

General Notes

- 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.
- 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.
- 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.
- This project does not include any provisions for construction of driveways.
- 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.
- 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.
- Contractor shall give property owners abutting this project, whose yards will be lower than the new finished grade elevations at the right-of-way line, an opportunity to utilize excess excavated material from the project to regrade their yards to drain to the new pavement. Contractor will be required to dump and spread the excess material as required by the specification when requested by the property owner. The Contractor shall ascertain that a dirt order form has been properly executed by the property owner before any such excess material is delivered to such properties.
- The Contractor shall be responsible for preserving property lines. The Contractor will be required to re-establish any property lines which are damaged or destroyed by his construction operations. Such lines shall be re-established by a licensed land surveyor in accordance with state laws.
- 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.
- Traffic will not be affected by construction on this project.
- Inlet sediment barriers to be paid as each regardless of inlet size.
- All disturbed areas in R/W are to be seeded with Rye grass per city specs.

STREET IMPROVEMENTS FOR DANKA ADDITION

Project Number
472-76-245-82406-000-000-001

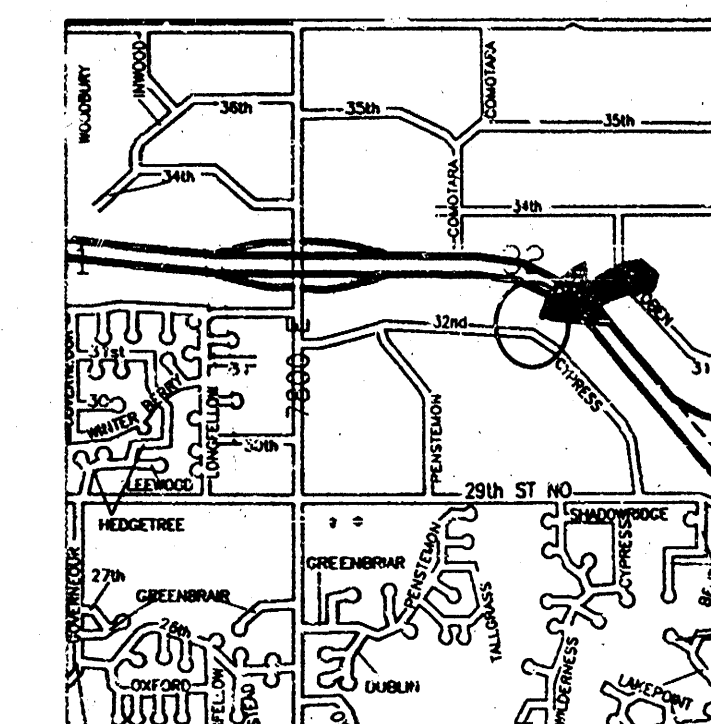
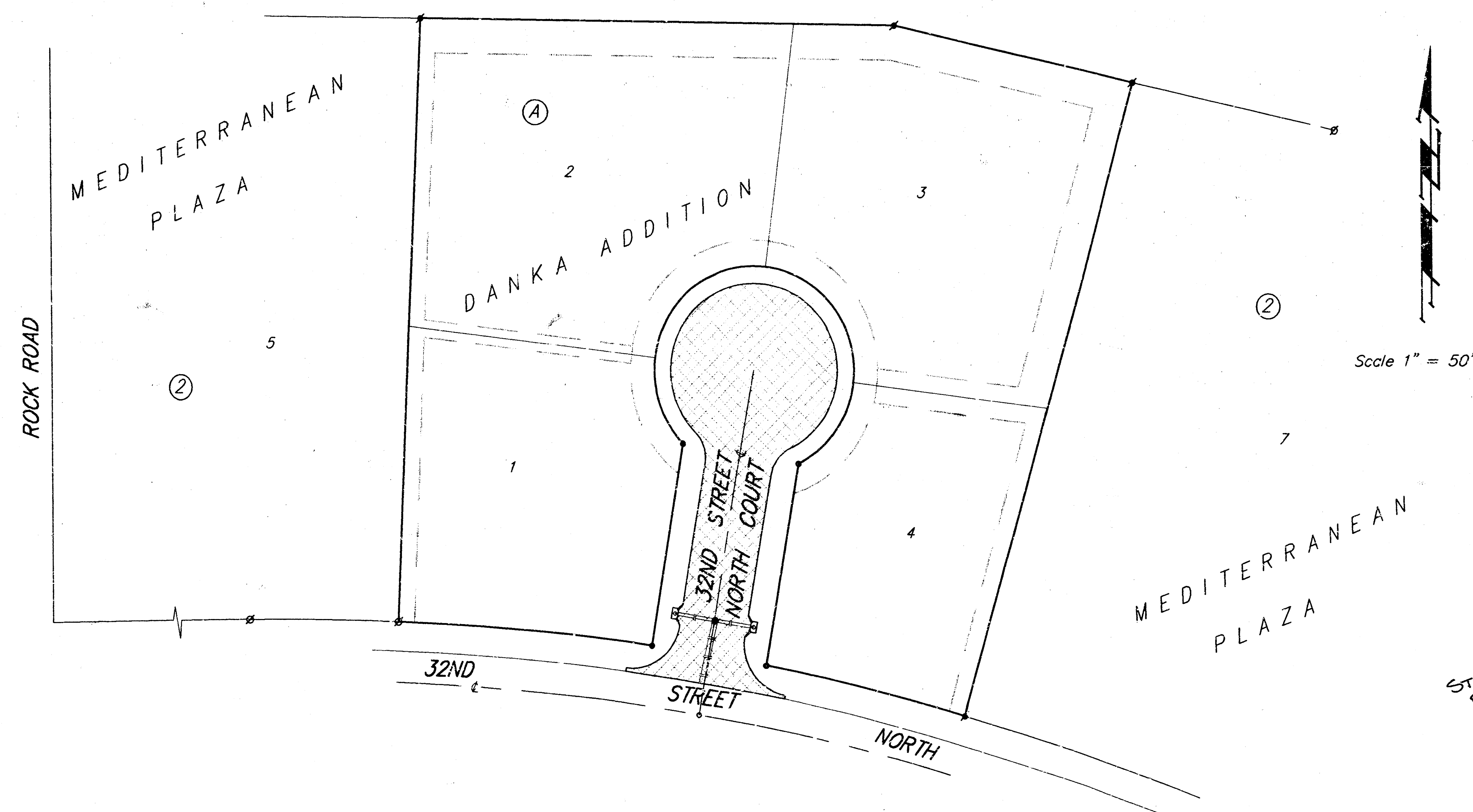
Index Code
762351

CITY OF WICHITA, KANSAS
Michael E. Lindebak City Engineer

Sheet Index

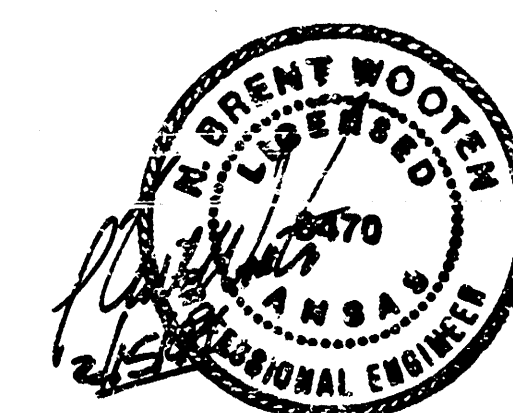
- Cover Sheet
- 41' Pavement Typical
- Signing Detail
- 32nd Street North Court
- Incidental Drainage
- Type 1A Inlet Detail
- 7-8 Earthwork Cross Sections
- Plat of Danka Addition

NORTHEAST EXPRESSWAY RIGHT-OF-WAY

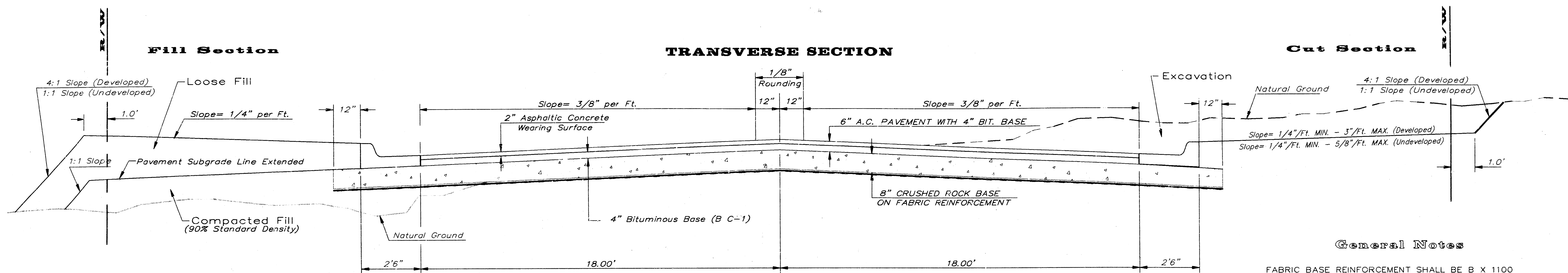


Site Location

STATION SWR.
BOOKED
8-2-94
MLG



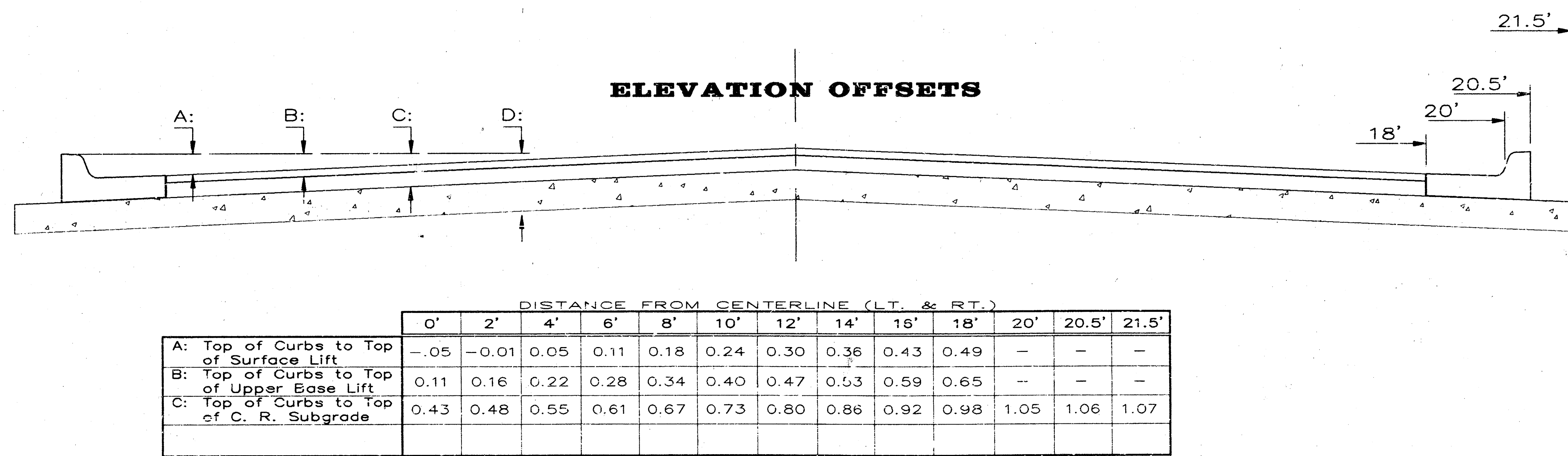
TYPICAL 41' B-B PAVEMENT DETAILS



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 I.



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.

