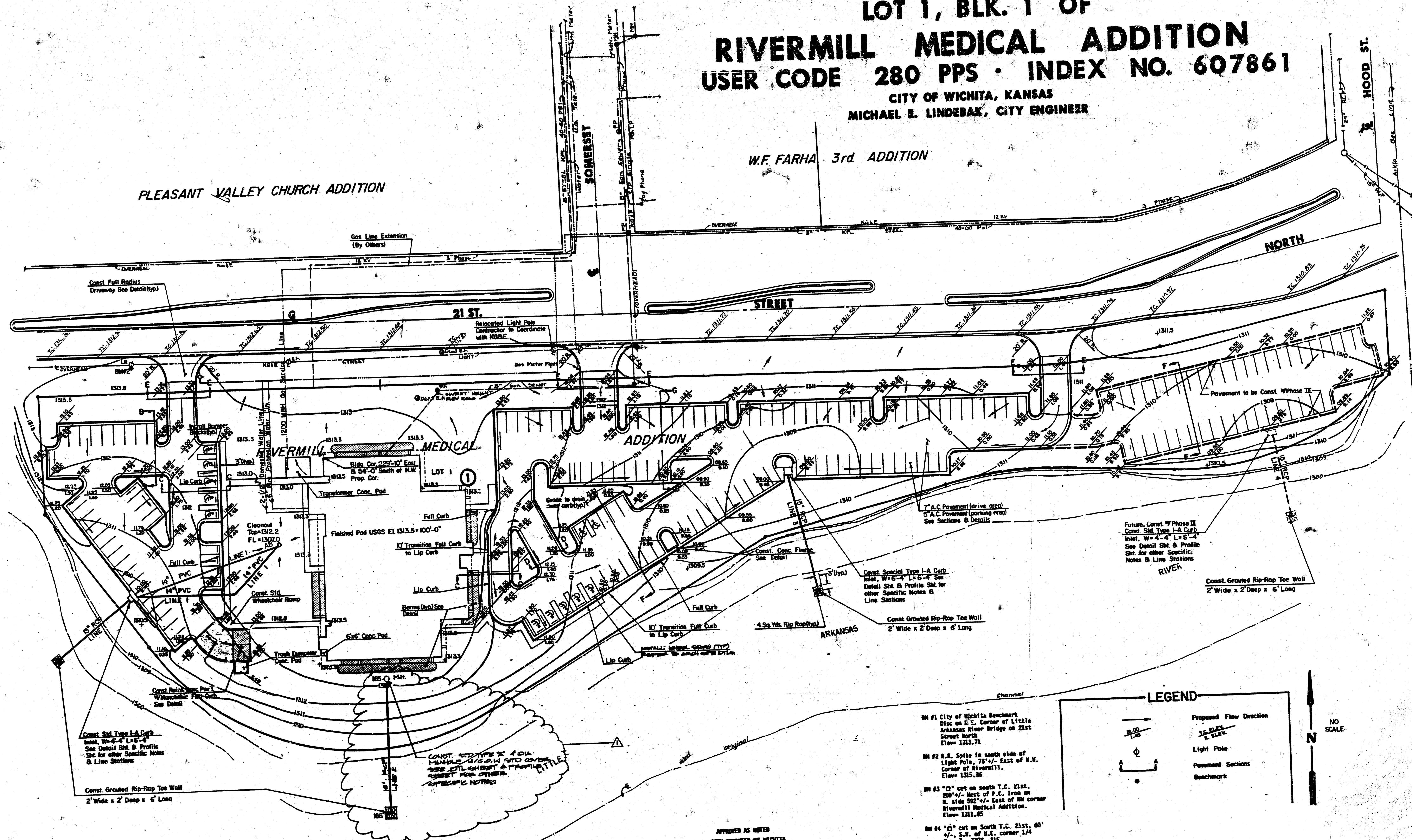


PRIVATE
STORM SEWER PLANS SERVING PART OF
LOT 1, BLK. 1 OF
RIVERMILL MEDICAL ADDITION
USER CODE 280 PPS • INDEX NO. 607861
CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK, CITY ENGINEER



ROBT MARASCO & ASSOCIATES, INC.
MEDICAL ARCHITECTS
DESIGN CONSULTANTS

18 N. SHERRA MADINE
COLORADO SPRINGS
COLORADO 80909
(719) 538-0884



Job Title
ARTZ, TYRONE D., M.D.

WICHITA, KS

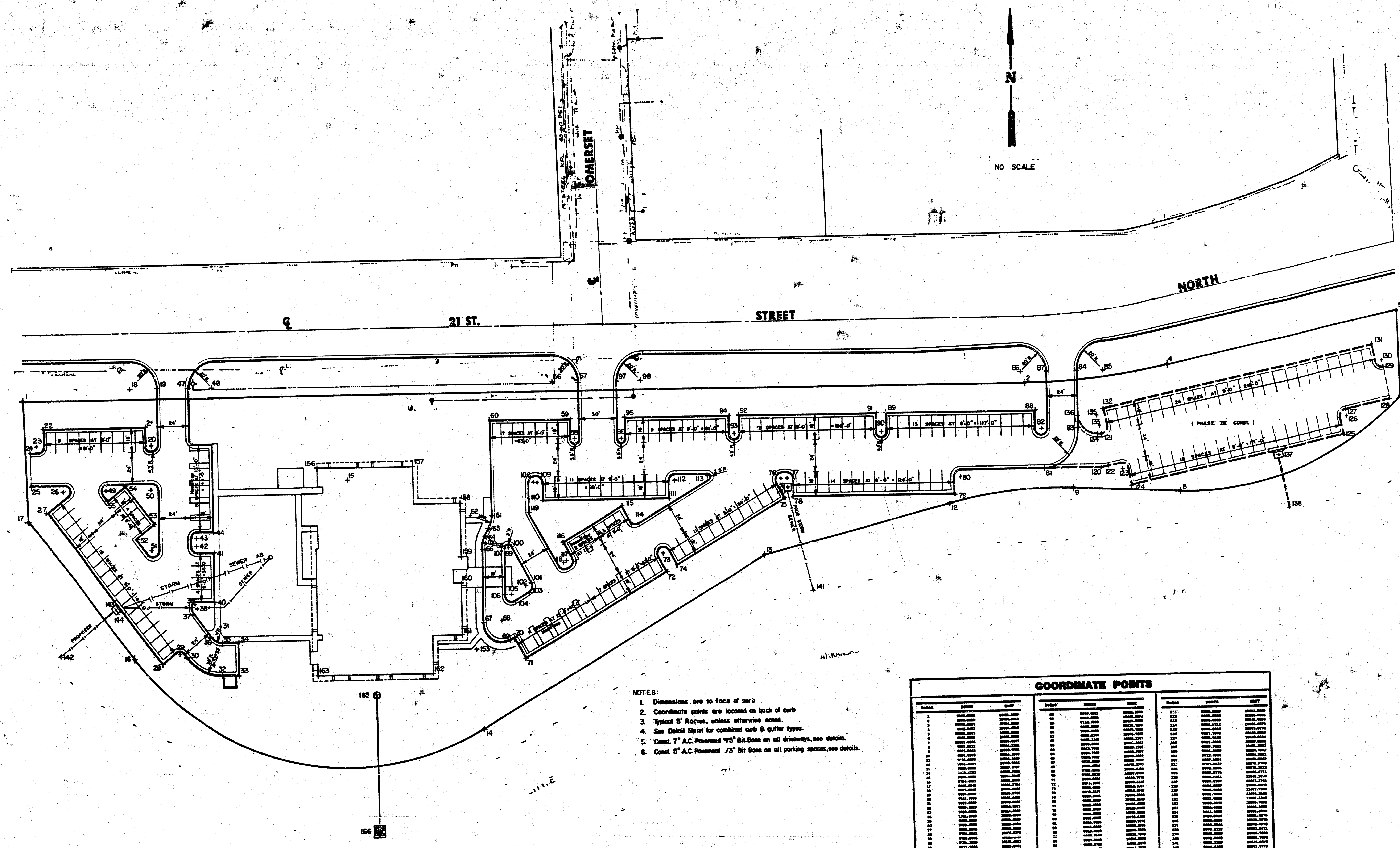
08-216
7-20-90
7-22-90
A. H. 2/2/90
DLM, EAF
GJA

