

CITY OF WICHITA, KANSAS

STREET IMPROVEMENTS

INDEX:

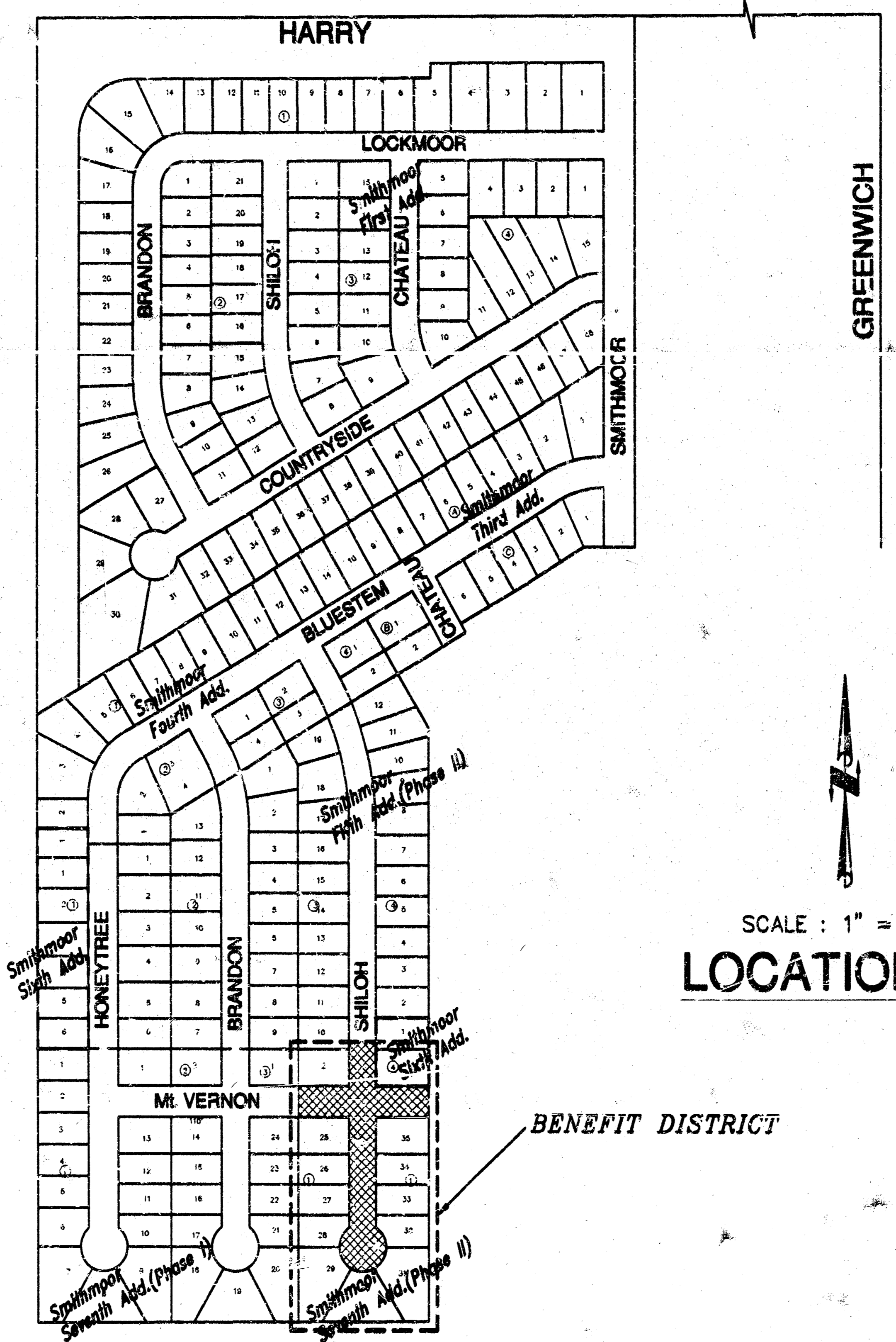
SHEET 1	TITLE SHEET
SHEET 2	PLAT
SHEET 3-4	TYPICAL PAVING SECTIONS
SHEET 5-6	PLAN SHEET
SHEET 7	INTERSECTION DETAILS
SHEET 8	SID. VALLEY GUTTER DETAIL
SHEET 9	SIGNING DETAILS
SHEET 10-11	CROSS-SECTIONS

SHILOH FROM THE NORTH LINE OF SMITHMOOR SEVENTH ADDITION, SOUTH TO AND INCLUDING CUL-DE-SAC
 MT. VERNON, FROM THE WEST LINE OF LOT 2, BLK. 3 SMITHMOOR SEVENTH ADDITION
 TO THE EAST LINE OF LOT 1, BLK. 4, SMITHMOOR SEVENTH ADDITION

PROJECT NO.: 472-82860
 INDEX CODE: 764993

GENERAL NOTES:

- UTILITY SERVICE LINES, POLES, VALVE BOXES, METERS AND ETC. 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.
- THE CONTRACTOR SHALL PROVIDE A MINIMUM OF FORTY-EIGHT (48) HOURS ADVANCE NOTICE TO ALL UTILITY OWNERS PRIOR TO WORK IN ANY AREA WHERE EXISTING UTILITIES WILL BE UNCOVERED TO ALLOW THE UTILITY OWNER TO INSPECT THE UNCOVERING OF THEIR UTILITY. ANY UTILITY CARELESSLY DAMAGED BY HIS CONSTRUCTION OPERATION SHALL BE REPAIRED OR REPLACED AT NO EXTRA COST TO THE CITY. THE CONTRACTOR SHALL COORDINATE WITH CONTRACTORS FOR UTILITY COMPANIES AND OTHER AGENCIES FOR MINIMUM INCONVENIENCE TO GENERAL PUBLIC.
- CONTRACTOR SHALL AVOID UNCOVERING EXISTING WATERLINES UNLESS ABSOLUTELY NECESSARY. UNCOVERING SHALL BE DONE ONLY IN THE PRESENCE OF A TOWN DEPARTMENT ENGINEER.
- ALL ADJACENT BUILDINGS, STRUCTURES, PAVING LOTS, DRIVES, STREET PAVEMENTS, UTILITY LINES UTILITY STRUCTURES AND APPURTENANCES OTHER THAN SHOWN FOR REPLACEMENT SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION OF THE PROJECT. ITEMS DAMAGED BEYOND THE LIMITS SHOWN SHOWN ON THE DRAWINGS SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- 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. SAVED JOINTS TO FACILITATE REMOVAL WITHIN THREE (3) FEET OF EXISTING JOINT WILL NOT BE PERMITTED AND FOR SUCH REPAIRS THE LIMITS OF REMOVAL SHALL EXTEND TO EXISTING JOINT. SUCH SAW CUTS WILL NOT BE PAID FOR DIRECTLY AND THIS COST SHALL BE CONSIDERED SUBSIDIARY TO THE REMOVAL OF THE SURFACE OR PAVEMENT.
- MISCELLANEOUS STRUCTURES AND EXCAVATION WHICH IS TO BE WASTED SHALL BE DISPOSED OF ON SITE TO BE PROVIDED BY THE CONTRACTOR. THESE SITES SHALL BE APPROVED BY THE ENGINEER AS TO SUSTAINABILITY, APPEARANCE AND SITE LOCATION. LOCATIONS THAT, IN THE OPINION OF THE ENGINEER LEAVE AN URSUBSTANTIAL 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 NEARLIES 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.
- TREES AND SHRUBS IN PUBLIC RIGHT-OF-WAY WHICH ARE IN STRIP CONFLICT WITH PROPOSED NEW CONSTRUCTION SHALL BE REMOVED. THE CONTRACTOR WITH ENGINEER'S APPROVAL, TREES AND SHRUBS WHICH ARE NOT IN DIRECT CONTACT WITH PROPOSED NEW CONSTRUCTION SHALL BE SAVED AND PROTECTED FROM DAMAGE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY MARKS SHOWN ON THE PLANS. THE CONTRACTOR WILL BE REQUIRED TO RE-ESTABLISH ANY SHOWN PROPERTY MARKS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH MARKS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR IN ACCORDANCE WITH STATE LAW. THIS WORK SHALL BE SUBSIDIARY TO OTHER ITEMS IN CONTRACT.
- ALL SALVAGEABLE DRAINAGE PIPES, HANHOLE IRONS AND COVERS AND INLET GRATES SHALL BE CAREFULLY REMOVED AND STOCKPILED AT LOCATIONS WITHIN THE RIGHT-OF-WAY, AS DIRECTED BY THE ENGINEER FOR REMOVAL BY CITY PERSONNEL.
- THE CONTRACTOR WILL BE REQUIRED TO PROVIDE A MINIMUM ADVANCE NOTICE OF FORTY-EIGHT (48) HOURS TO EACH OF THE FOLLOWING UTILITIES PRIOR TO THE BEGINNING OF CONSTRUCTION AND REQUEST THAT ANY EXISTING LINES BE FLAGGED:
 ARKLA GAS CO. 1630 S. BAKER WICHITA, KANSAS 67209 JERRY WATSONS 316-266-5280
 KANSAS GAS & ELECTRIC CO. BOX 298 WICHITA, KANSAS 67201 DON MORGAN 316-261-6285
 WICHITA WATER DEPARTMENT 8TH FLOOR - CITY HALL 465 N. MAIN STREET WICHITA, KANSAS 67202 CHUCK STEVENS 316-266-4565
 KANSAS ONE CALL 1-800-344-4210
 SOUTHWESTERN BELL TELEPHONE CO. 104 S. BROADWAY WICHITA, KANSAS 67202 GREG SHARP 316-266-2245
 WICHITA SEWER MAINTENANCE DIVISION WATER & WATER POLLUTION CONTROL DEPT. 8TH FLOOR - CITY HALL 465 N. MAIN STREET WICHITA, KANSAS 67202 SUEAN TURNER 316-266-4250
 MULTIMEDIA CABLEVISION 701 EAST DOUGLAS WICHITA, KANSAS 67202 DON SHUE 316-266-4270
 DIG SAFE 687-2470
- CONTRACTOR SHALL GIVE PROPERTY OWNERS ADJUTING 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 SPECIFICATIONS 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 PROPERTY.
- THE CONTRACTOR MUST EXAMINE THE CONSTRUCTION SITE PRIOR TO BIDDING AND BE SATISFIED AS TO THE WORK SHOWN. AFTER ALL BIDS HAVE BEEN RECEIVED, THE CONTRACTOR SHALL NOT ASSERT THAT THERE WAS A MISUNDERSTANDING OF THE QUANTITIES OF WORK OR THE NATURE OF WORK TO BE COMPLETED.
- TEMPORARY SEEDING OF RIGHT-OF-WAY. CONTRACTOR SHALL PREPARE THE AREA WITHIN RIGHT-OF-WAY THAT IS TO RECEIVE TEMPORARY SEEDING IN ACCORDANCE WITH CITY OF WICHITA STANDARD SPECIFICATIONS. CONTRACTOR SHALL APPLY FIVE OUNCE SEED AT A RATE OF 50 POUNDS/ACRE. APPLY MULCH IN ACCORDANCE WITH CITY OF WICHITA REQUIREMENTS.



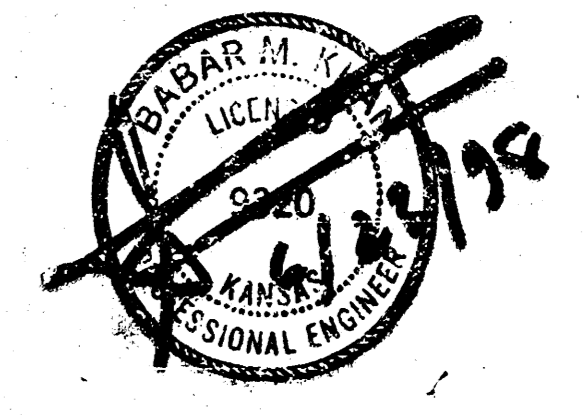
SCALE: 1" = 200'
LOCATION MAP

PROJECT LENGTH:

STREET	LENGTH
SHILOH	404.24
MT. VERNON	278
TOTAL	682.24

BENCH MARKS:

B# 1. S. Rim of MH # 43-13-3, Located at SE corner of Lot 2, Block 4, Smithmoor Fifth Addition Wichita, Sedgewick County, Kansas. Elevation = 177.24



MICHAEL E. LINDEBAK, P.E., CITY ENGINEER

EARTHWORK SUMMARY
 Excavation = 1,278 C.Y.
 Loose Fill = 160 C.Y.
 Excess Excavation material shall be Spread on an area adjacent to & East of Smithmoor 7th Add.

TITLE SHEET

SCALE	APPROVED	DRAWN BY: S.A.
DATE		CHECKED: B.K.
PROJECT NO.		SHEET NO.: 1 OF 11
SP-31 (MUNICIPAL)		

MUNICIPAL ENGINEERS
 264-LAURA, SUITE 201
 WICHITA, KANSAS 67211
 316-262-3542

LIBRARY COPY
SEDRICK COUNTY, KANSAS
REGISTER OF DEEDS
LARRY CONGLYER

This Plat of "Smithmoor Seventh Addition" has been submitted to and approved by
The Wichita-Sedgwick County Metropolitan Area Planning Commission, Wichita, Kansas.

Dated 28th day of August, 1997.

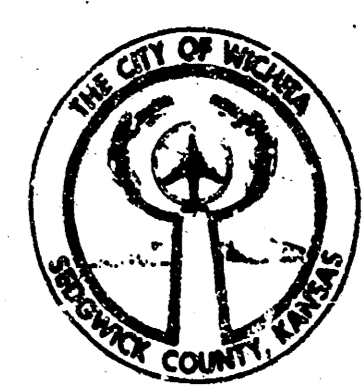
John C. Inger Chairman
John C. Inger
Marvin Krout Secretary



Consent is hereby given for the formation of Sanitary Sewer District within the
boundary of this plat by the Board of Sedgwick County Commissioners, if
deem necessary to provide sanitary sewer service to this area.

This plat approved and all dedications, shown hereon if any, accepted by the
City Council of City of Wichita, Kansas, This 11th day of September 1997.

Bob Knight Mayor
Pat Burnett City Clerk



Entered on transfer record on this 15th day of October, 1997.

James Alford County Clerk



This is to certify that this instrument was filed for record in the Register of
Deeds office at 4:35 on this 20th day of October, 1997.

Michael Hurtt Register of Deeds
Michael Hurtt Deputy



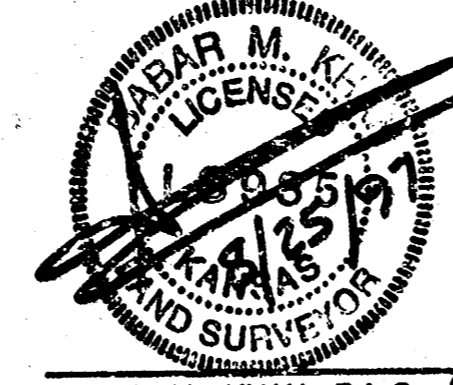
STATE OF KANSAS }
SEDRICK COUNTY } SS

I, Babar M. Khun, a Licensed land surveyor in aforesaid county and state, do
herby certify that I have surveyed and plotted "Smithmoor Seventh Addition to Wichita,
Sedgwick County, Kansas and that the accompanying plat is a true and correct
exhibit of property surveyed, described as follows:

Beginning at the Southwest corner of Smithmoor Fifth Addition to Wichita, Sedgwick
County, Kansas, said point of beginning being on the West line of the Northwest
quarter of Section 33, Township 27 South, Range 2 East of the 6th Principal
Meridian, Sedgwick County, Kansas; Thence South along the West line of said
Northwest quarter, 558.00 feet, more or less to the Southwest corner of said
Northwest quarter; Thence East along the South line of said Northwest quarter,
840.00 feet; Thence North 555.76 feet to the Southeast corner of Smithmoor
Fifth Addition; Thence West along the South line of Smithmoor Fifth Addition,
840.00 feet to the point of beginning.