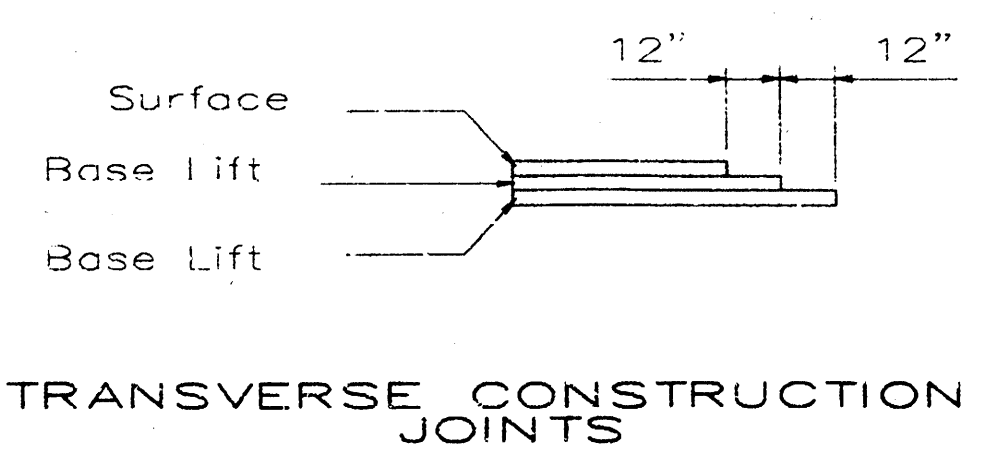
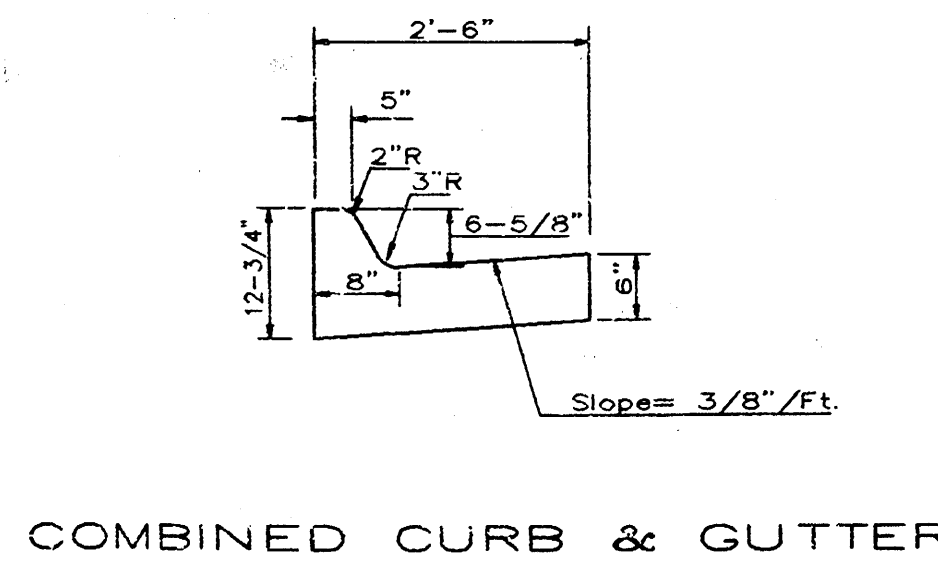
ROCK BASE IS TO BE COMPACTED AND SMOOTHED WITH A STEEL FACED ROLLER PRIOR TO PLACEMENT OF ASPHALT. TACK COAT WILL NOT BE APPLIED TO ROCK BASE.

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.

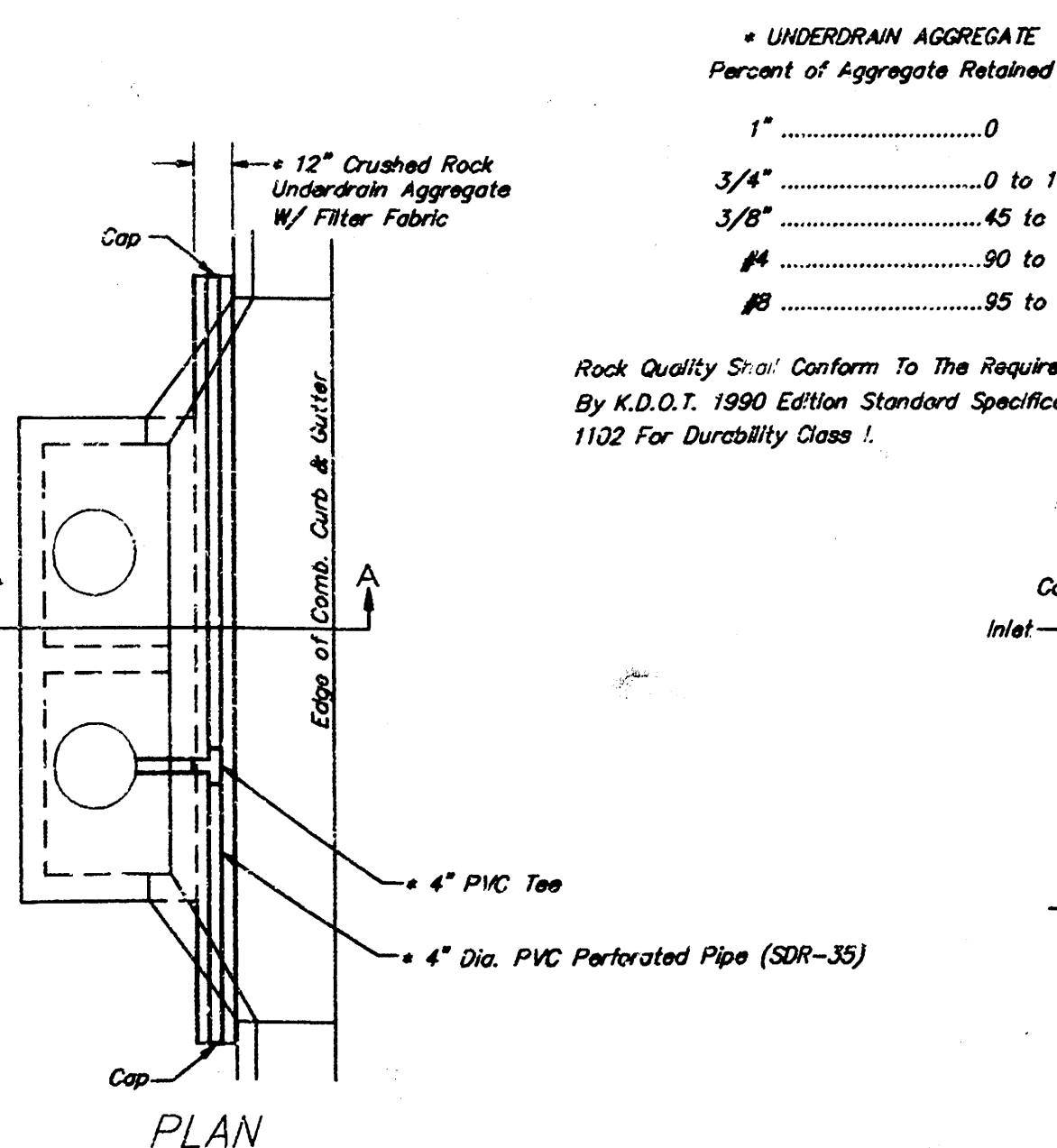
BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC CONTROLS FOR LINE AND GRADE.

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.

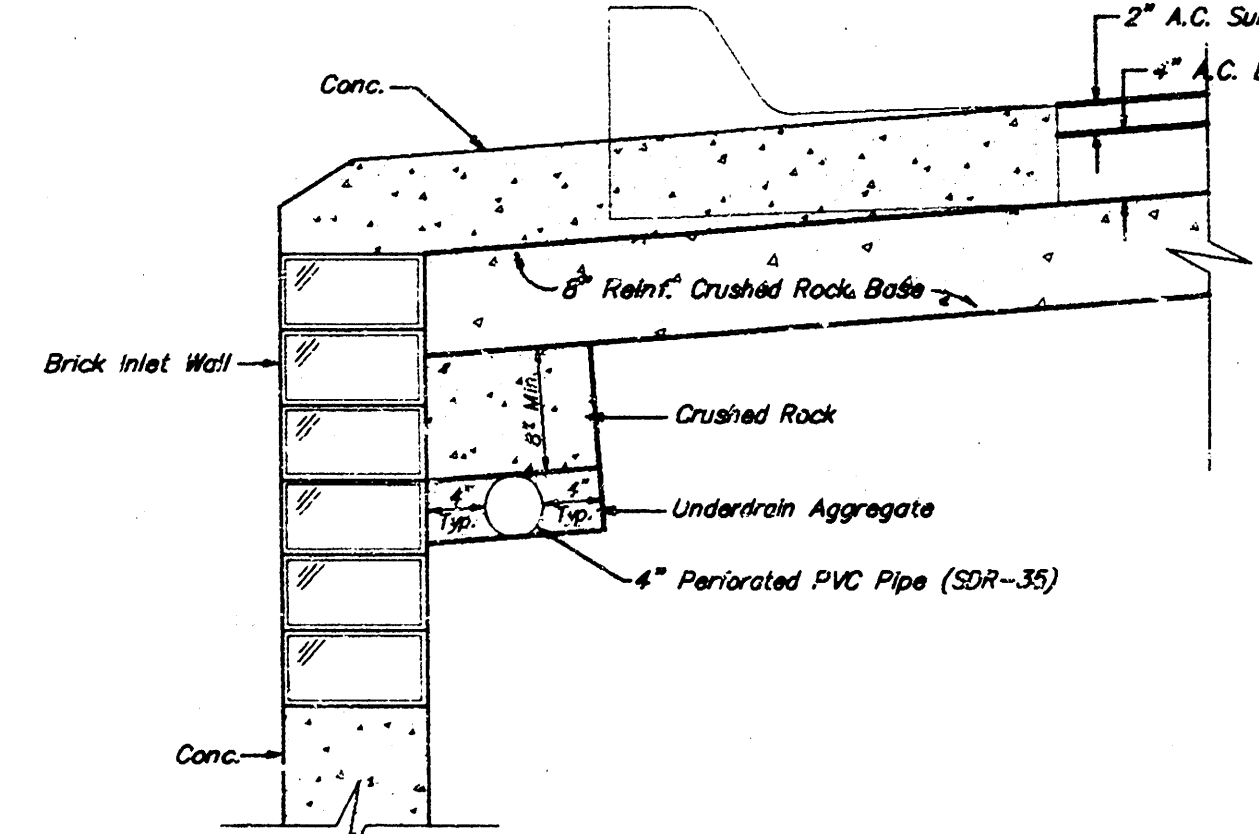
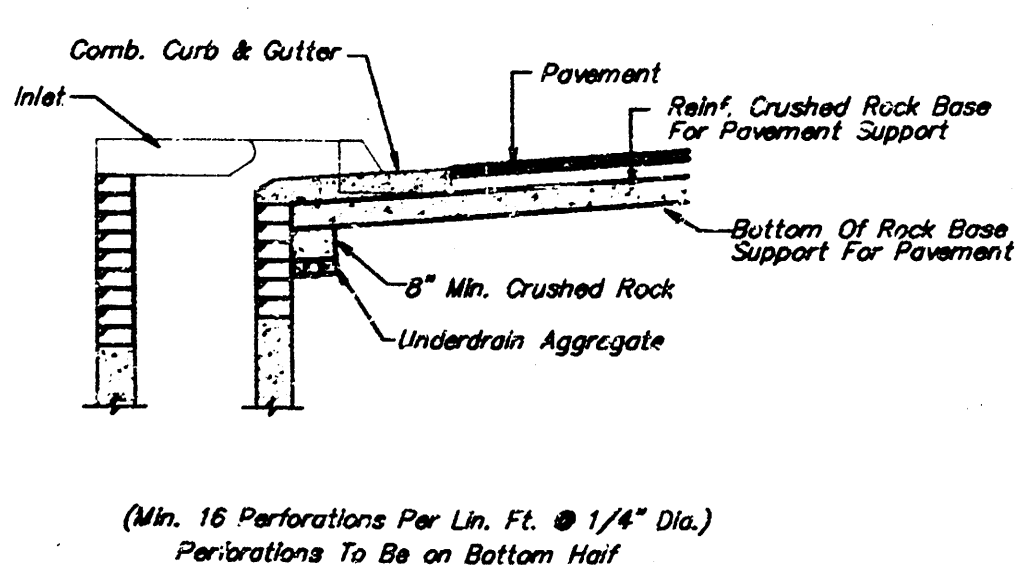
THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 6" ASPHALTIC CONCRETE (4" BITUMINOUS BASE).



Transverse construction joints shall be constructed in flexible base pavements at locations where pavement joints exist in flexible base pavements 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 of 6" ASPHALTIC CONCRETE (4" BITUMINOUS BASE).