Sheet Title
GRADING PLAN

Sheet Number
62

Booked
7-91
mcb

AS-BUILT PLANS
6 - 26 - 91

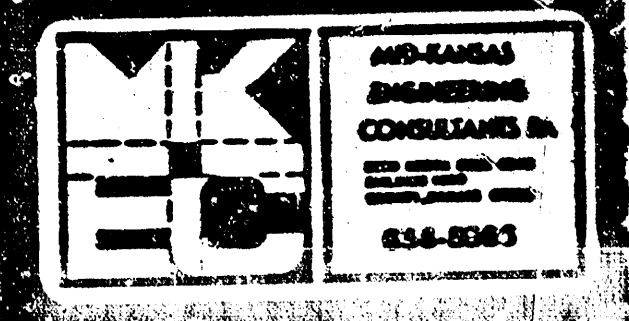


- NOTES:
1. Dimensions are to face of curb
 2. Coordinate points are located on back of curb
 3. Typical 5' Radius, unless otherwise noted.
 4. See Detail Sheet for combined curb & gutter types.
 5. Const. 7" A.C. Pavement / 5" Bit Base on all driveways, see details.
 6. Const. 5" A.C. Pavement / 5" Bit Base on all parking spaces, see details.

COORDINATE POINTS			
Station	Station	Station	Station
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
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166	166	166	166

RMA
ROST MARASCO & ASSOCIATES, INC.
 MEDICAL ARCHITECT / DESIGN CONSULTANTS

18 N. SIERRA MADRE
 COLORADO SPRINGS
 COLORADO, 80903
 (719) 635-0884



Job Title
ARTZ, TYRONE D., M.D.

WICHITA, KS

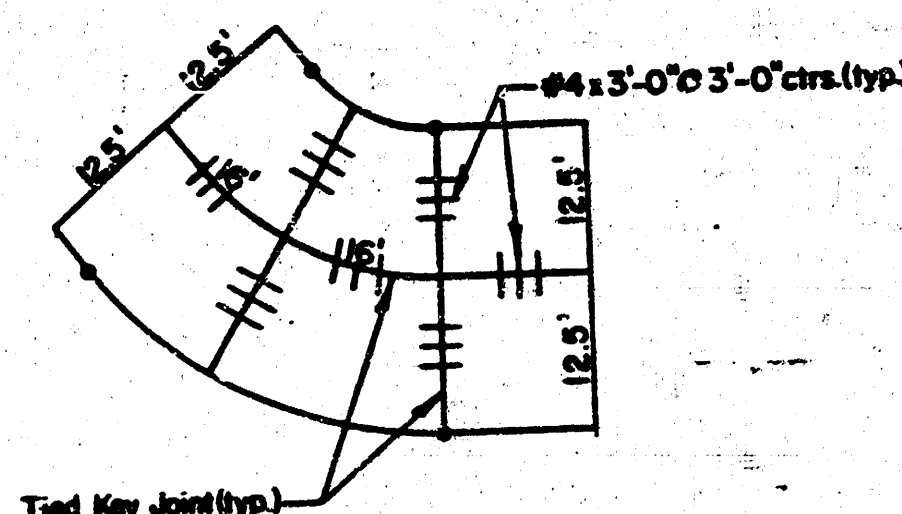
88-016
 7-20-90
 9-21-90
 DLM, EAF, DPR
 GJA

