

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

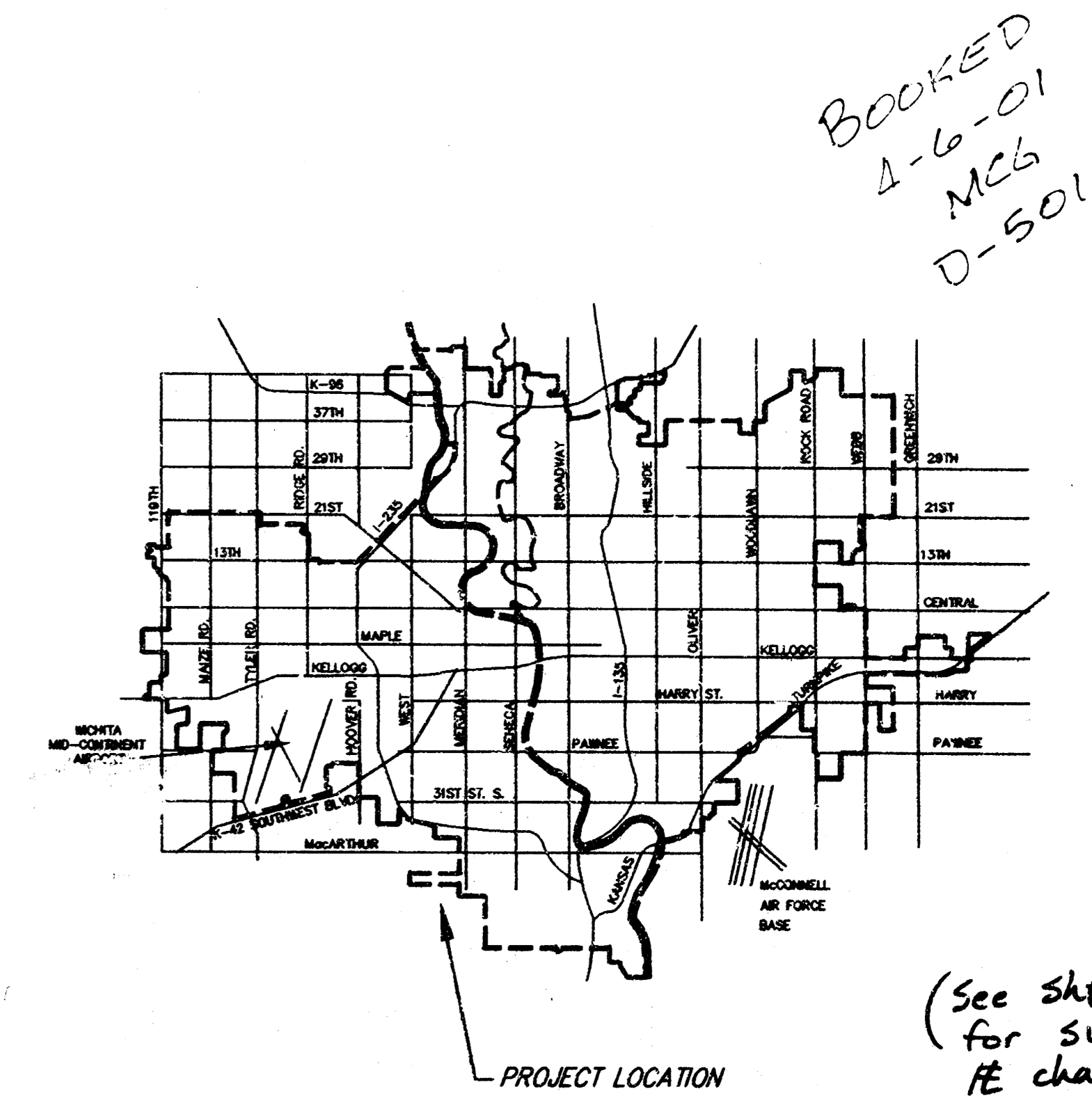
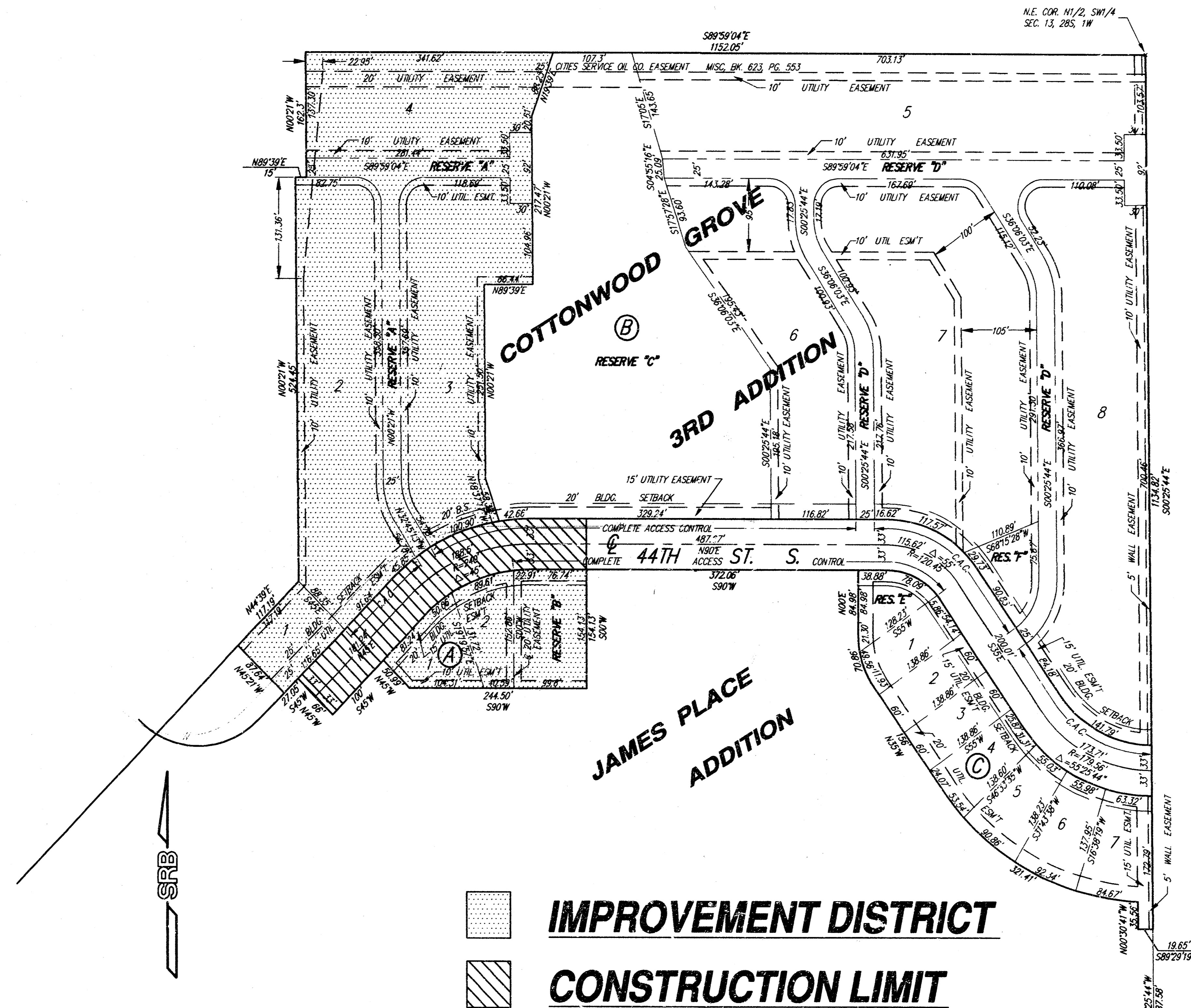
EXCAVATION = 635 C.Y.
 LOOSE FILL = 223 C.Y.
 COMPACTED FILL = 11 C.Y.

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 GUTTER & WHEELCHAIR RAMP DETAILS
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6. SIGNING DETAILS
7. EARTHWORK CROSS SECTIONS
8. EARTHWORK CROSS SECTIONS/TOTALS
9. FINAL PLAT



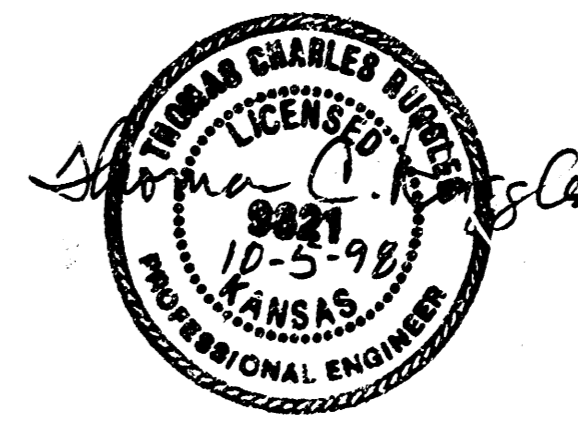
AS-BUILT PLANS (Built per plan)
 Inspector: Tim Kelly
 Inspection firm: Savoy, Ruggles & Bohm
 Completion Date: 12-01-00

APPROVED AS NOTED
 BY CITY ENGINEER OF WICHITA

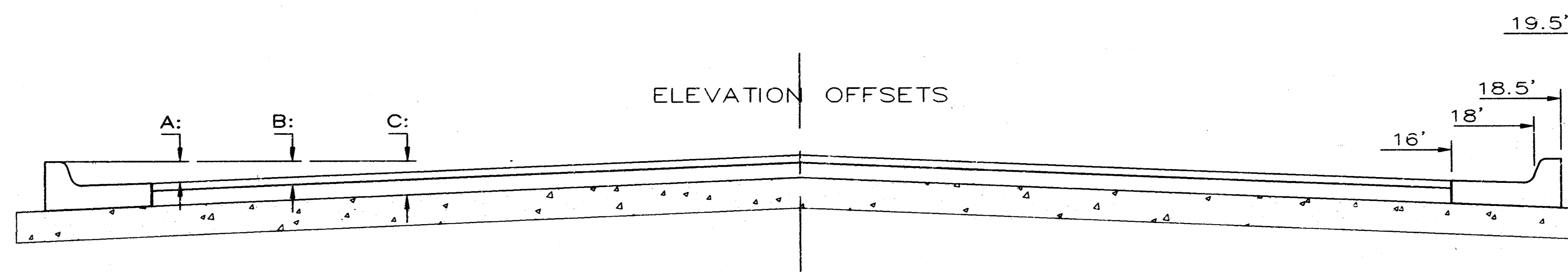
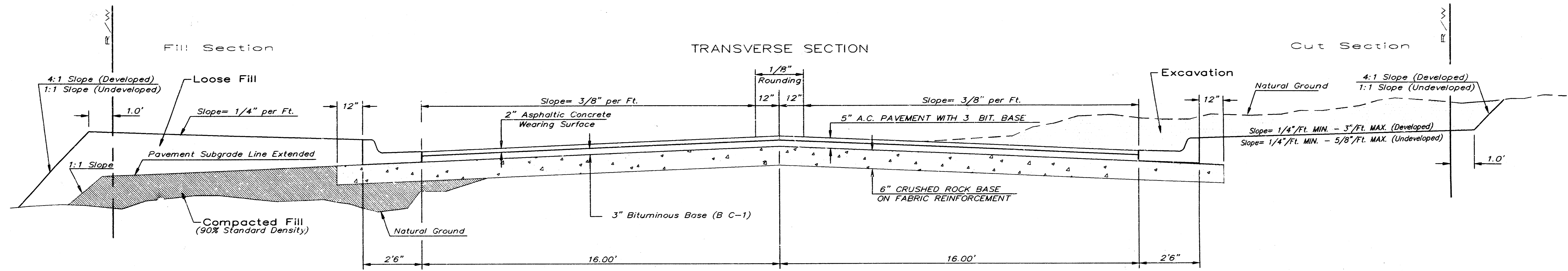
Sanitary Sewers _____
 Storm Sewers _____
 Driveway Approaches _____
 Water Mains _____
 Paving VRH 10/5/98

NOTE TO CONTRACTORS

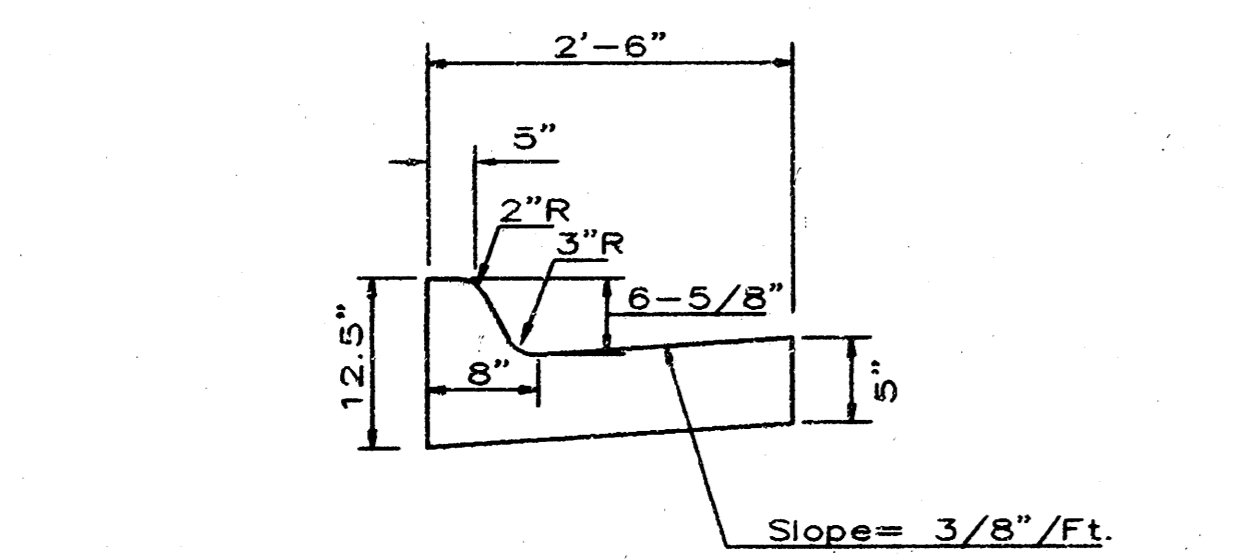
Inspection and testing for this project are to be provided by a Licensed Consulting Engineering Firm under contract with the Owner/Developer. Said inspection to be in accordance with the City of Wichita standard construction engineering practices and certified by a Licensed Professional Engineer. No 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.



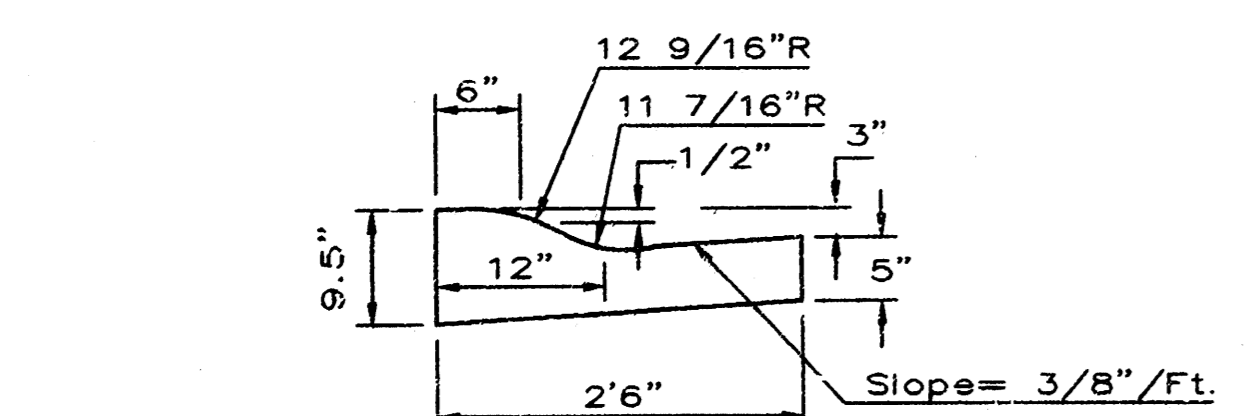
TYPICAL 37' B-B PAVEMENT DETAILS



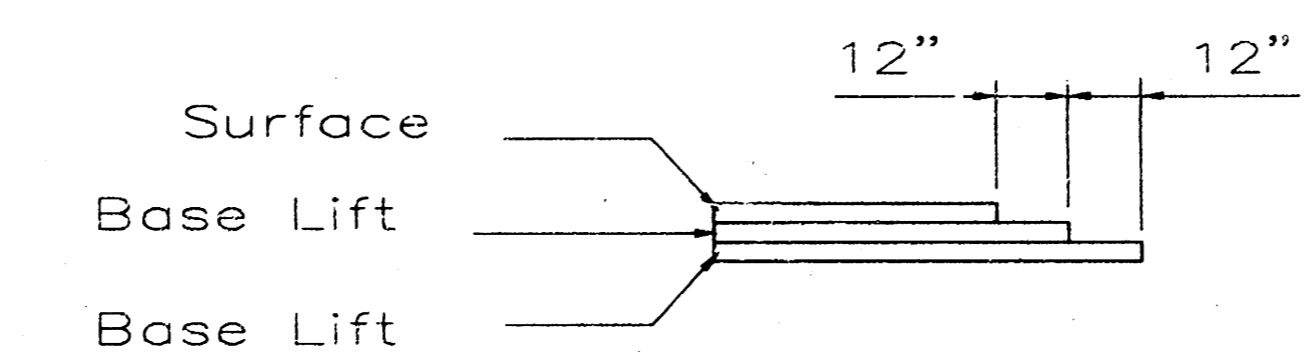
| | DISTANCE FROM CENTERLINE (L.T. & RT.) | | | | | | | | | | | |
|---|---------------------------------------|------|------|------|------|------|------|------|------|------|-------|-------|
| | 0' | 2' | 4' | 6' | 8' | 10' | 12' | 14' | 16' | 18' | 18.5' | 19.5' |
| A: Top of Curbs to Top of Surface 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 |



