

GENERAL NOTES

1. A saw cut of at least one-half the depth of existing surface courses or one-fourth the depth of 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, except when such saw cuts are within three (3) feet of an existing joint the limits of removal shall be extended 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.
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.
3. 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 permitting regulations. Any material buried or stockpiled beyond approved of Engineers construction limits would require additional archeological investigations unless buried in a previously approved borrow location.
4. Limits of earthwork shall match existing ground elevations at the right-of-way line unless 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.
5. 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.
6. The Contractor shall give all property owners and/or tenants of developed property directly abutting the construction of this project a minimum of ten (10) days advance notice prior to start of construction.
7. 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. Location information has been obtained from the various utility companies and is either from company record drawings or company-provided field locations. The Contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.
8. 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.
9. The Contractor will provide temporary seeding of the R/W with rye grass at a rate of 20lbs/acre.
10. No more than 1 drive 25 feet in width or equivalent combinations thereof, are to be constructed with this project.
11. Traffic will not be affected by construction of this project.

BENCHMARK

"□" CUT ON TOP OF S. CURB 44TH ST. S.
 @ E. END OF CURVE ON N. SIDE OF LOT 3, BLOCK 2,
 COTTONWOOD GROVE ADDITION
 ELEV.=95.40 (CITY DATUM)

TOTAL PROJECT LENGTH = 450 FT.

SUMMARY OF EARTHWORK

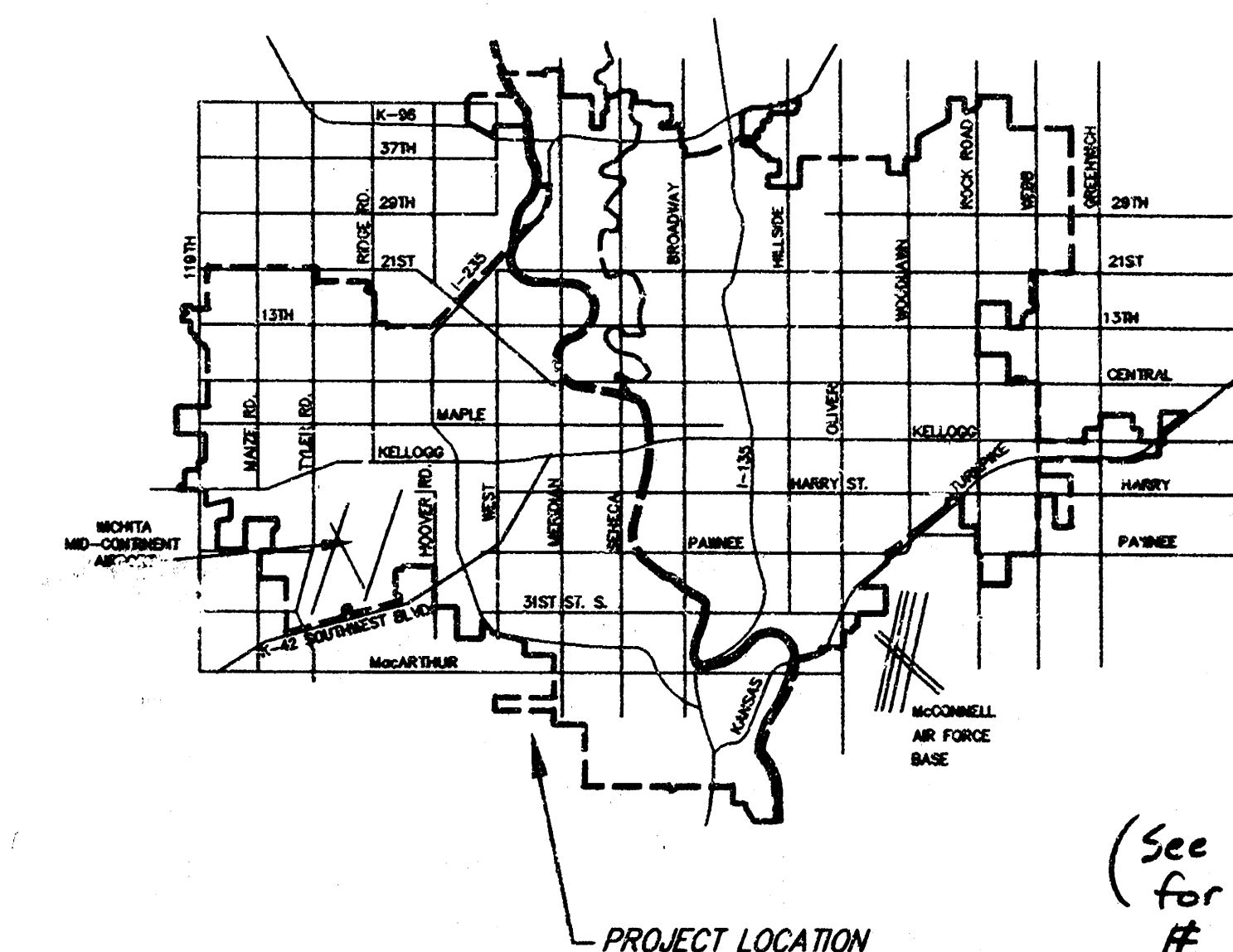
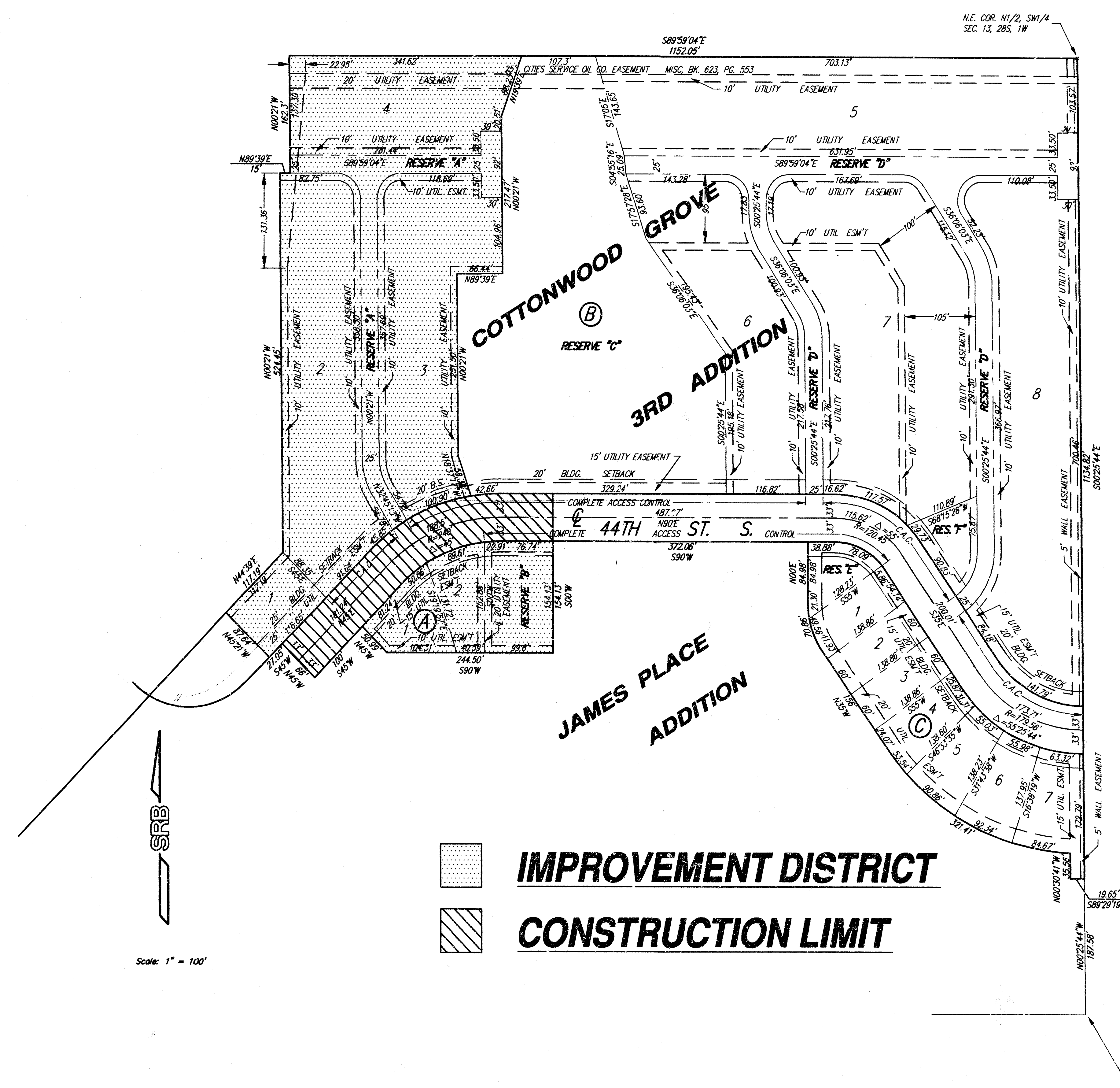
EXCAVATION = 635 C.Y.
 LOOSE FILL = 223 C.Y.
 COMPACTED FILL = 11 C.Y.

44TH STREET SOUTH IMPROVEMENTS FROM 100' W. OF W.L. LOT 1, BLOCK A, TO E.L. OF RESERVE "B" COTTONWOOD GROVE 3RD ADDITION CITY OF WICHITA, KANSAS MICHAEL E. LINDEBAK, P.E. - CITY ENGINEER

PROJECT NO. 116-PPP
 INDEX CODE 607879

INDEX

1. TITLE SHEET
2. TYPICAL 37" PAVT. SECTION
3. VALLEY CUTTER & WHEELCHAIR RAMP DETAILS
4. 44TH STREET SOUTH PAVING PLAN
5. TYPE 1 INLET DETAILS
6. SIGNING DETAILS
7. EARTHWORK CROSS SECTIONS
8. EARTHWORK CROSS SECTIONS/TOTALS
9. FINAL PLAT



As-Built Plans (Built per plan)

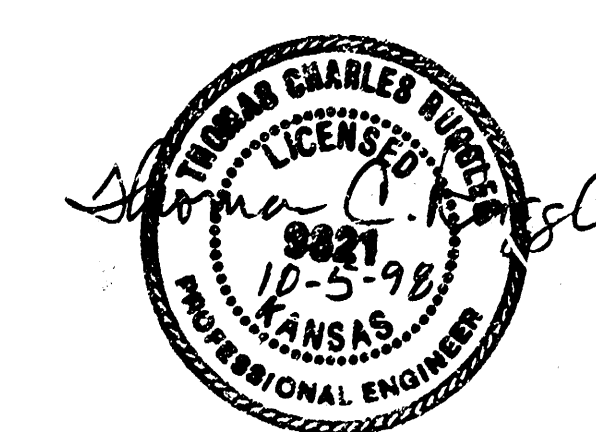
Inspector: Tim Kelly
 Inspection Firm: Savoy, Ruggles & Bohm
 Completion Date: 12-01-00

APPROVED AS NOTED
 BY CITY ENGINEER OF WICHITA

Sanitary Sewers _____
 Storm Sewers _____
 Driveway Approaches _____
 Water Mains _____
 Paving VRH 10/5/98

NOTE TO CONTRACTORS

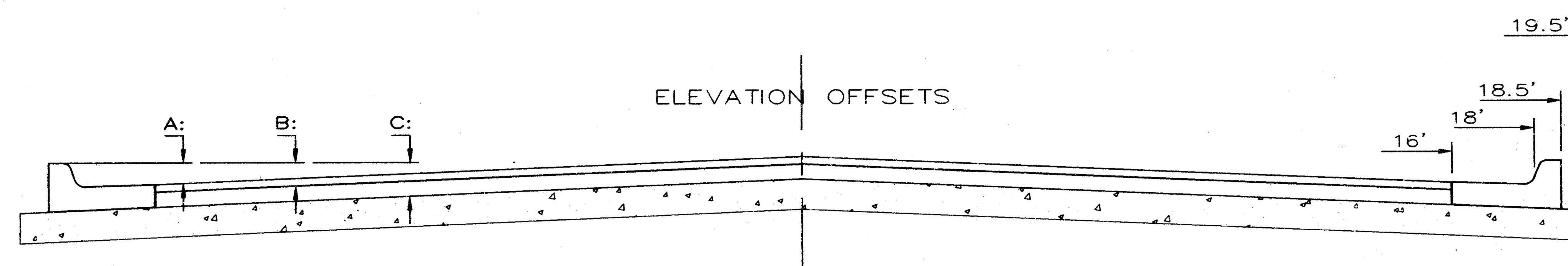
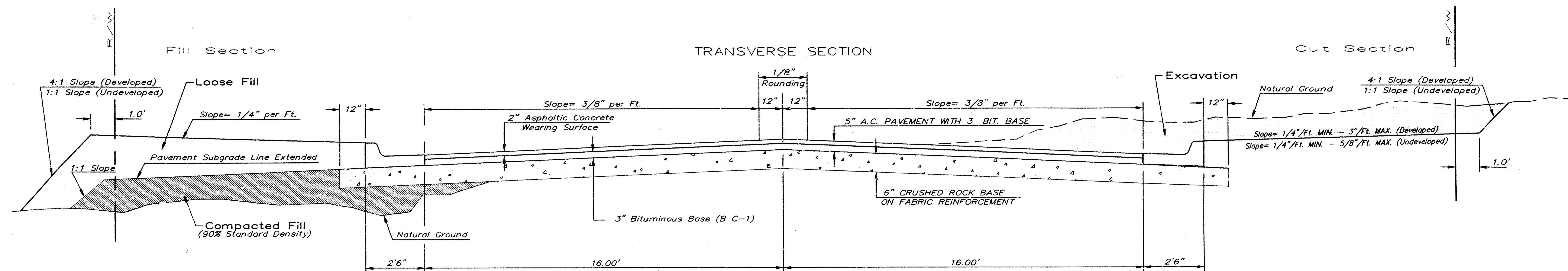
Inspection and testing for this project are to be provided by a Licensed Consulting Engineering Firm under contract with the Owner/Developer. Said inspection to be in accordance with the City of Wichita standard construction engineering practices and certified by a Licensed Professional Engineer. No work shall be performed in dedicated easements or public right-of-way by the Contractor without such inspection, nor shall any work be commenced without written authorization by the City Engineer.



SRB 924 NORTH MAIN 316-264-8008
 WICHITA, KANSAS 67203 FAX 264-4821
 SAVOY, RUGGLES & BOHM, P.A.
 ENGINEERING & SURVEYING

1046T

TYPICAL 37' B-B PAVEMENT DETAILS



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.

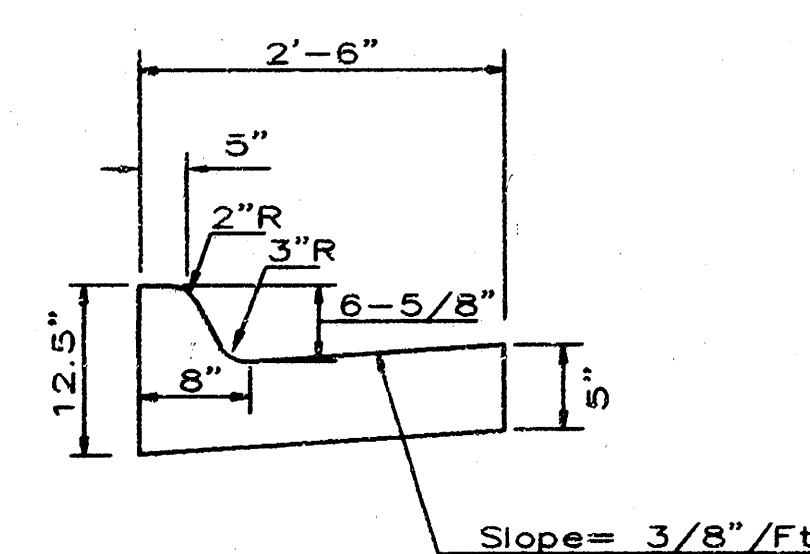
ROCK BASE IS TO BE COMPACTED AND SMOOTHED WITH A STEEL FACED ROLLER PRIOR TO PLACEMENT OF ASPHALT. TACK COAT WILL NOT BE APPLIED TO ROCK BASE.

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.

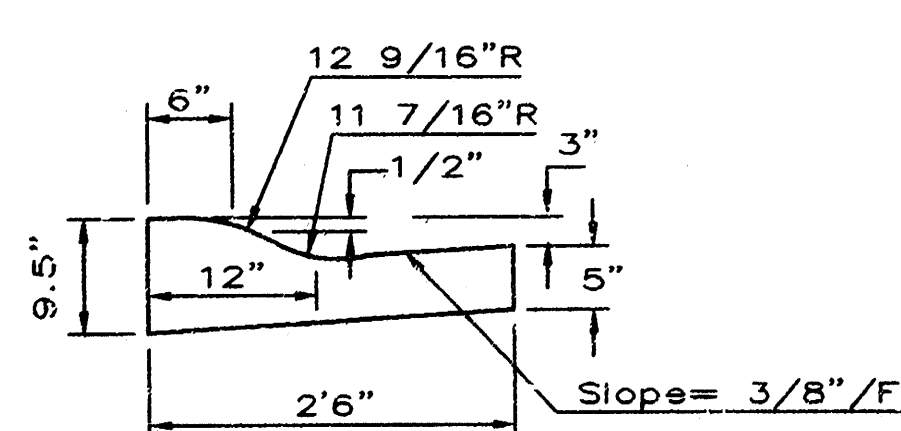
BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC CONTROLS FOR LINE AND GRADE.

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 5" ASPHALTIC CONCRETE (3" BITUMINOUS BASE.)

