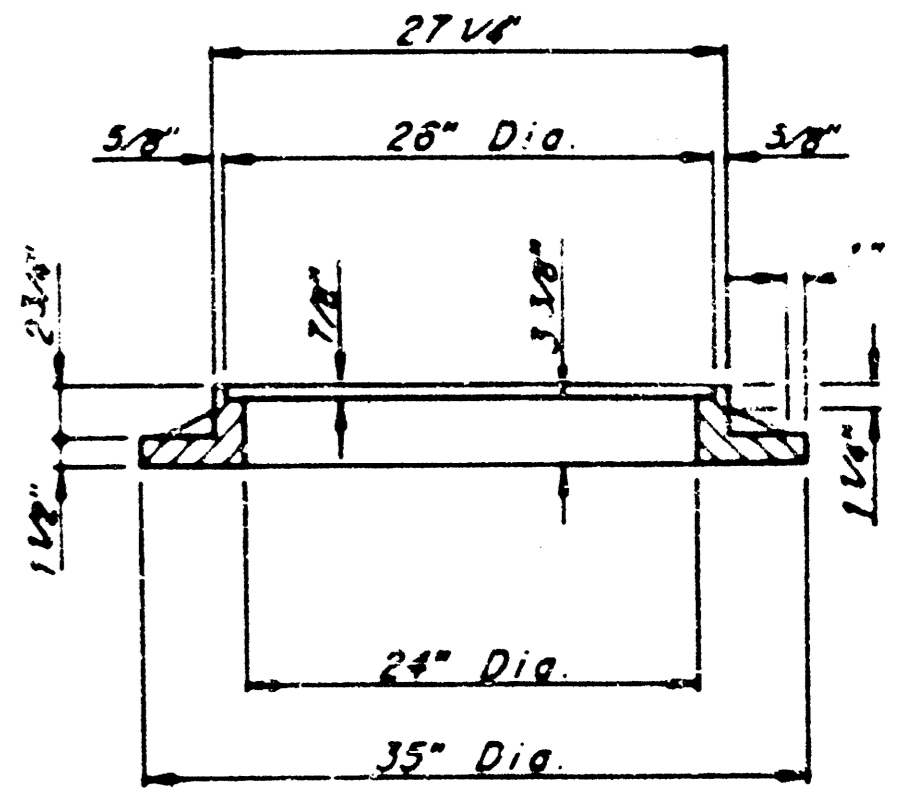


TYPICAL INLET SECTION AT CENTER WALL (MASONRY WALLS)

A center wall opening shall be provided by means of a section of reinforced concrete pipe. The minimum diameter used shall be that of the outlet pipe.