All easement, right-of-ways, previously granted are hereby vacated in accordance with
K.S.A. 12-512(b), as amended.

This survey was completed on August 20, 1997.



BABAR M. KHUN, R.L.S. / 985

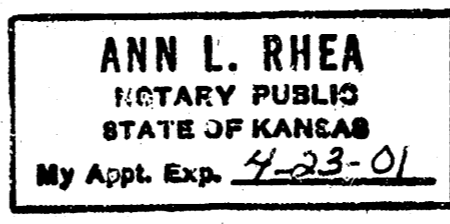
Know all men by these presents, That we, the undersigned owners of the land above set forth
in the Surveyor's certificate, have caused the land to be surveyed and plotted into lots, blocks,
and streets, the same to be known as "Smithmoor Seventh Addition to Wichita, Sedgwick County,
Kansas". Easements as indicated for the construction and maintenance of public utilities are
herby granted. The streets are hereby dedicated to and for the use of the public. The minimum
building pad elevations for Lots 1 through 7, Block 1 are as set forth on this plat.

Ron Smith
Ron Smith, President
Smith & Company, Inc.

STATE OF KANSAS }
SEDRICK COUNTY } SS

This instrument was acknowledged before me on this 25 day of
August, 1997, by Ron Smith as President of Smith & Company.

Ann L. Rhea Notary Public
My Commission Expires: 4-23-01



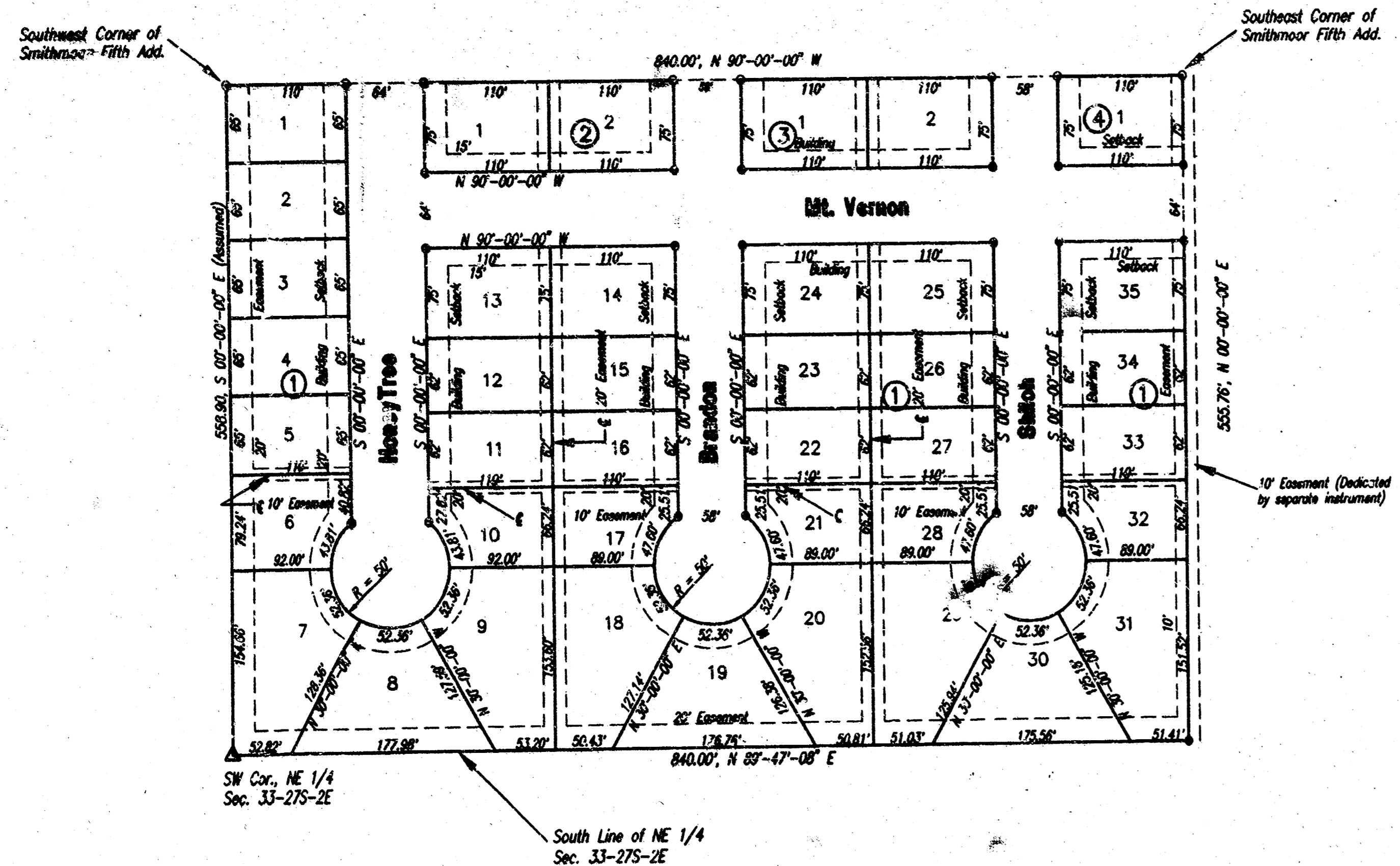
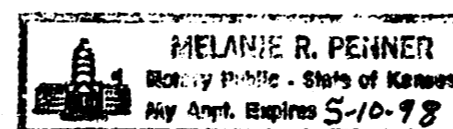
We, Emprise Bank, holder of a mortgage on the above described
property do hereby consent to this Plat "Smithmoor Seventh Addition to Wichita
Sedgwick County, Kansas".

Emprise Bank
Emprise Bank Vice President

STATE OF KANSAS }
SEDRICK COUNTY } SS

This instrument was acknowledged before me on 27 day of August, 1997,
By Eddie D. Winkler as Assistant
Vice President and by _____ as
_____ of Emprise Bank and on behalf of Emprise Bank.

Melanie R. Peinner Notary Public
My Commission Expires: May 10, 1998



SCALE: 1" = 100'

LEGEND:

- 5/8" Rebar Found
- 5/8" Rebar Set
- △ Cont. Corner

MINIMUM PAD ELEVATIONS

Lot 1, Block 1	168.0
Lot 2, Block 1	168.3
Lot 3, Block 1	168.6
Lot 4, Block 1	168.9
Lot 5, Block 1	169.2
Lot 6, Block 1	169.5
Lot 7, Block 1	174.5

Elevations shown are City of Wichita Datum.
BENCH MARK: Top of stake located 5' North and 10' East of Northwest
corner of Lot 1, Block 1, Smithmoor Seventh Addition. Elev. = 167.20

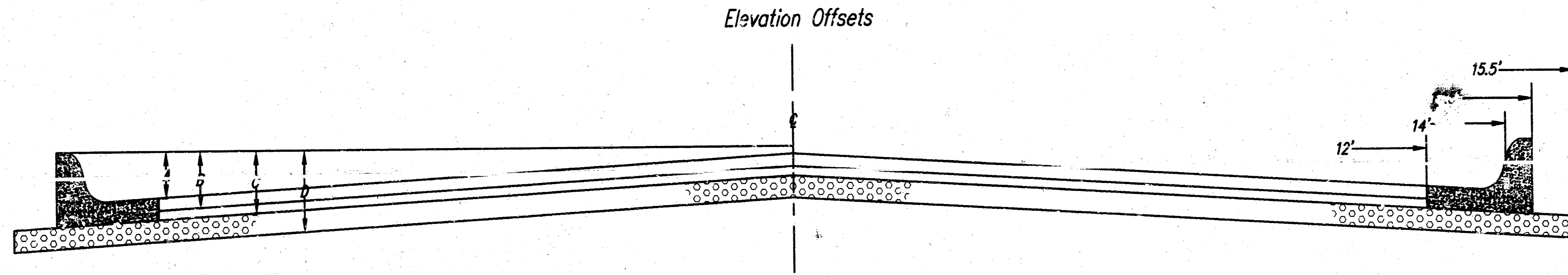
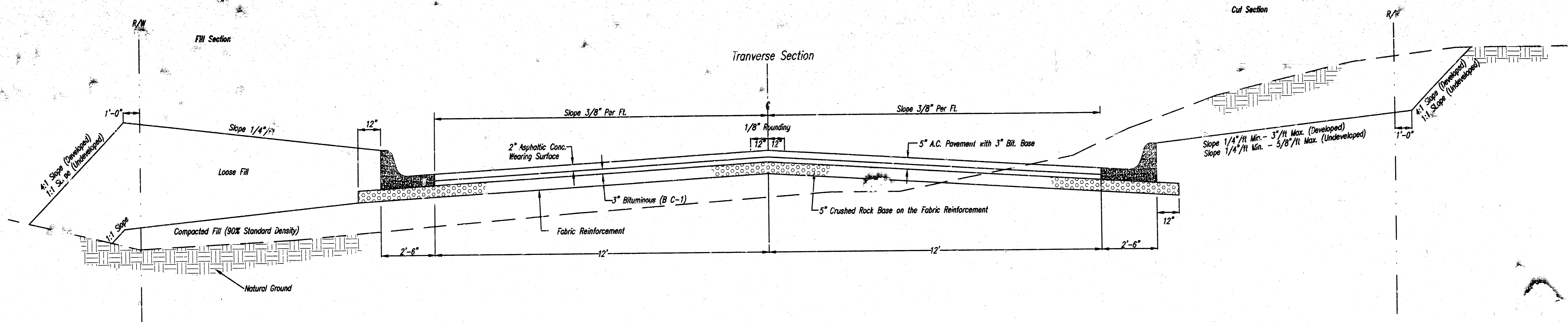
FINAL PLAT SMITHMOOR SEVENTH ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS

#1639613

PROJECT No. 472-82960
ME MUNICIPAL ENGINEERS, P.A.
254-LAURA, SUITE 201
WICHITA, KANSAS 67211
316-262-3842

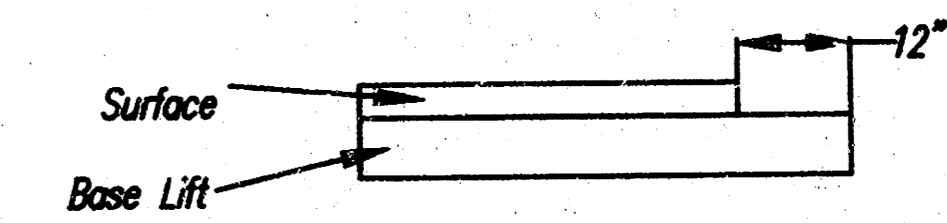
10.02K

TYPICAL 29' PAVEMENT DETAILS



Fabric base reinforcement shall be B x 1100 by Tensor corporation or approved equal. Fabric base reinforcement shall be installed in accordance with manufacturers recommendations. Crushed rock shall be uniformly graded from 1-1/2\"/>

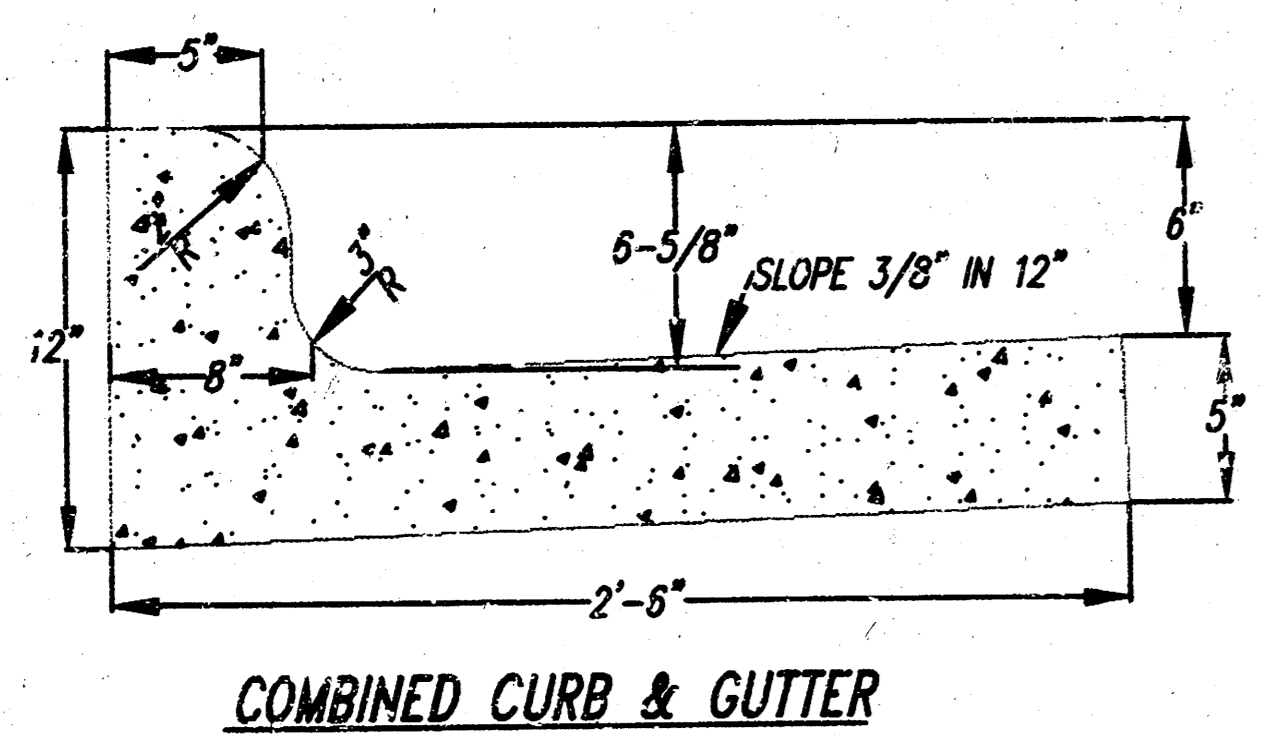
TRANSVERSE CONSTRUCTION JOINTS



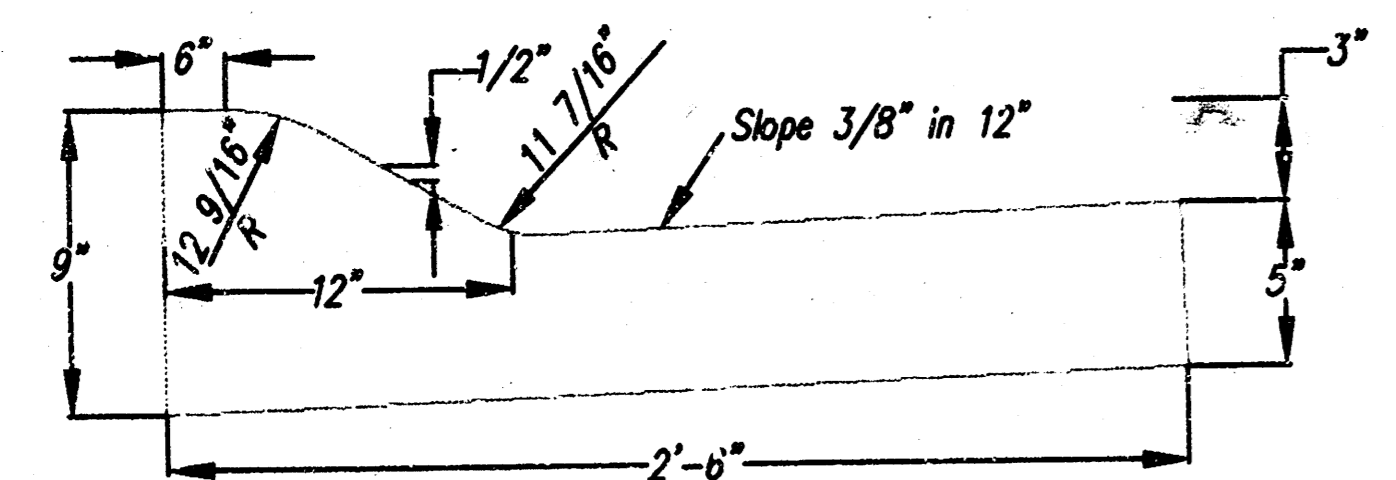
Transverse construction joints shall be constructed in flexible base pavement at locations where pavement joints existing flexible base pavement as shown by the detail. All costs associated with the construction of the transverse joint shall be included in the bid price for square yards 5\"/>

GENERAL NOTES

- 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 kydowm machine having automatic controls for line and grade.
- Construction joint 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.



