

Street Improvements For
ASHLEY PARK II ADDITION

BROWN THRUSH CIRCLE: From Brown Thrush Ct. to and Including Cul-De-Sac.
DOUGLAS: Cul-De-Sac Along the East Line Ashley Park II Addition.

Project No.

472-76-245-82151-000-000-001

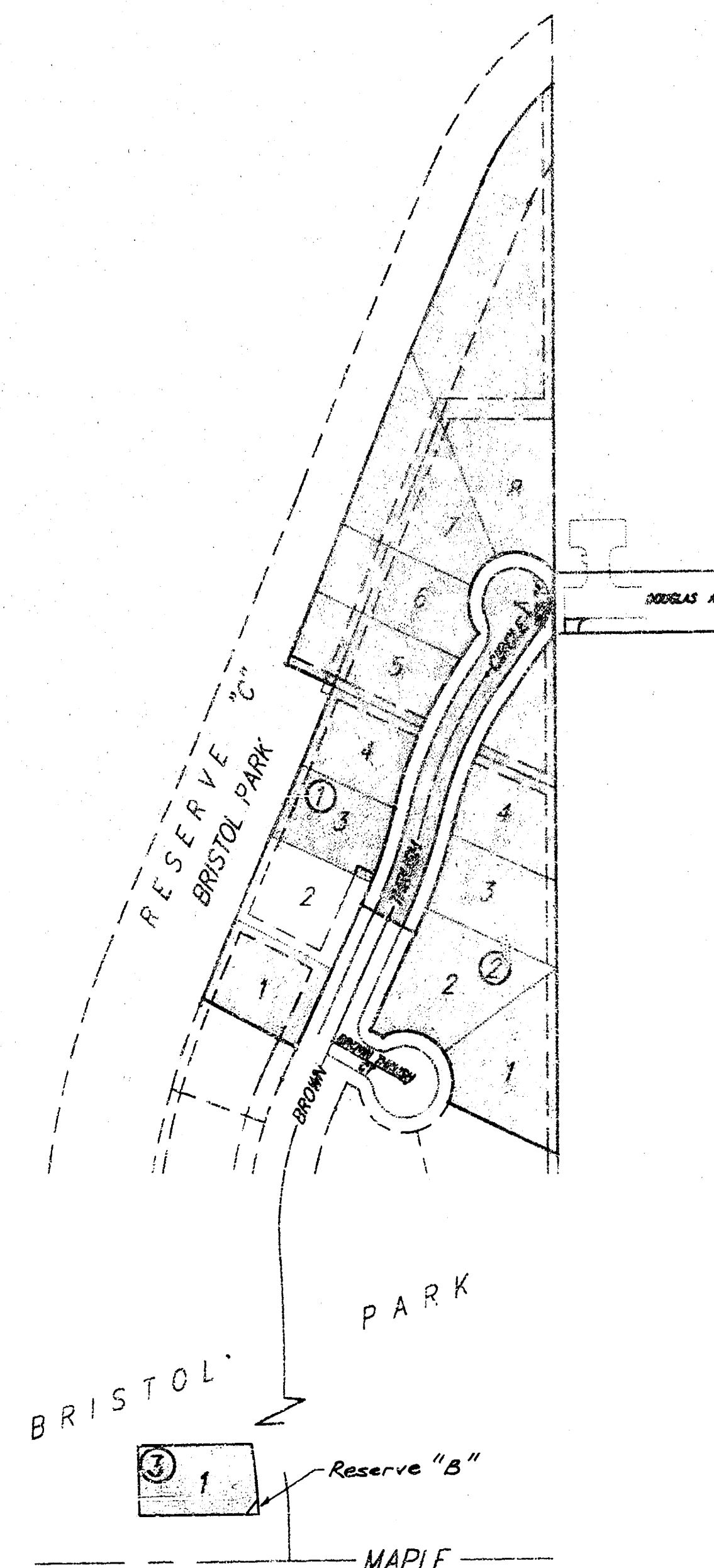
City of Wichita, Kansas - Michael E. Lindebak, City Engineer

INDEX CODE 761155

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Scale: 1" = 100'

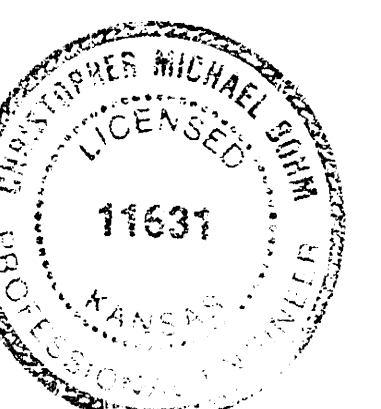


Booked 2-12-93
Per Plan, LKp
D-199

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 occupied 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. 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 waters 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.
3. This project includes a certain amount of roll type curb construction. Roll Curb shall be destroyed through all driveway openings when such drives are constructed as a part of the project.
4. No more than 3 drives 18 feet in width, or equivalent combinations thereof, are to be constructed with this project.
5. 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.

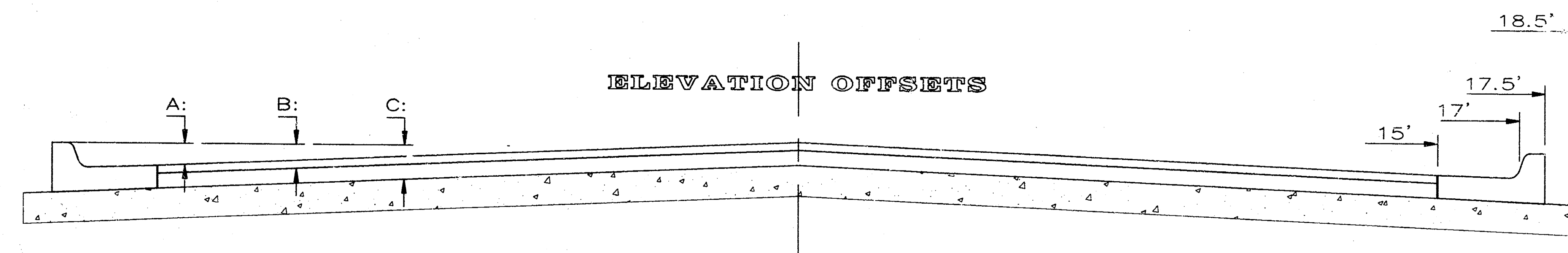
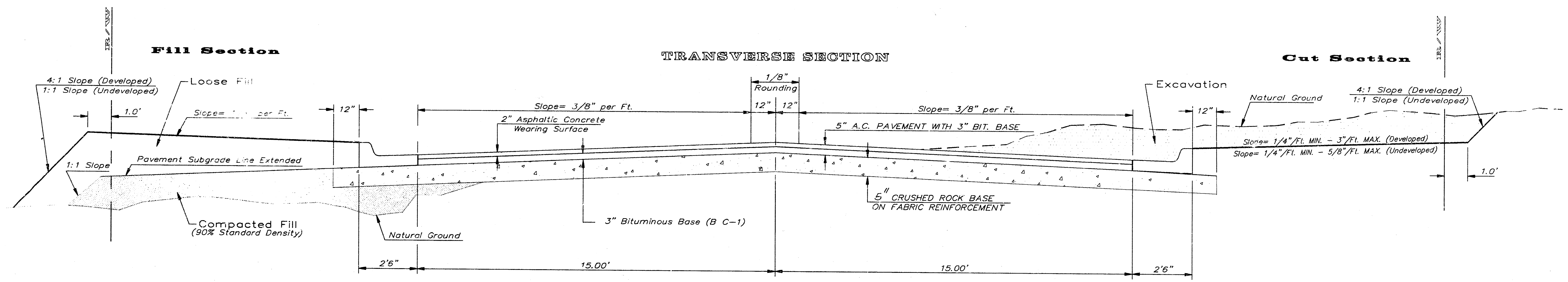
Benefit District



