

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

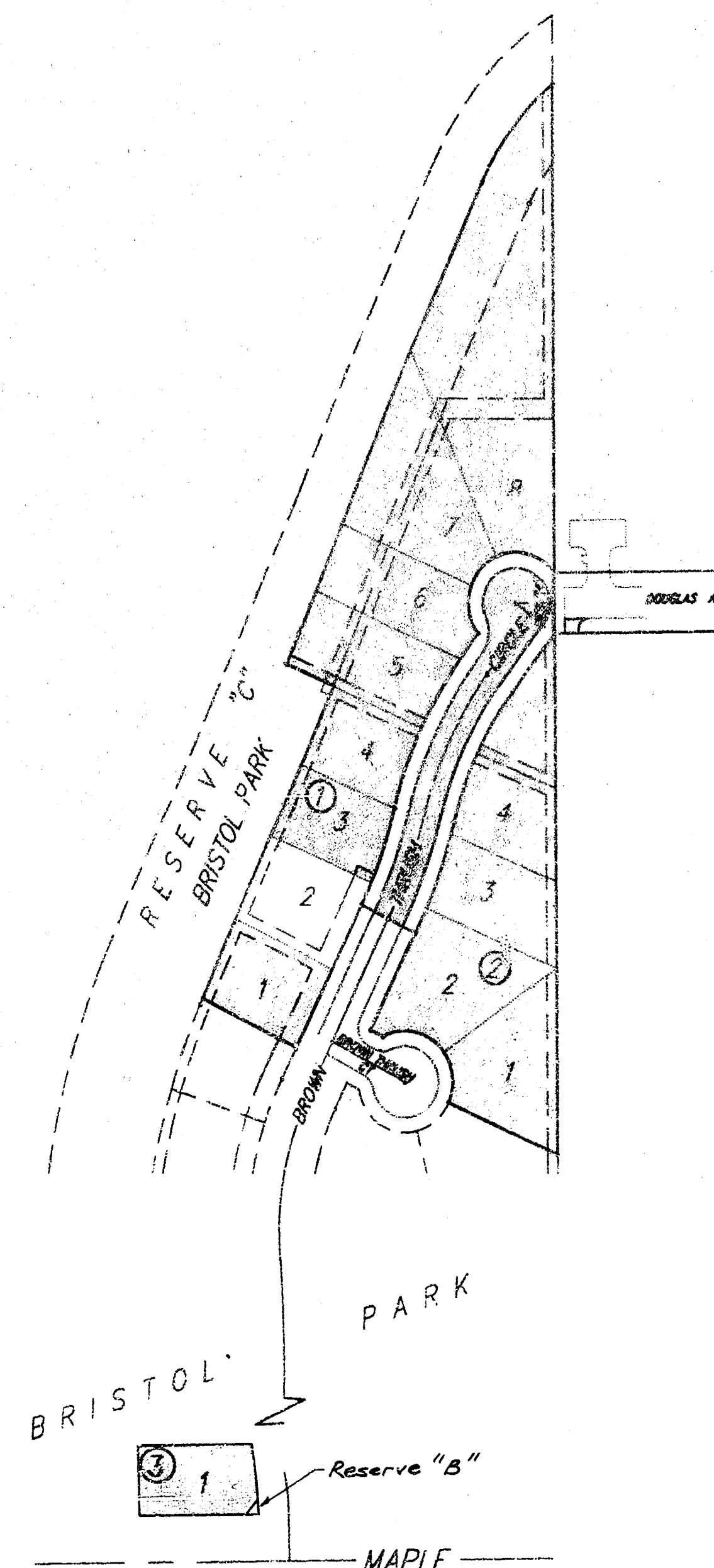
City of Wichita, Kansas - Michael E. Lindebak, City Engineer

INDEX CODE 761155

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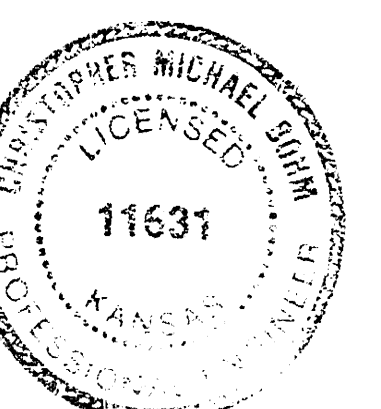
Scale: 1" = 100'



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 watersheds 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.
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.

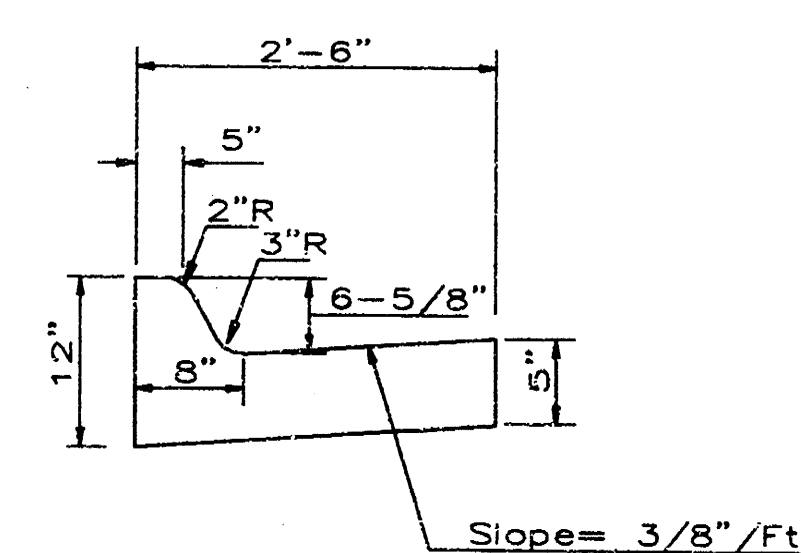
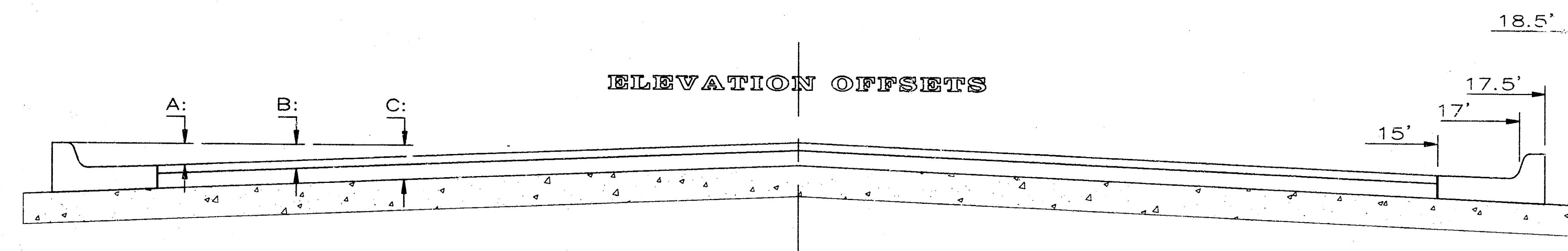
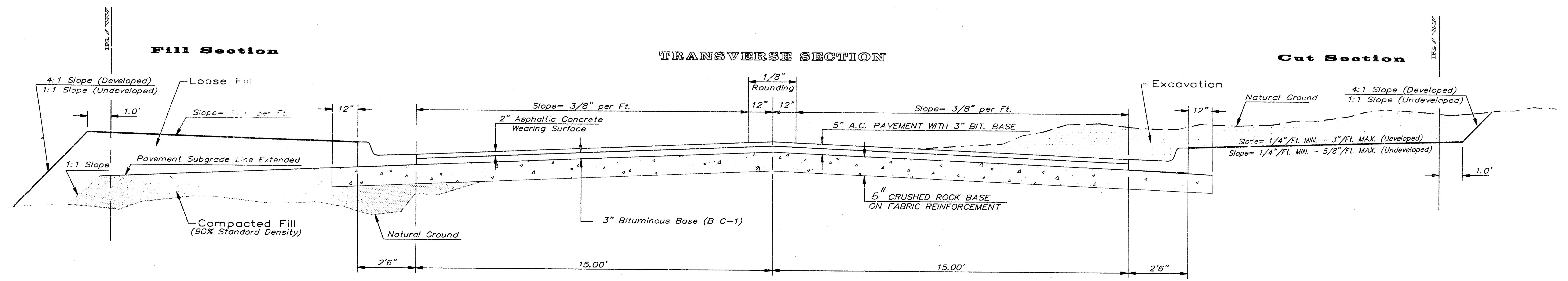
Benefit District



