

1984 ARTERIAL SIDEWALK PROJECT NO.

472-76-245-81419-000-000-001

CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK, CITY ENGINEER

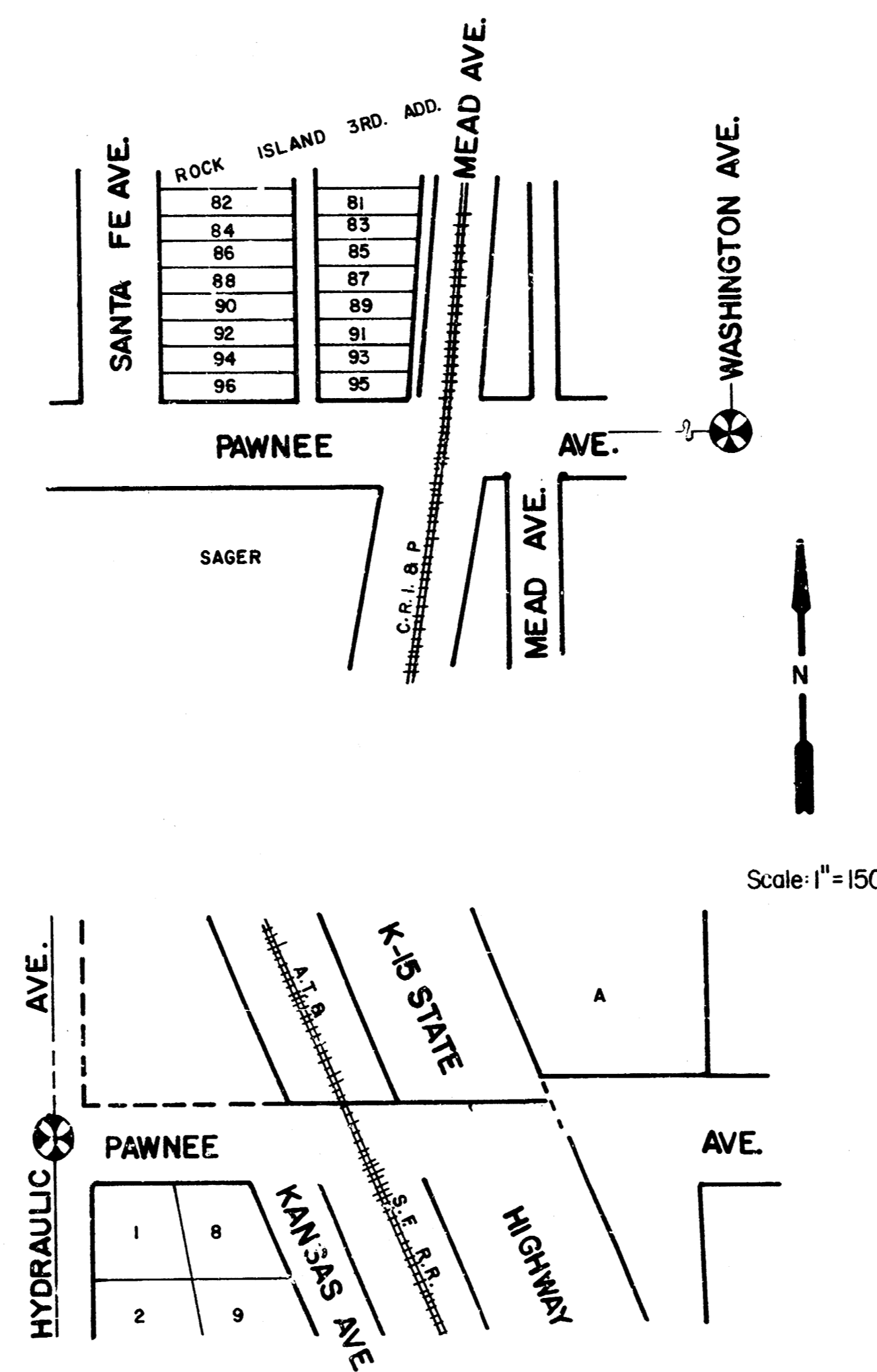
BASE CONTRACT
WEST SIDE WOODLAWN, MURDOCK TO I1TH STREET.
NORTH SIDE PAWNEE, BROADWAY TO HYDRAULIC
NORTH SIDE PAWNEE, HYDRAULIC TO K-15
WEST SIDE HYDRAULIC, HARRY TO MT VERNON

ADD ALTERNATE NO. 1
NORTH SIDE PAWNEE, SENECA TO FERN

ADD ALTERNATE NO. 2
NORTH SIDE PAWNEE, EVERETT TO MERIDIAN

ADD ALTERNATE NO. 3
SOUTH SIDE 29TH STREET NORTH, BROADWAY TO ARKANSAS

ADD ALTERNATE NO. 4
NORTH SIDE 13TH STREET NORTH, VALLEYVIEW TO CADDY

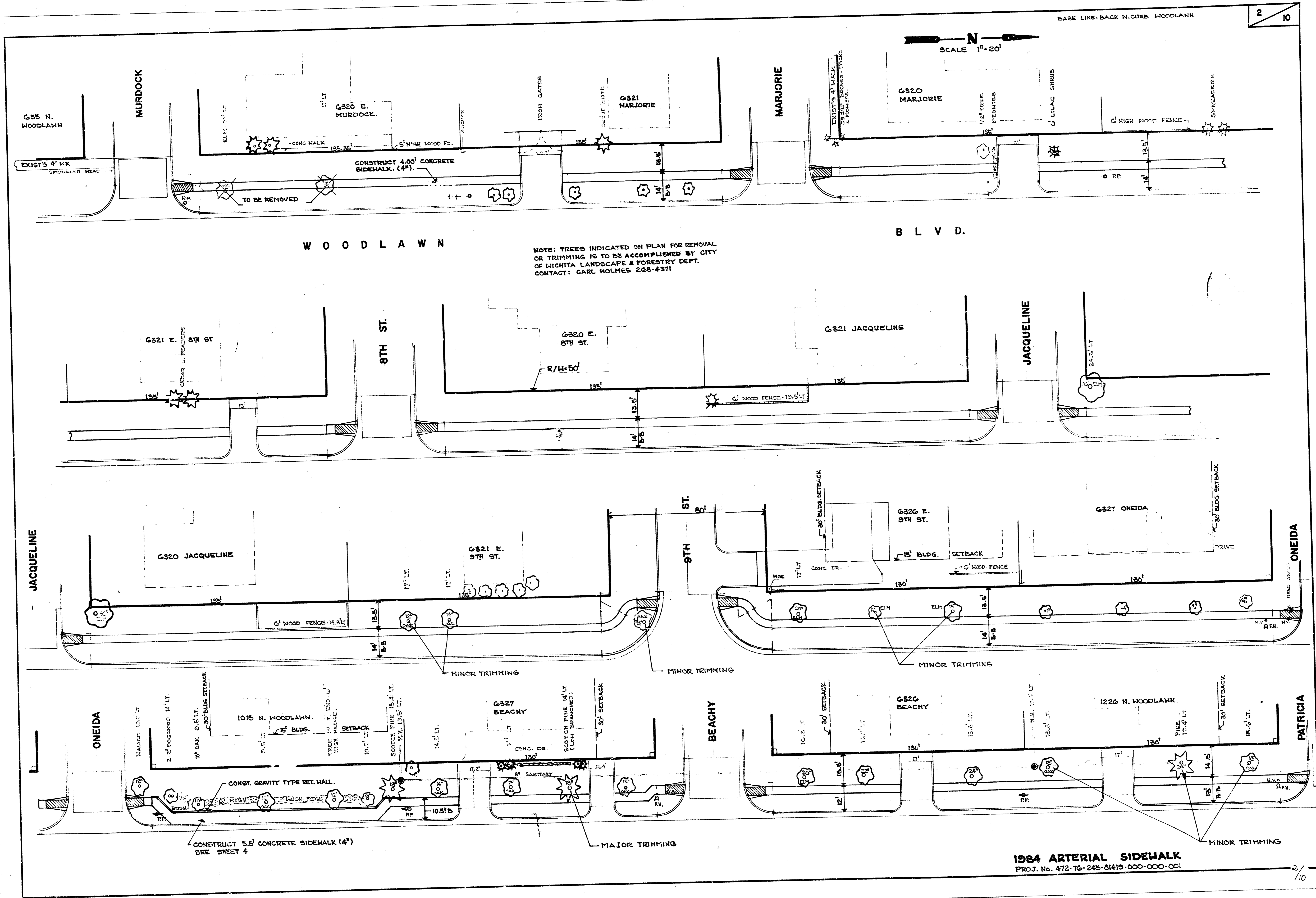


EXACT LOCATION AND GRADE TO BE DETERMINED BY THE FIELD ENGINEER AT TIME OF CONSTRUCTION AT FOLLOWING LOCATIONS.

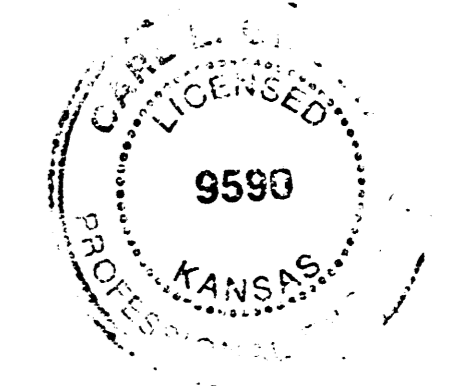
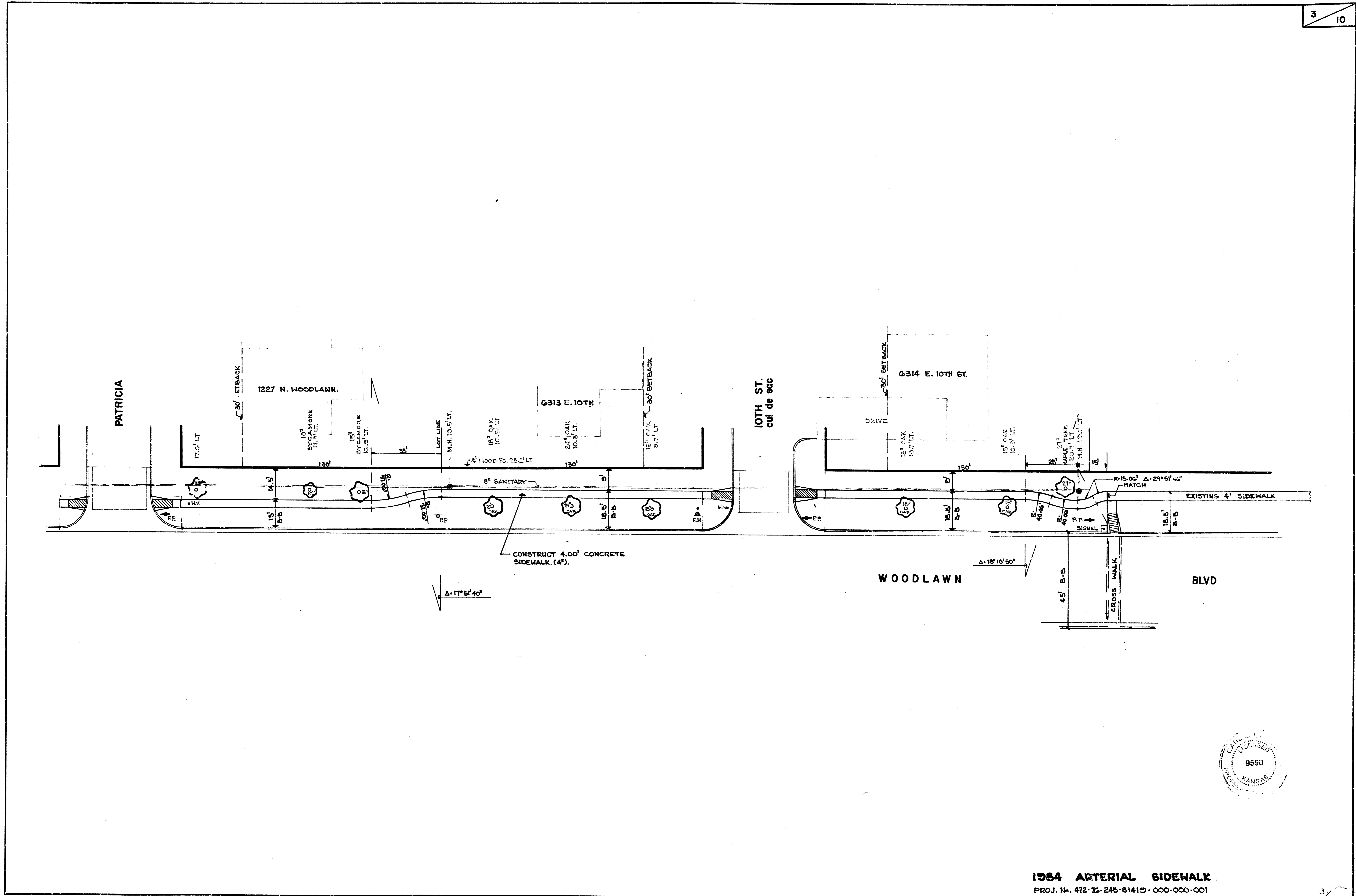
- WEST SIDE WOODLAWN _____ FROM MURDOCK TO I1TH STREET
- WEST SIDE HYDRAULIC _____ FROM HARRY TO MT. VERNON
- NORTH SIDE PAWNEE _____ FROM BROADWAY TO HYDRAULIC
- NORTH SIDE PAWNEE _____ FROM HYDRAULIC TO K-15