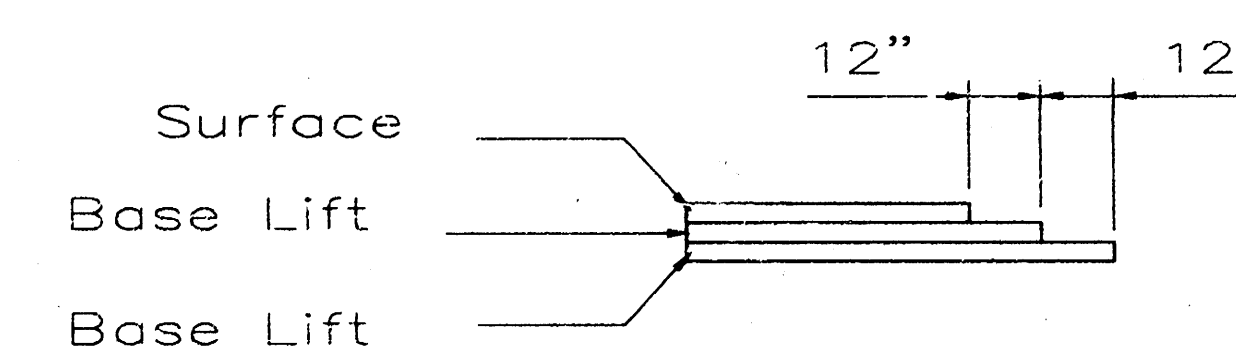


COMBINED CURB & GUTTER



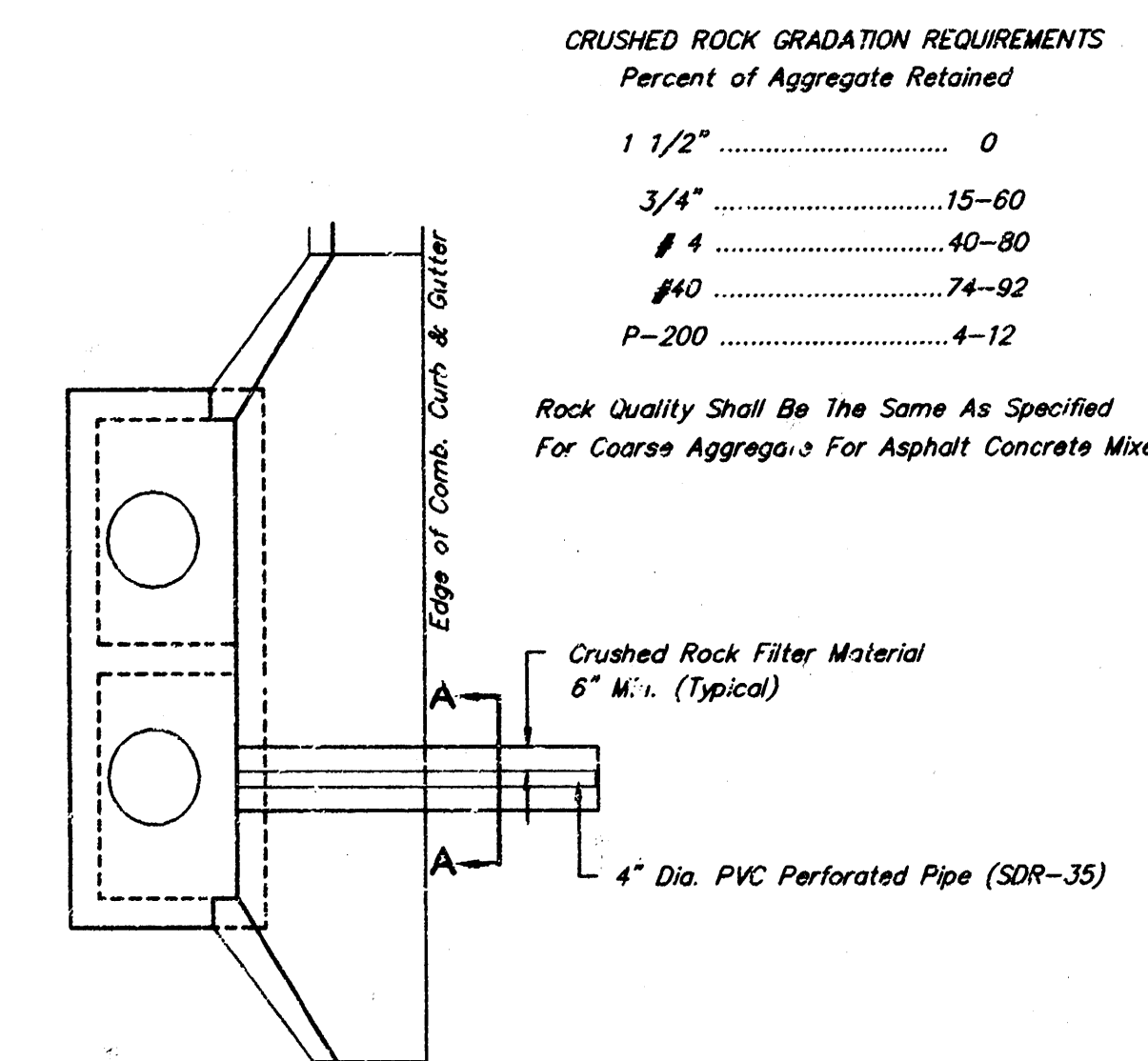
COMBINED ROLL TYPE CURB & GUTTER

	DISTANCE FROM CENTERLINE (L.T. & R.T.)														
	0'	2'	4'	6'	8'	10'	12'	14'	16'	18'	18.5'	19.5'			
A: Top of Curbs to Top of Surface Lift	0.01	.05	0.11	0.18	0.24	0.30	0.36	0.43	0.49	—	—	—			
B: Top of Curbs to Top of Upper Base Lift	0.17	0.22	0.28	0.34	0.40	0.47	0.53	0.59	0.65	—	—	—			
C: Top of Curbs to Top of C.R. Subgrade	0.42	0.47	0.53	0.59	0.65	0.72	0.78	0.84	0.90	0.97	0.98	1.01			



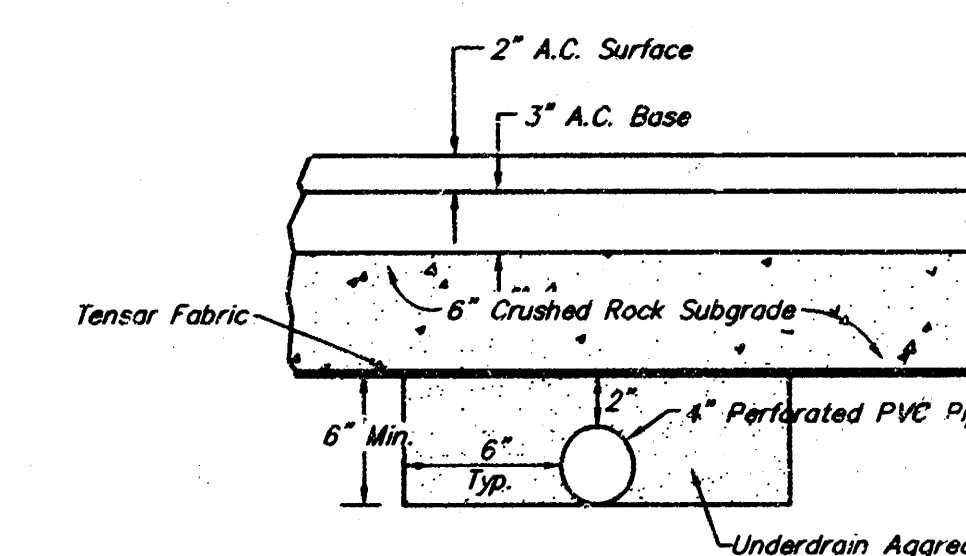
TRANSVERSE CONSTRUCTION JOINTS

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).



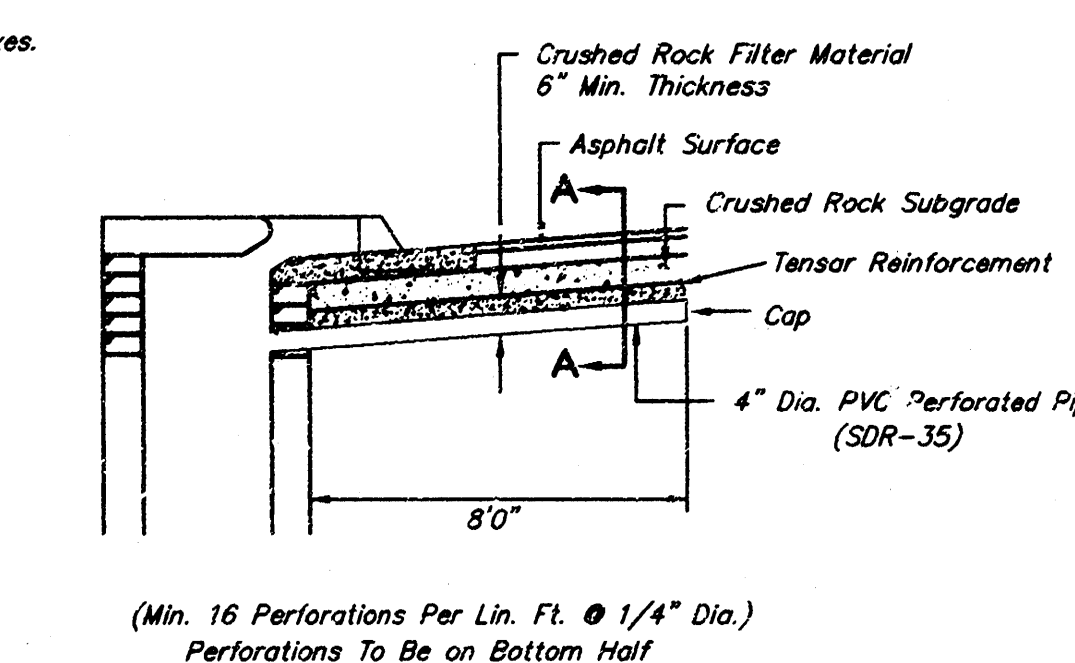
CRUSHED ROCK GRADATION REQUIREMENTS	Percent of Aggregate Retained
1 1/2"	0
3/4"	15-60
#4	40-80
#40	74-92
P-200	4-12

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



SECTION A-A

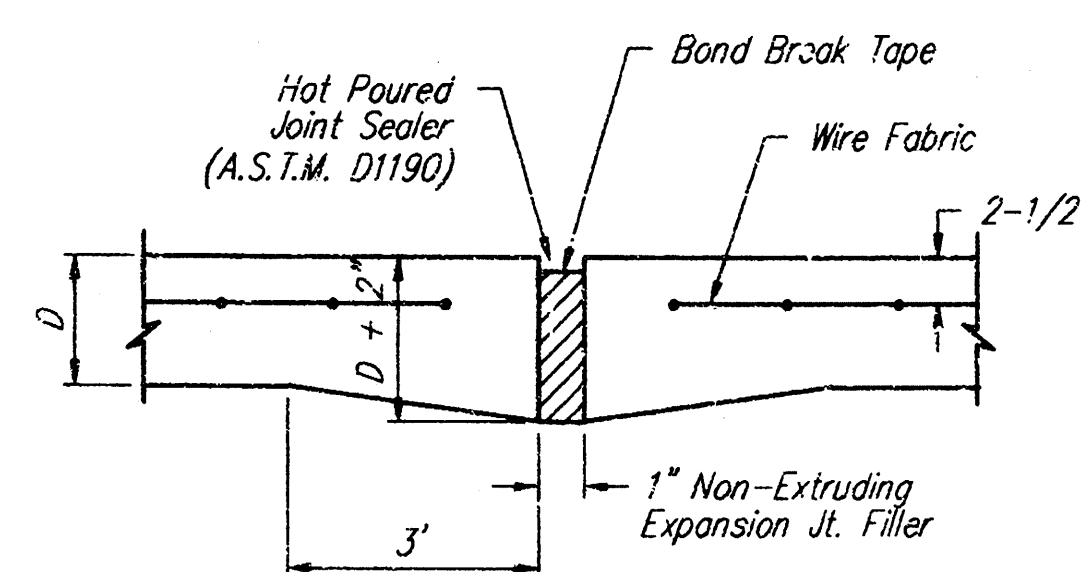
NOTE: Place 4" PVC Perforated Pipe at all drainage sump locations. Cost of Underdrain System to be incidental to the Reinforced Crushed Rock Subgrade.



(Min. 16 Perforations Per Lin. Ft. @ 1/4" Dia.) Perforations To Be on Bottom Half

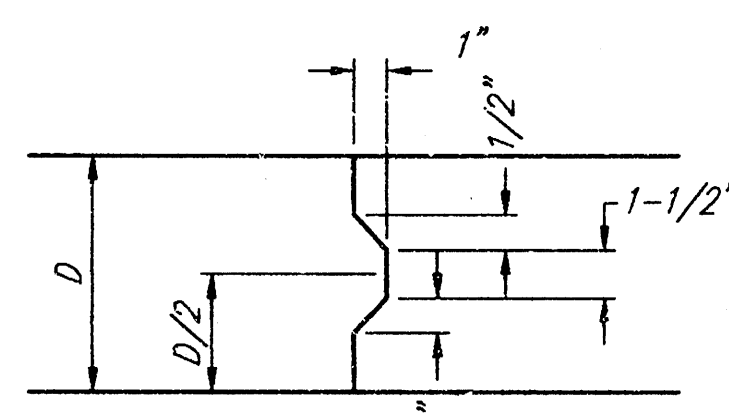
PAVEMENT UNDERDRAIN DETAIL

THE CITY OF WICHITA CITY ENGINEER'S OFFICE CITY HALL - SEVENTH FLOOR 425 NORTH MAIN STREET WICHITA, KANSAS 67202 (316) 268-4501 (316) 268-4112 FAX	37' PAVEMENT 5" ASPHALTIC CONC. W/ CRUSHED ROCK BASE	
	M. E. LINDEBAK P.E. - CITY ENGINEER	
	PROJECT NUMBER 116-PPP	DRAWING CODE 607879
	DATE MAR 96	SHEET 2 OF 9

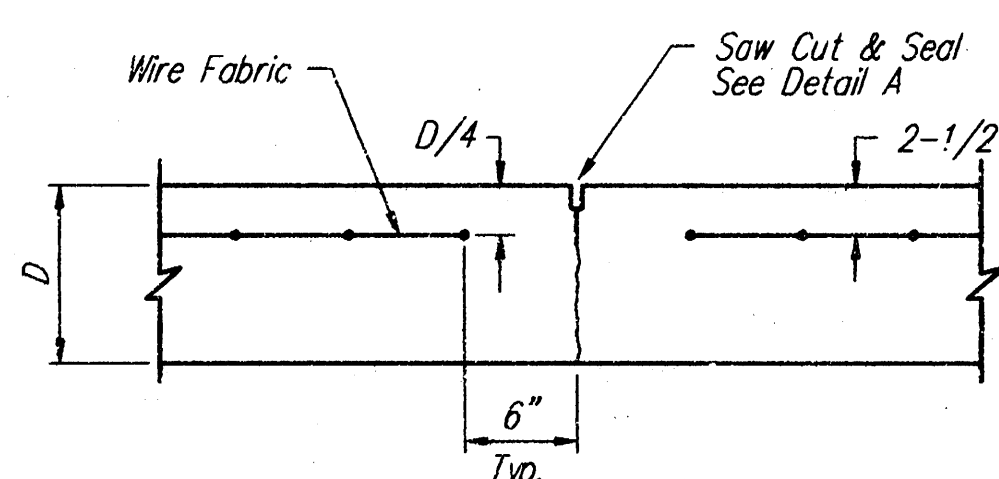


EXPANSION JOINT

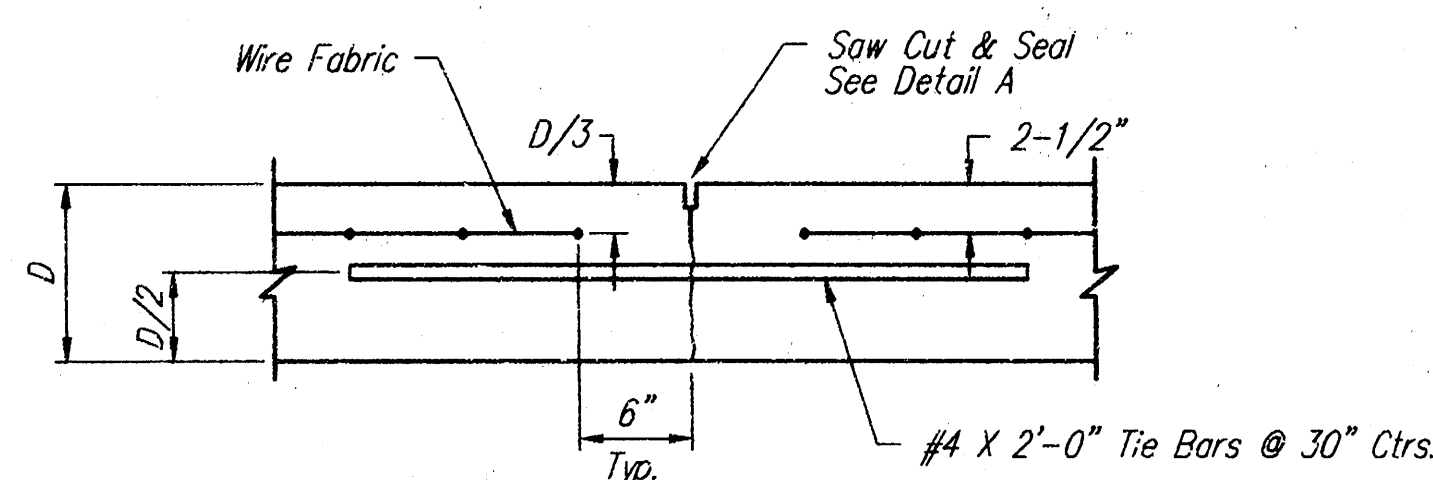
NOTE: Extra Thickness to be Subsidiary to Price of Square Yards Pavement