COMBINED CURB & GUTTER



ROLL TYPE COMBINED CURB & GUTTER

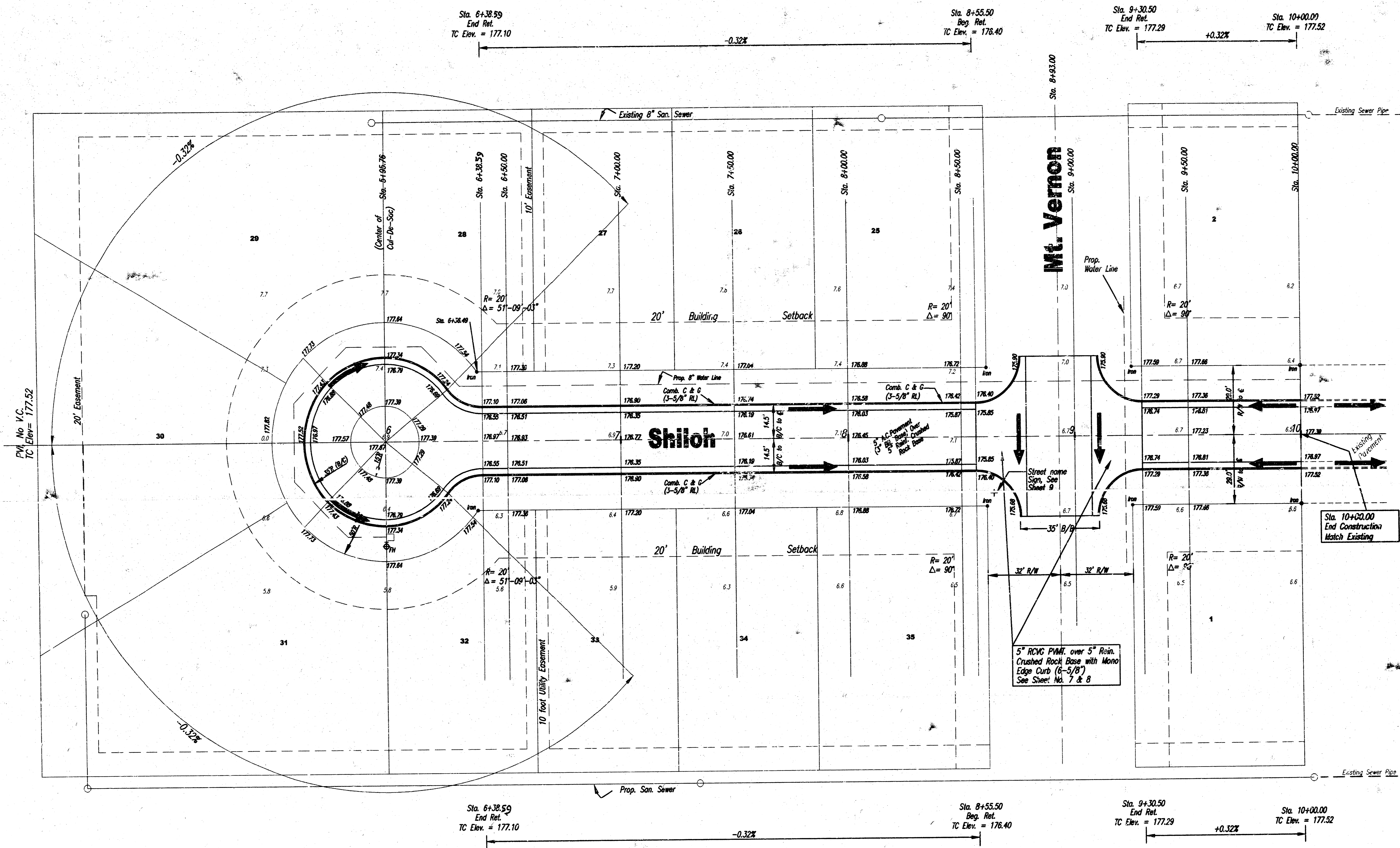
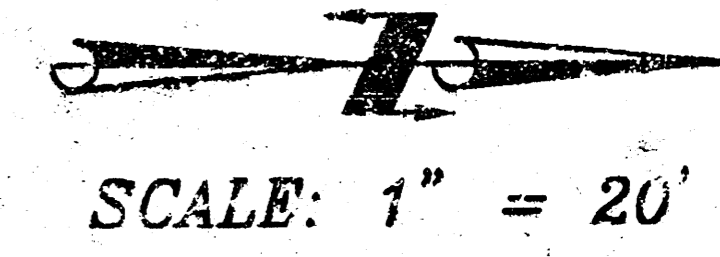
	Distance from centerline (Lt. or Rt.)									
	0'	2'	4'	6'	7'	8'	10'	12'	14'	14.5'
A. Top of curbs to top of surface lift	0.13	0.18	0.24	0.31	0.33	0.36	0.43	0.49	0.49	-
B. Top of curbs to top of base lift	0.30	0.35	0.41	0.47	0.50	0.53	0.60	0.66	0.65	-
C. Top of curbs to top of rock base	0.55	0.60	0.66	0.72	0.75	0.78	0.85	0.91	0.91	1.00
D. Top of curbs to top of subgrade										

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5\"/>

SCALE:	APPROVED:	DRAWN BY:
DATE:	CHECKED:	
PROJECT NO:	472-82860	SHEET NO. 3 OF 11

MUNICIPAL ENGINEERS
 264-LAURA, SUITE 201
 WICHITA, KANSAS 67211
 316-262-3842



NOTES:

1. Install Transition curb from Sta. 8+50.00 to Sta. 8+55.50 and Sta. 9+30.50 to Sta. 9+36.00, to be Paid for as C & G (3-5/8" RL)
2. All Elevations shown are for C & G (6-5/8" & 1-1/2")
3. Warp Crown from full crown @ Sta. 8+00.00 to half crown @ Sta. 8+55.50. Warp crown from half crown to @ Sta. 9+30.50 to full crown @ Sta. 10+00.00

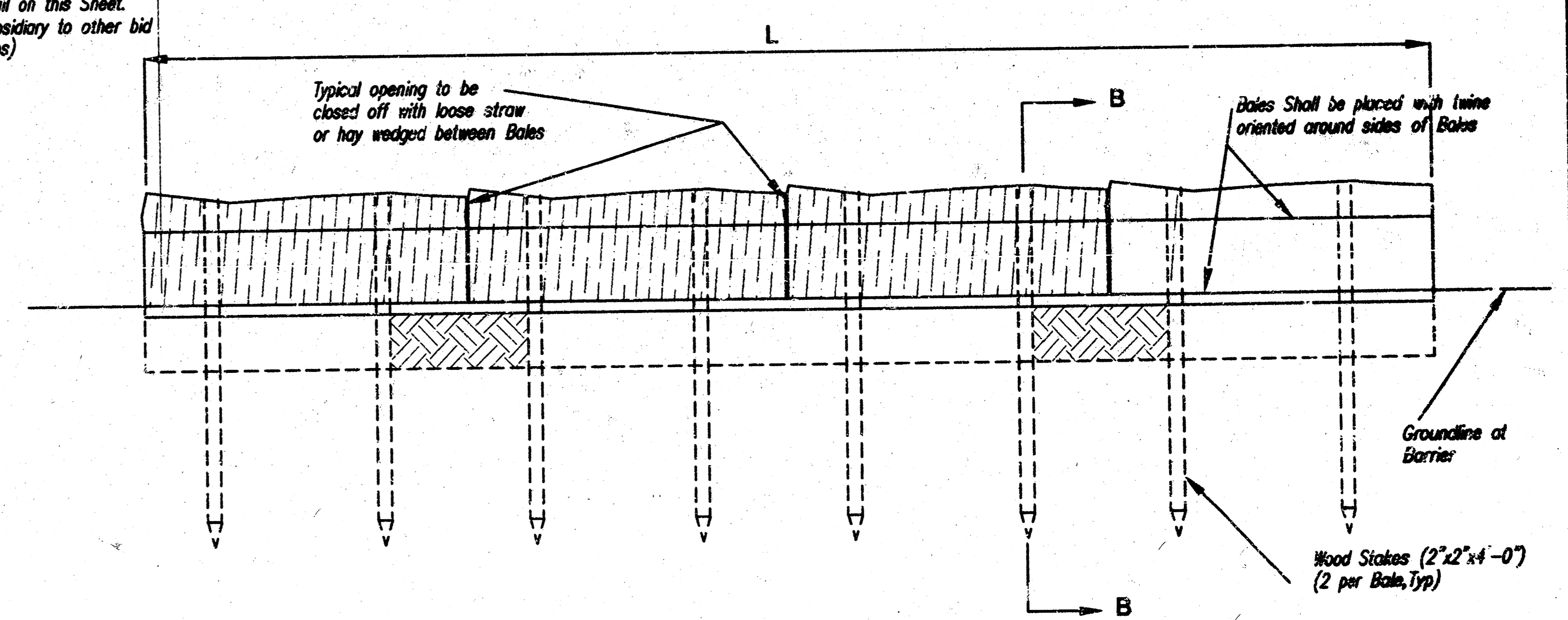
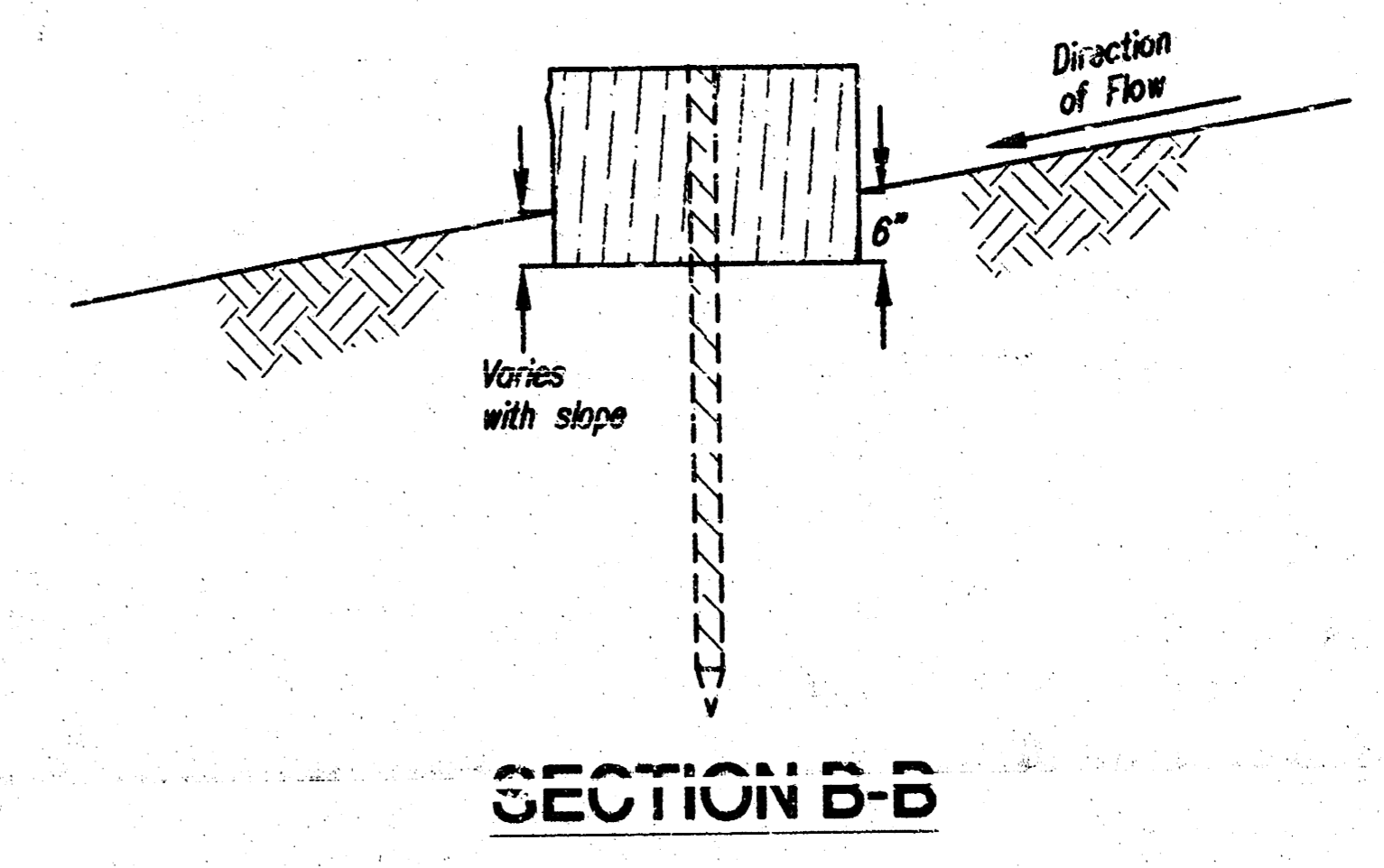
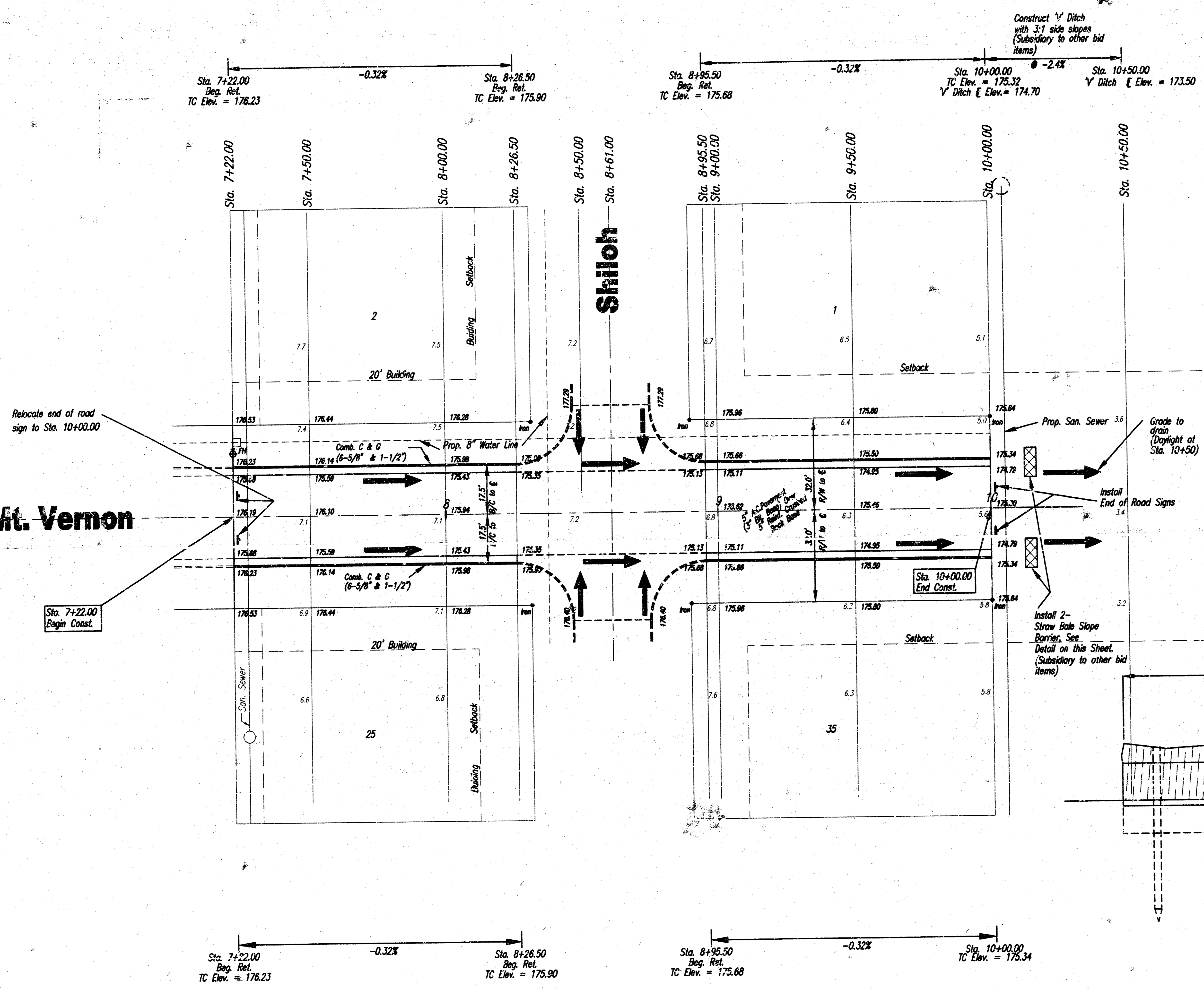
Plan Sheet
Shiloh
Smithmoor Seventh Addition

