

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 IITH 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

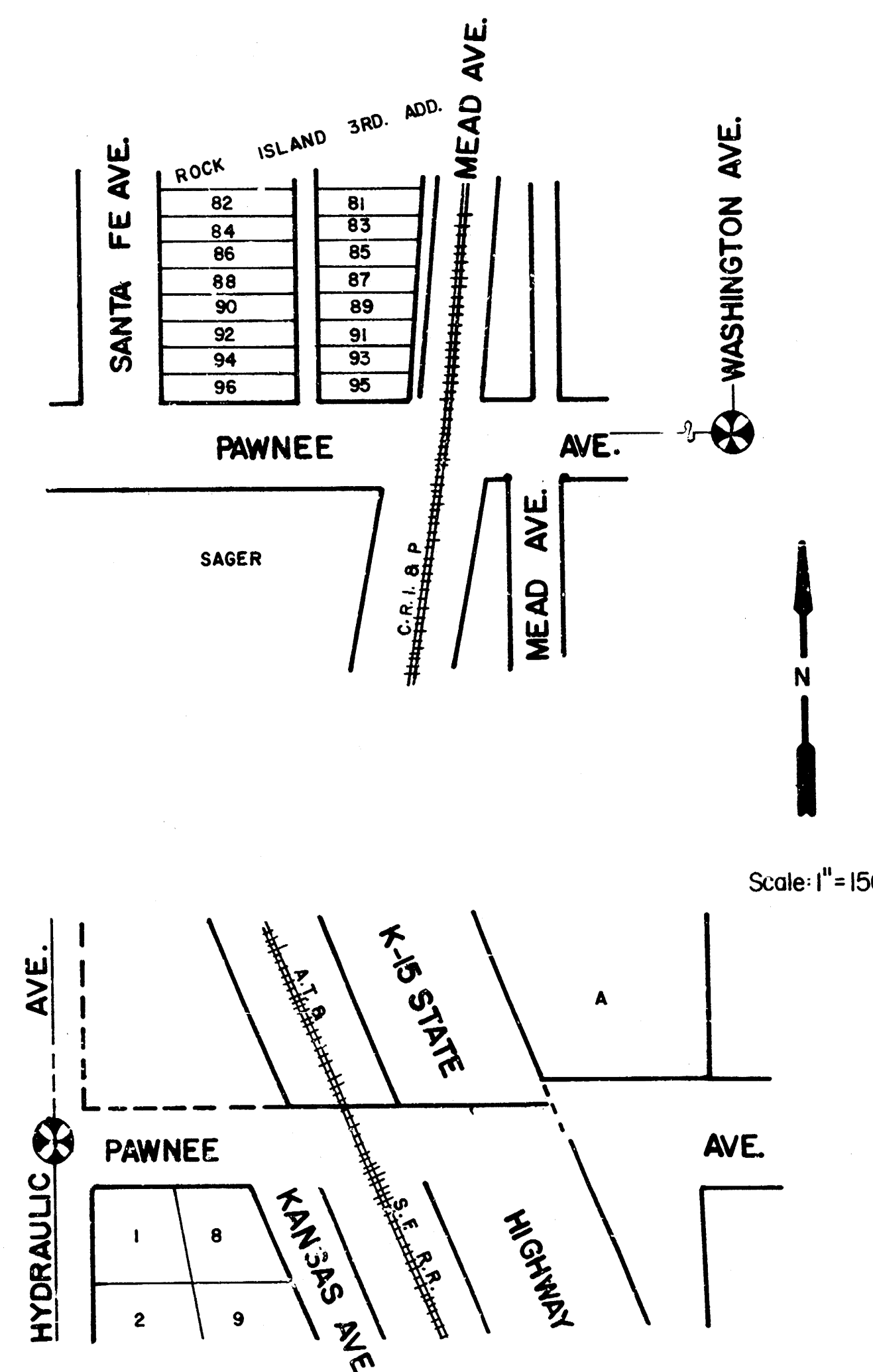
NORTH SIDE PAWNEE, EVERETT TO MERIDIAN

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 IITH STREET

WEST SIDE HYDRAULIC FROM HARRY TO MT. VERNON

NORTH SIDE PAWNEE FROM BROADWAY TO HYDRAULIC

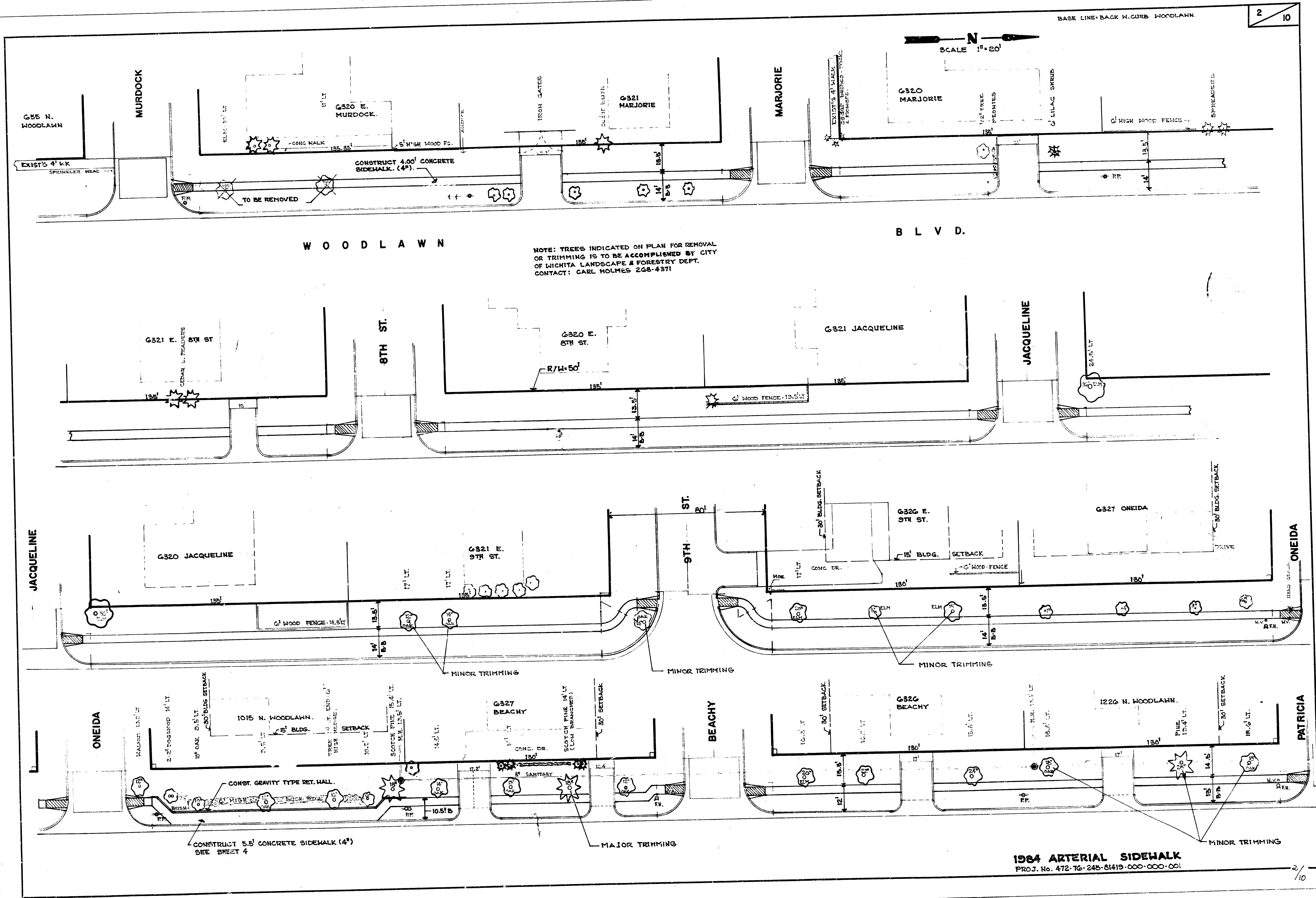
NORTH SIDE PAWNEE FROM HYDRAULIC TO K-15

SHEET NO.

DESCRIPTION

- | | |
|-----|--|
| 1 | COVER SHEET |
| 2-4 | PLAN W.S. WOODLAWN MURDOCK TO IITH 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.



G55 N. WOODLAWN

MURDOCK

G320 E. MURDOCK

G321 MARJORIE

MARJORIE

G320 MARJORIE

JACQUELINE

G321 JACQUELINE

G321 E. 8TH ST.

G320 E. 8TH ST.

G320 JACQUELINE

G321 E. 9TH ST.

G326 E. 9TH ST.

G327 ONEIDA

ONEIDA

ONEIDA

G327 BEACHY

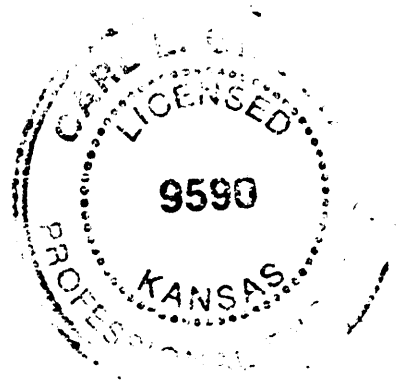
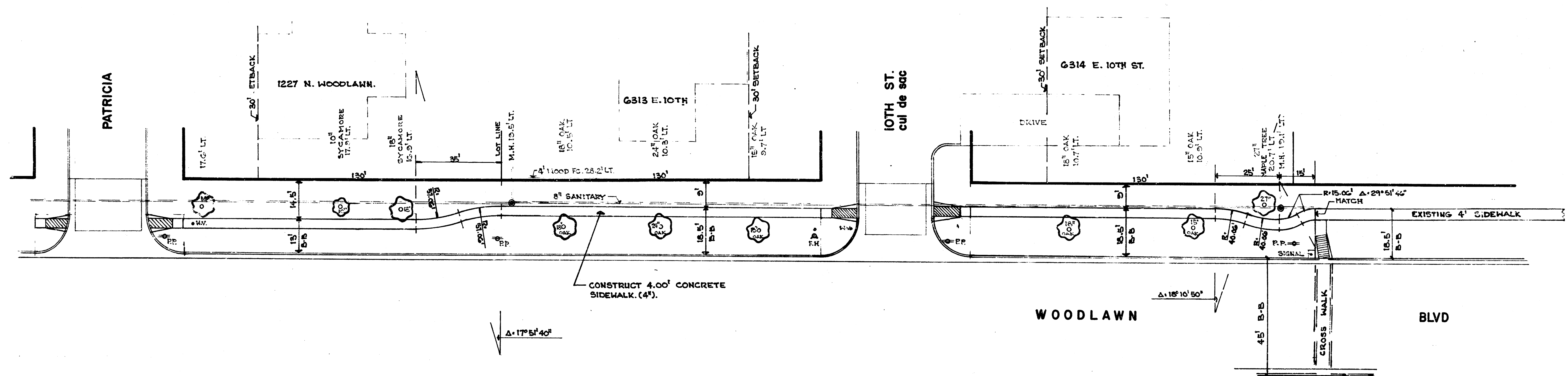
BEACHY