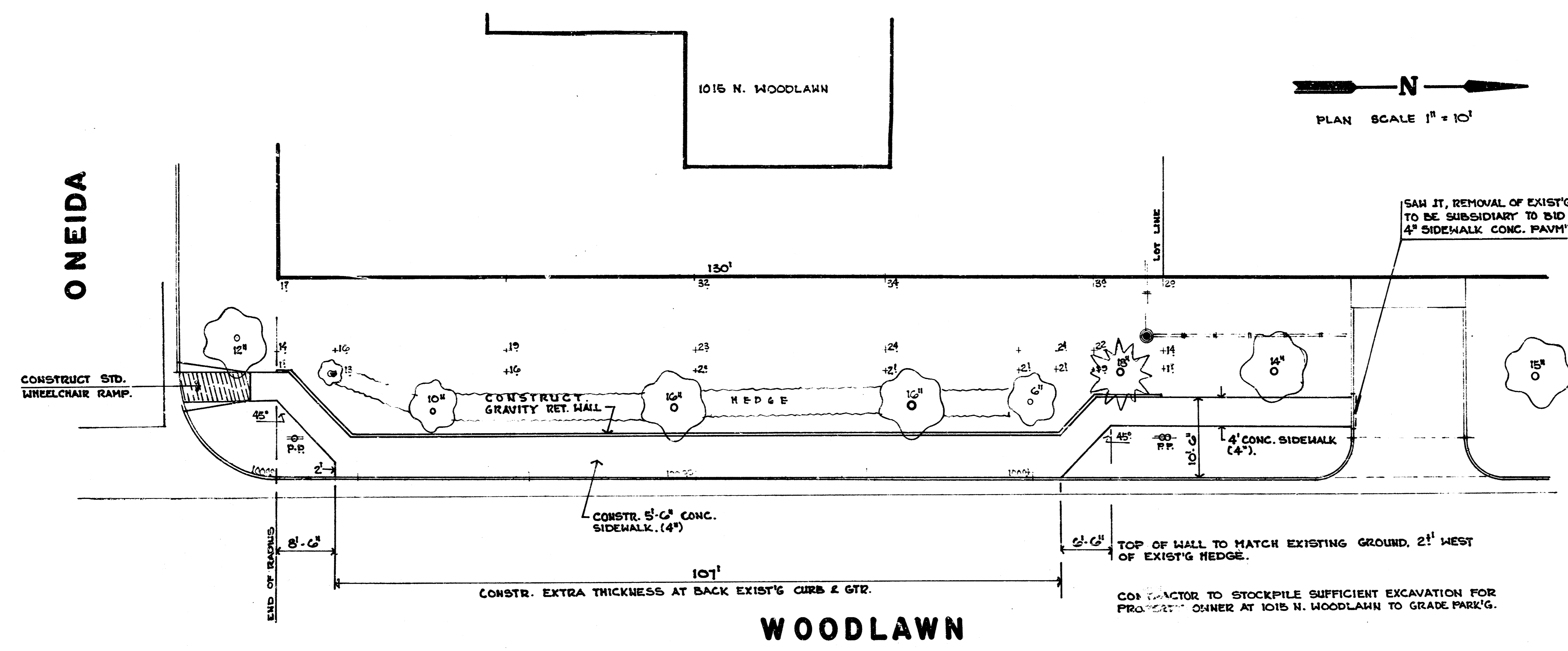
SHEET NO.	DESCRIPTION
1	COVER SHEET
2-4	PLAN W.S. WOODLAWN MURDOCK TO I1TH ST.
5	SIDEWALK IMPROVEMENTS N.S. PAWNEE AT C.R.I. & P RAILROAD
6	DETAILS N.S. PAWNEE AT C.R.I. & P RAILROAD
7-8	SIDEWALK IMPROVEMENTS N.S. PAWNEE AT K-15
9	DETAIL TYPE I-A CURB INLET
10	MISCELLANEOUS DETAILS

ALL EARTHWORK NECESSARY TO COMPLETE THIS PROJECT IS TO BE SUBSIDIARY TO OTHER BID ITEMS.

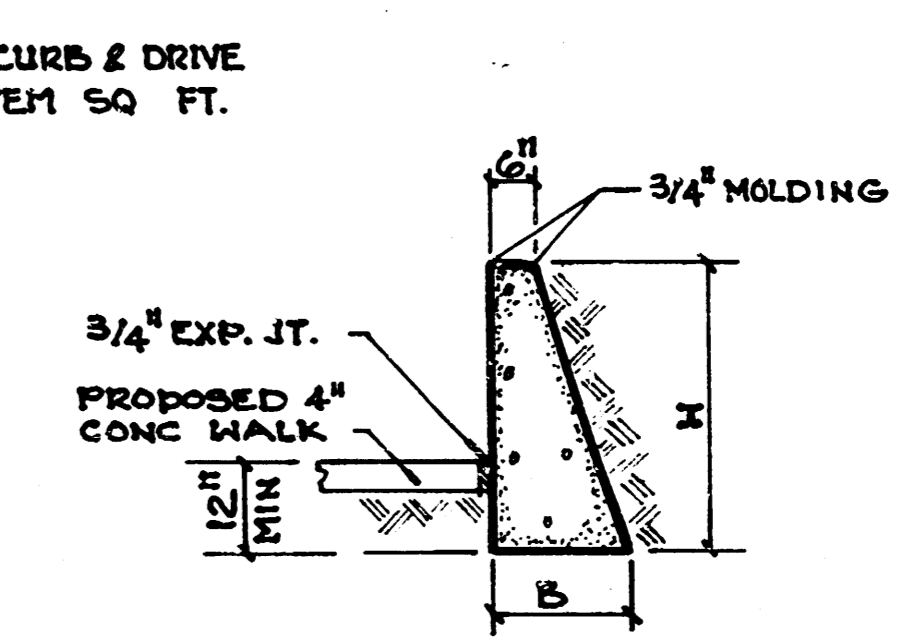


1984 ARTERIAL SIDEWALK
 PROJ. No. 472-76-245-81419-000-000-001



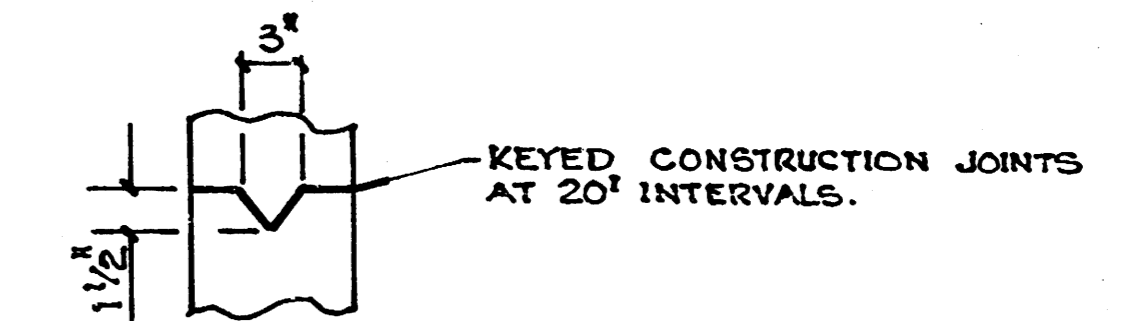


N
PLAN SCALE 1" = 10'

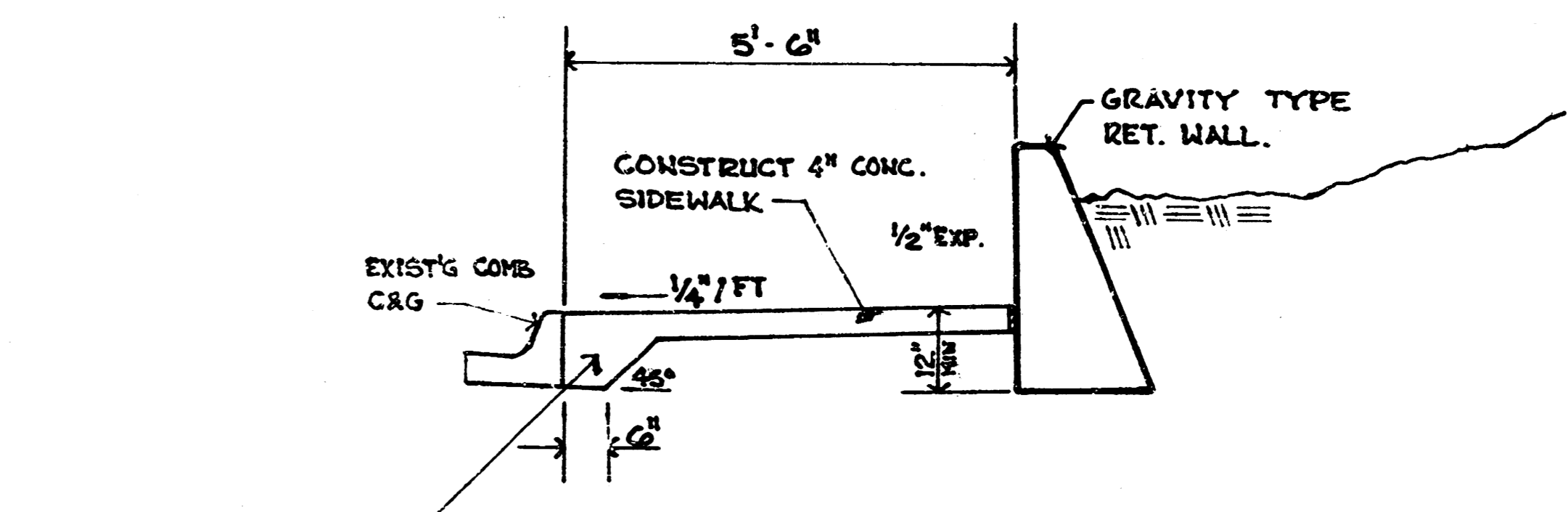
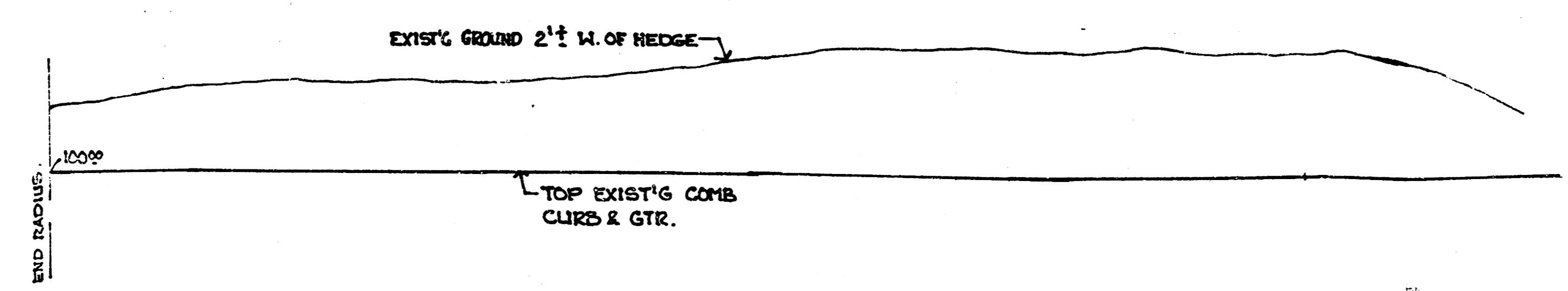


DIMENSIONS			C.Y. CONC
H	B	FOOT	
1'-0"	10'		0.037
1'-9"	11'		0.046
2'-0"	13'		0.059
2'-3"	15'		0.073
2'-6"	17'		0.089
2'-9"	18 1/2'		0.104
3'-0"	20'		0.120

NOTE: CONCRETE USED IN RETAINING WALLS SHALL BE STD. CONCRETE PAVING MIX.



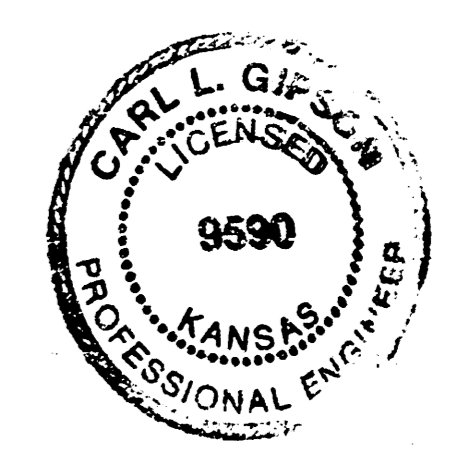
EXPANSION JOINTS AT 100' MAX. SPACING, USING 1" PREMOULDED EXPANSION JOINT MATERIAL.



EXTRA THICKNESS TO BE SUBSIDIARY TO BID ITEM 50 FT. 4" SIDEWALK CONC. PAVMT.