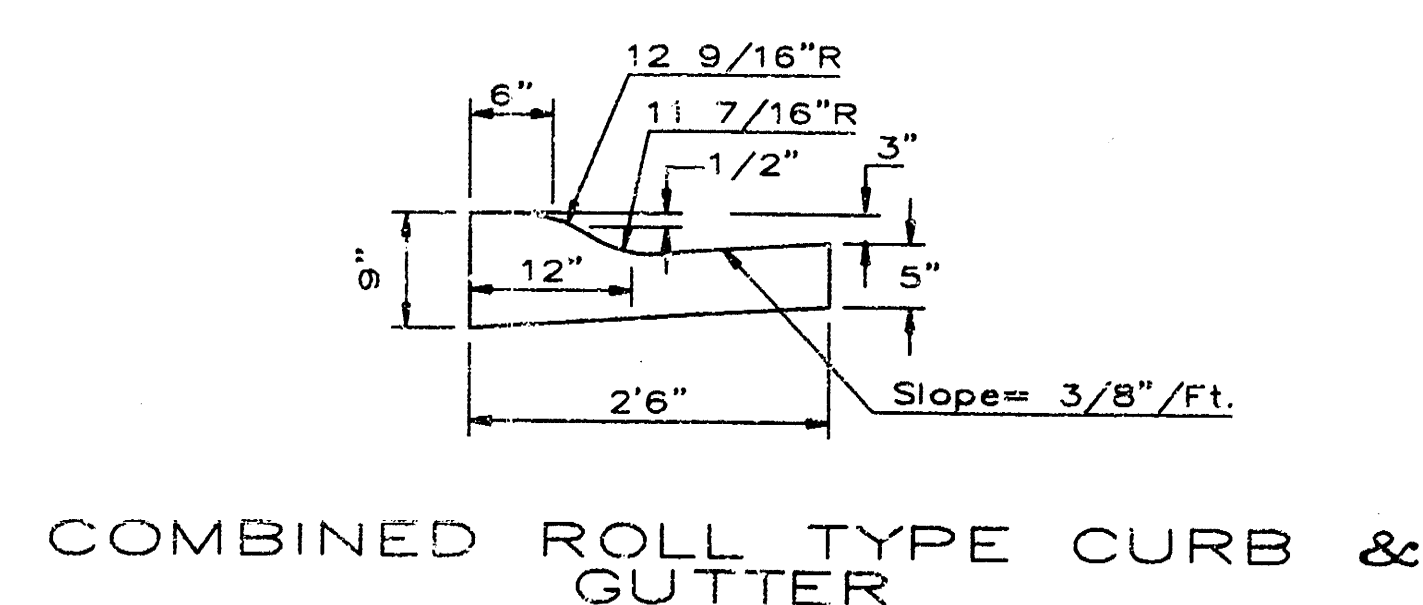
12/20/21

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ENGINEERING & SURVEYING
316/212-7271 • 315 ELLIS • WICHITA, KANSAS 67201