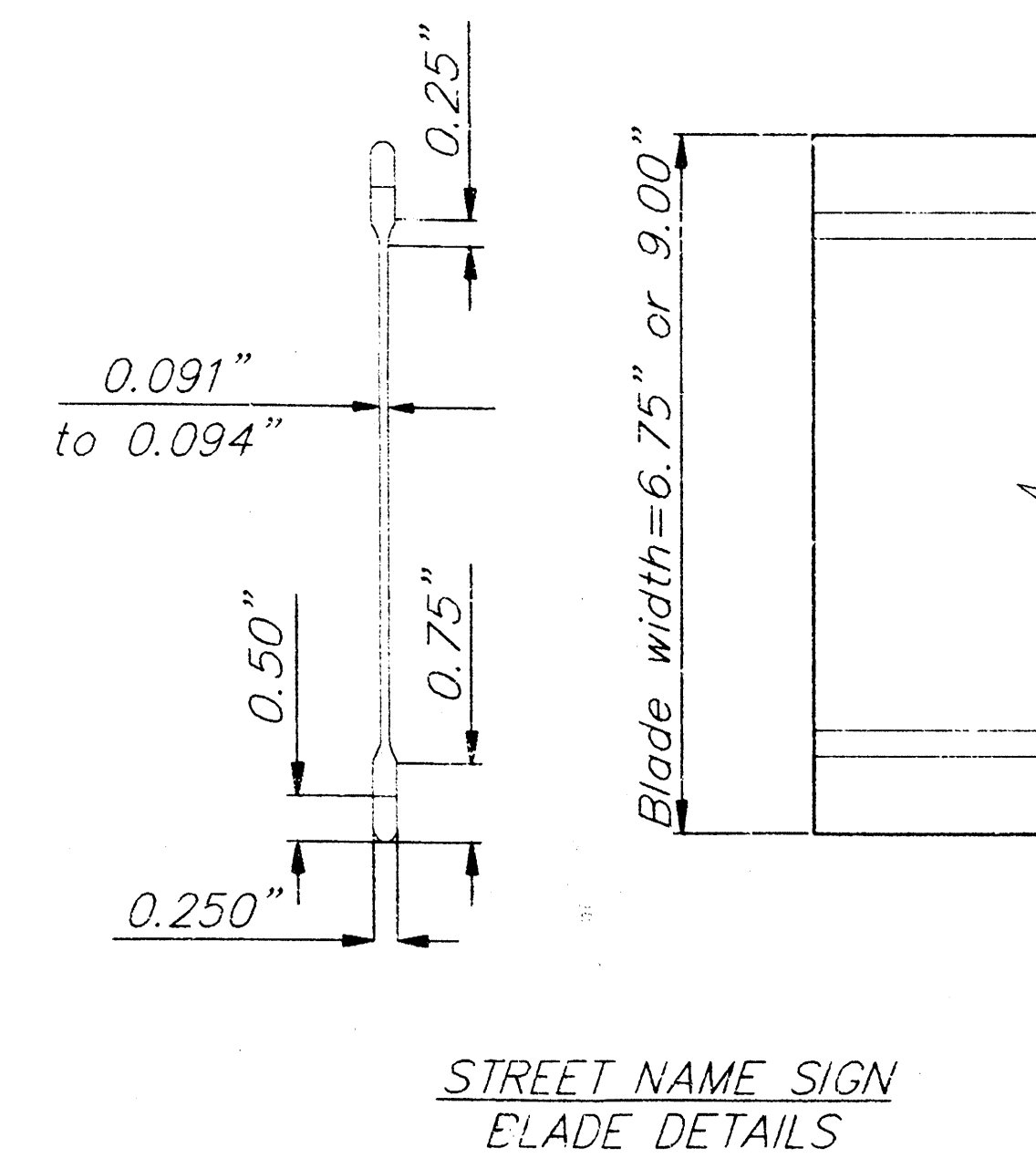


NOTE: Place 4" PVC Perforated Pipe at all drainage sump locations.
Cost of Underdrain System to be incidental to the Reinforced Crushed Rock Subgrade.
Inset Type May Vary From That Shown.



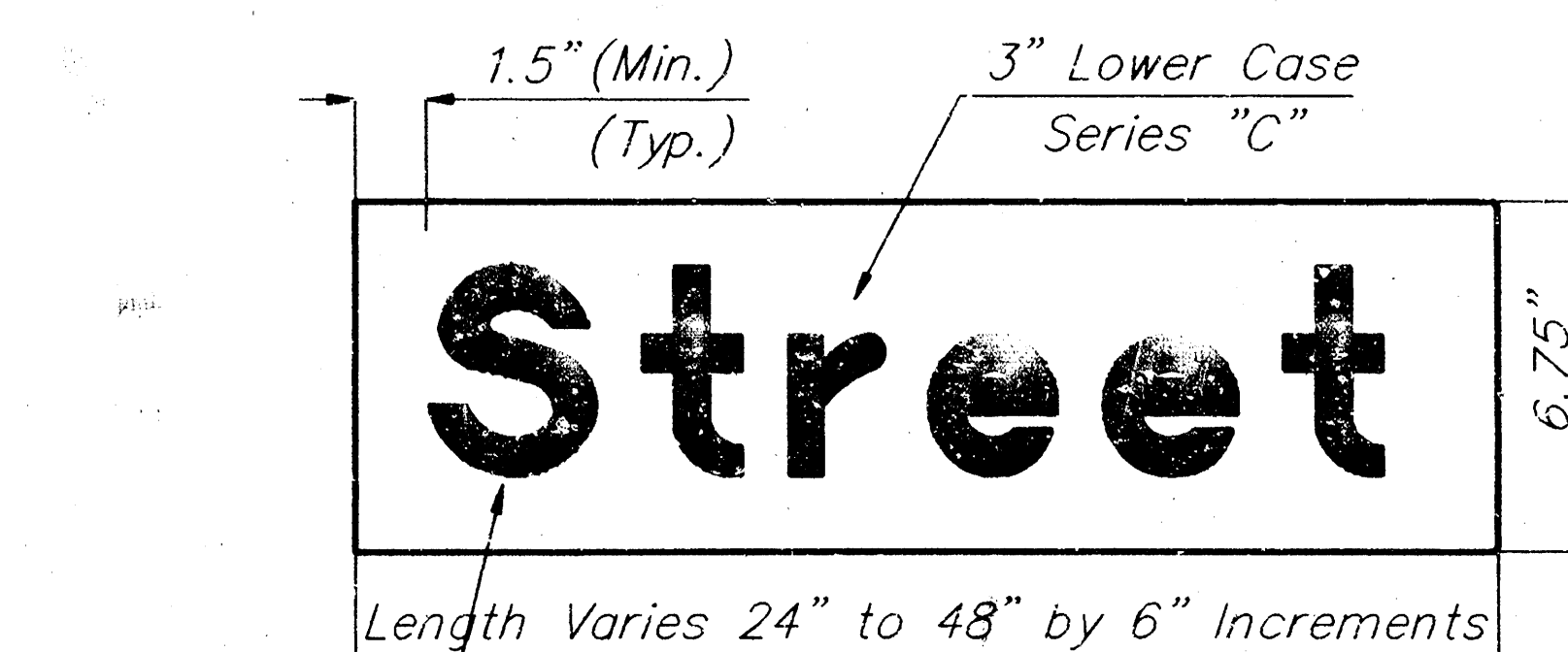
NOT TO SCALE

6 INCH Asphaltic Concrete Pavement with Crushed Rock Base on Fabric Reinforcement City of Wichita, Kansas		REV.
BAUGHMAN COMPANY P. A. ENGINEERING & SURVEYING 316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211		
PROJECT NUMBER 472-76-245-82406-000-000-001		SHEET 2 OF 9
DESIGN	DRAWN	APPROVED
DATE	SCALE	



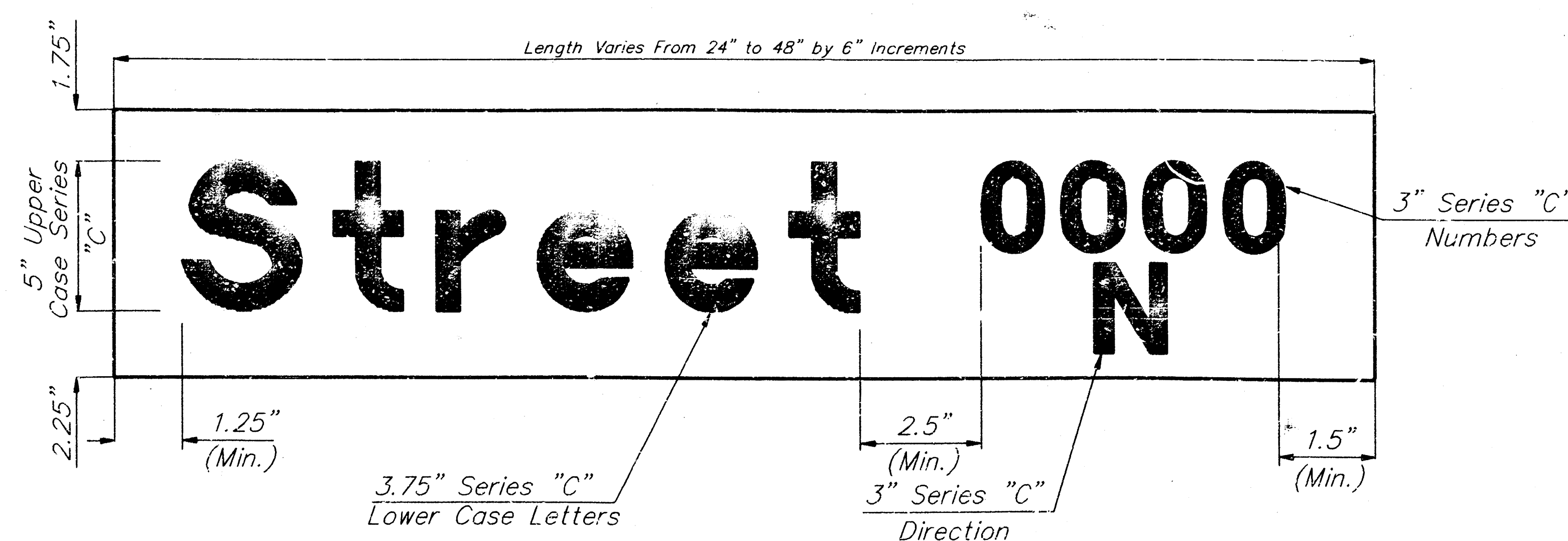
Typical Street Name Sign Mounting Installation
Curb and Gutter Section

Typical Traffic Control Sign Mounting Installation
Curb and Gutter Section



Detail "A"
6.75" Standard

Type 1 Barricade Detail w/E.O.R. Marker



Detail "B"
9" Metro

<i>SIGN ASSEMBLY TABLE</i>			
<i>STATION</i>	<i>OFFSET</i>	<i>SIGN</i>	<i>QUANTITY</i>
<i>0+31.06</i>	<i>31.67 Rt.</i>	<i>STREET SIGN</i>	<i>1</i>
<i>TOTAL</i>			<i>1</i>

* For Information Only

[illegible]

NOTE: References below to "standard specifications" denote "standard specifications for state road and bridge construction, edition 1990" by the Kansas Department of Transportation.

1. Post Ankers. Posts shall be anchored with a yielding base post support as detailed.
2. Posts for traffic control signs. Posts shall conform to the requirements of subsection 1520 of the standard specifications except that all posts shall weigh 3 lbs./foot minimum.
3. Posts for street name signs (SNS). Posts shall be 9 feet long, constructed from 2 3/8" O.D. galvanized steel pipe weighing a minimum of 3.65 lbs./foot. Posts shall be positioned so that the bottom blade is 7 feet above grade.
4. Sign blanks for traffic control signs. Sign blanks shall be fabricated from 0.080" aluminum alloy 6063-T6 conforming to the requirements of subsection 1526 of the standard specifications.
5. Signs blades for street name signs. Extruded aluminum blades shall be aluminum alloy conforming to 6063-T6 or 5052-H38 (ASTM specifications B221, latest issue). Blades shall have an anodine or phosphatite etched finish. Blades shall have square corners and no holes.

Blades bearing the street names shall be firmly attached to the mounting brackets using alien-type set screws. The blades shall be oriented parallel to the street.
6. Mounting brackets for SNS. Die-cast aluminum brackets shall be aluminum alloy 360 having a tensile strength of 44,000 PSI. The brackets shall be smoothly finished free of pits, burrs and flaws. Each bracket shall be tapped and drilled for 5/16" zinc-plated alien-type set screws having self locking saw-tooth ends.
7. Fasteners. All steel fasteners for traffic control signs shall be galvanized and shall conform to the requirements of subsection 1614 of the standard specifications.
8. Reflective sheeting. Reflective sheeting shall be type II - High performance class HA in accordance with subsection 2201 of the standard specifications.
9. Process ink. All process ink shall conform to the requirements of subsection 2202 of the standard specifications.
10. Details. Regulatory and warning signs shall conform to the details in "Standard Highway Signs", FHWA 1979.
11. Details - SNS. The reflective sheeting for the 5 3/4" standard size SNS is to be the highway green reverse screened background with silver-white #2 copy with 4" uppercase and 3" lower case primary copy and suffix copy. Both series "C". Where suffix letters are used on numbered streets such as RD, TH, etc., they shall be 1 1/2" lower case series "C" letters. Faces to trim to a 6 1/4" (See detail A).

The reflective sheeting for the 9" metro size SNS is to be the highway green reverse screened background with silver-white #2 copy with 5" upper case and 3 3/4" lower case primary copy and suffix copy, both series "C". Where suffix letters are used on numbered streets, such as RD, TH, etc., they shall be 3" lower case series "C". Letters for faces to trim to 8 1/2" directly below the block number shall be on upper case, 3" series "C" letters. Faces to trim to an 8 1/2" width (See detail B).