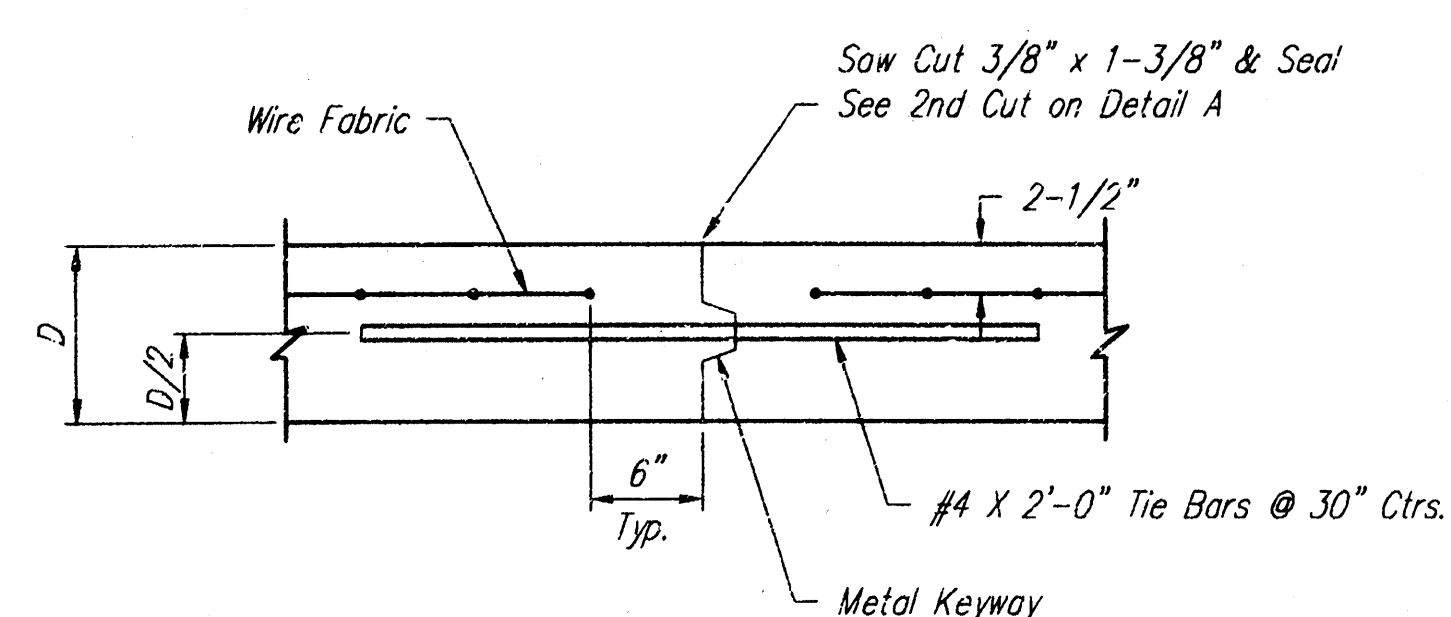
KEYWAY DETAIL



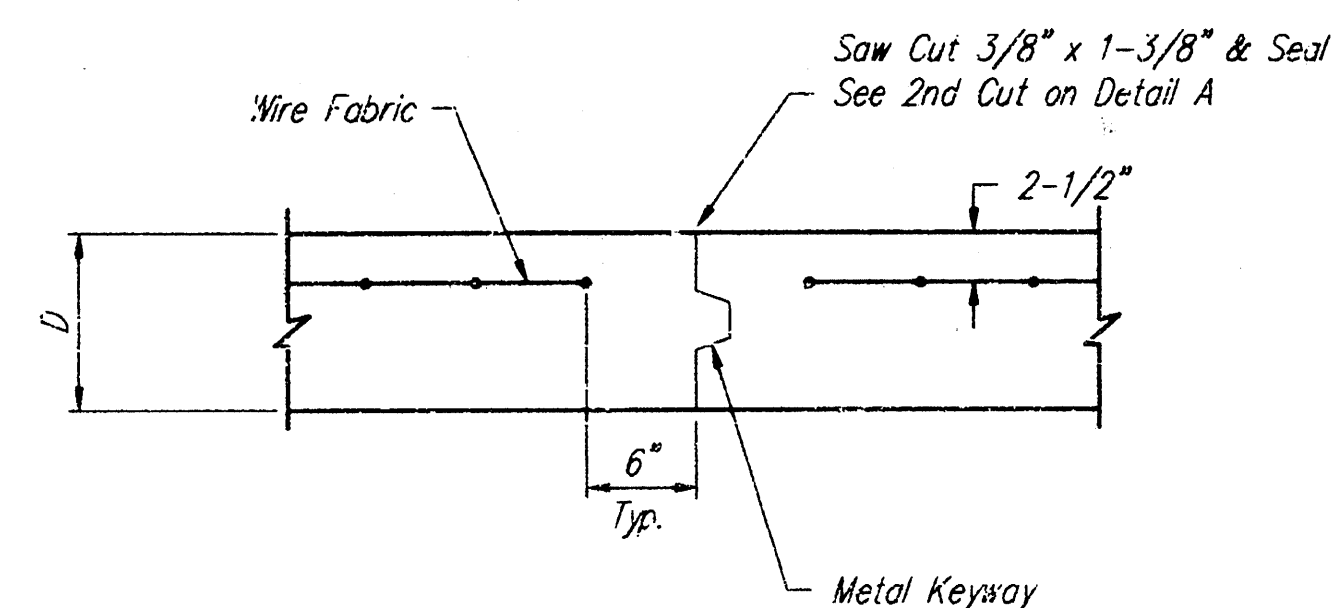
CONTRACTION JOINT DETAIL (C.J.)



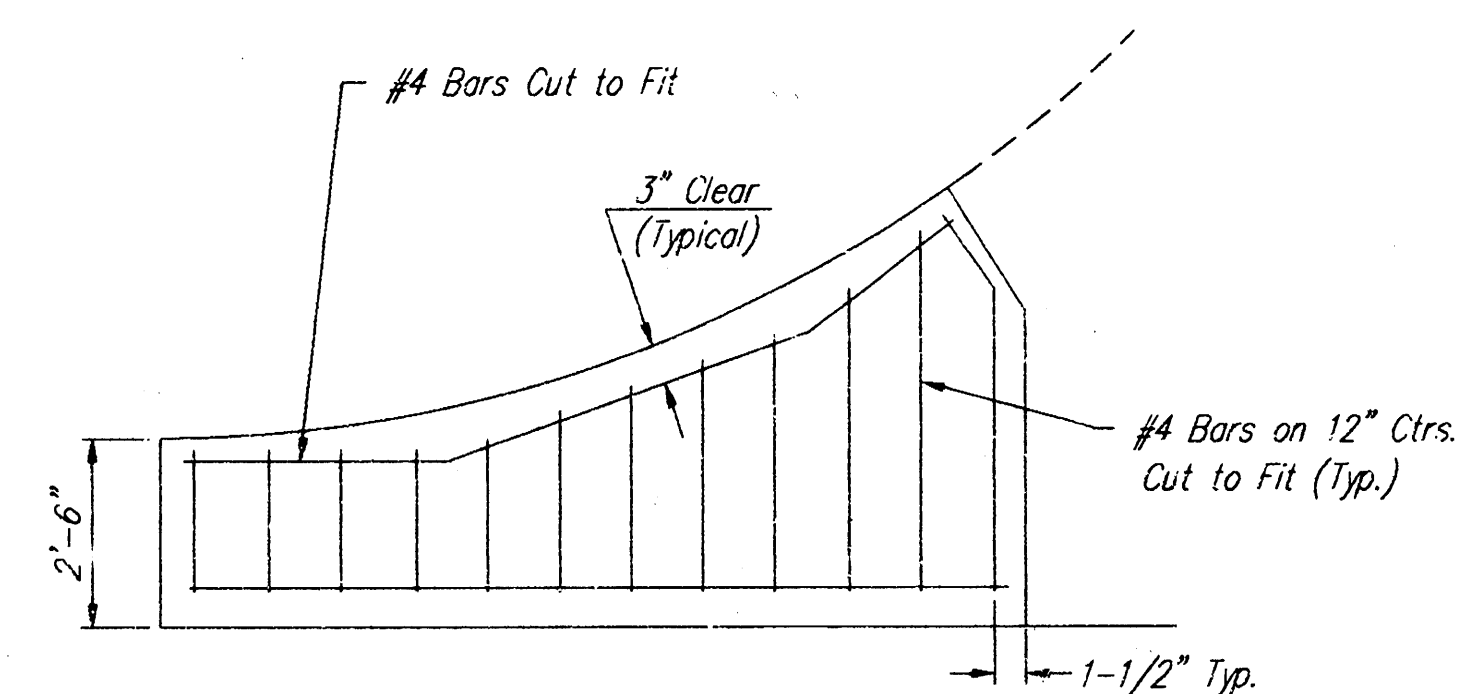
LONGITUDINAL JOINT DETAIL (L.J.)



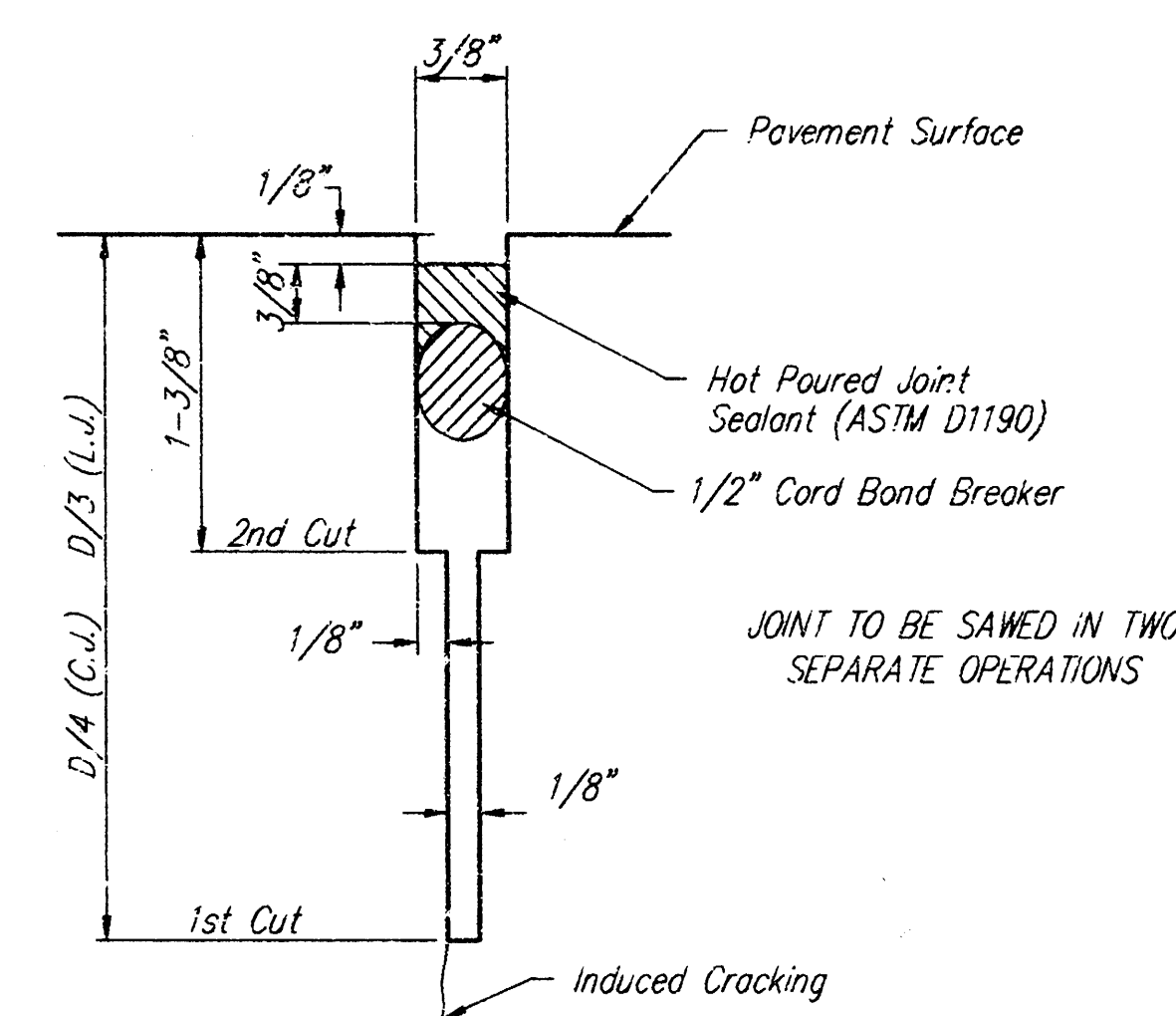
OPTIONAL LONGITUDINAL JOINT DETAIL (L.J.)