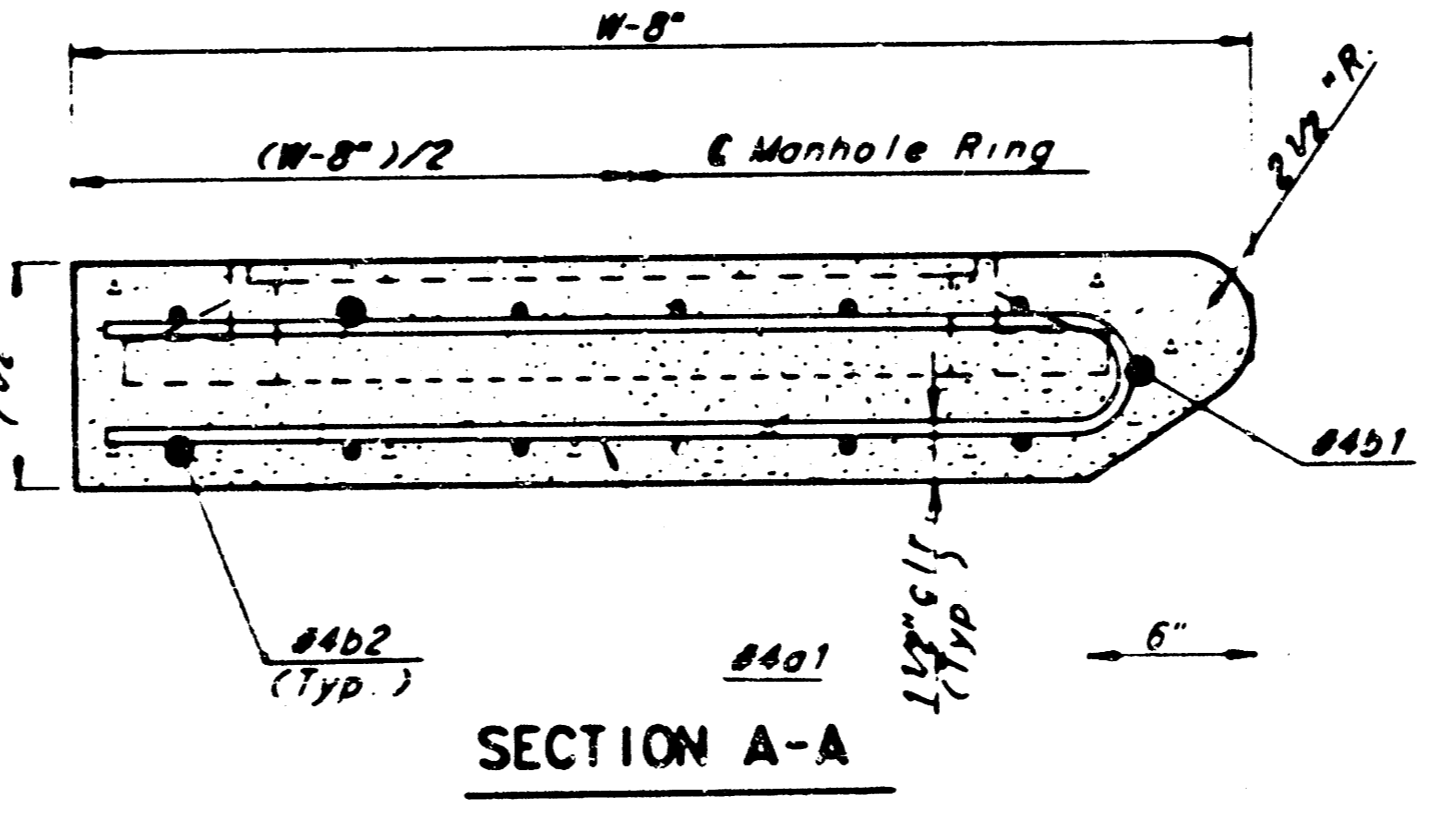


CAST IRON INLET RING

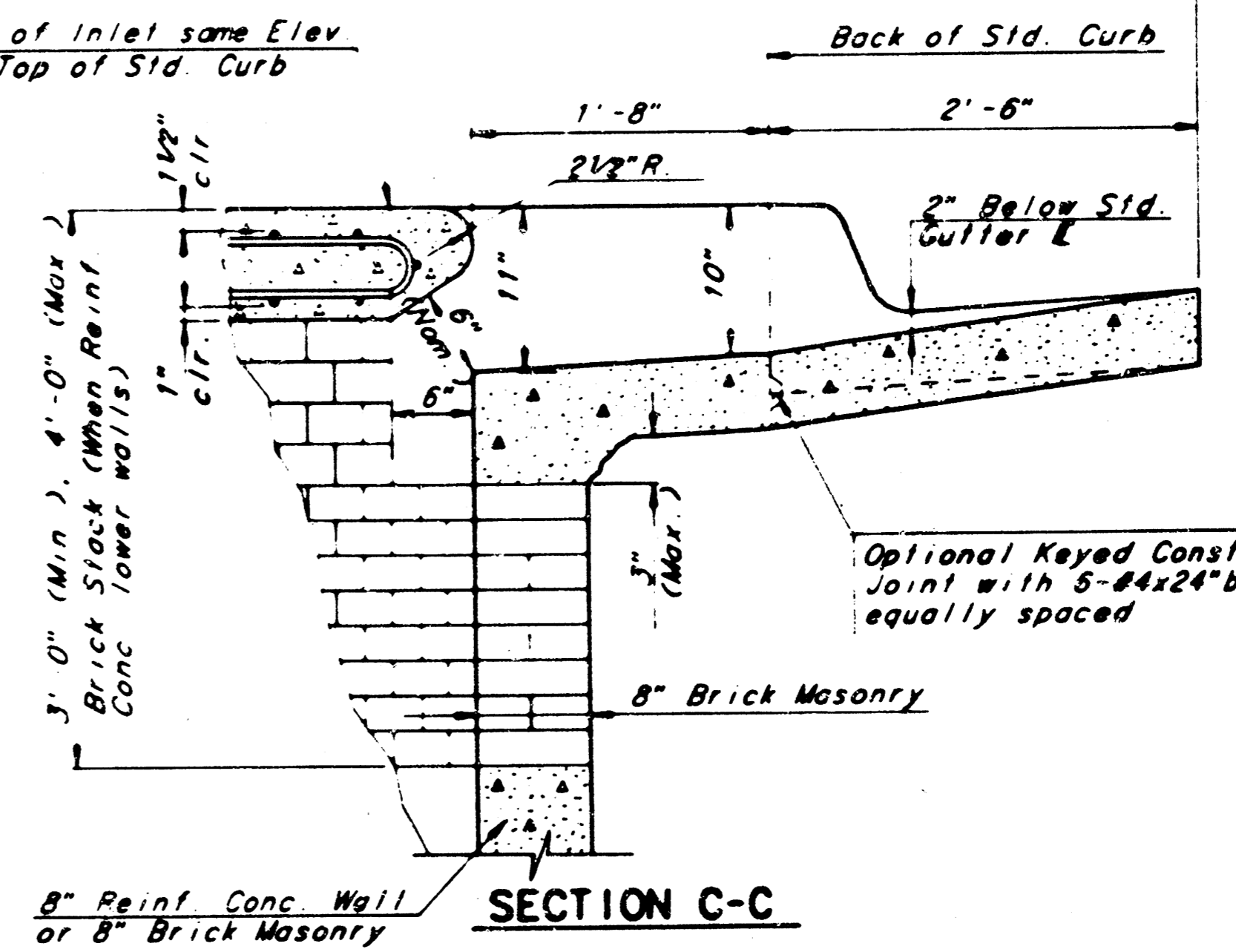


WI-180 lbs.

See City of Wichita Standard Manhole Frame and Cover Detail Sheet for Cover Details to be used with Inlet Frame.



SECTION A-A



SECTION C-C

GENERAL NOTES

- THE CONTRACTOR SHALL BE REQUIRED TO CONSTRUCT 8" BRICK MASONRY WALLS BETWEEN THE CONCRETE INLET BASE AND TOP ON THIS INLET WHEN W=4'-4" OR LESS AND H=7'-0" OR LESS. WHEN W IS GREATER THAN 6'-4" AND H IS LESS THAN 7'-0" THE OUTSIDE INLET WALLS BELOW THE BRICK STACK SHALL BE REINFORCED CONCRETE CONSTRUCTION AND THE CENTER WALL SHALL BE OF MASONRY CONSTRUCTION AS SHOWN FOR THE MASONRY WALL OPTION.
- 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.
- CONCRETE TOPS TO BE INSTALLED ON THIN MORTAR CUSHION TO INSURE FULL SUPPORT ALONG BRICK WALLS. CONCRETE TOPS MAY BE CAST IN PLACE OR PRECAST. CONCRETE USED FOR INLET CONSTRUCTION SHALL BE CONCRETE PAVEMENT MIX.
- INLET TOP REINFORCING SHALL BE SPACED ON 6" MAX. CENTERS. INLET LIDS SHALL BE NOTCHED OUT AS INDICATED TO FACILITATE CONSTRUCTION OF CURB BARS IN INLET TOP TO BE FIELD BENT OR CUT TO CLEAR MANHOLE RING.
- THE ENDS OF ALL PIPES INSTALLED IN INLETS SHALL BE CUT OFF FLUSH WITH THE INSIDE FACE OF THE INLET WALL.