For cul-de-sac streets, a 9" metro size blade shall be used with the house numbers displayed beneath the street name. Lettering to be the same as for the 6 3/4" size blade, except that the house number information shall be 3" series "C".

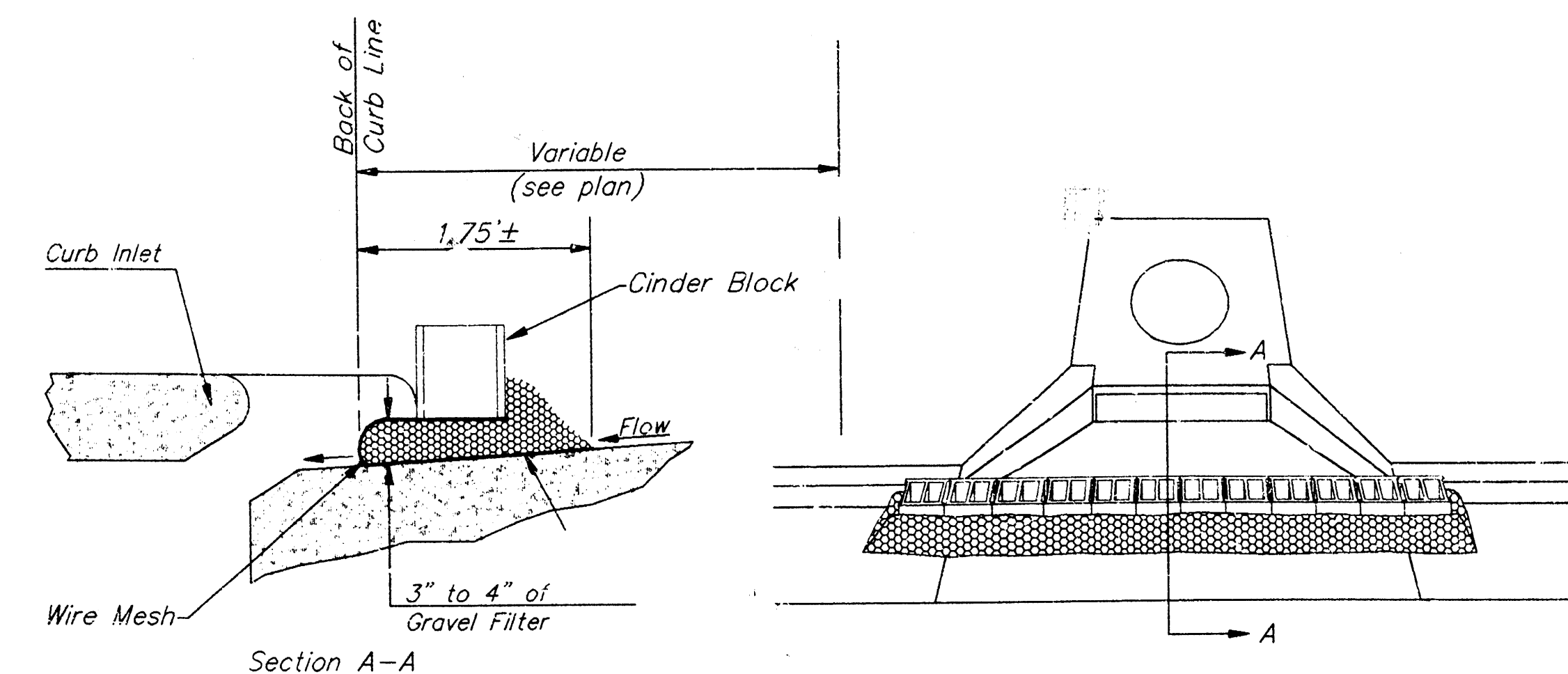
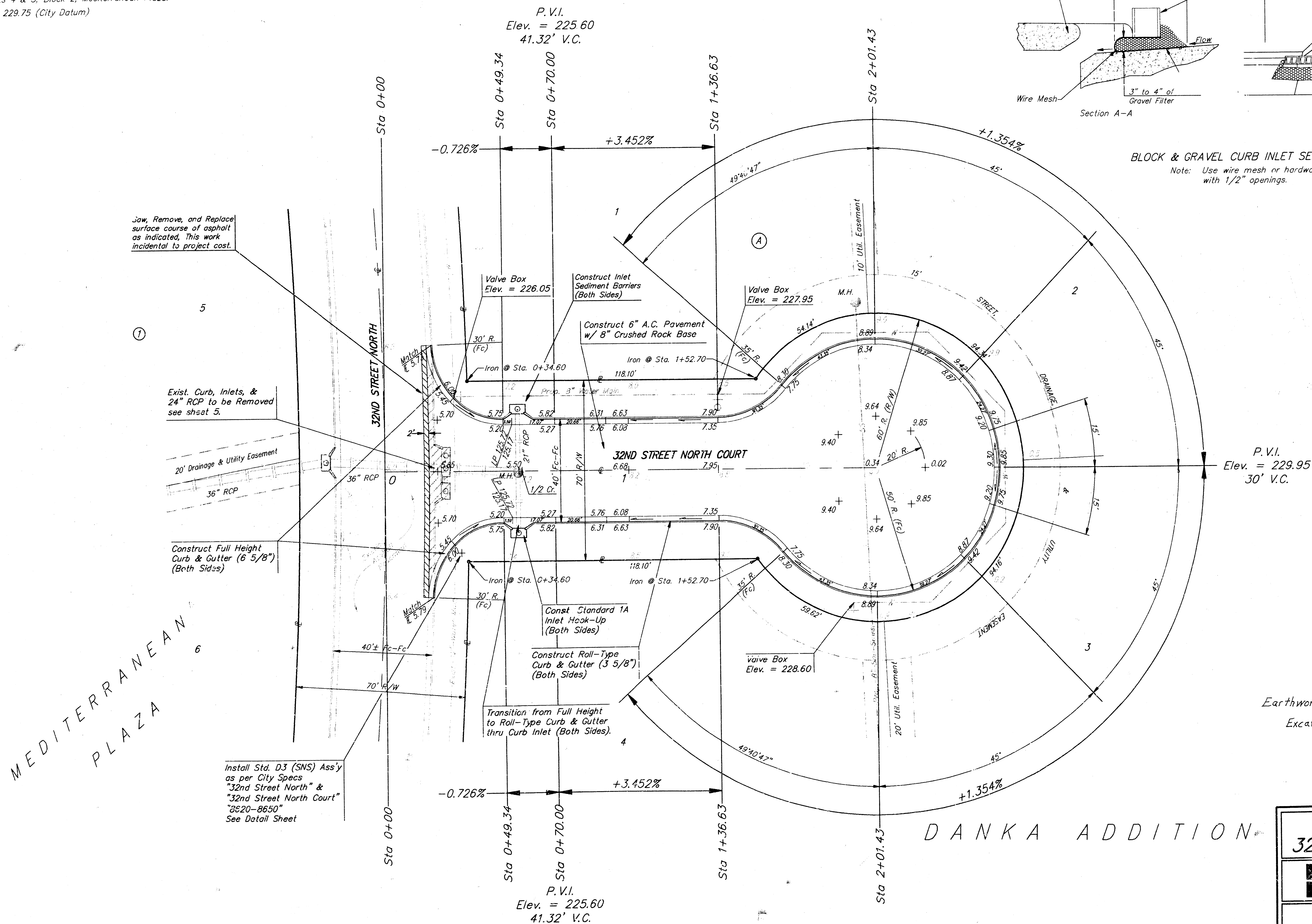
Shop drawings of layout for SNS shall be submitted to the Traffic of Engineering Division of the City of Wichita for approval prior to fabrication. The finished signs as supplied shall be of good appearance, free from ragged edges, cracks, scales or blisters, and shall be clean cut. Signs shall be packed in such a manner as to prevent damage or defacement during shipment or storage.

12. New traffic control and street name signs. New traffic control and street name signs shall be measured and paid for at the lump sum price for signing. The payment as set forth above shall be considered full compensation for all excavation, backfilling, posts, anchors, fasteners, materials, labor, tools, and incidentals necessary to complete this work.

BENCHMARKS

"□" Cut Top of Curb Located 1' West of Curb Inlet and 15' North of N.E. Corner, Lot 5, Block 1 Mediterranean Plaza.
Elevation = 225.94 (City Datum)

"□" Cut Top of North Curb On 32nd Street North, Between Lots 4 & 5, Block 2, Mediterranean Plaza.
Elevation = 229.75 (City Datum)



BLOCK & GRAVEL CURB INLET SEDIMENT BARRIER

Note: Use wire mesh or hardware cloth with 1/2" openings.



Scale: 1" = 20'
• = Iron

Note: Roll Type Curb & Gutter To Be Const On This Sheet

Earthwork Totals: (C.Y.)
Excavation = 1083

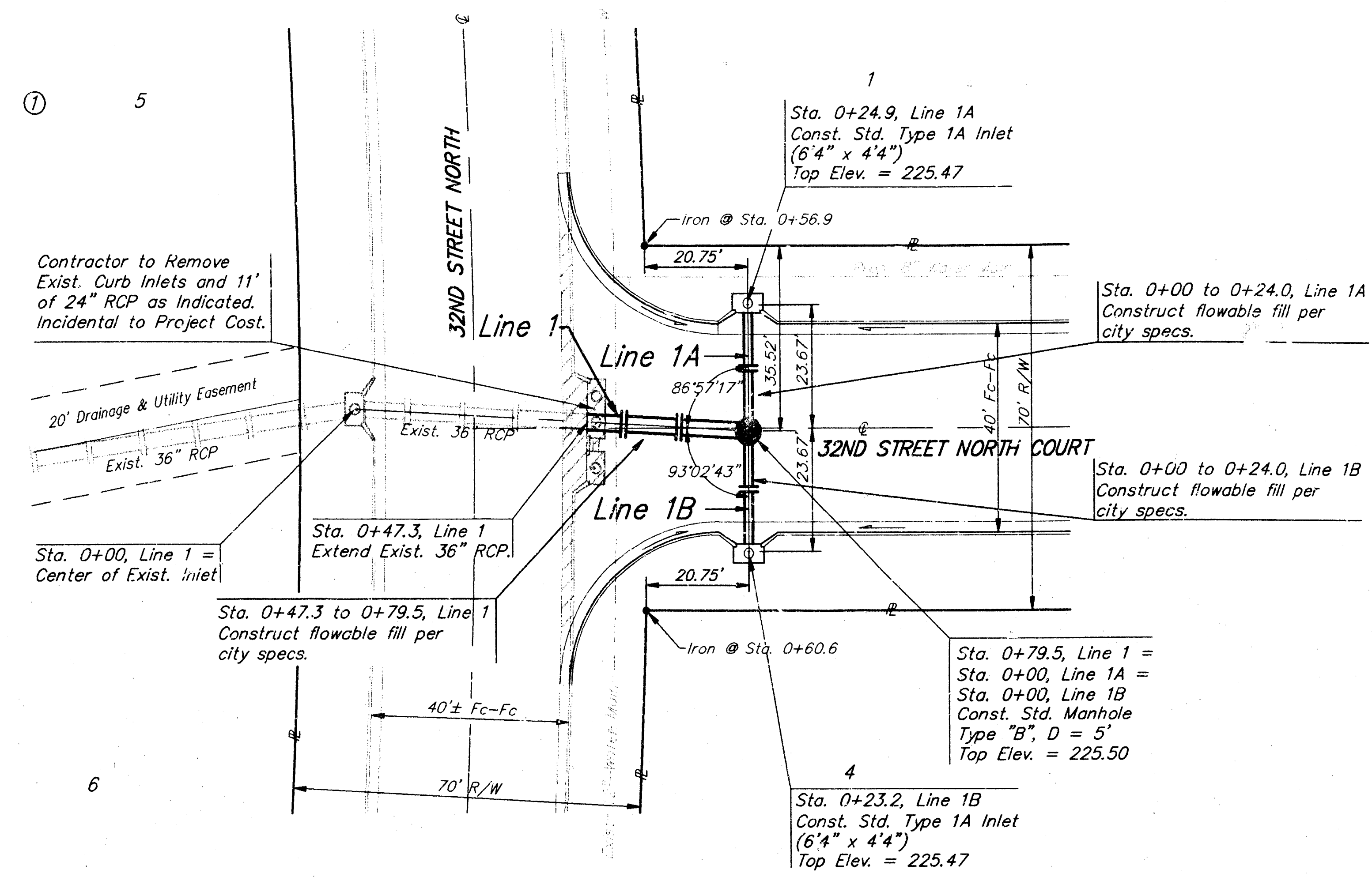
DANKA ADDITION			
32ND STREET NORTH COURT			
BAUGHMAN COMPANY P. A. ENGINEERING & SURVEYING 316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211			
PROJECT NUMBER 472-76-245-8240-000-000-001			
DESIGN B.P.	DRAWN MSP	UTIL. CHECK'D DATE Feb. 1993	SCALE noted
SHEET 4 OF 9			93-07-4576