COMBINED CURB & GUTTER

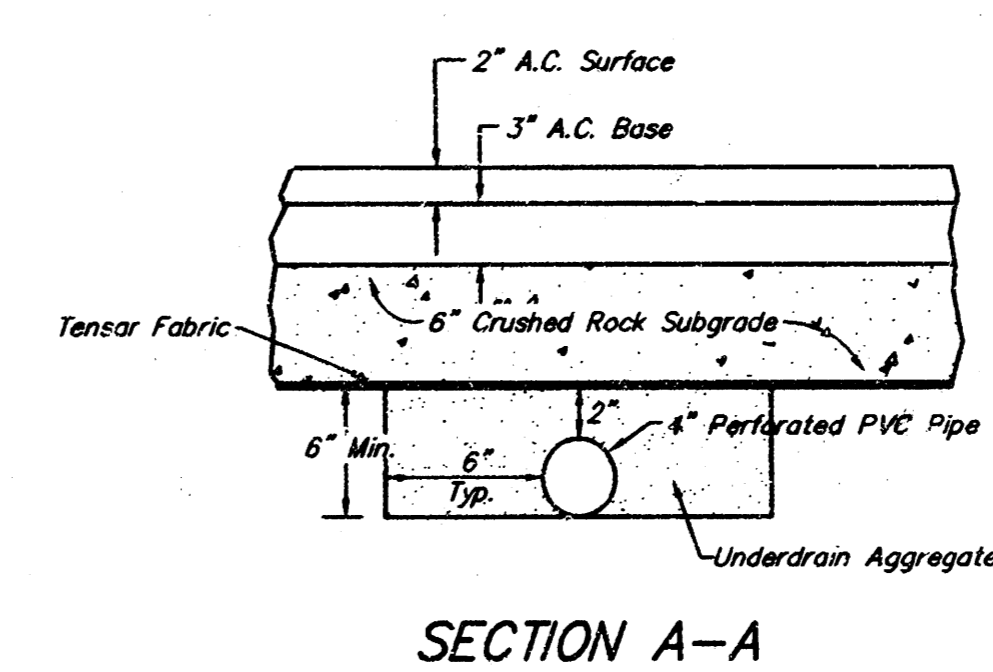


COMBINED ROLL TYPE CURB & GUTTER



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" ASPHALTIC CONCRETE (3" BITUMINOUS BASE).

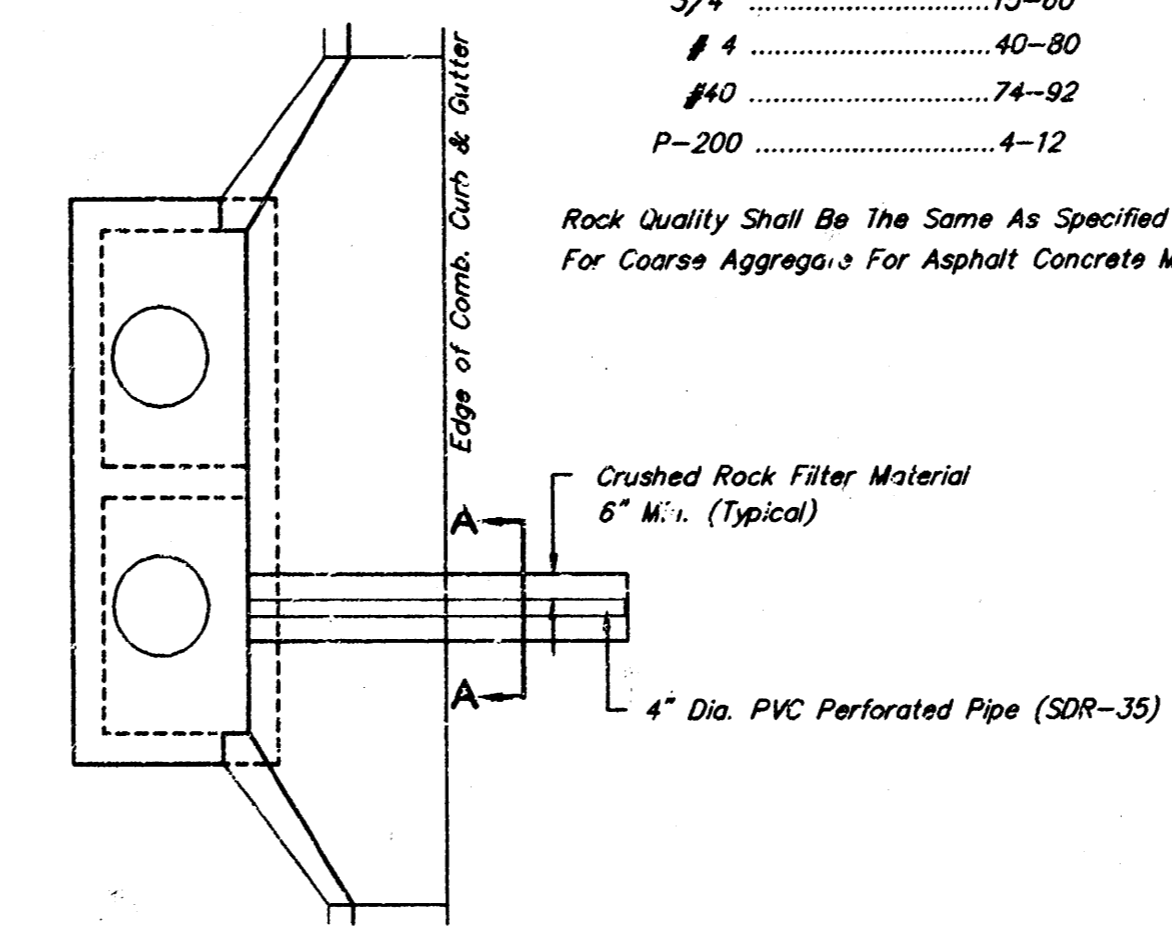


SECTION A-A

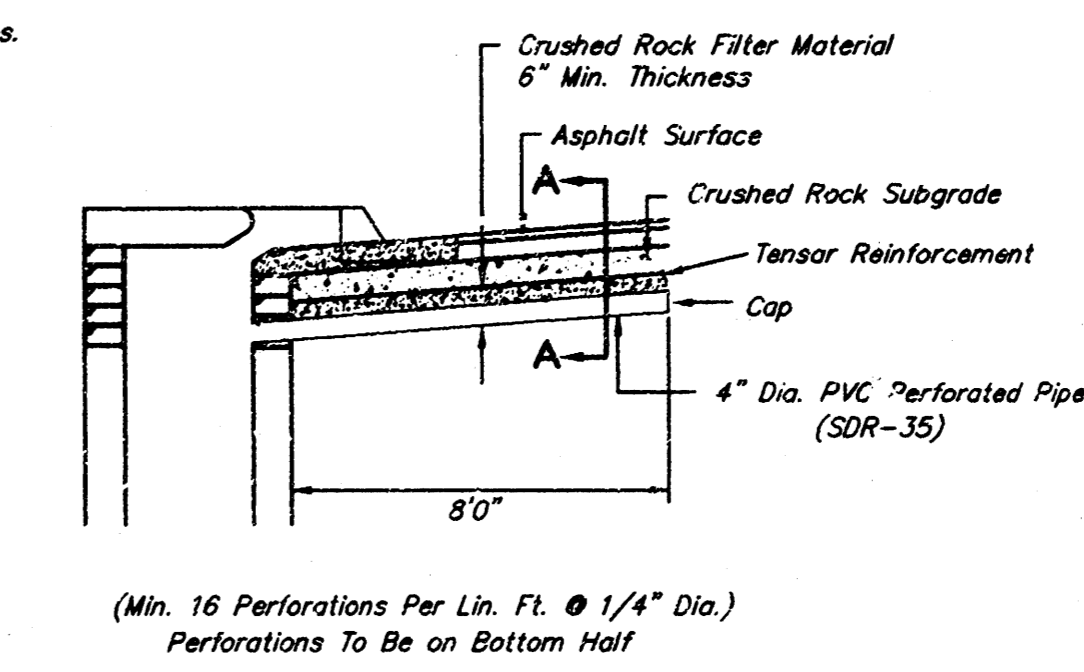
CRUSHED ROCK GRADATION REQUIREMENTS

| Percent of Aggregate Retained | Requirement |
|-------------------------------|-------------|
| 1/2" | 0 |
| 3/4" | 15-60 |
| #4 | 40-80 |
| #10 | 74-92 |
| P-200 | 4-12 |

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



PAVEMENT UNDERDRAIN DETAIL



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

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.)

THE CITY OF WICHITA

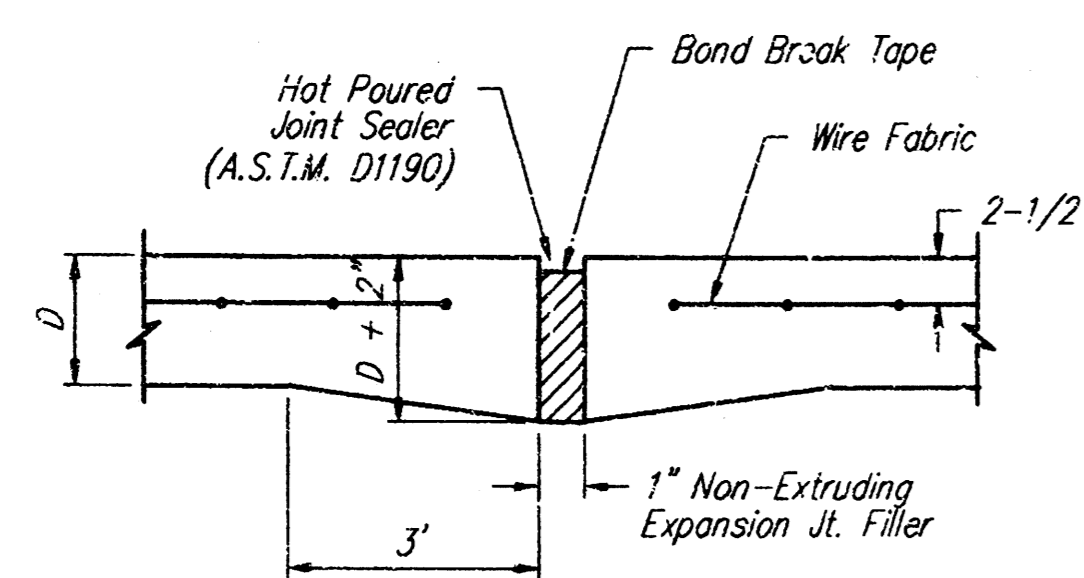
CITY ENGINEER'S OFFICE
CITY HALL - SEVENTH FLOOR
425 NORTH MAIN STREET
WICHITA, KANSAS 67202
(316) 268-4501
(316) 268-4112 FAX

**37' PAVEMENT
5" ASPHALTIC CONC.
W/ CRUSHED ROCK
BASE**

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

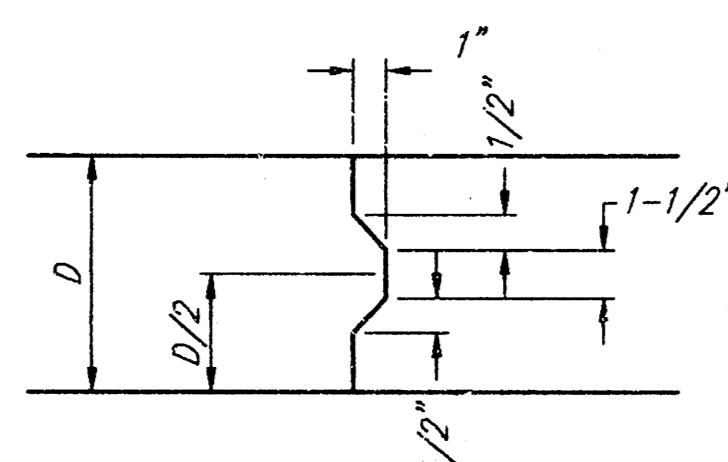
PROJECT NUMBER: **116-PPP** SURETY CODE: **607879**

DATE: **MAR 96** SHEET **2 OF 9**

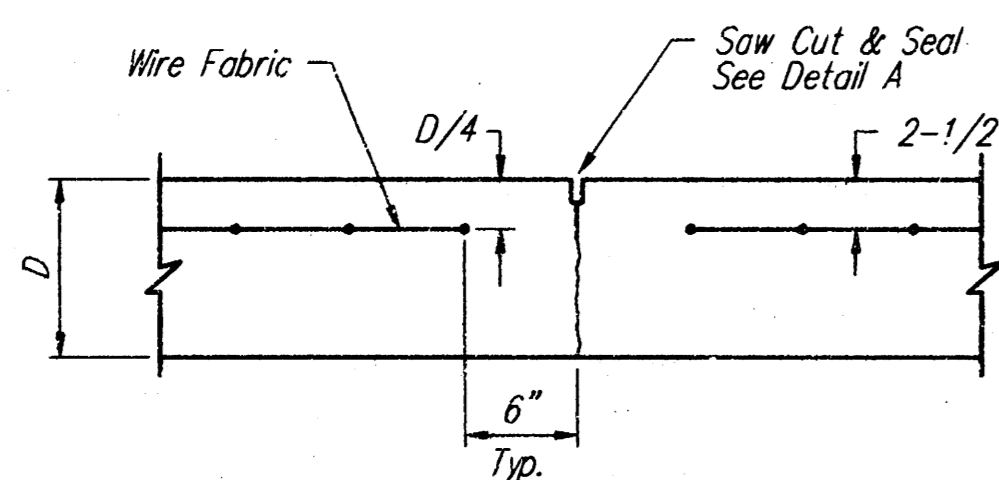


EXPANSION JOINT

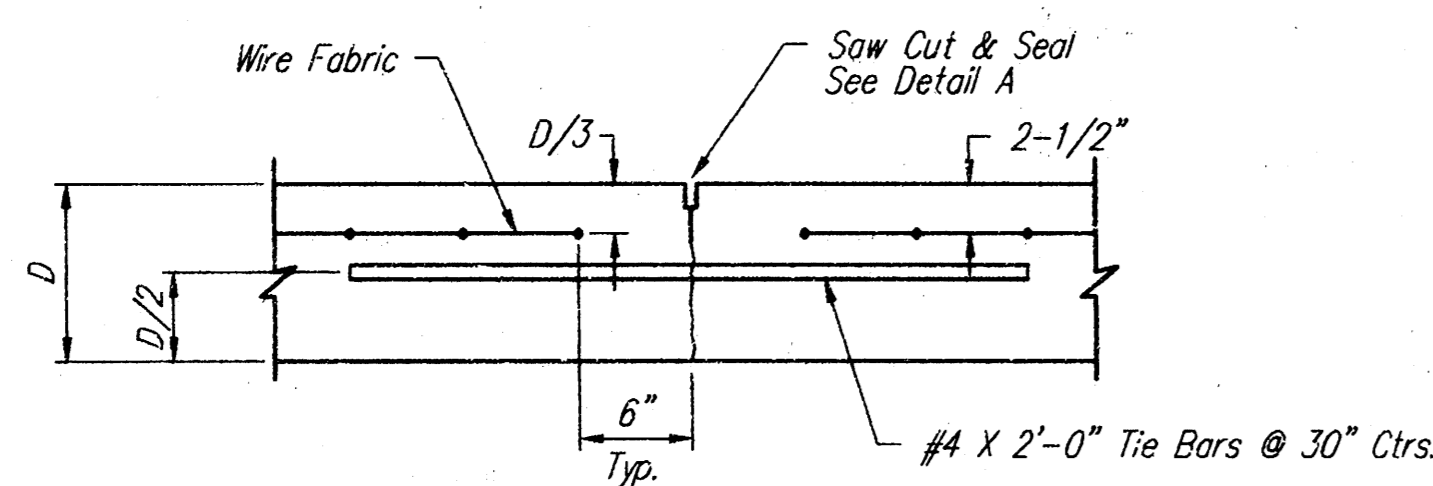
NOTE: Extra Thickness to be Subsidiary to Price of Square Yards Pavement