SECTION

HORIZ. 1" = 2'
VERT. 1" = 2'



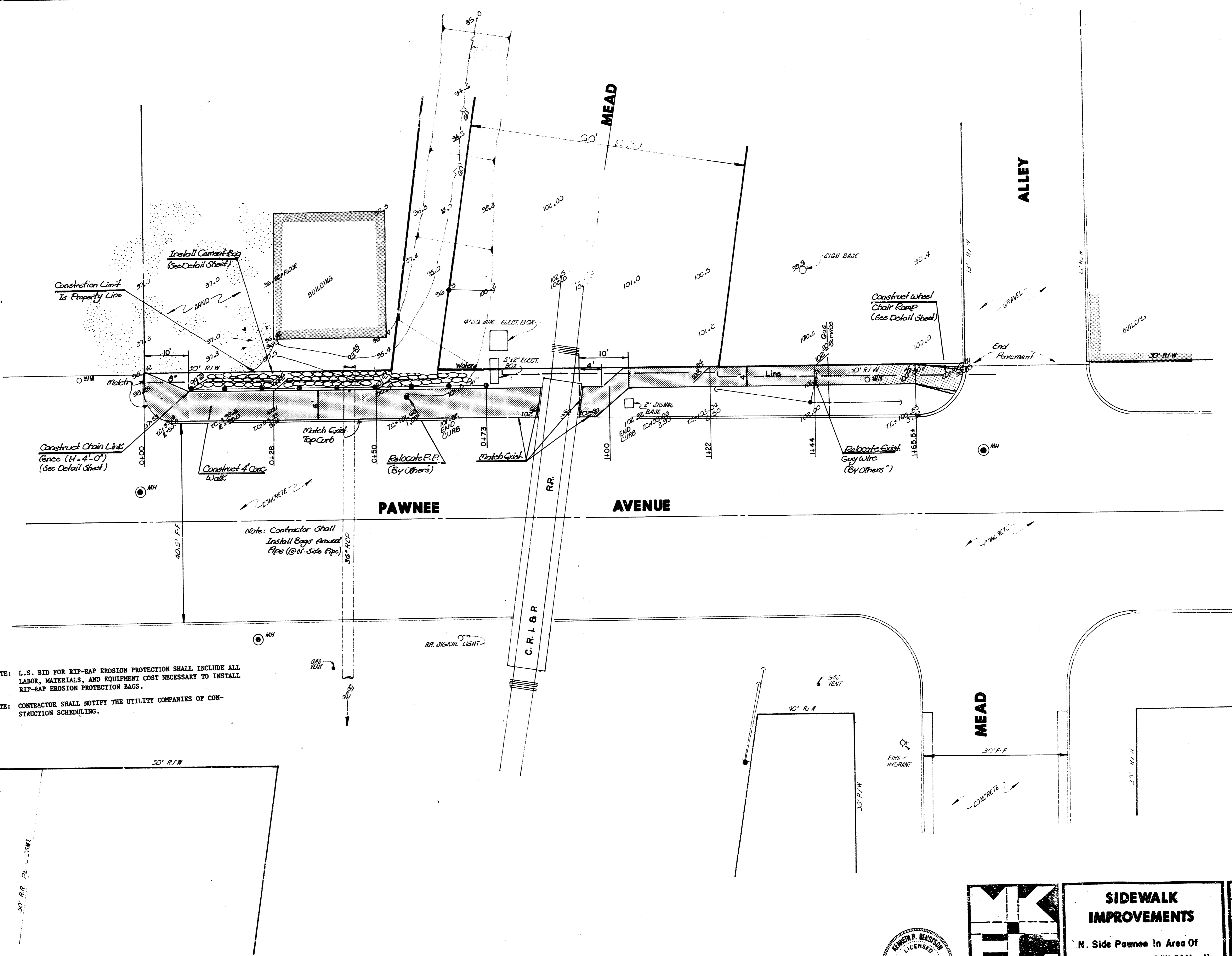
PROJECT DESCRIPTION
1984 ARTERIAL SIDEWALK

PROJECT NUMBER
472-76-245-81419-000-000-001

HORIZ 1" = 10'
VERT 1" = 2'

B.M.: "1" CUT TOP CURB SOUTH ECR INTERSECTION OF PAWNEE & MEAD.
CITY ELEV. = 99.45

B.M.: "2" CUT TOP CURB SOUTH ECR SW CORNER INTERSECTION PAWNEE & MEAD.
CITY ELEV. = 100.28

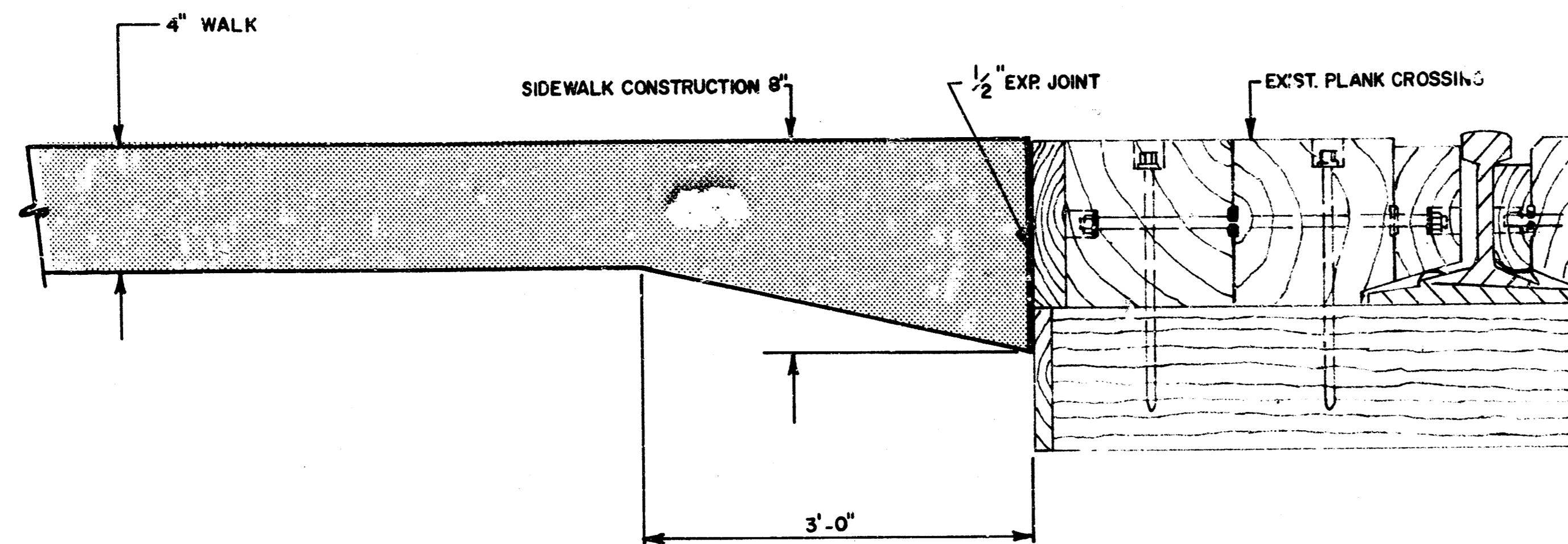


NOTE: L.S. BID FOR RIP-RAP EROSION PROTECTION SHALL INCLUDE ALL LABOR, MATERIALS, AND EQUIPMENT COST NECESSARY TO INSTALL RIP-RAP EROSION PROTECTION BAGS.

NOTE: CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES OF CONSTRUCTION SCHEDULING.

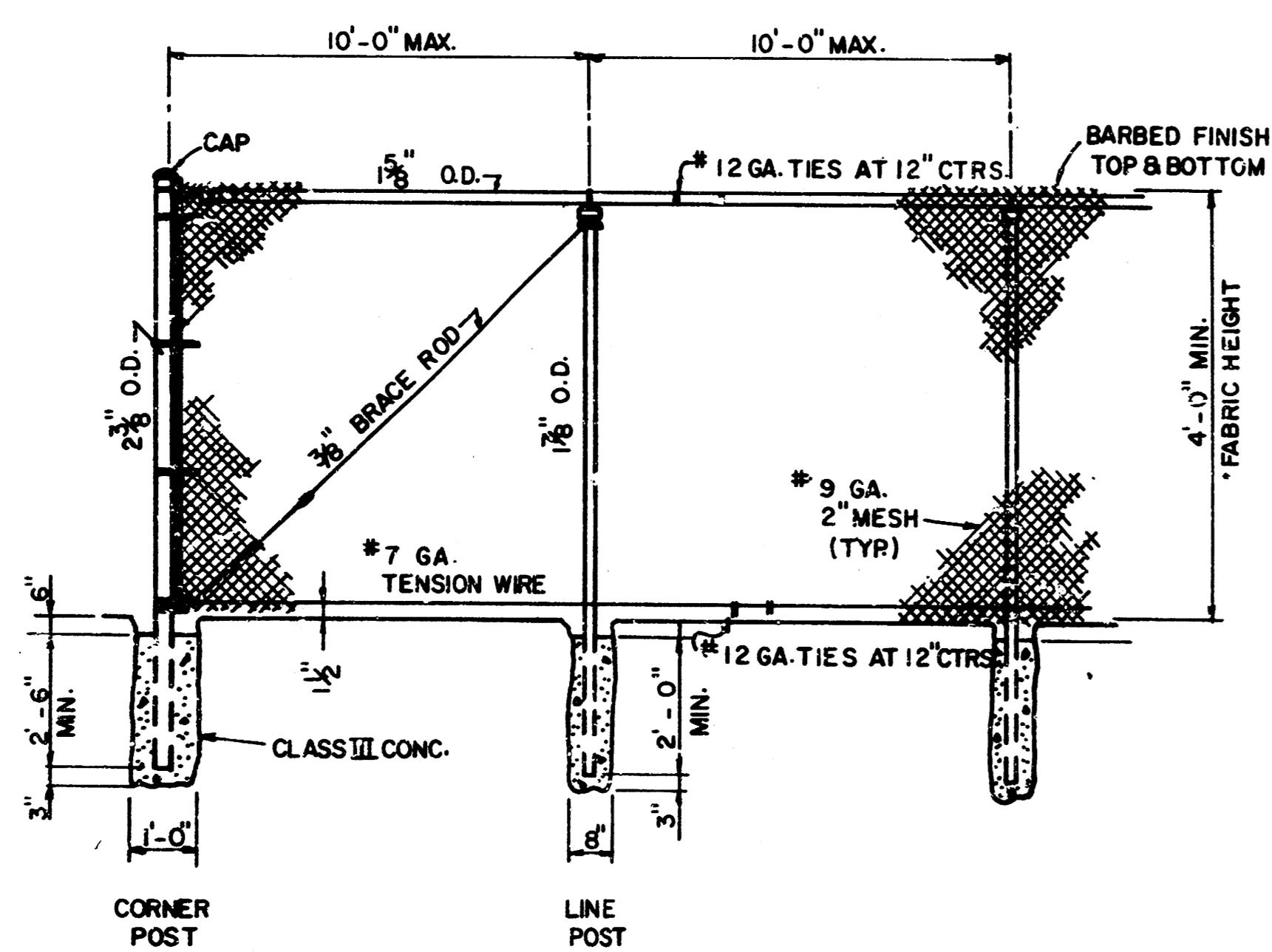


	SIDEWALK IMPROVEMENTS N. Side Pawnee in Area Of C.R.I. & P. Railroad (W. Of Mead)	Design: <i>CHS</i> Drawn by: <i>FF</i> Checked by: <i>KHE</i> Date: Job No.
	MID-KANSAS ENGINEERING CONSULTANTS PA 3500 N. ROCK ROAD BUILDING 800 WICHITA, KANSAS 67206 682-6561	Sheet 5 of 10