BENCHMARKS

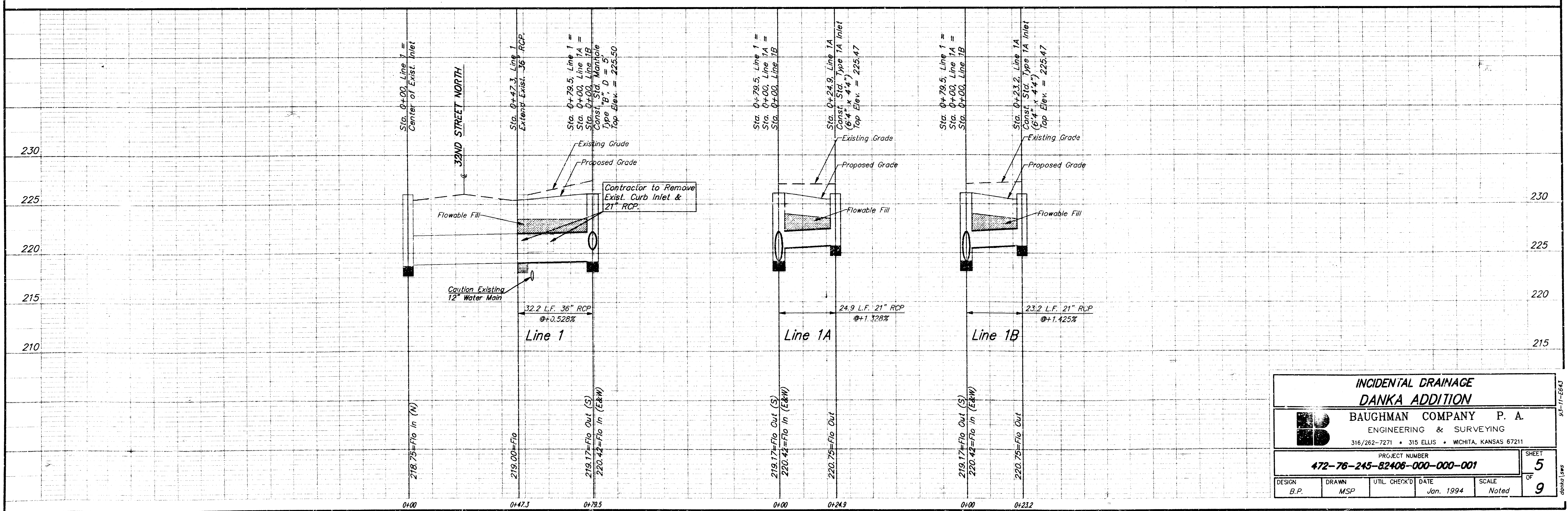
"□" Cut Top of Curb Located 1' West of Curb Inlet and 15' North of N.E. Corner, Lot 5, Block 1 Mediterranean Plaza.
Elevation = 225.94 (City Datum)

"□" Cut Top of North Curb On 32nd Street North, Between Lots 4 & 5, Block 2, Mediterranean Plaza.
Elevation = 229.75 (City Datum)

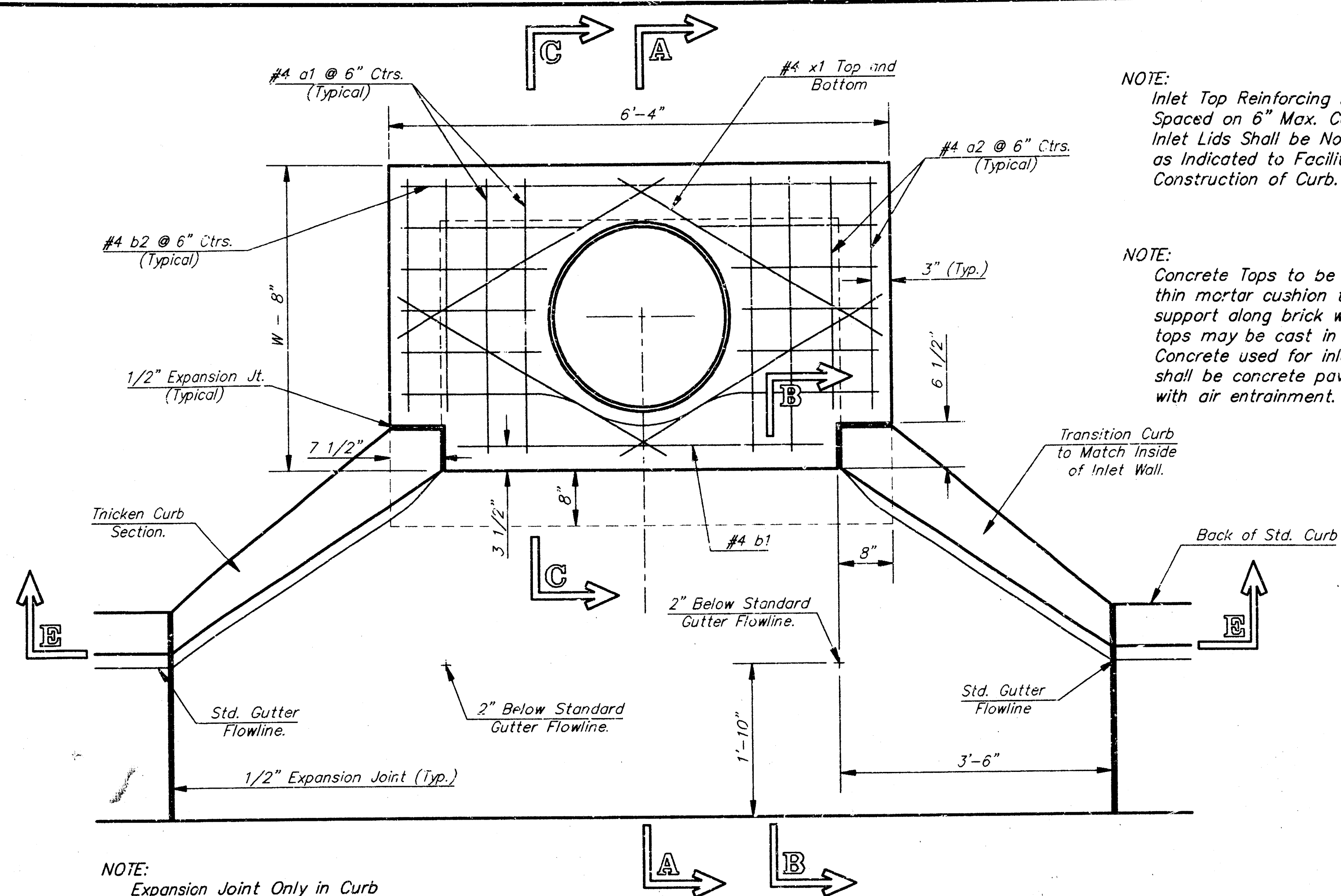
MEDITERRANEAN PLAZA



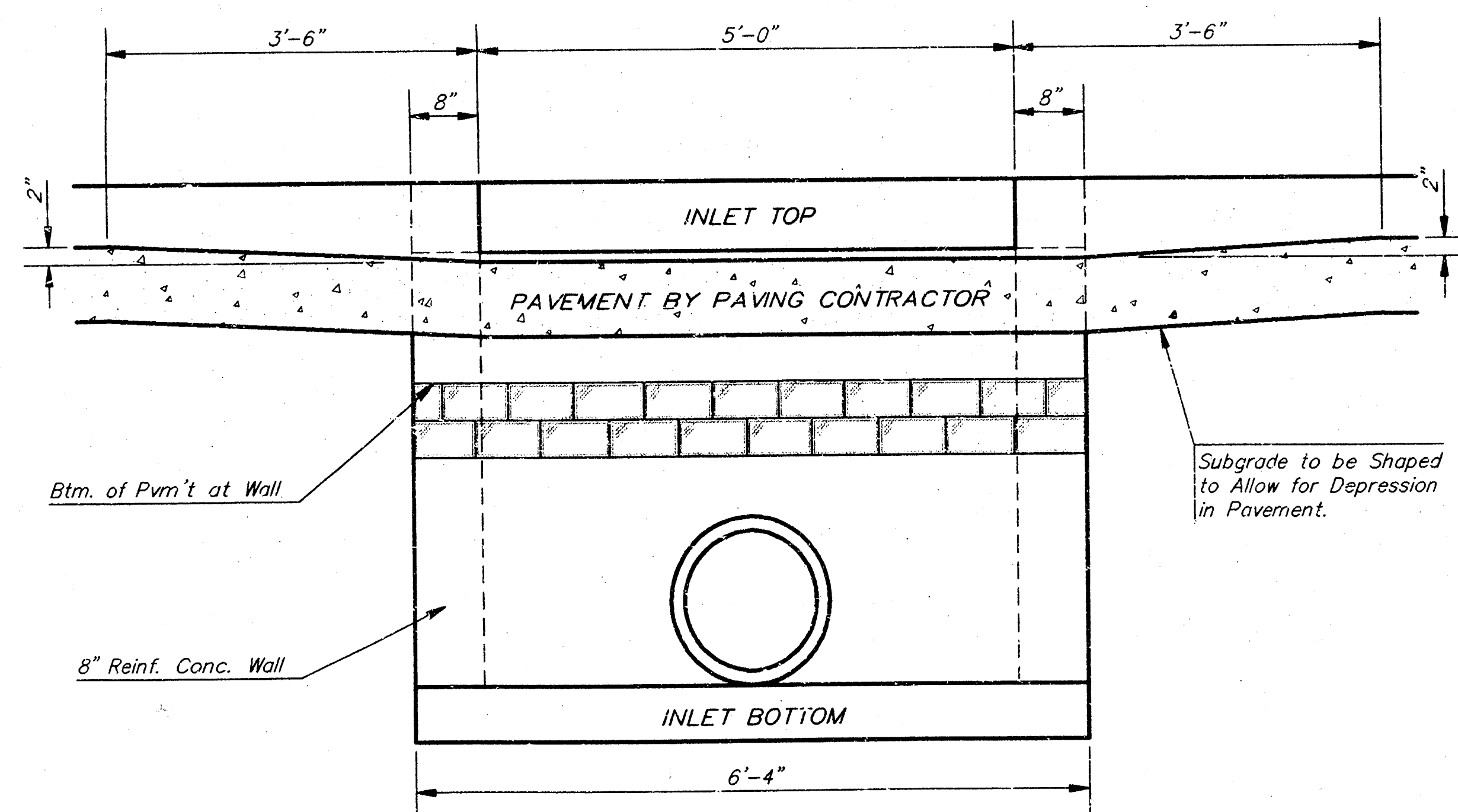
Scale: 1" = 20' Horizontal
1" = 5' Vertical
• = Iron