SCALE:	APPROVED:	DRAWN BY:	CHECKED:
DATE:			SHEET NO.:
PROJECT NO.	472-92860		5 OF 11

MUNICIPAL ENGINEERS
254-1/2RD S.W. SUITE 201
WICHITA, KANSAS 67211
316-262-3842

C:\SCL\WORK\SW711\Drawing\Shiloh.dwg Tue Jun 23 10:24:25 1998

SCALE: 1" = 20'



STRAW BALE SLOPE BARRIER

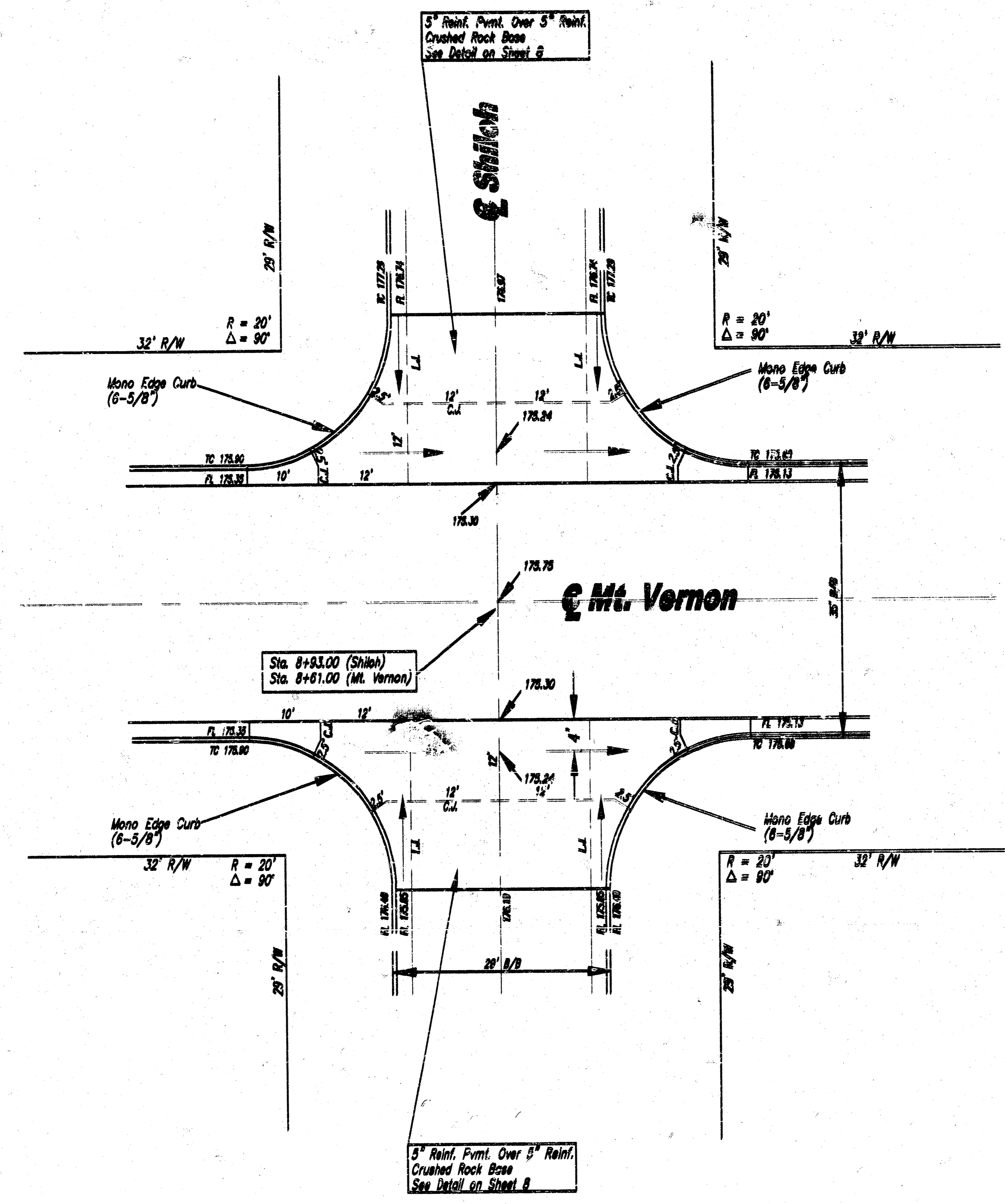
- NOTE:
1. Place bales tightly together with loose straw or hay wedged between bales to close off any opening.
 2. Use any twine to bind bales.
 3. L = 10'
 4. This work is subsidiary to other bid items.

Plan Sheet
Mt. Vernon
Smithmoor Seventh Addition

SCALE:	APPROVED:	BRANN BY:
DATE:		CHECKED:
PROJECT NO. 472-68260		SHEET NO. 6 OF 11

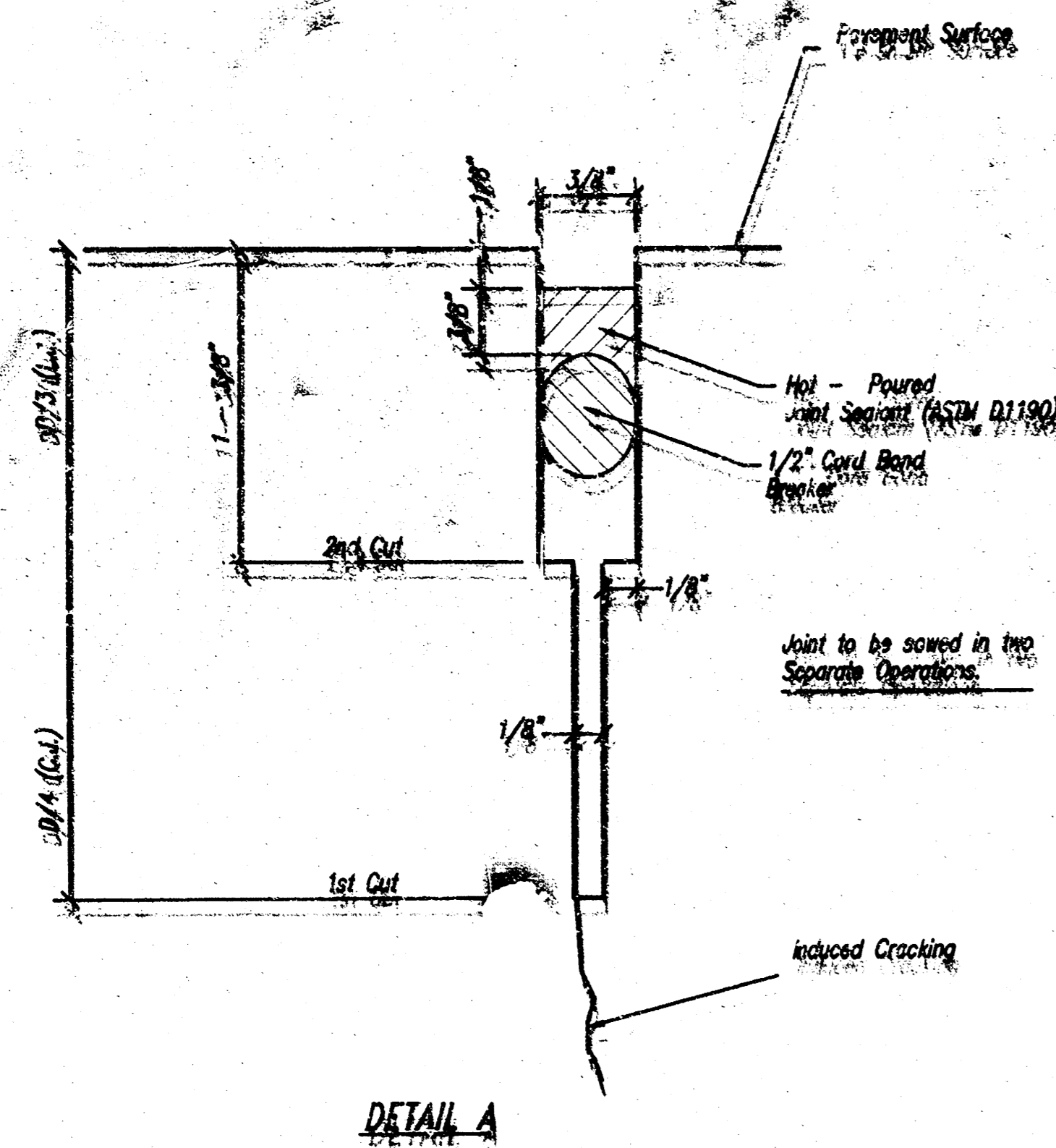
MUNICIPAL ENGINEERS
254-LAURA, SUITE 201
WICHITA, KANSAS 67211
316-262-3842

SCALE: 1" = 10'

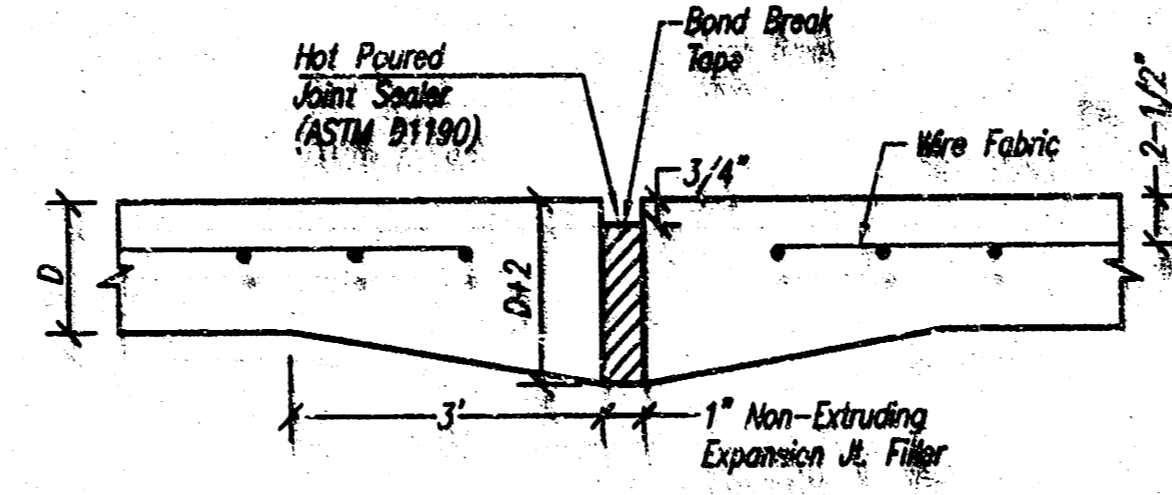


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INTERSECTION DETAILS		
SCALE:	APPROVED:	DRAWN BY:
DATE:	CHECKED:	
PROJECT NO:	478-88868	SHEET NO. / OF 11
MUNICIPAL ENGINEERS		
854-LAURA SUITE 801 WICHITA, KANSAS 67211 313-262-8888		

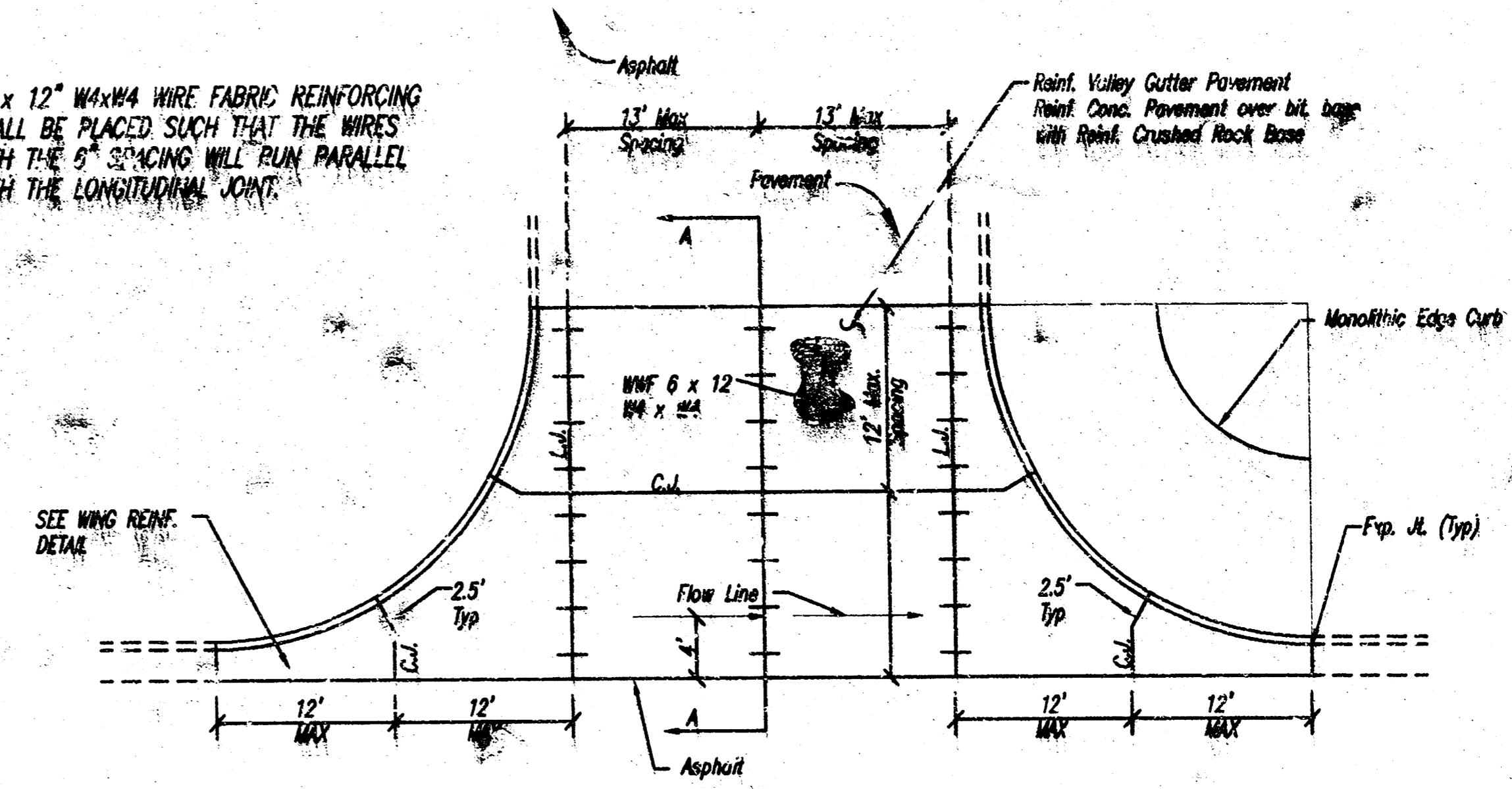


NOTE:
All concrete valley gutter reinforcement shall be adequately supported by bar chairs in the required position unless approved otherwise by the Engineer.