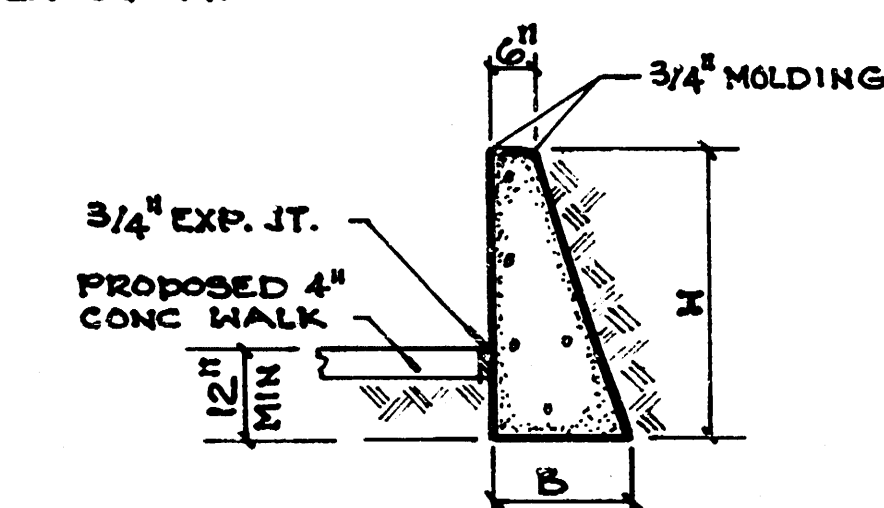
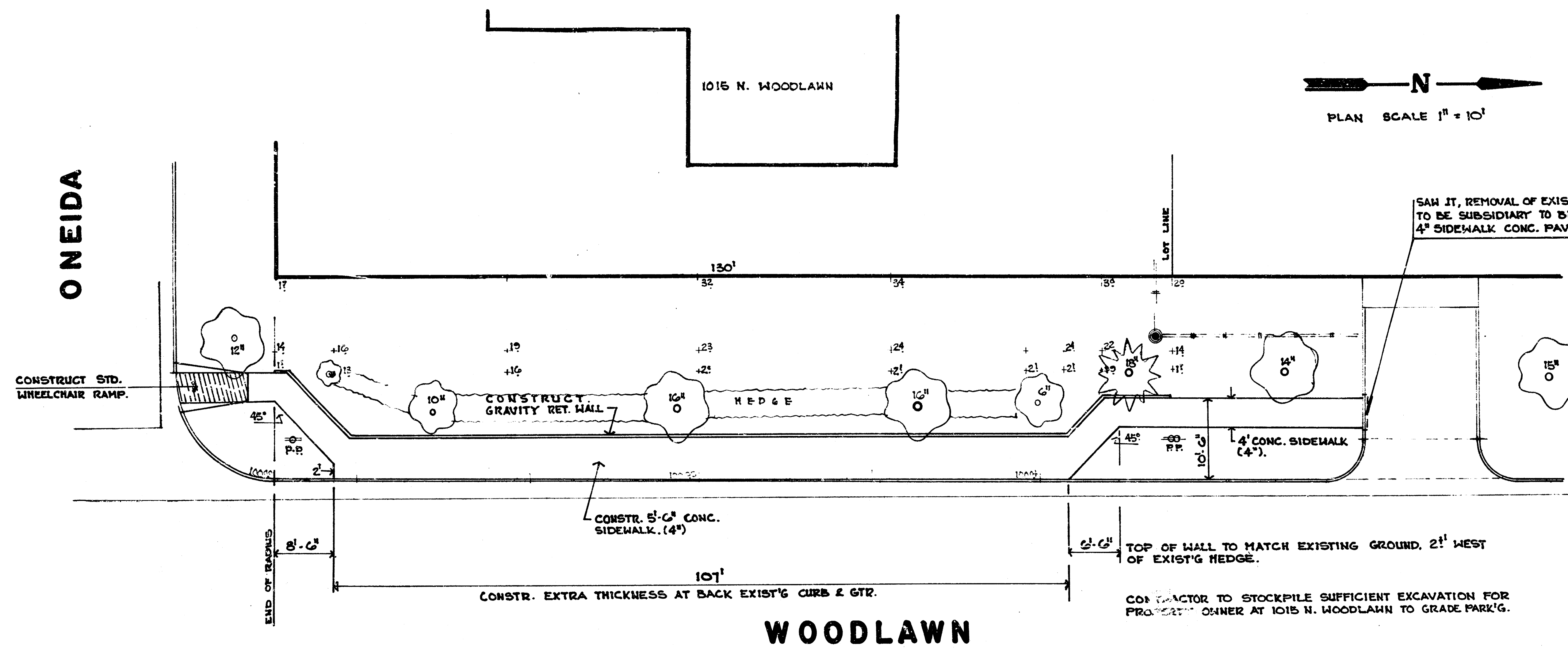
G326 BEACHY

1226 N. WOODLAWN

PATRICIA

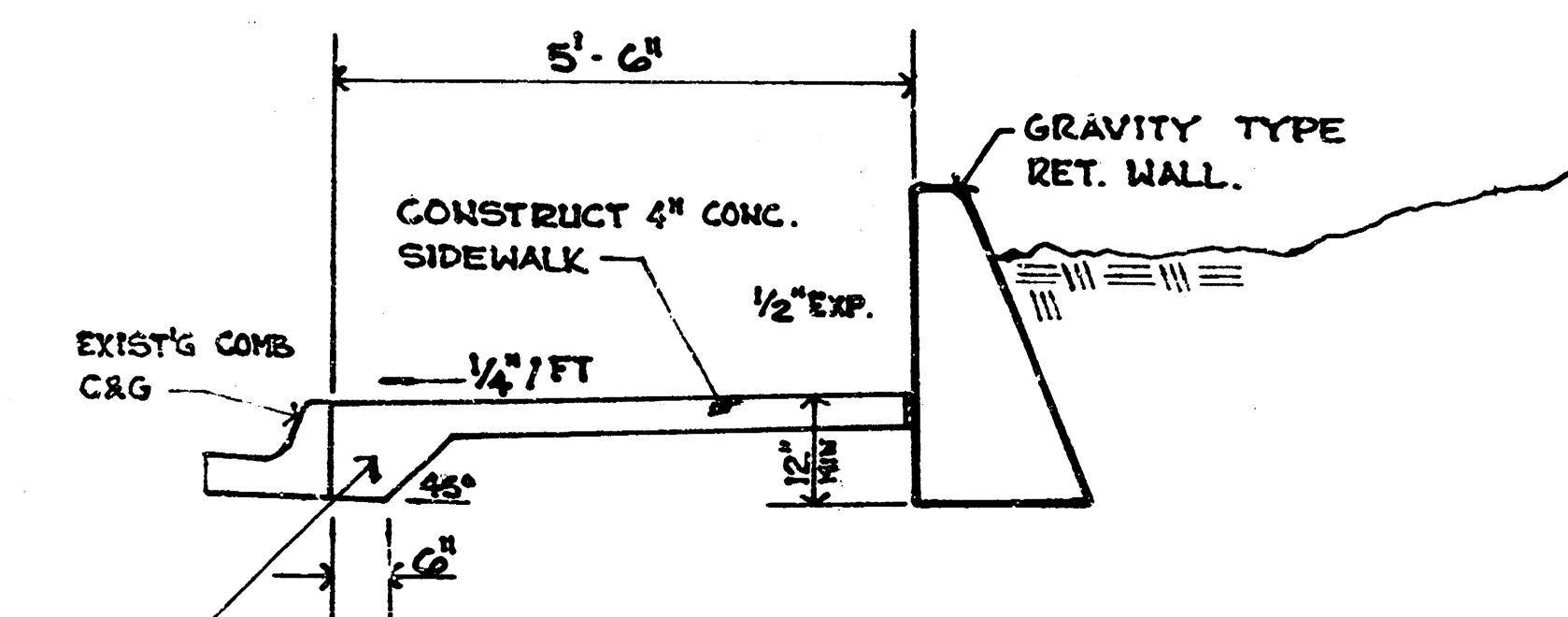
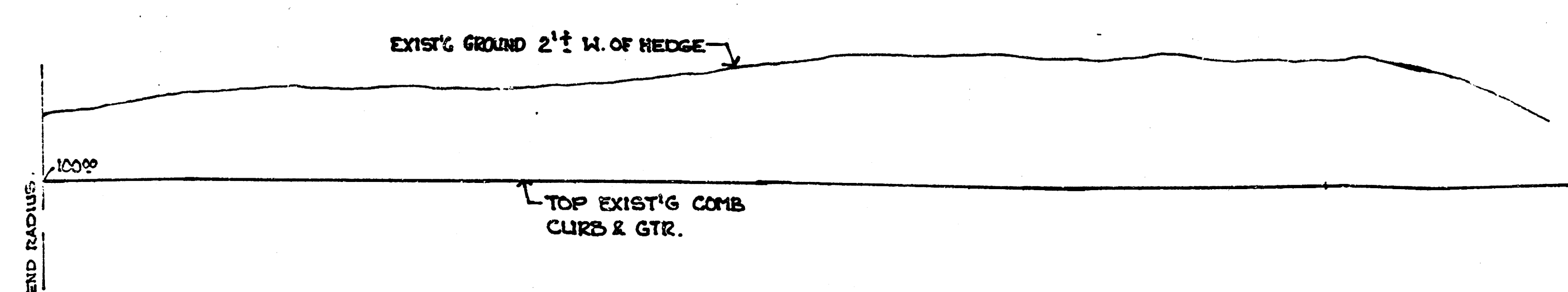
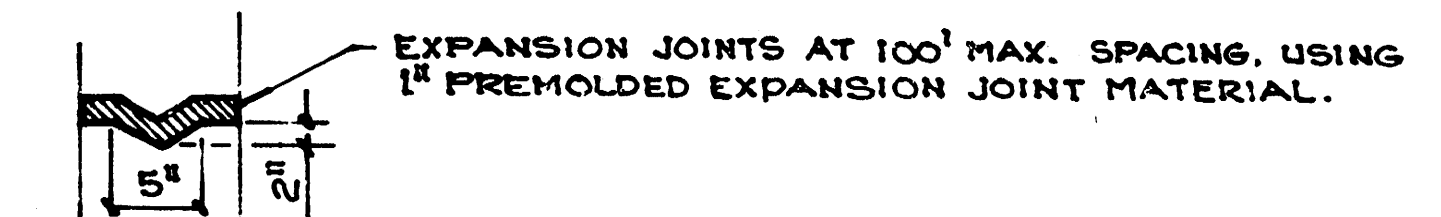
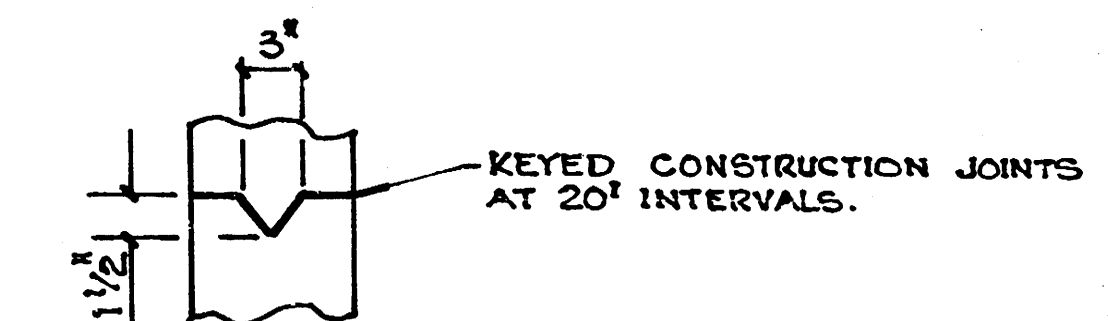
1984 ARTERIAL SIDEWALK
PROJ. No. 472-76-245-01419-000-000-001





DIMENSIONS		C.Y. CONC
H	B	FOOT
1'-6"	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

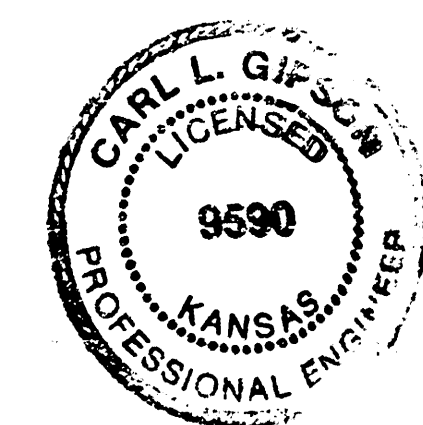
NOTE: CONCRETE USED IN RETAINING WALLS SHALL BE STD. CONCRETE PAVING MIX.