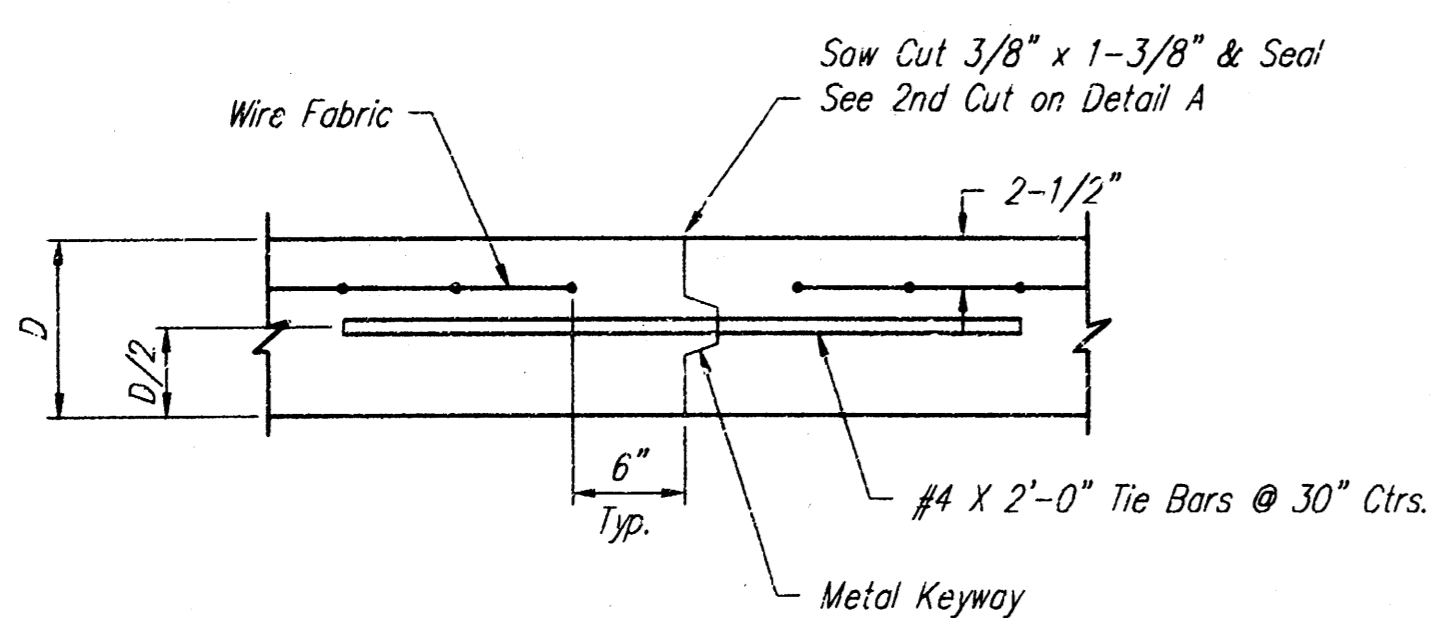
KEYWAY DETAIL



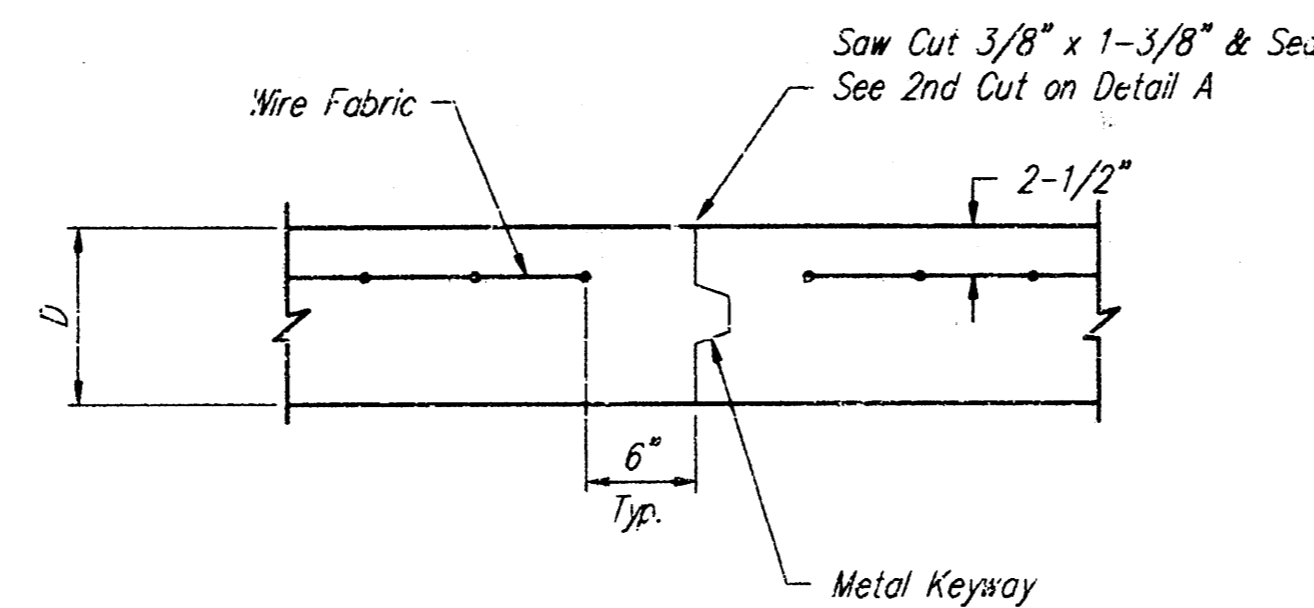
CONTRACTION JOINT DETAIL (C.J.)



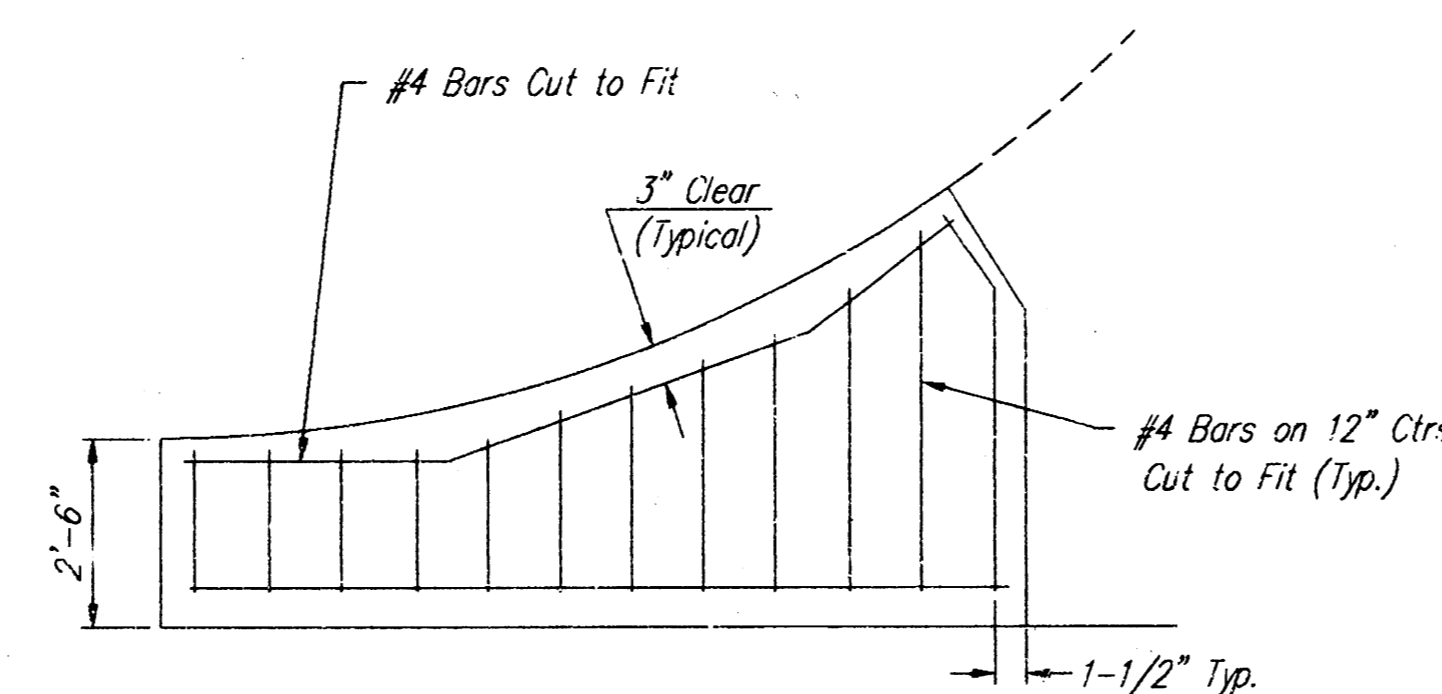
LONGITUDINAL JOINT DETAIL (L.J.)



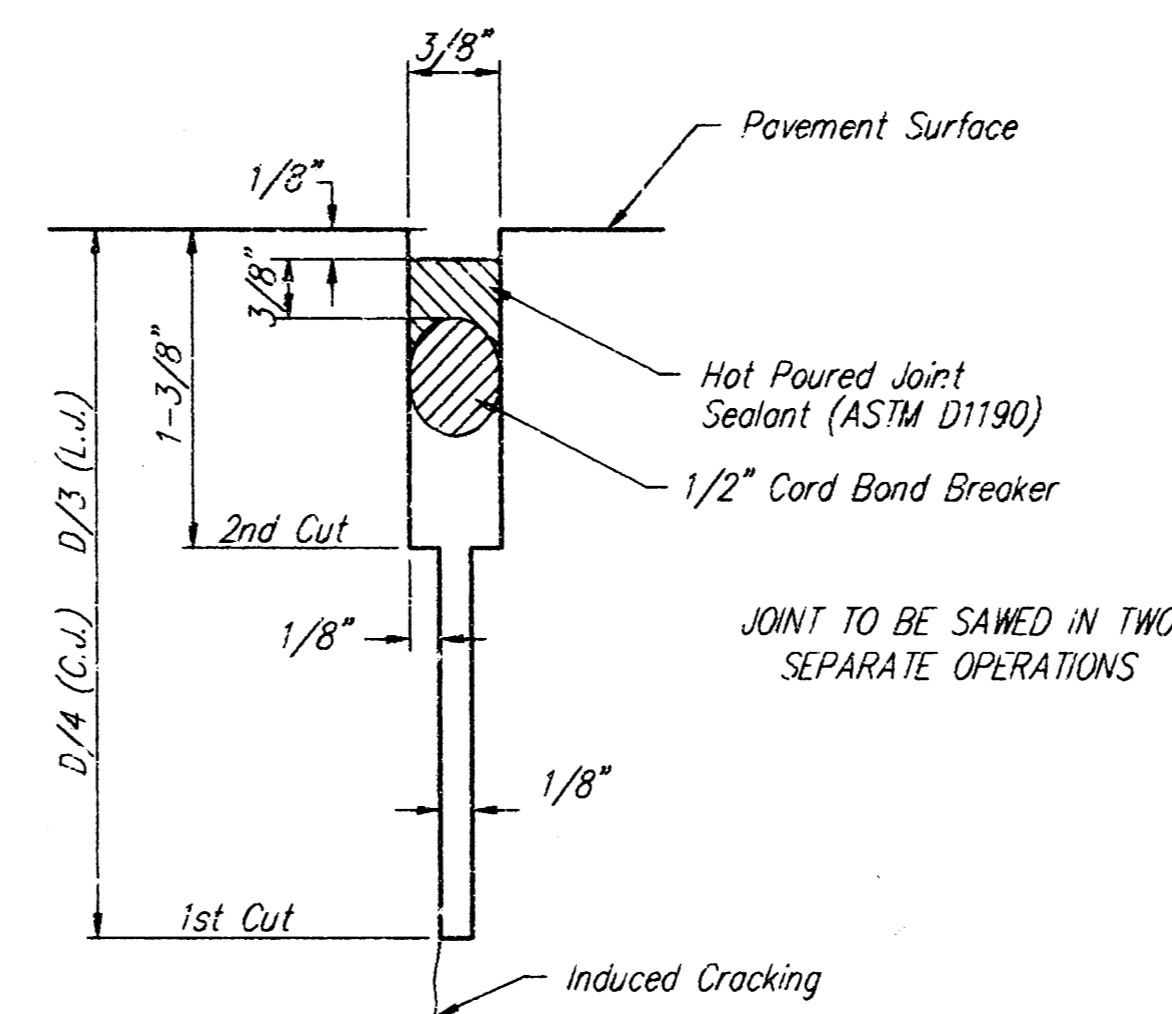
OPTIONAL LONGITUDINAL JOINT DETAIL (L.J.)