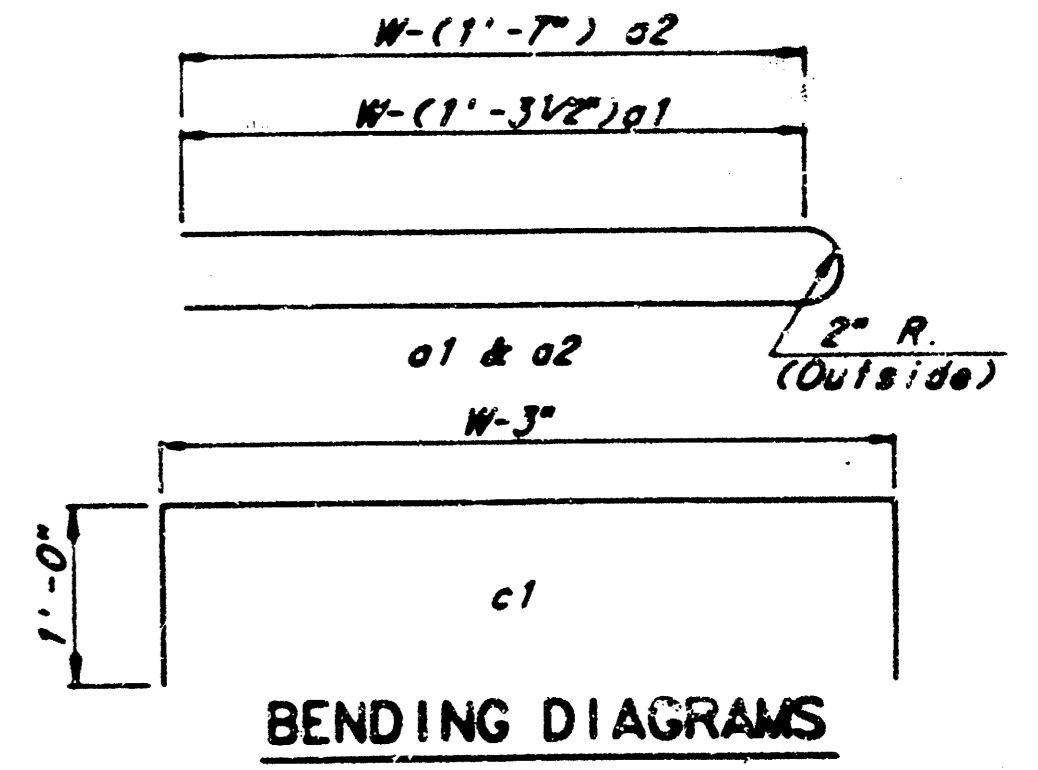
SLAB AND FLOOR REINFORCING

MARK	SIZE	W=4'-4"		W=5'-4"		W=6'-4"		W=7'-4"		W=8'-4"	
		NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH
a1	#4	13	6'-7 1/4"	13	8'-7 1/4"	13	10'-7 1/4"	13	12'-7 1/4"	13	14'-7 1/4"
a2	#4	2	6'-0"	2	8'-0"	2	10'-0"	2	12'-0"	2	14'-0"
a3	#4	20	4'-1"	20	5'-1"	20	6'-1"	20	7'-1"	20	8'-1"
b1	#4	1	9'-8"	1	8'-8"	1	9'-8"	1	9'-8"	1	9'-8"
b2	#4	18	11'-1"	24	11'-1"	30	11'-1"	36	11'-1"	42	11'-1"

WALL REINFORCING

MARK	SIZE	W=4'-4"		W=5'-4"		W=6'-4"		W=7'-4"		W=8'-4"	
		NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH
c1	#6	4	6'-1"	4	7'-1"	4	8'-1"	4	9'-1"	4	10'-1"
w1	#4	1	11'-1"	1	11'-1"	1	11'-1"	1	11'-1"	1	11'-1"
w2	#4	1	4'-1"	1	5'-1"	1	6'-1"	1	7'-1"	1	8'-1"
w3	#4	2	3	2	3	2	3	2	3	2	3