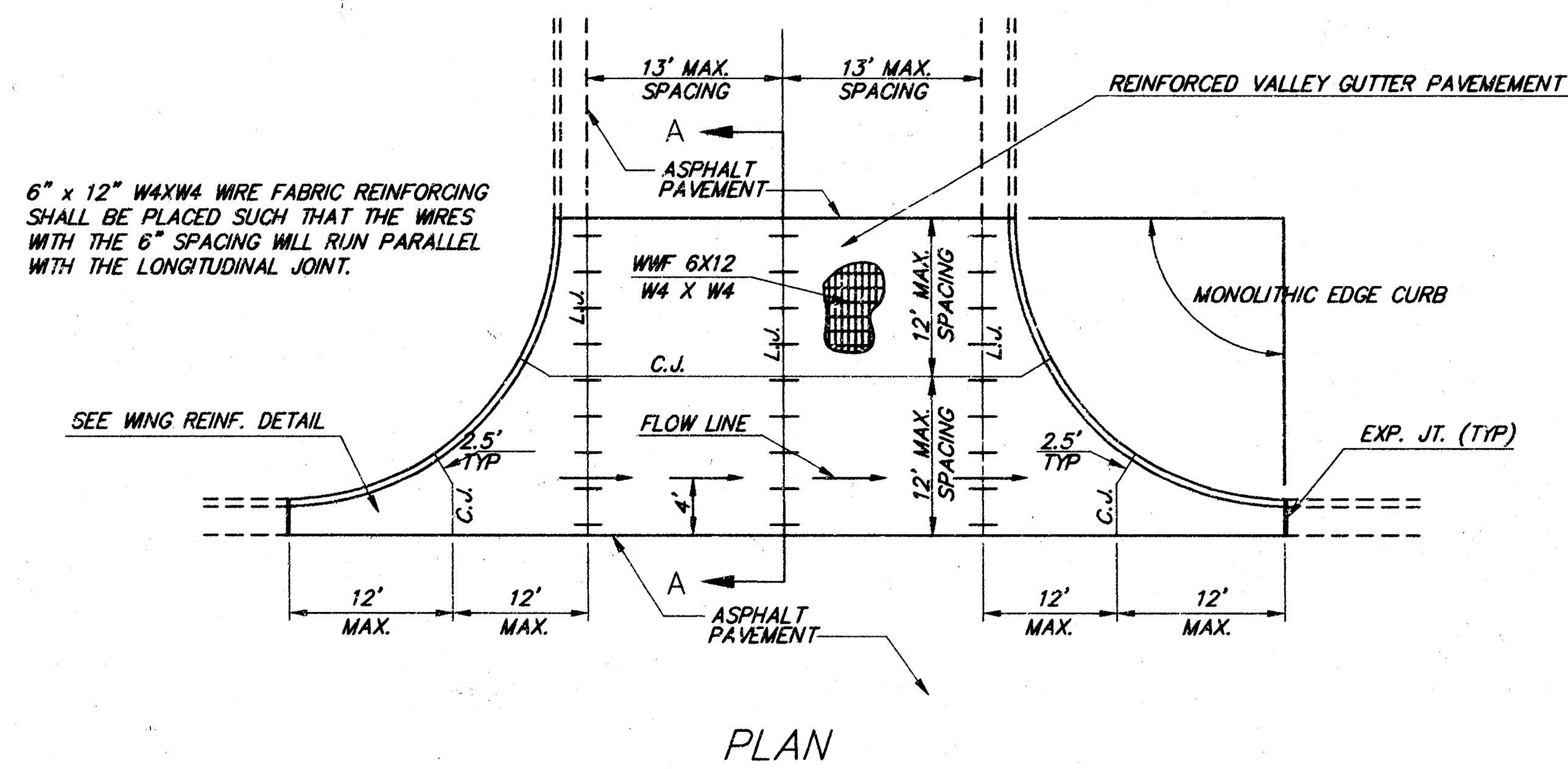
OPTIONAL CONTRACTION JOINT



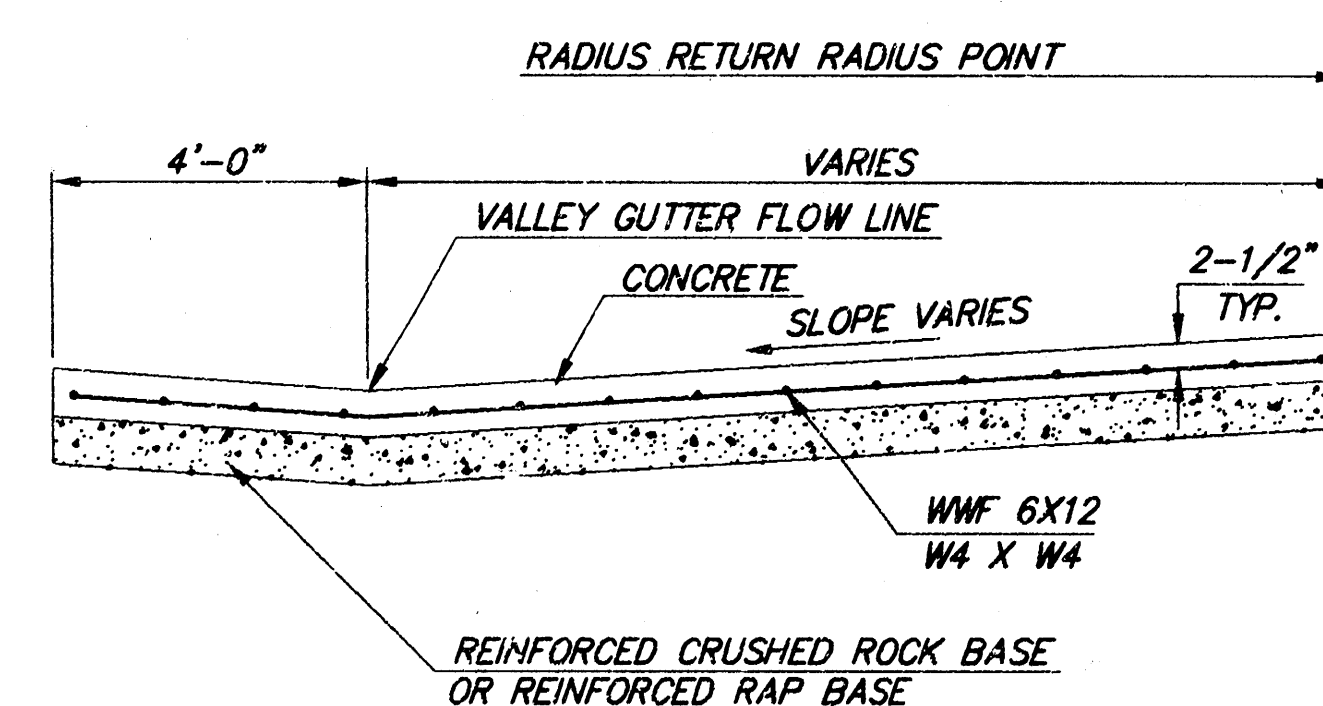
WING REINFORCING DETAIL



SAW JOINT DETAIL

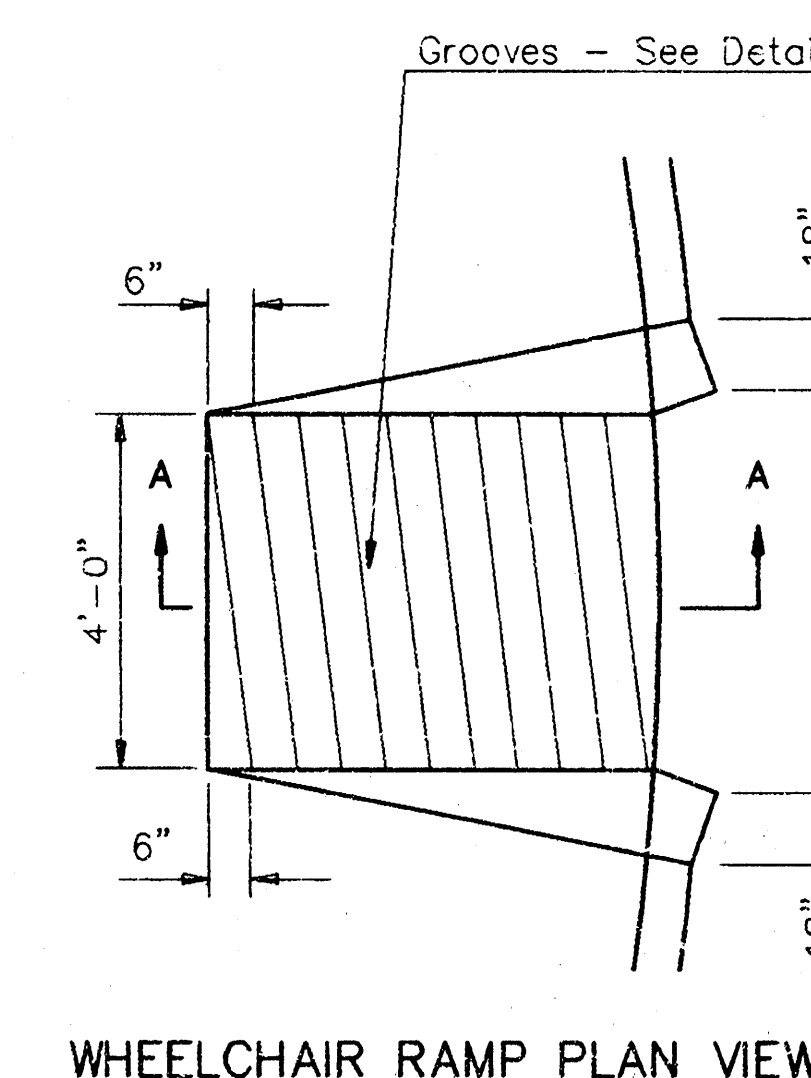


PLAN

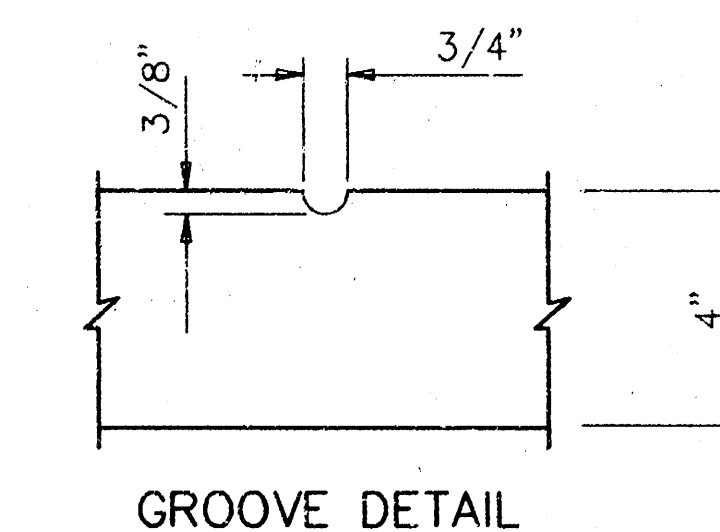


SECTION A-A

REINFORCED VALLEY GUTTER DETAIL

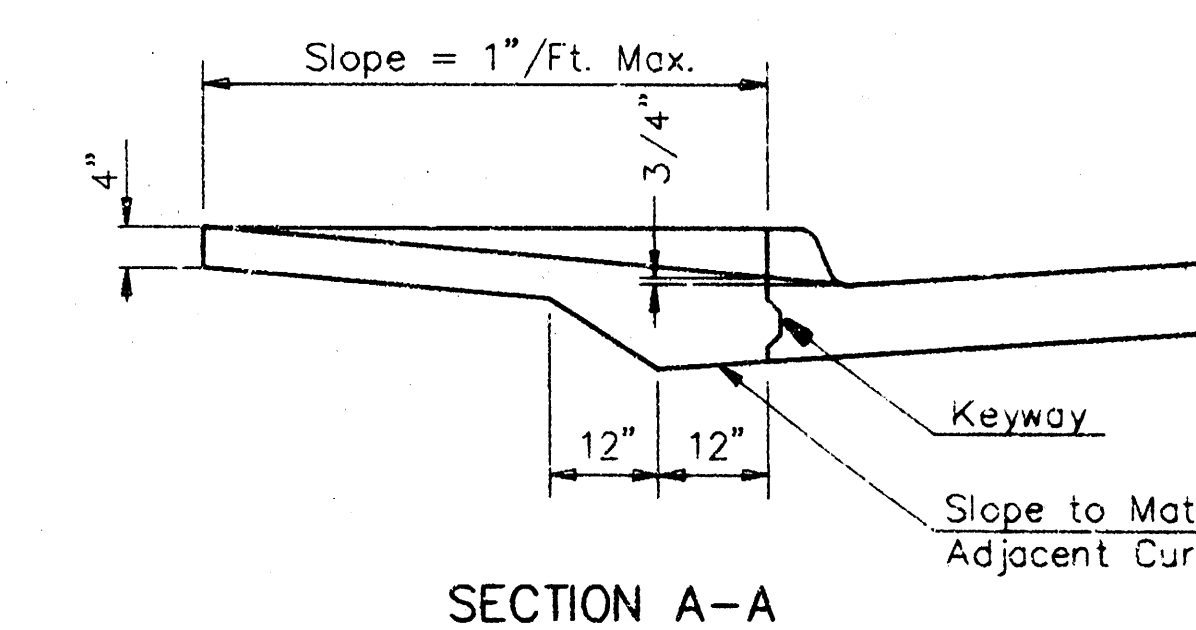


WHEELCHAIR RAMP PLAN VIEW

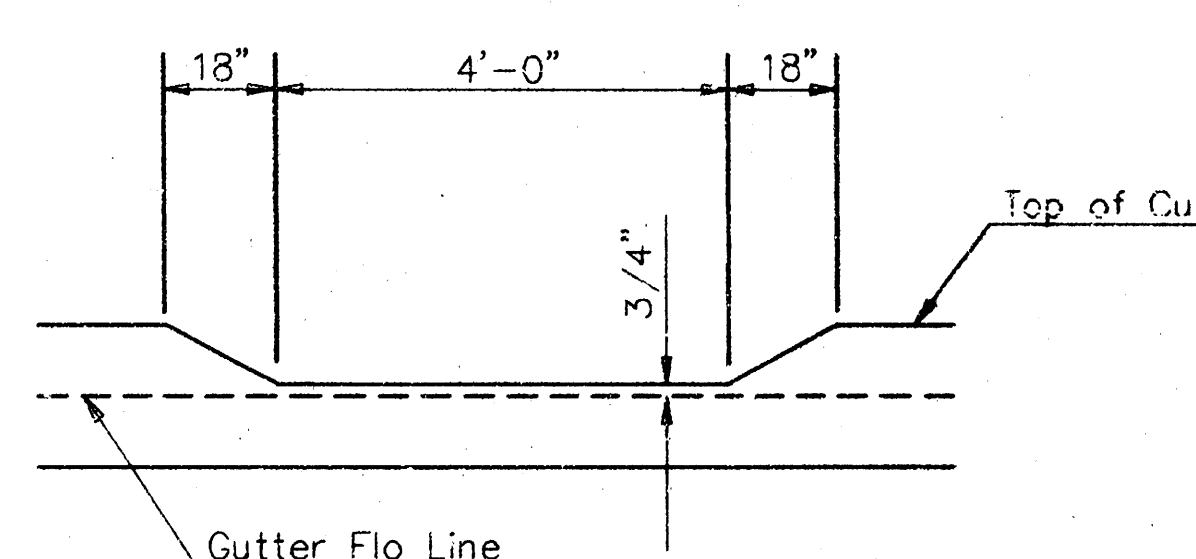


GROOVE DETAIL

WHEELCHAIR RAMP DETAIL

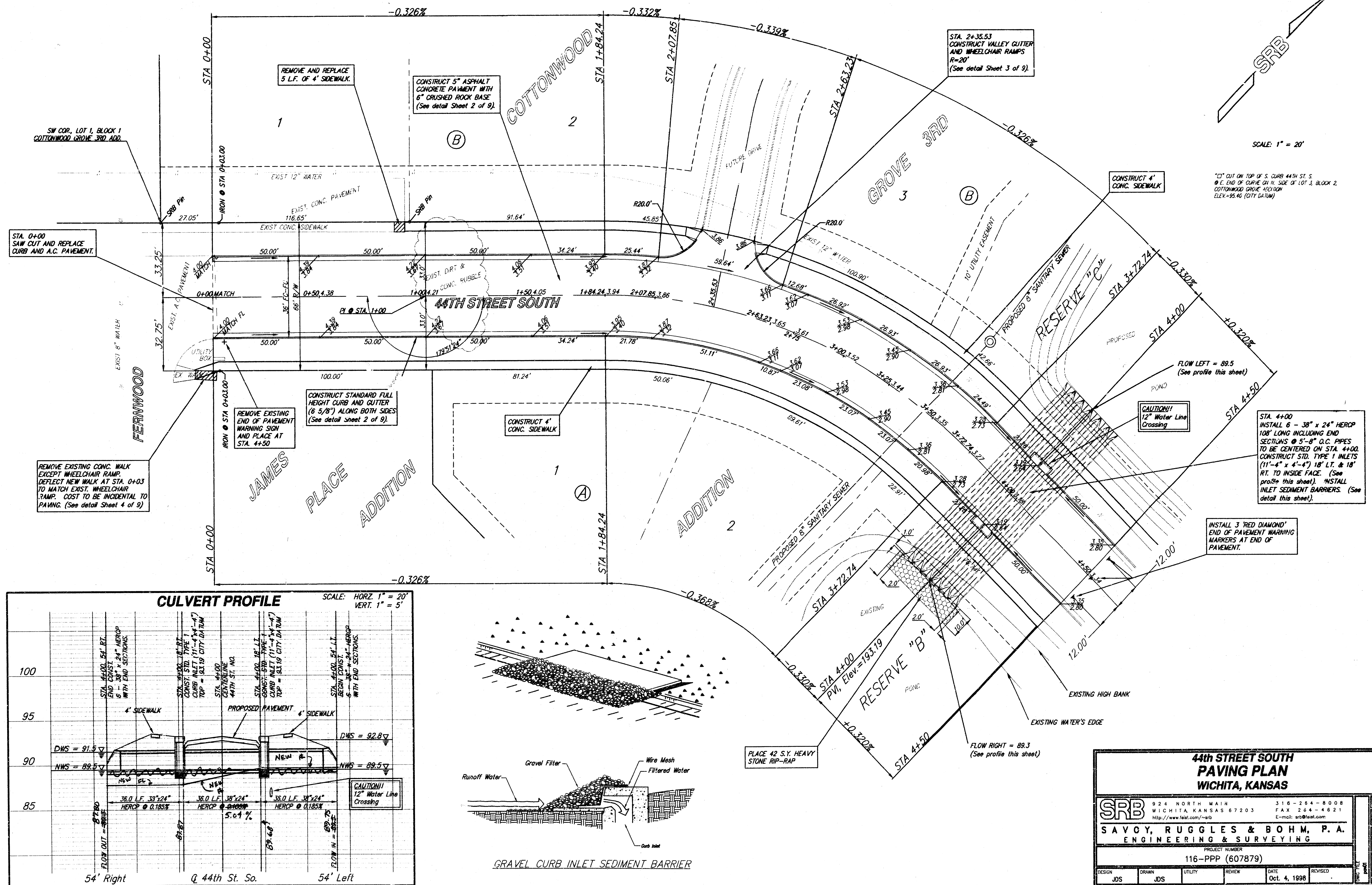


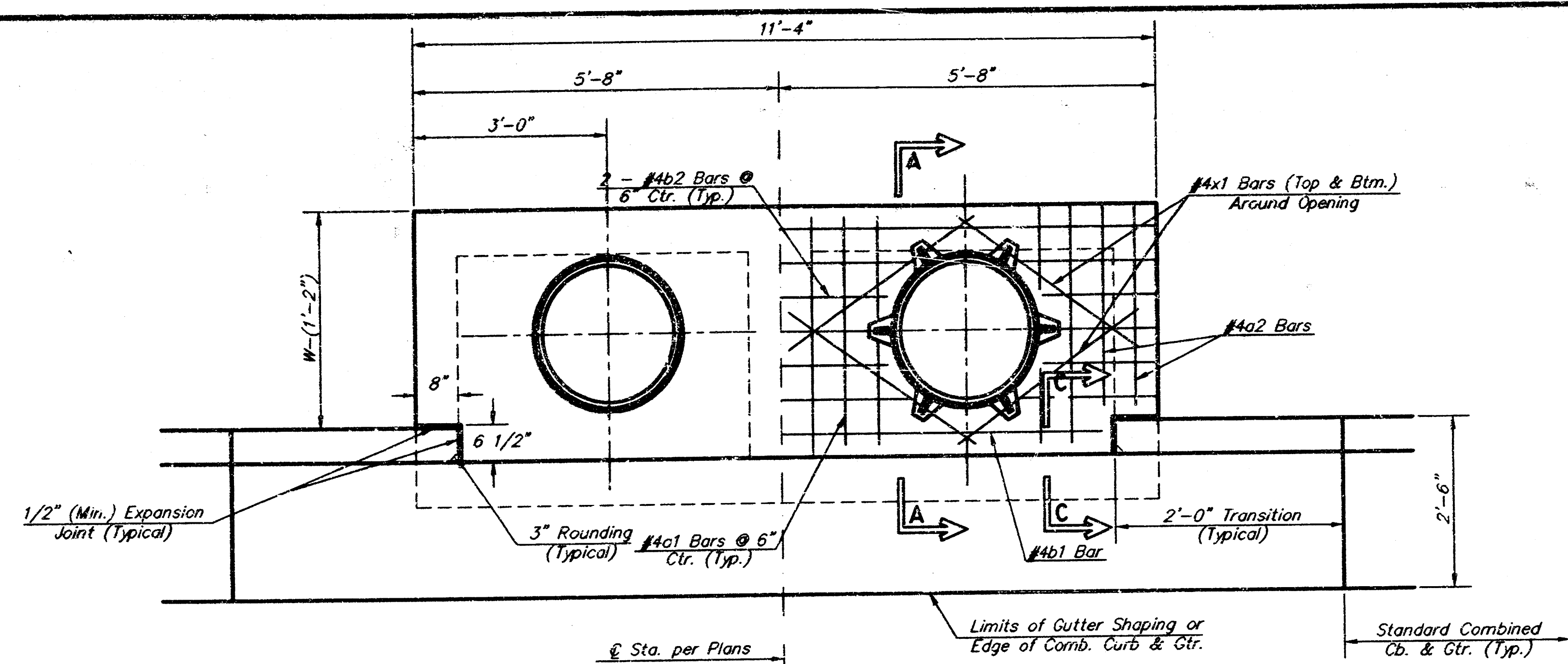
SECTION A-A



DEPRESSED CURB DETAIL

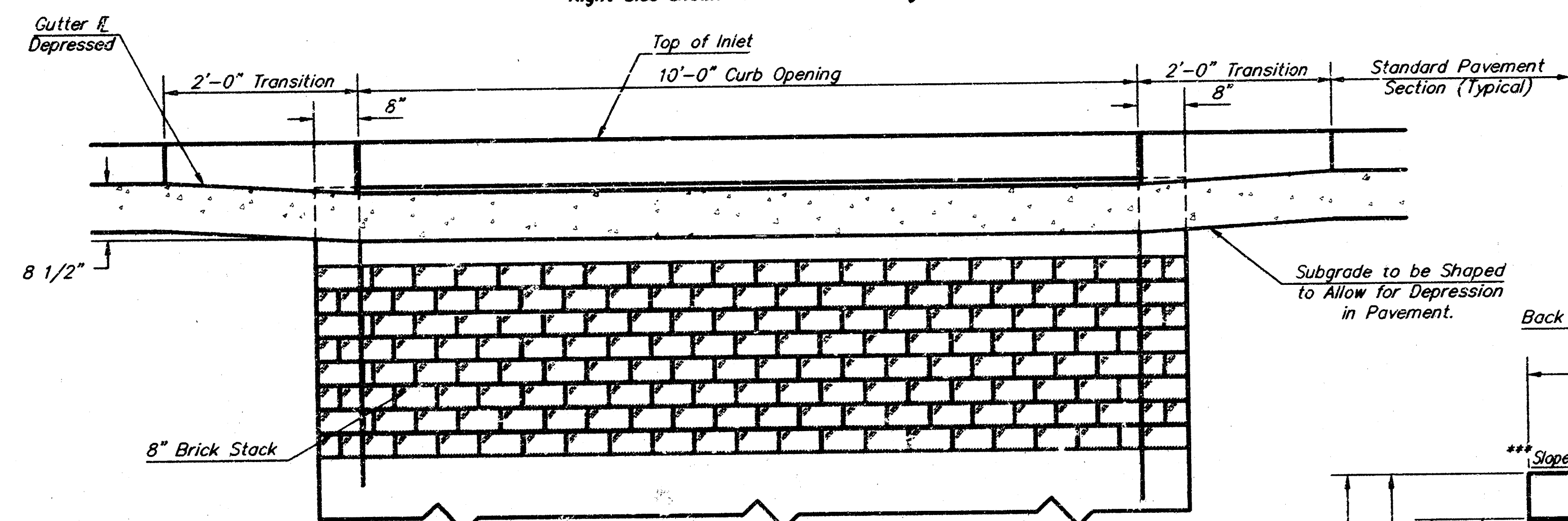