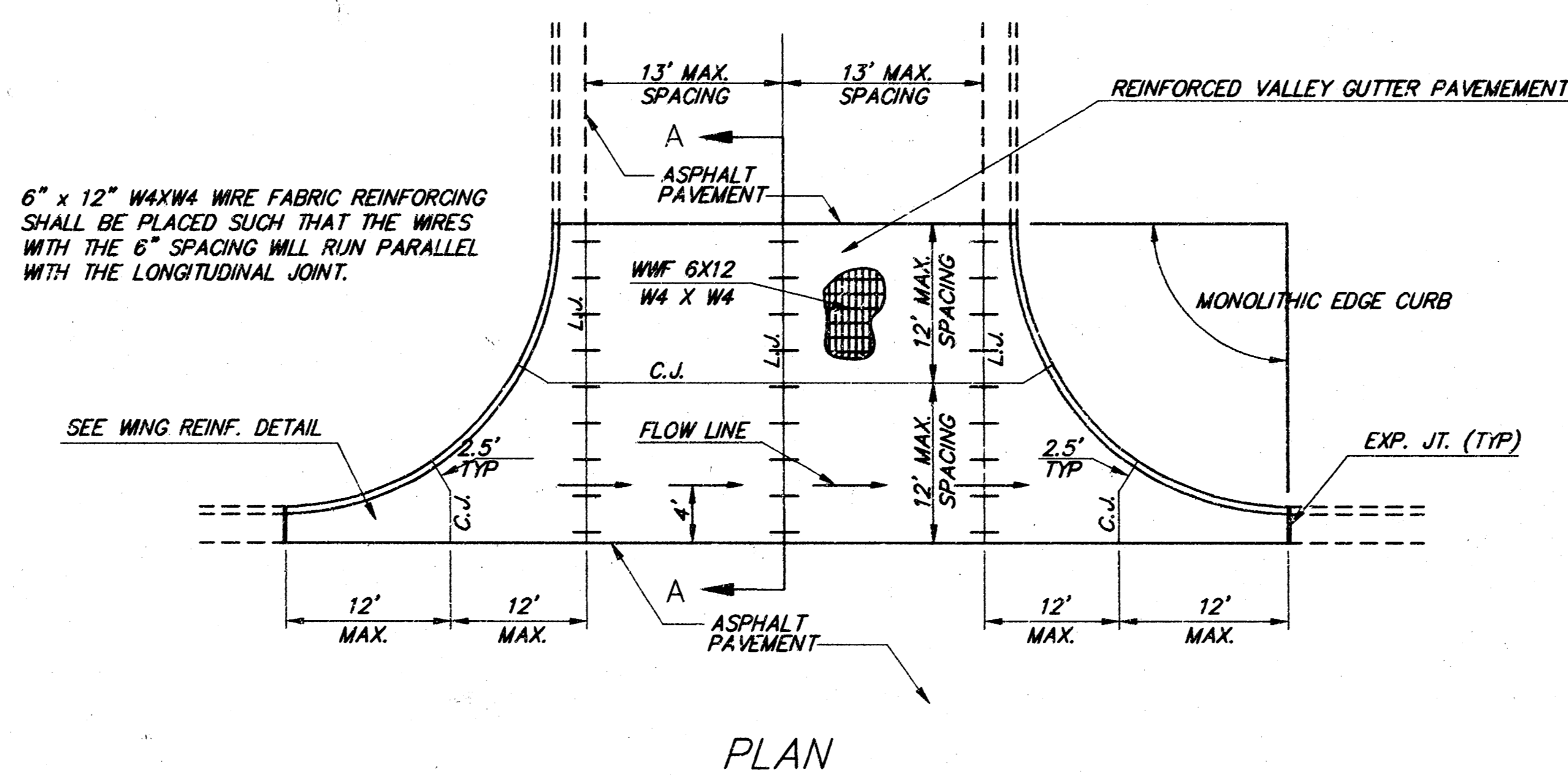
OPTIONAL CONTRACTION JOINT



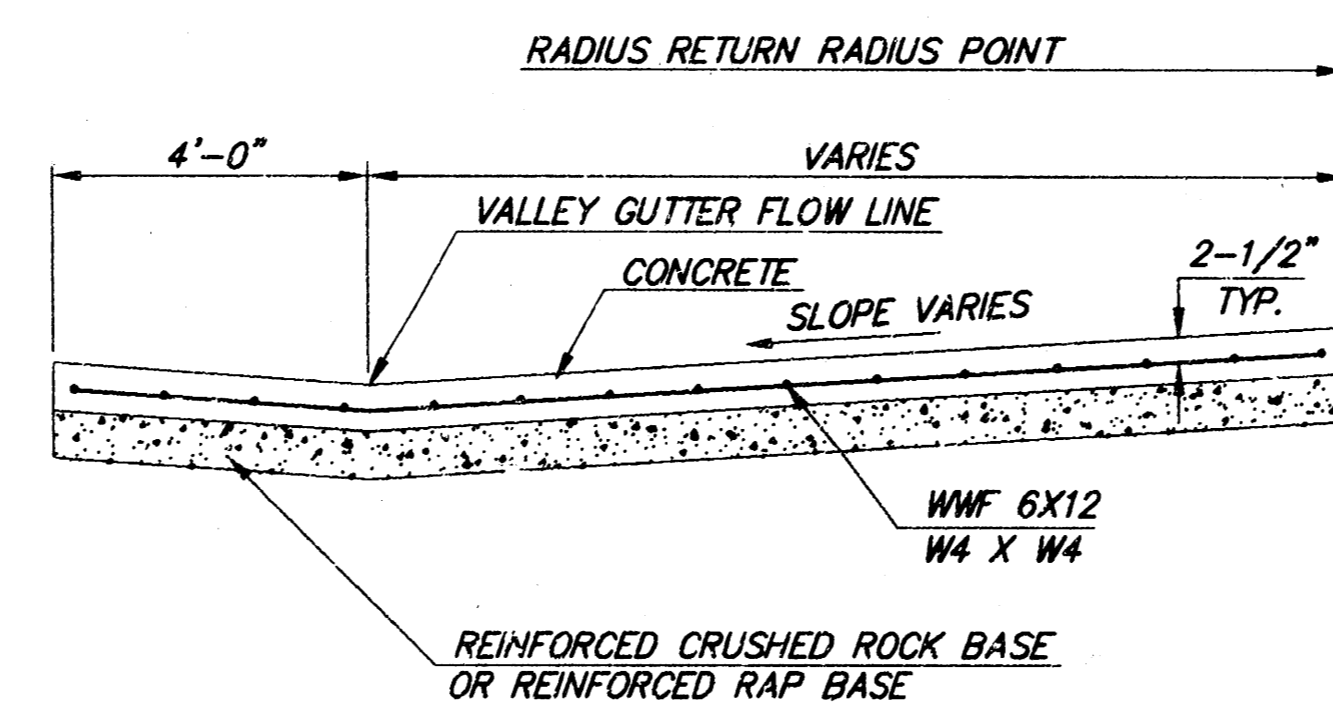
WING REINFORCING DETAIL



SAW JOINT DETAIL

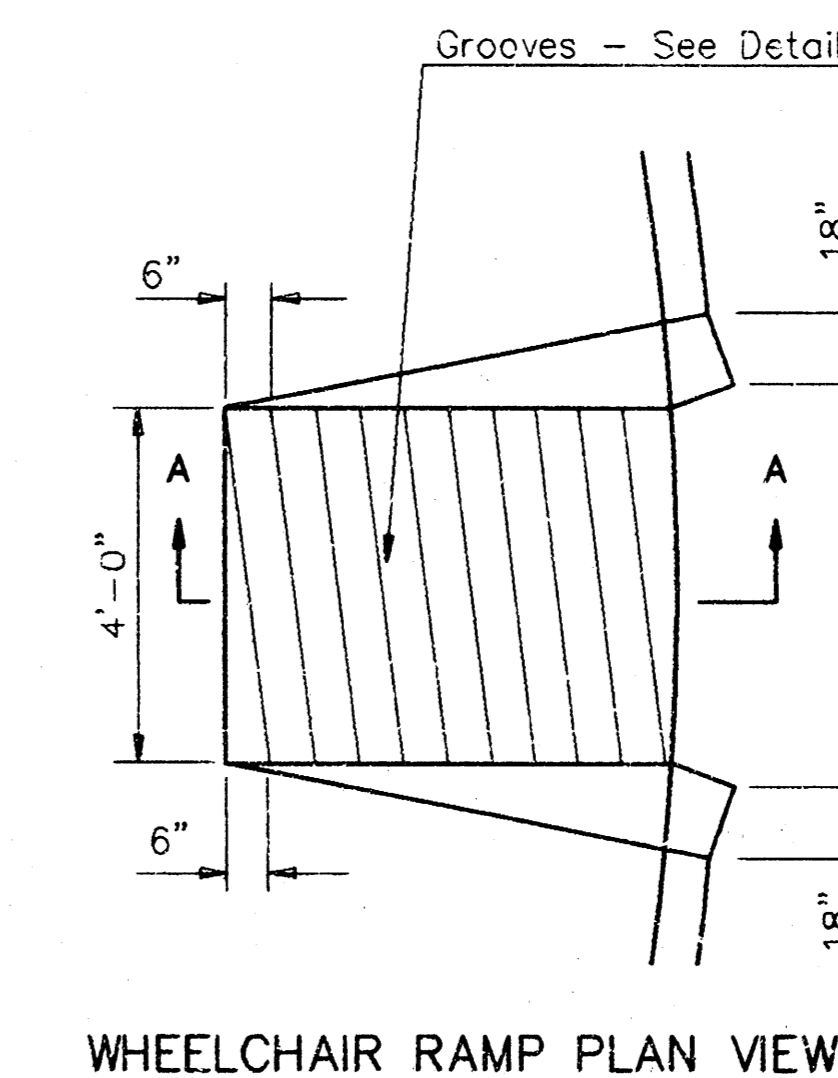


PLAN

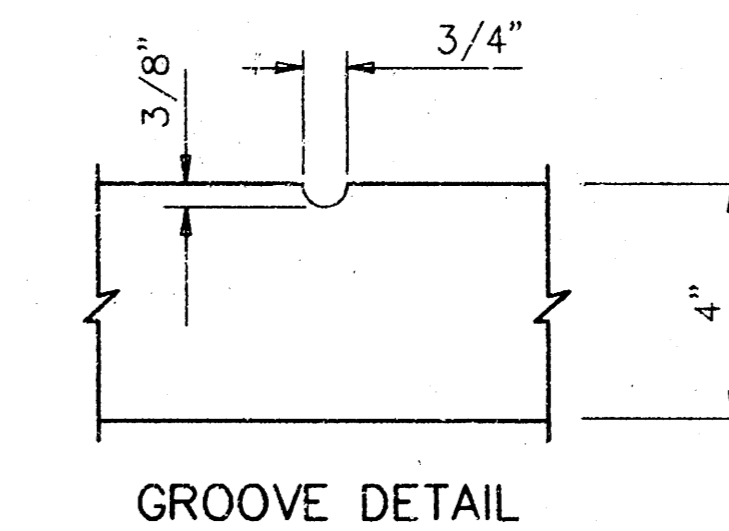


SECTION A-A

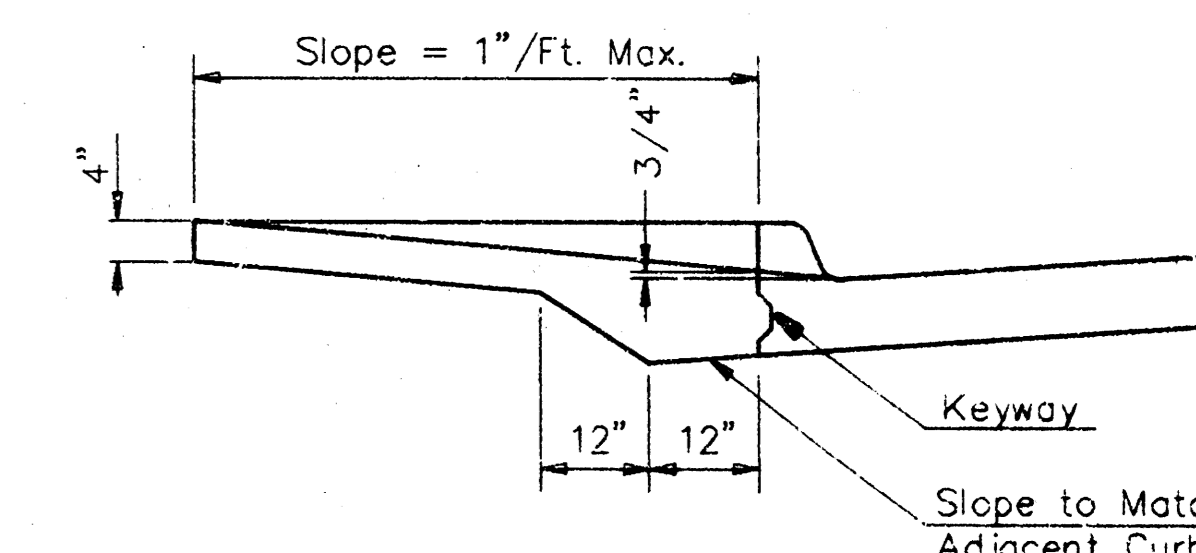
REINFORCED VALLEY GUTTER DETAIL



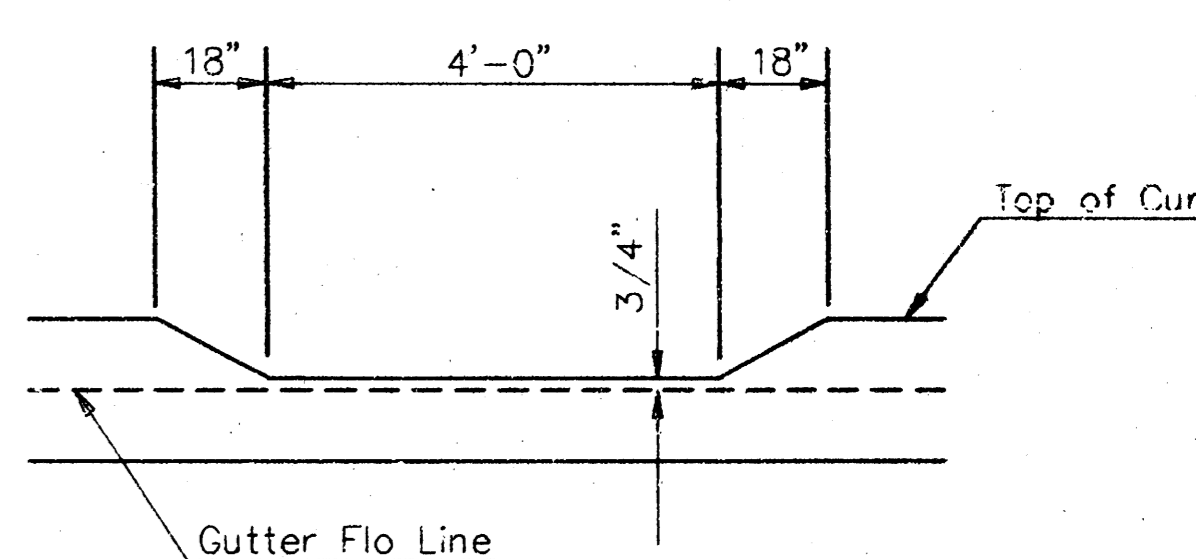
WHEELCHAIR RAMP PLAN VIEW



GROOVE DETAIL

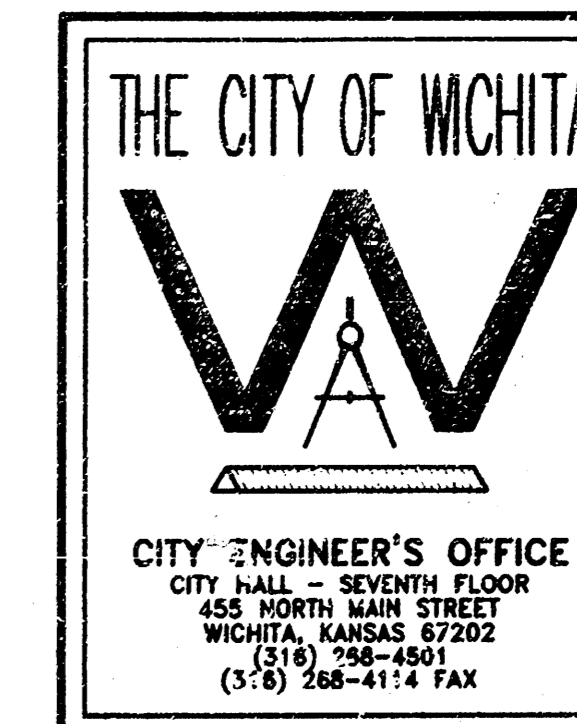


SECTION A-A

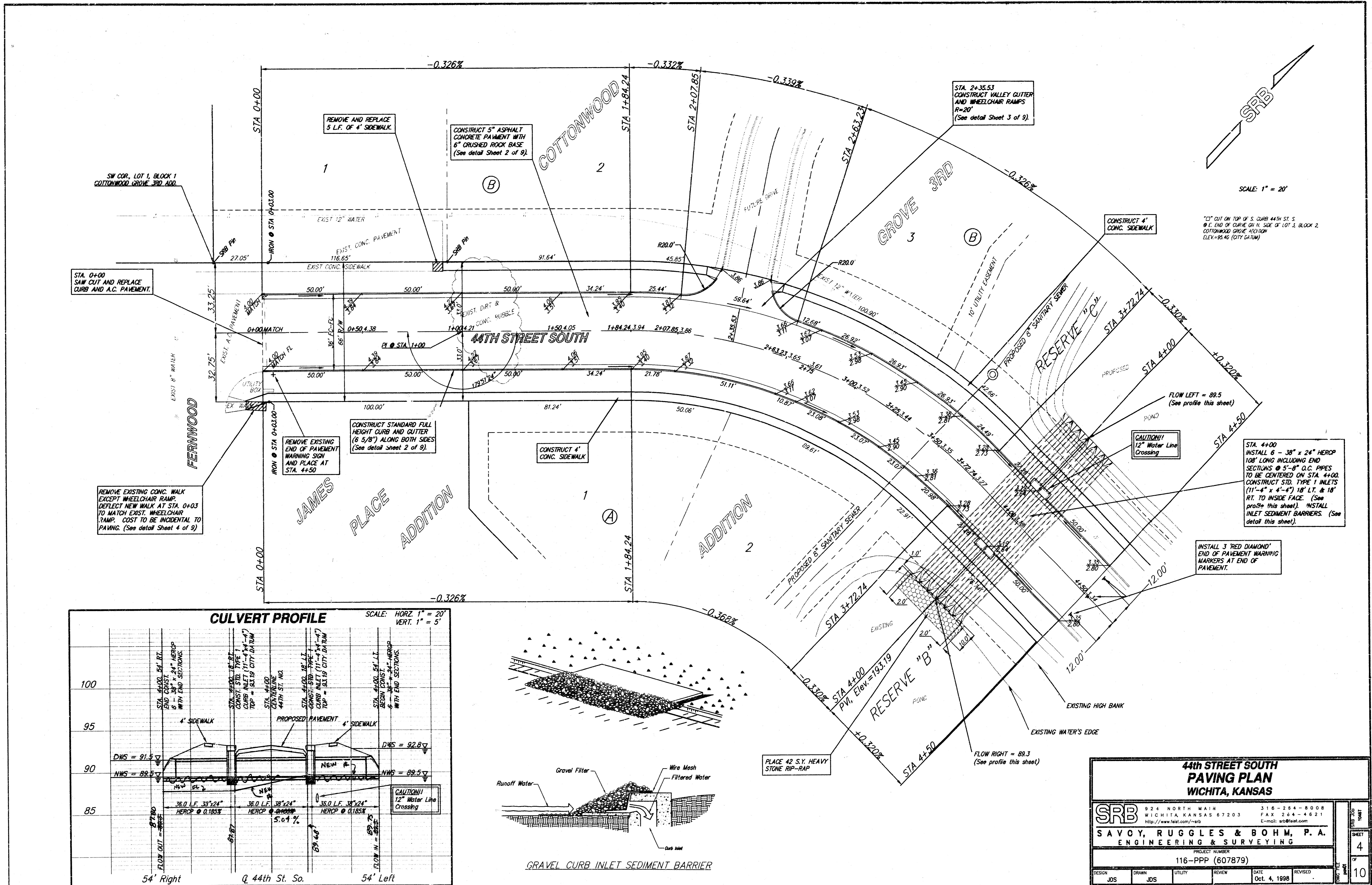


DEPRESSED CURB DETAIL

WHEELCHAIR RAMP DETAIL

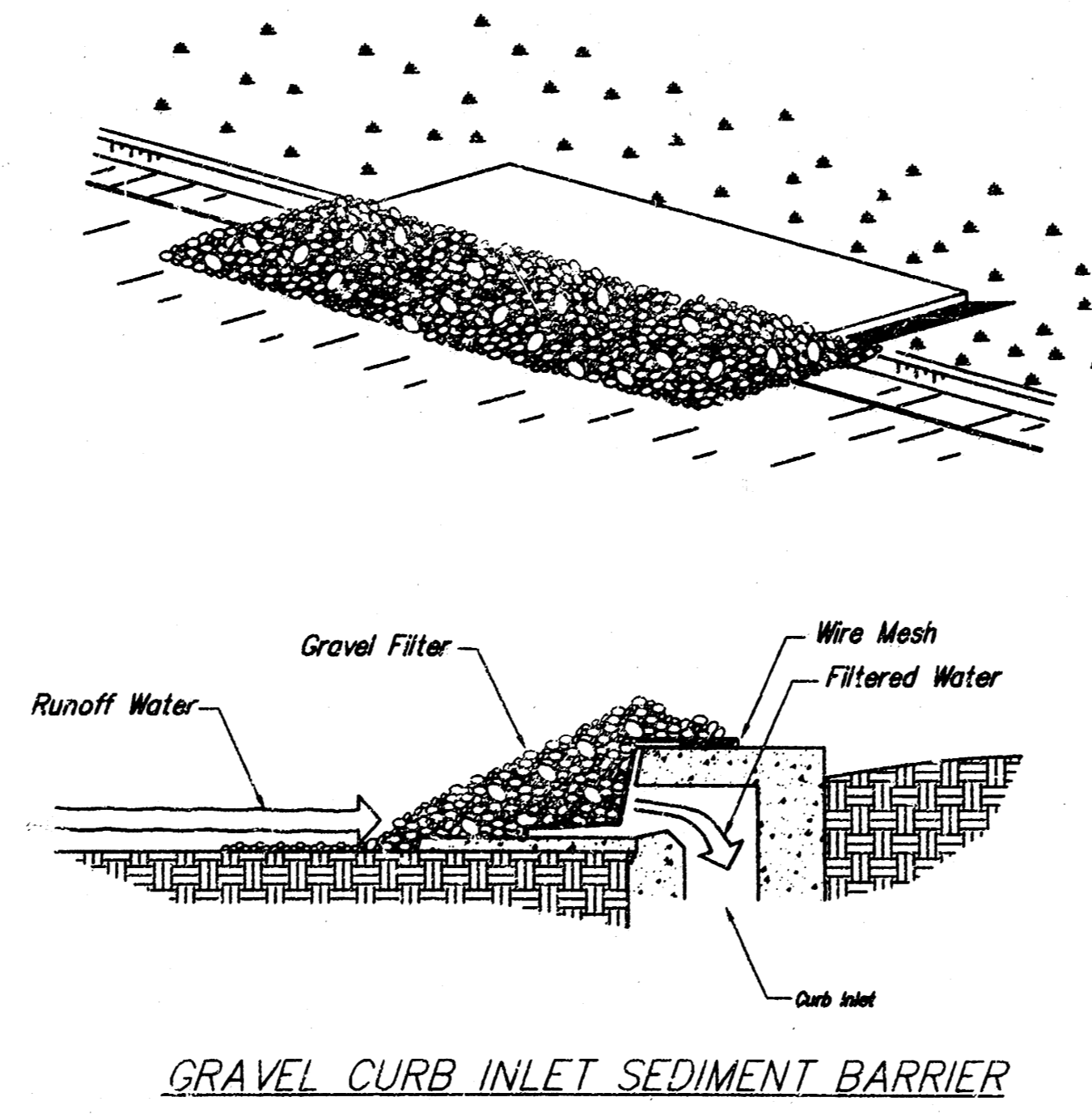
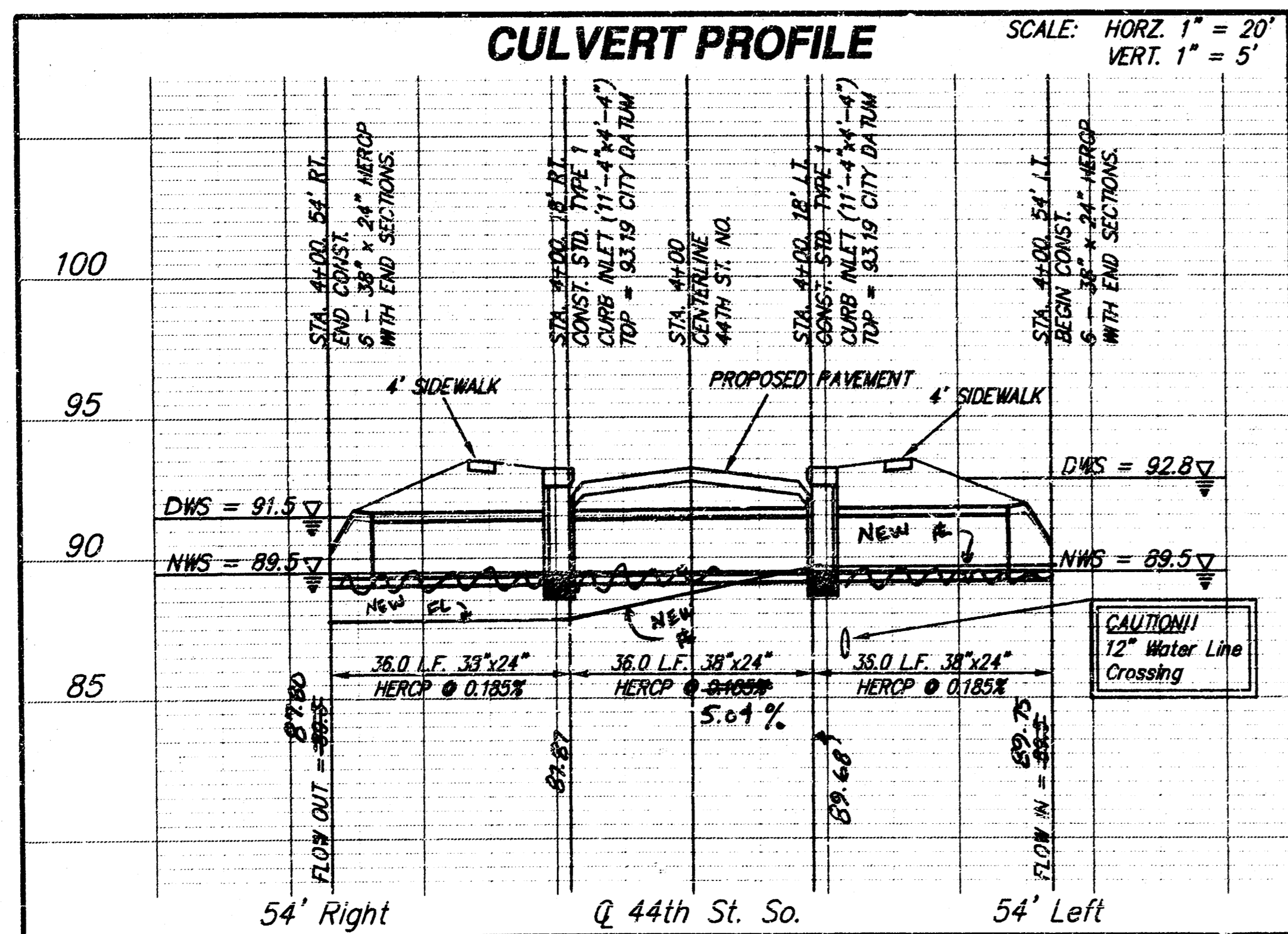


| | |
|-------------------------------------|-----------------------------|
| VALLEY GUTTER DETAILS | |
| WHEELCHAIR RAMP DETAILS | |
| M. E. LINDEBAK P.E. - CITY ENGINEER | |
| PROJECT NUMBER 116-PPP | INDEX CODE 607879 |