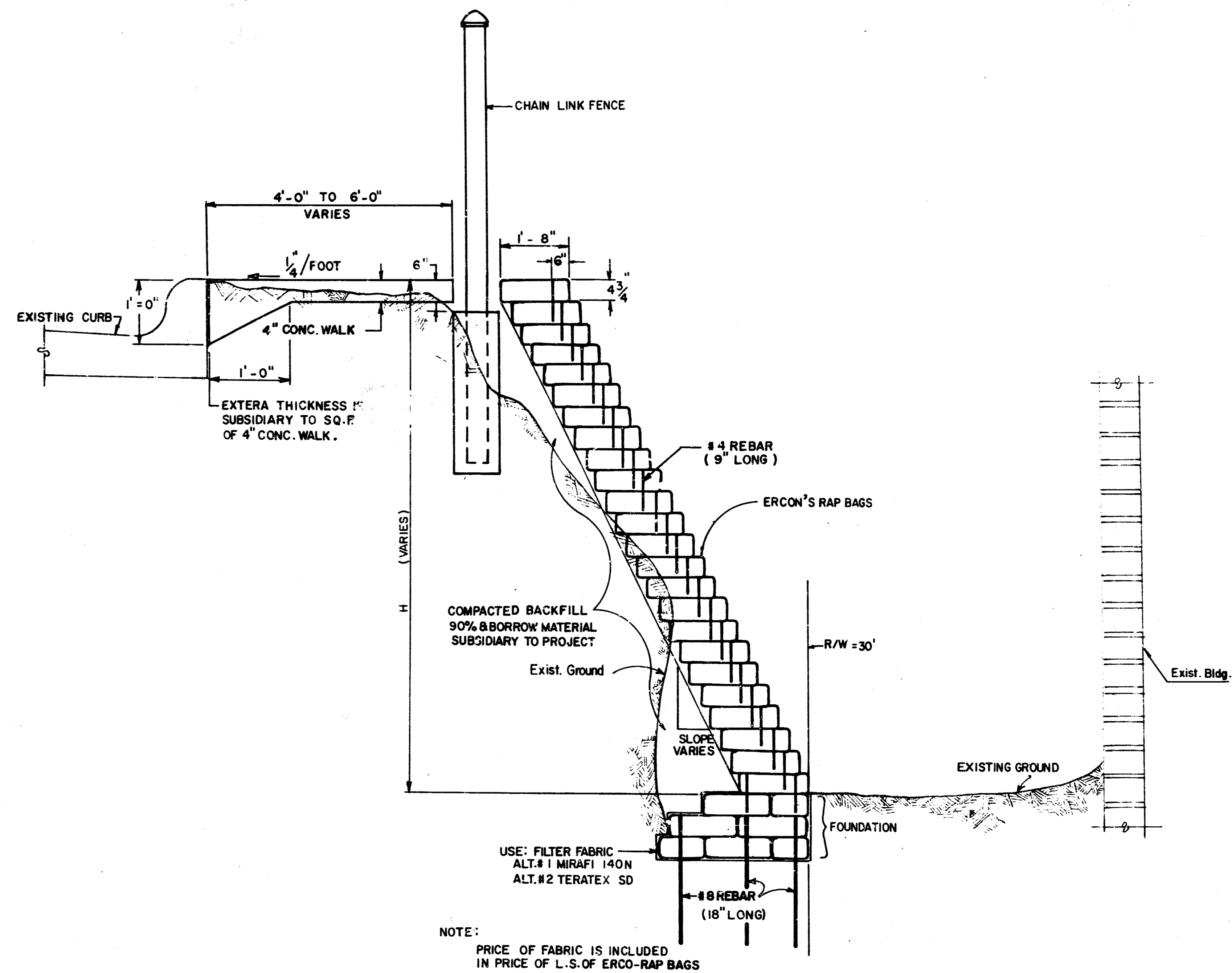


NOTE:
COST OF EXTRA THICKNESS AT RAILROAD CROSSING
TO BE SUBSIDIARY TO PRICE BID PER SQUARE FOOT
OF SIDEWALK.

NEW SIDE WALK CONSTRUCTION ABUTTING RUBBERIZED RAIL ROAD CROSSING



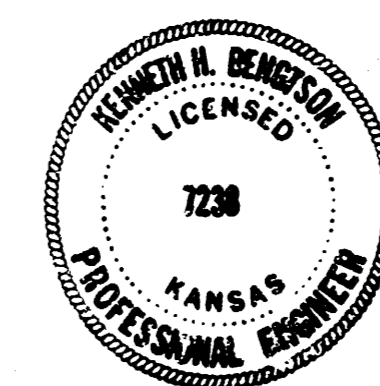
CHAIN LINK FENCE DETAIL



NOTE:
PRICE OF FABRIC IS INCLUDED
IN PRICE OF L.S. OF ERCON-RAP BAGS

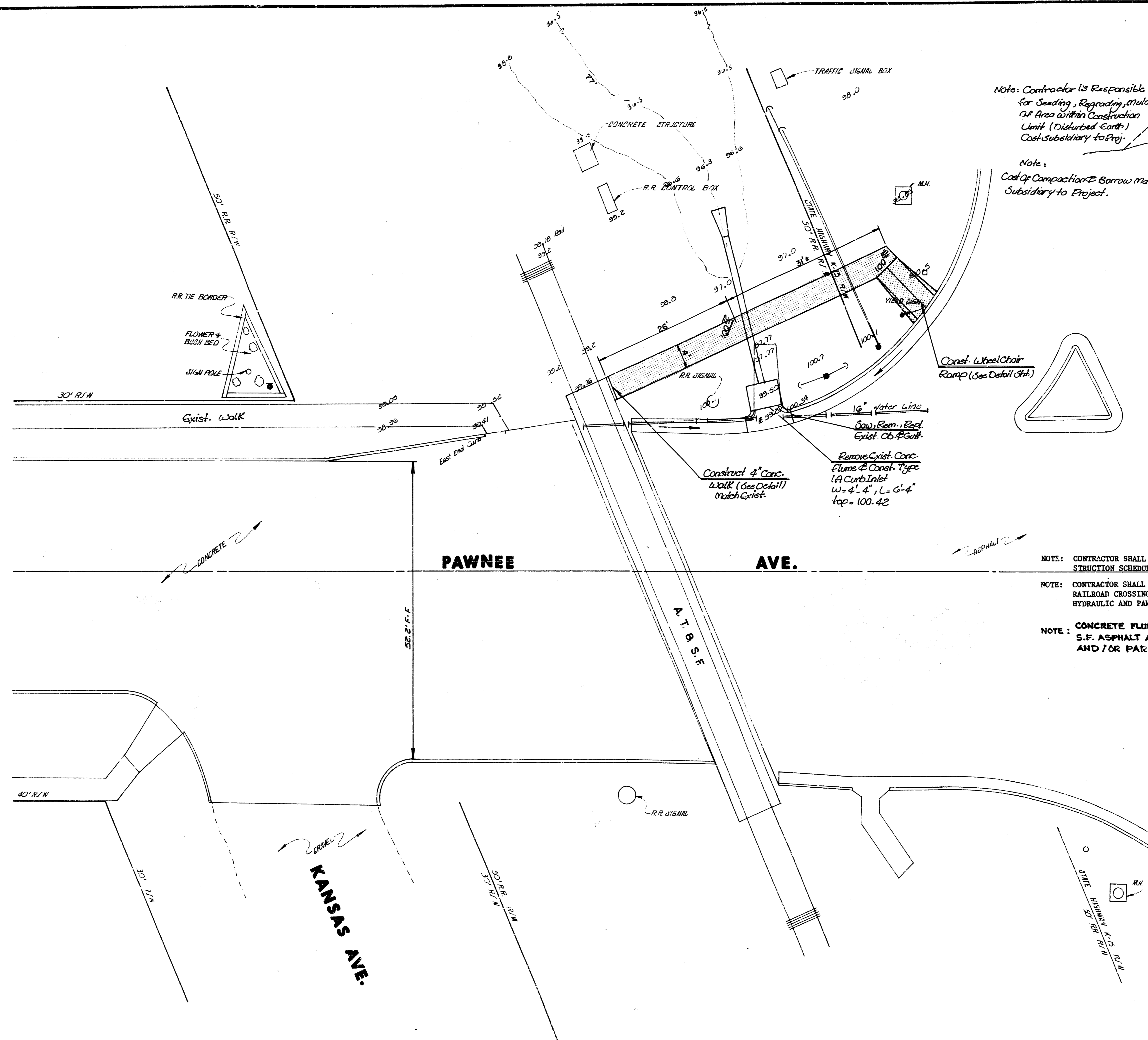
RETAINING WALL AT PAWNEE AND MEAD

- NOTES:
1. CURING. AFTER ALL SACKED CONCRETE HAS BEEN PLACED, IT SHALL BE CURED BY SPRINKLING WITH A FINE SPRAY OF WATER UNTIL THOROUGHLY SOAKED, BUT SO THAT NO RUN-OFF OCCURS, EVERY TWO HOURS DURING THE DAYTIME FOR A PERIOD OF THREE DAYS.
 2. WEEP HOLES. WEEP HOLES SHALL BE PROVIDED, ONE PER EACH 100 SQUARE FEET, AND SHALL BE FORMED BY INSERTING 2x2-INCH OILED STAKES BETWEEN ADJOINING SACKS. AS SOON AS THE SACKED CONCRETE HAS RECEIVED ITS INITIAL SET, THE STAKES SHALL BE REMOVED.

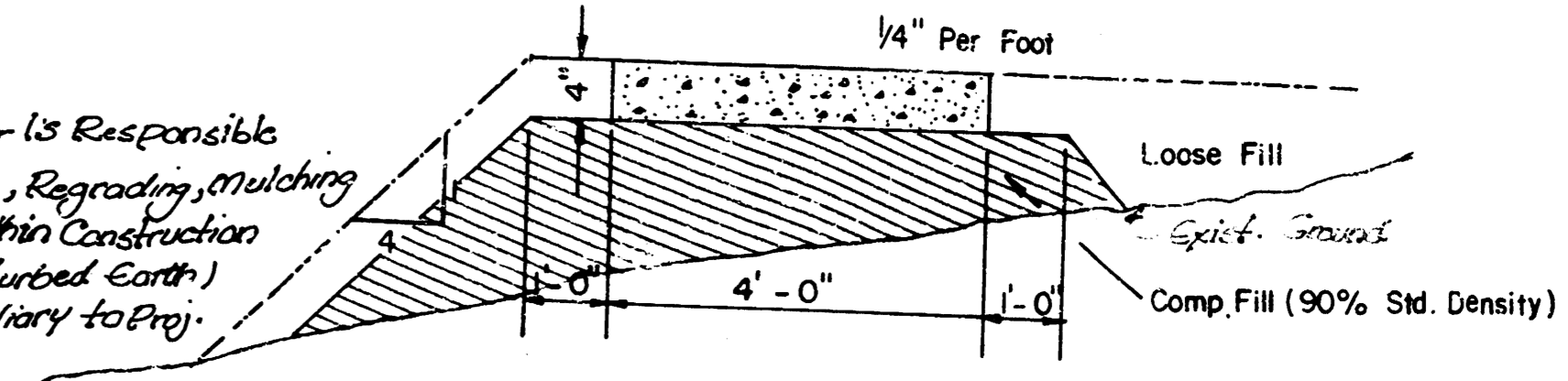


	DETAIL SHEET FOR N. SIDE PAWNEE IN AREA C.R.L.P. R. ROAD (W. OF MEAD) & HYDRULIC TO K-15	Date: 8/15 Drawn by: C.E. Checked by: K.H.B. Date: Job No.:
	MID-KANSAS ENGINEERING CONSULTANTS PA 3500 NORTH ROCK HWY. BUILDING 4000 WICHITA, KANSAS 67220	Sheet No. 6 of 10

B.M.: DISC, 42.4 FT. SOUTH AND 32 FT. WEST
FROM CENTERLINE OF PAWNEE AND HYDRAULIC.
ELEV. = 97.15



Note: Contractor is Responsible for Seeding, Regrassing, Mulching of Area Within Construction Limit (Disturbed Earth) Cost Subsidiary to Proj.



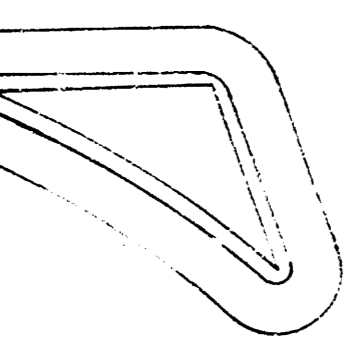
Note: Cost of Compaction & Borrow Material Subsidiary to Project.

4" CONCRETE WALK DETAIL

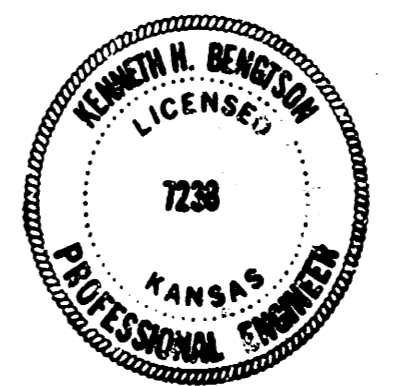


Scale: 1" = 10'

- NOTE: CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES OF CONSTRUCTION SCHEDULING.
- NOTE: CONTRACTOR SHALL NOT CONSTRUCT SIDEWALK BEFORE RUBBERIZING RAILROAD CROSSING AND SHALL COORDINATE WITH CONTRACTOR OF HYDRAULIC AND PAWNEE REPAVING PROJECT.
- NOTE: CONCRETE FLUME REMOVED IS TO BE PAID AS BID FOR S.F. ASPHALT AND CONCRETE SIDEWALK, DRIVEWAY AND/OR PARKING LOT PAVEMENT REMOVED.