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

SECTION

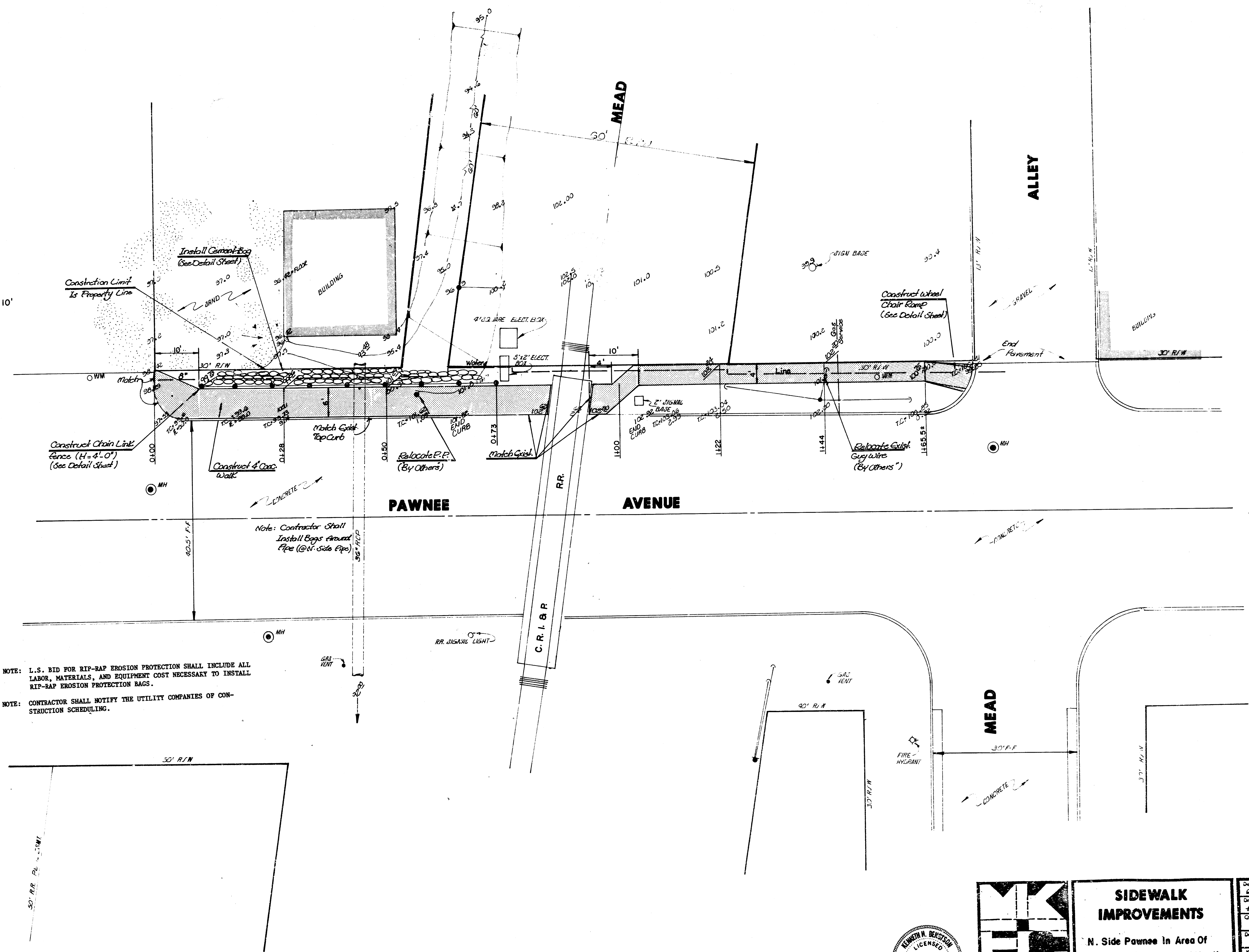
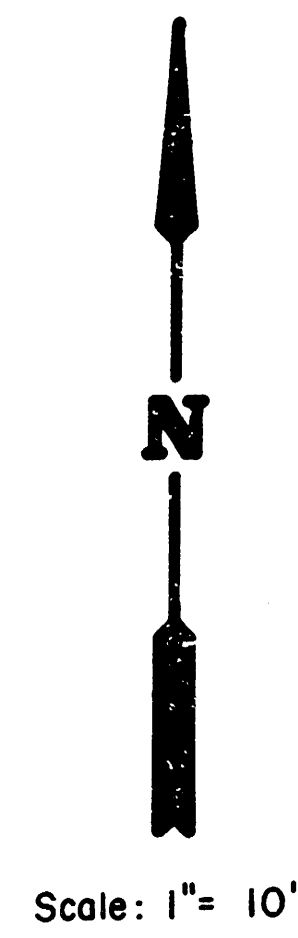
HORIZ. 1" = 2'
VERT. 1" = 2'



PROJECT DESCRIPTION	
1984 ARTERIAL SIDEWALK	
PROJECT NUMBER	
472-76-245-81419-000-000-001	

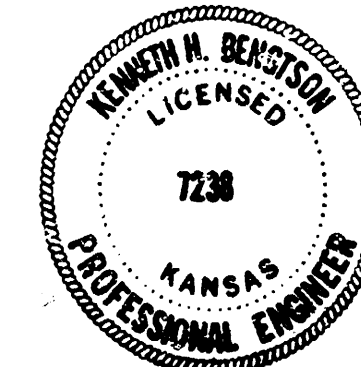
B.M.: "1" CUT TOP CURB SOUTH ECR INTER-SECTION OF PAWNEE & MEAD.
CITY ELEV. = 99.45

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.



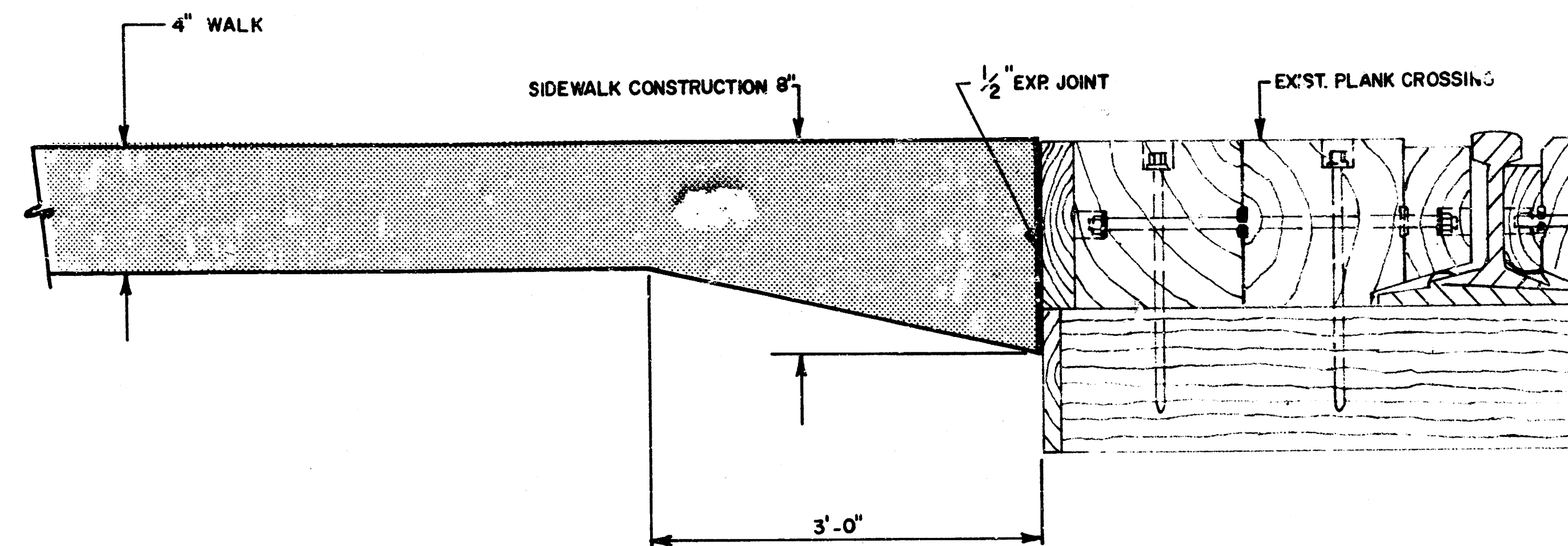
SIDEWALK IMPROVEMENTS

N. Side Pawnee in Area Of
C.R.I. & P. Railroad (W. Of Mead)

MID-KANSAS ENGINEERING CONSULTANTS PA
3500 N. ROCK ROAD
BUILDING 800
WICHITA, KANSAS 67206

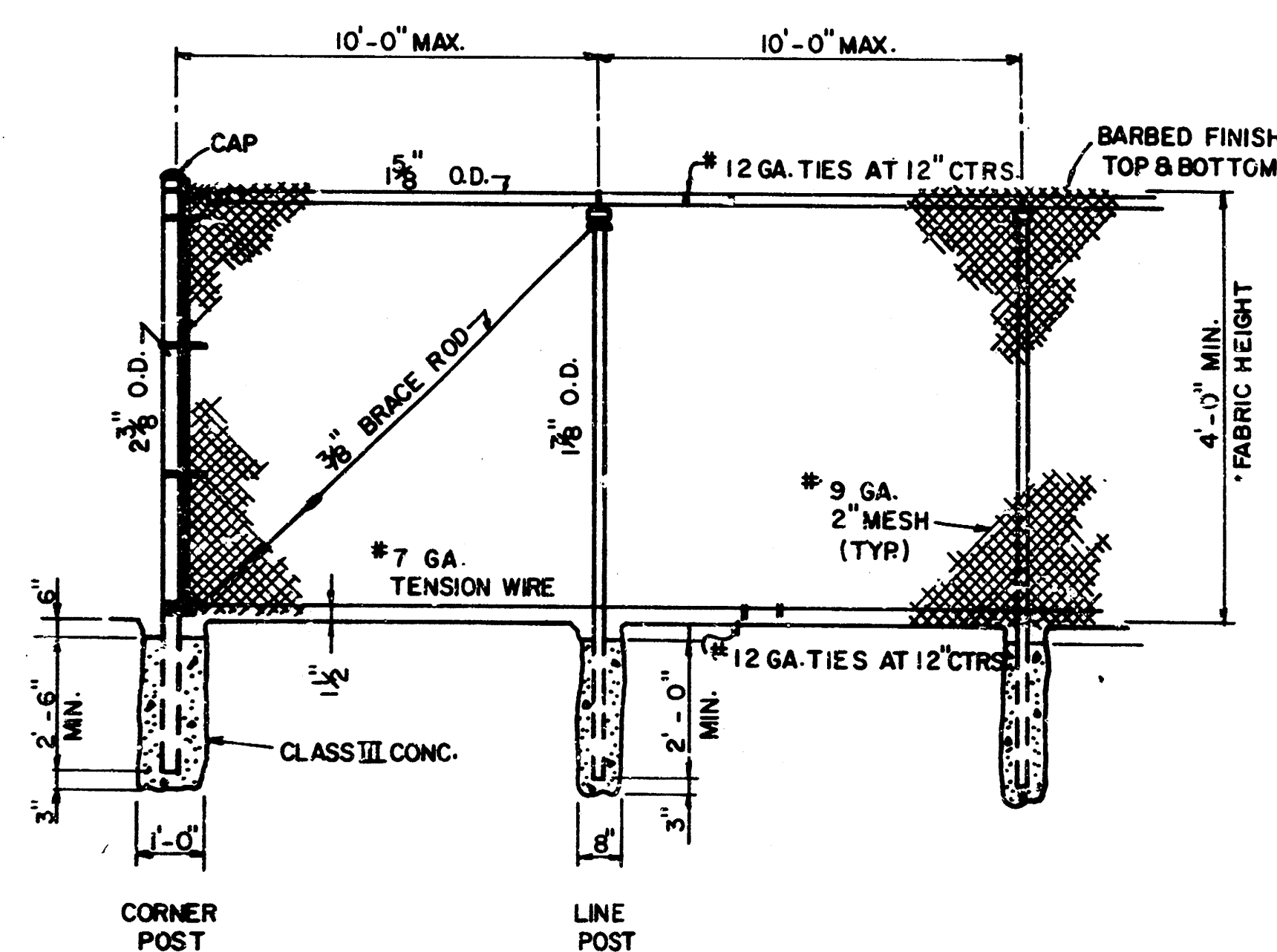
682-6561

Design: *CHS*
Drawn by: *FF*
Checked by: *KHB*
Date: *...*
Job No.: *...*
Sheet 5
of 10