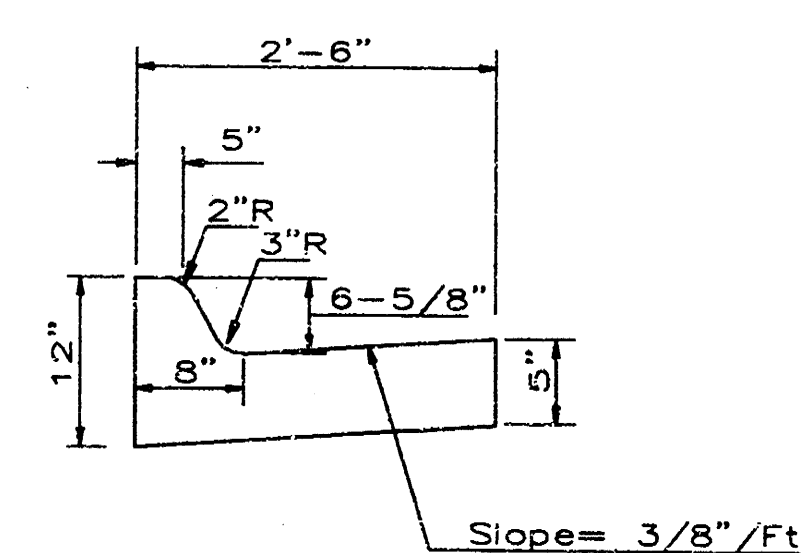
12/20/21

BAUGHMAN COMPANY
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316/212-7271 • 315 ELLIS • WICHITA, KANSAS 67201

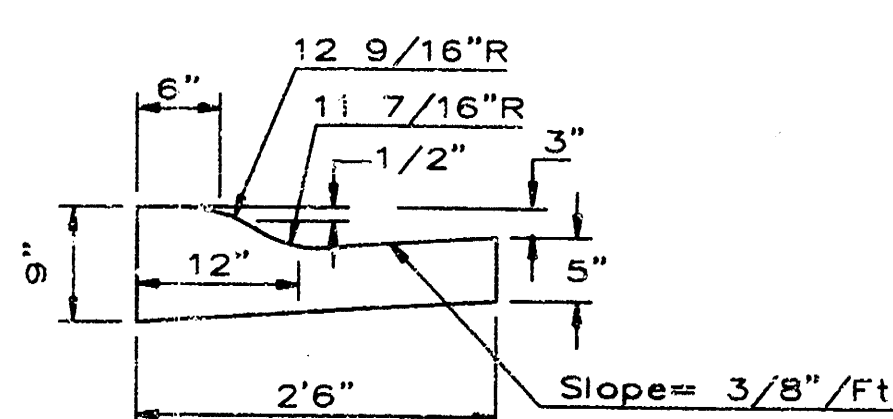
TYPICAL 35' B-B PAVEMENT DETAILS



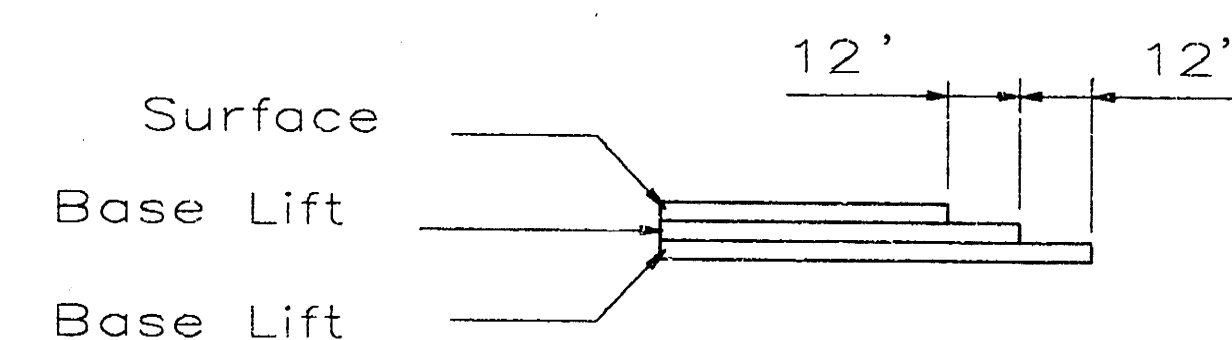
	0'	2'	4'	6'	8.5'	10'	12'	14'	15'	17'	17.5'	18.5'
A: Top of Curbs to Top of Surface Lift	0.04	0.08	0.14	0.21	0.29	0.33	0.39	0.46	0.49	—	—	—
B: Top of Curbs to Top of Upper Base Lift	0.21	0.25	0.31	0.37	0.45	0.50	0.56	0.62	0.65	—	—	—
C: Top of Curbs to Top of C. R. Subgrade	0.46	0.50	0.56	0.63	0.71	0.75	0.81	0.88	0.91	0.97	0.98	1.01



COMBINED CURB & GUTTER

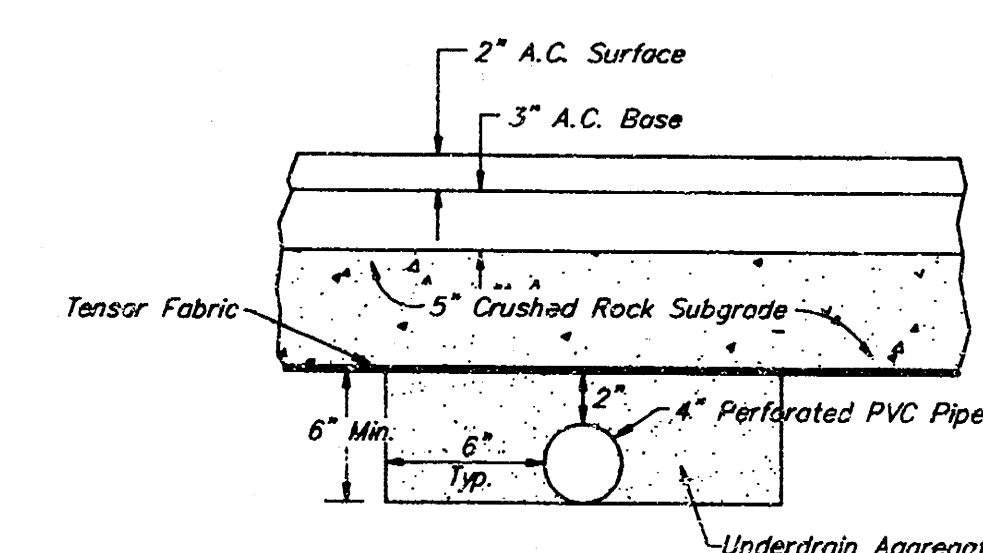


COMBINED ROLL TYPE CURB & GUTTER



TRANSVERSE CONSTRUCTION JOINTS

Transverse construction joints shall be constructed in flexible base pavements at locations where pavement 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\"/>