Sheet Title
COORDINATE POINTS

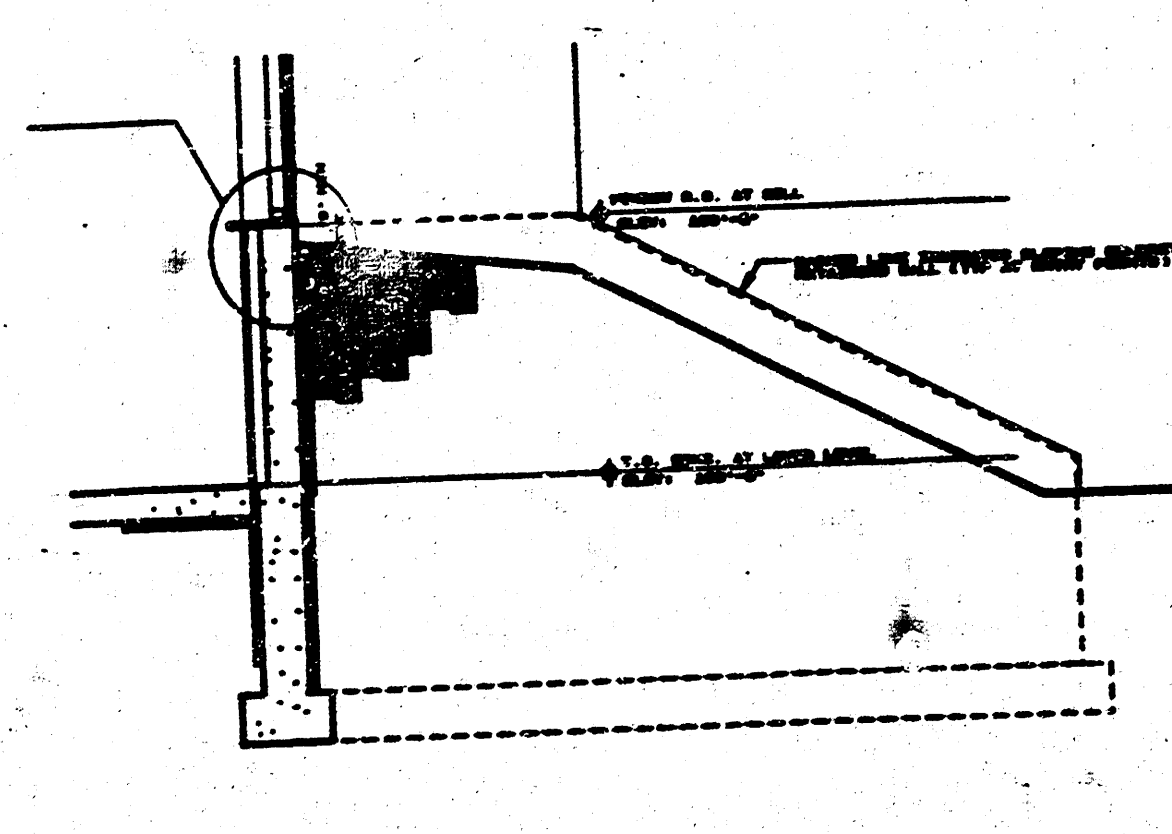
Sheet Number
CS 3 67

GENERAL NOTES

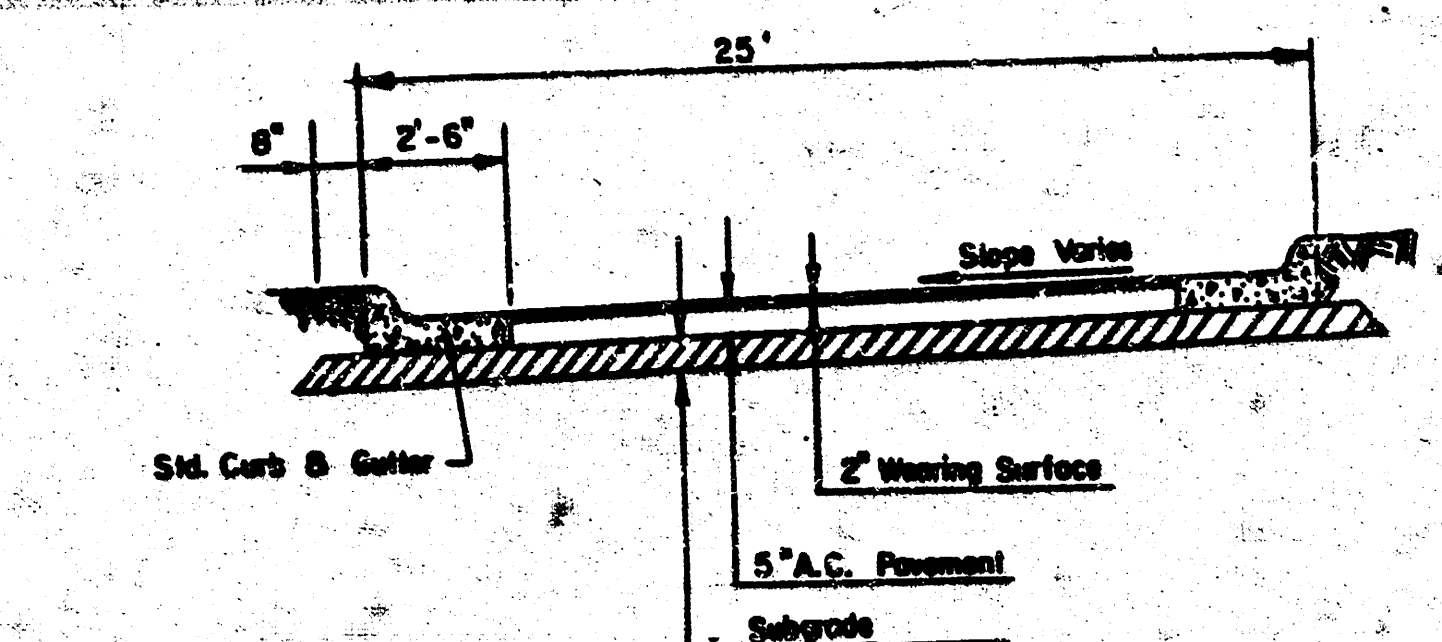
1. UNLESS SHOWN OR STATED OTHERWISE ON THESE DRAWINGS, MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF WICHITA STANDARD SPECIFICATIONS, 1985 EDITION, AND OTHER SPECIFICATIONS THEREON.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING PROPERTY LINES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE LOCATION OF ALL UTILITIES AND SHALL BE RESPONSIBLE FOR PROTECTING ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY EASEMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY EASEMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY EASEMENTS.
3. EXISTING UTILITIES AND THEIR LOCATIONS, AS SHOWN ON THE PLANS, SHALL BE THE BEST INFORMATION AVAILABLE FOR DESIGN. LOCATION INFORMATION HAS BEEN OBTAINED FROM THE WICHITA UTILITY COMMISSION AND IS GIVEN FOR INFORMATION ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY EASEMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY EASEMENTS.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A SUFFICIENT NUMBER OF PORT-HOLE (48) HOLES TO WELLY COMPRESS WITH TO EXISTING ANY EXISTING AS SHOWN.
5. THE CONTRACTOR SHALL NOTIFY THE FOLLOWING IN CASE OF AN EMERGENCY:
WICHITA FIRE DEPT. 343-2115
WICHITA POLICE 343-2115
WICHITA WATER DEPT. 343-2115
WICHITA GAS & ELECTRIC 343-2115
CITY OF WICHITA WATER DEPARTMENT 343-2115
CITY OF WICHITA GAS & ELECTRIC 343-2115
6. DURING THE REMOVAL OF EXISTING SURFACE COURSES AND EXISTING EXCAVATION WHICH IS TO BE REPAIRED OR ON OTHER TO BE PROVIDED BY THE CONTRACTOR. THESE NOTES SHALL BE APPROVED BY THE ENGINEER AS TO FEASIBILITY, ADVISABILITY AND SITE LOCATION. LOCATIONS THAT, IN THE OPINION OF THE ENGINEER, WILL LEAVE AN UNDESIRABLE APPEARANCE WILL NOT BE APPROVED.
7. A SAW CUT OF AT LEAST ONE-HALF THE DEPTH OF EXISTING SURFACE COURSES OR ONE-FOURTH THE DEPTH OF EXISTING PAVEMENT SURFACES SHALL BE PROVIDED AT LOCATIONS WHERE PROPOSED CONSTRUCTION ADJACENT TO EXISTING PAVEMENT IS REQUIRED. SAW CUTS TO FACILITATE REMOVAL WITHIN THE DEPTH OF EXISTING JOINTS WILL NOT BE PERMITTED AND FOR SUCH EXISTING JOINTS WILL NOT BE PERMITTED AND FOR SUCH EXISTING JOINTS WILL NOT BE PERMITTED.