| DATE MAR 96 | SHEET 3 OF 9 |



SCALE: 1" = 20'

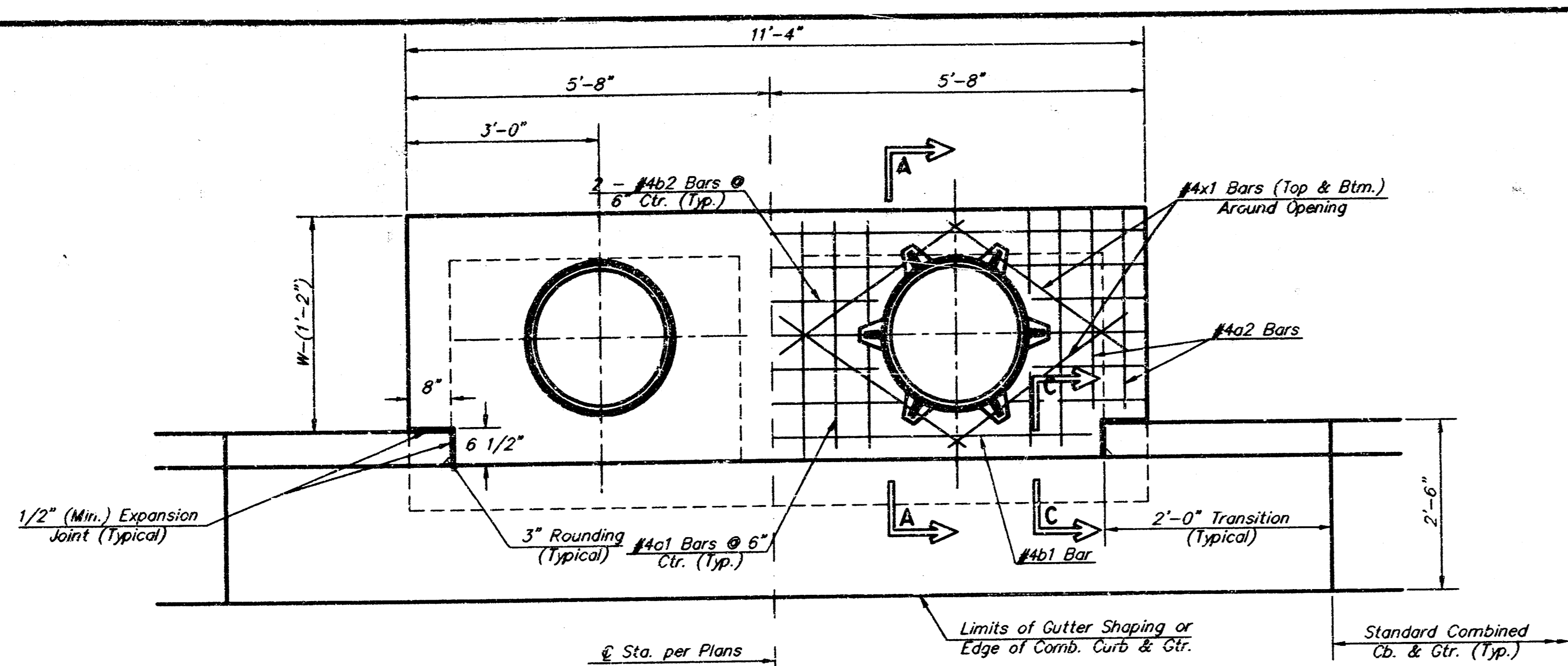
"D" CUT ON TOP OF S. CURB 44TH ST. S. @ E. END OF CURVE ON N. SIDE OF LOT 3, BLOCK 2, COTTONWOOD GROVE SECTION. ELEV.=95.46 (CITY DATUM)



**44th STREET SOUTH
PAVING PLAN
WICHITA, KANSAS**

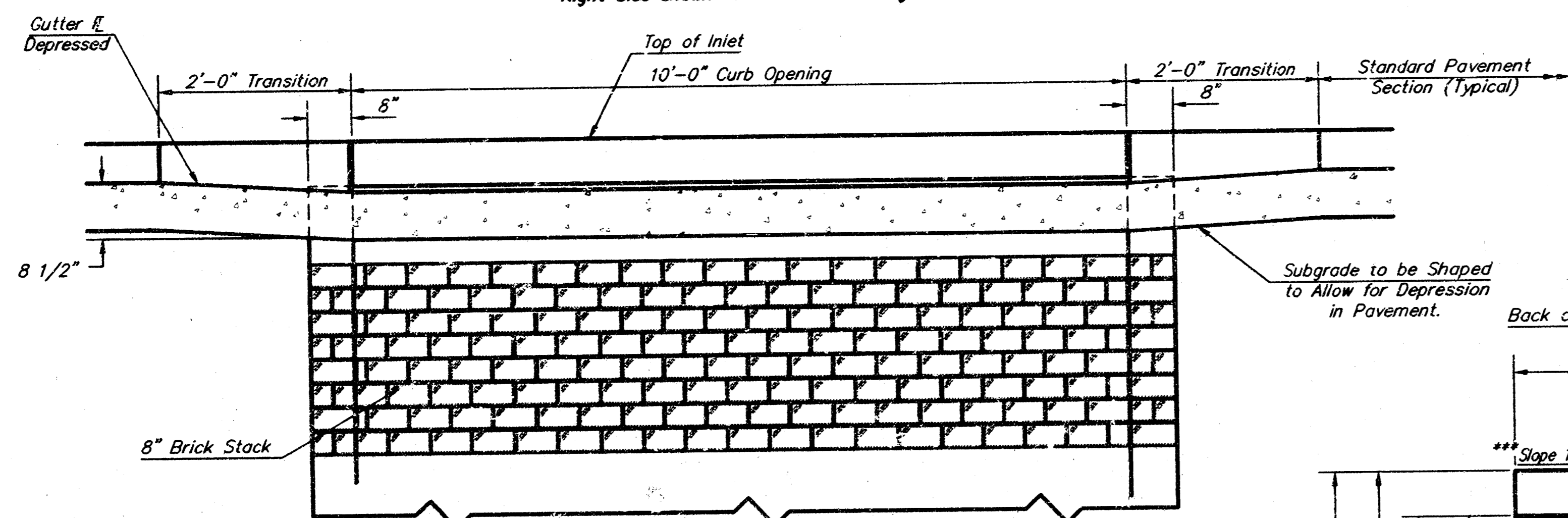
| | | |
|---|---|--|
| SRB | 924 NORTH MAIN WICHITA, KANSAS 67203 http://www.feast.com/~srb | 316-264-8008 FAX 264-4621 E-mail: srb@east.com |
| | SAVOY, RUGGLES & BOHM, P. A. ENGINEERING & SURVEYING | |
| PROJECT NUMBER 116-PPP (607879) | | |
| DESIGN JDS | DRAWN JDS | DATE Oct. 4, 1998 |
| UTILITY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

SHEET 4 OF 10

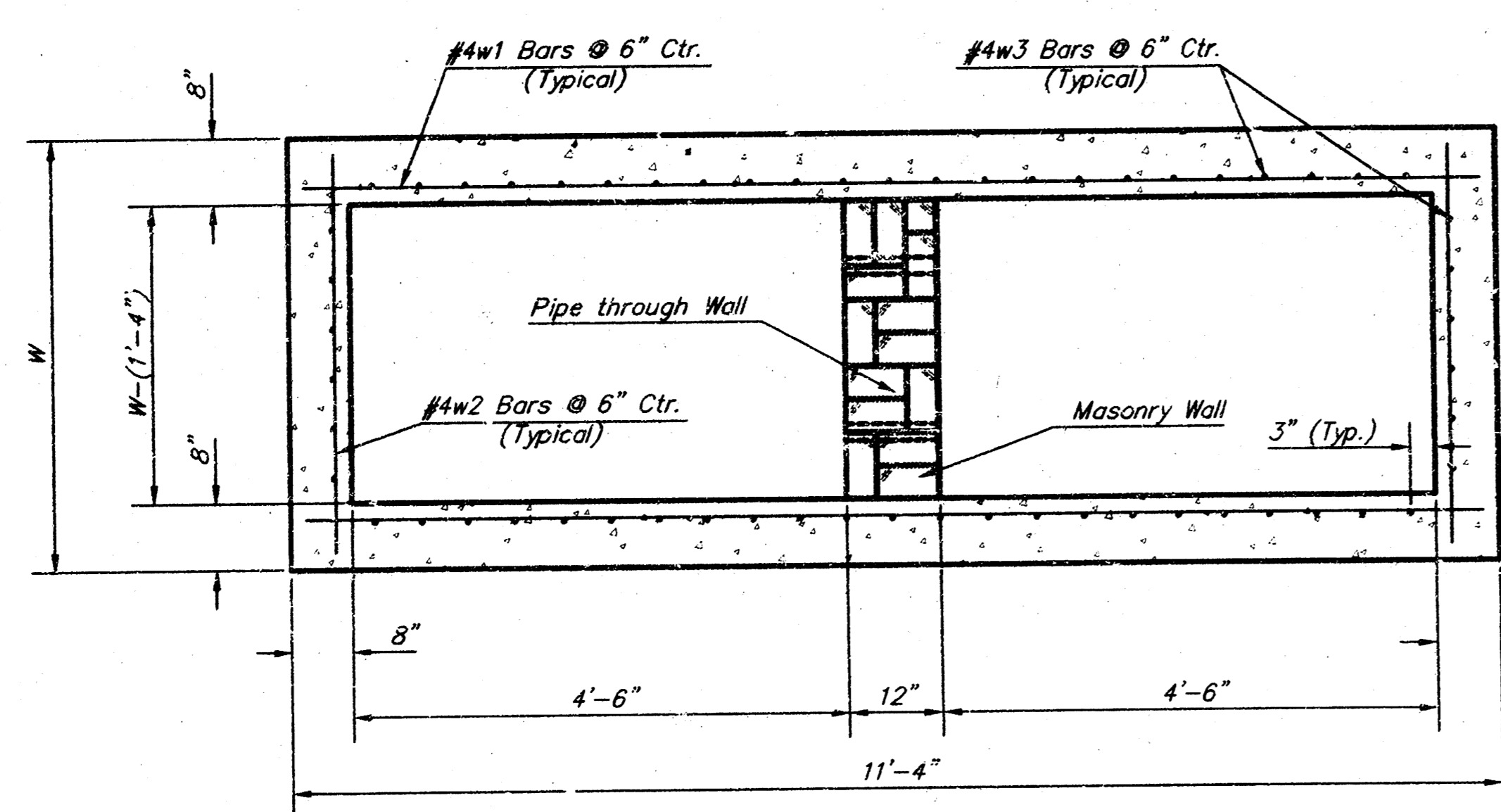


PLAN

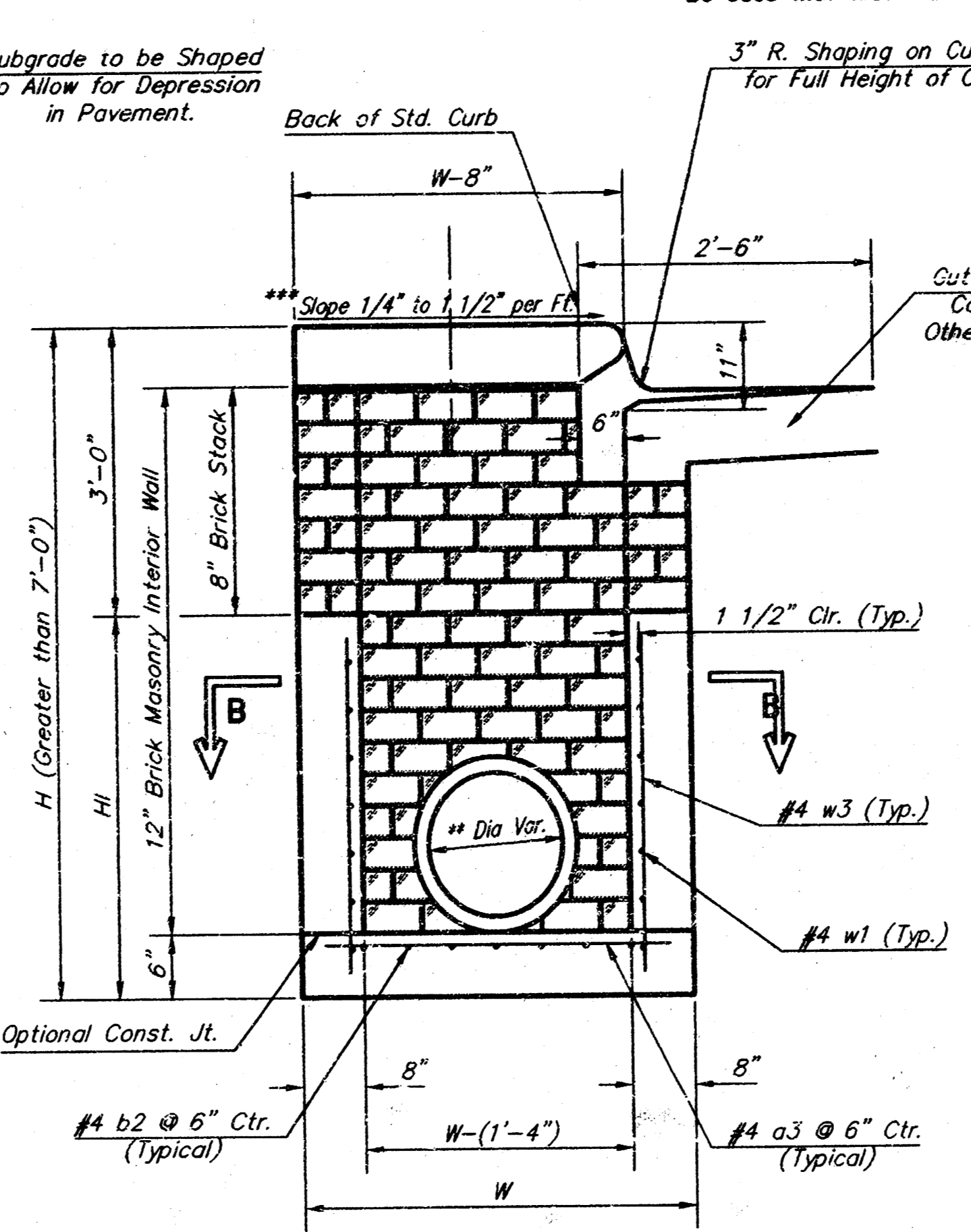
*Left Side Shown Without Slab Reinforcing, Right Side Shown With Slab Reinforcing