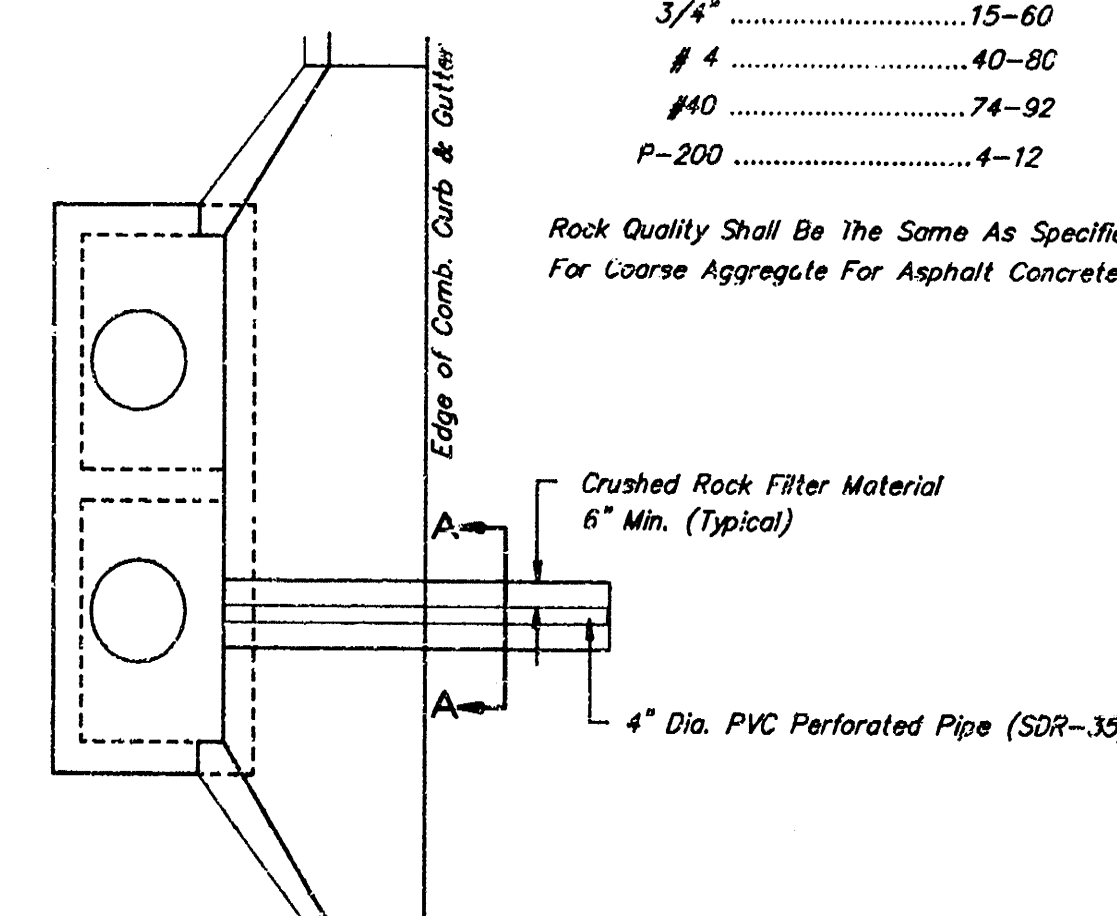


SECTION A-A

CRUSHED ROCK GRADATION REQUIREMENTS	Percent of Aggregate Retained
1 1/2"	0
3/4"	15-60
#4	40-80
#40	74-92
#200	4-12

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

NOTE: Place 4\"/>



PAVEMENT UNDERDRAIN DETAIL

General Notes

FABRIC BASE REINFORCEMENT SHALL BE B X 1100 GEOTEXTILE 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.

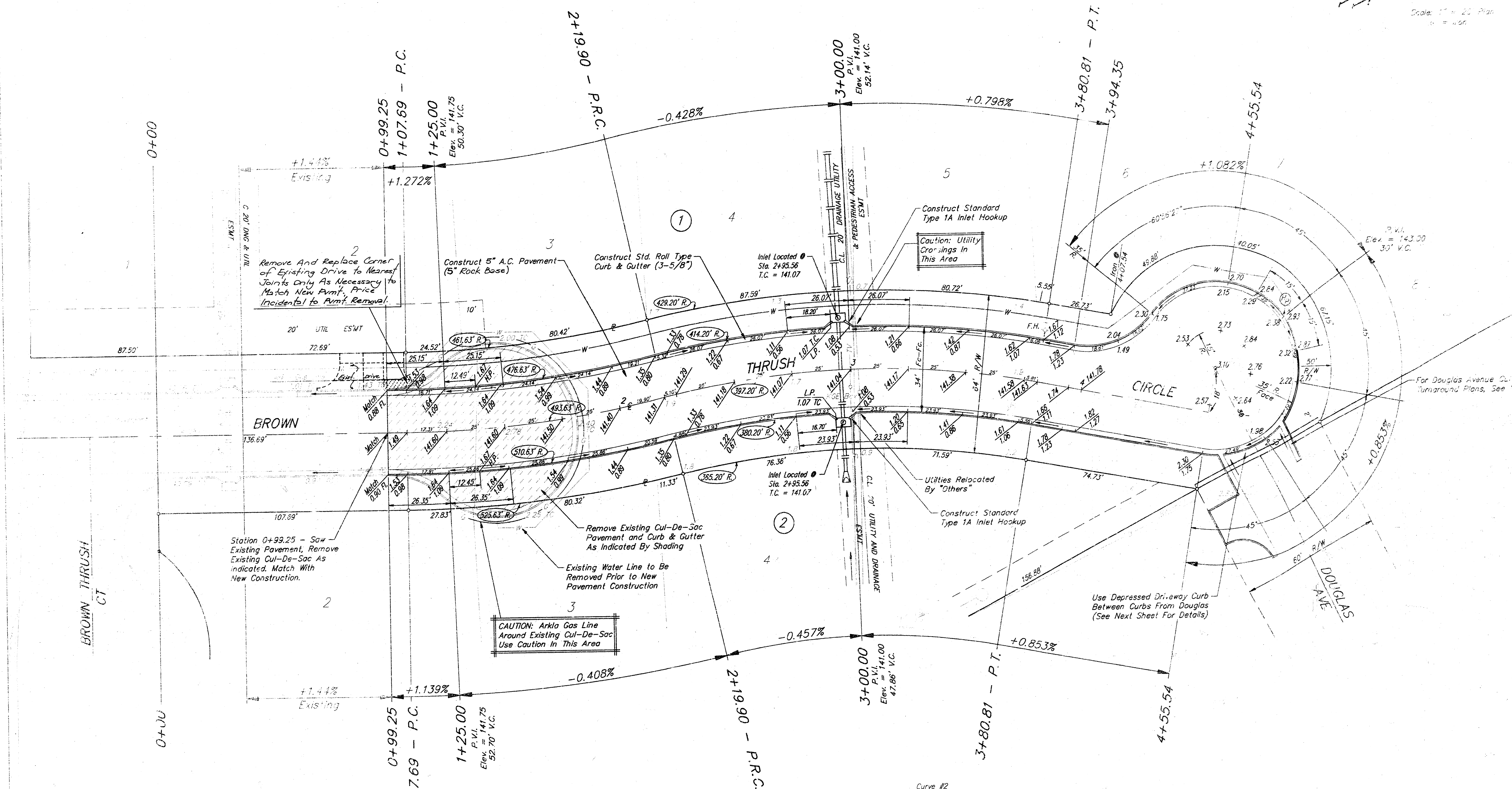
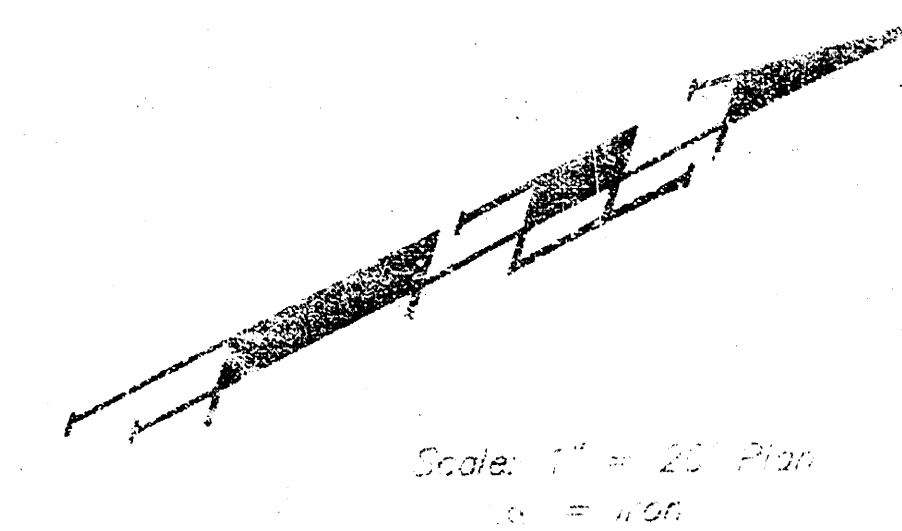
CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF ONE (1) FOOT FROM JOINTS IN PRECEDING LIFTS AND PLACED SO THAT A JOINT WILL BE CONSTRUCTED ON THE CENTERLINE OF THE TOP LIFT.