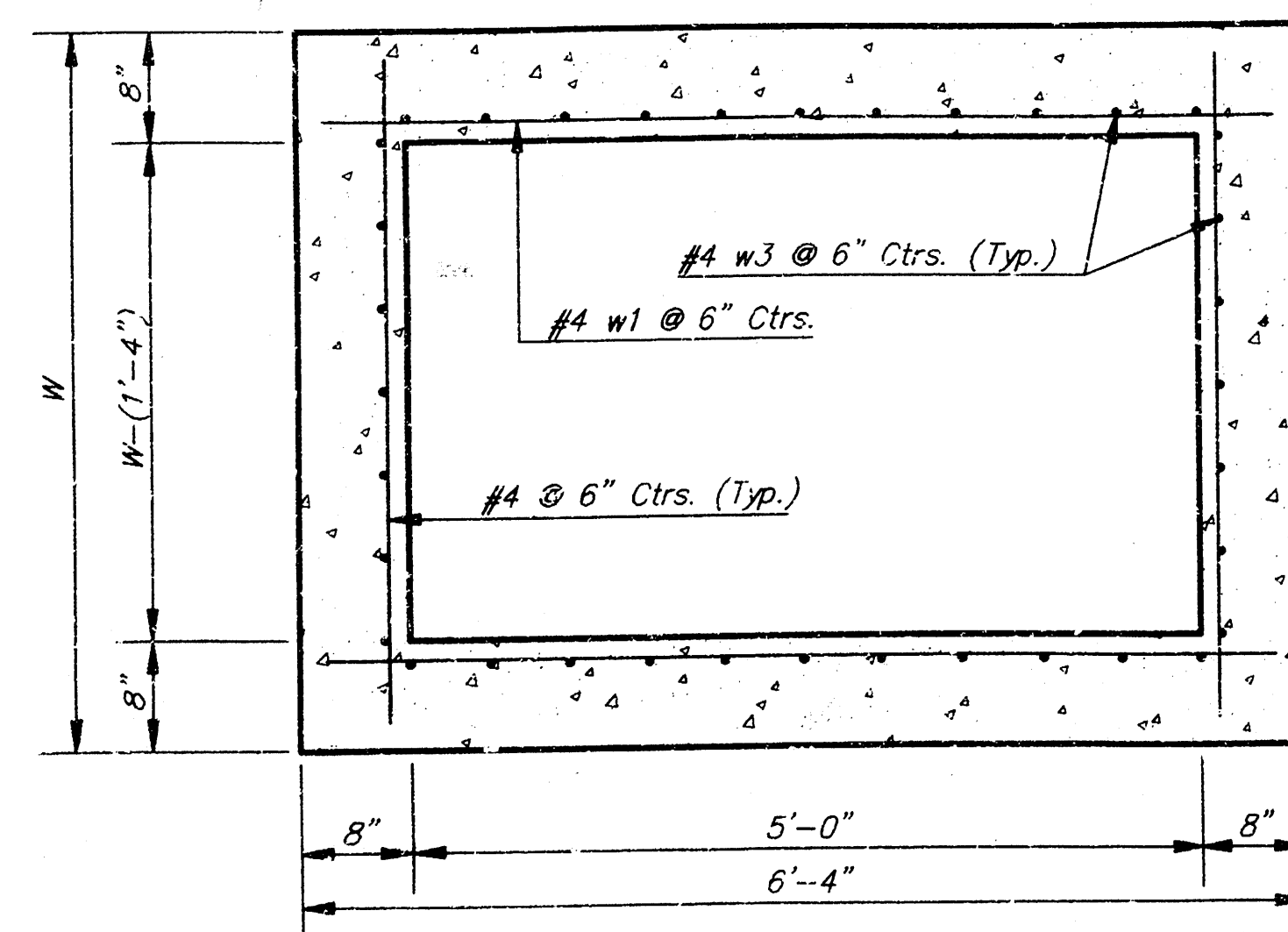
INCIDENTAL DRAINAGE DANKA ADDITION					
BAUGHMAN COMPANY P. A. ENGINEERING & SURVEYING 315/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211					
PROJECT NUMBER 472-76-245-82408-000-001					
DESIGN B.P.	DRAWN MSP	UTIL CHECK'D	DATE Jan. 1994	SCALE Noted	SHEET 5 OF 9



PLAN

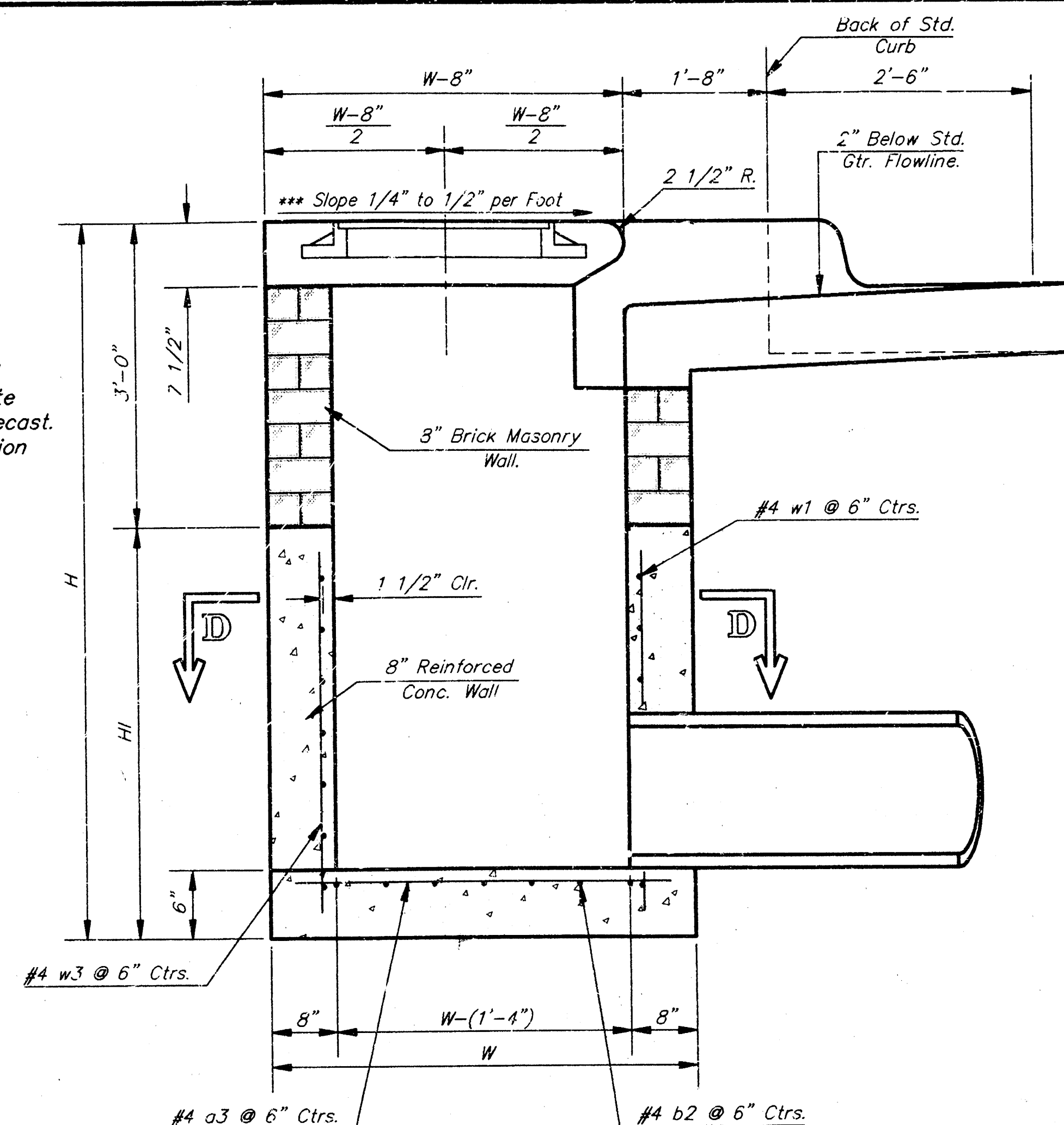


SECTION E-E

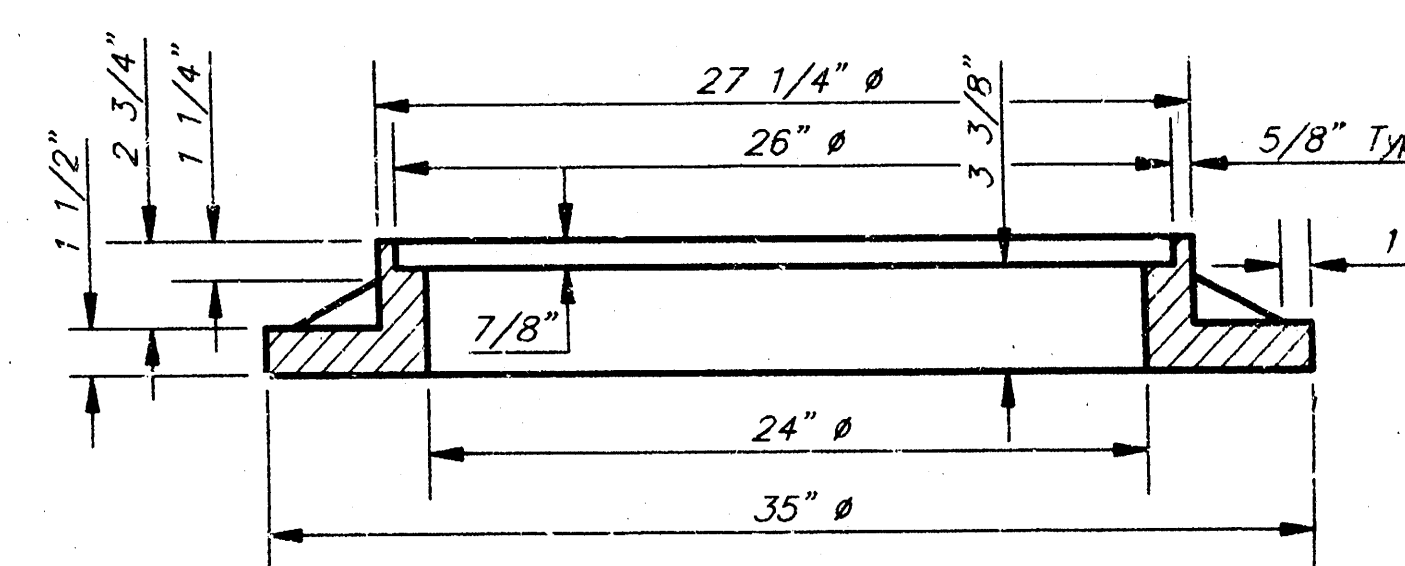
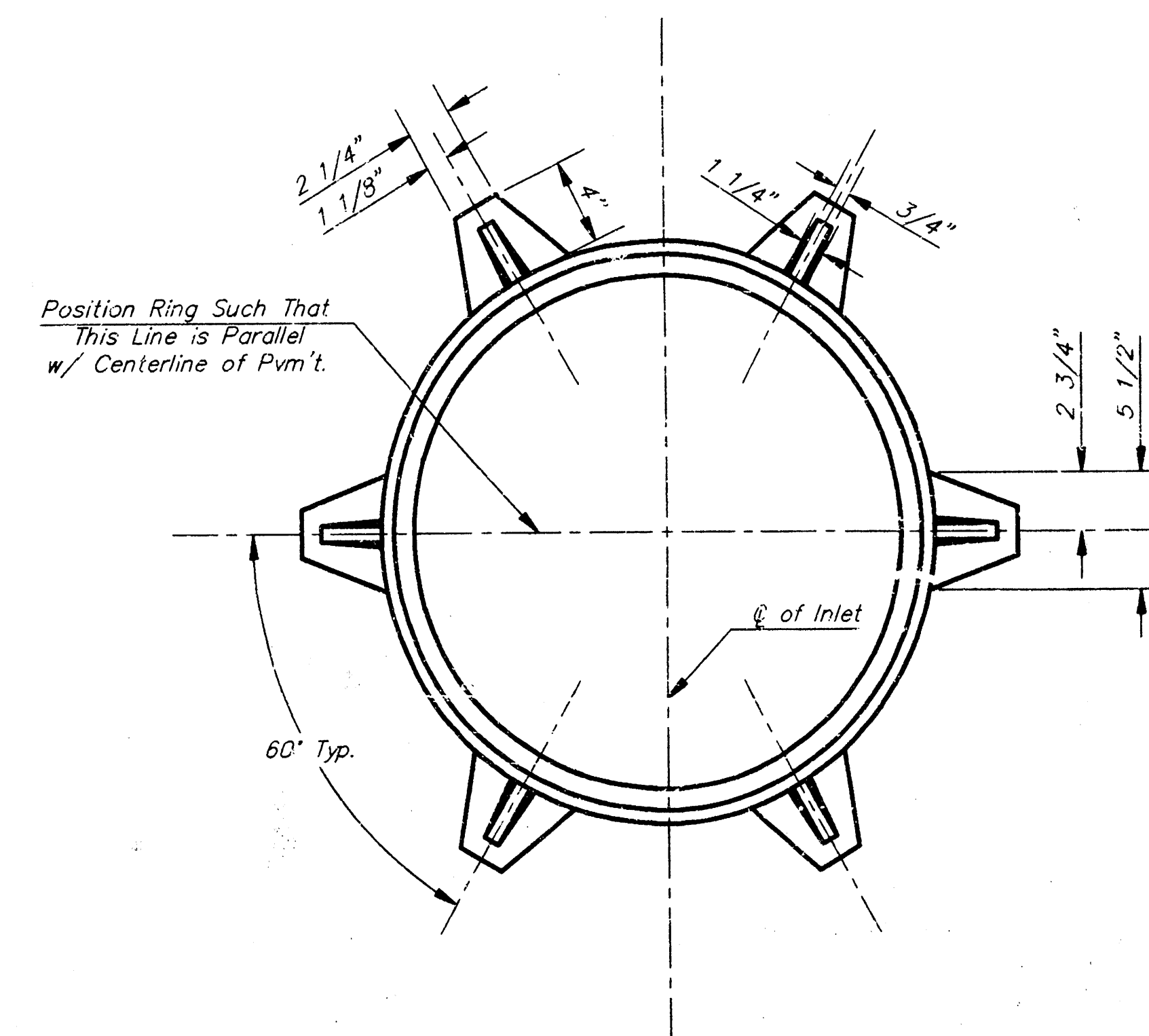
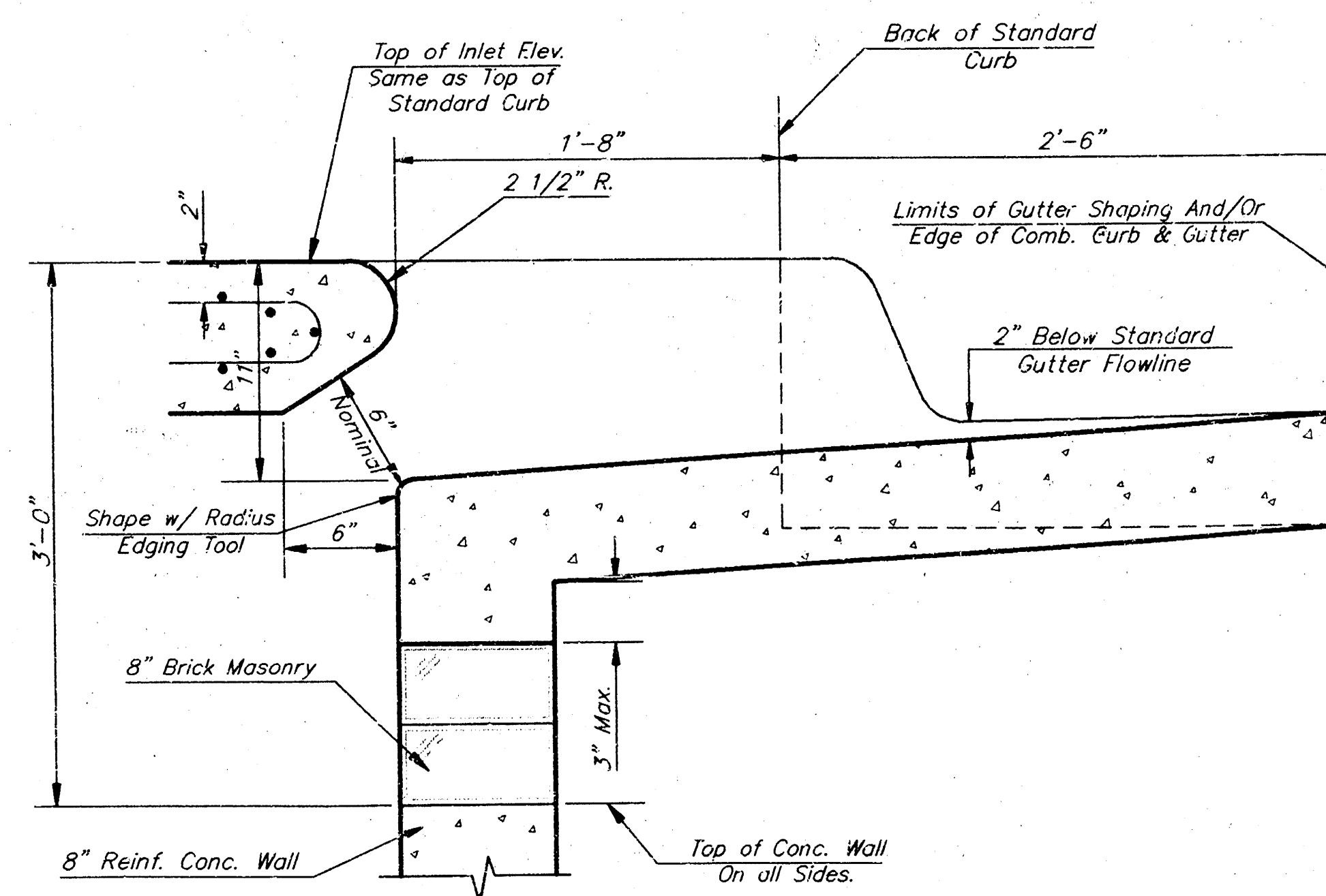