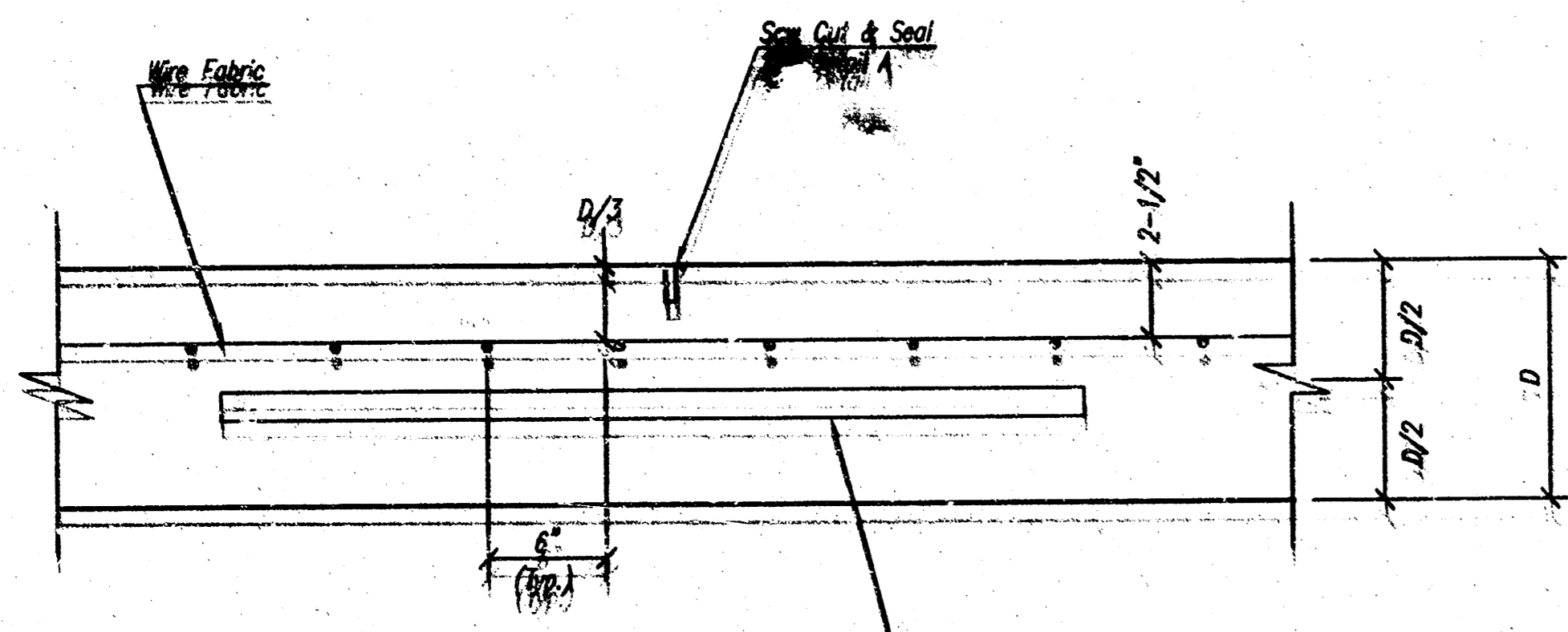


EXPANSION JOINT
Note: Extra thickness to be subsidiary to Price of Sq. Yds. Pavement.

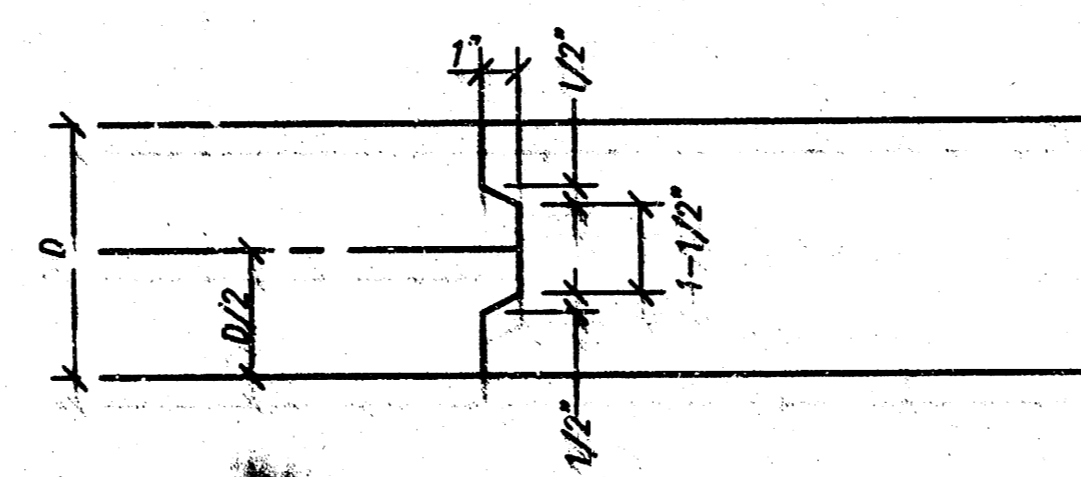
6" x 12" W4xW4 WIRE FABRIC REINFORCING SHALL BE PLACED SUCH THAT THE WIRES WITH THE 5" SPACING WILL RUN PARALLEL WITH THE LONGITUDINAL JOINT.



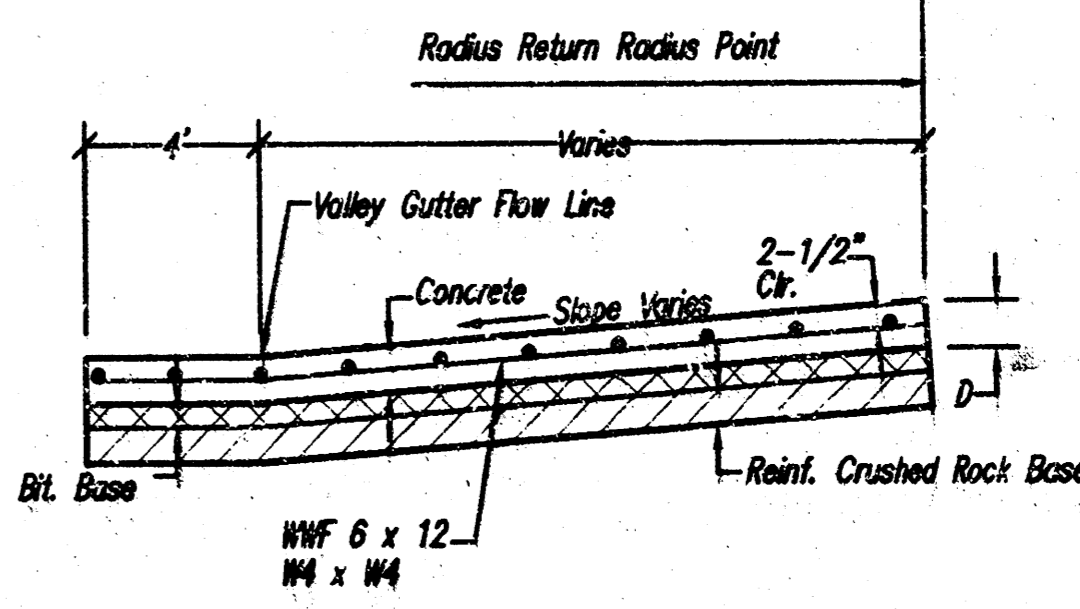
PLAN REINFORCED VALLEY GUTTER



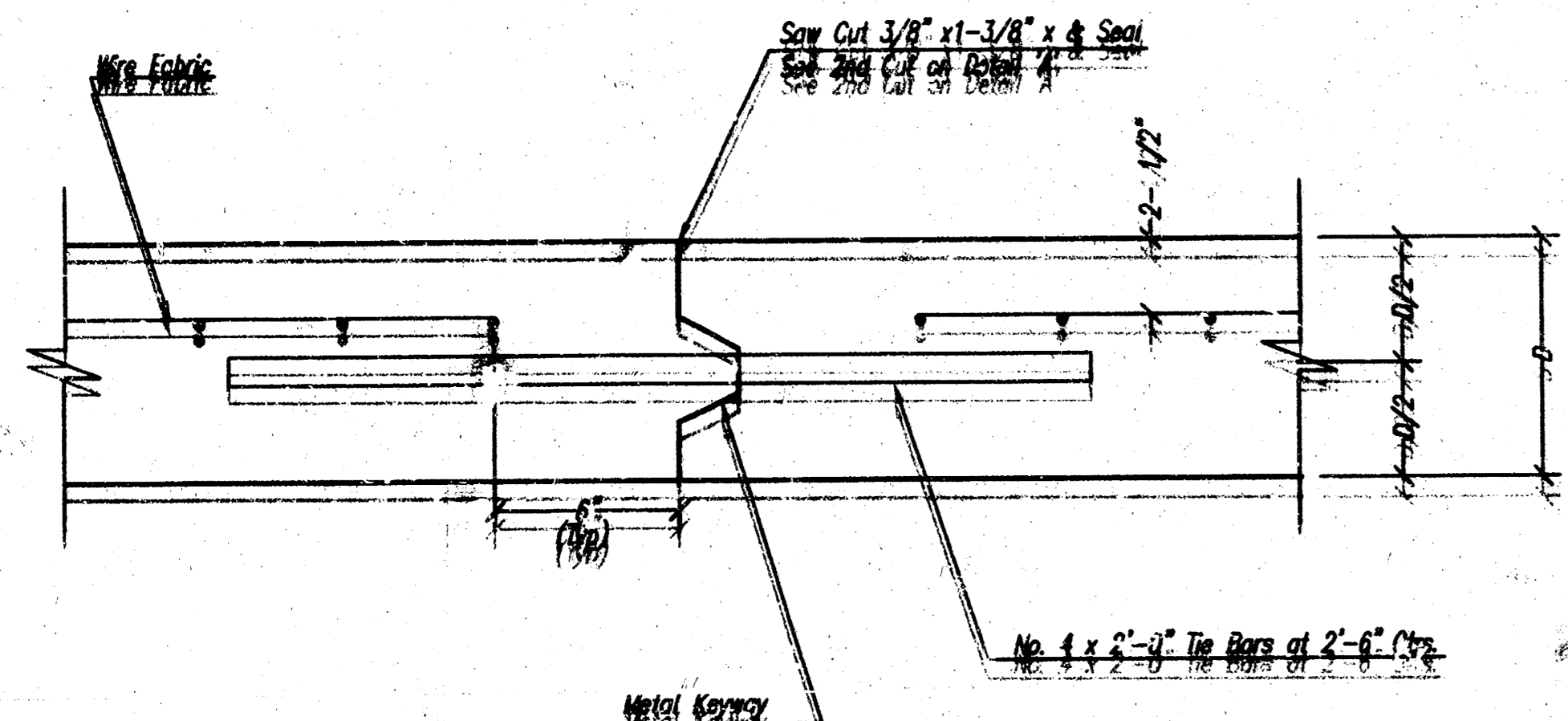
LONGITUDINAL JOINT DETAIL (L.L.)