SIDEWALK IMPROVEMENTS
From HYDRAULIC To K-15
(N. Side PAWNEE)



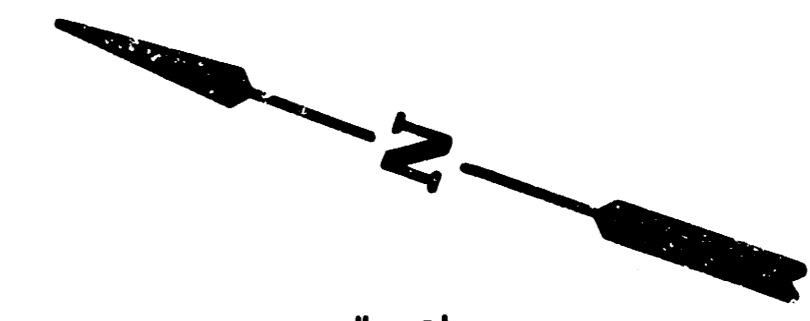
MID-KANSAS ENGINEERING CONSULTANTS PA
3500 NORTH ROCK ROAD
BUILDING #800
WICHITA, KANSAS 67226

682-6561

Design	7/10
Drawn by	
Checked by	
Date	
Sheet	7
of	10

K-15

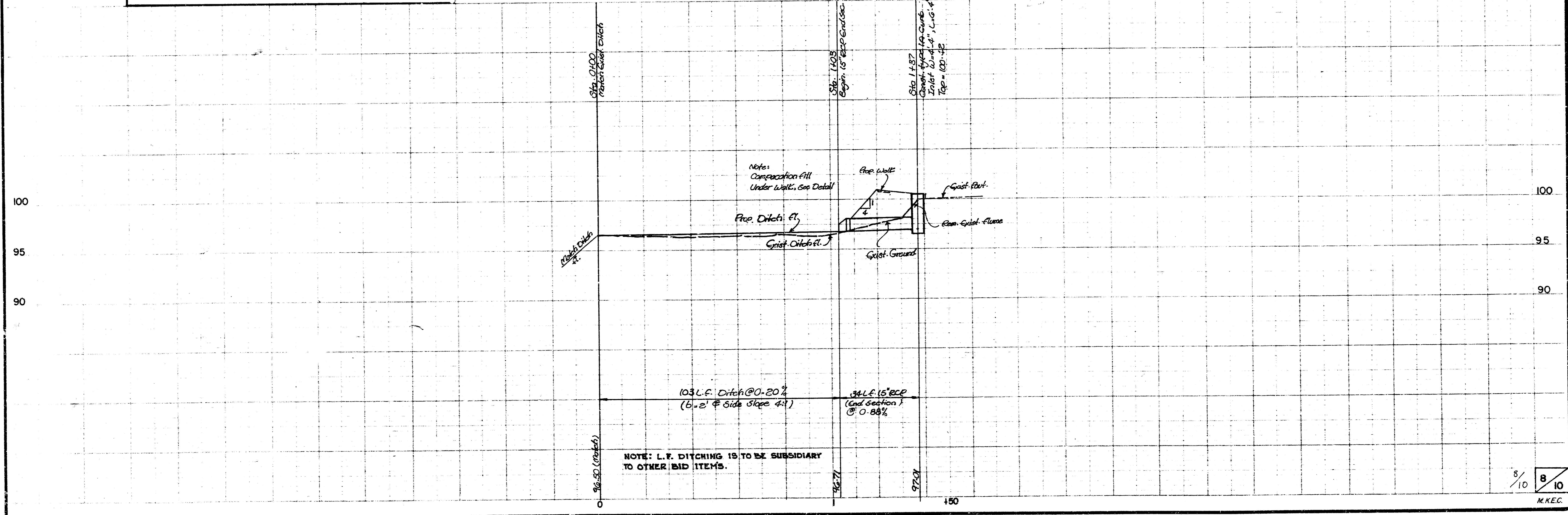
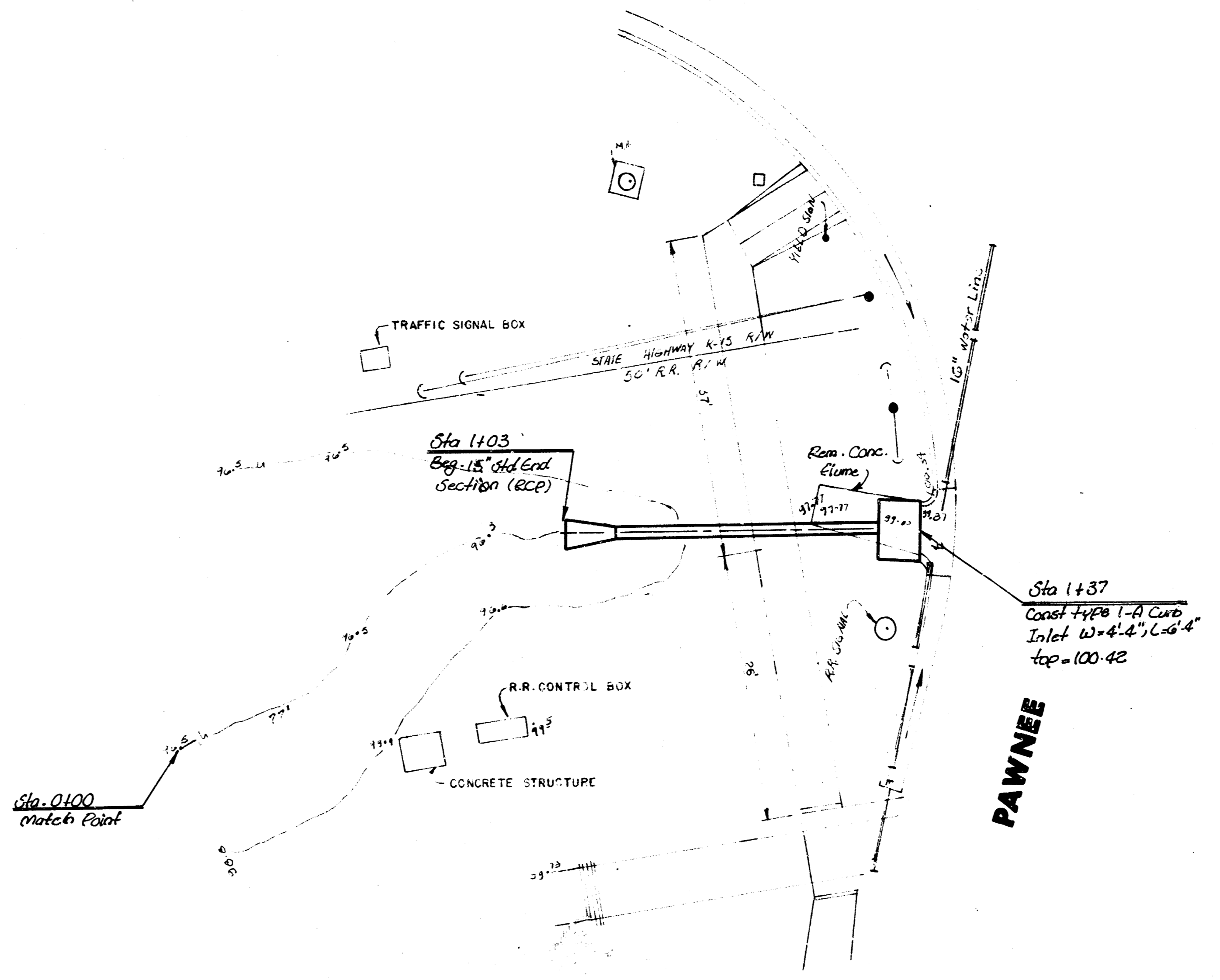
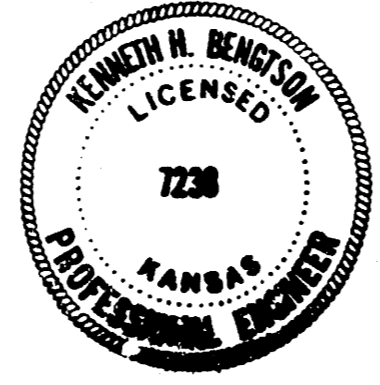
PAWNEE & K-15

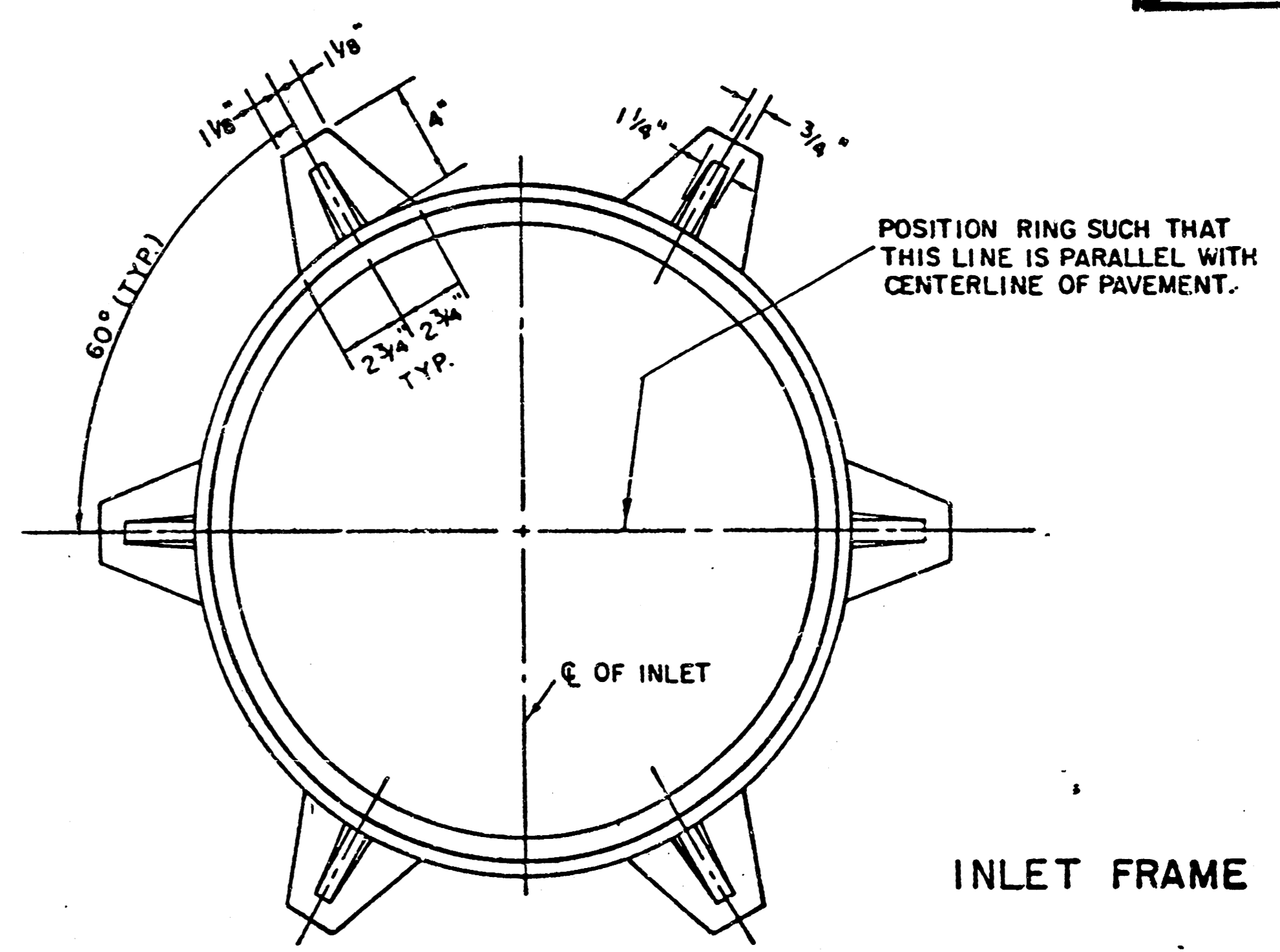
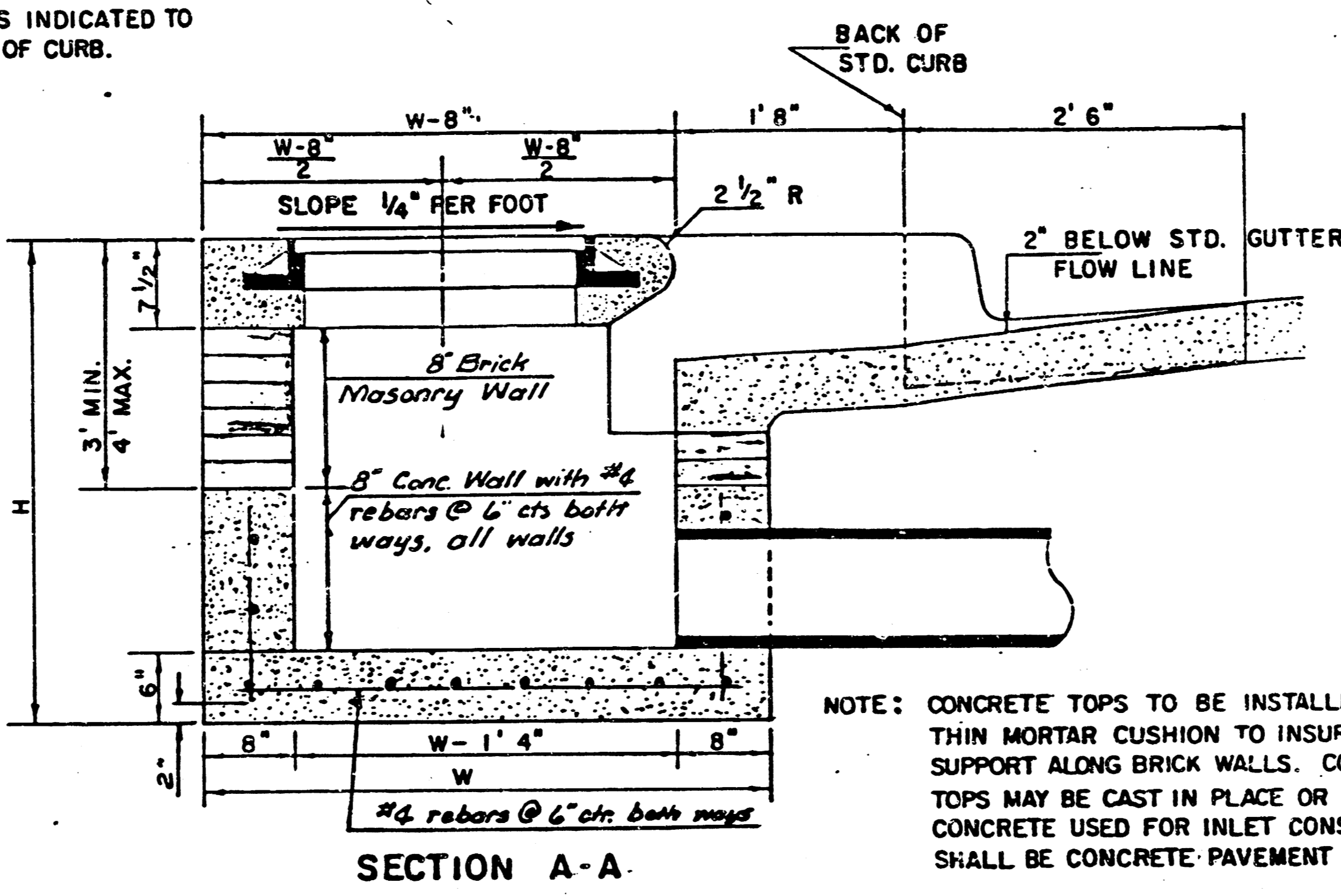
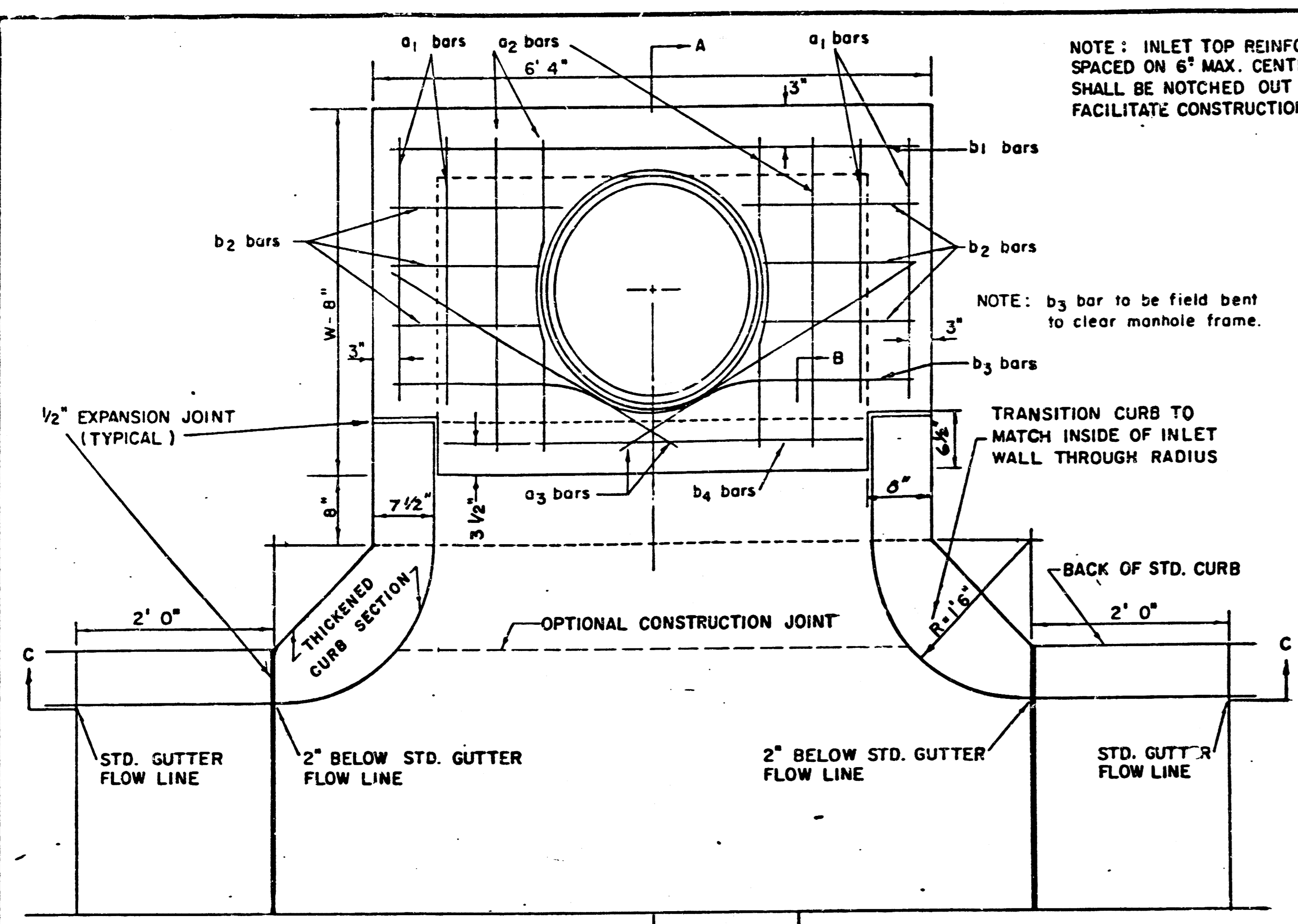