TYPICAL 35' B-B PAVEMENT DETAILS

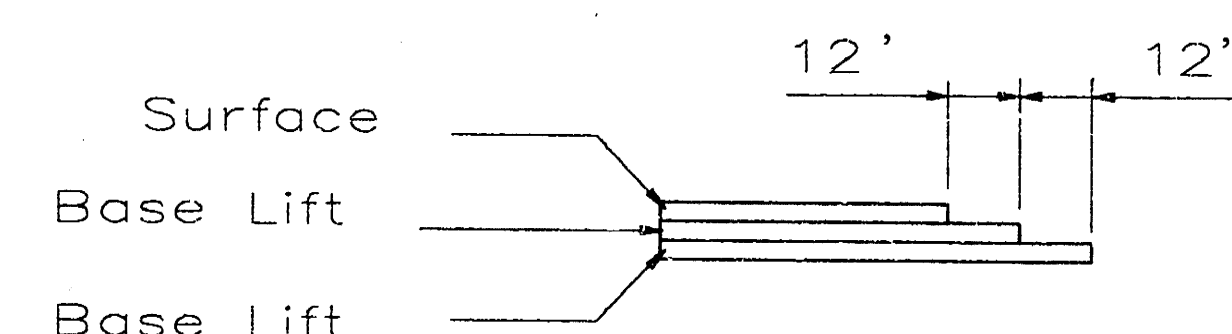


COMBINED CURB & GUTTER



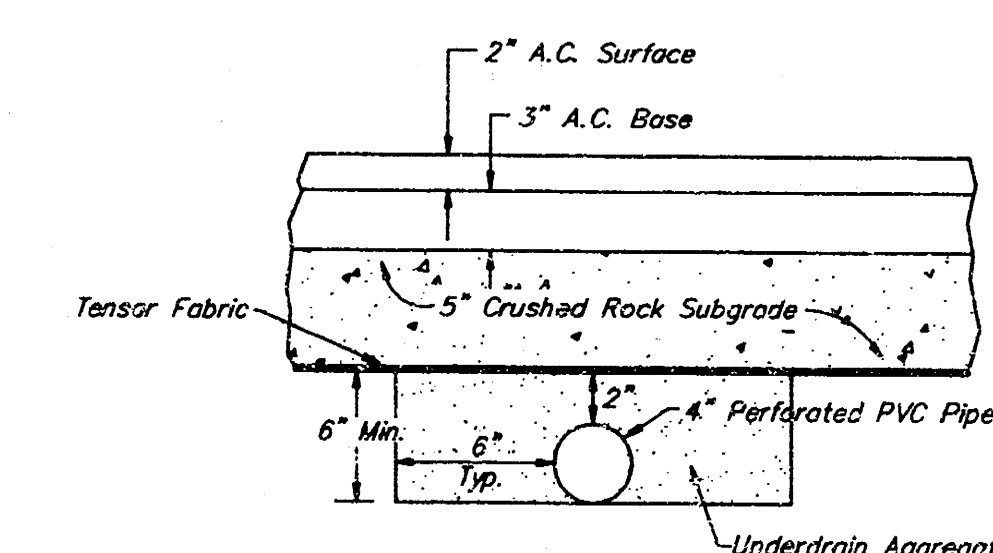
COMBINED ROLL TYPE CURB & GUTTER

	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



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" ASPHALTIC CONCRETE (3" BITUMINOUS BASE).

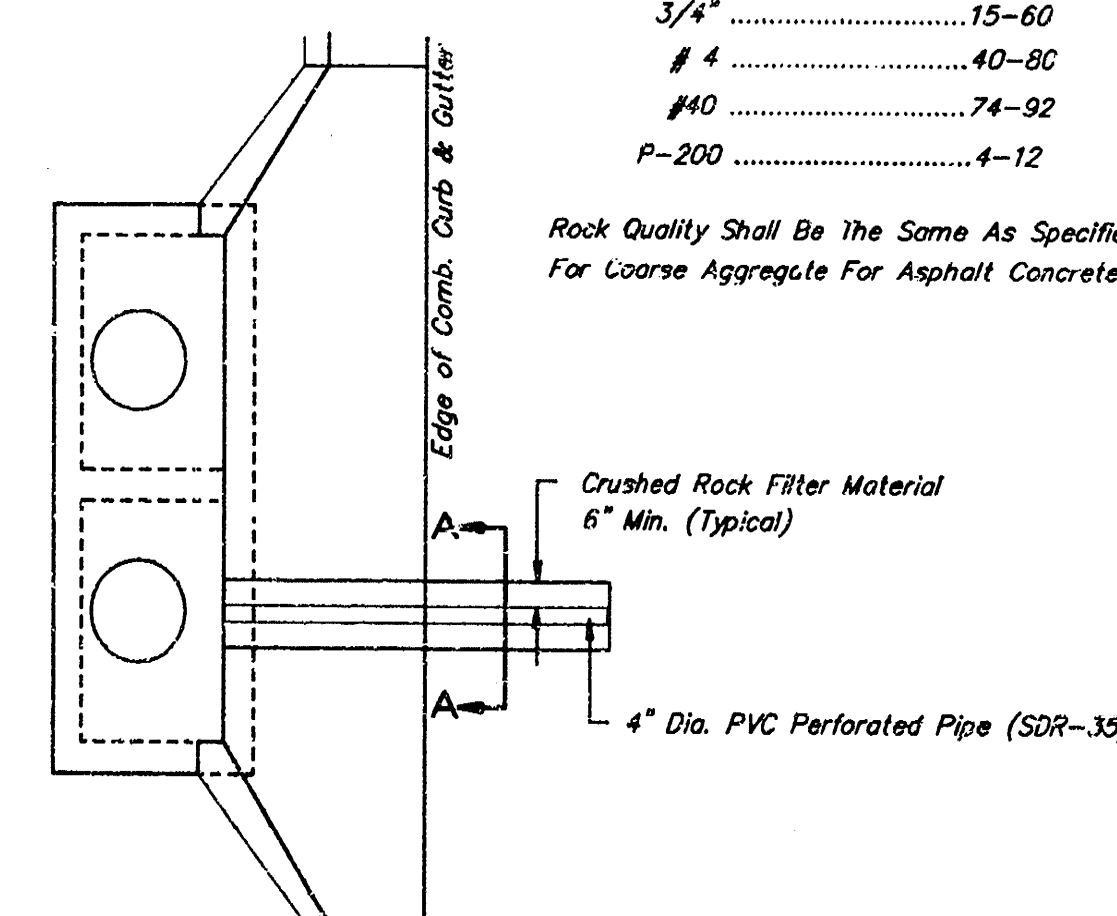


SECTION A-A

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



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" 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.