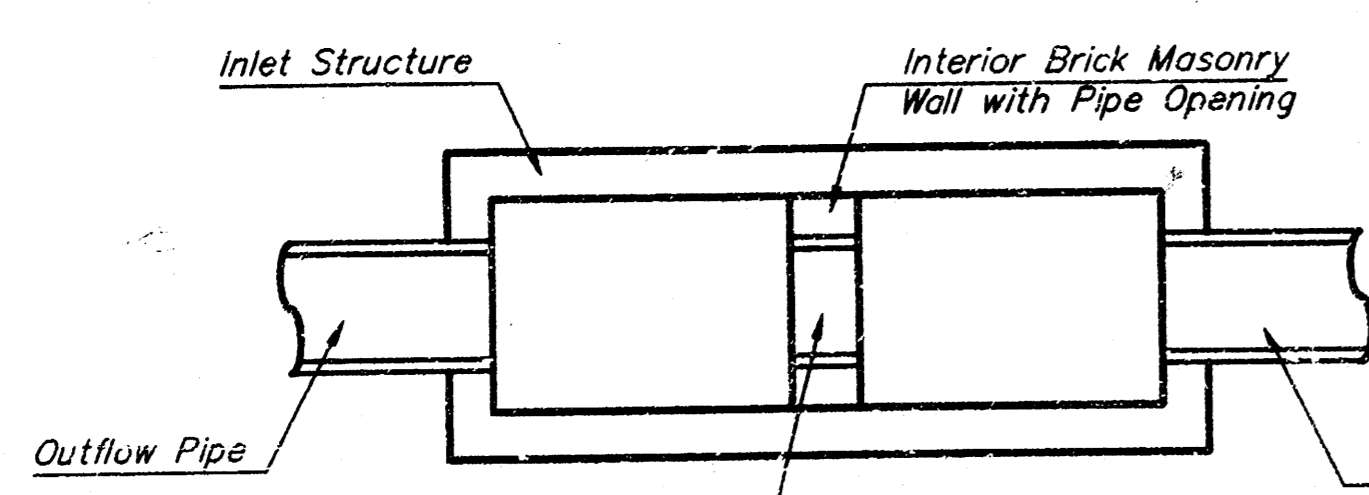
ELEVATION



SECTION B-B

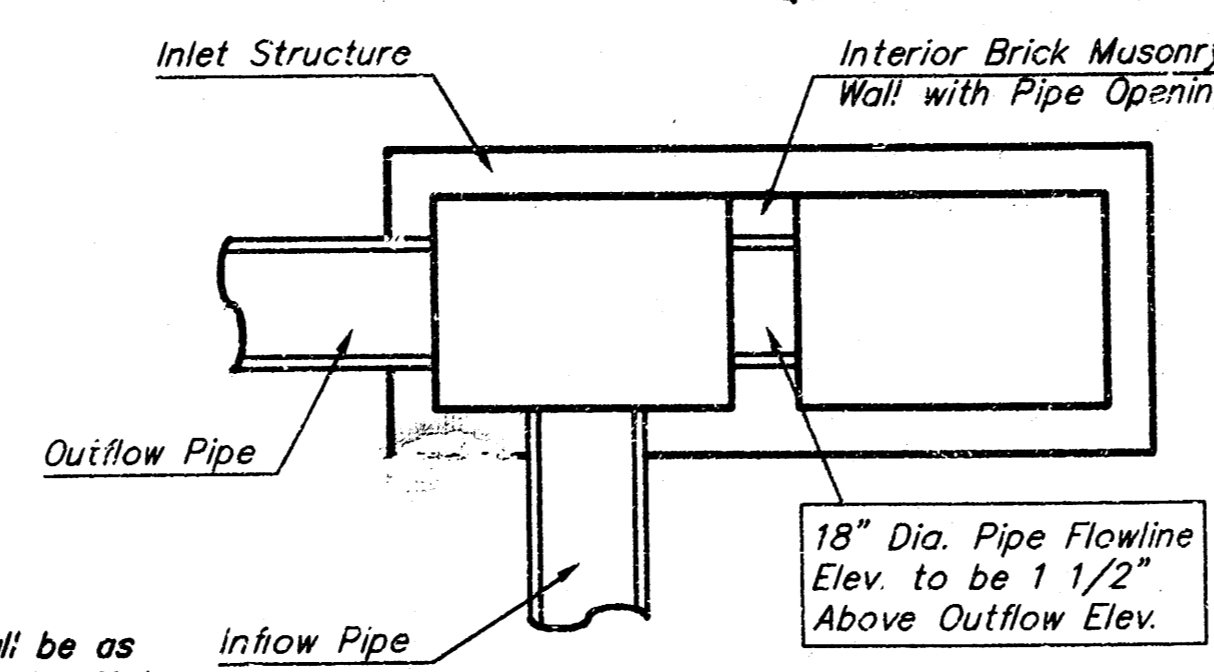


TYPICAL INLET SECTION AT CENTER WALL (REINFORCED CONCRETE WALLS)



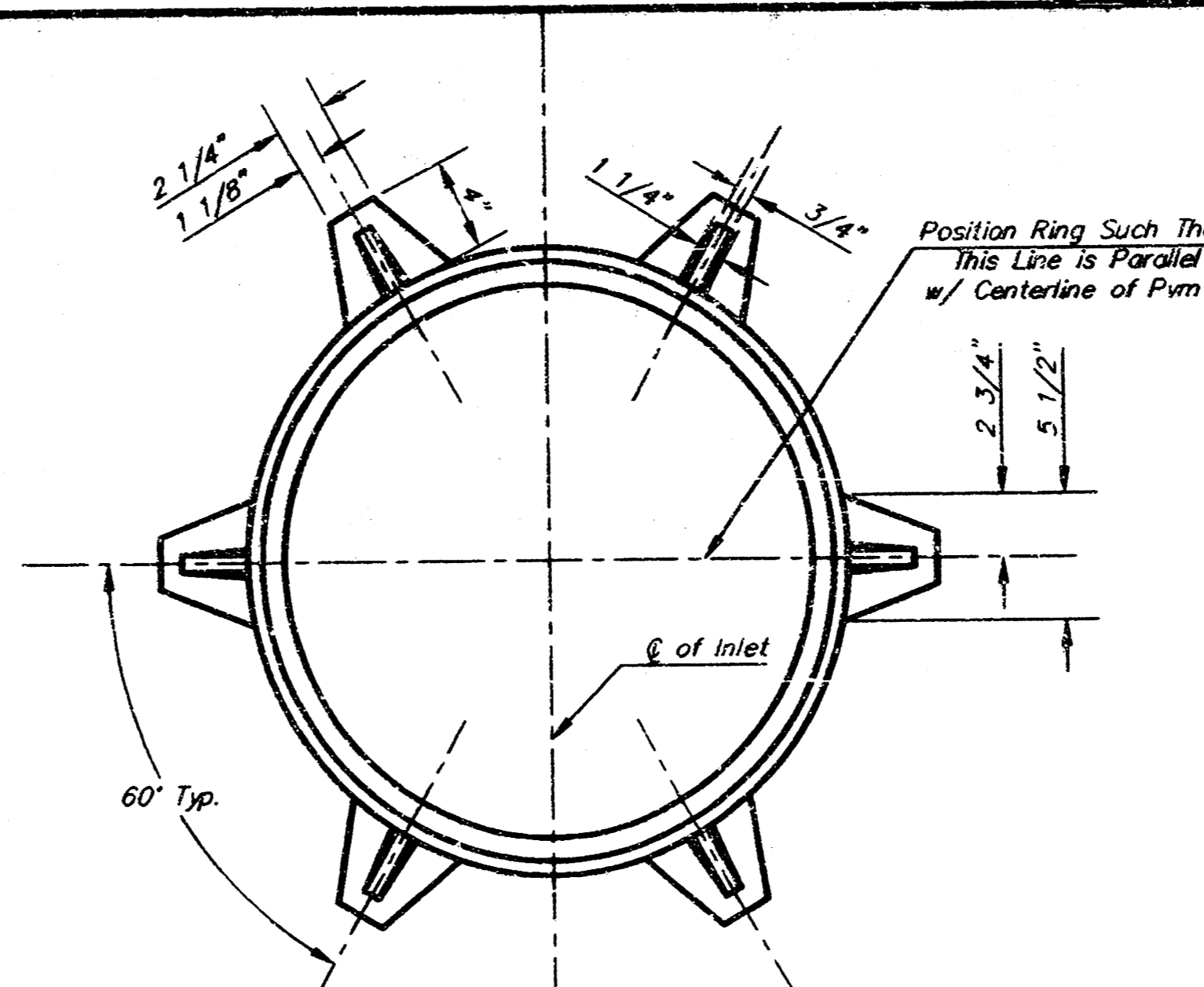
CASE I

Pipe Size to be the Same as Outlet Pipe Size. Flowline Elev. to be Average of Lowest Inflow Pipe Elev. and Outflow Pipe Elev.



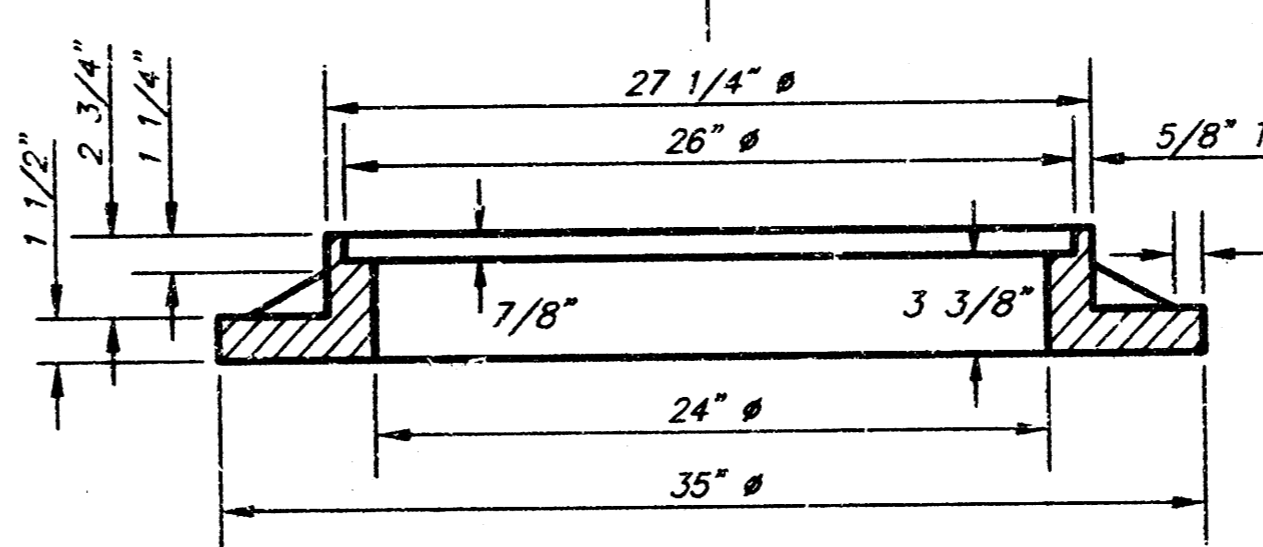
CASE II

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

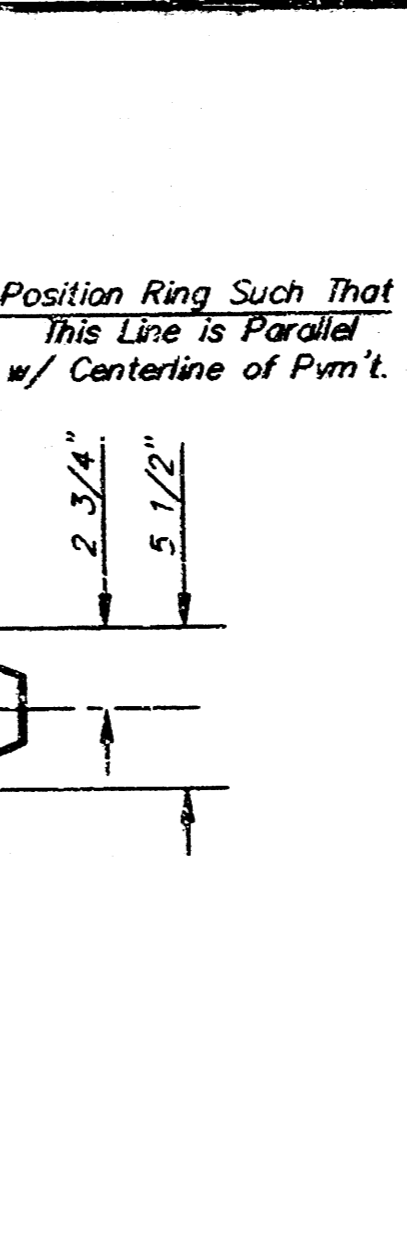


MANHOLE RING AND COVER

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



Inlet Frame Weight = 180 lbs



PRECAST 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" | 13 | 8'-7" | 13 | 10'-7" | 13 | 12'-7" | 13 | 14'-7" |
| a2 | #4 | 4 | 6'-0" | 4 | 8'-0" | 4 | 10'-0" | 4 | 12'-0" | 4 | 14'-0" |
| a3 | #4 | 23 | 4'-1" | 23 | 5'-1" | 23 | 6'-1" | 23 | 7'-1" | 23 | 8'-1" |
| b1 | #4 | 1 | 9'-9" | 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" | 47 | 11'-1" |
| x1 | #4 | 16 | 3'-10" | 16 | 4'-2" | 16 | 4'-6" | 16 | 4'-10" | 16 | 5'-2" |

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 |
| 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 | 52 | 2 | 56 | 2 | 60 | 2 | 64 | 2 | 68 | 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 | CUL. YD. CONC. |
|-------|-------------------------|---------------|----------------|
| 4'-4" | 3'-8" x 11'-4" x 7 1/2" | 21" & SMALLER | 0.83± |
| 5'-4" | 4'-8" x 11'-4" x 7 1/2" | 24" & 30" | 1.08± |
| 6'-4" | 5'-8" x 11'-4" x 7 1/2" | 36" & 42" | 1.35± |
| 7'-4" | 6'-0" x 11'-4" x 7 1/2" | 48" & 54" | 1.61± |
| 8'-4" | 7'-8" x 11'-4" x 7 1/2" | 60" & 66" | 1.87± |