Scale: 1" = 10'
1" = 20' Horiz.
1" = 5' Vert.

DITCH DETAIL

NOTE: Contractor shall be responsible for seeding and mulching of ditch. Cost subsidiary to Project.





NOTE: CONTRACTOR SHALL HAVE THE OPTION OF CONSTRUCTING 8" BRICK MASONRY WALLS BETWEEN THE CONCRETE INLET BASE AND TOP ON THIS INLET WHEN $W = 4'4"$ AND $H = 6'6"$ OR LESS.

ADDITIONAL CURB AND GUTTER CONSTRUCTION NECESSARY TO CONNECT SET-BACK INLET TO PAVEMENT WILL BE PAID FOR AT 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.

STEEL SCHEDULE

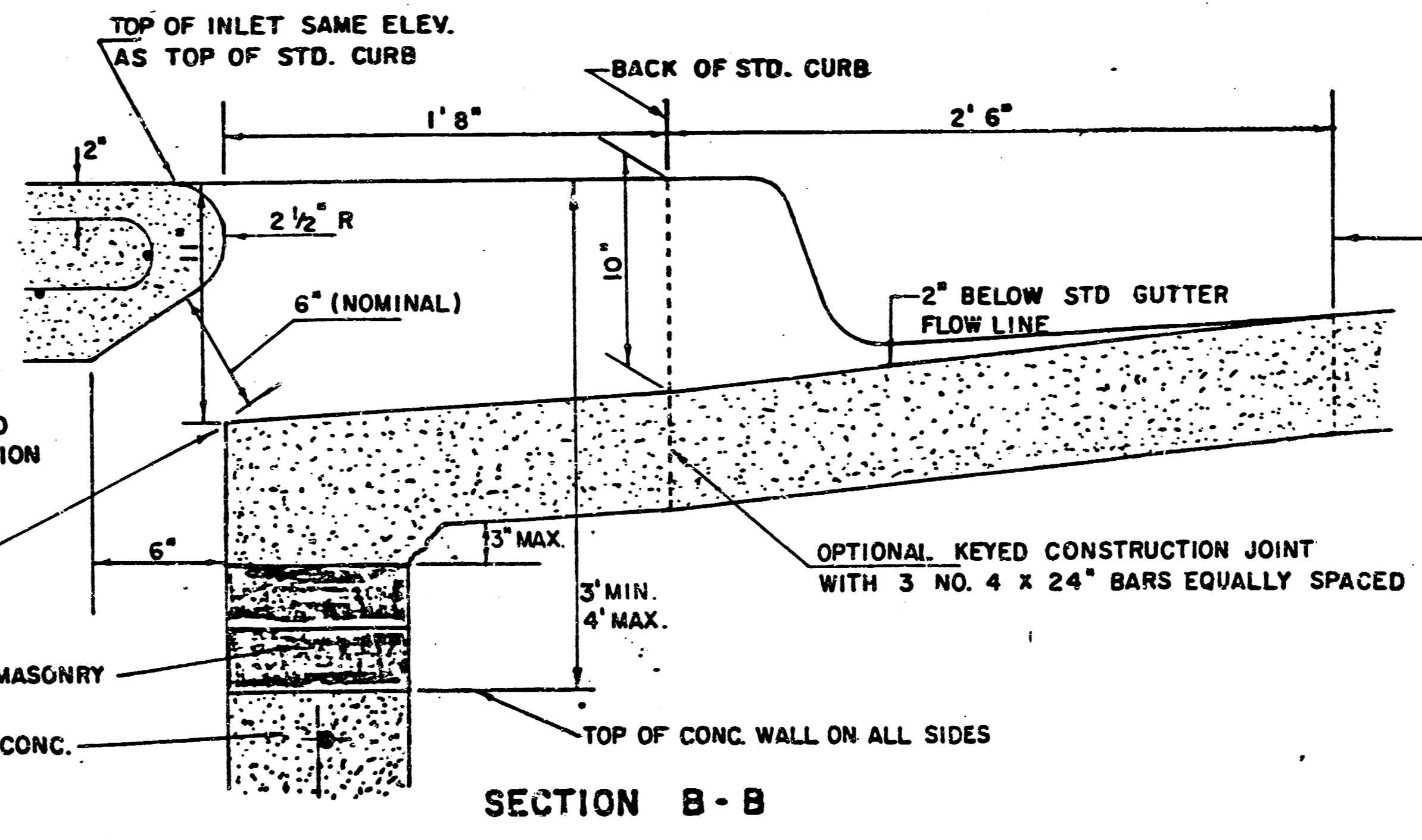
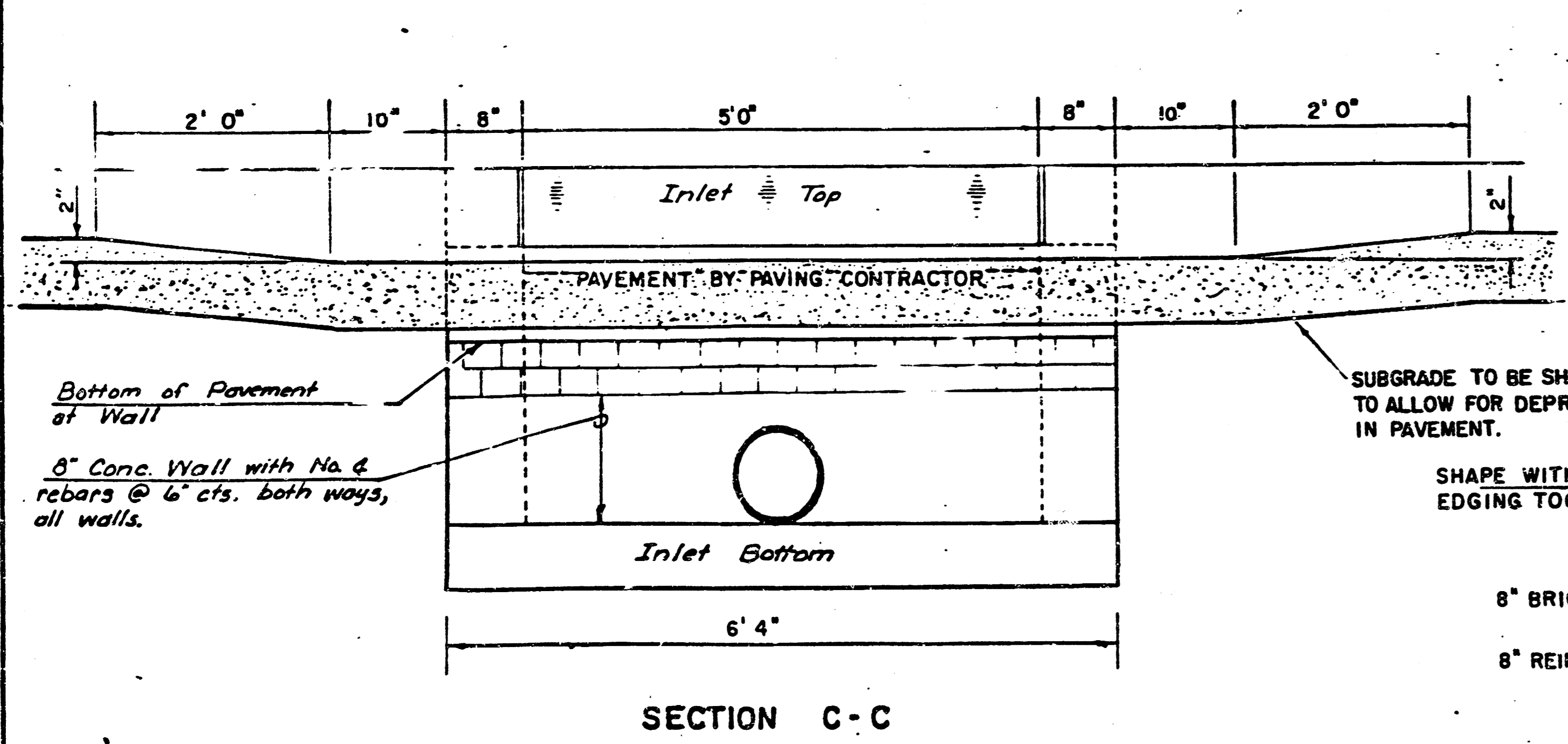
BAR NUMBER	a ₁	a ₂	a ₃	b ₁	b ₂	b ₃	b ₄	WT. LBS.
4	4	4	2	1	3	5	7	61
5	4	4	4	4	4	4	4	81
6	4	4	6	4	4	4	4	101
7	4	4	8	4	4	4	4	121
8	4	4	10	4	4	4	4	141