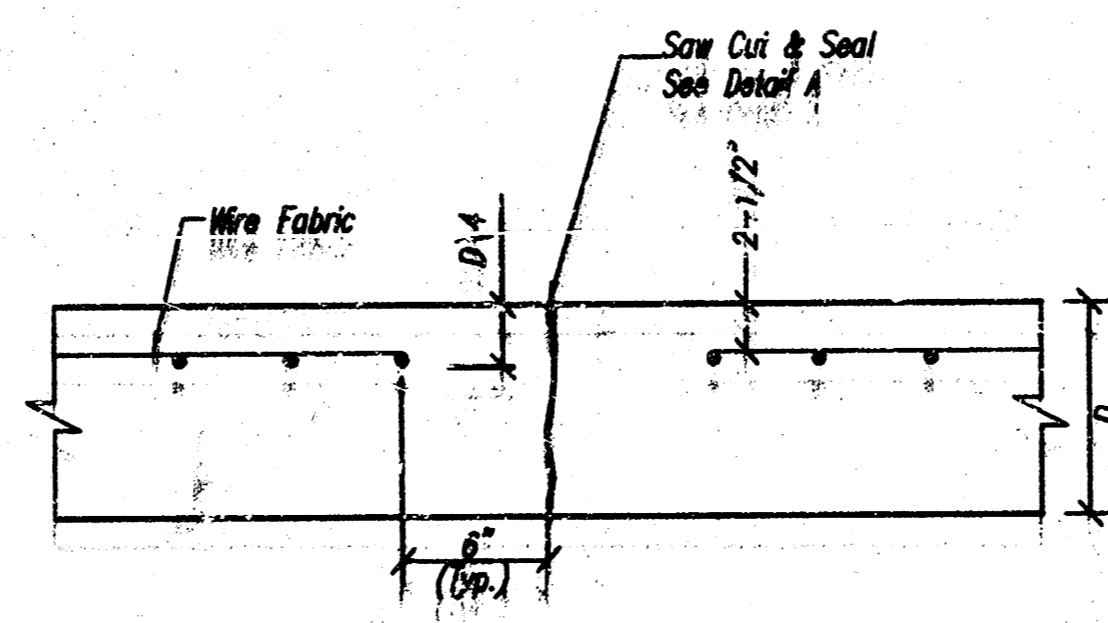
KEYWAY DETAIL



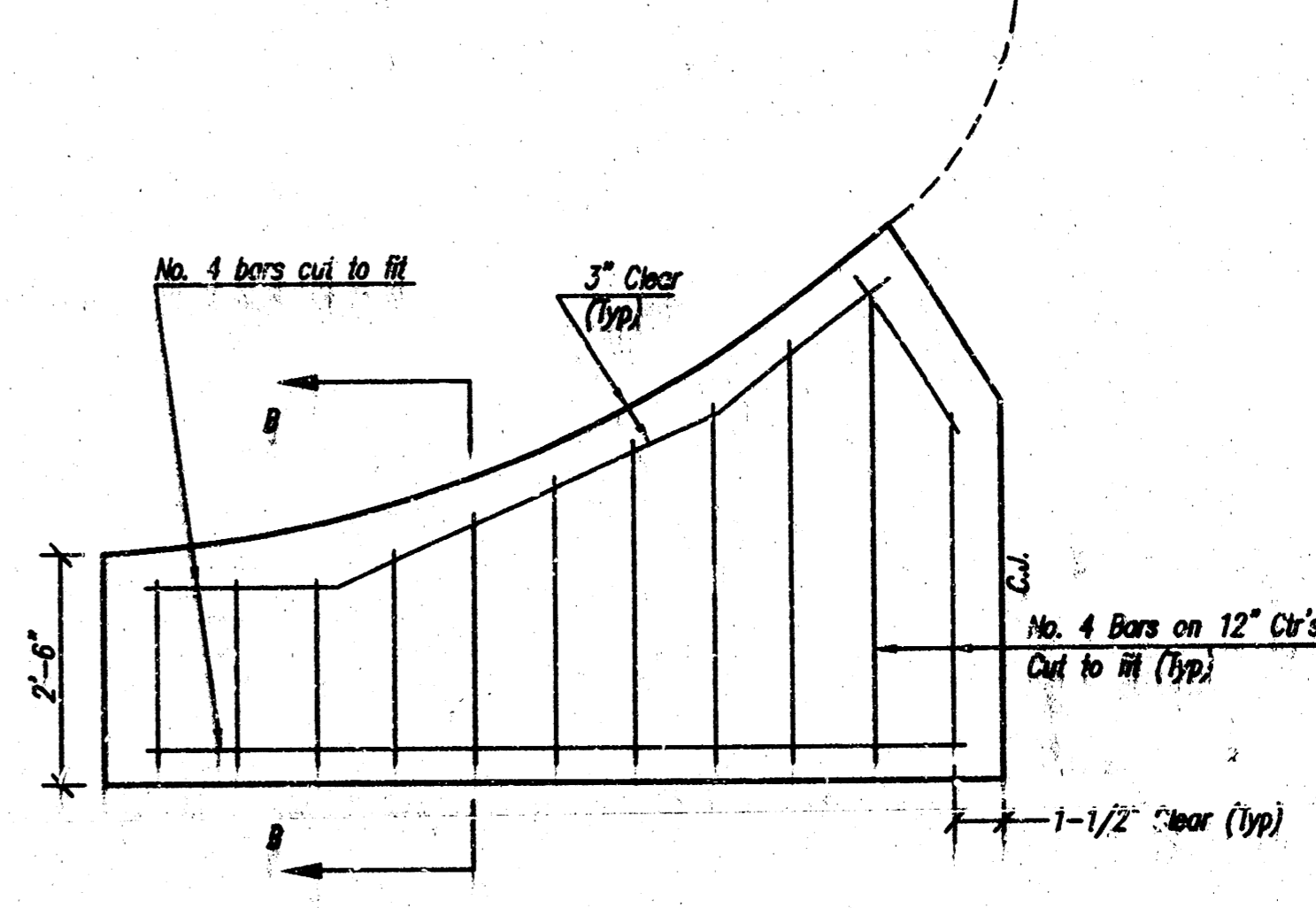
SECTION A-A



OPTIONAL LONGITUDINAL CONSTRUCTION JOINT (L.L.) (Alternate L.L.)

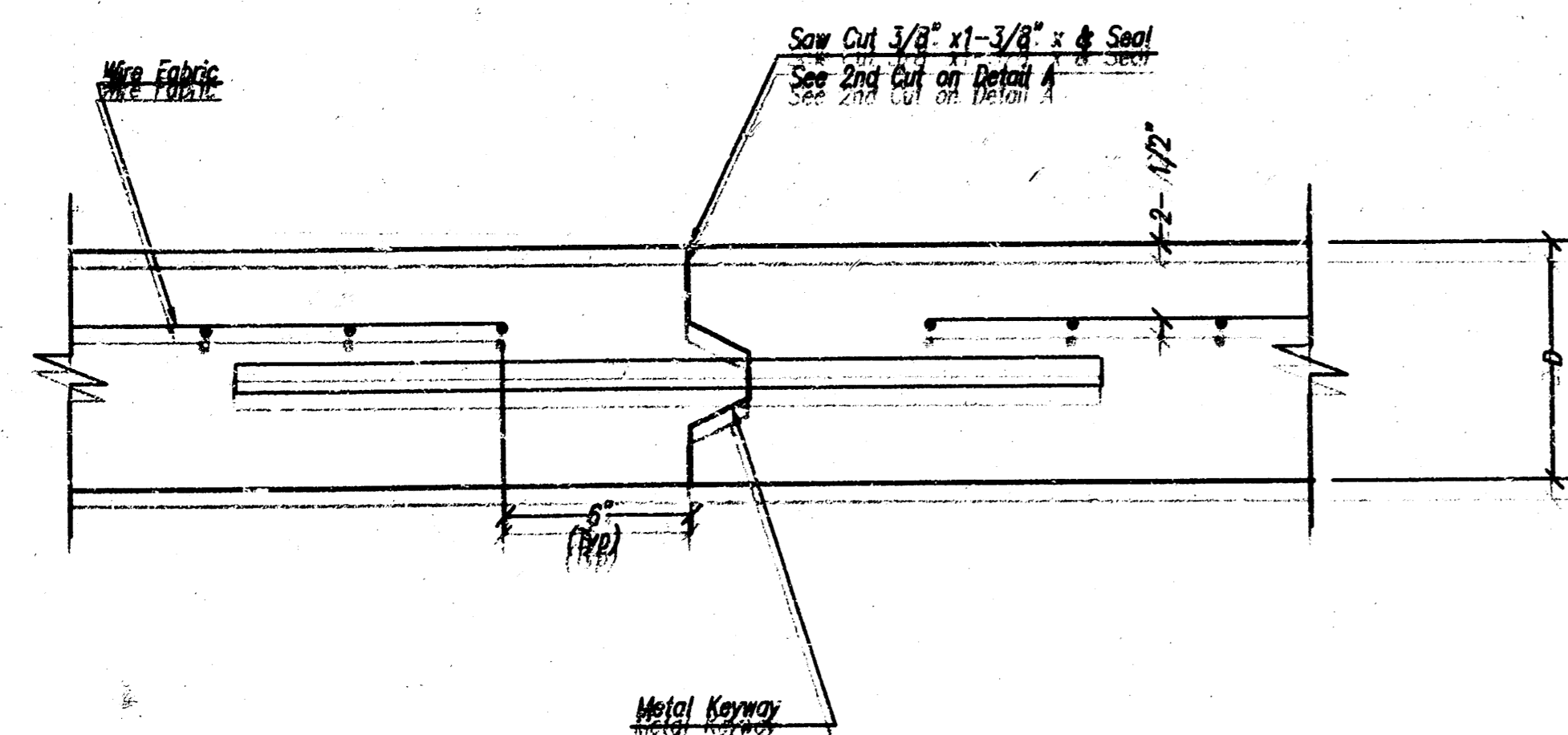


CONTRACTION JOINT DETAIL (C.J.)

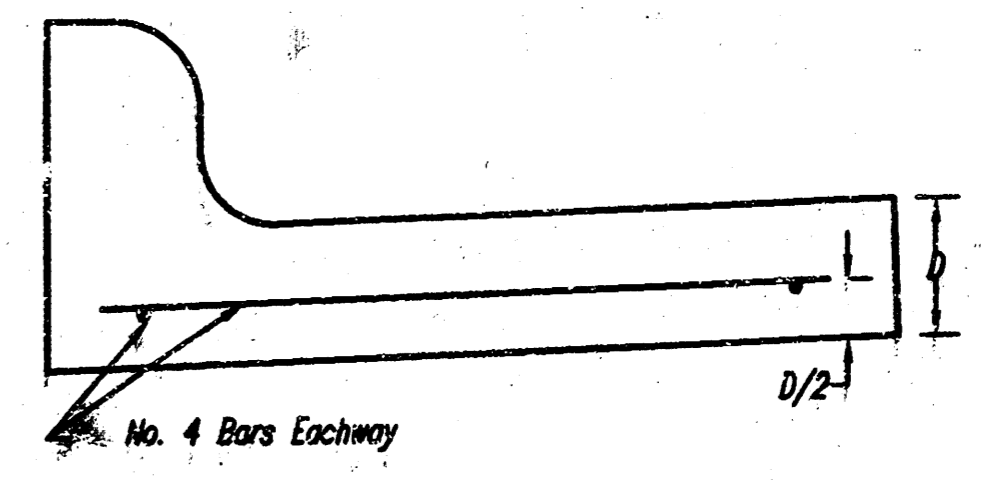


WING REINFORCING DETAIL

Note: Omit wire fabric reinforcing in this section.



OPTIONAL CONTRACTION CONSTRUCTION JOINT (C.J.) (Alternate C.J.)



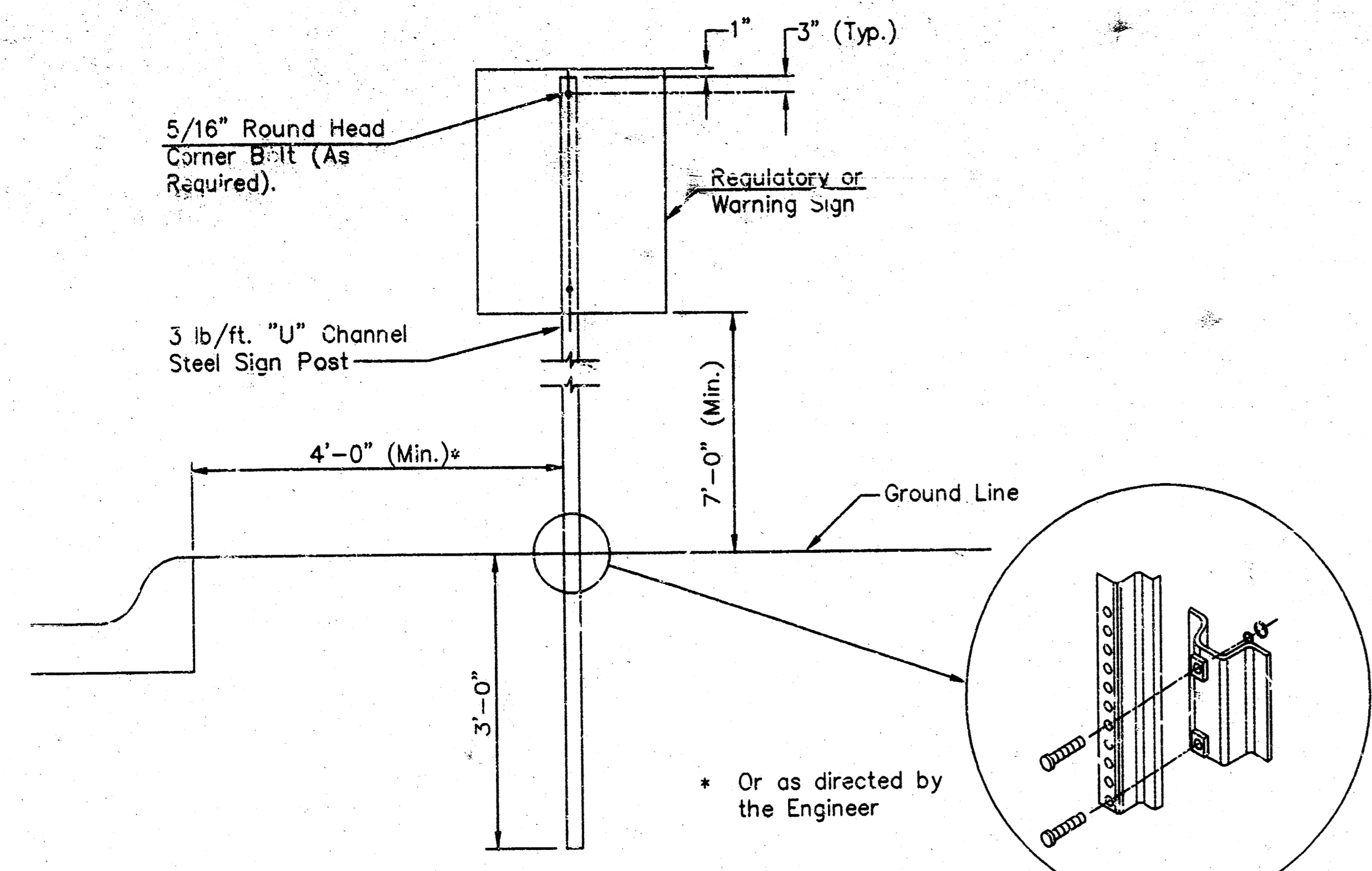
SECTION B-B

LEGEND
C.J. Identifies Contraction Joint
L.L. Identifies Longitudinal Joint

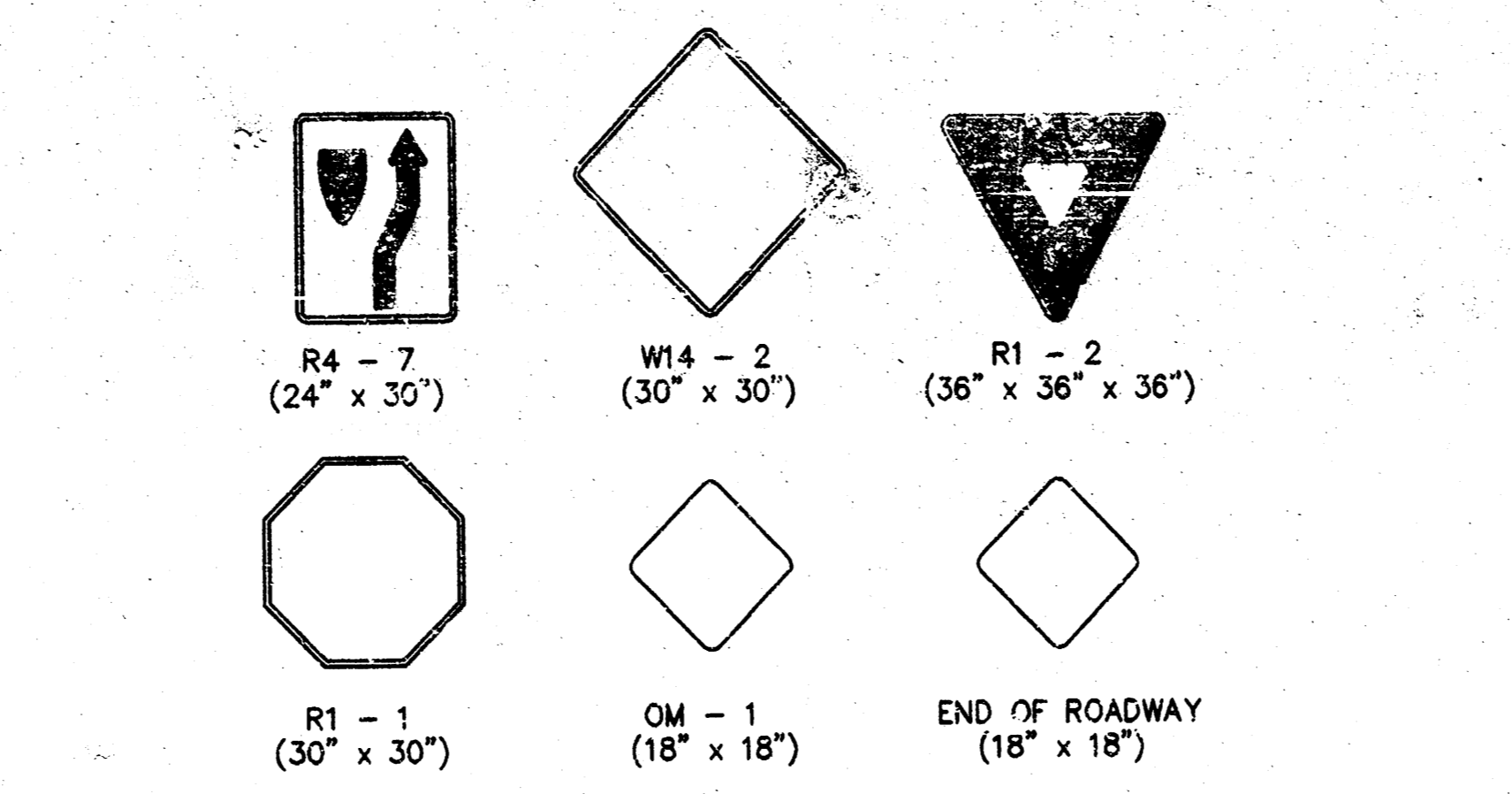
VALLEY GUTTER DETAILS	
PROJECT No	472-02860
SHEET 6 OF 11	