8. EXISTING UTILITIES, MANHOLES, HANDICAP BANKING, AND OTHER PLACES SHALL ALL CONFORM TO CITY OF WICHITA SPECIFICATIONS. THESE SHALL BE SHOWN ON THE PLANS OR AS EQUIVALENT APPROVED BY THE ENGINEER.
9. EXISTING UTILITIES, MANHOLES, HANDICAP BANKING, AND OTHER PLACES SHALL ALL CONFORM TO CITY OF WICHITA SPECIFICATIONS. THESE SHALL BE SHOWN ON THE PLANS OR AS EQUIVALENT APPROVED BY THE ENGINEER.
10. LOCATION OF 4" P.V.C. SLABS TO FACILITATE FURNISHED OTHER SHALL BE COORDINATE WITH WICHITA WATER DEPARTMENT FOR EXISTING LOCATIONS. COST OF SLABS SHALL BE SUBORDINATE TO COST OF PROJECT.
11. PAVEMENT EXISTENCE AND SURFACE PREPARATION FOR EXISTING AND THE PLAN SHALL COMPLY WITH THE WICHITA REPORT (SEE NO. 100-1000) PROVIDED BY THE WICHITA WATER DEPARTMENT. THE CONTRACTOR SHALL COMPLY TO ALL RECOMMENDATIONS IN THE WICHITA REPORT.
12. PARKING LOT LINES ARE TO BE SHOWN BY A LINE TO BE COORDINATED BY CONTRACTOR FOR LOCATION OF LINES AND WICHITA WATER DEPARTMENT.
13. SERVICE LINES FOR ALL UTILITIES SHALL BE A MINIMUM OF 36" BELOW ALL FINISHED GRADE. UTILITIES WHICH ARE BELOW ANY PAVEMENT SHALL BE A CONTRACTOR'S RESPONSIBILITY (SEE WICHITA REPORT). CONTRACTOR SHALL COORDINATE WITH WICHITA WATER DEPARTMENT FOR EXISTING LOCATIONS. COST OF SLABS SHALL BE SUBORDINATE TO COST OF PROJECT.
14. CONTRACTOR SHALL COORDINATE THE EXTENSION OF GAS SERVICE WITH CHARGES WICHITA, 343-2115, OF S.P.E.L.
15. CONTRACTOR MAY STOCKPILE MATERIALS AT THE LOCATION OF FUTURE PARKING ON THE EAST END OF PROJECT.
16. CONTRACTOR SHALL REFER TO THE ARCHITECT'S SITE PLAN FOR THE REMOVAL OR FOR PROTECTION OF ANY TREES WHICH SHALL REMAIN.
17. CONTRACTOR SHALL THE NEW BRACKEN AND PREPARE FORMATION SLABS TO STAY WITH EXISTING AS SHOWN. CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN. ALL CONSTRUCTION SHALL COMPLY TO CITY OF WICHITA STANDARDS AND SPECIFICATIONS.
18. UNDESIRABLE SERVICE LINES FOR WATER SUPPLY AND SANITARY SEWER SERVICE SHALL ALL COMPLY TO EXISTING PAVEMENT. UNDESIRABLE SERVICE LINES FOR FIRE PROTECTION SHALL COMPLY TO S.P.E.L. PARAGRAPH 24.