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

5 INCH Residential Asphalt Concrete Pavement with Crushed Rock Base on Fabric Reinforcement City of Wichita, Kansas				
BAUGHMAN COMPANY P. A.		ENGINEERING & SURVEYING		REV.
316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211		PROJECT NUMBER		SHEET
472 76 245		000 000 001		2 OF 8
DESIGN	DRAWN	APPROVED	DATE	SCALE

BENCH MARK:
SQUARE CUT, TOP OF SOUTH CURB
OF DOUGLAS CIRCLE, 20' EAST OF
EAST LINE OF ASHLEY PARK II
ELEVATION = 142.65 CITY DATUM
(1330.25 M.S.L.)

NOTE: ROLL TYPE CURB AND GUTTER
TO BE CONSTRUCTED ON THIS PROJECT



Earthwork Totals
Excavation = 904.1 C.Y. Comp. Fill = 1.7 C.Y.

Curve #1
Curve Data Based on Centerline
Rad. = 493.63' Delta = 130.1° 28' Tangent = 56.35'
Arc = 112.21' L.C. = 111.97' Def/Flt. = 3.48201 Min.

Station	Arc	Face Chord Lengths	Defl.	T. Defl.
1407.69	17.31'	16.43'	18.19'	000'00"
1425.00	25.00'	23.73'	26.26'	127'03"
1450.00	25.00'	23.73'	26.26'	127'03"
1475.00	25.00'	23.73'	26.26'	127'03"
1500.00	25.00'	23.73'	26.26'	127'03"
2+19.90	19.90'	18.89'	20.91'	109'17"

Curve #2
Curve Data Based on Centerline
Rad. = 397.2' Delta = 23° 12' 38" Tangent = 81.57'
Arc = 160.91' L.C. = 159.81' Def/Flt. = 4.32742 Min.

Station	Arc	Face Chord Lengths	Defl.	T. Defl.
2+19.90	5.10'	5.42'	4.79'	000'00"
2+25.00	5.10'	5.42'	4.79'	022'04"
2+50.00	25.00'	26.57'	23.42'	148'11"
2+75.00	25.00'	26.57'	23.42'	148'11"
2+92.45	17.45'	18.55'	16.35'	115'31"
2+95.56	3.11'	3.31'	2.91'	073'27"
3+00.00	4.44'	4.72'	4.16'	079'13"
3+25.00	25.00'	26.57'	23.42'	148'11"
3+50.00	25.00'	26.57'	23.42'	148'11"
3+75.00	25.00'	26.57'	23.42'	148'11"
3+80.81	5.81'	6.18'	5.44'	025'08"