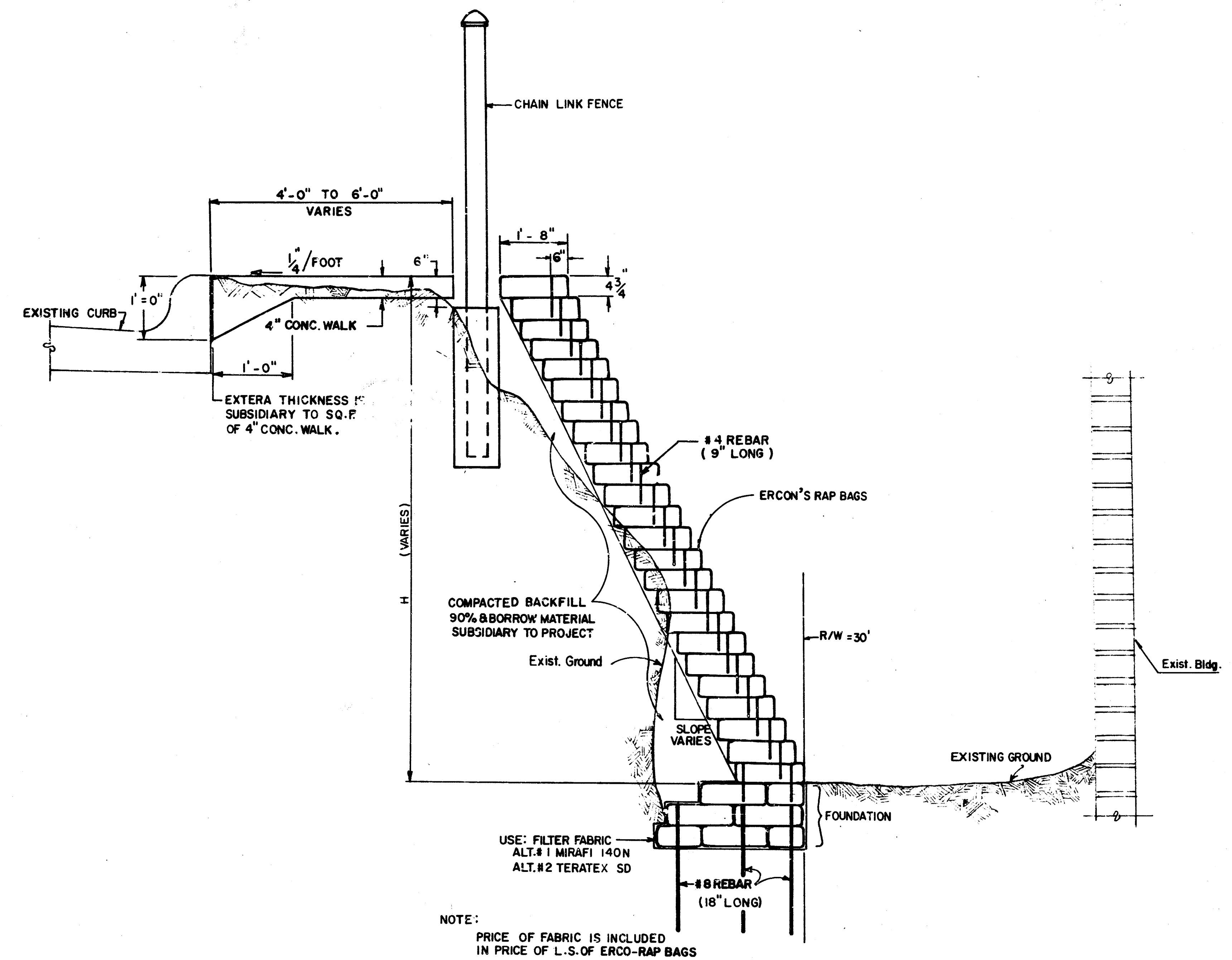


NOTE:
COST OF EXTRA THICKNESS AT RAILROAD CROSSING
TO BE SUBSIDIARY TO PRICE BID PER SQUARE FOOT
OF SIDEWALK.

NEW SIDE WALK CONSTRUCTION ABUTTING RUBBERIZED RAIL ROAD CROSSING

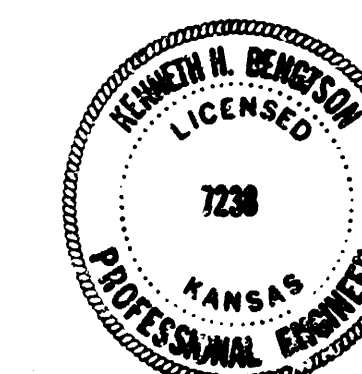


CHAIN LINK FENCE DETAIL



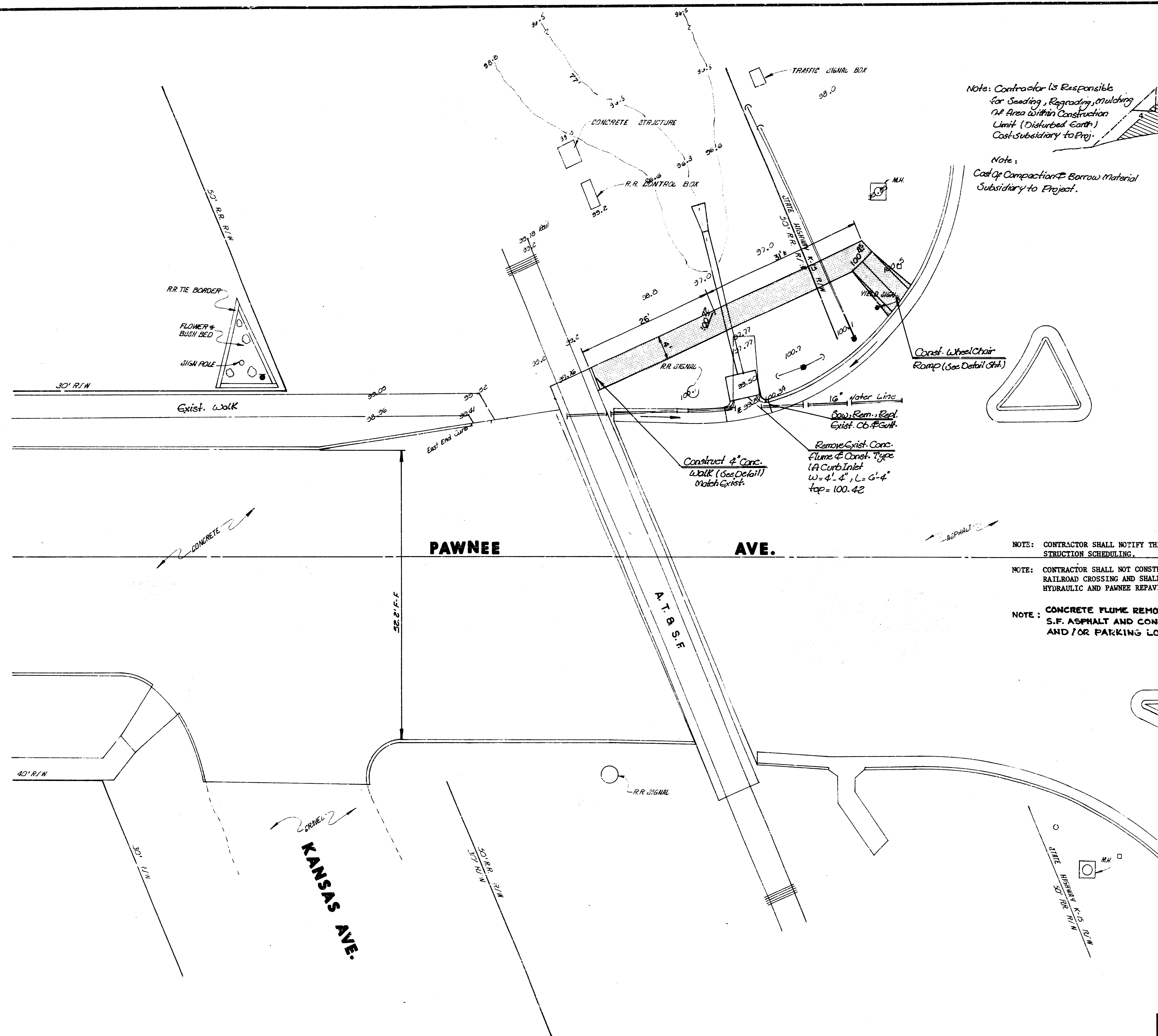
RETAINING WALL AT PAWNEE AND MEAD

- 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 SALKS. AS SOON AS THE SACKED CONCRETE HAS RECEIVED ITS INITIAL SET, THE STAKES SHALL BE REMOVED.



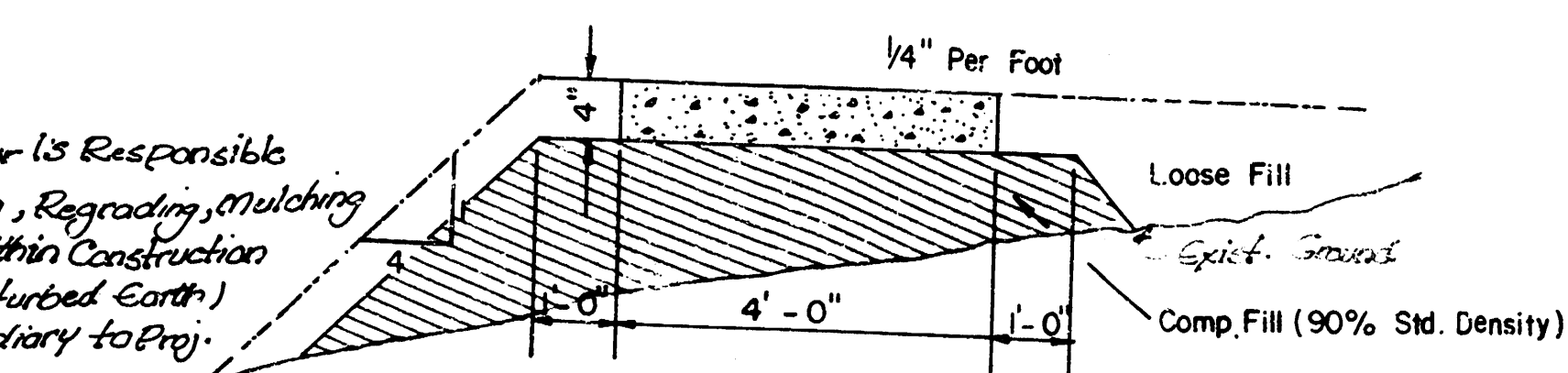
	DETAIL SHEET FOR N. SIDE PAWNEE IN AREA C.R.L.P. R. ROAD (W. OF MEAD) & HYDRAULIC TO K-15	Drawn by C.E. Checked by K.H.B. Date 10/10/00
	MID-KANSAS ENGINEERING CONSULTANTS PA 3500 NORTH ROCK HILL BUILDING 1800 WICHITA, KANSAS 67220	Sheet No. 6 of 10

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, Regrading, 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	
Job No.	