FHWA REQ. NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	SHEETS
7	KANSAS		1995	35	47

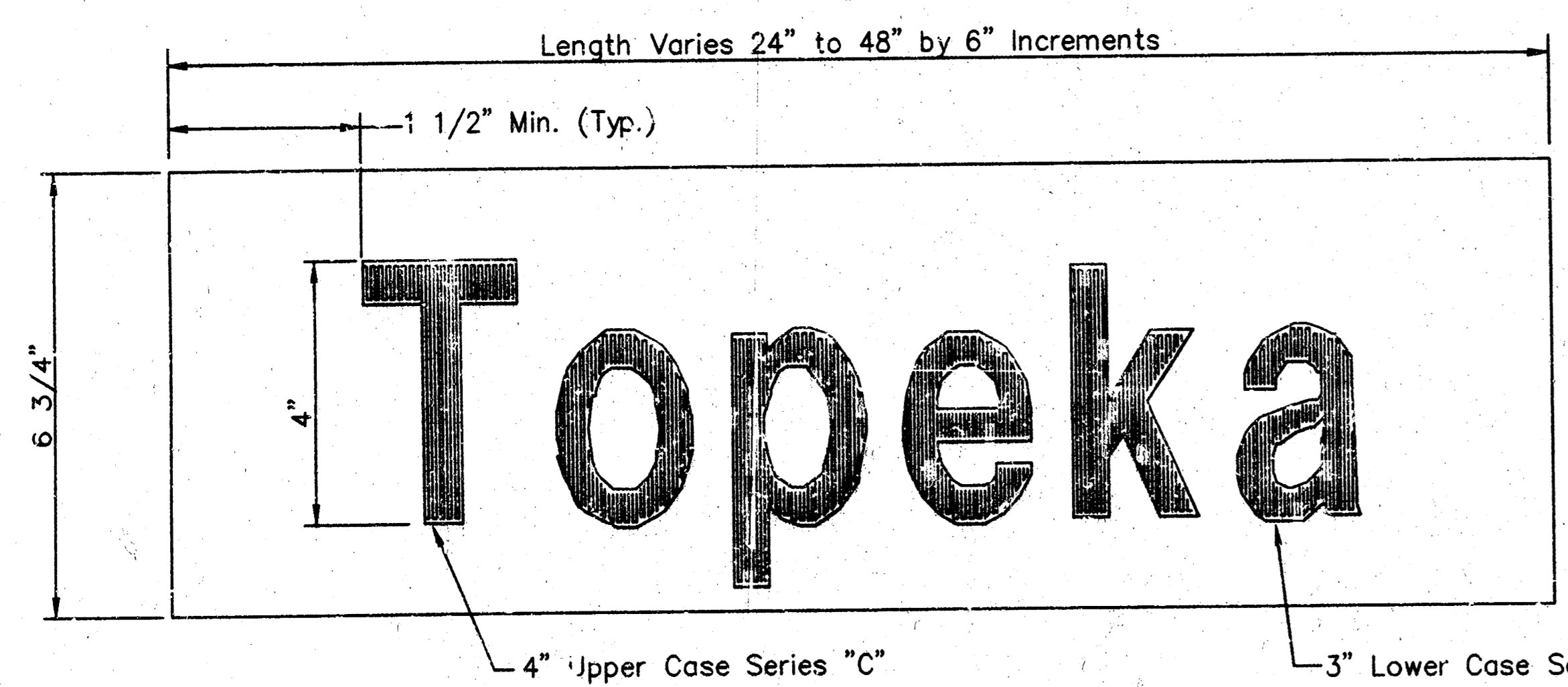
- NOTE: REFERENCES BELOW TO "STANDARD SPECIFICATIONS" DENOTE "STANDARD SPECIFICATION FOR STATE ROAD AND BRIDGE CONSTRUCTION, EDITION 1998" BY THE KANSAS DEPARTMENT OF TRANSPORTATION.
- POST ANCHORS: POSTS SHALL BE ANCHORED WITH A YIELDING BASE POST SUPPORT AS DETAIL 7.
 - POSTS FOR TRAFFIC CONTROL SIGNS: POSTS SHALL CONFORM TO THE REQUIREMENTS OF SUBSECTION 1620 OF THE STANDARD SPECIFICATIONS EXCEPT THAT ALL POSTS SHALL WEIGH 3 LBS./FOOT MINIMUM.
 - 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.
 - POSTS FOR END OF ROADWAY SIGN TO BE 8' LONG AND INSTALLED A MINIMUM OF 4' FROM ROADWAY TO BOTTOM OF SIGN.
 - SIGN BLANKS FOR TRAFFIC CONTROL SIGNS: SIGN BLANKS SHALL BE FABRICATED FROM 0.080" ALUMINUM ALLOY 6063-T5 CONFORMING TO THE REQUIREMENTS OF SUBSECTION 1626 OF THE STANDARD SPECIFICATIONS.
 - SIGN BLADES FOR STREET NAME SIGNS: EXTRUDED ALUMINUM BLADES SHALL BE ALUMINUM ALLOY CONFORMING TO 6063-T6 OR 5052-H39 (ASTM SPECIFICATION B221, LATEST ISSUE). BLADES SHALL HAVE AN ALDINE OR PHOSPHATE ETCHED FINISH. BLADES SHALL HAVE SQUARE CORNERS AND NO HOLES.
 - 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.
 - 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.
 - FASTENERS: ALL STEEL FASTENERS FOR TRAFFIC CONTROL SIGNS SHALL BE GALVANIZED AND SHALL CONFORM TO THE REQUIREMENTS OF SUBSECTION 1614 OF THE STANDARD SPECIFICATIONS.
 - REFLECTIVE SHEETING: REFLECTIVE SHEETING SHALL BE TYPE II - HIGH PERFORMANCE CLASS HA IN ACCORDANCE WITH SUBSECTION 2201 OF THE STANDARD SPECIFICATIONS.
 - PROCESS INK: ALL PROCESS INK SHALL CONFORM TO THE REQUIREMENTS OF SUBSECTION 2202 OF THE STANDARD SPECIFICATIONS.
 - DETAILS: REGULATORY AND WARNING SIGNS SHALL CONFORM TO THE DETAILS IN "STANDARD HIGHWAY SIGNS", FHWA, 1979.
 - 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 9 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, SCALING OR BLISTERS, AND SHALL BE CLEAN-CUT. SIGNS SHALL BE PACKED IN SUCH MANNER AS TO PREVENT DAMAGE OR DEFACEMENT DURING SHIPMENT OR STORAGE.
 - 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, TOOLS AND INCIDENTALS NECESSARY TO COMPLETE THIS WORK.



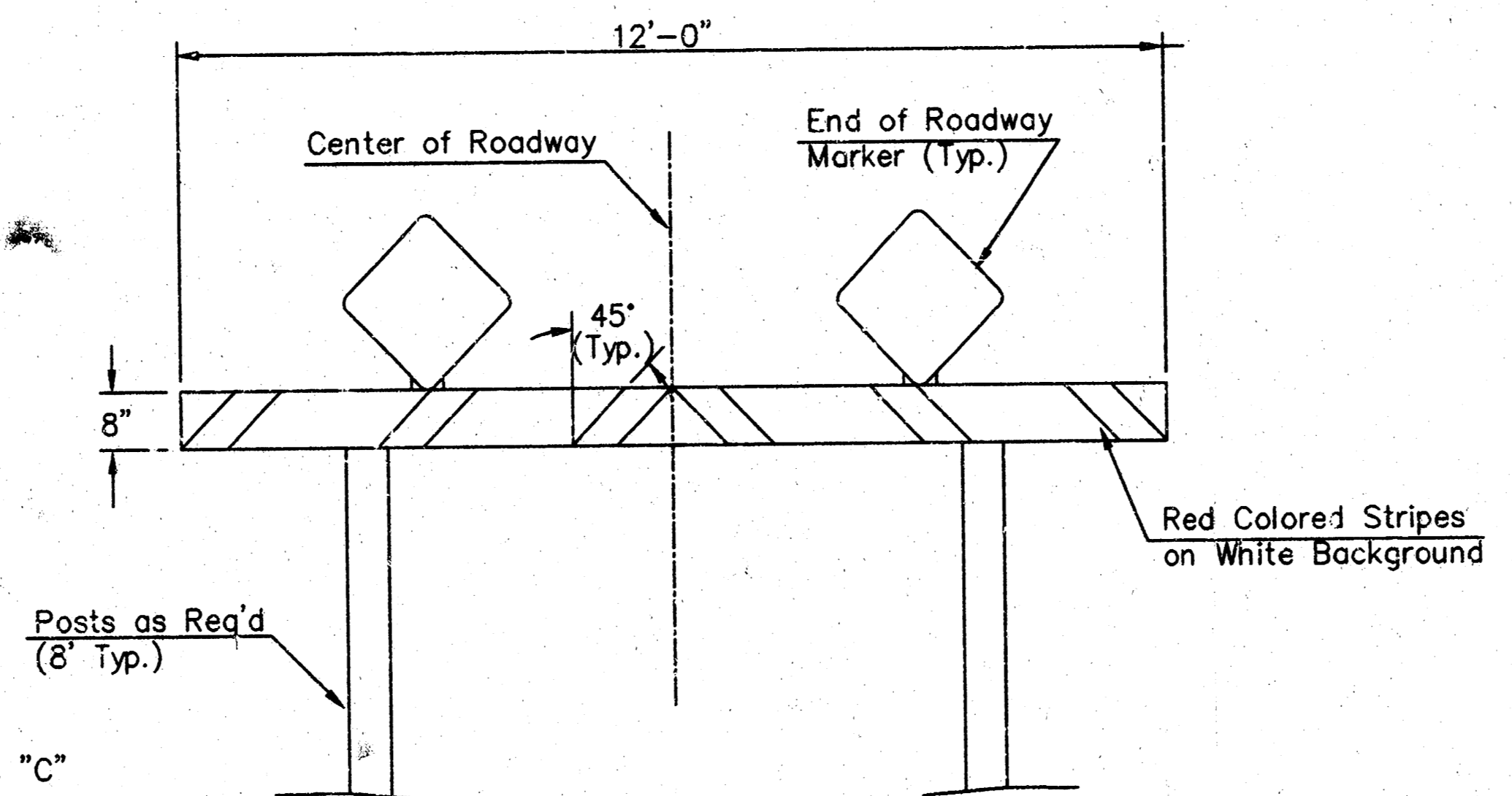
TYPICAL TRAFFIC CONTROL SIGN MOUNTING INSTALLATION CURB AND GUTTER SECTION



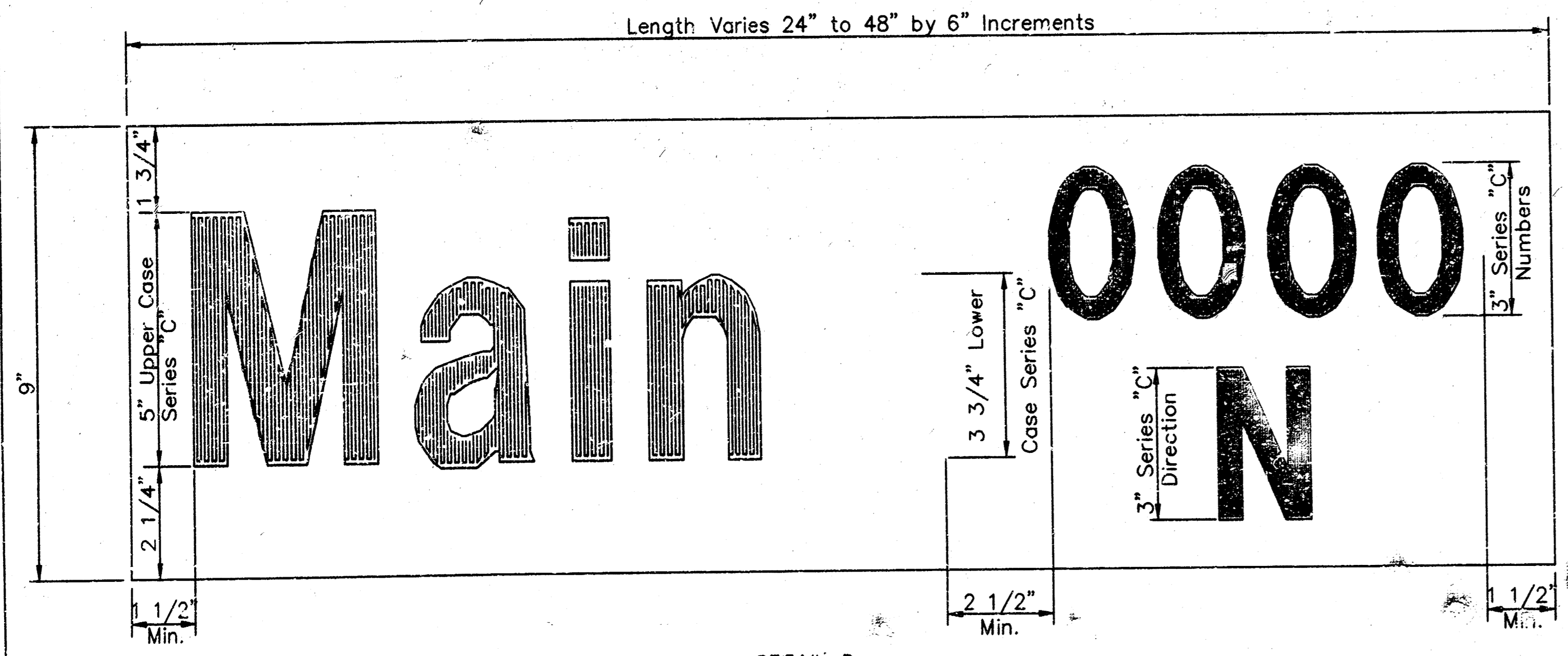
TYPICAL END OF ROADWAY SIGN MOUNTING INSTALLATION