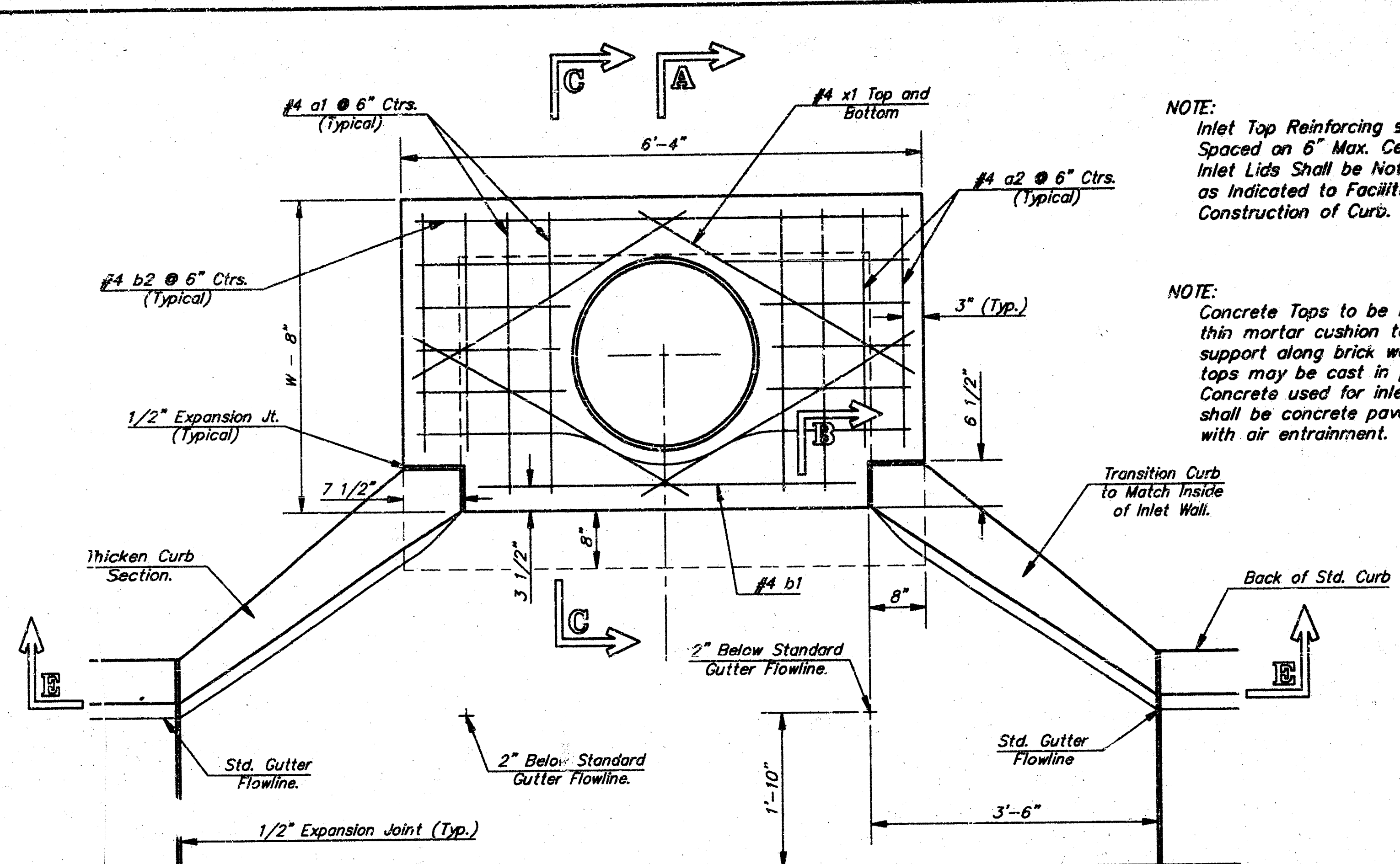
ash2/street.dwg

BROWN THRUSH CIRCLE

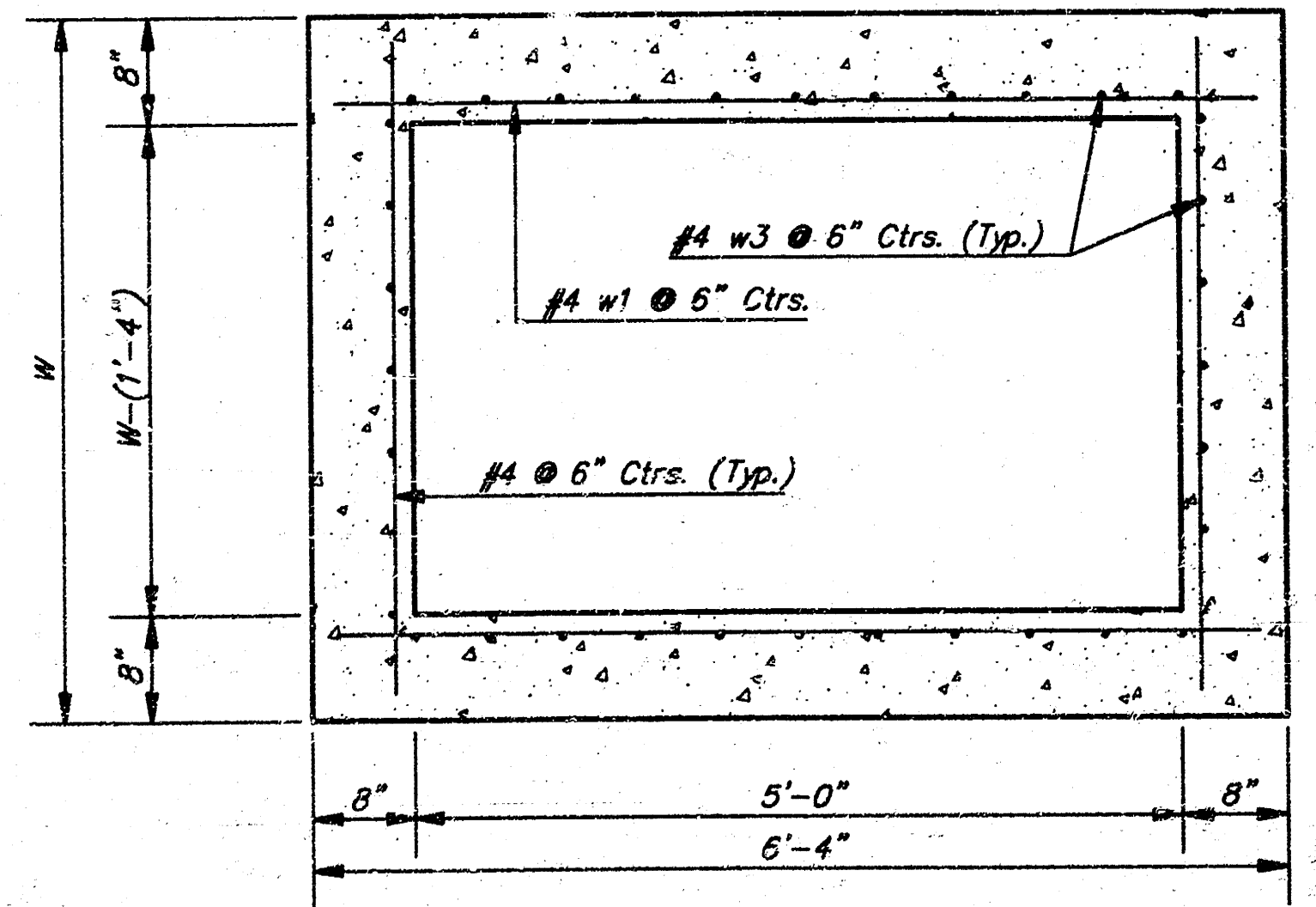
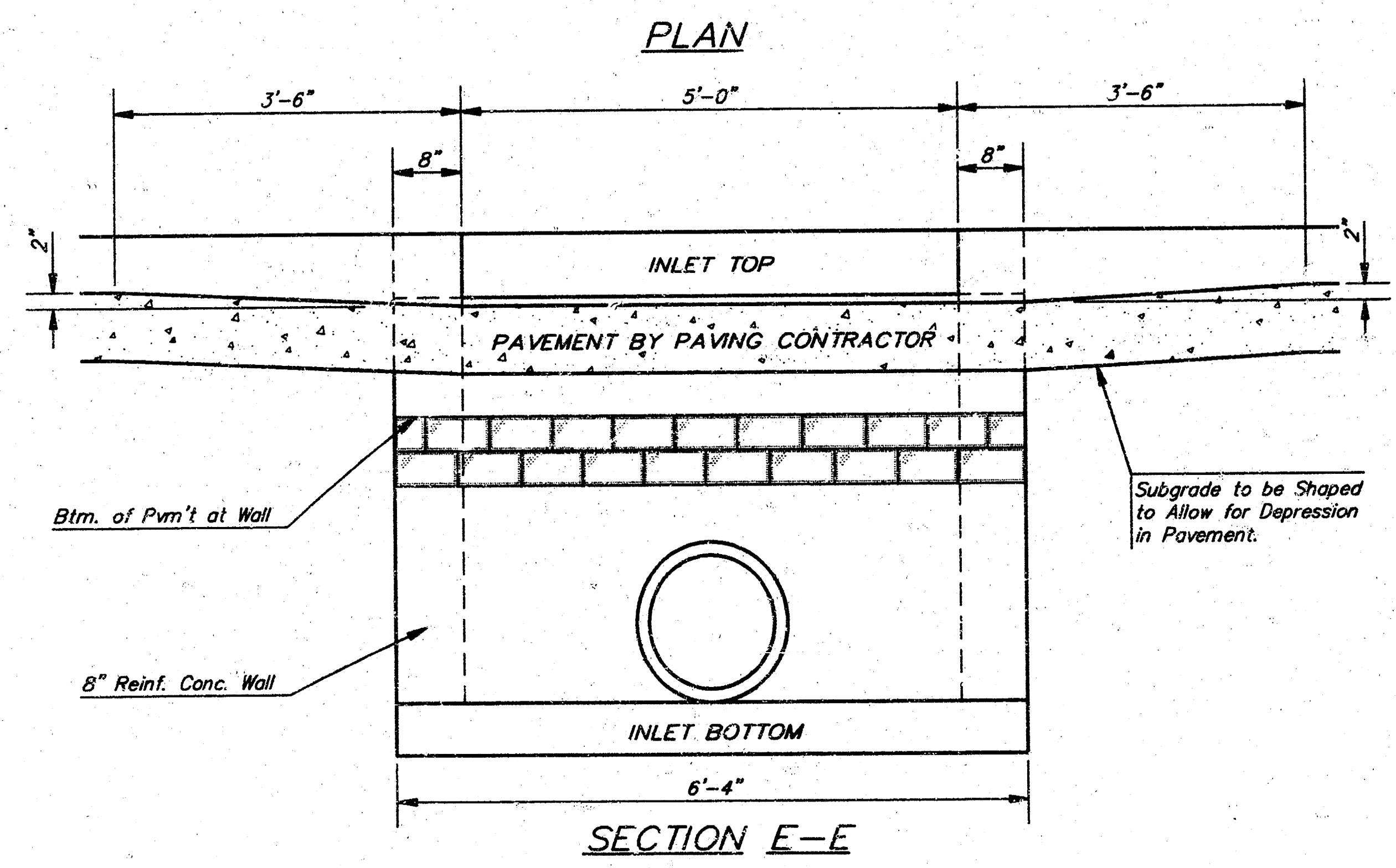
BAUGHMAN COMPANY P. A.
ENGINEERING & SURVEYING
316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER
472-76-245-82151-000-001

DESIGN: C. Bohm
DRAWN: C. Bohm
APPROVED: [Signature]
DATE: Sept. 1991
SCALE: 1"=20'



NOTE: Expansion Joint Only in Curb Area With Concrete Pavement.