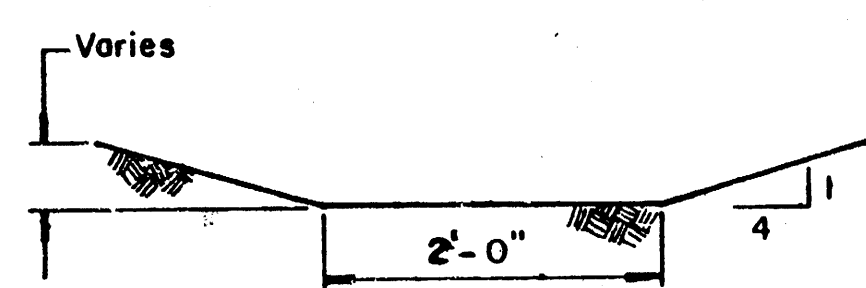
Sheet **7**
of 10

K-15

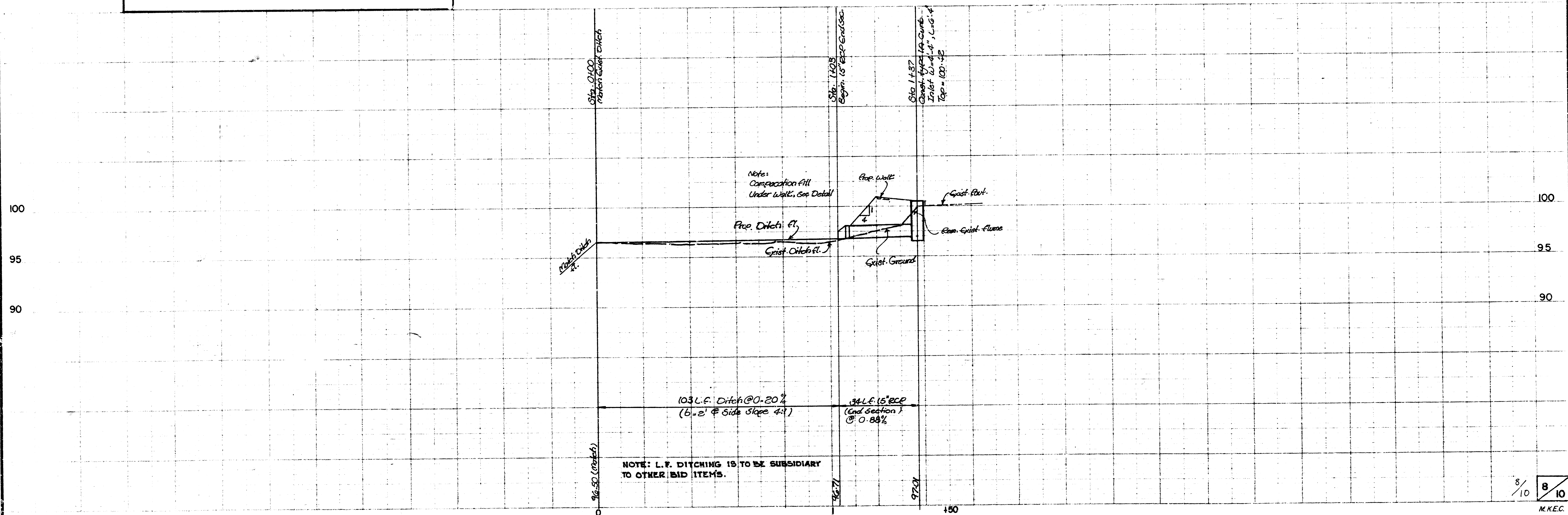
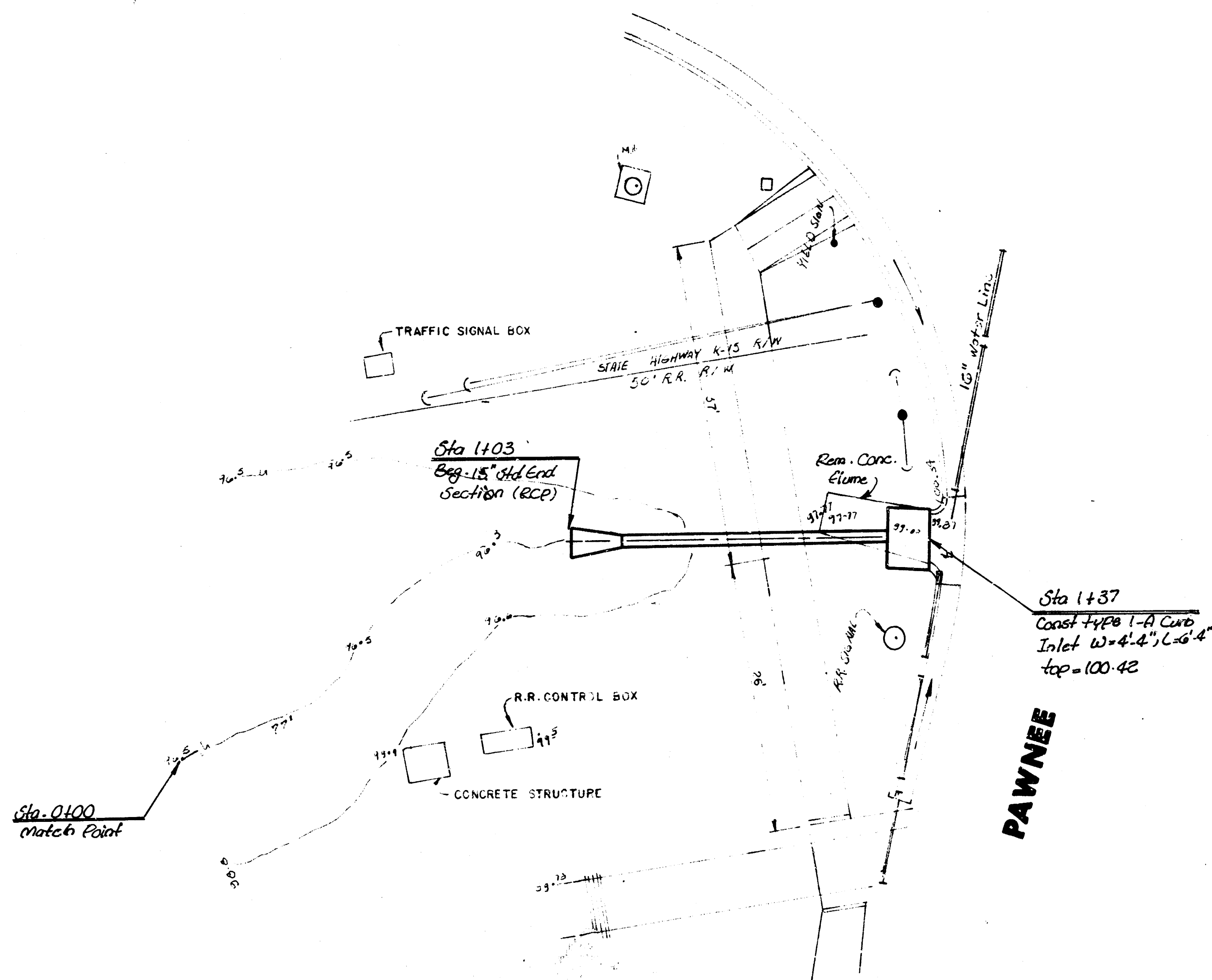
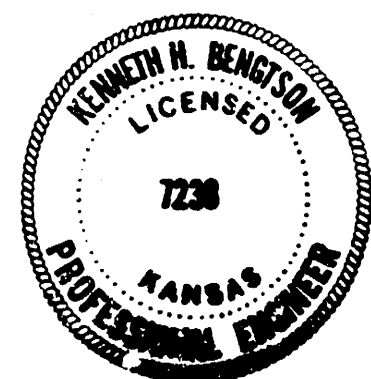
PAWNEE & K-15

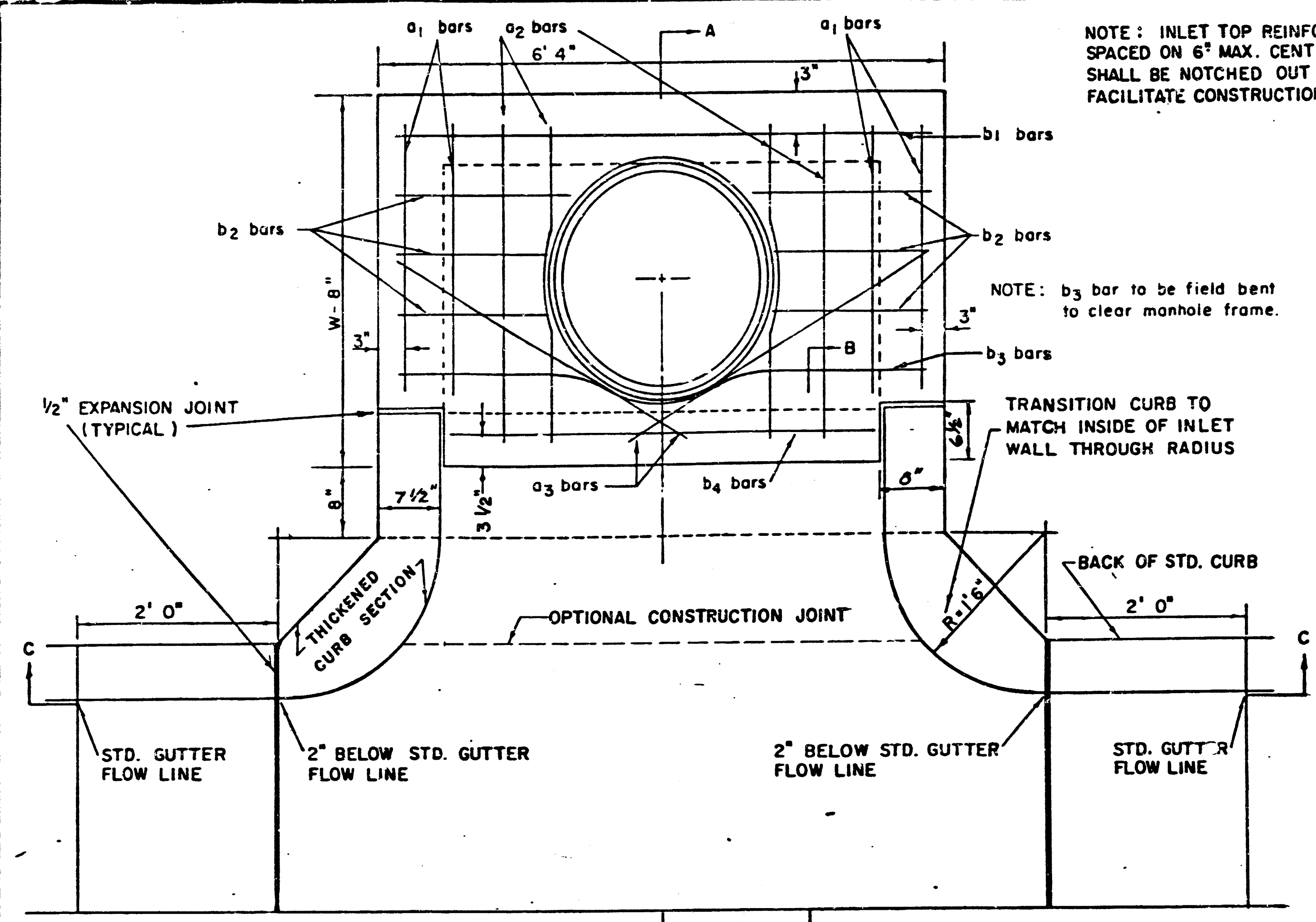
Scale: 1" = 10'
1" = 20' Horiz.
1" = 5' Vert.

DITCH DETAIL



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





NOTE: EXPANSION JOINT ONLY IN CURB AREA WITH CONC. PAVEMENT.

PLAN

STEEL SCHEDULE

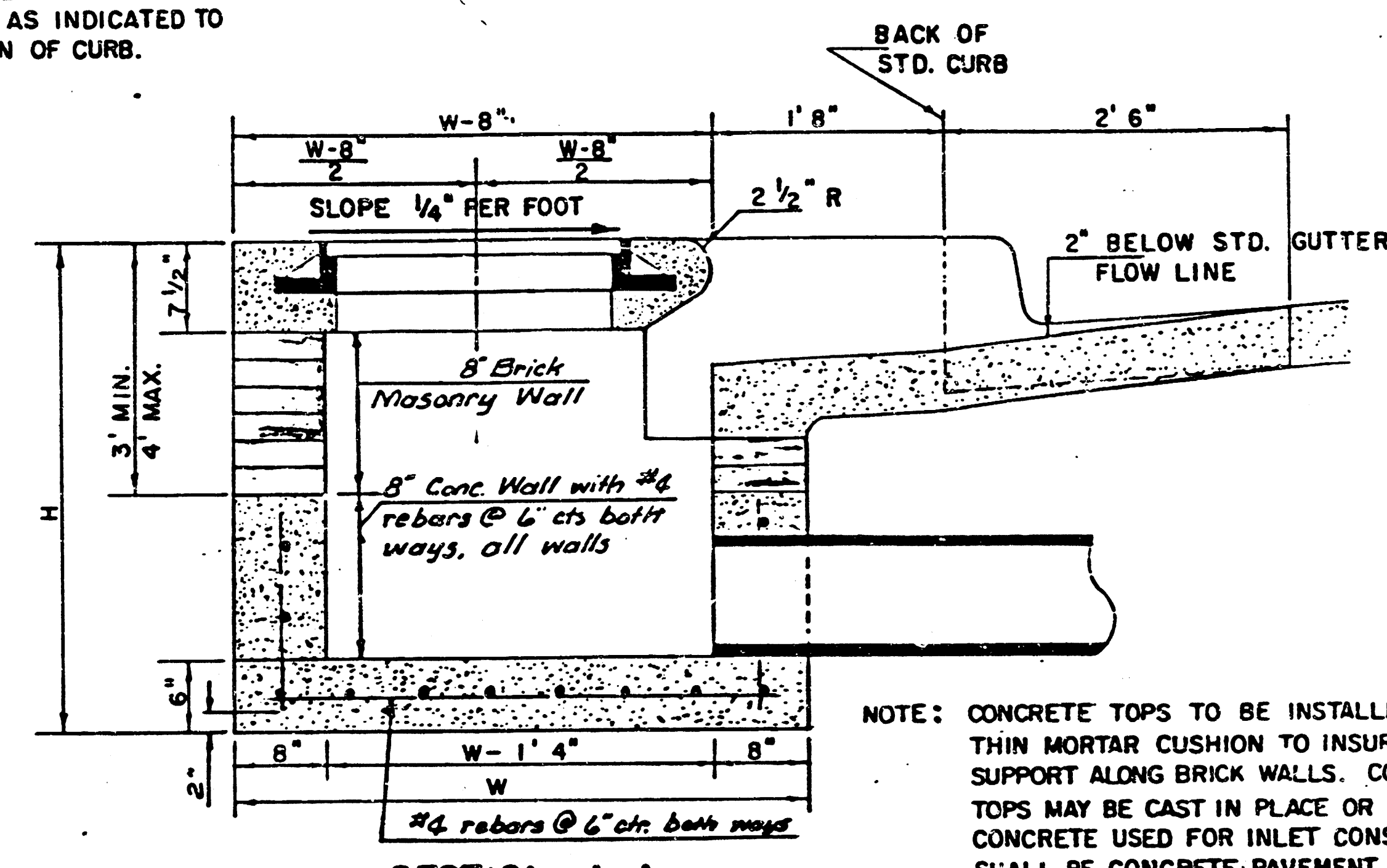
BAR	a1	a2	a3	b1	b2	b3	b4	WT. LBS.
NUMBER	4	4	2	1	3	5	7	1
SIZE	#4	#4	#4	#4	#4	#4	#4	#6
LENGTH	W-4'4"	5'7"	6'7"	4'0"	6'1"	-	-	1'9"
	W-5'4"	7'7"	8'7"	5'0"	-	6'1"	-	1'9"
	W-6'4"	9'7"	10'7"	6'0"	-	6'1"	-	1'9"
	W-7'4"	11'7"	12'7"	7'0"	-	6'1"	-	1'9"
	W-8'4"	13'7"	14'7"	8'0"	-	6'1"	-	1'9"
						6'1"	1'9"	6'2"
								4'8"
								60±
								81±
								101±
								121±
								141±