NOTE: Inlet Top Reinforcing shall be Spaced on 6" Max. Centers. Inlet Lids Shall be Notched Out as Indicated to Facilitate Construction of Curb.

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.

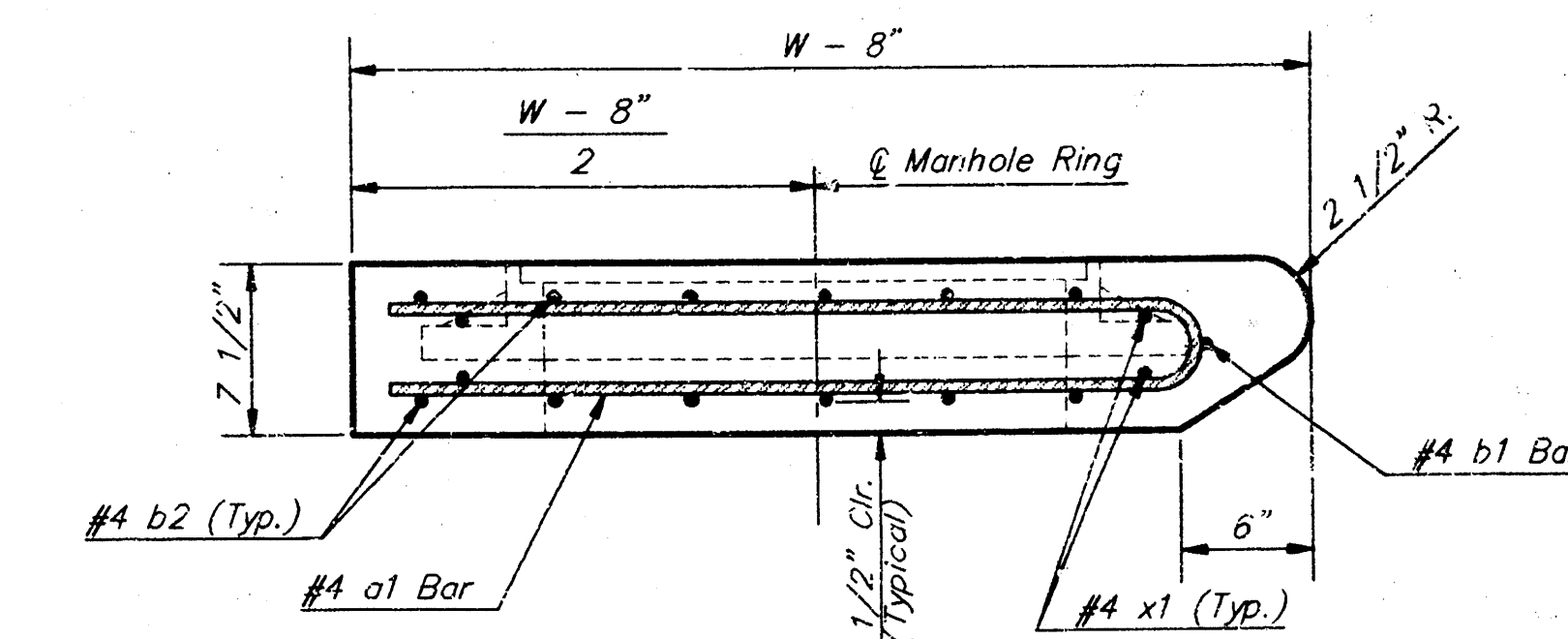


***NOTE: Slope of Inlet tops to Match Sidewalk or Parking Slopes within Limits Indicated.



MANHOLE RING AND COVER

Weight = 180 Lbs.
*See City of Wichita Standard Manhole Ring and Cover Detail Sheet for Cover Details to Be Used With Inlet Frame.



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 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.

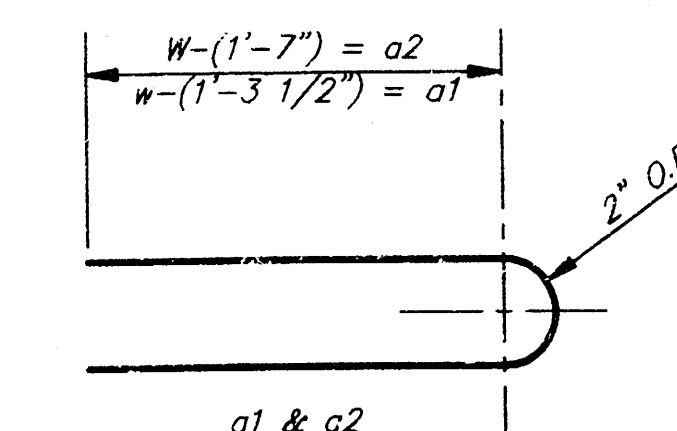
The ends of all pipes installed in inlets shall be cut off flush with the inside face of the inlet wall

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"

* Field Bend or Out Reinforcing as Required for Clearance.

① 4 (H1 - 12") (H1 - 21") Rounded down to nearest 0.5"

② H1 - 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±	

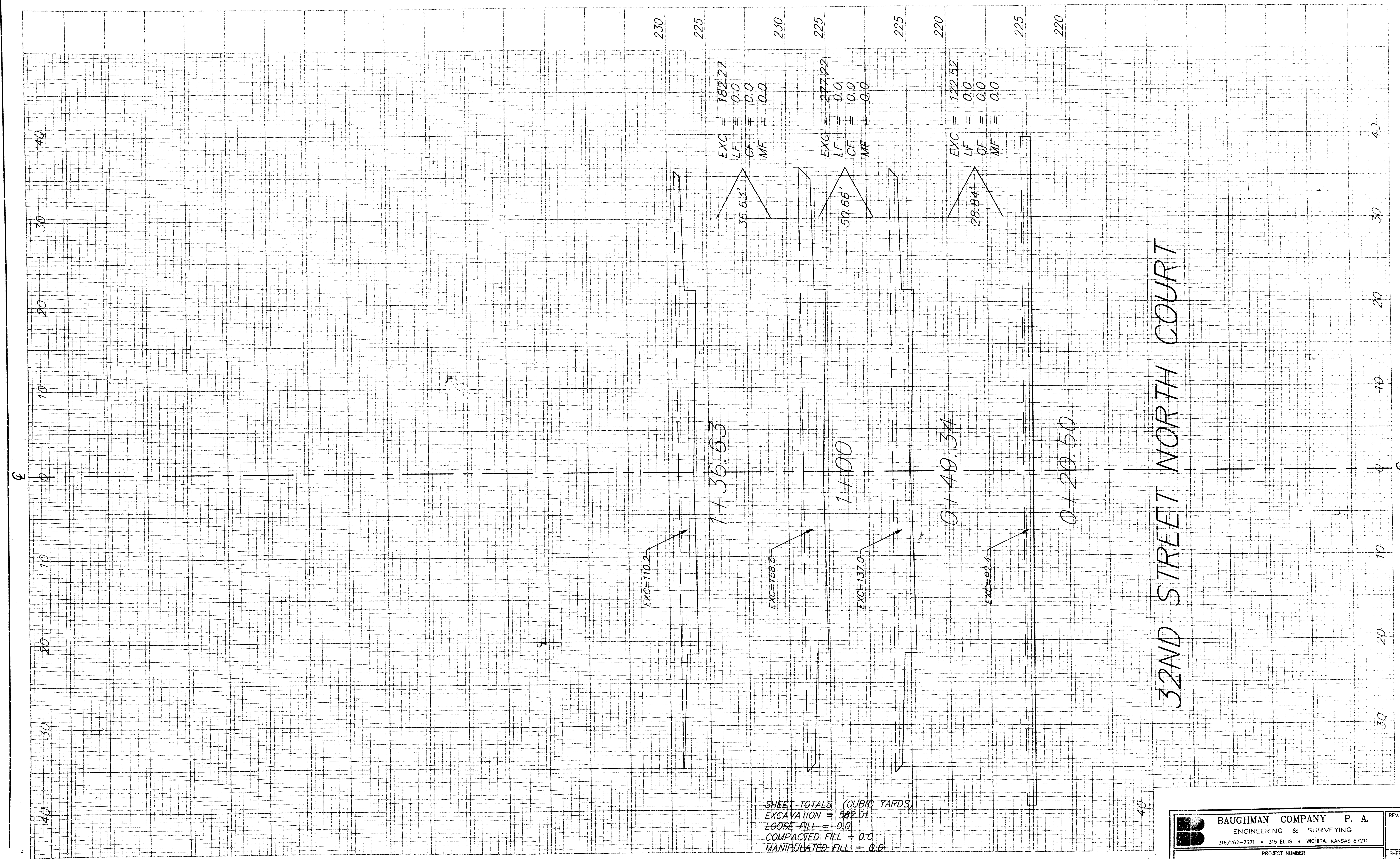
CITY OF WICHITA STANDARD TYPE 1A
CURB INLET DETAILS
INLET OPENING = 6" x 5'-0"