NOTE: a_3 BARS TO BE PLACED APPROX. 2" BELOW TOP OF INLET COVER

STANDARD CURB INLET PRECAST TOPS

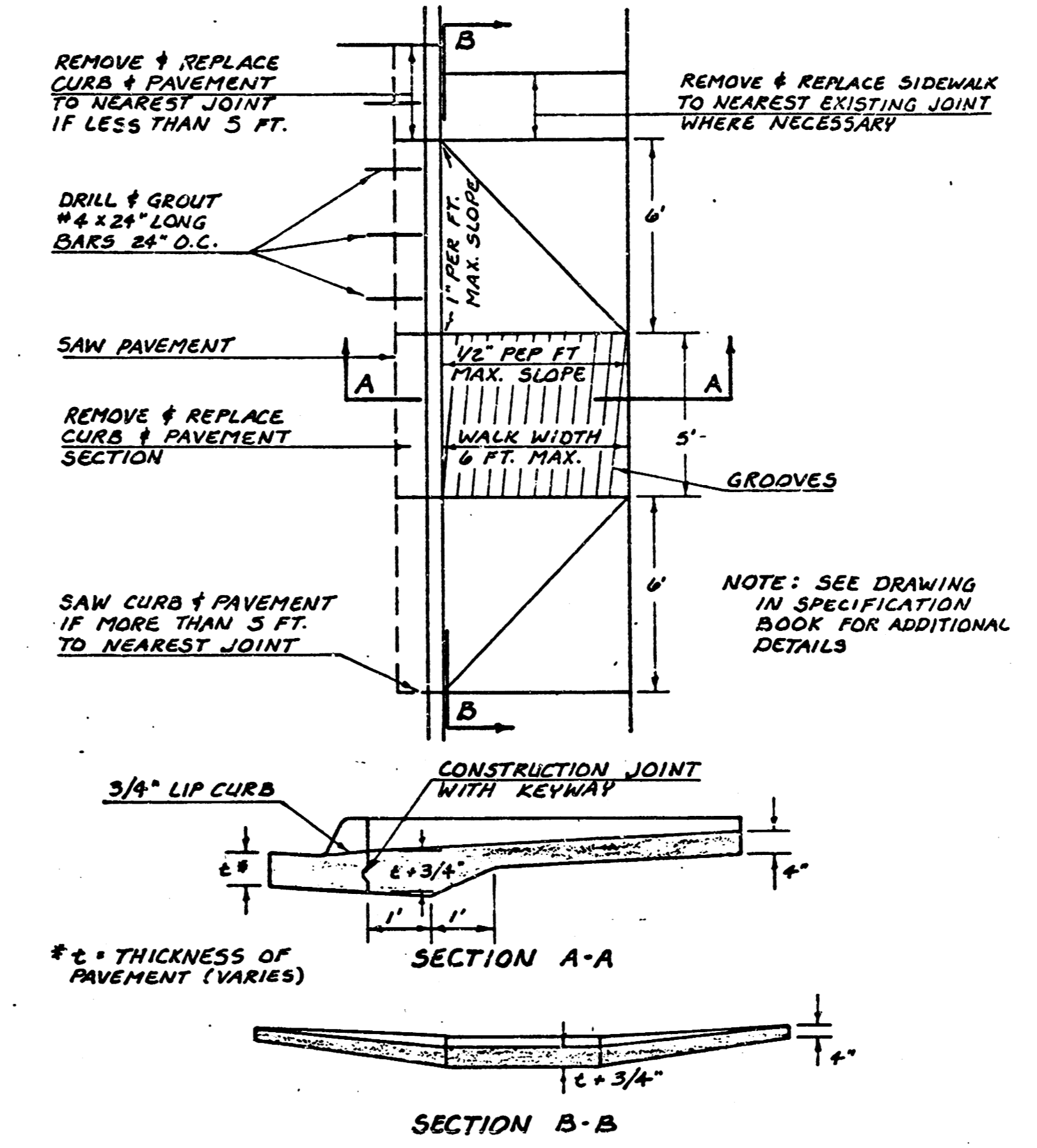
W	PRE-CAST TOP SIZE	PIPE SIZE	CU. YD. CONC.
4' 4"	3' 6" x 6' 4" x 7 1/2"	21" & SMALLER	0.38 ±
5' 4"	4' 8" x 6' 4" x 7 1/2"	24" & 30"	0.51 ±
6' 4"	5' 8" x 6' 4" x 7 1/2"	36" & 42"	0.64 ±
7' 4"	6' 8" x 6' 4" x 7 1/2"	48" & 54"	0.77 ±
8' 4"	7' 8" x 6' 4" x 7 1/2"	60" & 66"	0.90 ±

BENDING DIAGRAM

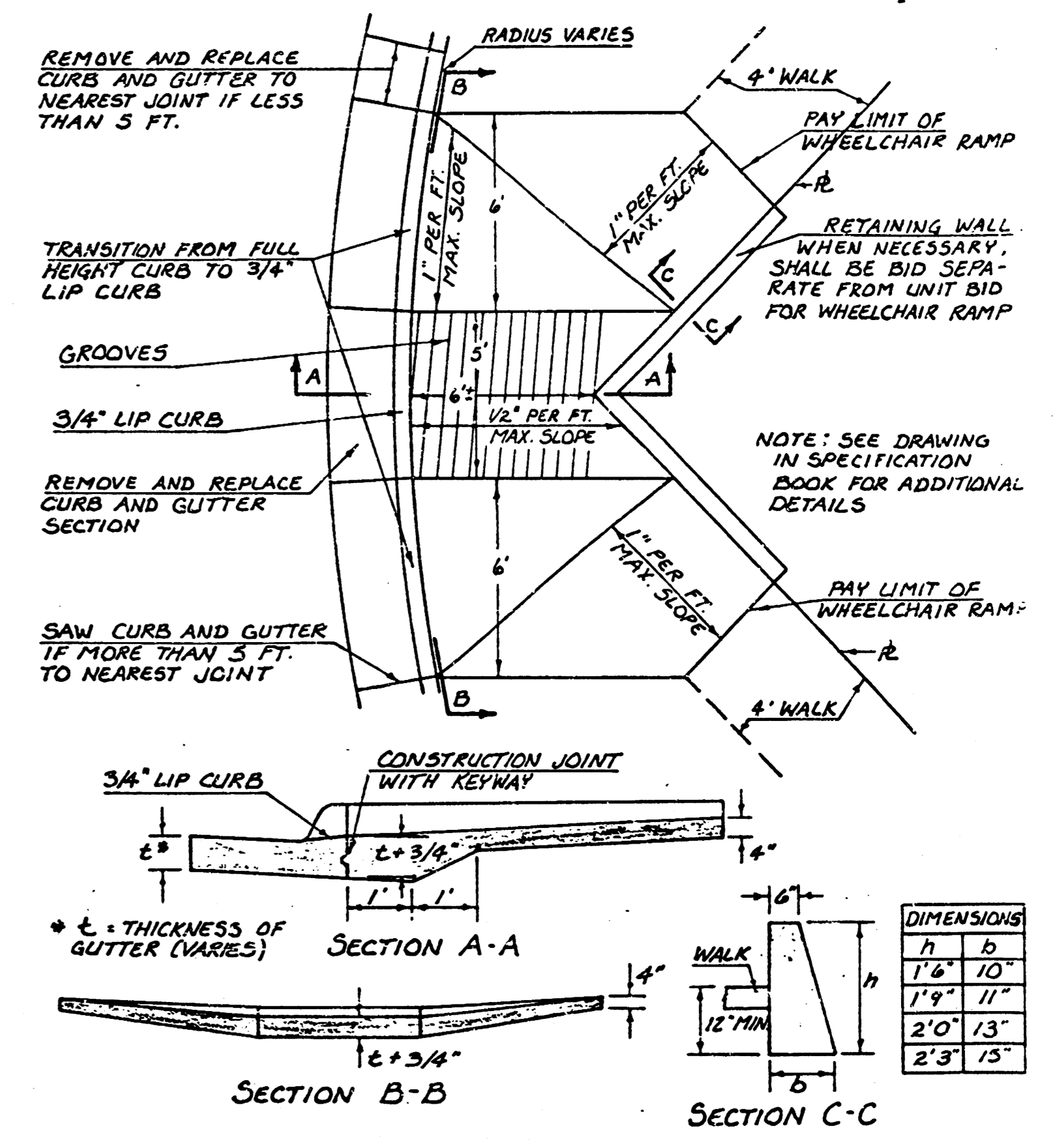


DETAIL STANDARD TYPE IA CURB INLET
 CITY OF WICHITA, KANSAS
 INLET OPENING = 6" x 5' 0"
 PROJ. NO. 472-76-245-81419-000-000-001
 JUNE 1984

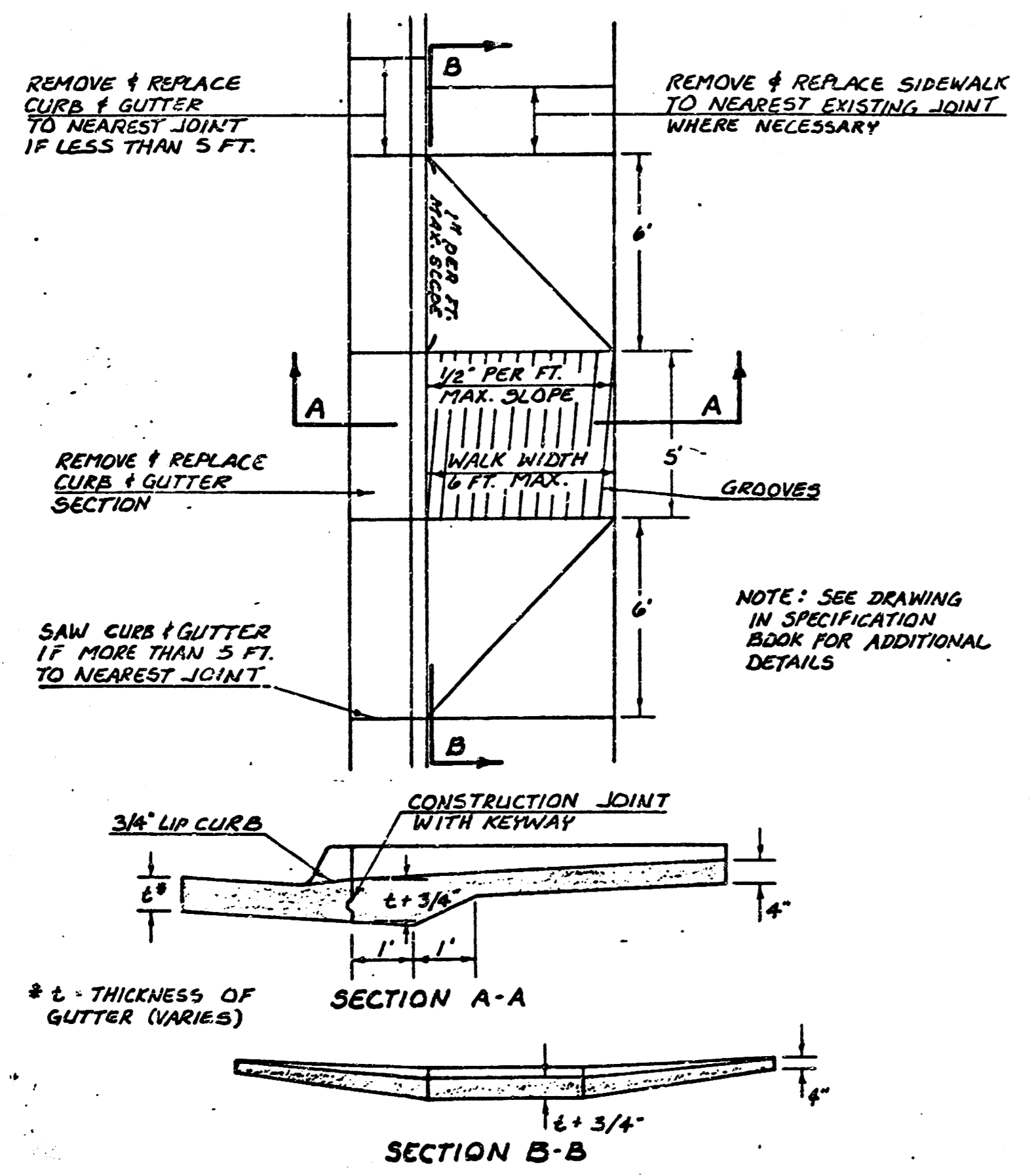
STANDARD WHEELCHAIR RAMP CONSTRUCTION DETAIL FOR CONCRETE STREETS WITH MONOLITHIC CURB AND FULL WALK