THE CITY OF WICHITA CITY ENGINEER'S OFFICE CITY HALL - SEVENTH FLOOR 455 NORTH MAIN STREET WICHITA, KANSAS 67202 (316) 266-4501 (316) 266-4111 FAX	VALLEY GUTTER DETAILS	
	WHEELCHAIR RAMP DETAILS	
	M. E. LINDEBAK P.E. - CITY ENGINEER	
	PROJECT NUMBER 116-PPP	INDEX CODE 607879
DATE MAR 96	SHEET 3 OF 9	



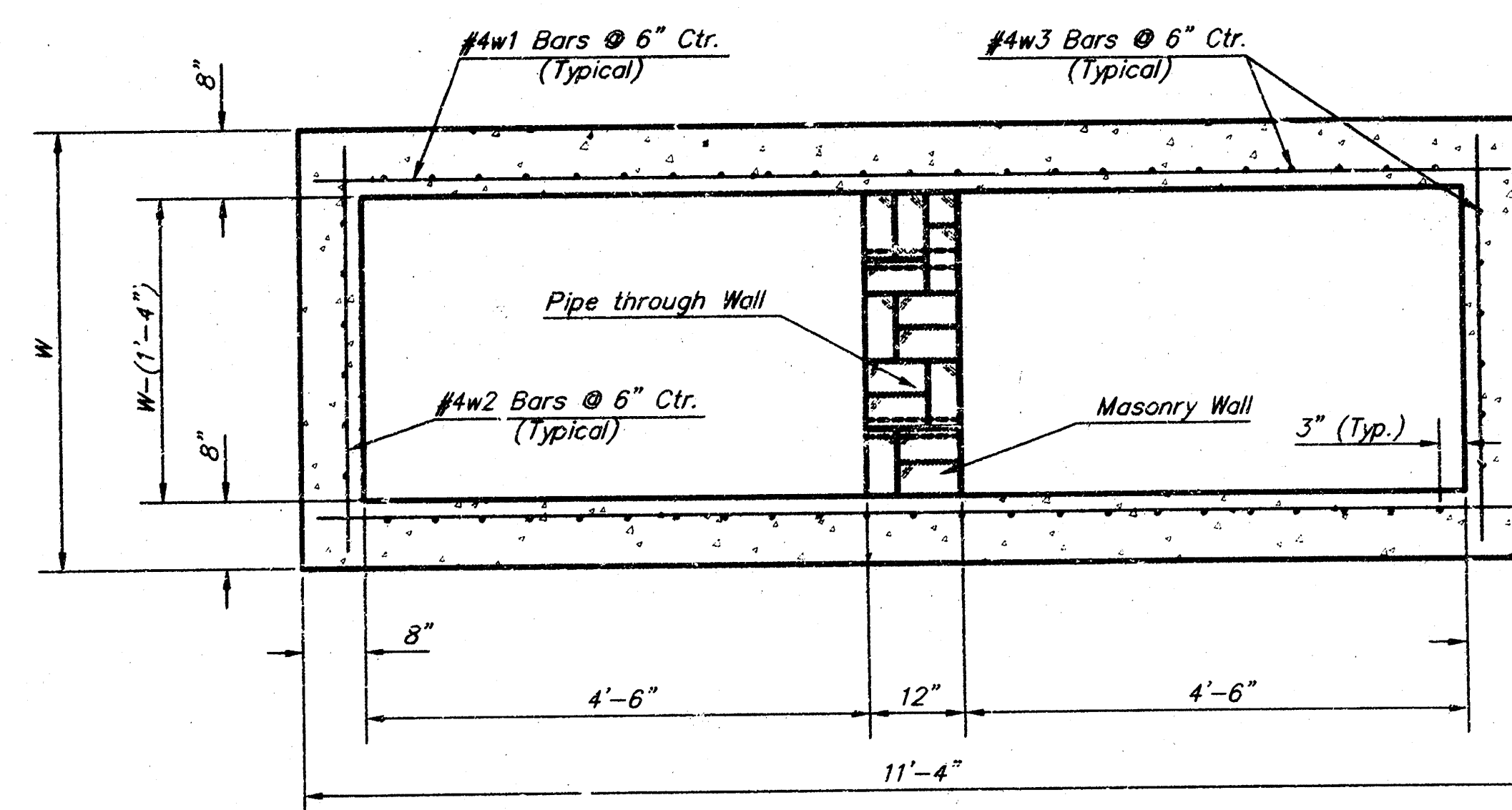


PLAN

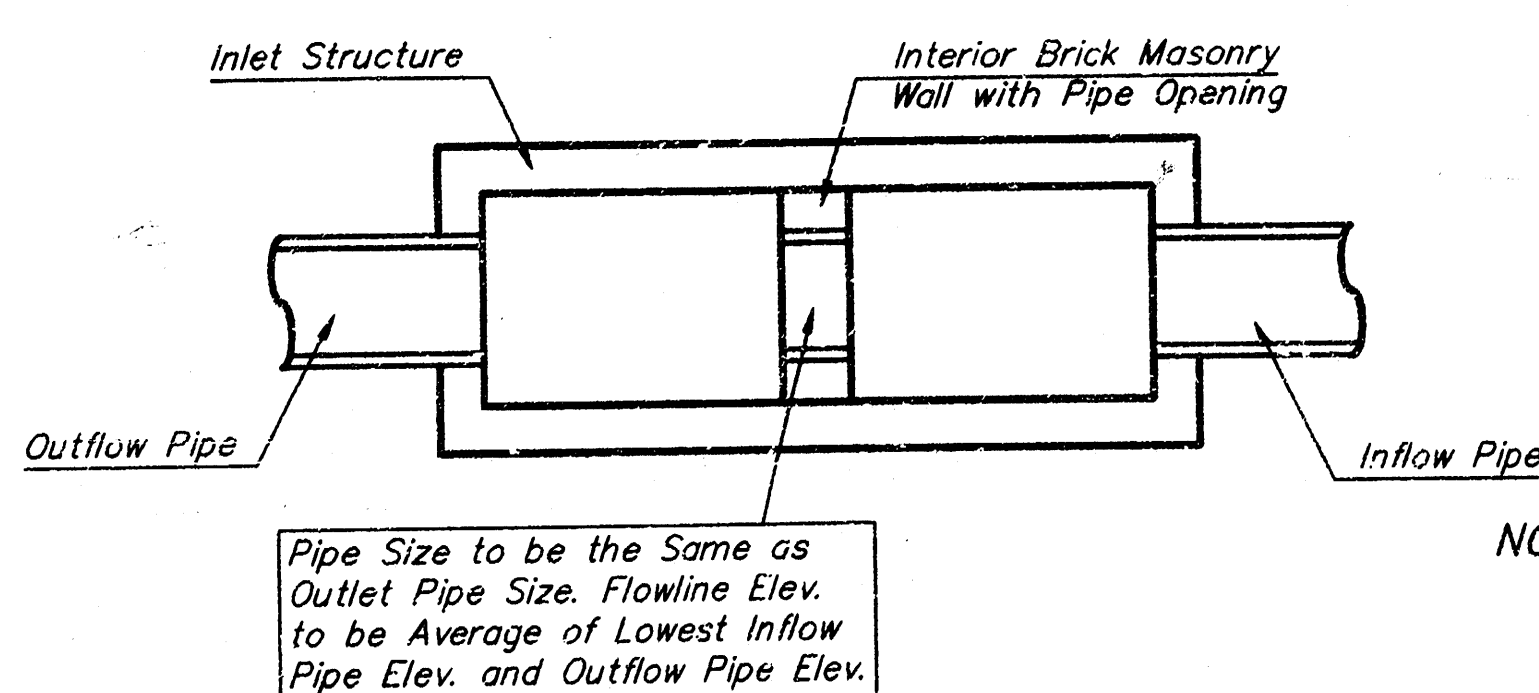
*Left Side Shown Without Slab Reinforcing,
Right Side Shown With Slab Reinforcing



ELEVATION

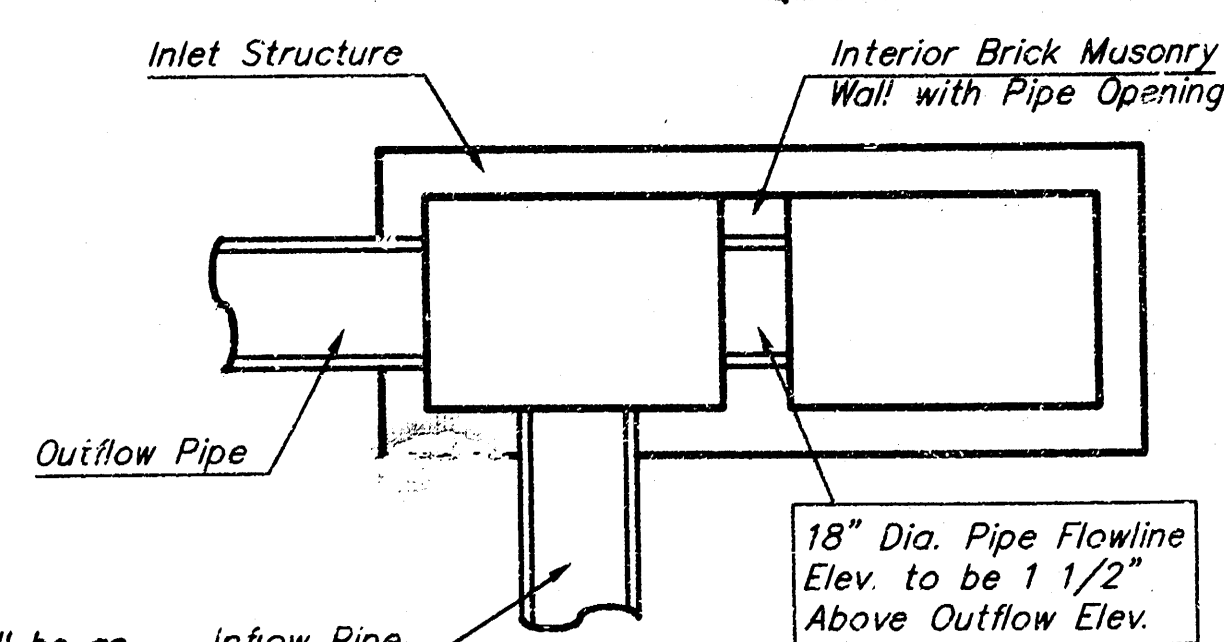


SECTION B-B

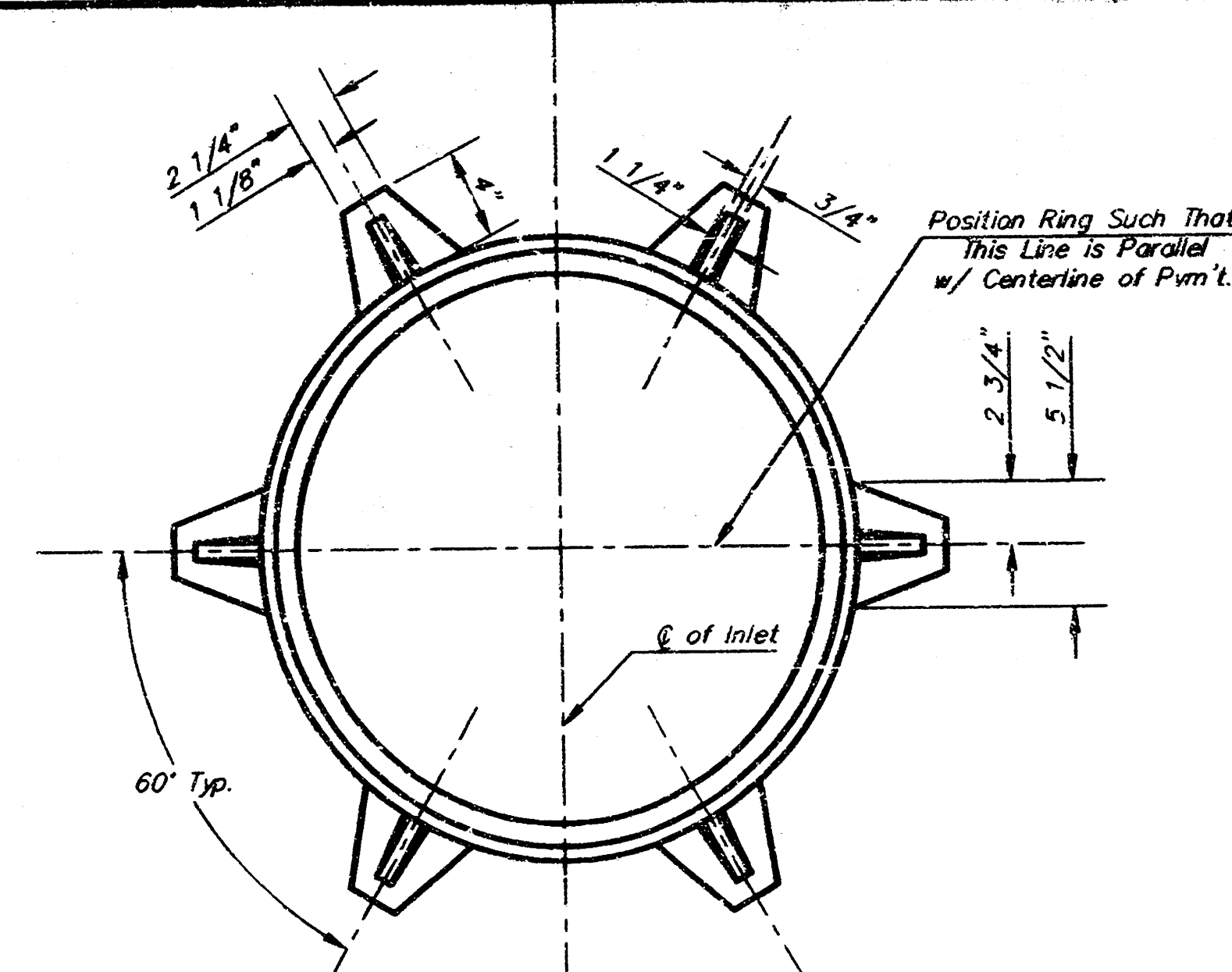


CASE I

NOTE:
Center Wall Pipe Size shall be as
Specified in Inlet Construction Notes
on the Plan/Profile Sheets for those
Cases not Shown Here.