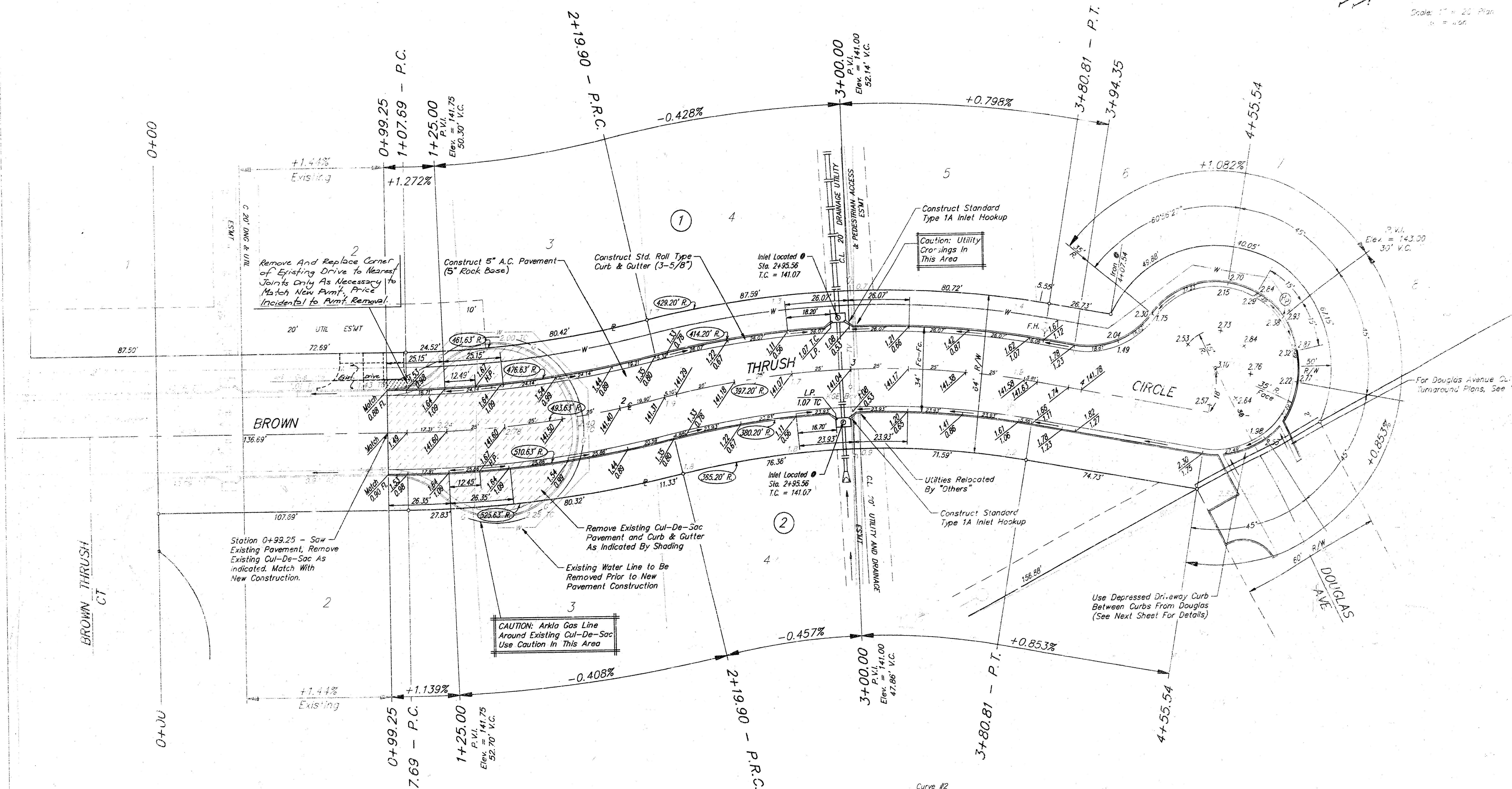
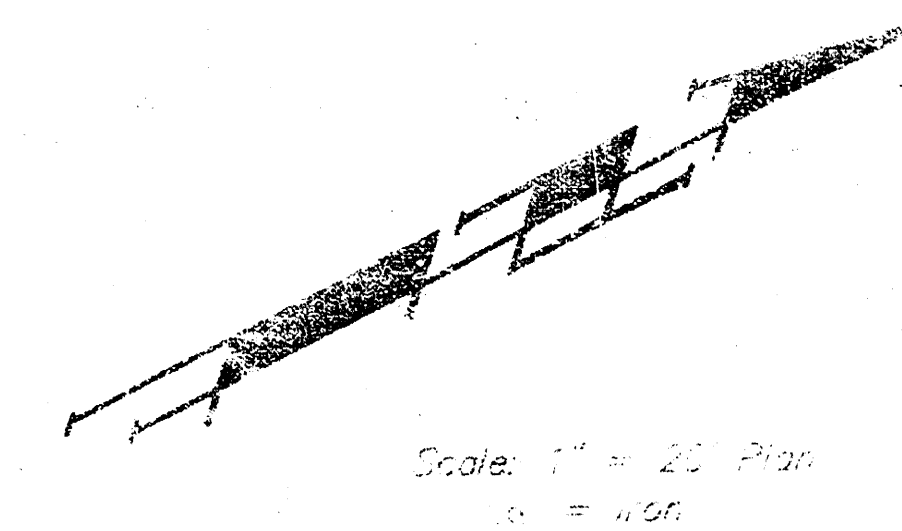
CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF ONE (1) FOOT FROM JOINTS IN PRECEDING LIFTS AND PLACED SO THAT A JOINT WILL BE CONSTRUCTED ON THE CENTERLINE OF THE TOP LIFT.

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	SHEET 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° 28' Tangent = 56.35'
Arc = 112.21' L.C. = 111.97' Def/Flt. = 3.48201 Min.

Station	Arc	Chord	Defl.	T. Defl.
1+07.69	17.31'	16.43'	18.19'	0°00'00"
1+25.00	25.00'	23.73'	26.26'	1°00'16"
1+50.00	25.00'	23.73'	26.26'	2°27'19"
1+75.00	25.00'	23.73'	26.26'	3°54'42"
2+00.00	25.00'	23.73'	26.26'	5°21'25"
2+19.90	19.90'	18.89'	20.91'	6°30'43"

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	Chord	Defl.	T. Defl.
2+19.90	5.10'	5.42'	4.79'	0°00'00"
2+25.00	5.10'	5.42'	4.79'	0°22'04"
2+50.00	25.00'	26.57'	23.42'	1°48'11"
2+75.00	25.00'	26.57'	23.42'	3°38'26"
2+92.45	17.45'	18.55'	16.35'	5°13'52"
2+95.56	3.11'	3.31'	2.91'	5°27'25"
3+00.00	4.44'	4.72'	4.16'	5°46'37"
3+25.00	25.00'	26.57'	23.42'	7°34'49"
3+50.00	25.00'	26.57'	23.42'	9°22'50"
3+75.00	25.00'	26.57'	23.42'	11°11'11"
3+80.81	5.81'	6.18'	5.44'	1°36'19"