* NOTE: a3 BARS TO BE PLACED APPROX. 2" BELOW TOP OF INLET COVER

BENDING DIAGRAM

STANDARD CURB INLET PRECAST TOPS

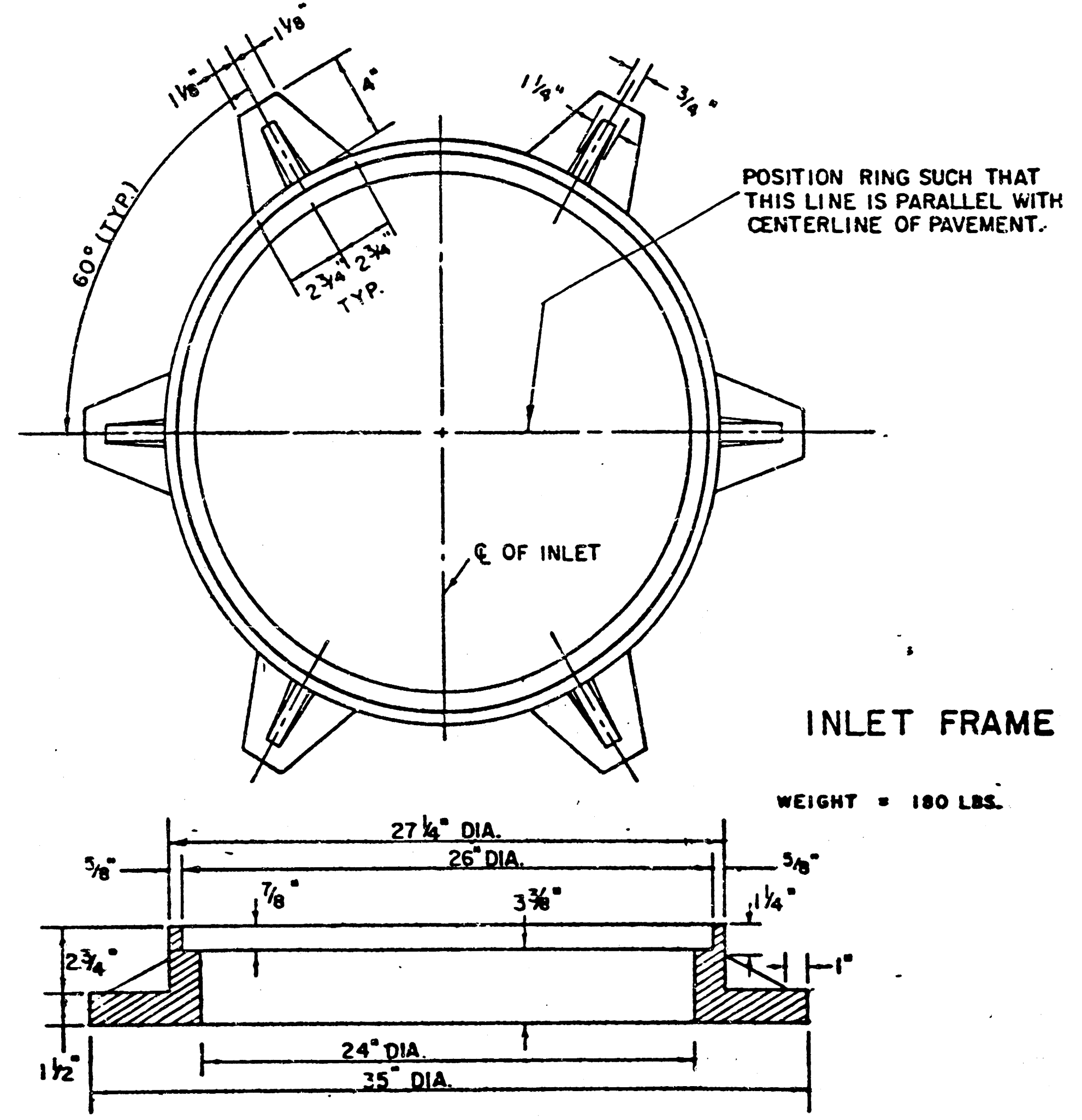
W	PRE-CAST TOP SIZE	PIPE SIZE	CU. YD. CONC.
4' 4"	3' 6" x 6' 4" x 7 1/2"	21" & SMALLER	0.38 ±
5' 4"	4' 6" x 6' 4" x 7 1/2"	24" & 30"	0.51 ±
6' 4"	5' 6" x 6' 4" x 7 1/2"	36" & 42"	0.64 ±
7' 4"	6' 6" x 6' 4" x 7 1/2"	48" & 54"	0.77 ±
8' 4"	7' 6" x 6' 4" x 7 1/2"	60" & 66"	0.90 ±



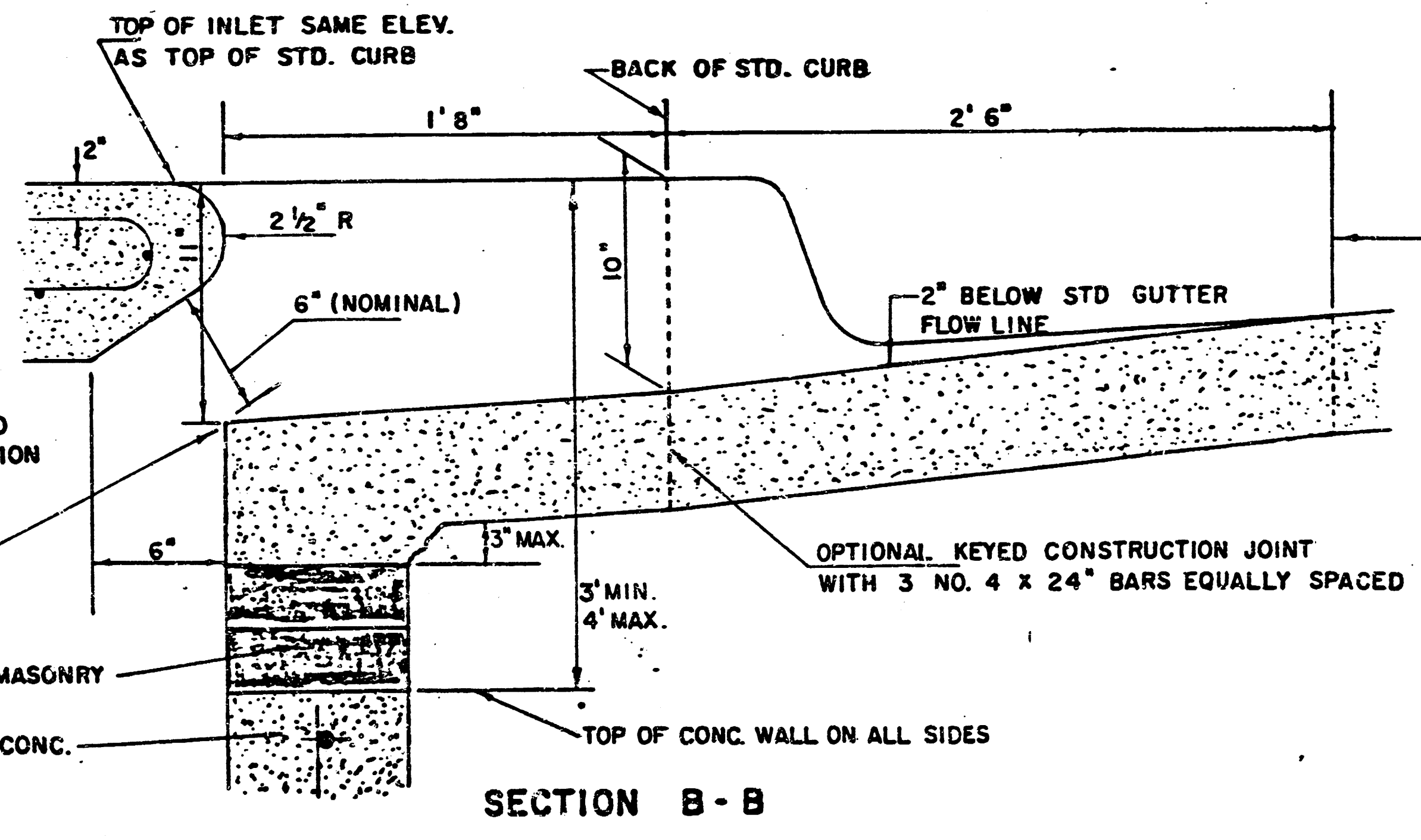
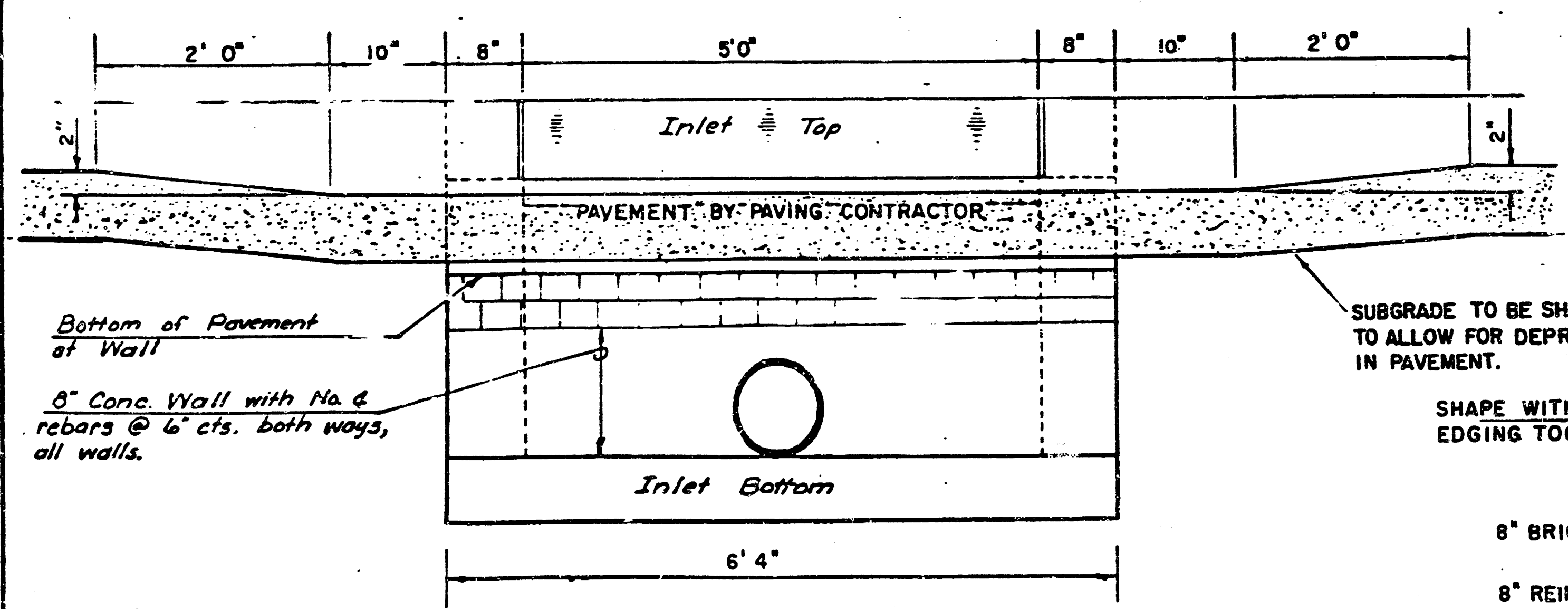
NOTE: CONTRACTOR SHALL HAVE THE OPTION OF CONSTRUCTING 8" BRICK MASONRY WALLS BETWEEN THE CONCRETE INLET BASE AND TOP ON THIS INLET WHEN W = 4'4" AND H = 6'6" OR LESS.