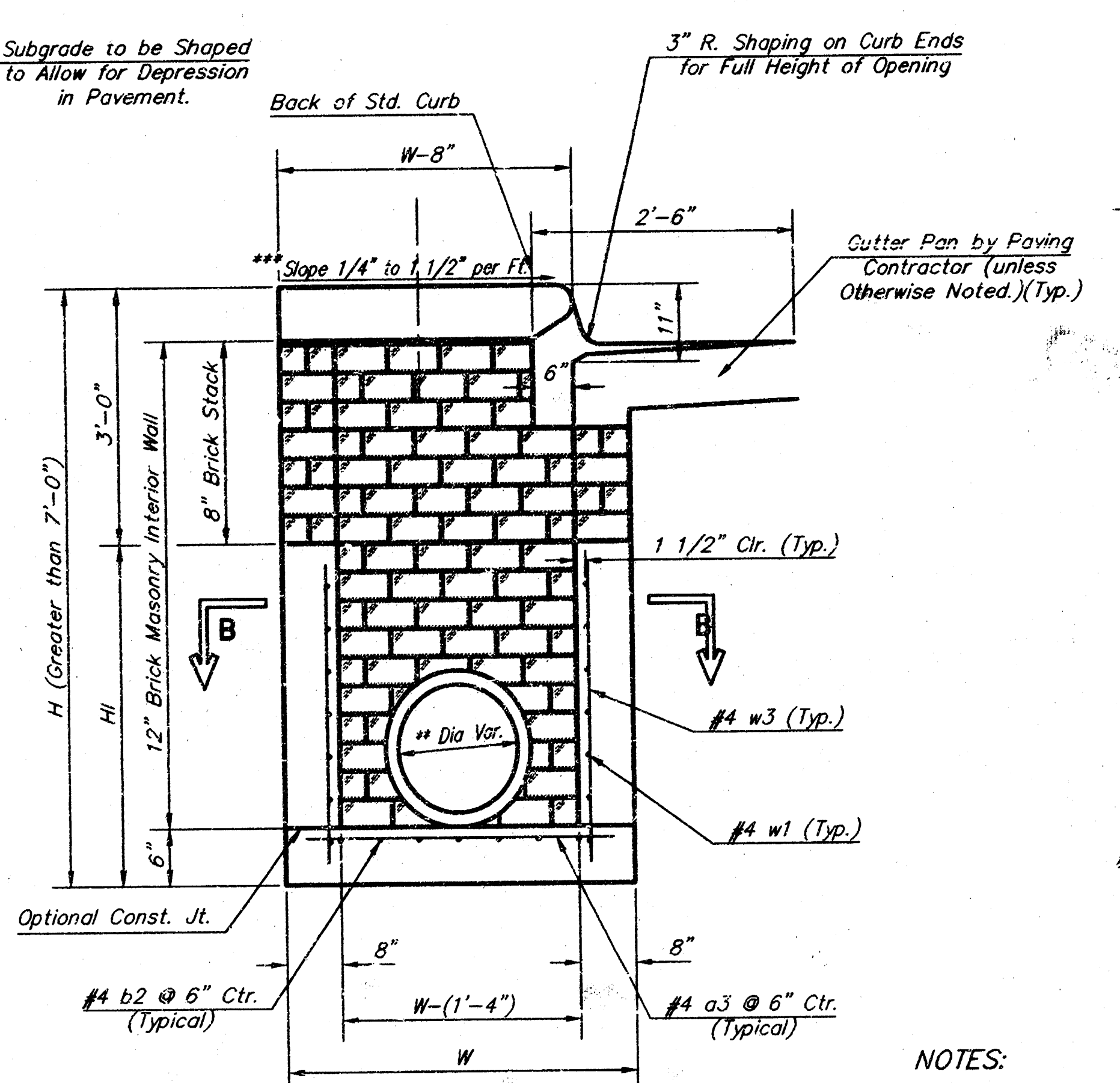


CASE II



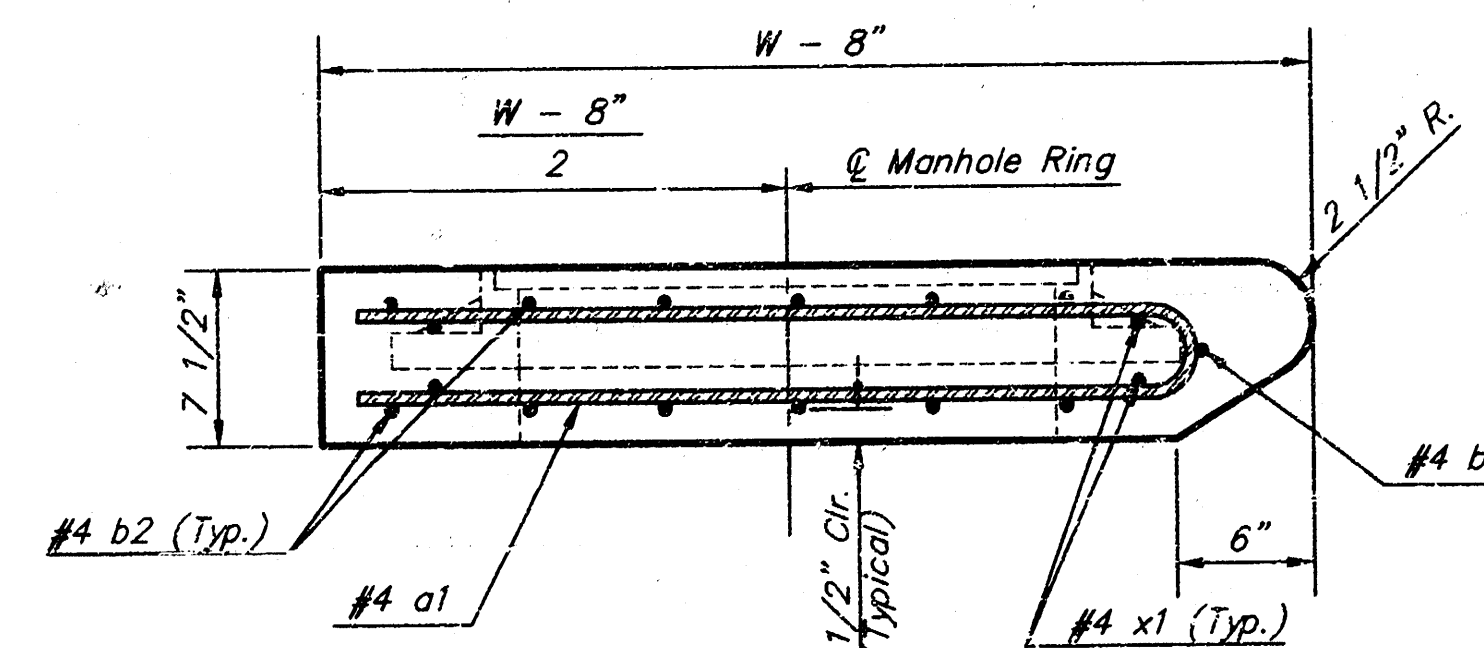
MANHOLE RING AND COVER

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



TYPICAL INLET
SECTION AT CENTER WALL
(REINFORCED CONCRETE WALLS)

NOTES:
** A center wall opening shall be provided by
means of a section of reinforced concrete
pipe. See Case I and Case II below.
*** Slope of inlet tops to match sidewalk of
parking slopes within limits indicated

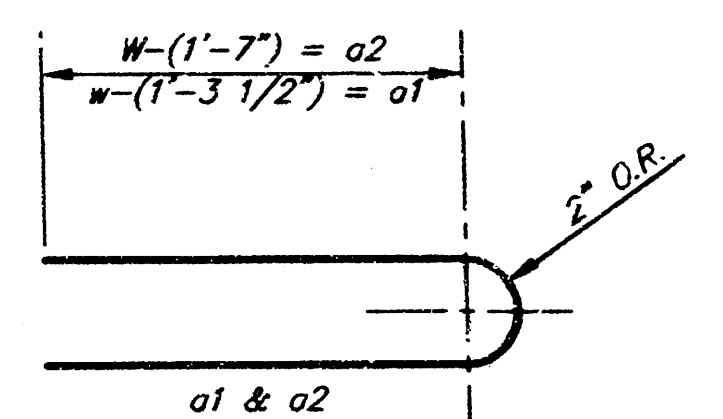


SECTION A-A

PRECAST SLAB AND FLOOR REINFORCING									
MARK	SIZE	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH
a1	#4	13	6'-7"	13	8'-7"	13	10'-7"	13	14'-7"
a2	#4	4	6'-0"	4	8'-0"	4	10'-0"	4	14'-0"
a3	#4	23	4'-1"	23	5'-1"	23	7'-1"	23	8'-9"
b1	#4	1	9'-9"	1	9'-9"	1	9'-9"	1	9'-9"
b2	#4	23	11'-1"	29	11'-1"	35	11'-1"	41	11'-1"
x1	#4	16	3'-10"	16	4'-2"	16	4'-6"	16	5'-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"

WALL REINFORCING									
MARK	SIZE	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH
w1	#4	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"
w3	#4	52	②	56	②	60	②	64	②



BENDING DIAGRAM

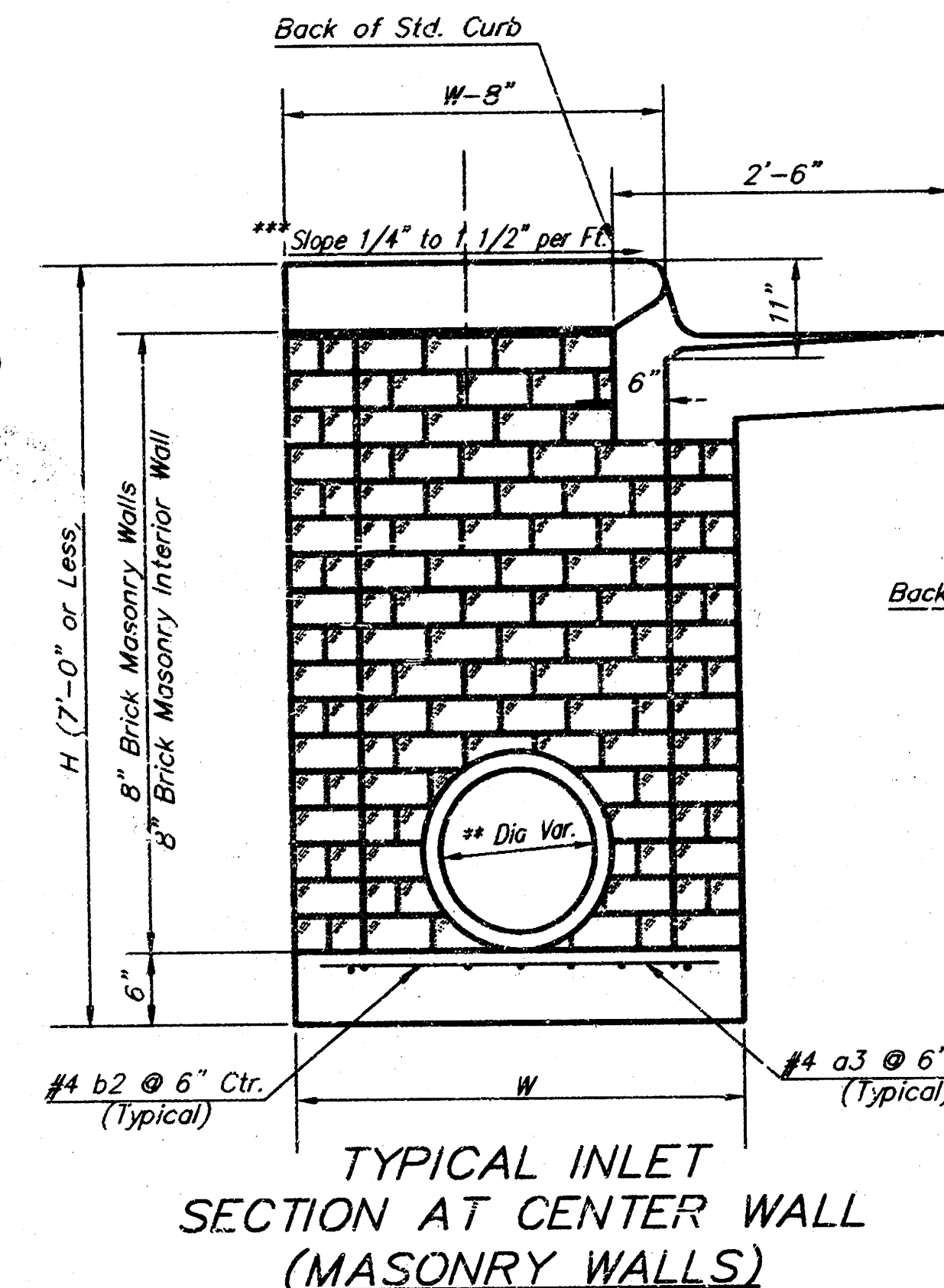
GENERAL NOTES:

Concrete shall be C.O.W. standard paving mix. All
exposed edges shall be finished with an edging tool.
Reinforcing bars shall be field bent or cut to clear pipes
and inlet rings. All bars are #4 bars @ 6" spacing and shall
have a minimum clearance of 1 1/2" unless otherwise noted.
Floors of inlet shall be shaped with 8 sack sand mix
concrete to increase hydraulic efficiency such that the
inlet will be self cleaning between all inlet and/or outlet
pipes. The contractor will be required to construct 8"
brick masonry walls between the inlet base and top on this
inlet when H=7'-0" or less and W=6'-4" 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.

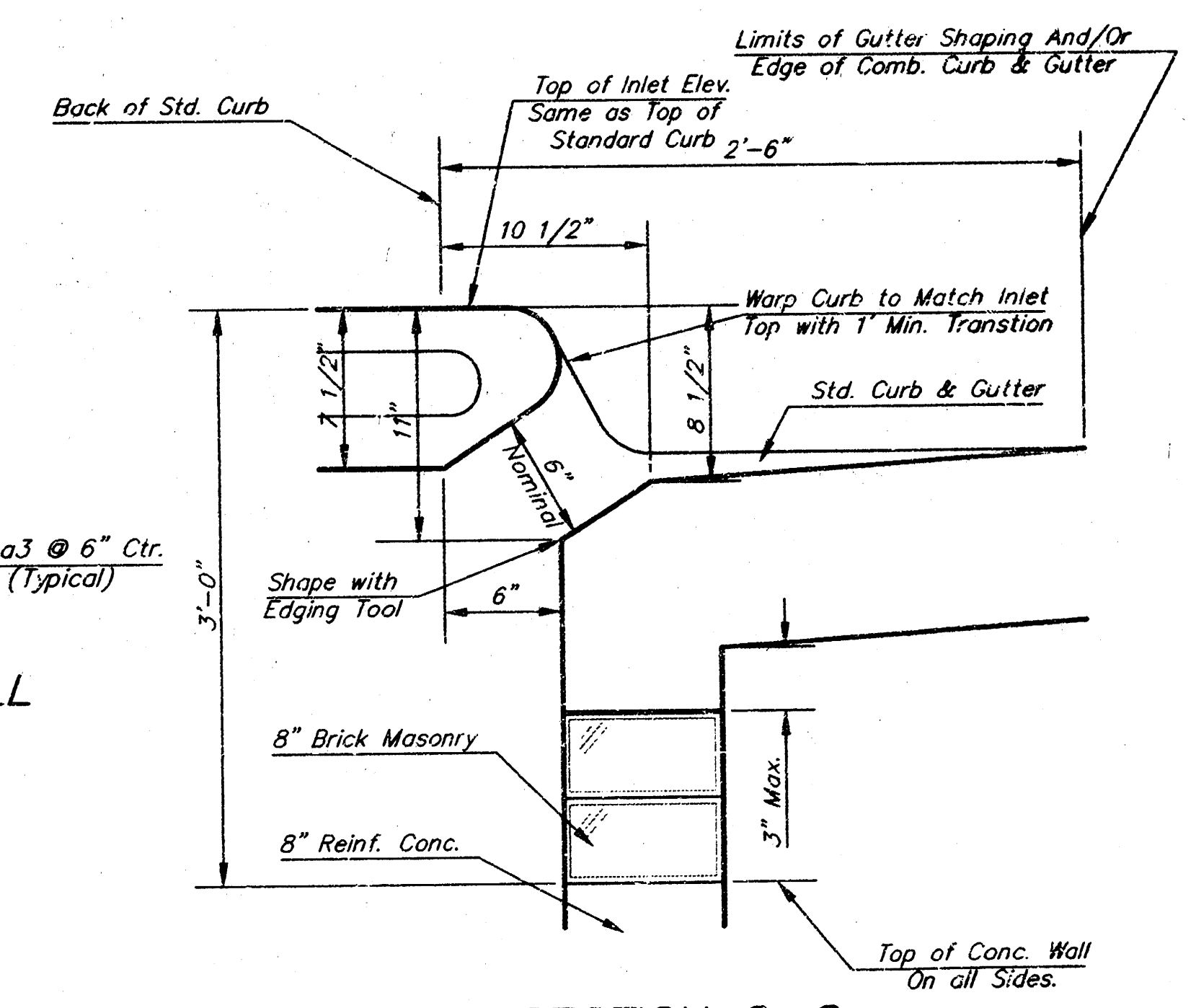
Concrete tops to be installed on thin mortar cushion to
insure full support along brick walls. Concrete tops may be
cast in place or precast.

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

This detail is identical to the standard detail drawing
except that the gutter transition length is increased from
2'-0" to 3'-6".