\* Field bend or cut Reinforcing as required for clearance  
 ① 4(HI-5")-4 (HI-6") Rounded down to nearest 0.5'  
 ② 40x4(W-16") ③ HI(9")



BENDING DIAGRAMS

STANDARD TYPE 1A CURB INLET  
 INLET OPENING = 6" x 10'-0"

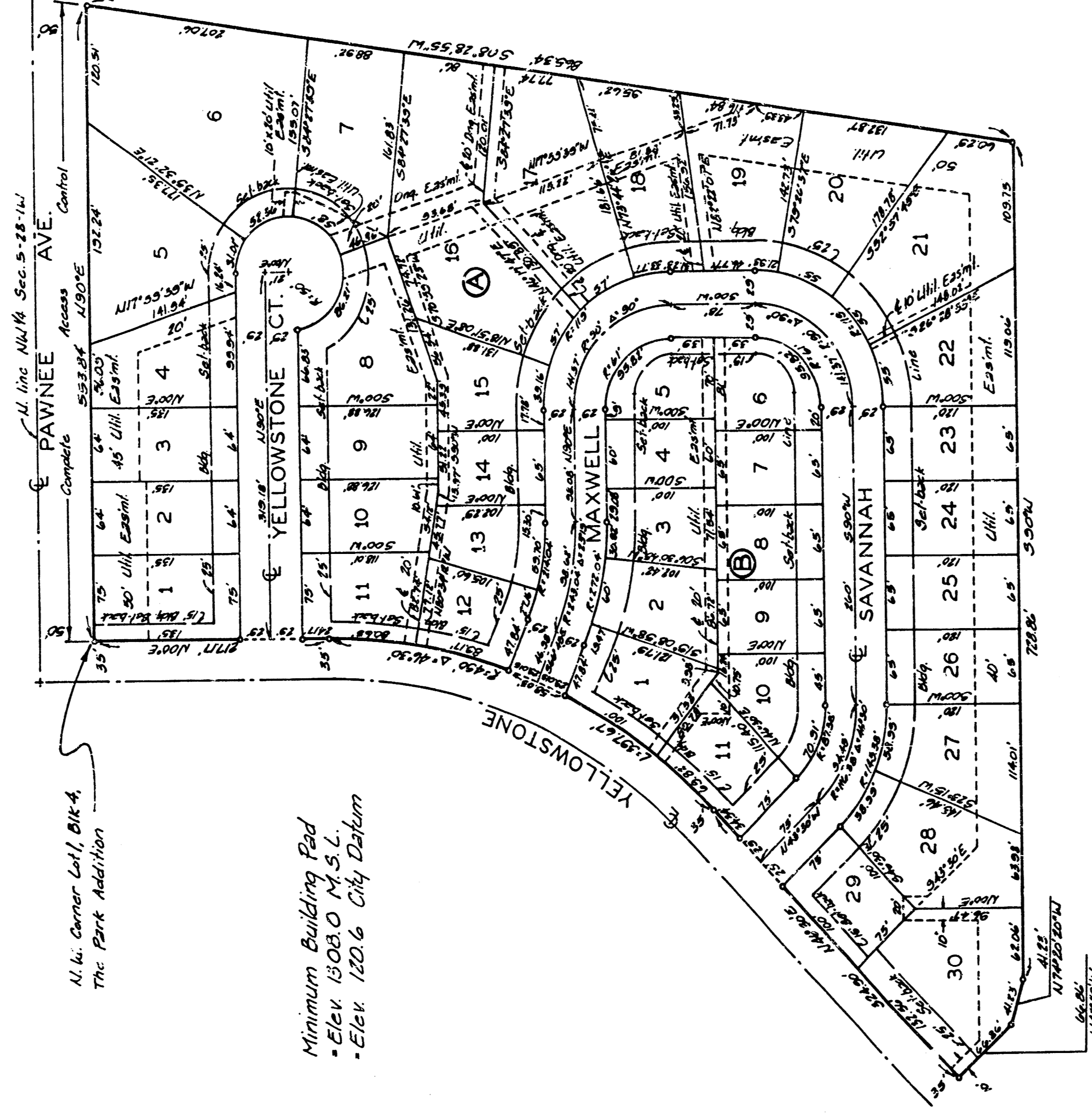
488-76-245-81874-000-001 WICHITA, KANSAS 4/5