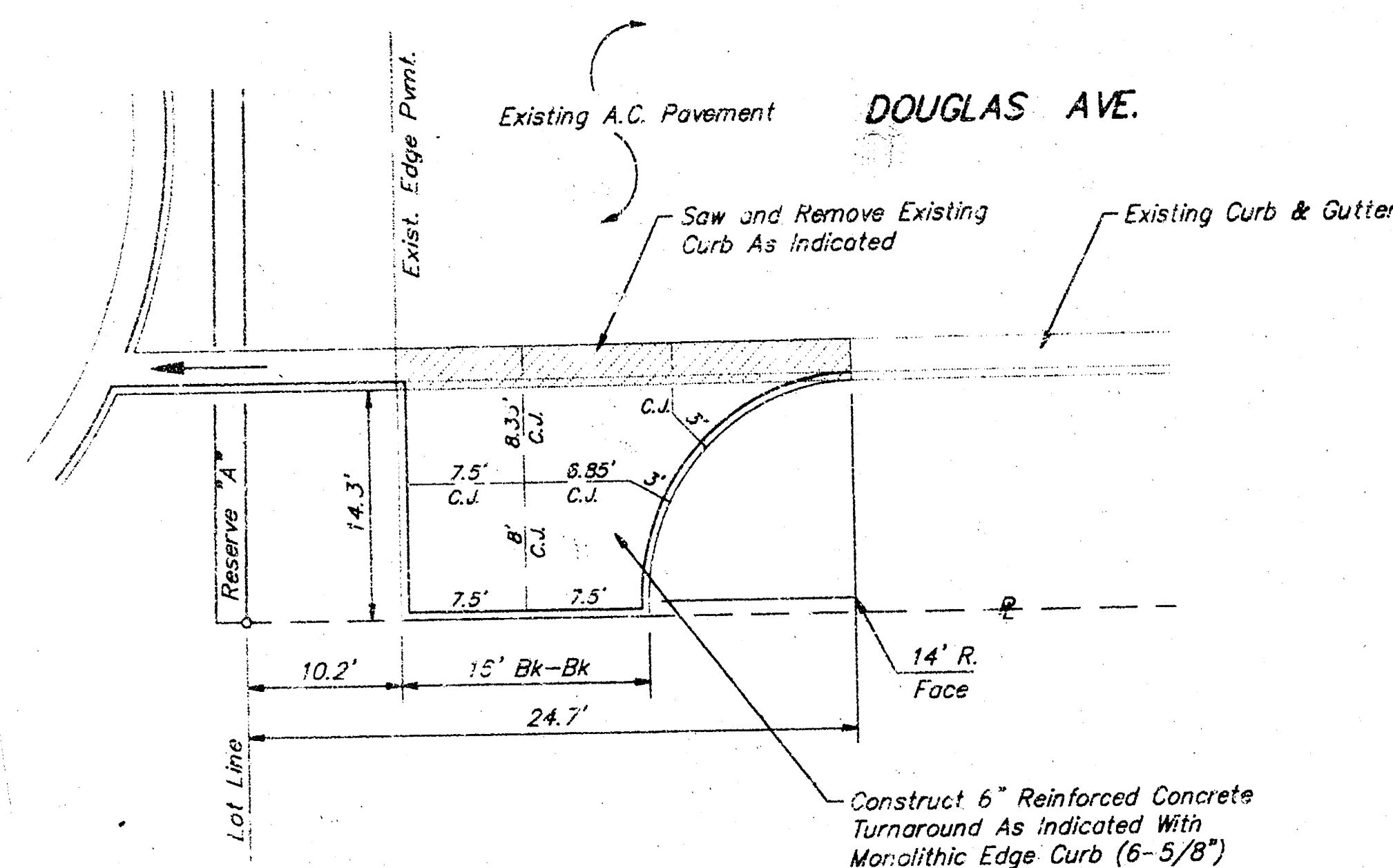
ash2/street.dwg

BROWN THRUSH CIRCLE

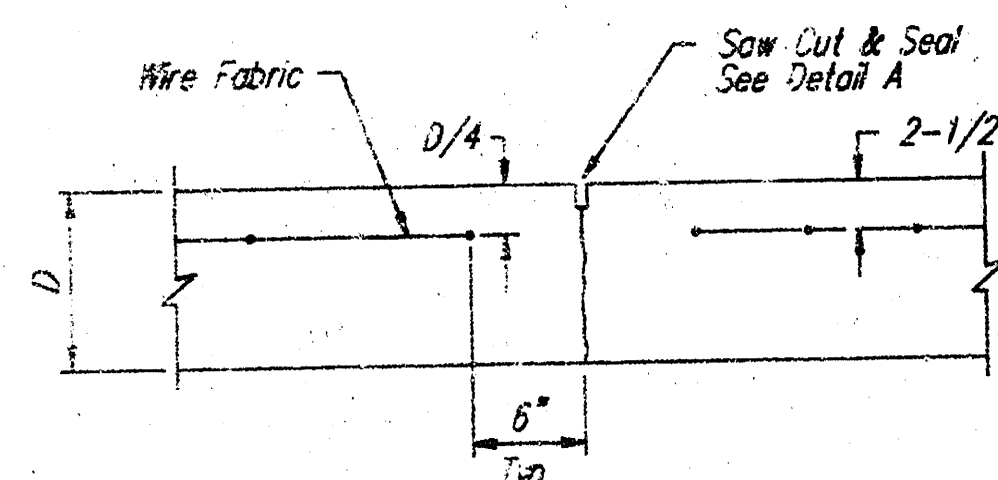
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ENGINEERING & SURVEYING
316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

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

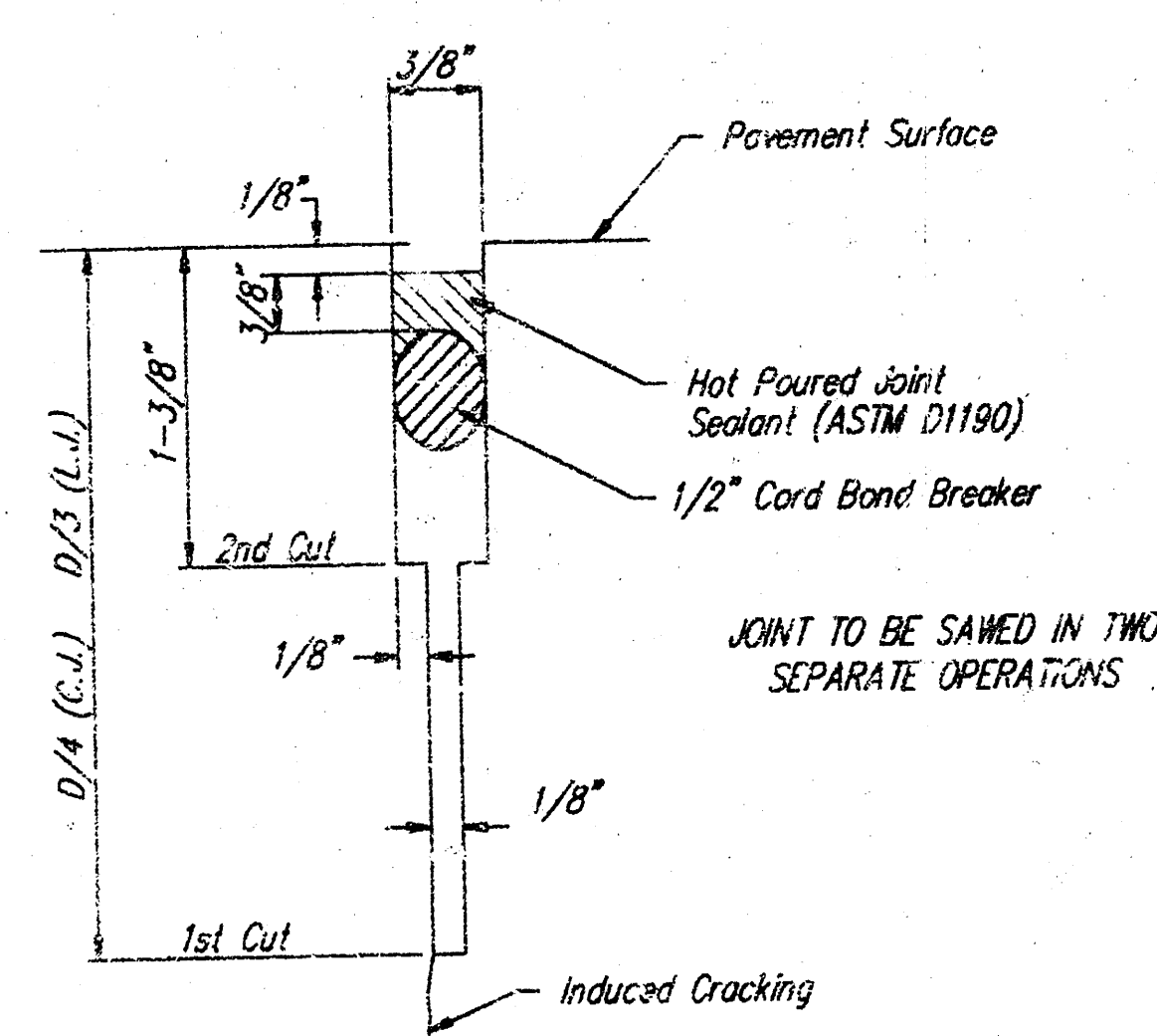
DESIGN: C. Bohm
DRAWN: C. Bohm
APPROVED: [Signature]
DATE: Sept. 1991
SCALE: 1"=20'