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.



SEE CITY OF WICHITA STANDARD MANHOLE FRAME AND COVER DETAIL SHEET FOR COVER DETAILS TO BE USED WITH INLET FRAME.



DETAIL STANDARD TYPE IA CURB INLET

CITY OF WICHITA, KANSAS

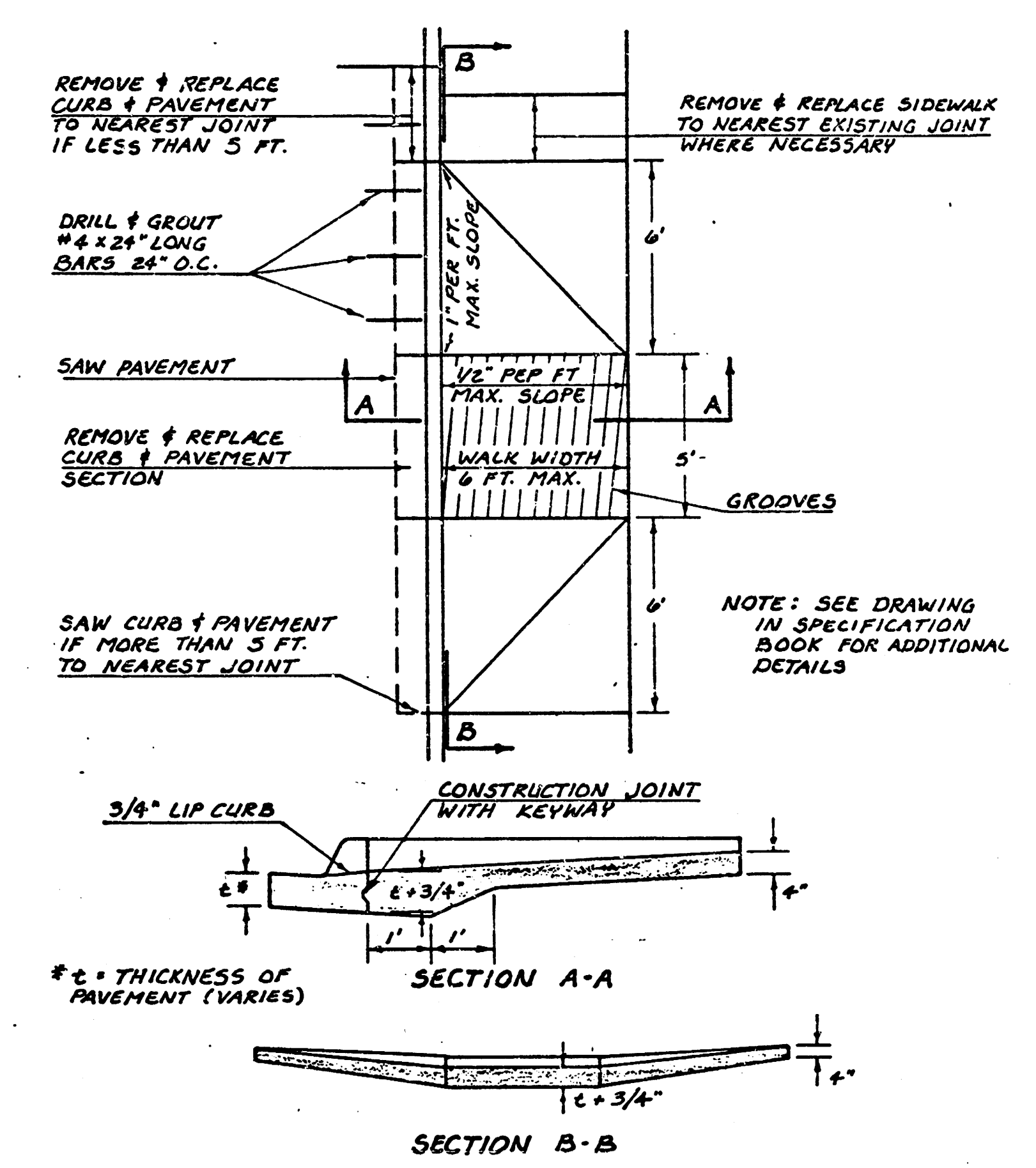
INLET OPENING = 6" x 5' 0"

PROJ. NO. 472-76-245-81419-000-000-001

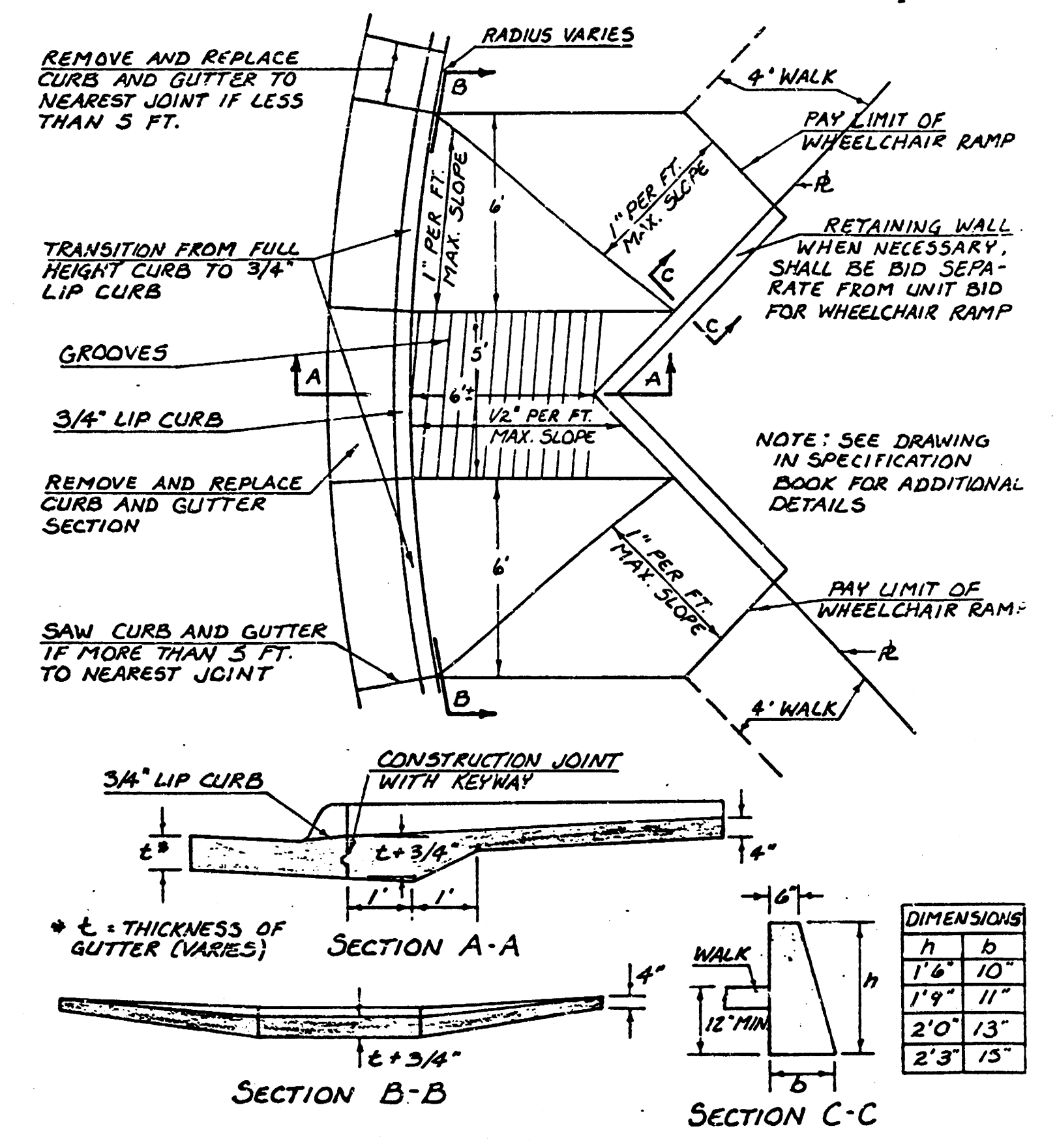
JUNE 1984

9/10

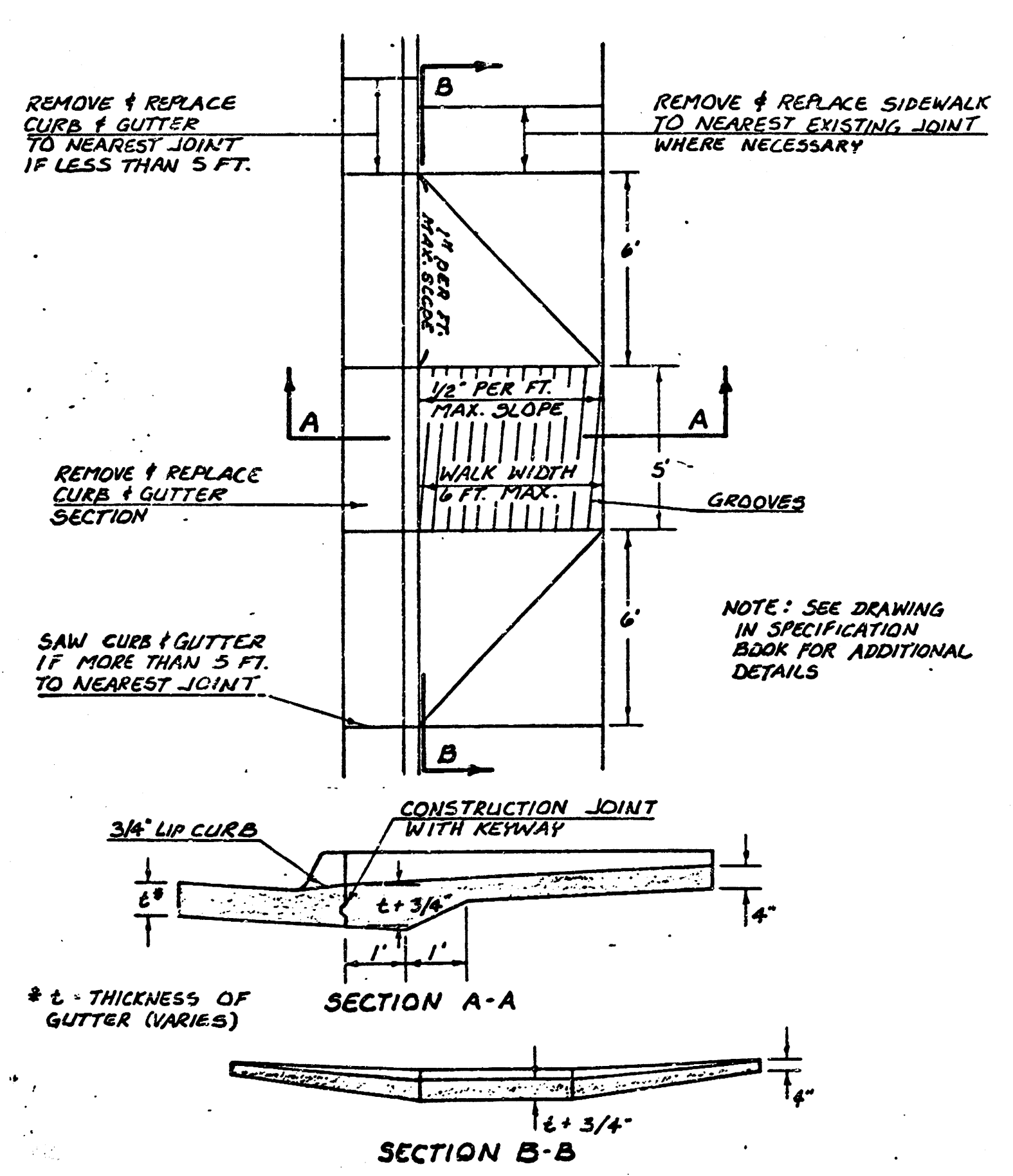
STANDARD WHEELCHAIR RAMP CONSTRUCTION DETAIL FOR CONCRETE STREETS WITH MONOLITHIC CURB AND FULL WALK