Designed by BEH, KJS, MEG Checked by LRP  
 Drawn by JPP Date 11/28/84

REVISED 12-21-84

# WOODLAND AT THE PARK

WICHITA, KANSAS



Minimum Building Pad  
 • Elev 1508.0 M.S.L.  
 • Elev 122.6 City Datum

BENCH MARK: City Standard Disc.  
 25 E. 1/4 S. of S.W. Cor of NW 1/4  
 Sec. 5, Twp. 28-S, R. 14-W  
 Elevation - 145.94 City Datum

ON SITE BENCH MARKS: 7 on U  
 edge drive @ SW. Cor. Lot 30, Blk. A  
 Elevation - 194.68 City Datum

"1" Call top of curb E. Side Yellow-  
 stone @ NW. Cor. Lot 11, Blk. A  
 Elevation - 122.46 City Datum

State of Kansas } s. s. We, Baughman Company, P.A. Surveyors  
 Sedgewick County, do hereby certify that we have  
 in and around county and state do hereby certify that we have  
 surveyed and added "WOODLAND AT THE PARK" Wichita,  
 Kansas, and that the accompanying plat is a true and cor-  
 rect copy of the property surveyed described as and  
 being a portion of the Park Addition to  
 Wichita, Sedgewick County, Kansas, being situated in the  
 NW 1/4 of Sec. 5, Twp. 28-S, R. 14-W of the 6th P.M., Sedgewick  
 County, Kansas.

This plat of "WOODLAND AT THE PARK"  
 Wichita, Kansas, has been submitted to and approved by the  
 Wichita-Sedgewick County Metropolitan Area Planning Commission,  
 Wichita, Kansas.

Dated this \_\_\_\_\_ day of \_\_\_\_\_, 198\_\_  
 \_\_\_\_\_ Chairman  
 \_\_\_\_\_ Secretary

This plat approved and all dedications  
 shown hereon accepted by the City Council of the City of Wichita,  
 Kansas, this \_\_\_\_\_ day of \_\_\_\_\_, 198\_\_.

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, and streets to be  
 known as "WOODLAND AT THE PARK" Wichita, Kansas. The  
 utility easements are hereby granted as indicated for the en-  
 tire term of the plat. The drainage  
 direction and maintenance of all public utilities. The drainage  
 easements are hereby granted as indicated for drainage purposes.  
 The streets are hereby dedicated to and for the use of the public.  
 All rights of access to or from Pawnee Ave. over and  
 across the front line of lots 1, 2, 3, 4, 5 and 6, block A, are here-  
 by granted to the appropriate governing body.

Entered on transfer record this \_\_\_\_\_  
 day of \_\_\_\_\_, 198\_\_  
 \_\_\_\_\_ County Clerk

State of Kansas } s. s. This is to certify that this plat has been  
 Sedgewick County, filed for record in the office of the Register of Deeds this  
 \_\_\_\_\_ day of \_\_\_\_\_, 198\_\_, at  
 o'clock \_\_\_\_\_, and is duly recorded.  
 \_\_\_\_\_ Register of Deeds  
 \_\_\_\_\_ Deputy

John S. Lewis \_\_\_\_\_ Genesis J. Lewis  
 State of Kansas } s. s. The foregoing instrument acknowledged  
 before me this \_\_\_\_\_ day of \_\_\_\_\_, 198\_\_, by  
 John S. Lewis and Genesis J. Lewis, his wife.  
 My Appl. Exp. \_\_\_\_\_ Notary Public