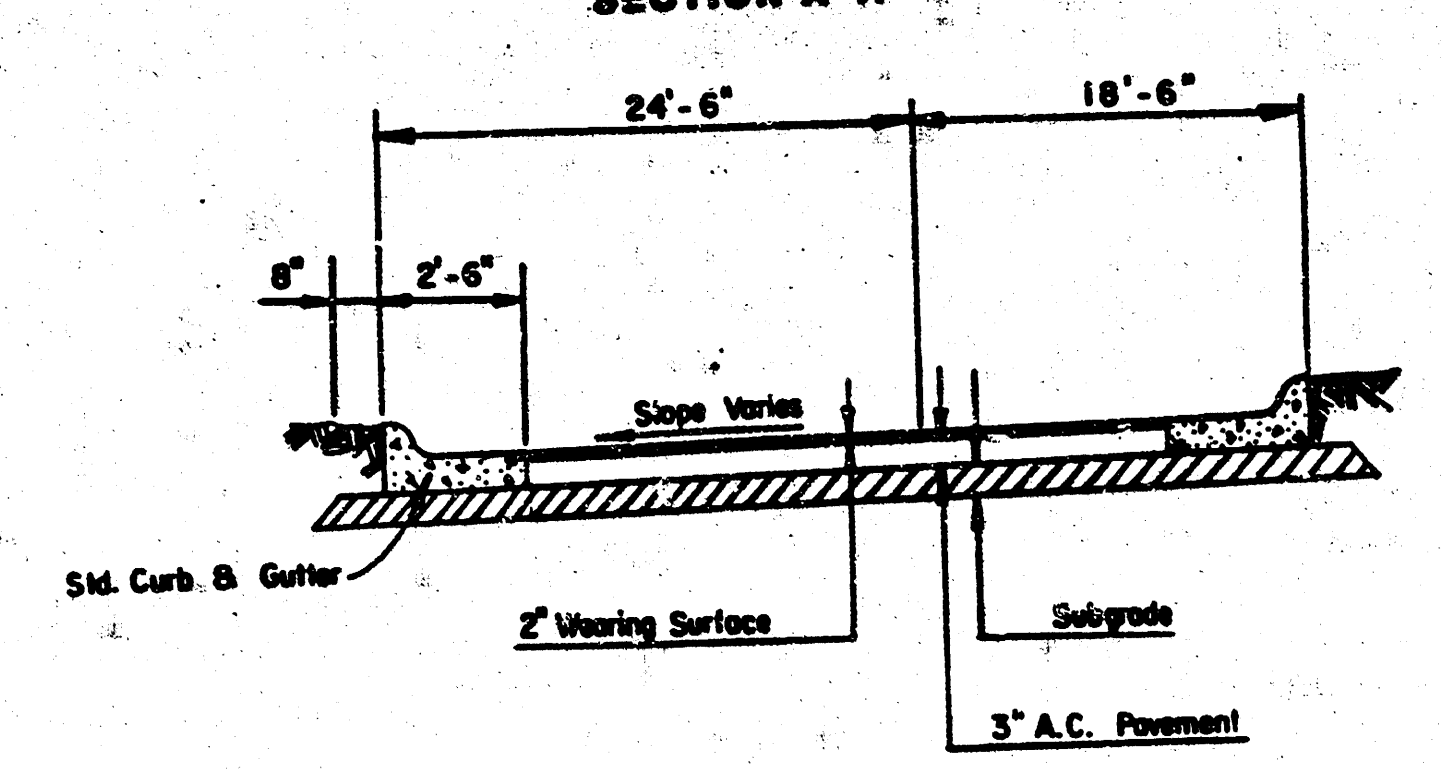
CONC. PAVEMENT JOINT PATTERN



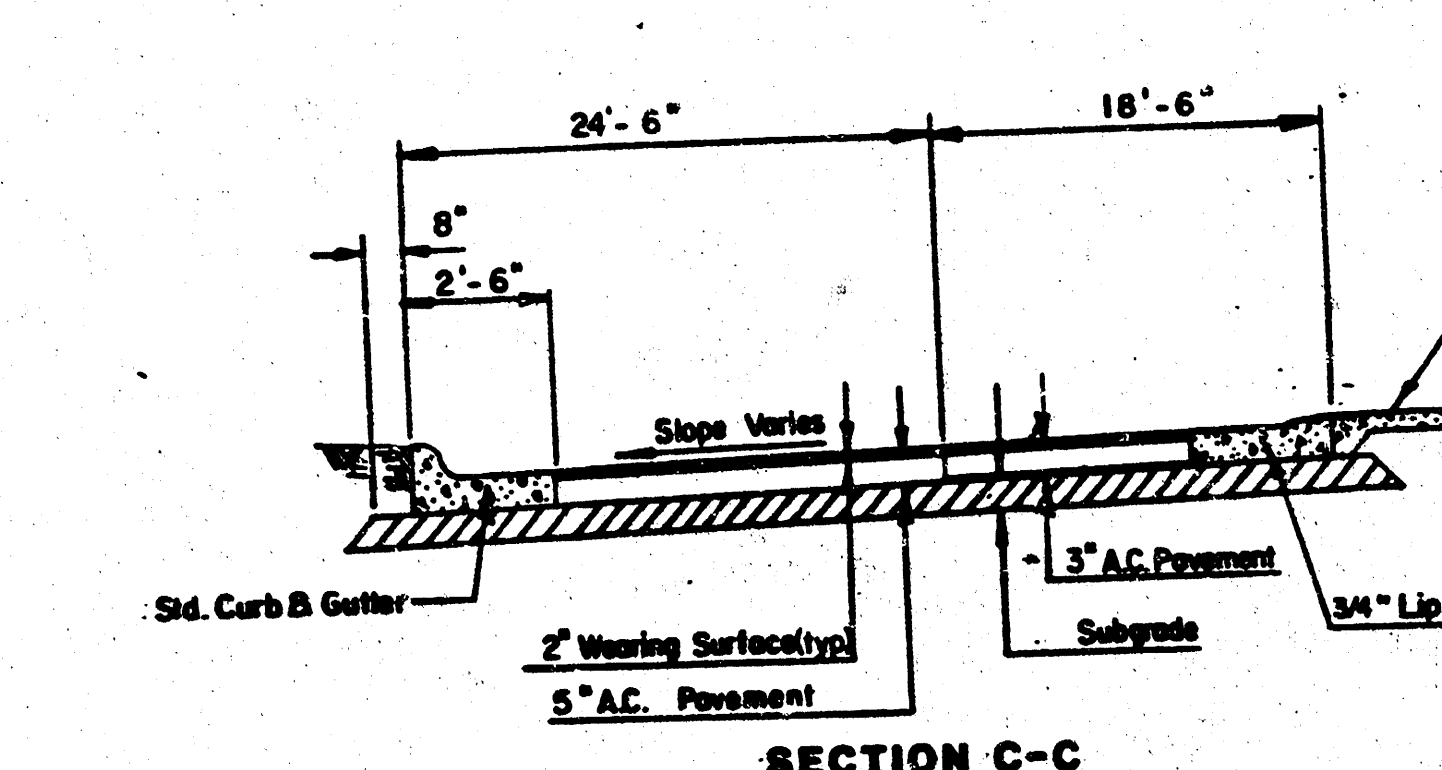
TYPICAL WALL SECTION AT BERM