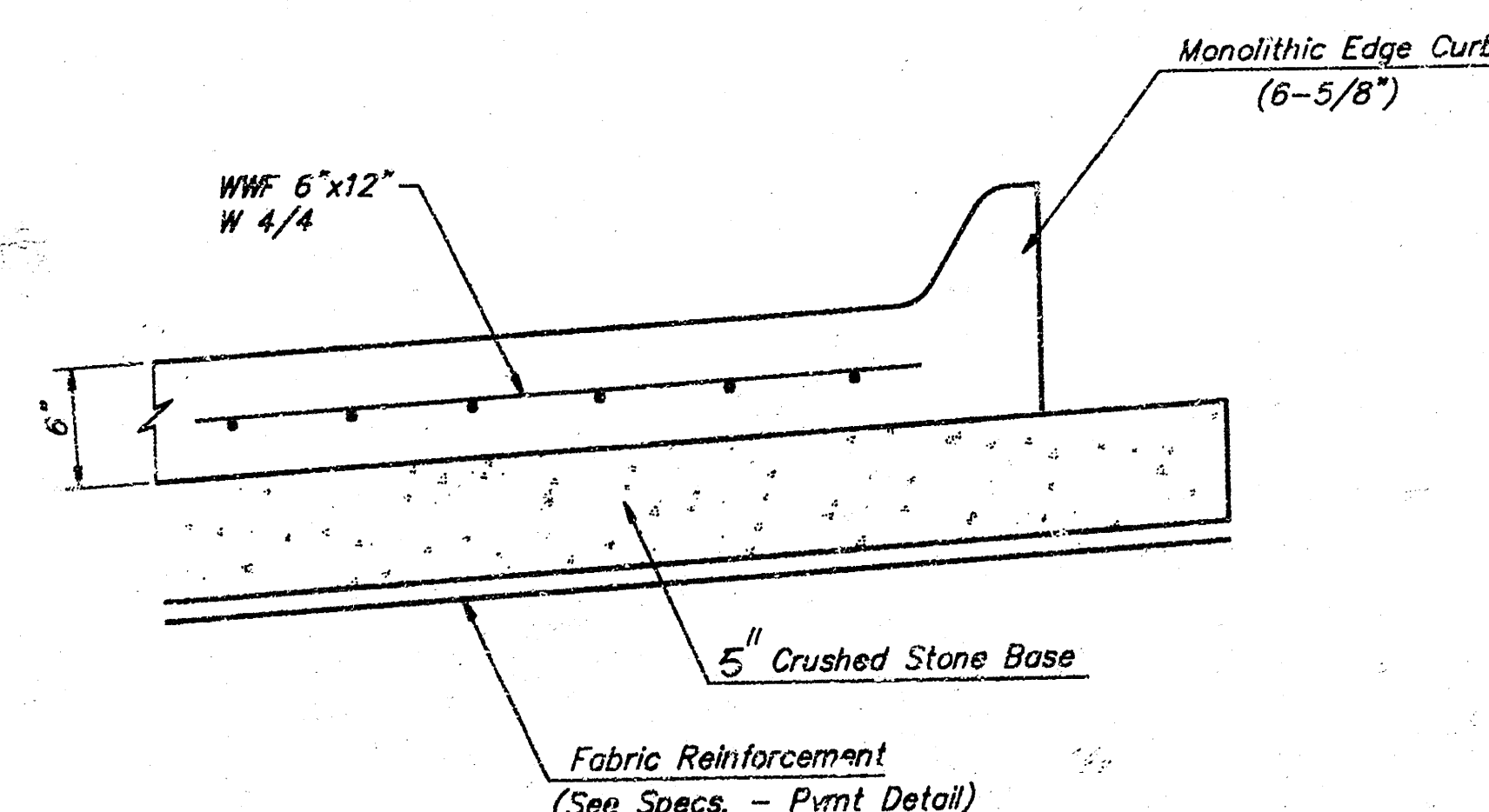
TURNAROUND JOINT DETAIL
Scale: 1" = 10'