BENDING DIAGRAM

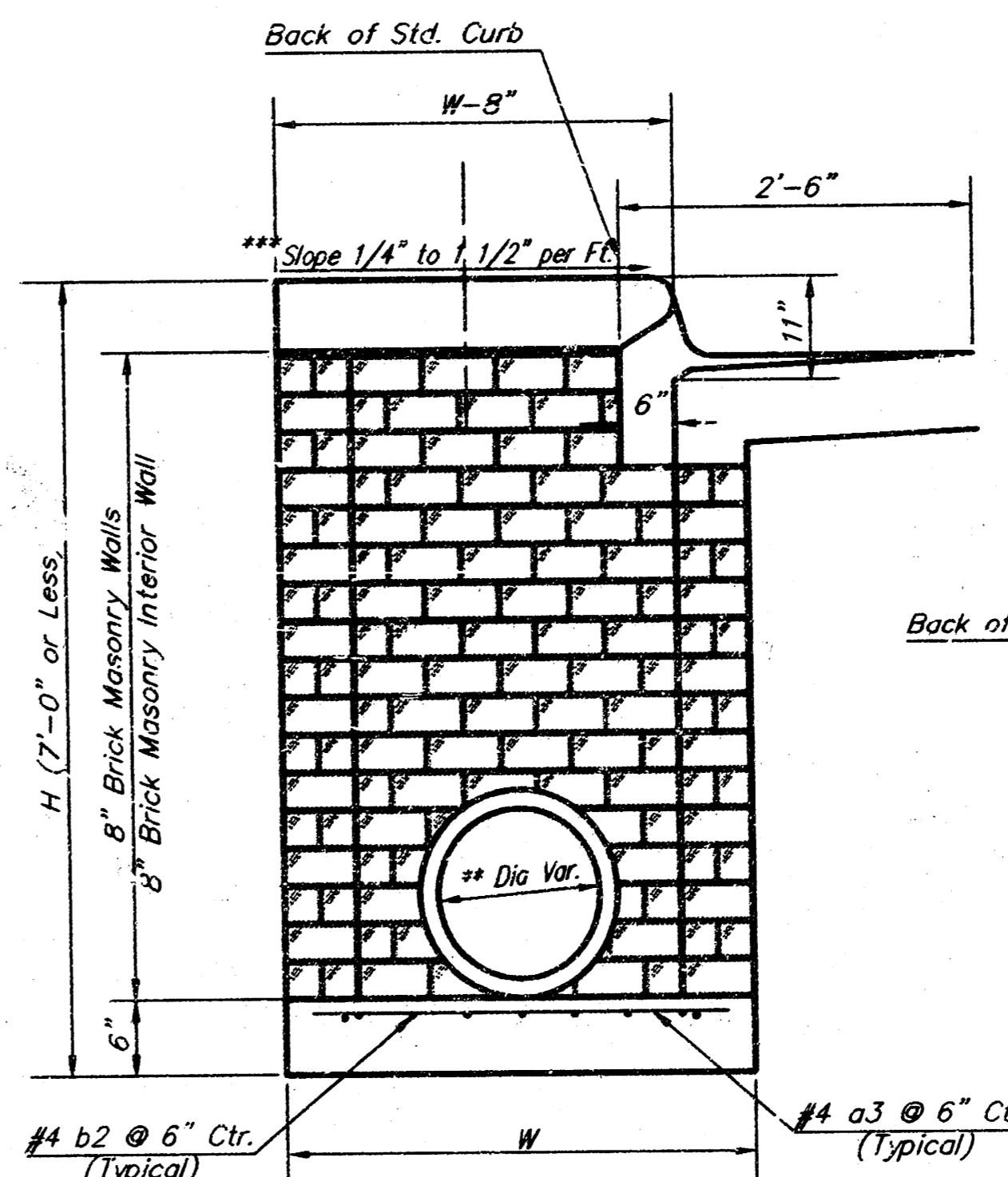
GENERAL NOTES:

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.

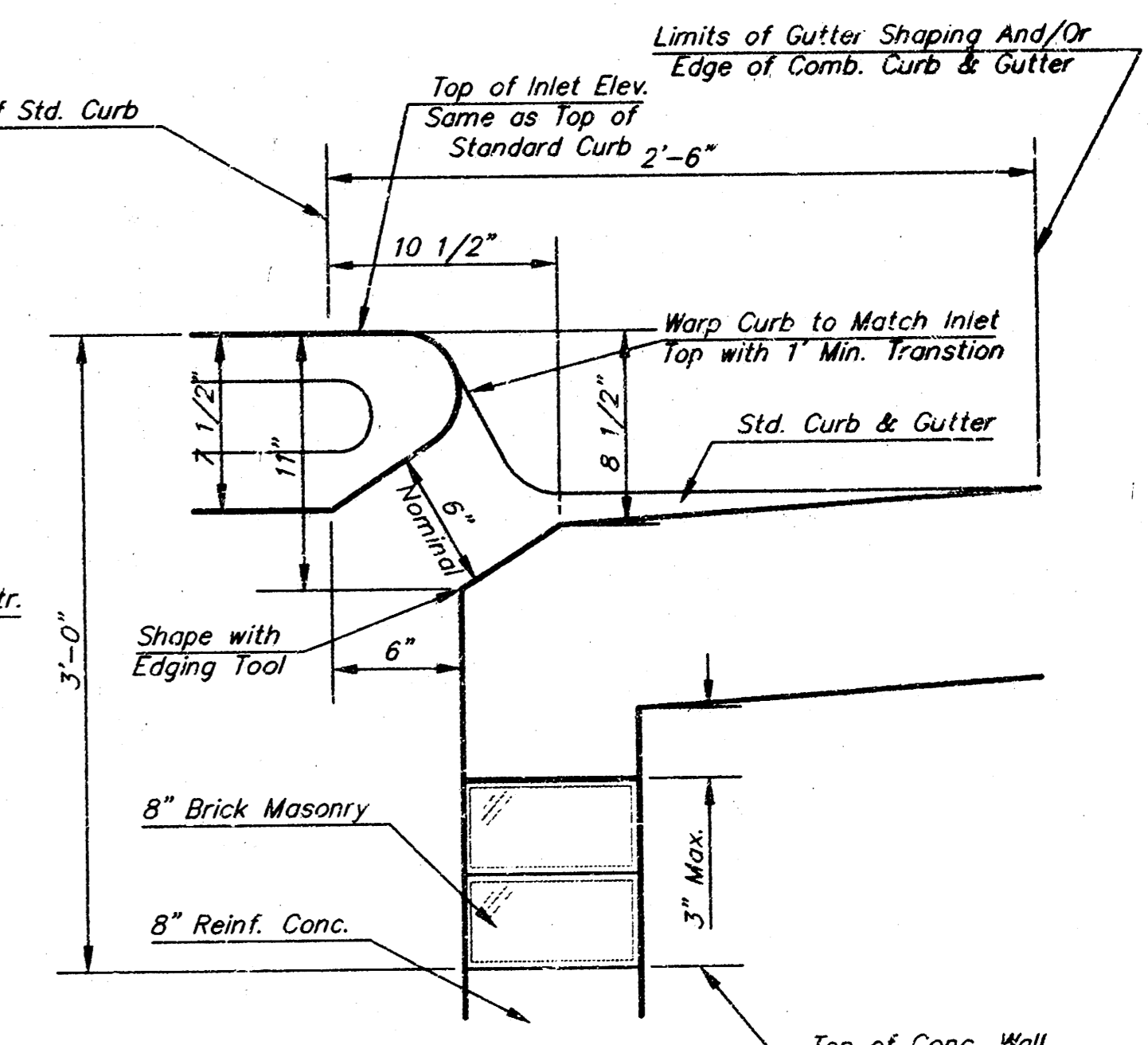
The ends of all pipes installed in inlets shall be cut off flush with the inside face of the inlet wall.

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

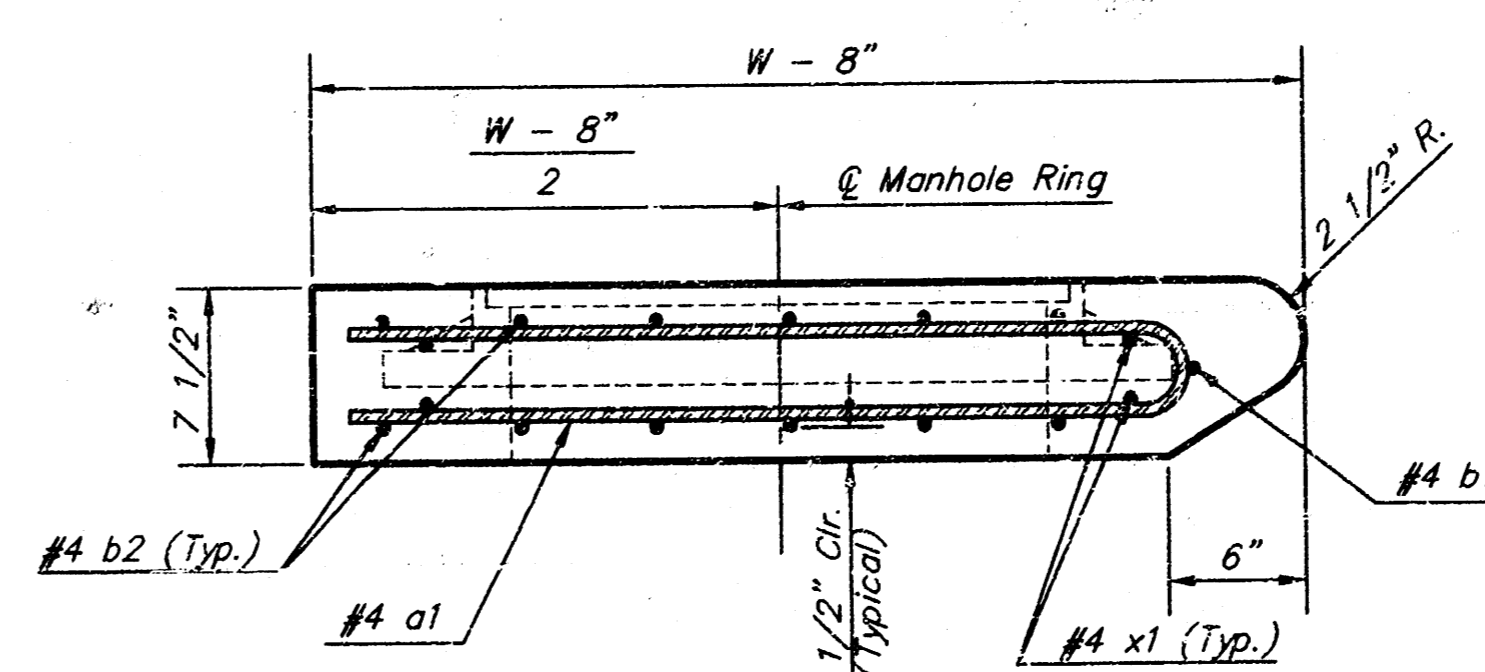


TYPICAL INLET SECTION AT CENTER WALL (MASONRY WALLS)

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 C-C



SECTION A-A

THE CITY OF WICHITA

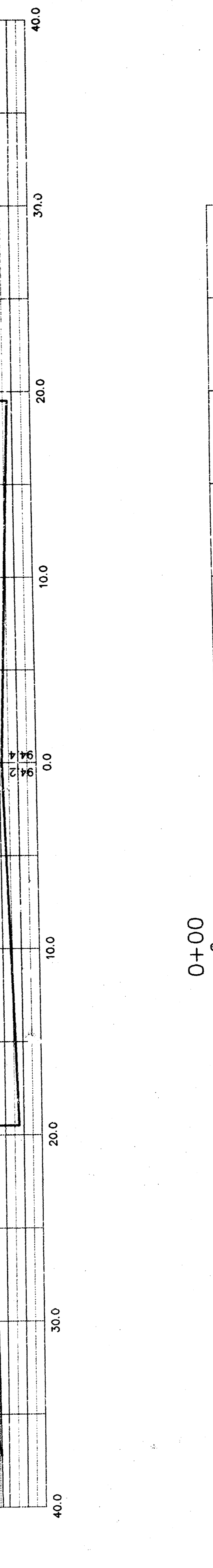
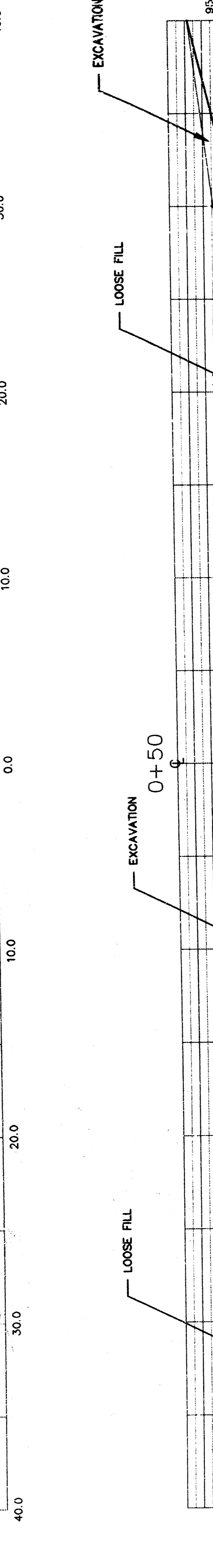
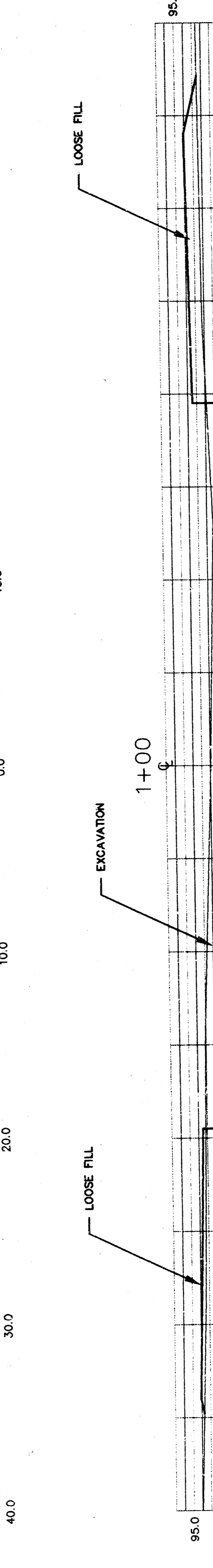
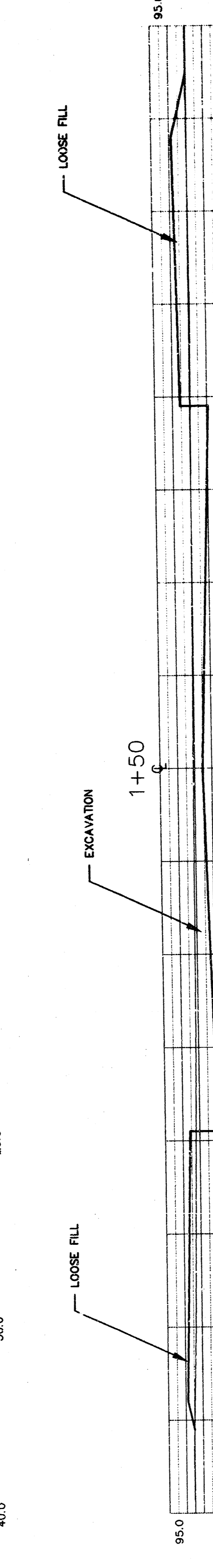
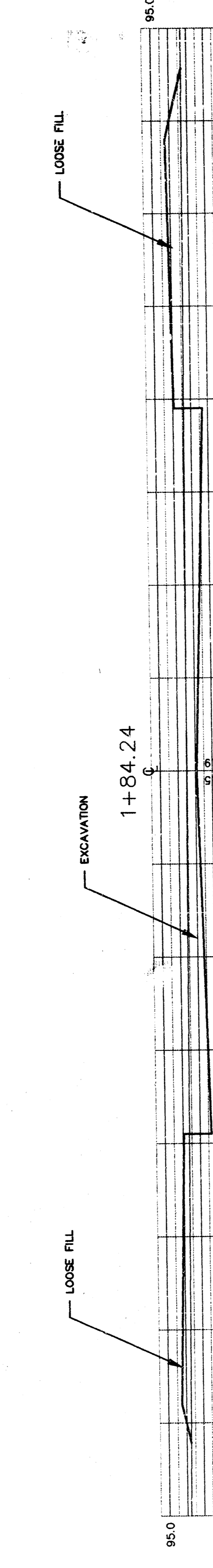
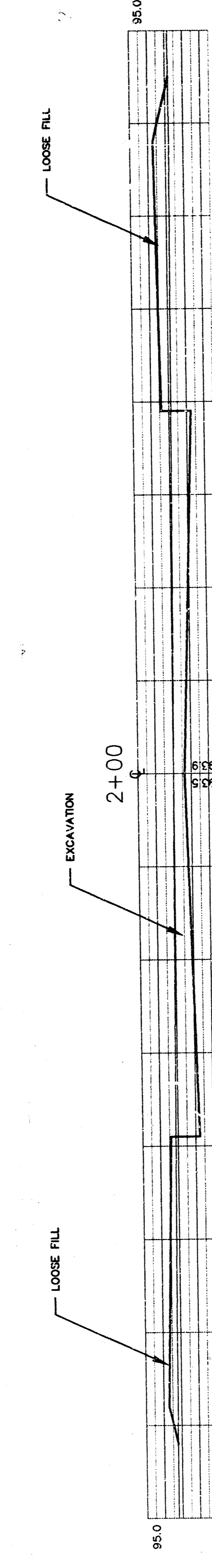
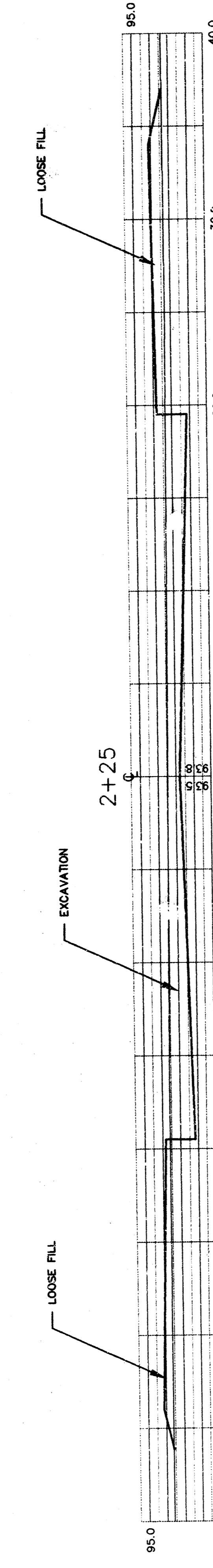
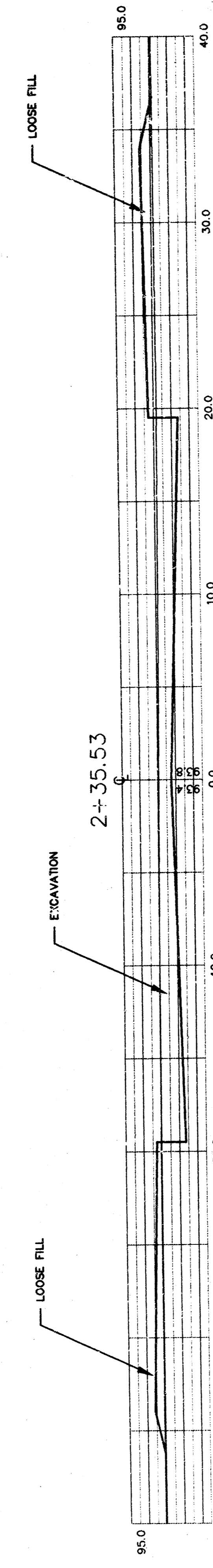
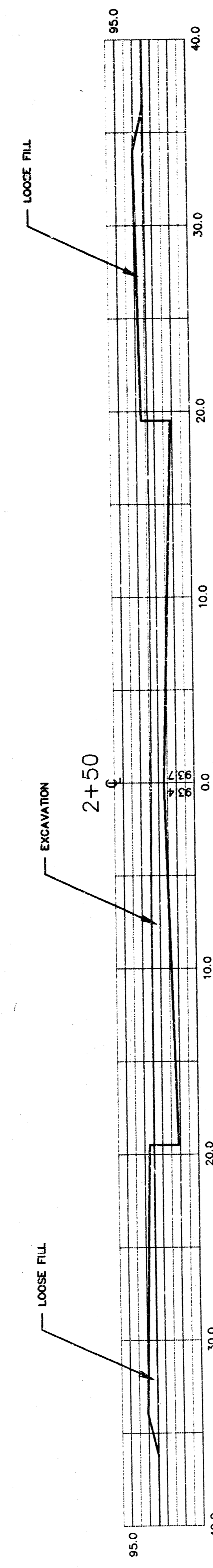
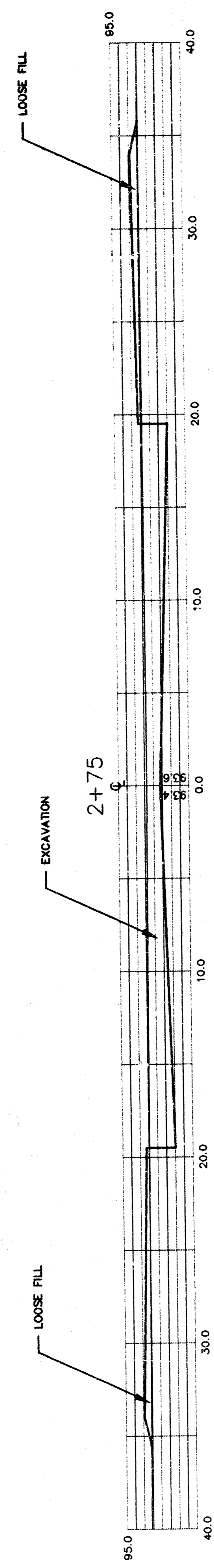
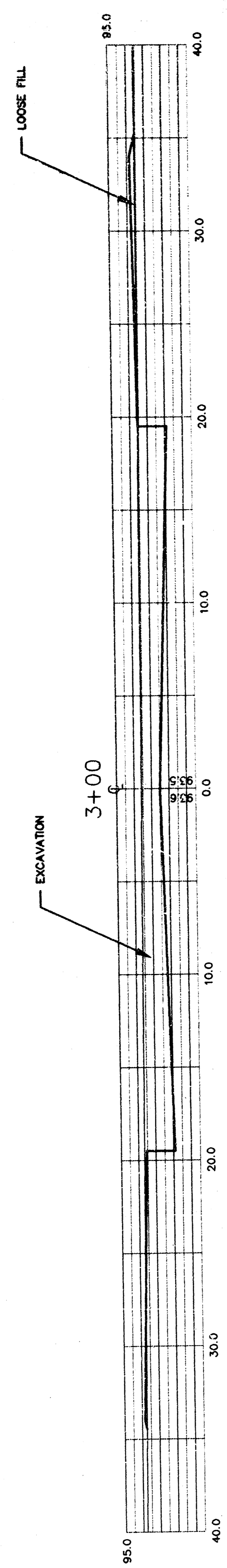
STANDARD TYPE 1 CURB INLET OPENING = 6"x10'-0"