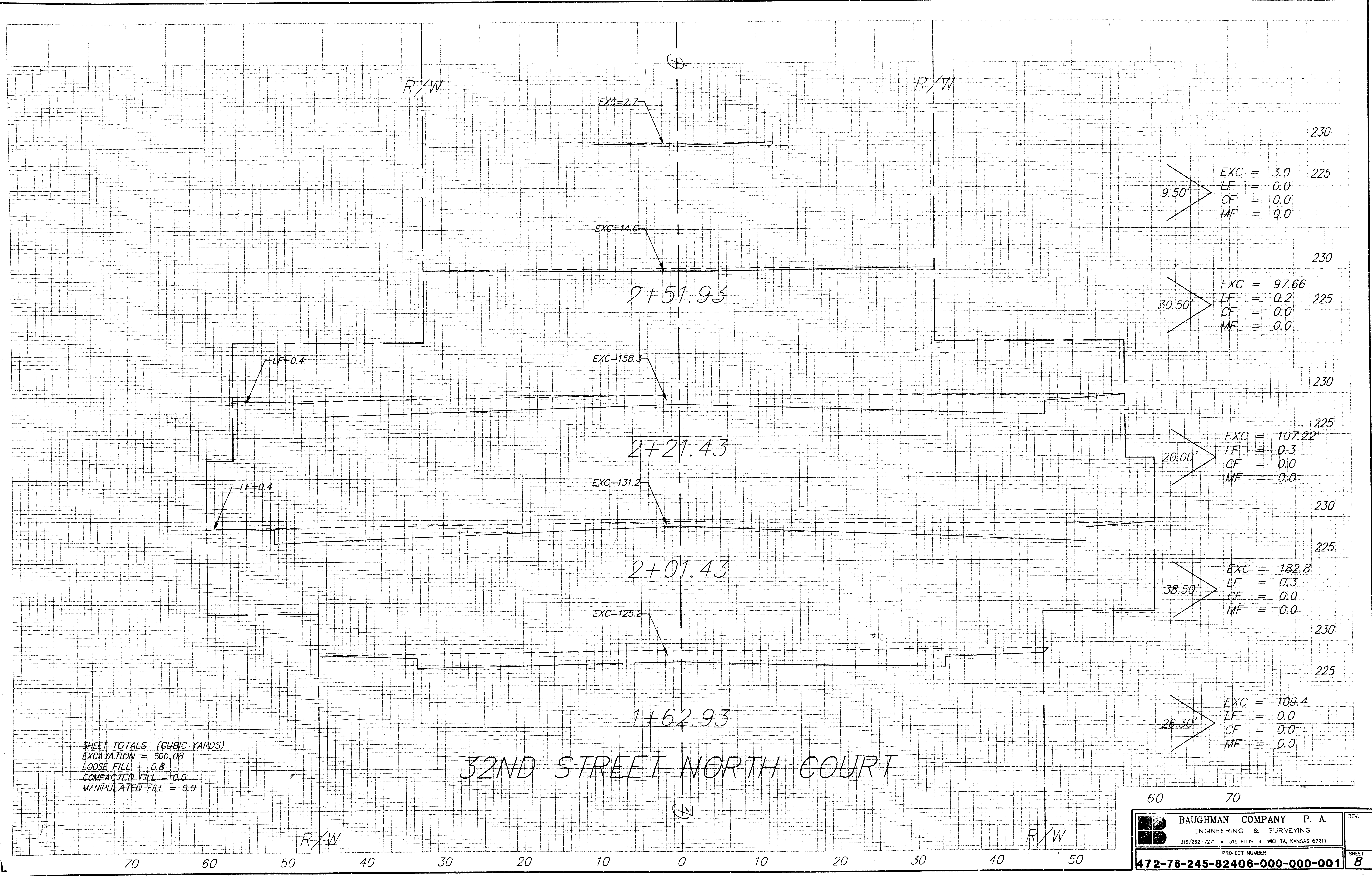
PROJECT NUMBER
472-76-82406-000-000-001

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

Revised - Feb. 16, 1989

SHEET 6 OF 9





60
70

BAUGHMAN COMPANY P. A.

ENGINEERING & SURVEYING

315/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER
472-76-245-82406-000-000-001

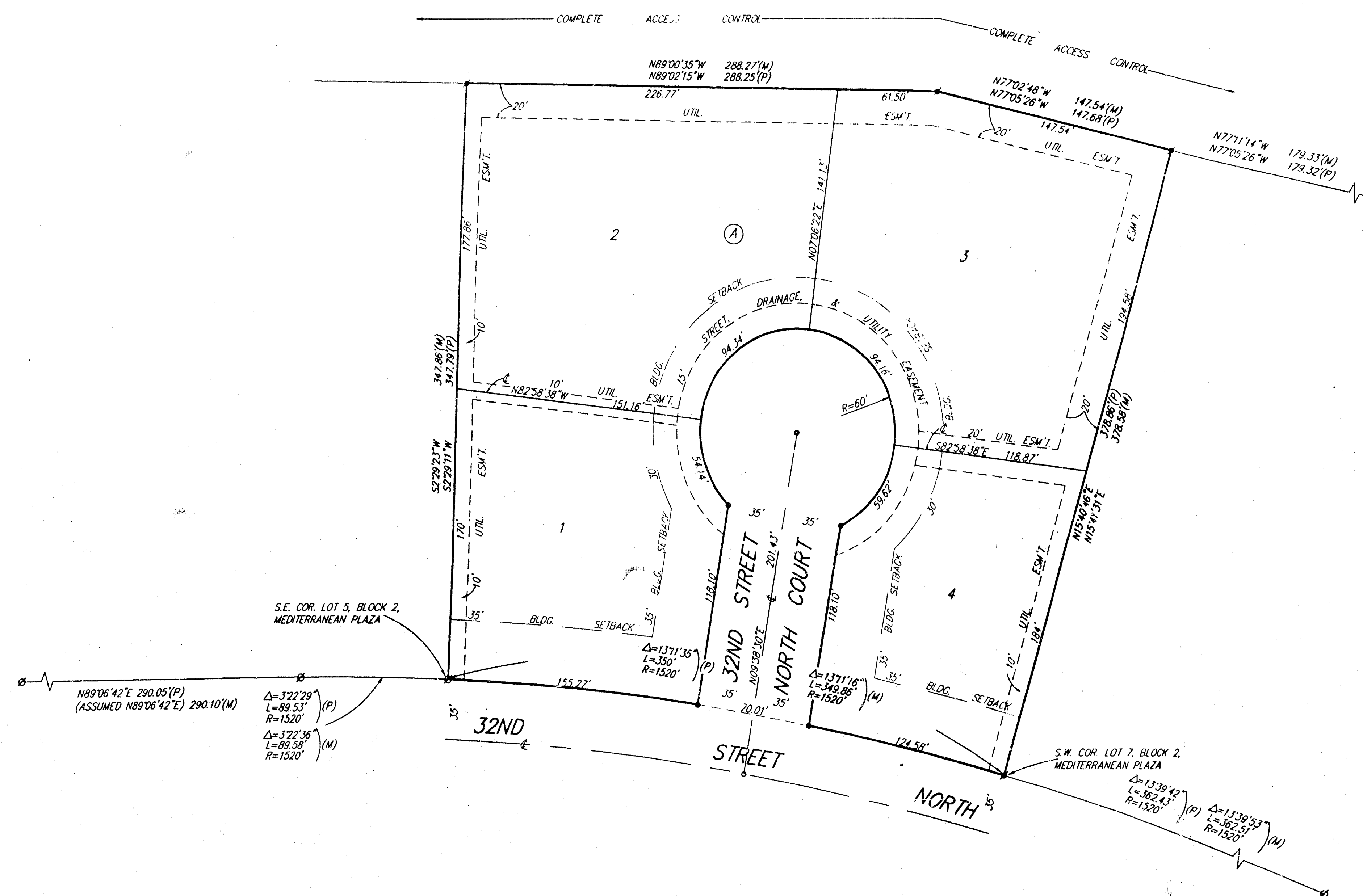
REV.

8

DANKA ADDITION

WICHITA, SEDGWICK COUNTY, KANSAS

NORTHEAST EXPRESSWAY RIGHT-OF-WAY
(FILM 811, PAGE 792)



FOUND CORNERS ARE OF UNIDENTIFIED
ORIGIN UNLESS IDENTIFIED ON SKETCH

(P) = PLATTED
(M) = MEASURED
BEARING BASE = ASSUMED

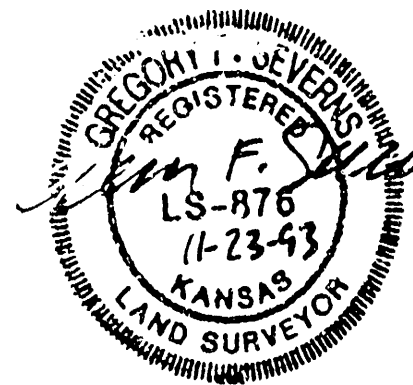
- = 1/2" REBAR W/ "BAUGHMAN" CAP (SET)
- = 1/2" IRON (FOUND)
- = 1/2" REBAR (FOUND)

State of Kansas)
County of Sedgwick)
We, Baughman Company P.A., Surveyors in
aforesaid county and state do hereby certify that we have surveyed
and platted "DANKA ADDITION" to 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 Lot 6, Block 2, Mediterranean
Plaza, an Addition to Wichita, Sedgwick County, Kansas.

All being situated in the S.W. 1/4 of Sec. 32, Twp. 26-S, R-2-E of the
6th P.M., Sedgwick County, Kansas.

Existing public easements being vacated by virtue of KSA 12-512(b).

Baughman Company, P.A.



Gregory F. Severns
Gregory F. Severns
Surveyor

This plat of "DANKA ADDITION", Wichita,
Sedgwick County, Kansas, has been submitted to and approved by
the Wichita-Sedgwick County Metropolitan Area Planning Commission,
Wichita, Kansas.

Dated this 14th day of November, 1993.
Wichita-Sedgwick County Metropolitan Area Planning Commission.

James D. Miner
Chairman
James D. Miner

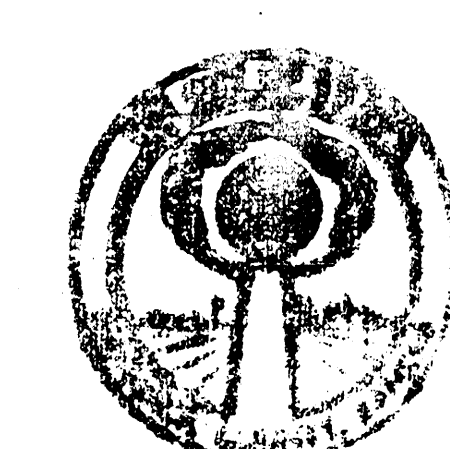
Marvin S. Krout
Secretary
Marvin S. Krout



This plat approved and all dedications
shown hereon accepted by the City Council of the City of Wichita,
Kansas, this 14th day of November, 1993.

Elma Broadfoot
Mayor
Elma Broadfoot

Pat Burnett
Deputy City Clerk
Pat Burnett



Know all men by these presents that we,
the undersigned, have caused the land described in a surveyors
certificate to be platted into lots, a block, and a street to be known
as "DANKA ADDITION", Wichita, Sedgwick County, Kansas. The utility
easements are hereby granted as indicated for the construction and
maintenance of all public utilities. The street, drainage, and utility
easement is dedicated to and for the use of the public, and is hereby
granted as indicated for drainage purposes and for the construction and
maintenance of all public utilities. The street is hereby dedicated to
and for the use of the public. All abutters rights of access to or
from Northeast Expressway over and across the north lines of Lots 2
and 3, Block A, are hereby granted to the appropriate governing body.

M. E. Barger & Associates, Inc.

Benjamin Godwin
President
Benjamin Godwin

#1348352

Entered on transfer record this 14th day
of January, 1994.



Susan E. Crockett-Spoon
County Clerk
Susan E. Crockett-Spoon
Brent W. Shelton - Deputy Clerk

State of Kansas)
Sedgwick County)
This is to certify that this plat has been
filed for record in the office of the Register of Deeds, this 14th day
of JANUARY, 1994, at 10:00 o'clock P.M., and is duly
recorded.

Pat Kettler
Register of Deeds
Pat Kettler

Ed Resa
Deputy
Ed Resa

State of Florida)
PINELLAS County)
The foregoing instrument acknowledged be-
fore me, this 24th day of November, 1993, by Benjamin Godwin,
President, M. E. Barger & Associates, Inc., on behalf of the cor-
poration.



Denise L. Parham
Notary Public
DENISE L. PARHAM
My App'l. Exp. 4-6-96