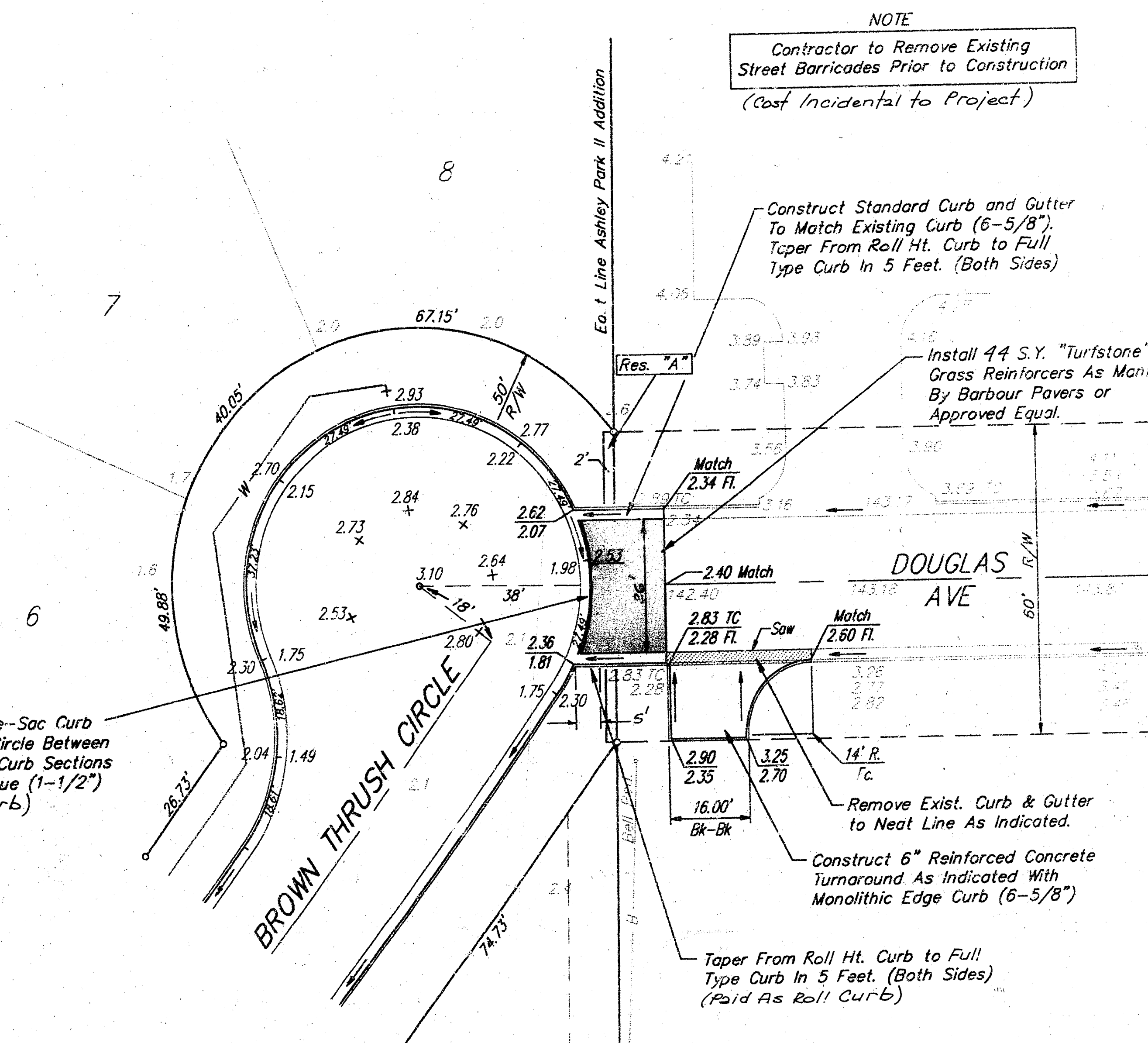
CONTRACTION JOINT DETAIL (C.J.)



SAW JOINT DETAIL



Depress the Cul-De-Sac Curb
On Brown Thrush Circle Between
The Extended Roll Curb Sections
From Douglas Avenue (1-1/2\")
(Paid As Roll Curb)



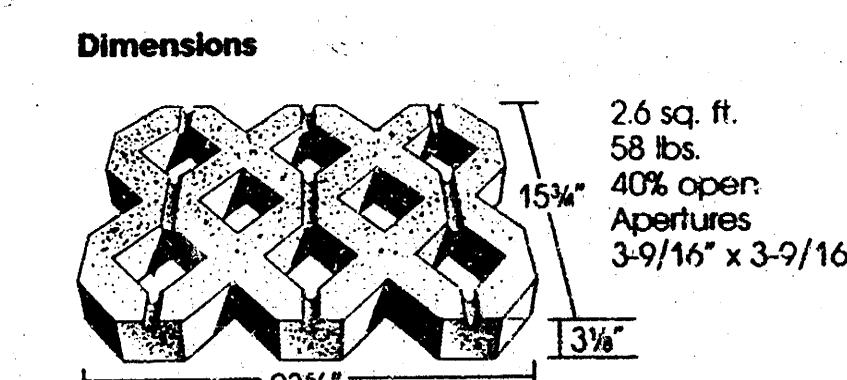
NOTE

Contractor to Remove Existing
Street Barricades Prior to Construction
(Cost Incidental to Project)

BENCH MARK:
SQUARE CUT, TOP OF SOUTH CURB
OF DOUGLAS CIRCLE, 20' EAST OF
EAST LINE OF ASHLEY PARK II
ELEVATION = 142.85 CITY DATUM
(1330.25 M.S.L.)

Scale: 1" = 20'
o = Iron

GRASS REINFORCER DETAILS

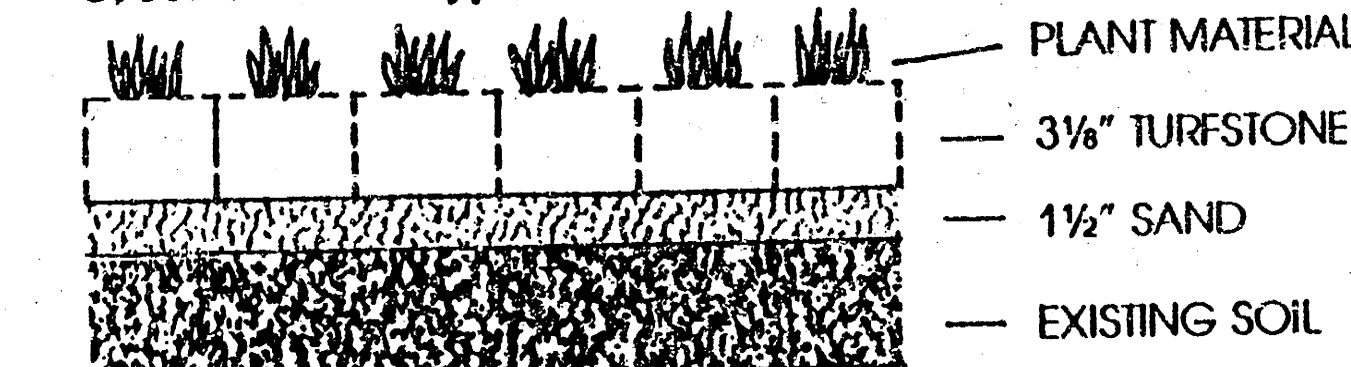


Quantity needed per 10 sq. ft. approx. 4 units

Installation for Erosion Control
Erosion control applications require the slope to be graded uniformly (ideally to a 2:1 or gentler slope) before bedding turfstone in a thin layer of sand. To prevent migration of the fine granular material it may be necessary to place a man-made filter cloth on the graded slope before applying the sand. The filter fabric should permit revegetation. To support plant growth the openings must be filled within 1/2 in. (15mm) of the surface with suitable topsoil or mixture of soil and fertilizer and then seeded, sprigged or plugged.

Residential and Commercial Pavement Installation
For residential applications remove soil to a depth of approx. 4 1/2 in. (105mm). Wet and compact area with a tamper or vibrator. Spread clean sand to a depth of approx. 1 1/2 in. (35mm) and screed level. Set turfstone units and seal with tamper uniformly level. Follow Erosion control revegetation procedures.