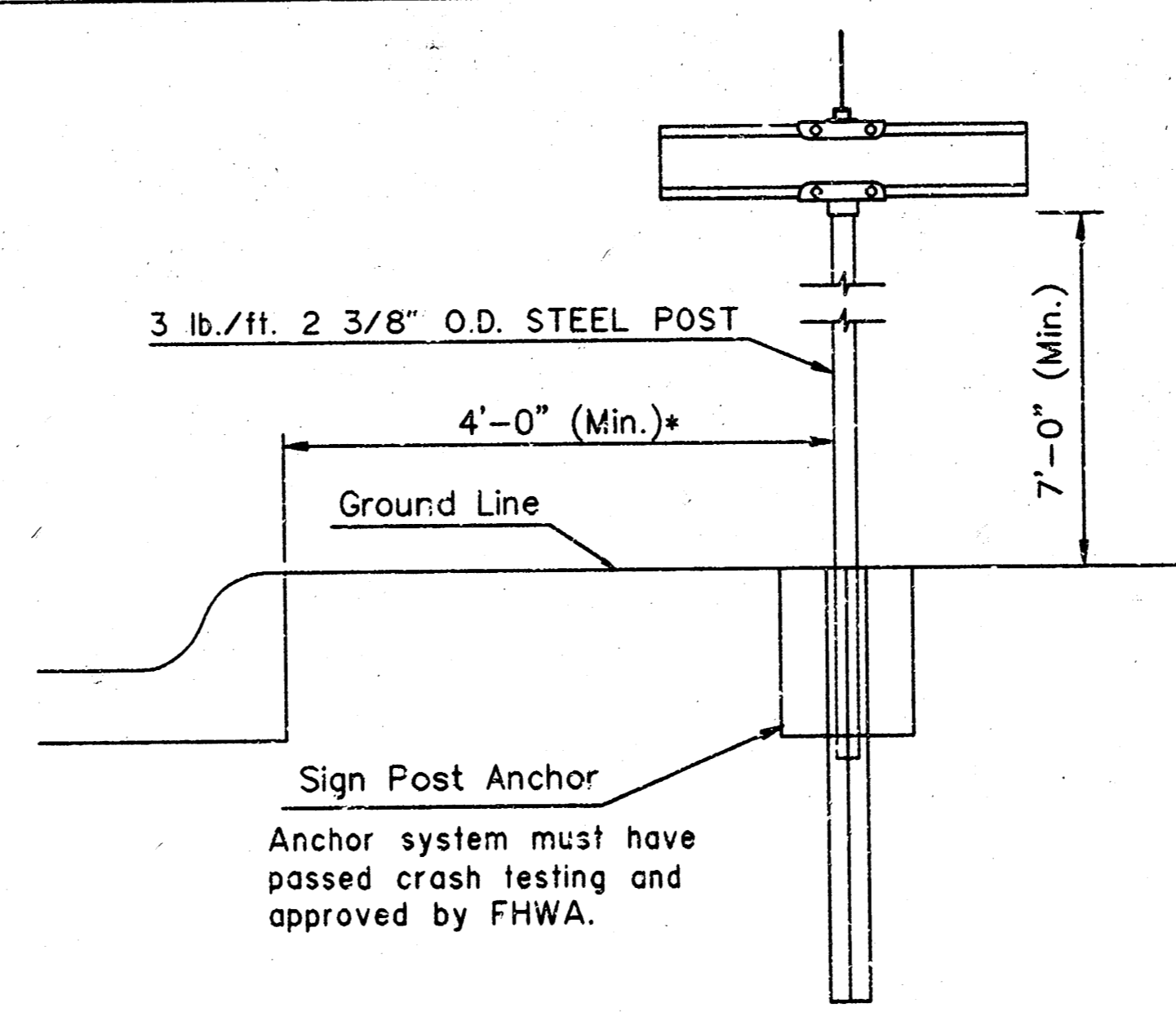
DETAIL A
6 3/4" STANDARD



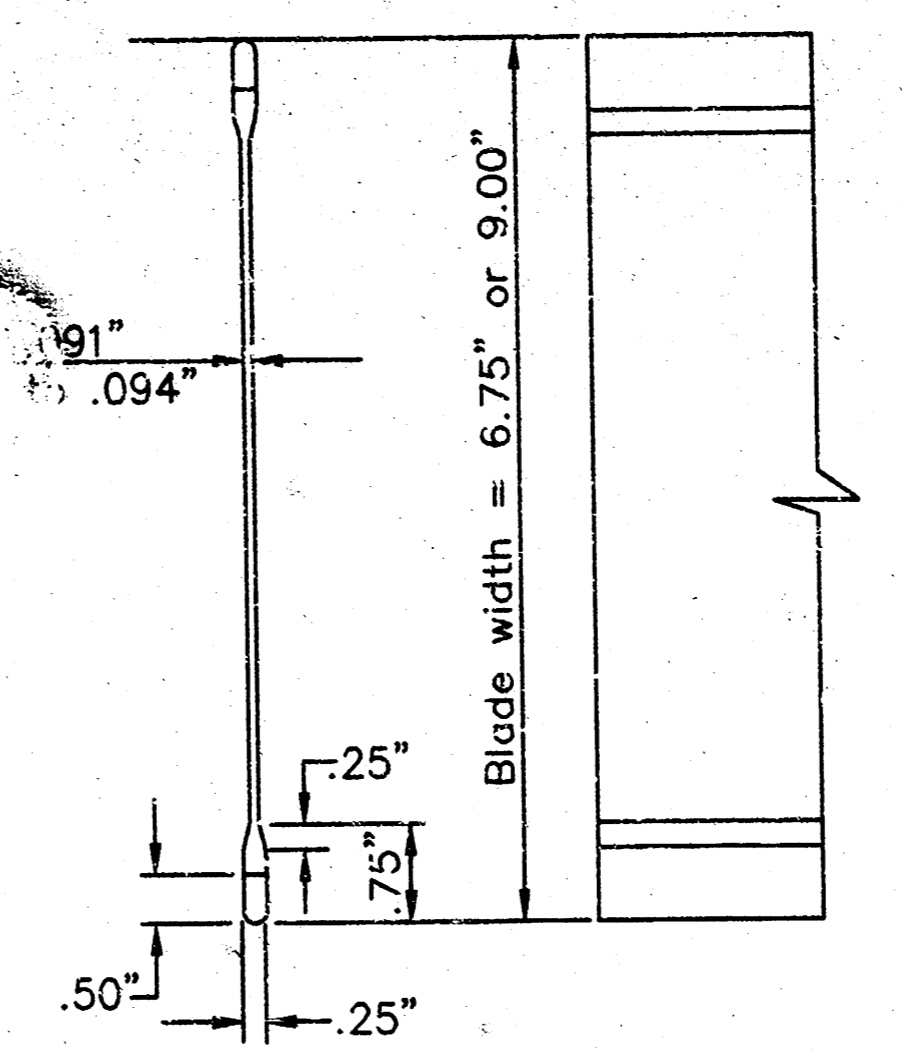
TYPE I BARRICADE DETAIL W/ E.O.R. MARKER



DETAIL B
9" METRO



TYPICAL STREET NAME SIGN MOUNTING INSTALLATION CURB AND GUTTER SECTION



STREET NAME SIGN BLADE DETAILS

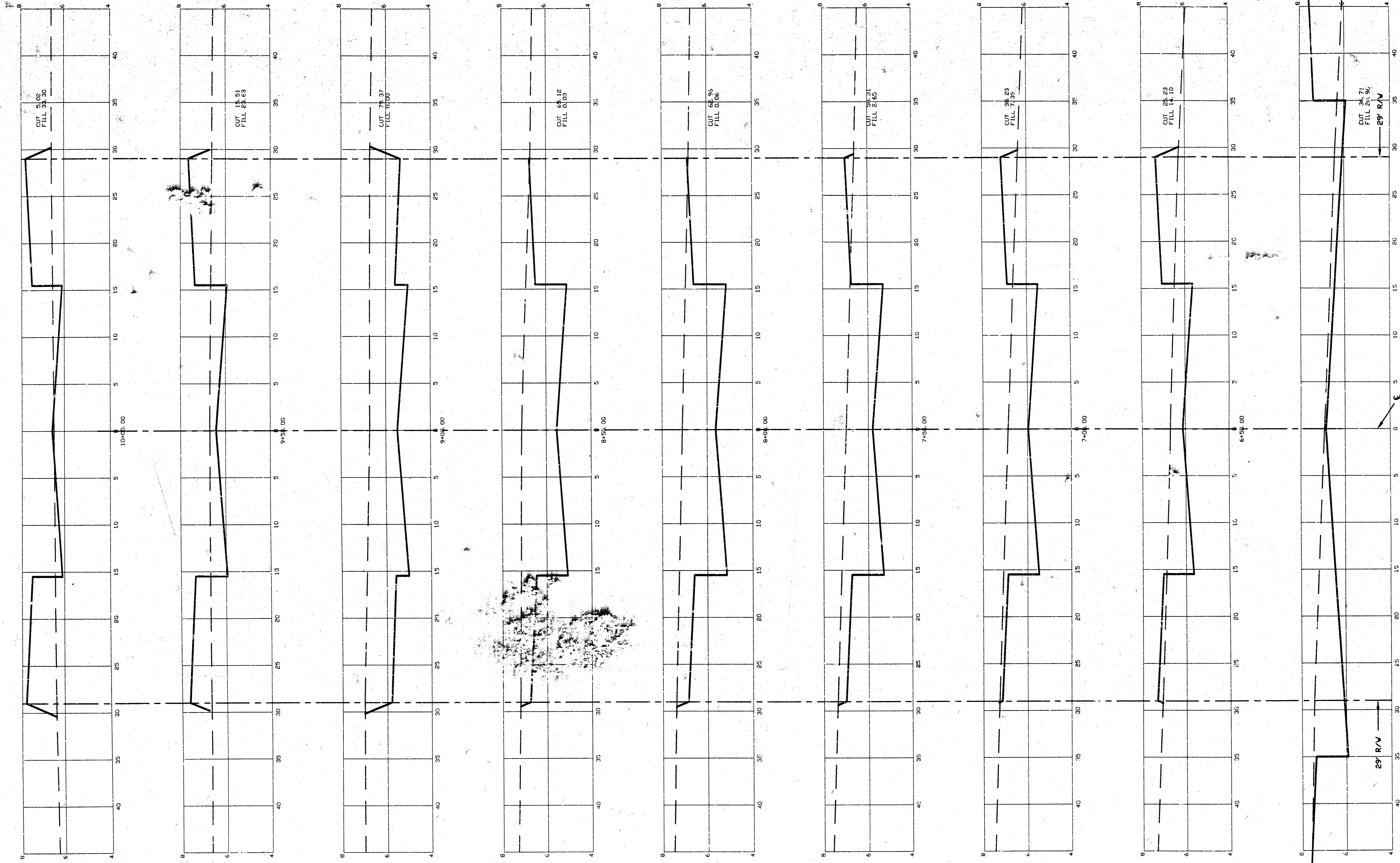
SIGN ASSEMBLY TABLE			
STATION	OFFSET	SIGN	QUANTITY
10+10	LT.	2 H.S. Barricade	1
10+10	RT.	"	1
11+90	LT.	"	1
11+90	RT.	"	1
8+12 (Shiloh)	RT.	Street Name	
TOTAL			

* FOR INFORMATION ONLY

STREET NAME	NO. BLADES REQ'D	
	6 3/4" STD.	9" METRO
Shiloh	1	
St. Vernon	1	

Project No. 172-8280

SIGNING DETAILS		
SCALE: NONE	APPROVED BY:	DATE: JUNE '93
DRAWN BY:		REVISED: FEB. '95
CITY OF WICHITA		
DEPARTMENT OF PUBLIC WORKS		
TRAFFIC ENGINEERING SECTION		37 9 of 11



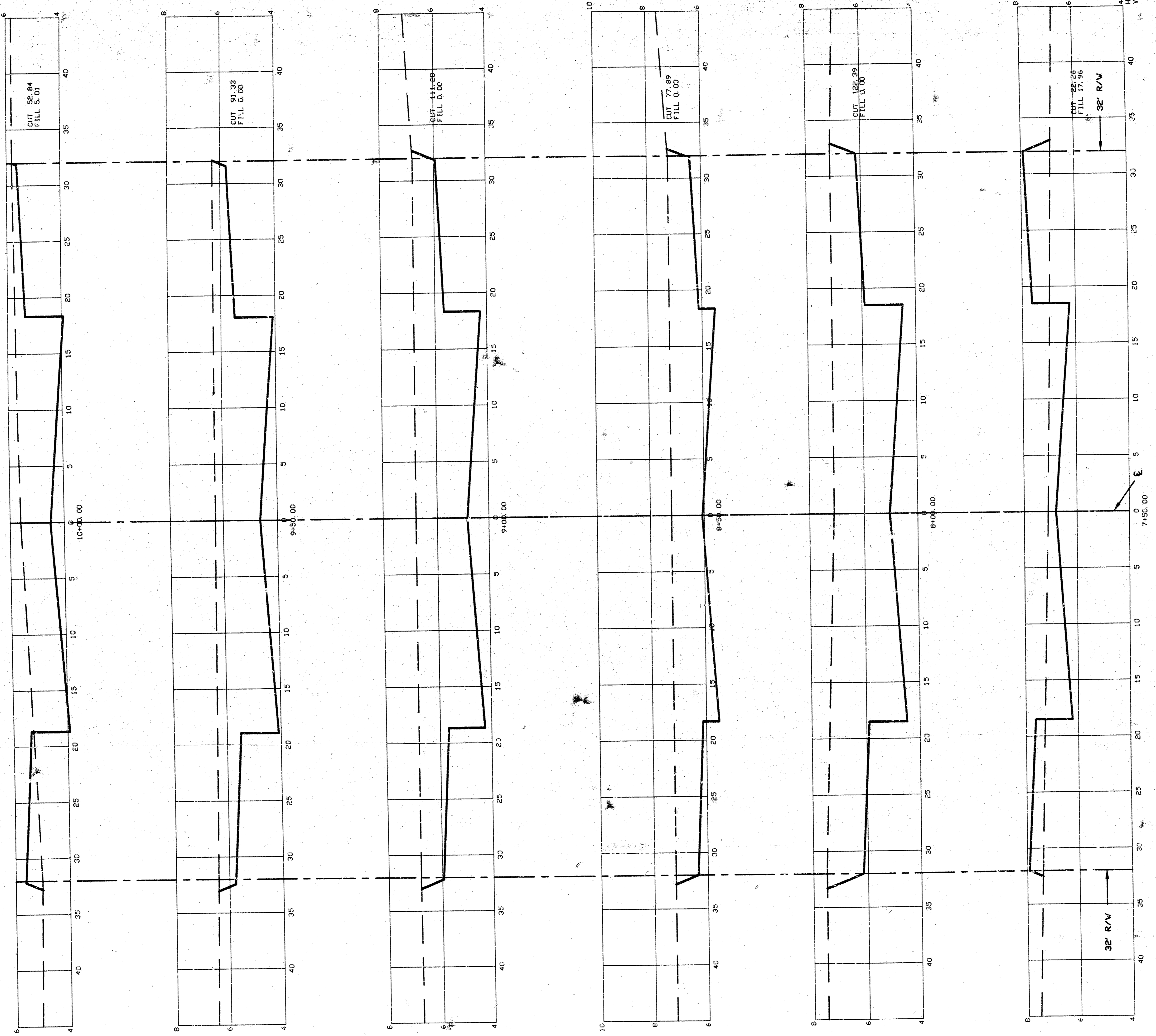
Shiloh

Horizontal Scale 5
Vertical Scale 2

**Cross Sections
Shiloh
Smihmoor Seventh Addition**

SCALE	APPROVED	DRAWN BY	CHECKED BY
DATE			
PROJECT NO.	472-82860	SHEET NO.	10 OF 11

MUNICIPAL ENGINEERS
254-LAURA, SUITE 201
WICHITA, KANSAS 67211
316-262-3842



Mt. Vernon

**Cross Sections
Mt. Vernon
Smithmoor Seventh Addition**

SCALE:	APPROVED:	DRAWN BY:	CHECKED:
DATE:			
PROJECT NO:	472-82.860	SHEET NO.:	11 OF 11

MUNICIPAL ENGINEERS
254 LAURA, SUITE 201
WICHITA, KANSAS 67211
316-262-3842

16-08-01-03