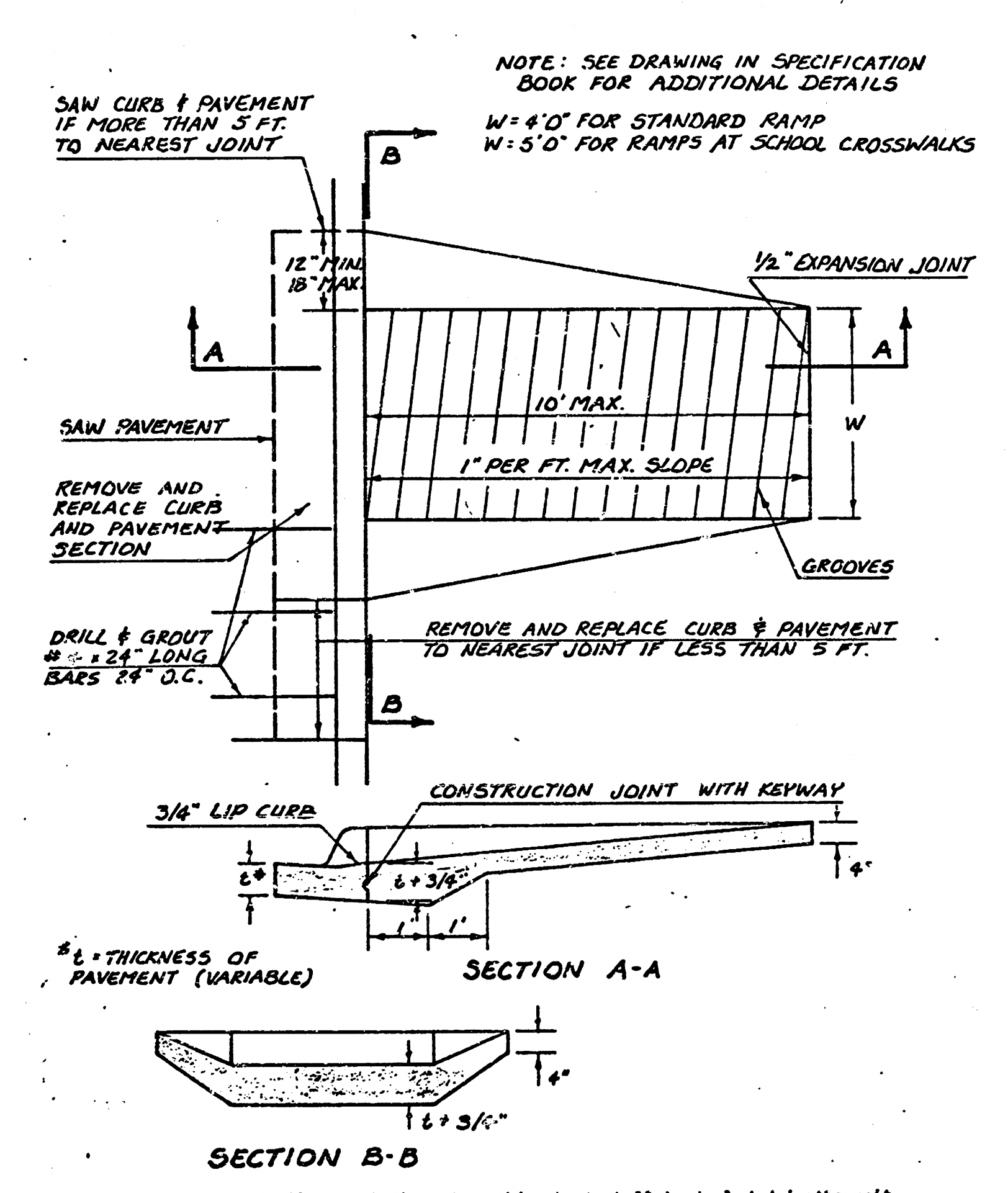
STANDARD WHEELCHAIR RAMP CONSTRUCTION DETAIL FOR STREET WITH COMBINED CURB AND GUTTER ON RADIUS WITH 6"± FROM BACK OF CURB TO PROPERTY CORNER



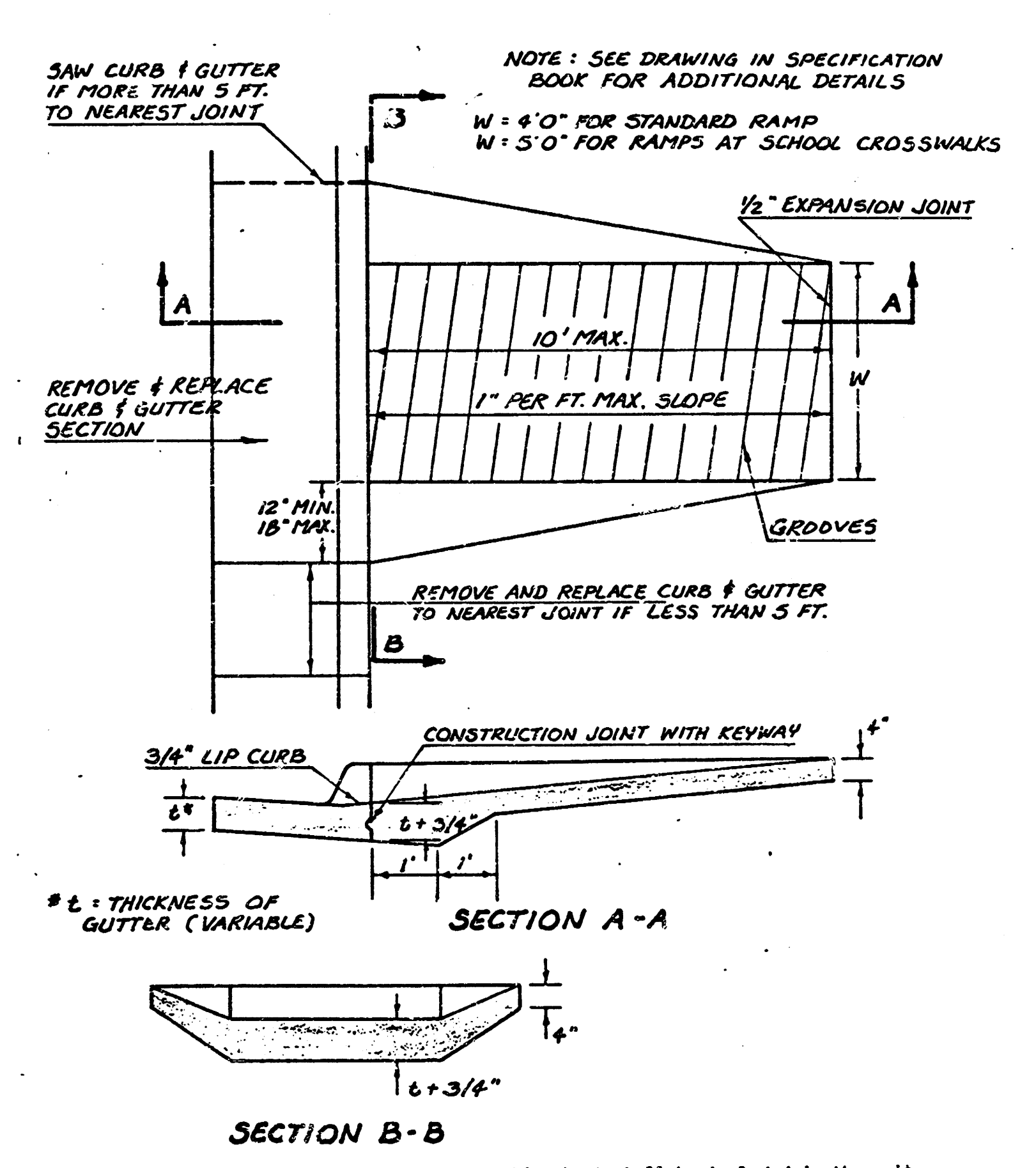
STANDARD WHEELCHAIR RAMP CONSTRUCTION DETAIL FOR STREETS WITH COMBINED CURB & GUTTER AND FULL WALK



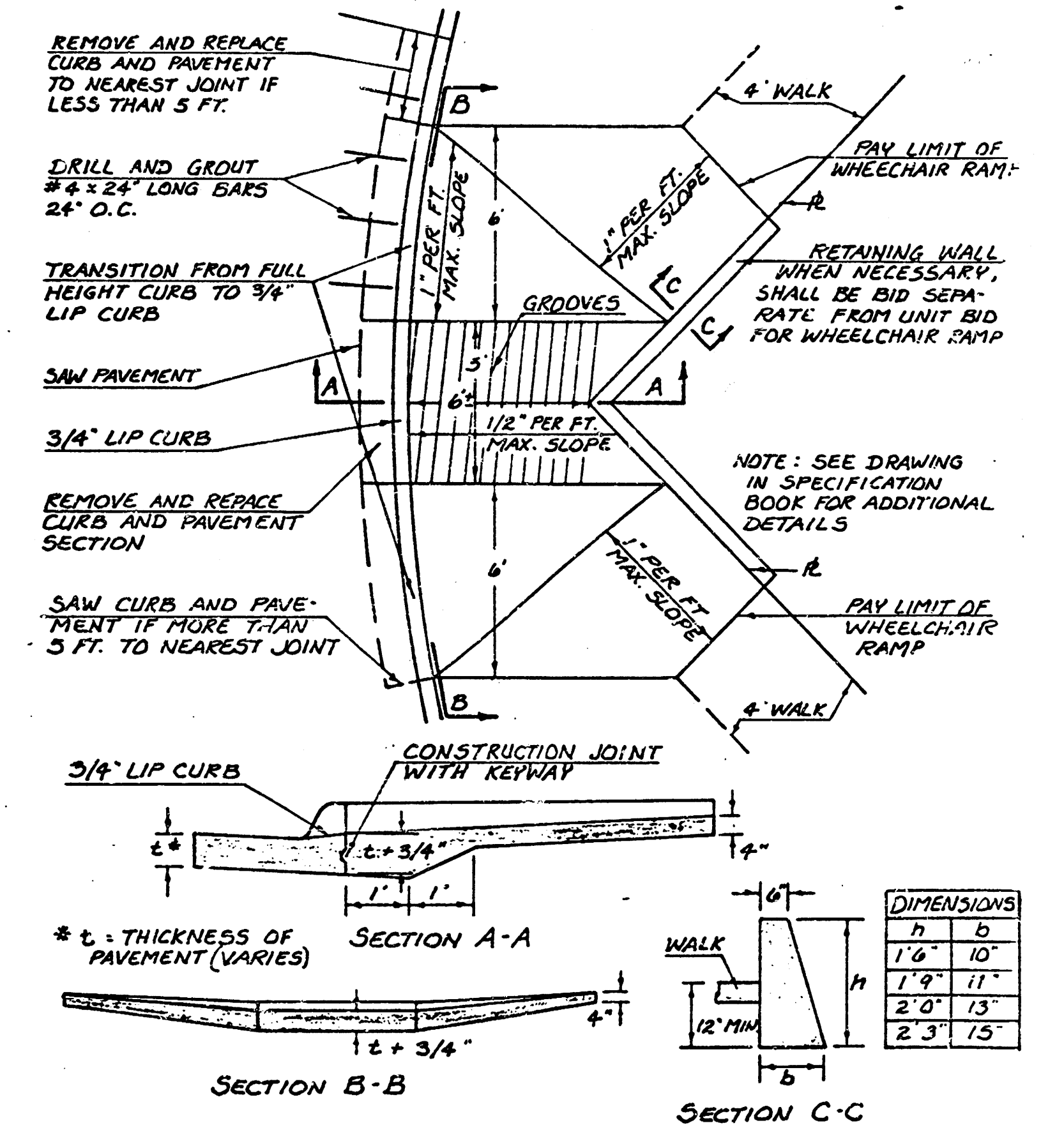
STANDARD WHEELCHAIR RAMP CONSTRUCTION DETAIL FOR CONCRETE STREETS WITH MONOLITHIC CURB



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



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



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.

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.

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.

MISCELLANEOUS DETAILS
1984 ARTERIAL SIDEWALK
PROJ. No. 412-76-245-81413-000-000-001