STANDARD WHEELCHAIR RAMP CONSTRUCTION DETAIL FOR STREET WITH COMBINED CURB AND GUTTER ON RADIUS WITH 6"± FROM BACK OF CURB TO PROPERTY CORNER

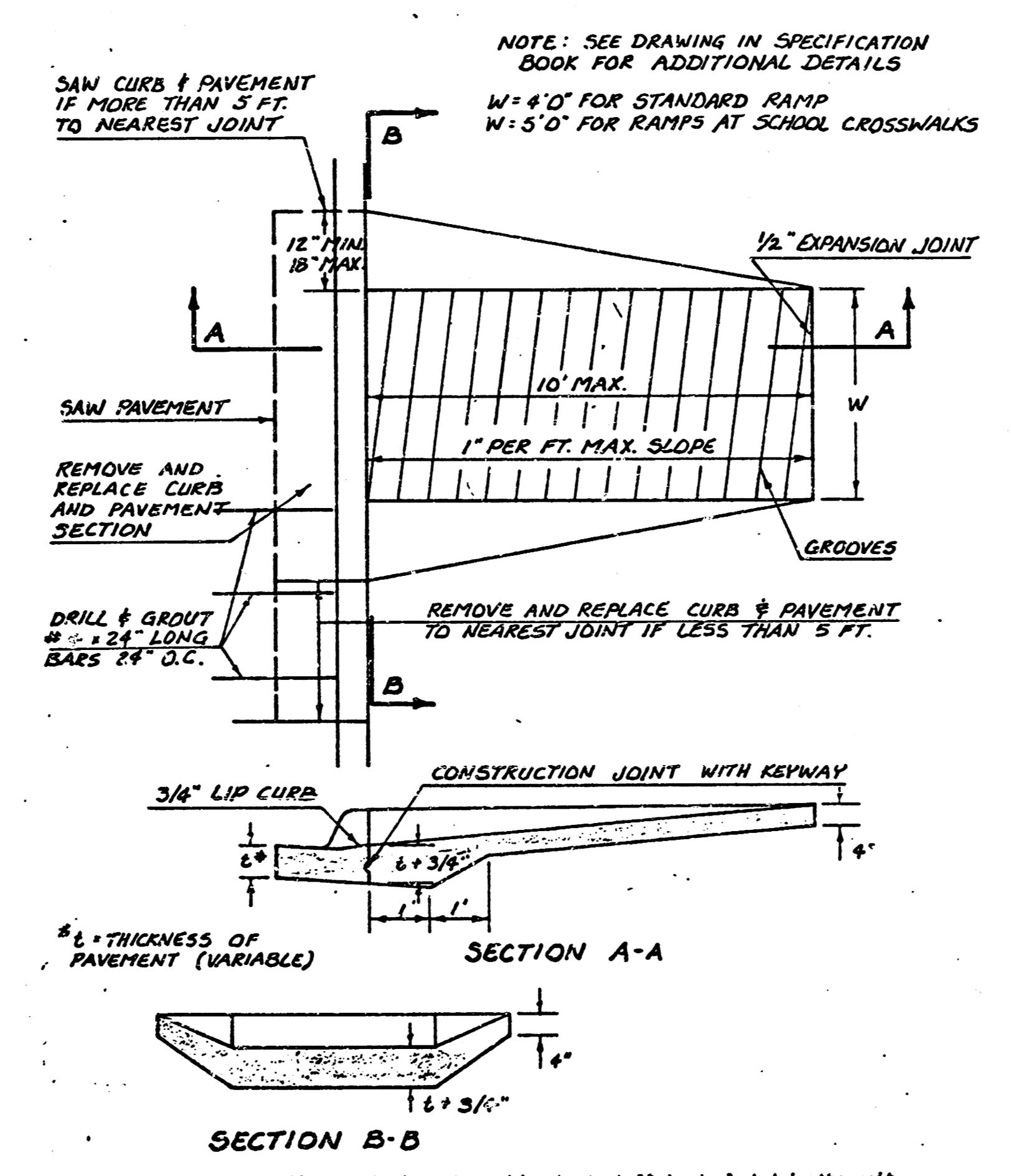


STANDARD WHEELCHAIR RAMP CONSTRUCTION DETAIL FOR STREETS WITH COMBINED CURB & GUTTER AND FULL WALK



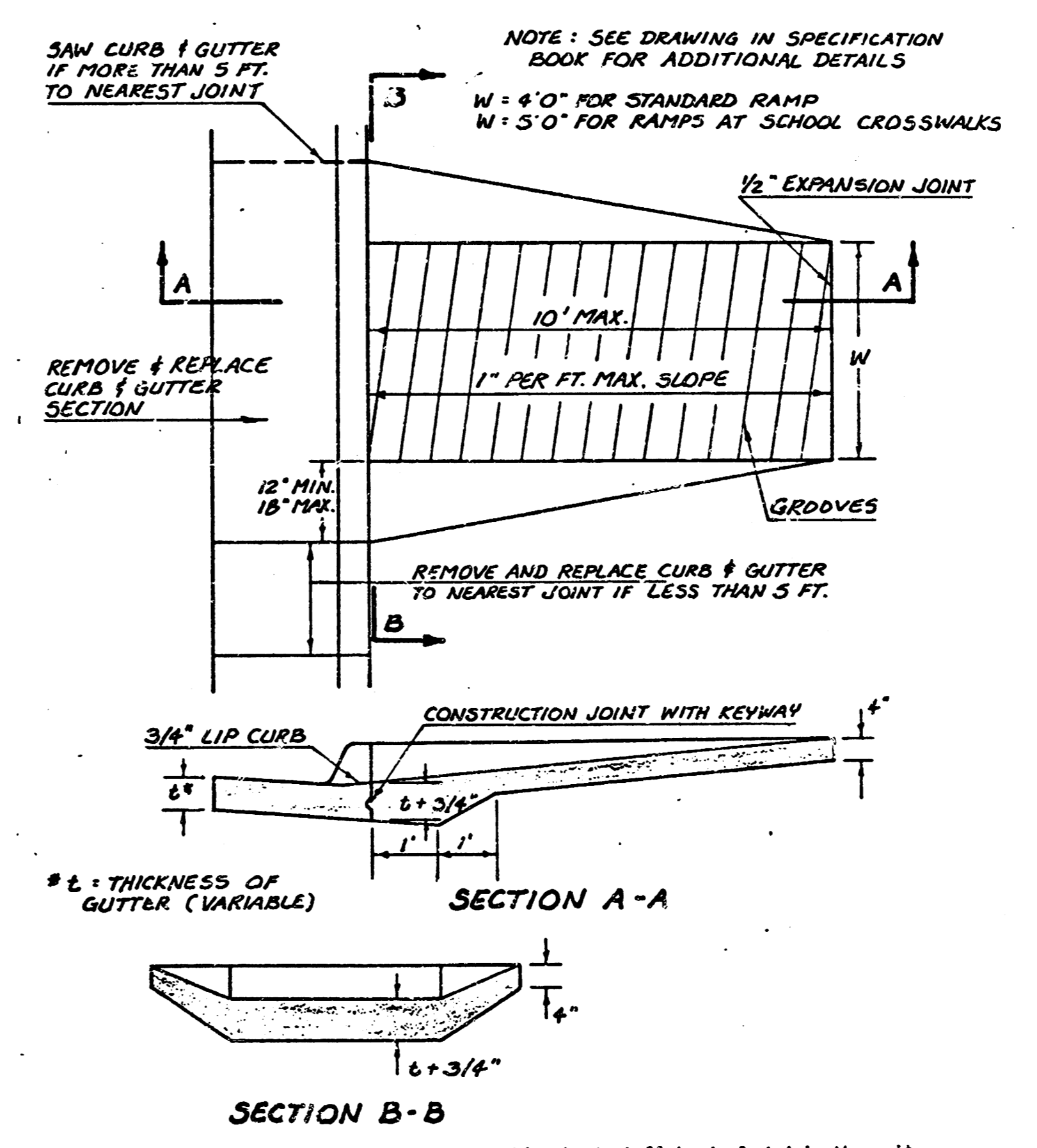
NOTE: The cost of all work indicated on this sheet shall be included in the unit price bid for wheel chair ramp which price shall include all costs of removing and reconstructing existing combined curb and gutter, compaction of subgrade and necessary area grading.

STANDARD WHEELCHAIR RAMP CONSTRUCTION DETAIL FOR CONCRETE STREETS WITH MONOLITHIC CURB



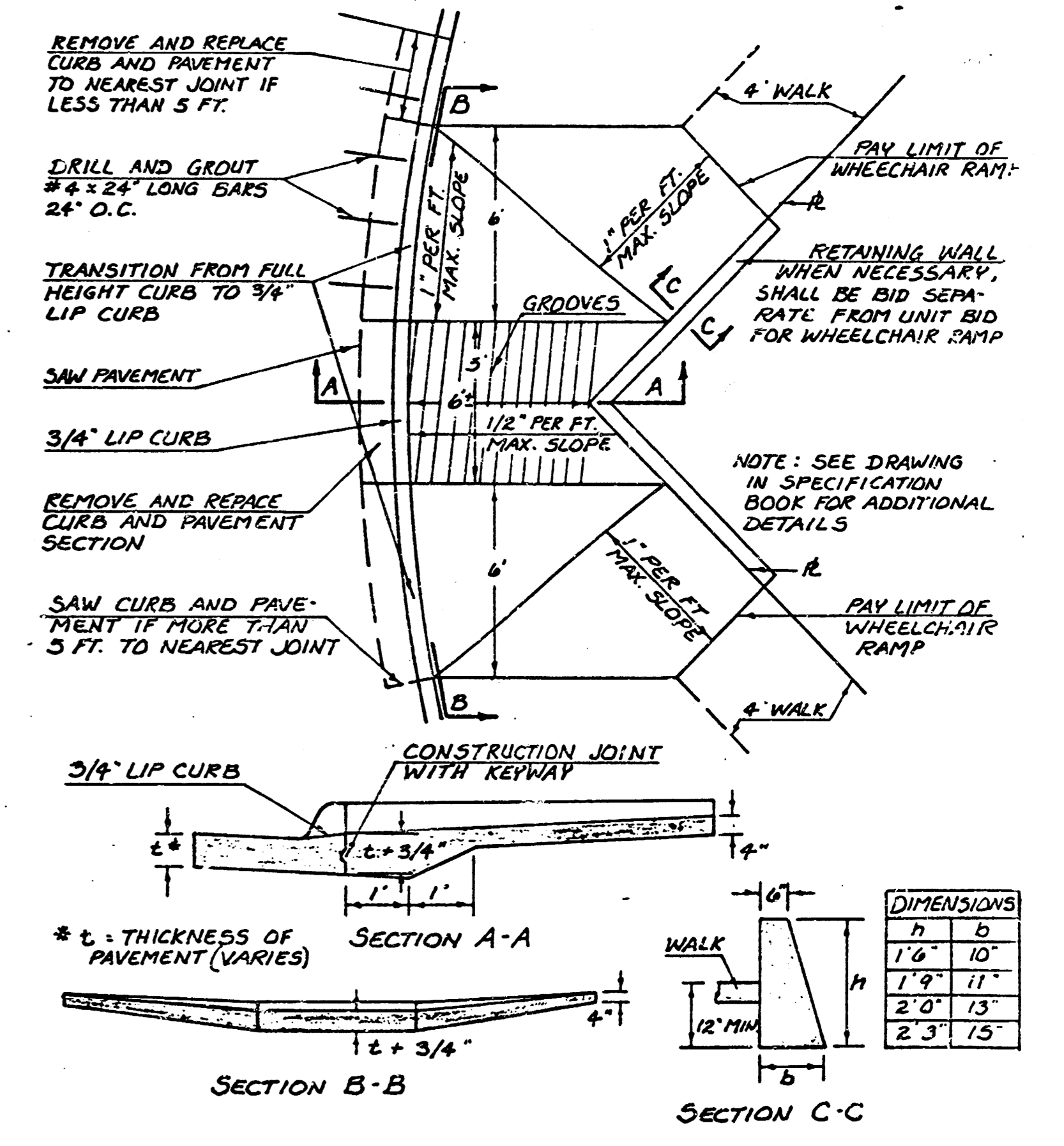
NOTE: The cost of all work indicated on this sheet shall be included in the unit price bid for wheel chair ramp which price shall include all costs of removing and reconstructing existing pavement and monolithic curb, compaction of subgrade and necessary area grading.

STANDARD WHEELCHAIR RAMP CONSTRUCTION DETAIL FOR STREETS WITH COMBINED CURB & GUTTER



NOTE: The cost of all work indicated on this sheet shall be included in the unit price bid for wheel chair ramp which price shall include all costs of removing and reconstructing existing combined curb and gutter, compaction of subgrade and necessary area grading.

STANDARD WHEELCHAIR RAMP CONSTRUCTION DETAIL FOR CONCRETE STREETS WITH MONOLITHIC CURB ON RADIUS WITH 6"± FROM BACK OF CURB TO PROPERTY CORNER



MISCELLANEOUS DETAILS
1984 ARTERIAL SIDEWALK
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