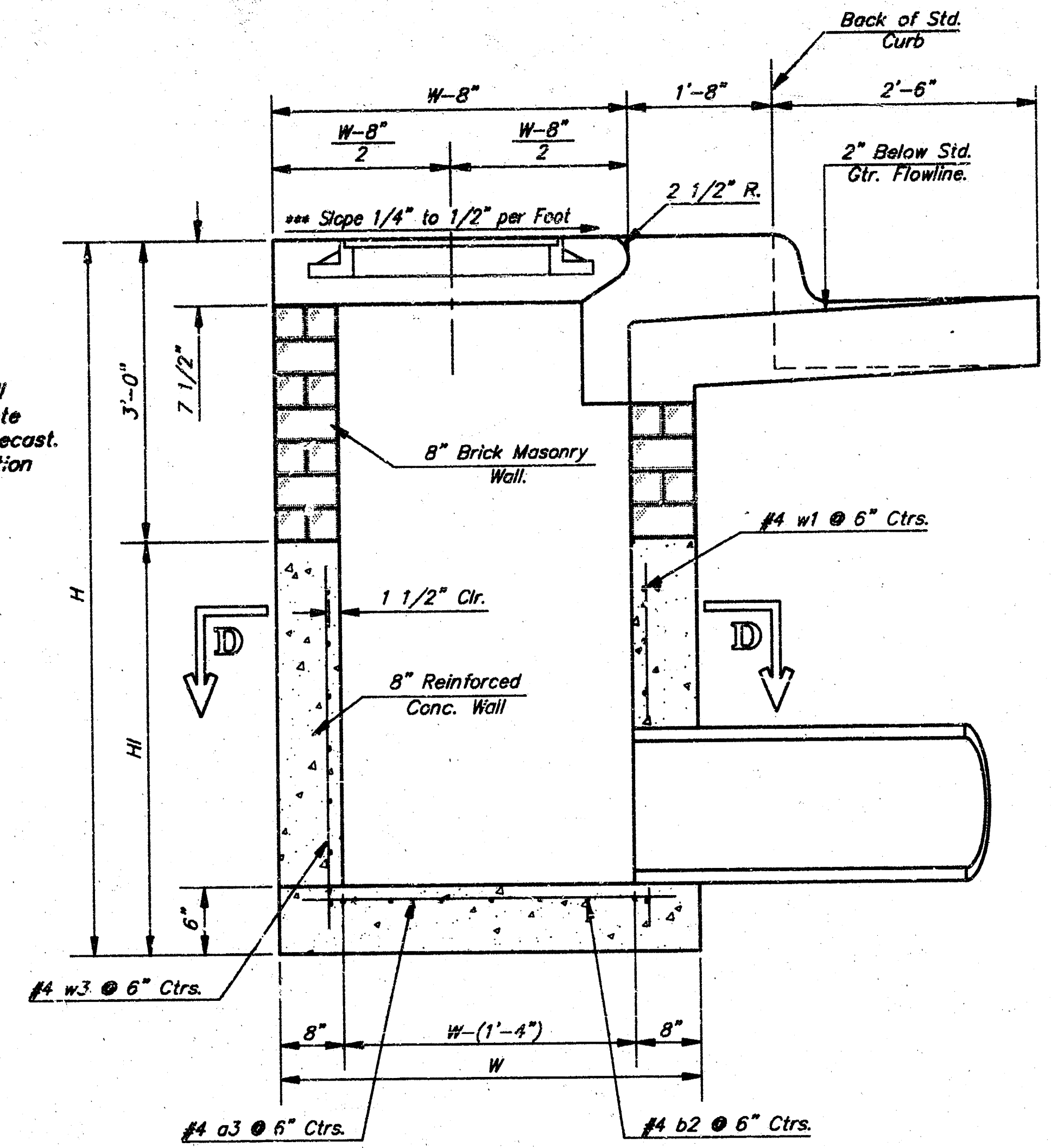


NOTE: Contractor shall have the option of constructing 8" brick masonry walls between the concrete inlet base and top on this inlet when W=6'-4" and H=7'-0" or less.

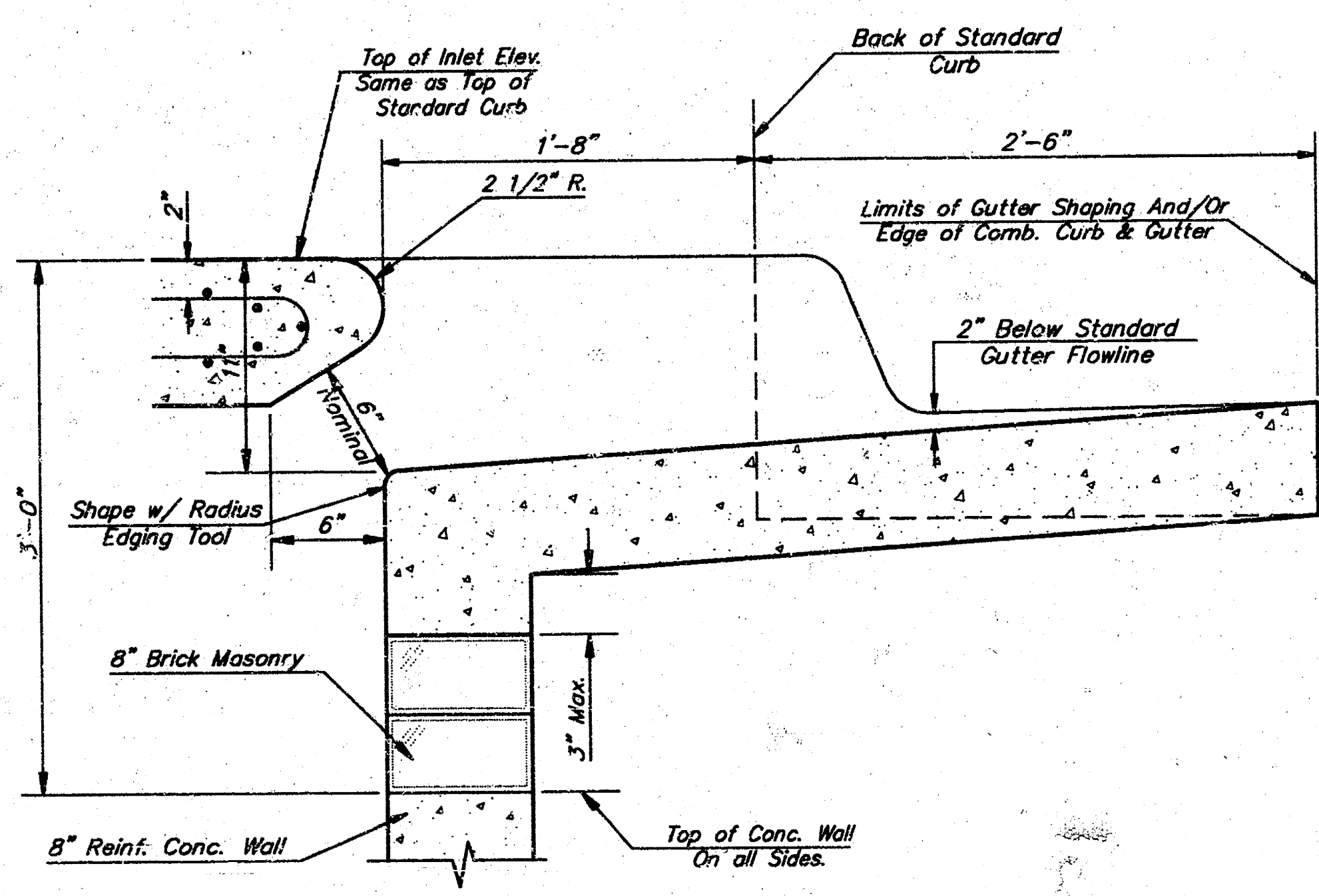
Additional curb and gutter construction necessary to connect set-back inlet to pavement will be paid for at the unit price bid for each inlet hookup.

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



NOTE: Slope of Inlet tops to Match Sidewalk or Parking Slopes within Limits Indicated.