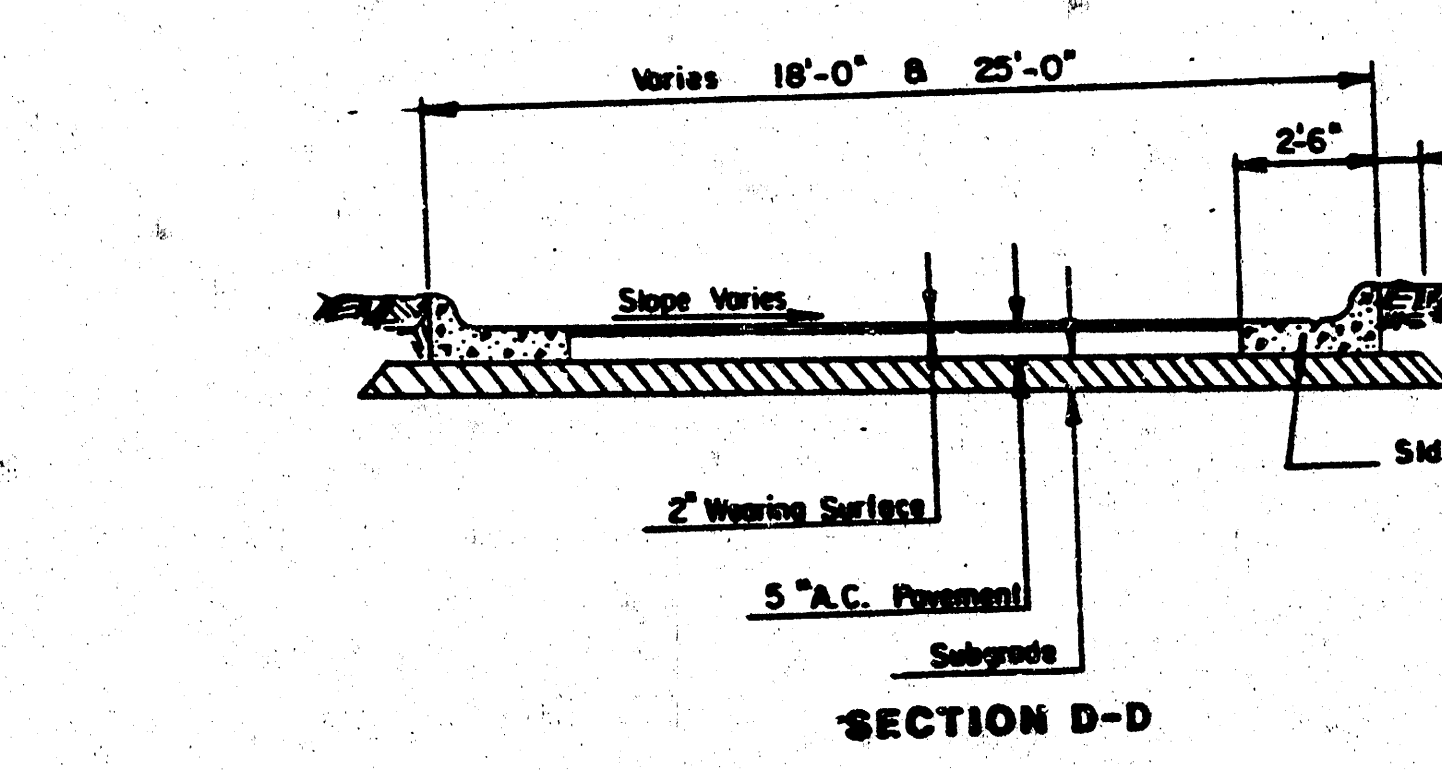
SECTION A-A



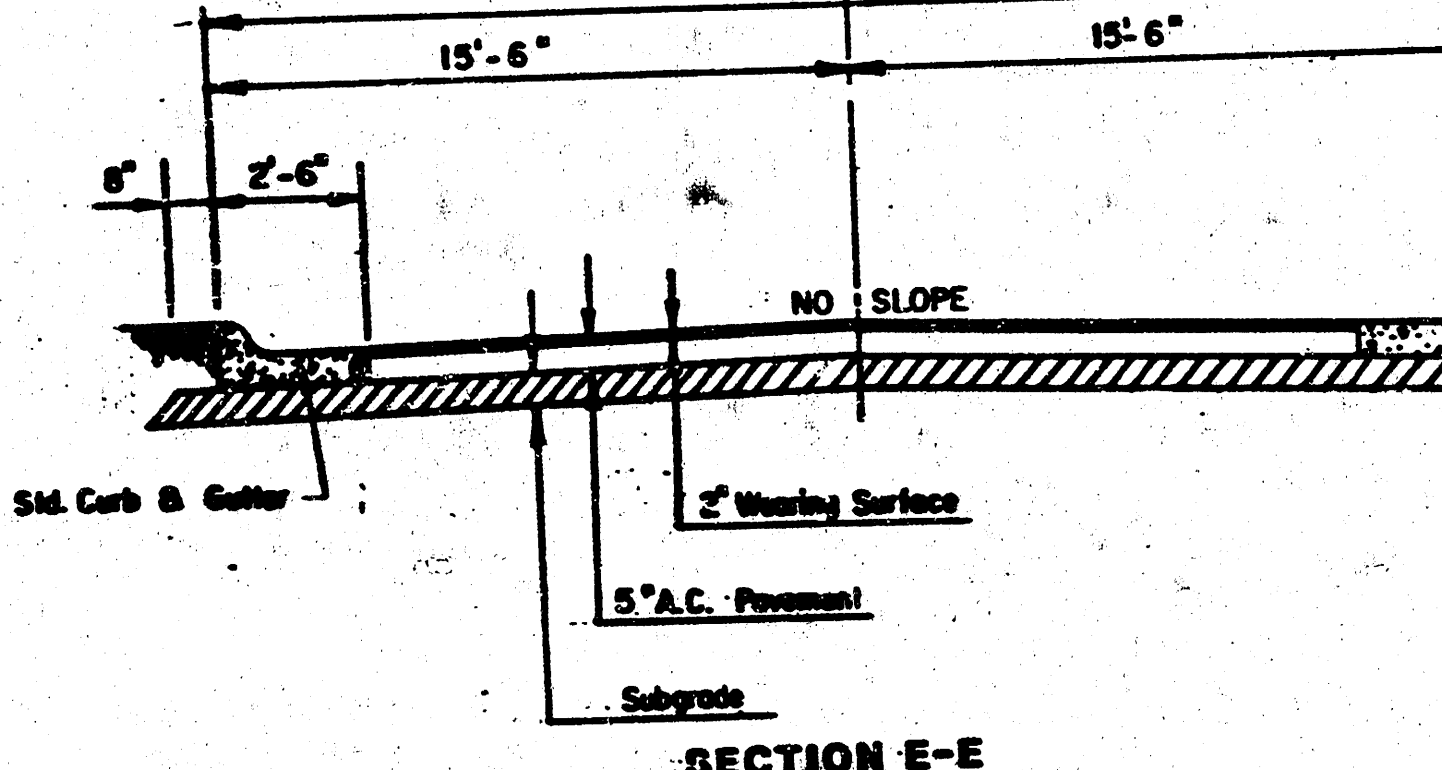
SECTION B-B



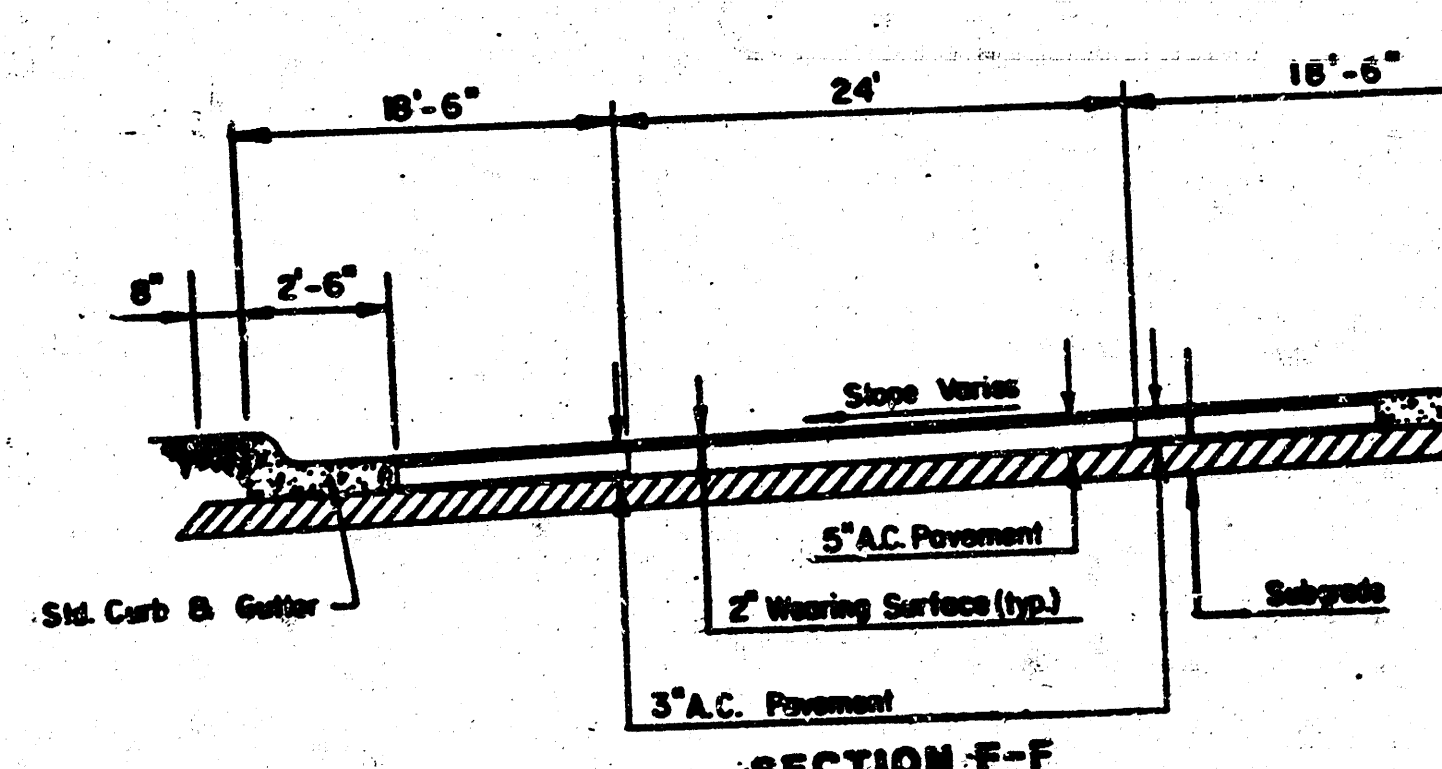
SECTION C-C