Cross Section Typical Residential Installation

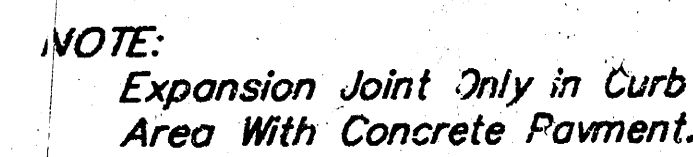


Notes

- Seeding of the Grass Reinforcers will be done by others.
- The Bid Item for "Turfstone" Grass Reinforcers shall include the 1-1/2" Sand Base and the 3/8" Turfstone Reinforcing Blocks.

DOUGLAS AVENUE TURNAROUND

BAUGHMAN COMPANY P. A. ENGINEERING & SURVEYING 316/282-7271 • 316 ELLIS • WICHITA, KANSAS 67211				
PROJECT NUMBER 472-76-245-82151-000-000-001				
DESIGN C. Bohm	DRAWN C. Bohm	APPROVED	DATE Sept. 1991	SCALE 1"=20'

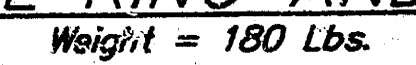


NOTE:
Inlet Top Reinforcing shall be Spaced on 6" Max. Centers.
Inlet Lids Shall be Notched Out as Indicated to Facilitate Construction of Curb.

NOTE:
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 with air entrainment.



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



SECTION A-A



* Field Bend or Cut Reinforcing as Required for Clearance.

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

PROJECT NUMBER

SHEET 1 OF

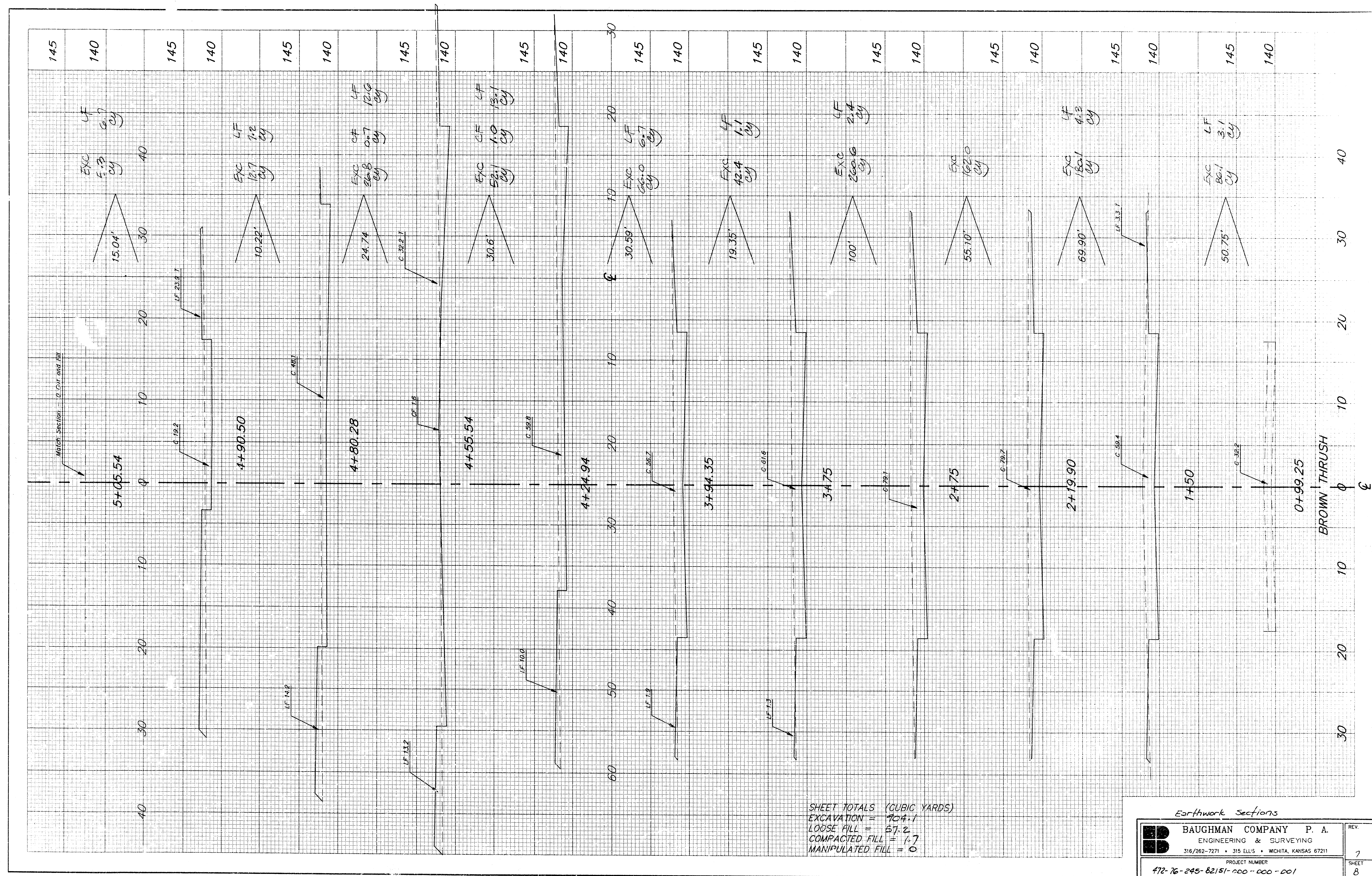


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ENGINEERING & SURVEYING

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Revised - Feb. 16, 1989



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

18-2-1-1

[illegible]

Date 12 SEP 91
Mark A. Saxon Surveyor
 Boughtman Company, P.A.

The foregoing instrument acknowledged before me this _____ day of _____, 1991, by J.W. Russell, President of Bristol Park, Inc. and by Randy Chenev, President of Cheney Construction Co., Inc. and by Curtis Barr, President of Ashley Park Homeowners Association, Inc., on behalf of their respective corporations.

We, the undersigned, holders of a mortgage on the above described property, do hereby consent to this plat of ASHLEY PARK II, an Addition to Wichita, Sedgewick County, Kansas.

State of Kansas) SS The foregoing instrument acknowledged before
Sedgewick County) me, this 30th day of September, 1981, by John R.
Sumner, President of Fidelity Savings Association of Kansas, on behalf of
the association.

RACY HERRELL
NOTARY PUBLIC
STATE OF KANSAS
My April 2001-05-94

1895

George D. Sherman *Chairman*

Marvin S. Krout *Secretary*

Mayor _____
Bob Knight

Entered on transfer record this _____ day
1991

State of Kansas) SS. us is to certify that this instrument has
Seelye 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.

Ed Reso *Deputy*