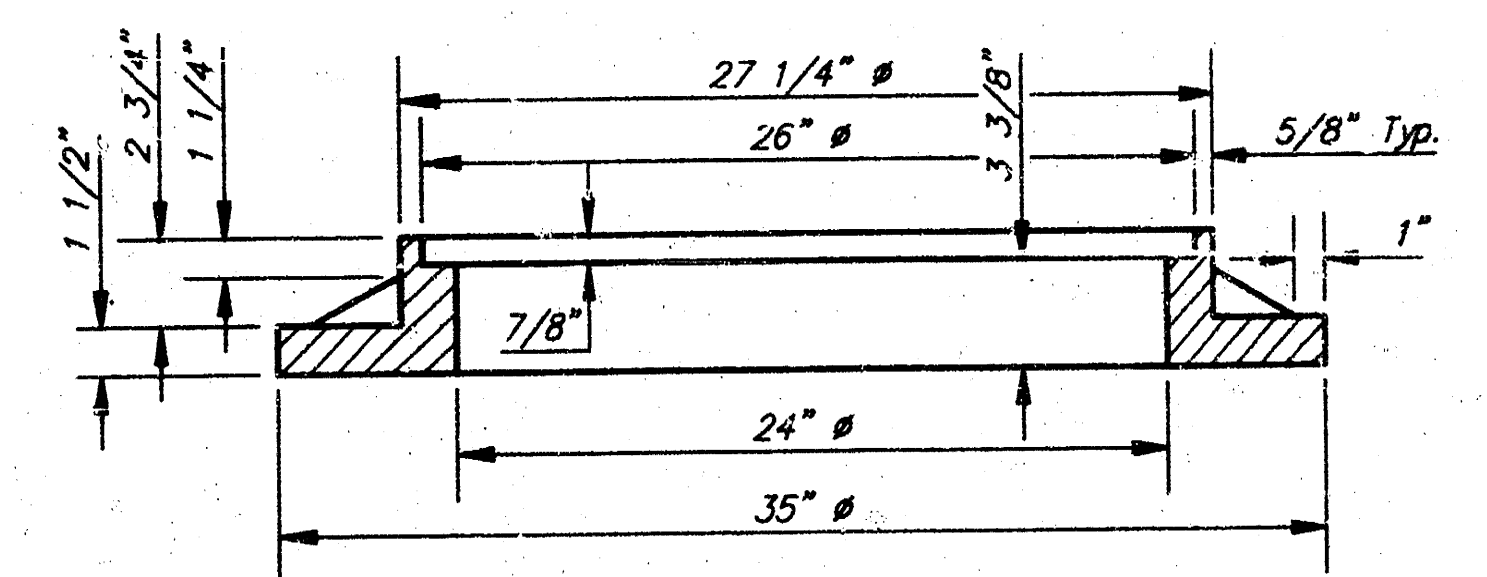
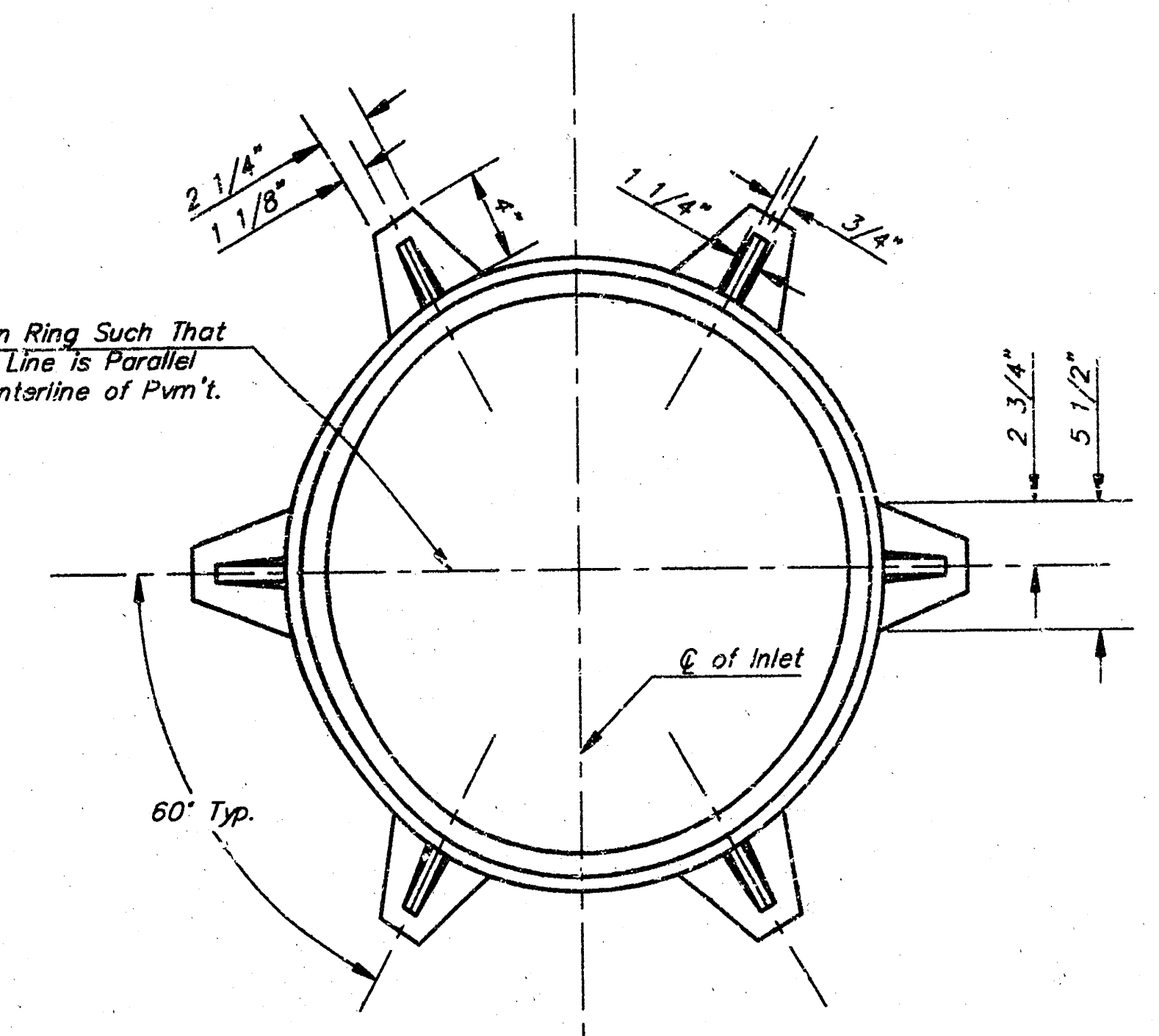
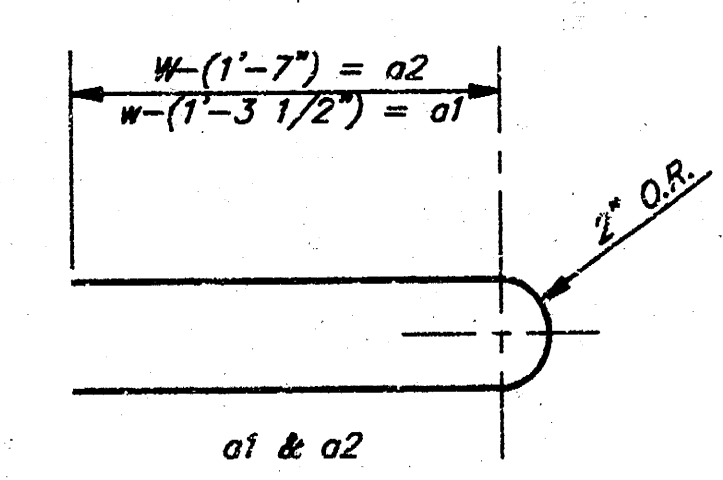
PRECAST SLAB AND FLOOR REINFORCING

MARK	SIZE	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH
a1	#4	6	6'-7"	6	8'-7"	6	10'-7"	6	12'-7"	6	14'-7"
a2	#4	4	6'-0"	4	8'-0"	4	10'-0"	4	12'-0"	4	14'-0"
a3	#4	13	4'-1"	13	5'-1"	13	6'-1"	13	7'-1"	13	8'-1"
b1	#4	1	4'-9"	1	4'-9"	1	4'-9"	1	4'-9"	1	4'-9"
b2	#4	23	6'-1"	29	6'-1"	35	6'-1"	41	6'-1"	47	6'-1"
x1	#4	8	3'-10"	8	4'-2"	8	4'-6"	8	4'-10"	8	5'-2"

WALL REINFORCING

MARK	SIZE	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH
w1	#4	①	6'-1"	①	6'-1"	①	6'-1"	①	6'-1"	①	6'-1"
w2	#4	①	4'-1"	①	5'-1"	①	6'-1"	①	7'-1"	①	8'-1"
w3	#4	32	②	36	②	40	②	44	②	48	②

* Field Bend or Cut Reinforcing as Required for Clearance.
 ① 4 (H - 12") (H - 21") Rounded down to nearest 0.5"
 ② H - 3"