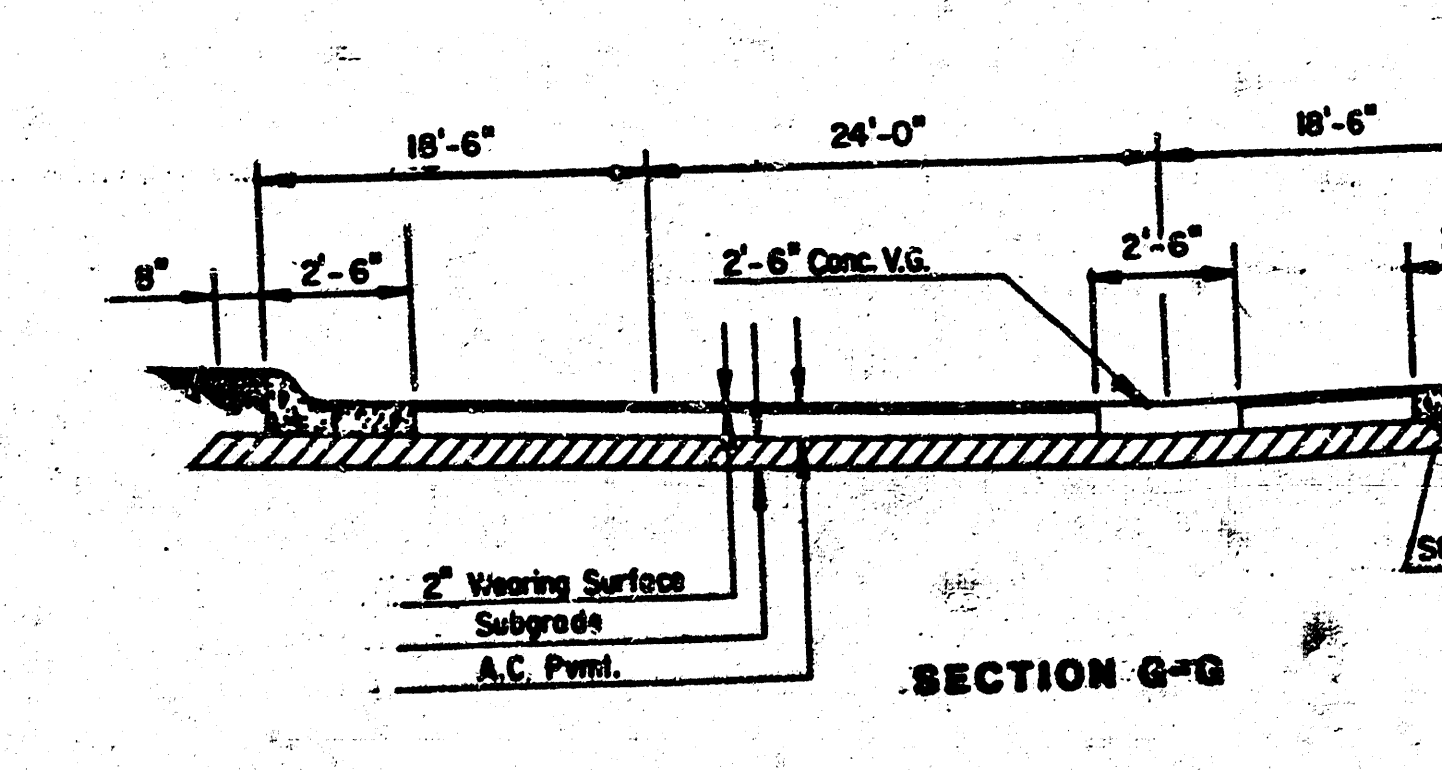
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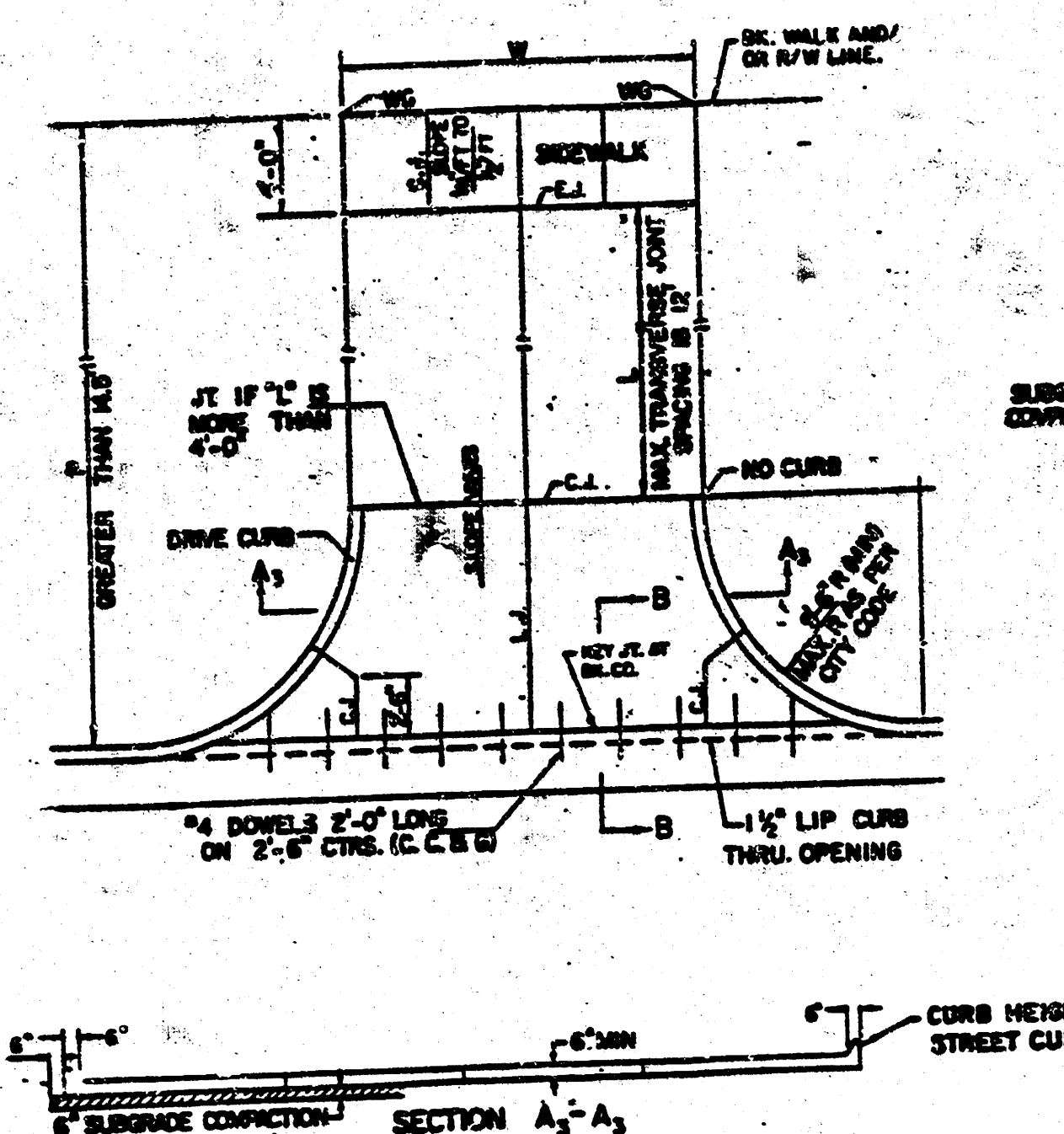
SECTION E-E