TYPICAL INLET
SECTION AT CENTER WALL
(MASONRY WALLS)



SECTION C-C

THE CITY OF WICHITA
CITY ENGINEER'S OFFICE
CITY HALL - SEVENTH FLOOR
125 NORTH MAIN STREET
WICHITA, KANSAS 67202
(316) 268-4501
(316) 268-4114 FAX

**STANDARD TYPE 1
CURB INLET
OPENING = 6"x10'-0"**

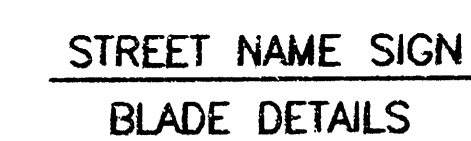
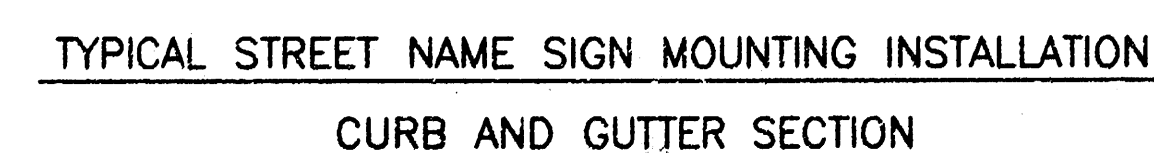
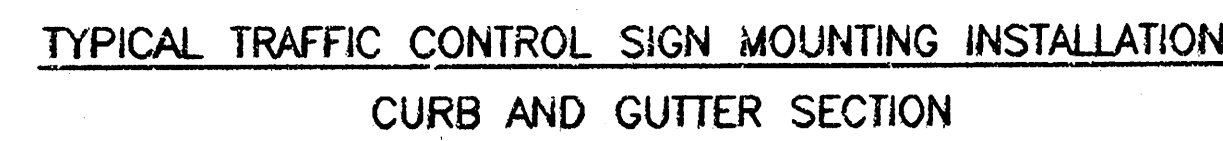
M. E. LINDEBAK P.E. - CITY ENGINEER

PROJECT NUMBER
116-PPP

INDEX CODE
607879

DATE
MAR 96

SHEET **5 OF 9**



* FOR INFORMATION ONLY

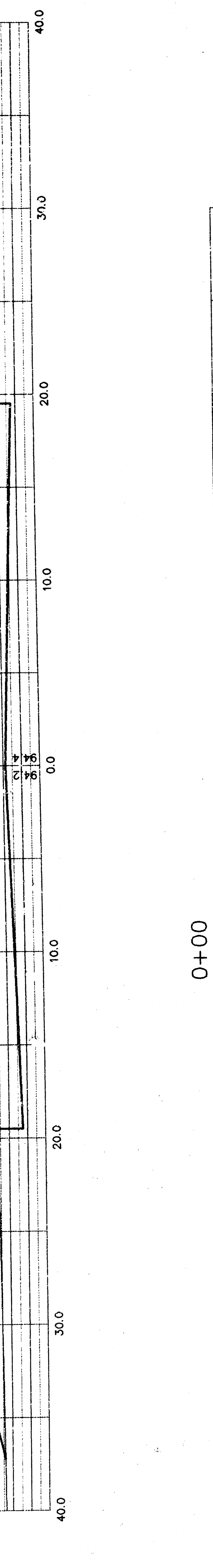
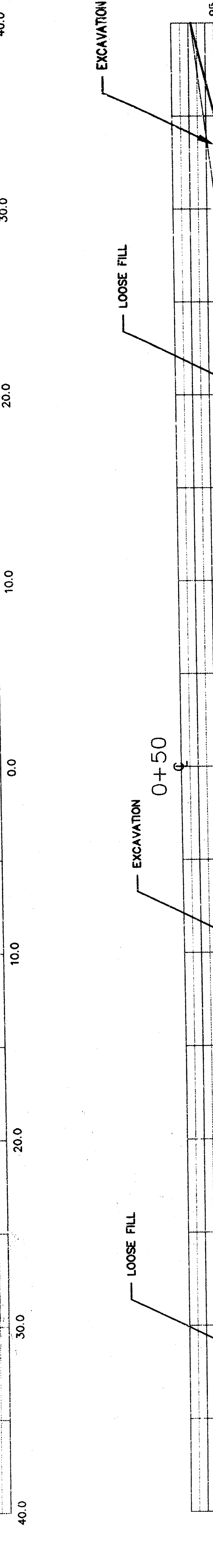
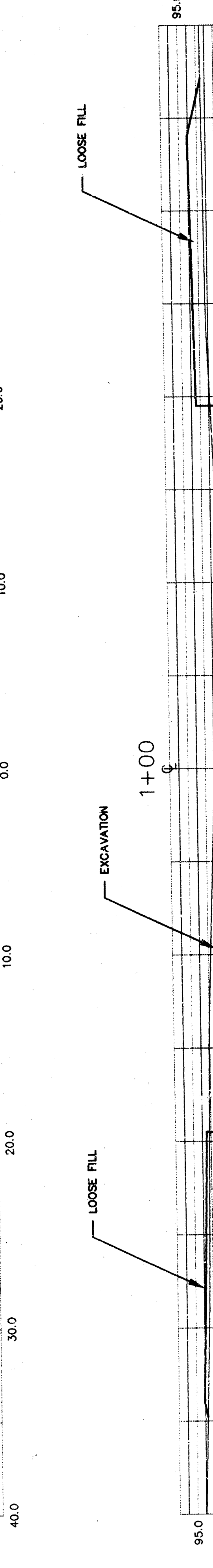
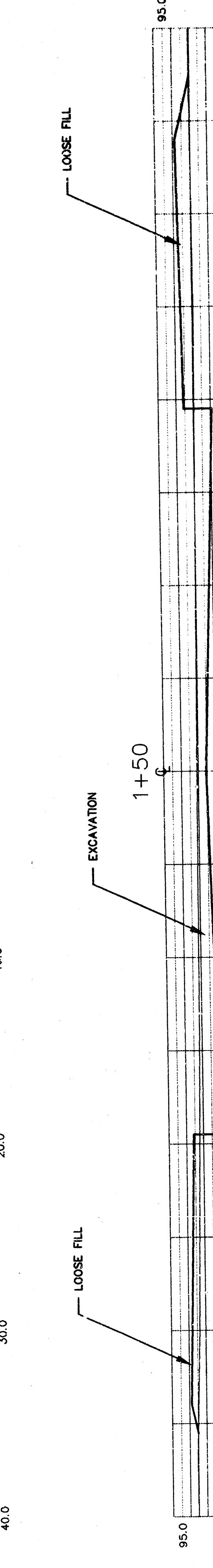
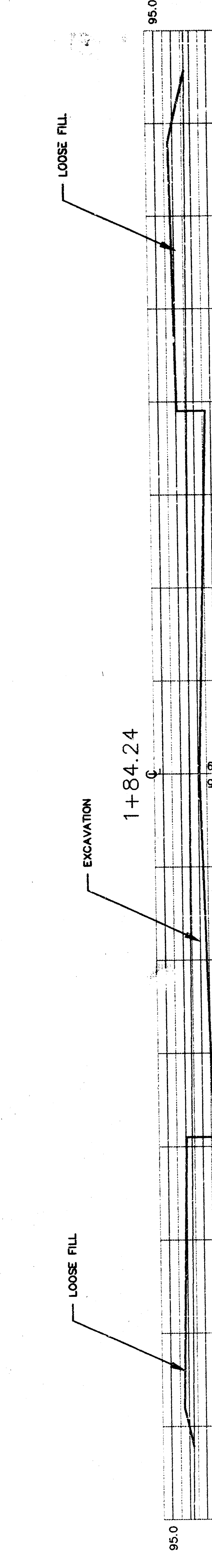
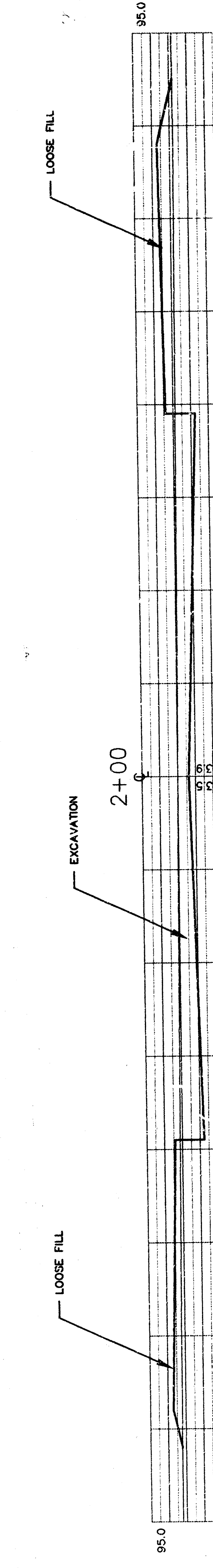
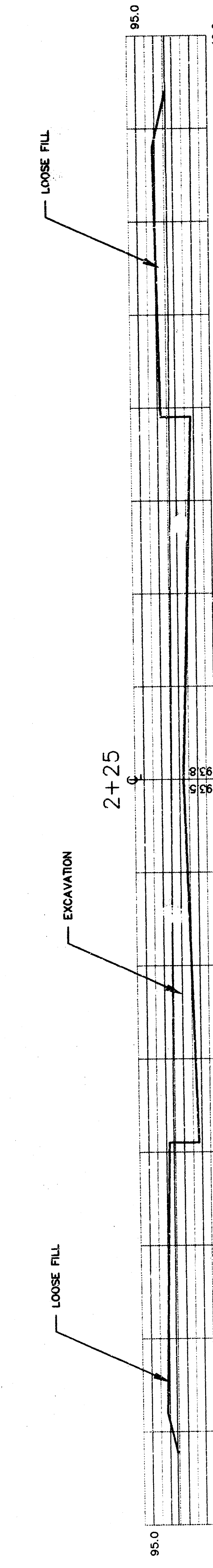
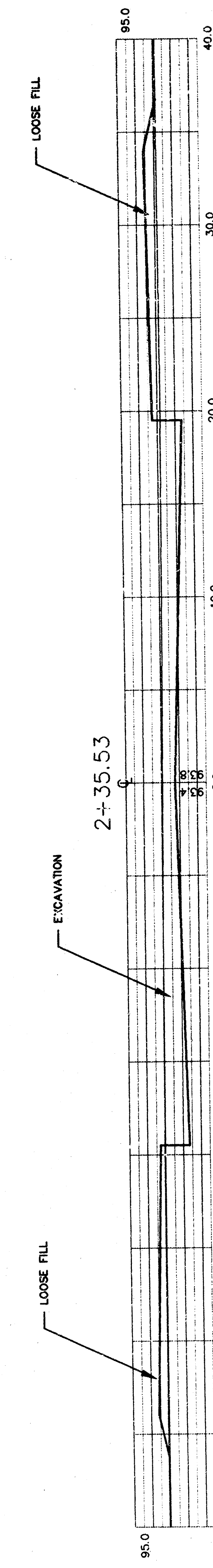
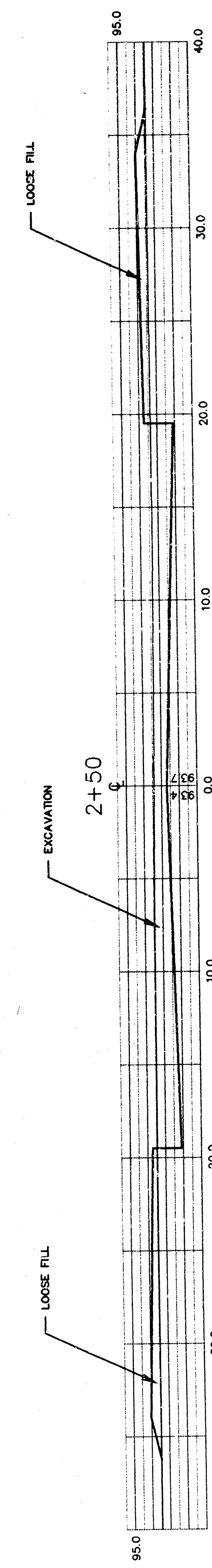
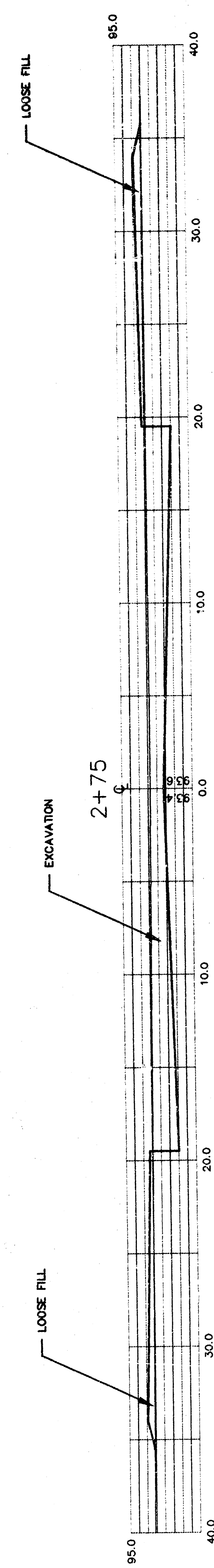
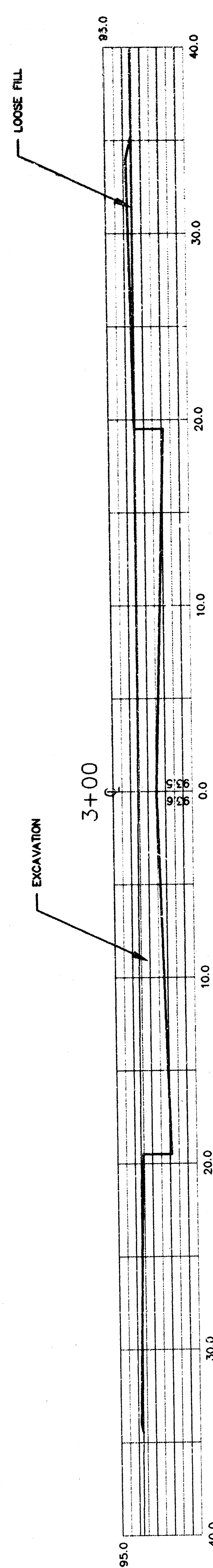
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- NOTE: REFERENCES BELOW TO "STANDARD SPECIFICATIONS" DENOTE "STANDARD SPECIFICATION FOR STATE ROAD AND BRIDGE CONSTRUCTION, EDITION 1990" BY THE KANSAS DEPARTMENT OF TRANSPORTATION.
1. POST ANCHORS: POSTS SHALL BE ANCHORED WITH A YIELDING BASE POST SUPPORT AS DETAILED.
 2. POSTS FOR TRAFFIC CONTROL SIGNS: POSTS SHALL CONFORM TO THE REQUIREMENTS OF SUBSECTION 1620 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 LBS./FOOT. POSTS SHALL BE POSITIONED SO THAT THE BOTTOM BLADE IS 7 FEET ABOVE GRADE.
 4. POSTS FOR END OF ROADWAY SIGN TO BE 8' LONG AND INSTALLED A MINIMUM OF 4' FROM ROADWAY TO BOTTOM OF SIGN.
 5. SIGN BLANKS FOR TRAFFIC CONTROL SIGNS: SIGN BLANKS SHALL BE FABRICATED FROM 0.080" ALUMINUM ALLOY 6063-T6 CONFORMING TO THE REQUIREMENTS OF SUBSECTION 1626 OF THE STANDARD SPECIFICATIONS.
 6. SIGN BLADES FOR STREET NAME SIGNS: EXTRUDED ALUMINUM BLADES SHALL BE ALUMINUM ALLOY CONFORMING TO 6063-T6 OR 5052-H38 (LATEST SPECIFICATION B221, LATEST ISSUE). BLADES SHALL HAVE AN ANODINE OR PHOSPHATE ETCHED FINISH. BLADES SHALL HAVE SQUARE CORNERS AND NO HOLES.
- MINIMUM BLADE LENGTH SHALL BE 24". MAXIMUM BLADE LENGTH SHALL BE 48". LENGTH VARIES BY INCREMENTS OF 6".
- BLADES BEARING THE STREET NAMES SHALL BE FIRMLY ATTACHED TO THE MOUNTING BRACKETS USING ALLEN-TYPE SET SCREWS. THE BLADES SHALL BE ORIENTED PARALLEL TO THE STREET.
7. MOUNTING BRACKETS FOR SIGNS: 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 ALLEN-TYPE SET SCREWS HAVING SELF-LOCKING SAW-TOOTH ENDS.
 8. FASTENERS: ALL STEEL FASTENERS FOR TRAFFIC CONTROL SIGNS SHALL BE GALVANIZED AND SHALL CONFORM TO THE REQUIREMENTS OF SUBSECTION 1614 OF THE STANDARD SPECIFICATIONS.
 9. REFLECTIVE SHEETING: REFLECTIVE SHEETING SHALL BE TYPE II - HIGH PERFORMANCE CLASS HA IN ACCORDANCE WITH SUBSECTION 2201 OF THE STANDARD SPECIFICATIONS.
 10. PROCESS INK: ALL PROCESS INK SHALL CONFORM TO THE REQUIREMENTS OF SUBSECTION 2202 OF THE STANDARD SPECIFICATIONS.
 11. DETAILS: REGULATORY AND WARNING SIGNS SHALL CONFORM TO THE DETAILS IN "STANDARD HIGHWAY SIGNS", FHWA, 1979.
 12. DETAILS - SNS: THE REFLECTIVE SHEETING FOR THE 6 3/4" STANDARD SIZE SNS IS TO BE THE HIGHWAY GREEN BACKGROUND WITH SILVER-WHITE #2 COPY WITH 4" UPPER CASE AND 3" LOWER CASE PRIMARY COPY AND SUFFIX COPY. BOTH SERIES "C" WHERE SUFFIX LETTERS ARE USED ON NUMBERED STREETS 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 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". THE CARDINAL DIRECTION CENTERED DIRECTLY BELOW THE BLOCK NUMBER SHALL BE AN UPPER CASE, 3" SERIES "C" LETTER. FACES TO TRIM TO A 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 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 BUSTERS AND SHALL BE CLEAN-CUT. SIGNS SHALL BE PACKED IN SUCH MANNER AS TO PREVENT DAMAGE OR DEFACEMENT DURING SHIPMENT OR STORAGE.
13. PERMANENT TRAFFIC CONTROL AND SNS: PERMANENT TRAFFIC CONTROL AND SNS 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, TOLLS AND INCIDENTALS NECESSARY TO COMPLETE THIS WORK.