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

CITY ENGINEER'S OFFICE
 CITY HALL - SEVENTH FLOOR
 425 NORTH MAIN STREET
 WICHITA, KANSAS 67202
 (316) 268-2901
 (316) 268-4114 FAX

PROJECT NUMBER: 116-PPP
 INDEX CODE: 607879

DATE: MAR 96
 SHEET 5 OF 9

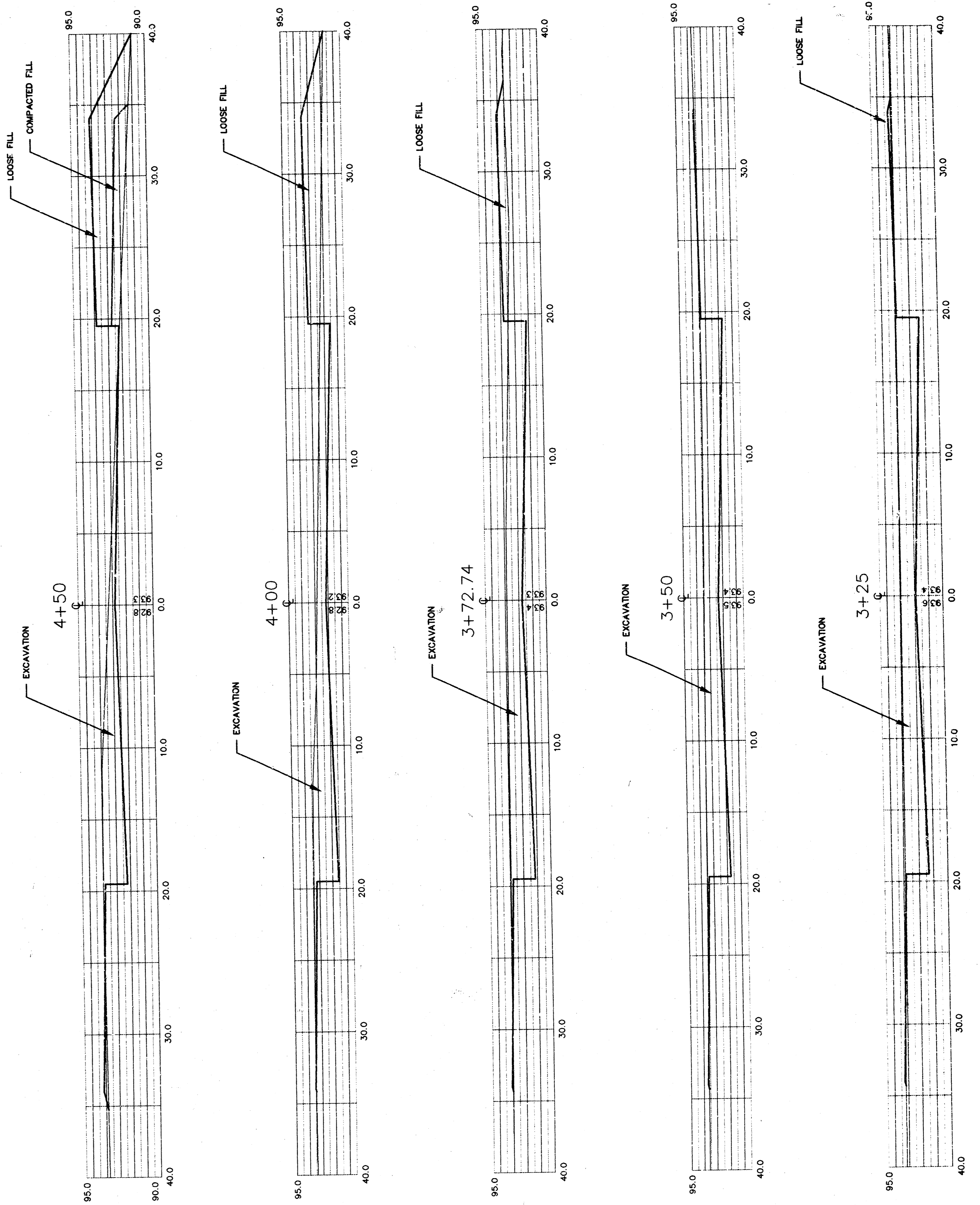


**44th STREET SOUTH
EARTHWORK CROSS SECTIONS
WICHITA, KANSAS**

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

SHEET
7
OF
9

| STATION | AREAS | | VOLUMES | | CUMULATIVE VOLUMES | |
|---------|-------|-------|---------|-------|--------------------|--------|
| | CUT | FILL | CUT | FILL | CUT | FILL |
| 0+00 | 0.00 | 0.00 | | | | |
| 0+50 | 41.93 | 12.53 | 38.82 | 11.90 | 38.82 | 11.60 |
| 1+00 | 25.76 | 15.48 | 62.67 | 25.93 | 101.49 | 37.53 |
| 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.feist.com/~srb | 316-264-8008 FAX 264-4621 E-mail: srb@feist.com |
| | SAVOY, RUGGLES & BOHM, P. A. ENGINEERING & SURVEYING | |
| PROJECT NUMBER 116-PPP (807879) | | |
| DESIGN JDS | DRAWN JDS | REVIEW DATE Oct. 4, 1998 |

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OF
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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 _____

Mark A. Savoy RLS #788 Surveyor

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

Richard E. Lopez Chairman

Marvin S. Krout Secretary

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

Bob Knight Mayor

Pat Burnett City Clerk

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

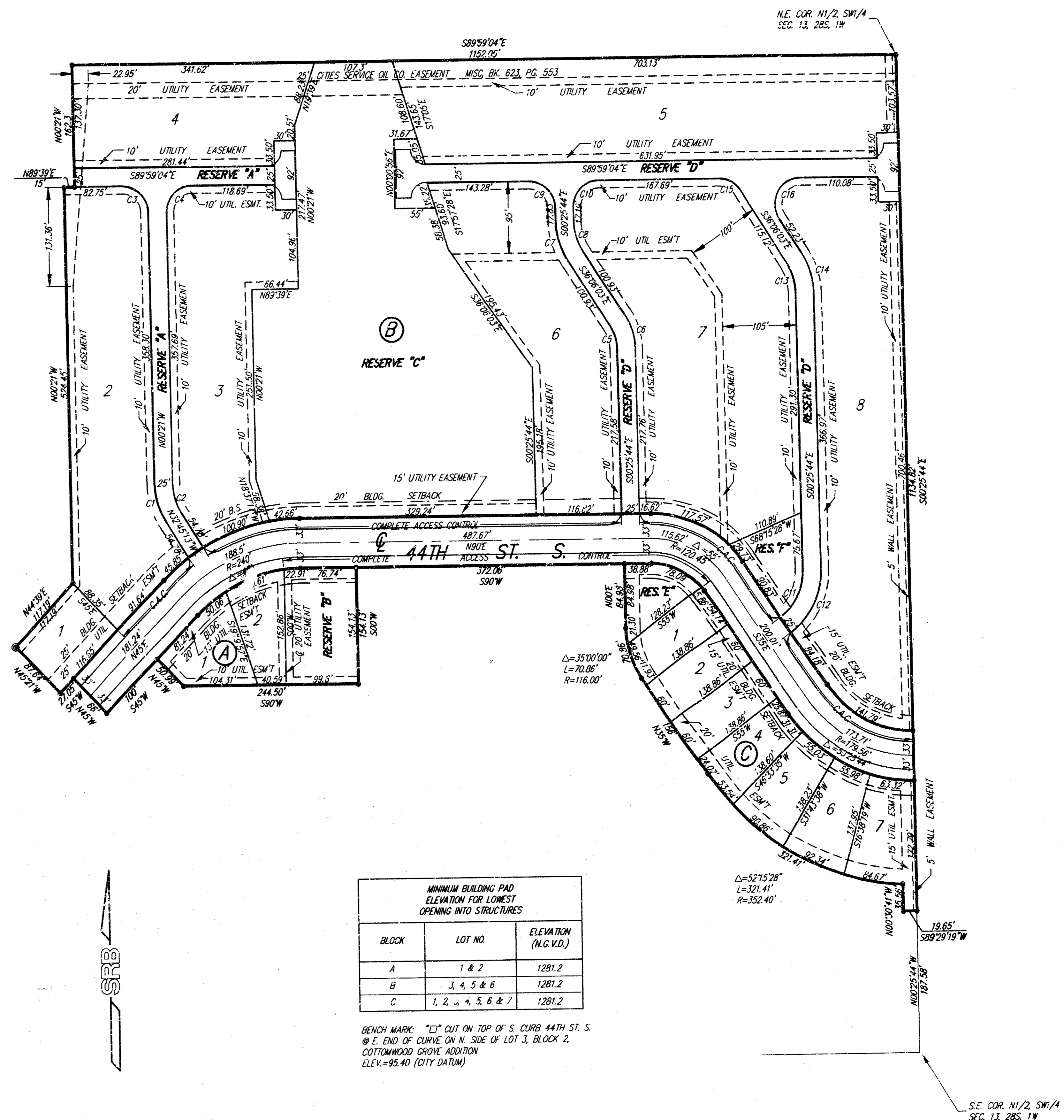
James Alford County Clerk

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.

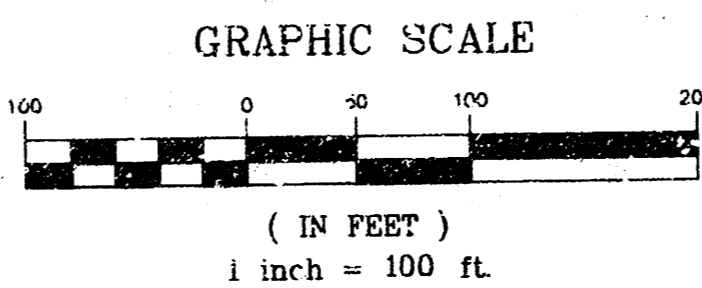
Bill Meek Register of Deeds

Linda Kizzire Deputy



| BLOCK | LOT NO. | ELEVATION (N.G.V.D.) |
|-------|-------------------|----------------------|
| A | 1 & 2 | 1281.2 |
| B | 3, 4, 5 & 6 | 1281.2 |
| C | 1, 2, 4, 5, 6 & 7 | 1281.2 |

BENCHMARK: "CS" 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)



C.A.C. = COMPLETE ACCESS CONTROL

- = 1/2" REBAR W/GRB CAP (SET)
- = 1/2" IRON PIPE (FOUND)
- ⊙ = 3/4" IRON PIPE (FOUND)
- = 1/2" REBAR W/CAP (FOUND)

| REF. | LEN | RAD | DELTA | TAN |
|------|--------|---------|------------|--------|
| C1 | 56.55' | 100' | 32°24'13" | 29.06' |
| C2 | 42.42' | 75' | 32°24'13" | 21.79' |
| C3 | 54.75' | 35' | 89°38'04" | 34.78' |
| C4 | 55.20' | 35' | 90°21'56" | 35.22' |
| C5 | 34.62' | 60' | 33°03'41" | 17.81' |
| C6 | 49.05' | 85' | 33°03'41" | 25.23' |
| C7 | 58.48' | 100' | 33°30'20" | 30.10' |
| C8 | 41.86' | 75' | 33°30'20" | 22.58' |
| C9 | 54.71' | 35' | 89°33'21" | 34.73' |
| C10 | 55.25' | 35' | 90°26'39" | 35.27' |
| C11 | 72.89' | 75.44' | 55°25'44" | 39.63' |
| C12 | 97.17' | 100.44' | 55°25'44" | 52.77' |
| C13 | 43.28' | 75' | 33°03'41" | 22.26' |
| C14 | 57.70' | 100' | 33°03'41" | 29.68' |
| C15 | 34.51' | 35' | 56°29'40" | 18.80' |
| C16 | 25.45' | 35' | 123°30'20" | 65.15' |

COTTONWOOD GROVE 3RD ADDITION FINAL PLAT WICHITA, KANSAS

SRB 924 NORTH MAIN WICHITA, KANSAS 67203 http://www.fairit.com/~srb 316-264-8008 FAX 264-4621 E-mcl: srbr@at.com

SAVOY, RUGGLES & BOHM, P.A. ENGINEERING & SURVEYING

PROJECT NUMBER: 116-PPP (607879)

DESIGN: JDS DRAWN: JDS UTILITY: REVIEW: DATE: Oct. 4, 1998 REVISED:

SHEET 9 OF 9

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