STANDARD CURB INLET PRECAST TOPS

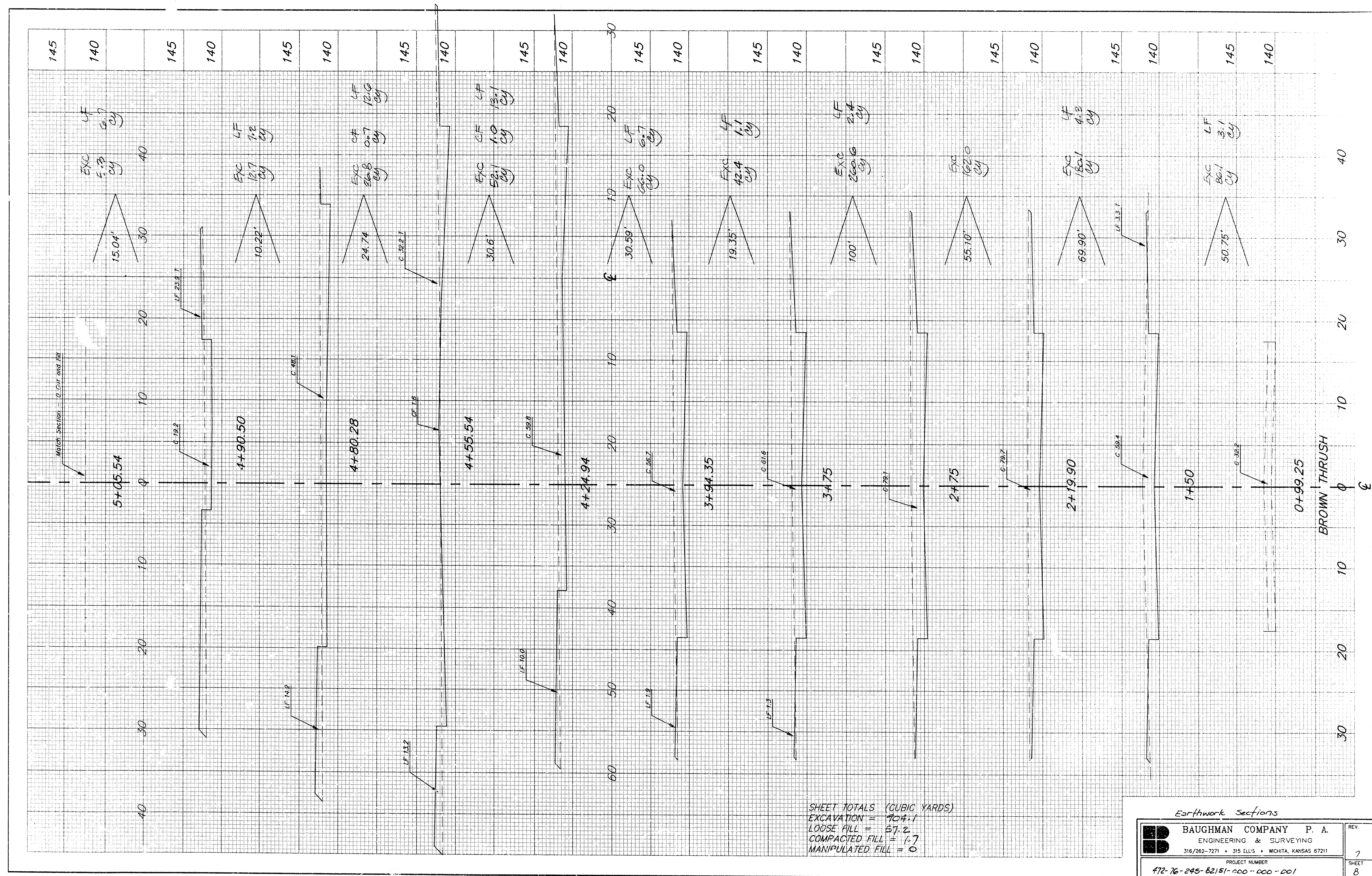
W	PRE-CAST TOP SIZE	PIPE SIZE	CU. YD. CONC.
4'-4"	3'-8" x 6'-4" x 7 1/2"	21" & SMALLER	0.38±
5'-4"	4'-8" x 6'-4" x 7 1/2"	24" & 30"	0.51±
6'-4"	5'-8" x 6'-4" x 7 1/2"	36" & 42"	0.64±
7'-4"	6'-8" x 6'-4" x 7 1/2"	48" & 54"	0.77±
8'-4"	7'-8" x 6'-4" x 7 1/2"	60" & 66"	0.90±

CITY OF WICHITA STANDARD TYPE 1A
CURB INLET DETAILS
INLET OPENING = 6" x 5'-0"

PROJECT NUMBER: _____ SHEET: 6 OF 8

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

Revised - Feb. 16, 1989



SHEET TOTALS (CUBIC YARDS)
 EXCAVATION = 104.1
 LOOSE FILL = 57.2
 COMPACTED FILL = 1.7
 MANIPULATED FILL = 0

Earthwork Sections

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

PROJECT NUMBER
 472-76-245-82151-000-000-001

REV.
 7
 SHEET
 8

18-2-1-1

State of Kansas)
Sedgewick County)
SS We, Baughman Company, P.A., Surveyors in
forested county) and state do hereby certify that we have surveyed
and plotted "ASHLEY PARK II," an Addition to Wichita, Sedgewick County,
Kansas and that the accompanying plat is a true and correct exhibit
of the property surveyed, described as and being a replat of Lots 15,
12, 13, 14, 15, 16, 17, and 18, Block 1, and Lots 1, 2, 3, 4 and 5,
Block 2, and all of Reserve "B", together with that part of Brown
Thrush Circle, lying northeasterly of a line extending from the point of
curvature of the C-14-De-Soc of said Brown Thrush Circle, and to the
point of tangency of the C-14-De-Soc of said Brown Thrush Circle, and to-
gether with all of Douglas Circle, and together with that part of Reserve
"C", lying east of the west line of Lot 1, Block 1, extended south to
the north line of Maple St., and together with that part of Reserve "C",
lying northerly of the southeasterly line of Lot 4, Block 2, extended
northerly, except the westerly 55 feet of said Reserve "C", adjoining
thereof, all as plotted in Bristol Park, an Addition to Wichita, Kansas.

All being situated in the SE $\frac{1}{4}$ of Sec. 21, Twp. 27-S, R-7-W
of the 6th P.M., Sedgewick County, Kansas.

Existing easements and dedications being vacated by virtue of
K.S.A. 12-512(b).

Date 12 SEP 91

Mark A. Seger Secretary
Baughman Company, P.A.

Mark A. Seger Surveyor

PA R

Date 12 SEP 91
Boughton Company, P.A.
Mark A. Sawyer Surveyor
Mark A. Sawyer

MINIMUM PAD ELEVATION:
LOWEST OPENING
LOTS 1, 2, 3, 4, 5, 6, 7, 8, BLOCK 1
= 140.3 CITY DATUM
(1327.9 M.S.L.)

BEACH MARK:
SQUARE CUT, TOP OF SOUTH CURB
OF DOUGLAS CIRCLE, 20' EAST OF
EAST LINE OF ASHLEY PARK II
ELEVATION = 142.85 CITY DATUM
(1360.25 M.S.L.)

Fidelity Savings Association of Kansas
John R. Keenani Asst. Vice-Pres.
 John R. Keenani
 Bank IV of Wichita, N.A.
 Gary R. Brown Vice-Pres.
 Gary R. Brown

This plat approved and all dedications shown hereon accepted by the City Council of the City of Wichita, Kansas, this _____ day of _____, 1991.

Mayor _____
Bob Knight

Pat Burnett Deputy City Clerk

Entered on transfer record this _____ day
1997.

State of Kansas) SS is to certify that this instrument has
Sedgewick County) been filed for record in the office of the Register of Deeds, this
day of _____, 1991, at _____ o'clock _____ M., and is duly
recorded.

Pat Kettler	Register of Deeds
Ed Resa	Deputy