THE CITY OF WICHITA  CITY ENGINEER'S OFFICE CITY HALL - SEVENTH FLOOR 455 NORTH MAIN STREET WICHITA, KANSAS 67202 (316) 268-4601 (316) 268-4114 FAX	SIGNING DETAILS
	W. E. LINDEBAK P.E. — CITY ENGINEER

PROJECT NUMBER	INDEX CODE
116-PPP	607879

DATE FEB 95	SHEET 6 OF 9
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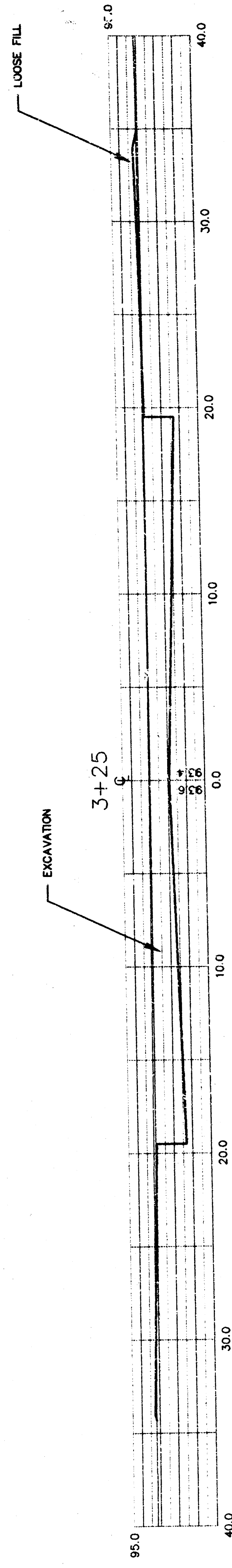
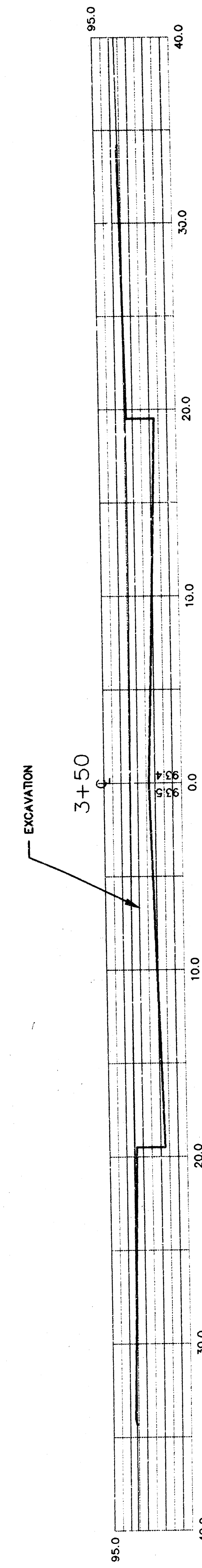
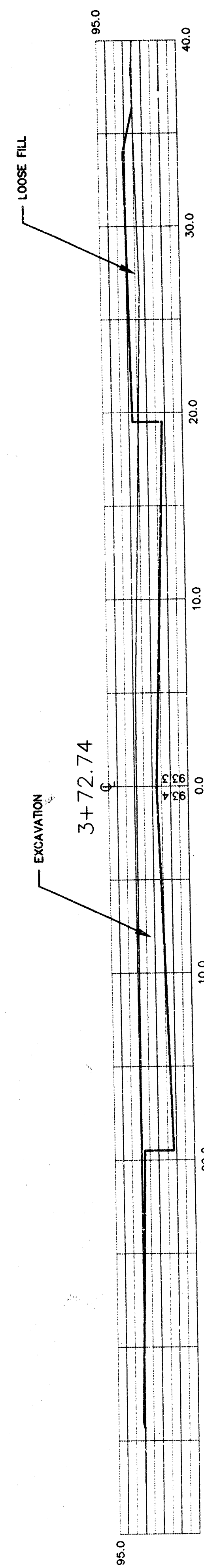
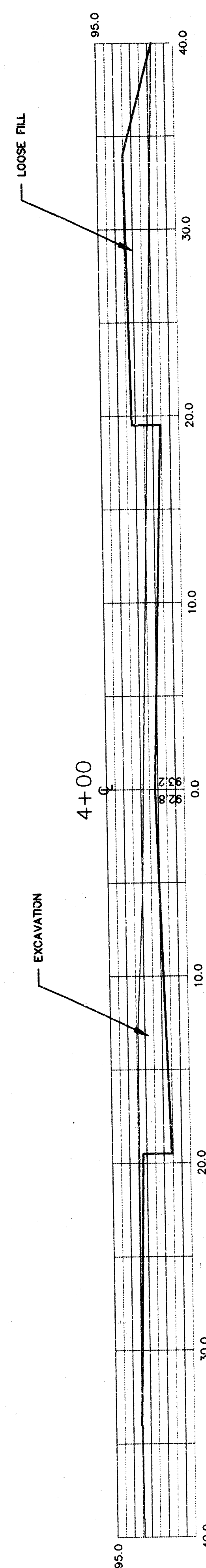
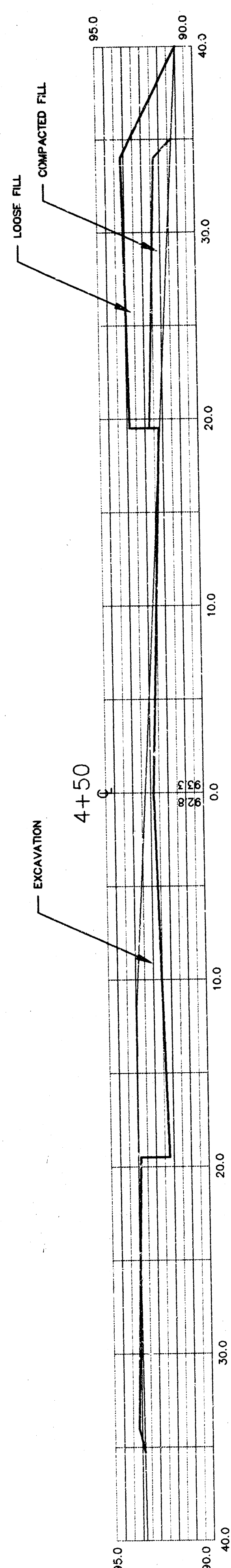


**44th STREET SOUTH
EARTHWORK CROSS SECTIONS
WICHITA, KANSAS**

		924 NORTH MAIN WICHITA, KANSAS 67203 http://www.felst.com/~srb		316-264-8008 FAX 264-4621 E-mail: srb@felst.com	
SAVOY, RUGGLES & BOHM, P.A. ENGINEERING & SURVEYING					
PROJECT NUMBER 116-PPP (607879)					
DESIGN	DRAWN	UTILITY	REVIEW	DATE	REVISED
JDS	JDS			Oct. 4, 1998	

SRB 116-PPP
SHEET
7
OF
9

STATION	AREAS		VOLUMES		CUMULATIVE VOLUMES	
	CUT	FILL	CUT	FILL	CUT	FILL
0+00	0.00	0.00	38.82	11.60	38.82	11.60
0+50	41.93	12.53	62.67	25.93	101.49	37.53
1+00	25.76	15.48	53.95	31.73	155.44	69.25
1+50	32.51	18.79	42.49	24.28	197.93	93.54
1+84.24	34.49	19.51	20.70	10.54	218.62	104.08
2+00	36.18	18.01	34.58	15.45	253.20	119.53
2+25	38.26	16.49	15.08	6.13	268.29	125.66
2+35.53	38.85	15.74	21.06	7.99	289.34	133.65
2+50	39.54	14.51	38.38	11.01	327.72	144.66
2+75	43.25	9.52	45.12	5.45	372.84	150.11
3+00	54.10	2.81	51.27	1.82	424.11	151.93
3+25	56.45	1.47	52.16	0.91	476.27	152.84
3+50	55.99	0.62	48.28	3.89	522.55	156.72
3+72.74	53.50	9.36	47.68	16.24	570.23	172.96
4+00	40.94	22.81	64.24	60.91	634.47	233.88
4+50	28.44	42.98	0.00	0.00	634.47	233.88



44th STREET SOUTH EARTHWORK CROSS SECTIONS WICHITA, KANSAS					
SRB		924 NORTH MAIN WICHITA, KANSAS 67203 http://www.felst.com/~srb		316-264-8008 FAX 264-4621 E-mail: srb@felst.com	
SAVOY, RUGGLES & BOHM, P. A. ENGINEERING & SURVEYING					
PROJECT NUMBER 116-PPP (807879)					
DESIGN JDS	DRAWN JDS	UTILITY	REVIEW	DATE Oct. 4, 1998	REVISED
SHEET 8 OF 9					10/01

COTTONWOOD GROVE 3RD ADDITION

WICHITA, SEDGWICK COUNTY, KANSAS

State of Kansas) SS
Sedgwick County)

We, Savoy, Ruggles & Bohm, P.A., Surveyors in aforesaid county and state do hereby certify that, under the supervision of the undersigned, we have surveyed and platted "COTTONWOOD GROVE 3RD ADDITION", Wichita, Sedgwick County, Kansas and that the accompanying plat is a true and correct exhibit of the property surveyed, described as follows:

The N1/2 of the SW1/4 of Sec. 13, Twp. 28-S, R-1-W of the 6th P.M., Sedgwick County, Kansas, except that part platted as Cottonwood Grove Addition, an Addition to Wichita, Sedgwick County, Kansas and except that part platted as Cottonwood Grove Second Addition, an Addition to Wichita, Sedgwick County, Kansas and except that part platted as James Place an Addition to the City of Wichita, Sedgwick County, Kansas.

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

Savoy, Ruggles & Bohm, P.A.

Date _____

Surveyor
Mark A. Savoy RLS #788

Know all men by these presents that we, the undersigned have caused the land described in the surveyor's certificate to be platted into Lots, Blocks, Reserves and a Street to be known as "COTTONWOOD GROVE 3RD ADDITION", Wichita, Sedgwick County, Kansas. The utility easements are hereby granted as indicated for the construction and maintenance of all public utilities. The drainage easements are hereby granted for drainage purposes. Reserve "A" is hereby reserved for the construction and maintenance of all public utilities, drainage purposes and for private drive purposes to Lots 2, 3 and 4, Block B. Reserve "D" is hereby reserved for the construction and maintenance of all public utilities, drainage purposes and for private drive purposes to Lots 5, 6, 7 and 8, Block B. Reserves "B" and "C" are hereby reserved for lakes, drainage and drainage structures, open space, gazebos, picnic areas/tables with covered structures, irrigation, walks, lighting, landscaping and berms. Reserves "E" and "F" are hereby reserved for open space, gazebos, picnic areas/tables with covered structures, irrigation, walks, lighting, landscaping and berms. The Reserves shall be owned and maintained by the owner of Lots 2, 3, 4, 5, 6, 7 and 8, Block B. The Street is hereby dedicated to and for the use of the public. Access Controls are hereby granted to the City of Wichita (as indicated on the face of the plat). Minimum building pad elevations are as shown on the face of the plat.

Alan D. McClure Marilyn McClure

State of Kansas) SS
Sedgwick County)

The foregoing instrument acknowledged before me, this _____ day of _____, 1998, by Alan D. McClure and Marilyn McClure his wife.

Notary Public

My App't. Exp. _____

This plat of "COTTONWOOD GROVE 3RD ADDITION", Wichita, Sedgwick County, Kansas, has been submitted to and approved by the Wichita-Sedgwick County Metropolitan Area Planning Commission, Wichita, Kansas.

Dated this _____ day of _____, 1998.

Wichita-Sedgwick County Metropolitan Area Planning Commission

Chairman

Richard E. Lopez

Secretary

Marvin S. Krout

This plat approved and all dedications shown hereon, accepted by the City Council of the City of Wichita, Kansas, this _____ day of _____, 1998.

Mayor

Bob Knight

City Clerk

Pat Burnett

Entered on transfer record this _____ day of _____, 1998.

County Clerk

James Alford

State of Kansas) SS
Sedgwick County)

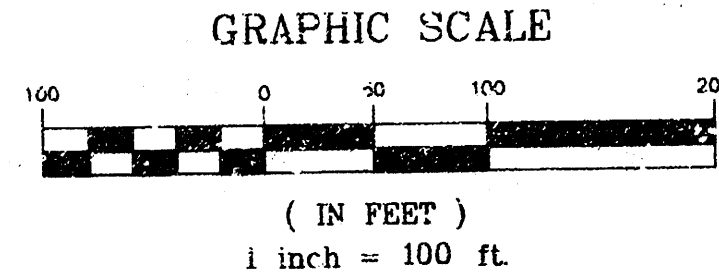
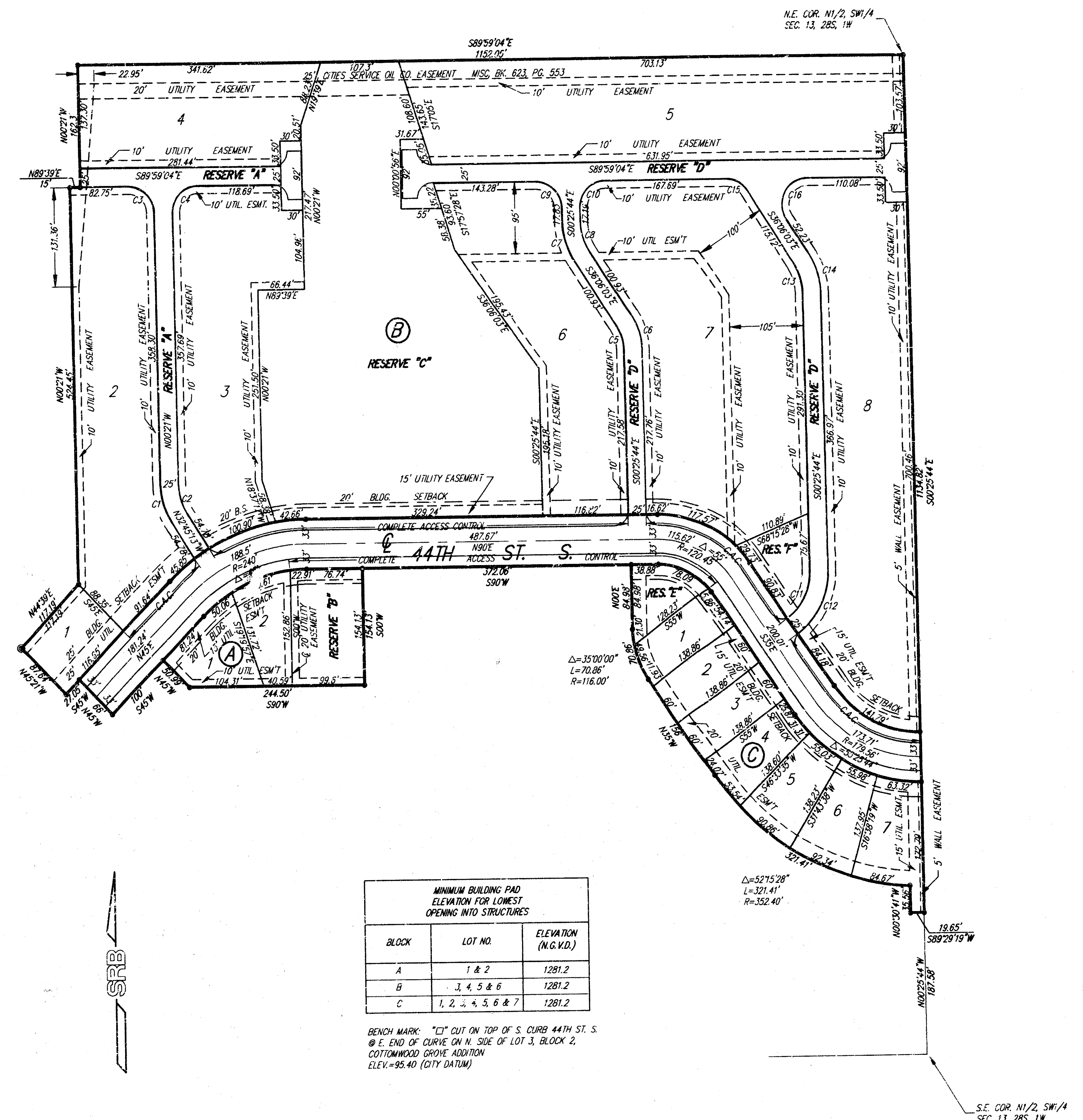
This is to certify that this plat has been filed for record in the office of the Register of Deeds, this _____ day of _____, 1998, at _____ o'clock _____ M. and is duly recorded.

Register of Deeds

Bill Meek

Deputy

Linda Kizzire



C.A.C. = COMPLETE ACCESS CONTROL

• = 1/2" REBAR W/DRB CAP (SET)

○ = 1/2" IRON PIPE (FOUND)

● = 3/4" IRON PIPE (FOUND)

• = 1/2" REBAR W/CAP (FOUND)

MINIMUM BUILDING PAD ELEVATION FOR LOWEST OPENING INTO STRUCTURES		
BLOCK	LOT NO.	ELEVATION (M.G.V.D.)
A	1 & 2	1281.2
B	3, 4, 5 & 6	1281.2
C	1, 2, 3, 4, 5, 6 & 7	1281.2

BENCH MARK: "C" CUT ON TOP OF S. CURB 44TH ST. S.
@ E. END OF CURVE ON N. SIDE OF LOT 3, BLOCK 2,
COTTONWOOD GROVE ADDITION
ELEV. = 95.40 (CITY DATUM)

CURVE TABLE			
REF.	LEN.	RAD.	DELTA
C1	56.55'	100'	32°24'13"
C2	42.42'	75'	32°24'13"
C3	54.75'	35'	89°38'04"
C4	55.20'	35'	90°21'56"
C5	34.62'	60'	33°03'41"
C6	49.05'	85'	33°03'41"
C7	58.48'	100'	33°30'20"
C8	43.86'	75'	33°30'20"
C9	54.71'	35'	89°33'21"
C10	55.25'	35'	90°26'39"
C11	72.89'	75.44'	55°25'44"
C12	97.17'	100.44'	55°25'44"
C13	43.28'	75'	33°03'41"
C14	57.70'	100'	33°03'41"
C15	34.51'	35'	56°29'40"
C16	75.45'	35'	123°30'20"

COTTONWOOD GROVE 3RD ADDITION FINAL PLAT WICHITA, KANSAS			
SRB		924 NORTH MAIN WICHITA, KANSAS 67203 http://www.fairist.com/~srb	
SAVOY, RUGGLES & BOHM, P.A. ENGINEERING & SURVEYING		316-264-8008 FAX 264-4621 E-mail: srbs@earthlink.net	
PROJECT NUMBER 116-PPP (607879)			
DESIGN JDS	DRAWN JDS	UTILITY JDS	REVIEW JDS
DATE Oct. 4, 1998		REVISED	

Je 10 03 03