SECTION F-F

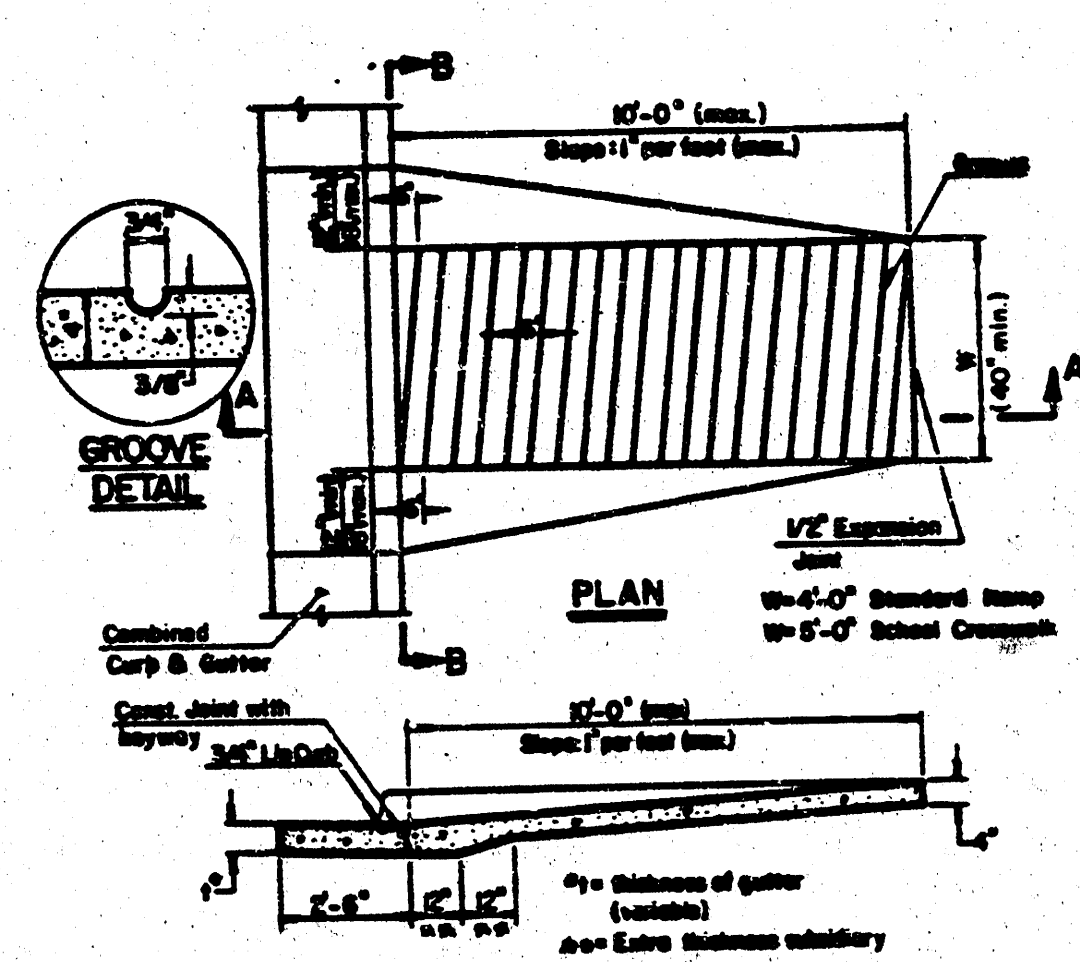


SECTION G-G

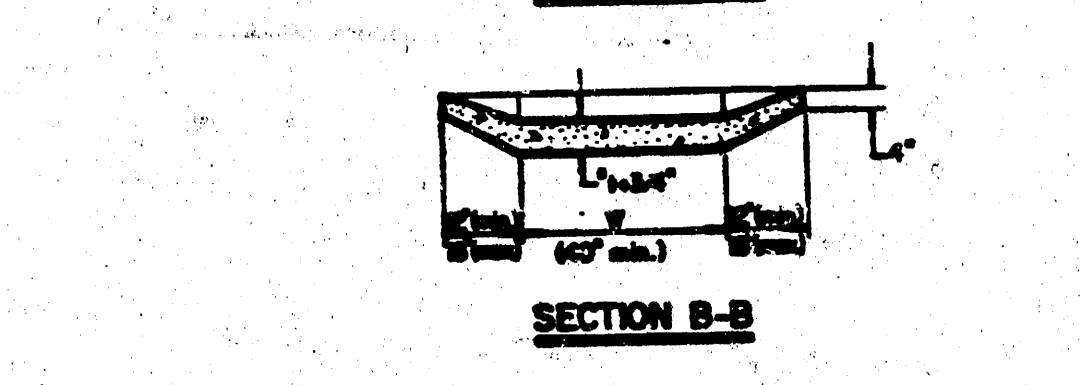


PAVING WIDTH "P"	14.5'	20'	25'	30'	35'	40'	45'	50'
ABSOLUTE MAX. DIST. OF PT. 10' ABOVE TOP OF FULL C.C.	0.001130	0.001235	0.001340	0.001445	0.001550	0.001655	0.001760	0.001865
ABSOLUTE MAX. DIST. OF PT. 10' ABOVE TOP OF FULL C.C.	0.001130	0.001235	0.001340	0.001445	0.001550	0.001655	0.001760	0.001865
ABSOLUTE MAX. DIST. OF PT. 10' ABOVE TOP OF FULL C.C.	0.001130	0.001235	0.001340	0.001445	0.001550	0.001655	0.001760	0.001865
ABSOLUTE MAX. DIST. OF PT. 10' ABOVE TOP OF FULL C.C.	0.001130	0.001235	0.001340	0.001445	0.001550	0.001655	0.001760	0.001865

FULL RADIUS DRIVES (P=14.5' & GREATER)

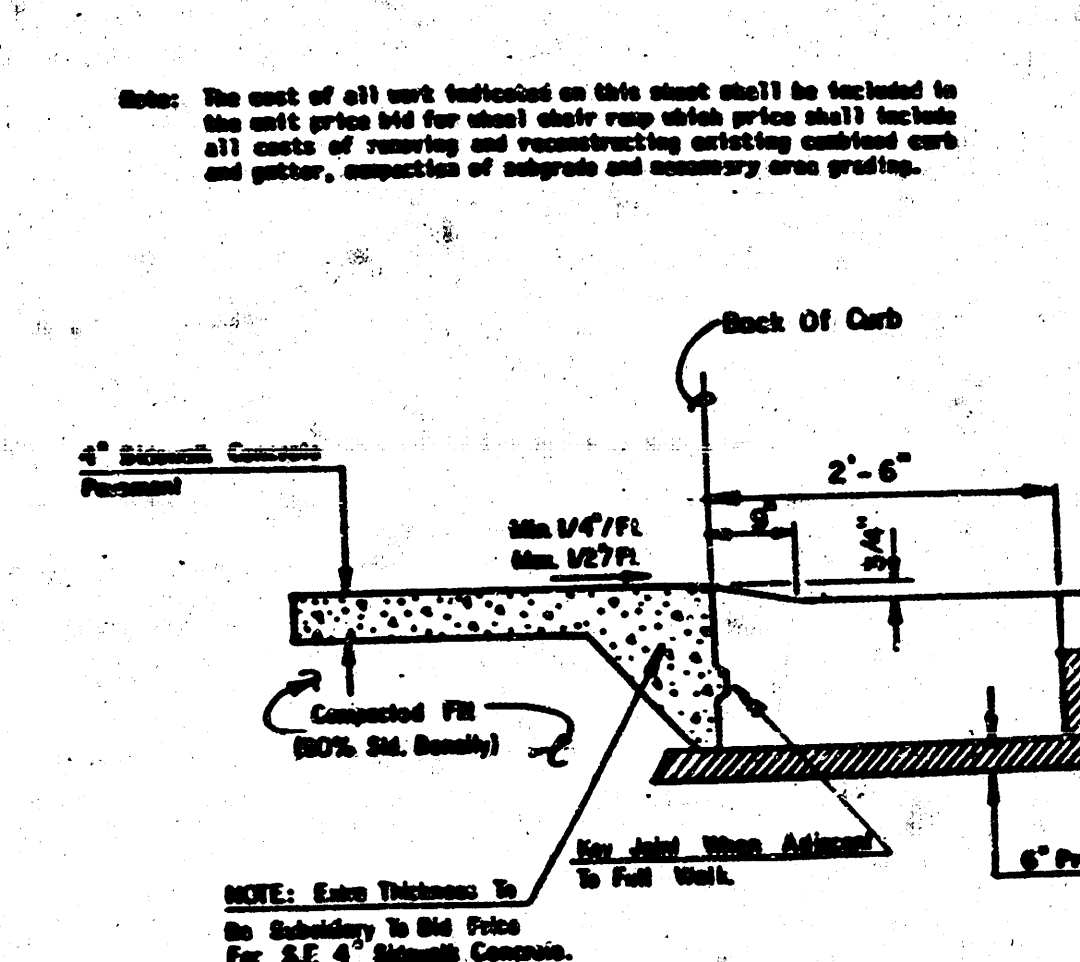


SECTION A-A



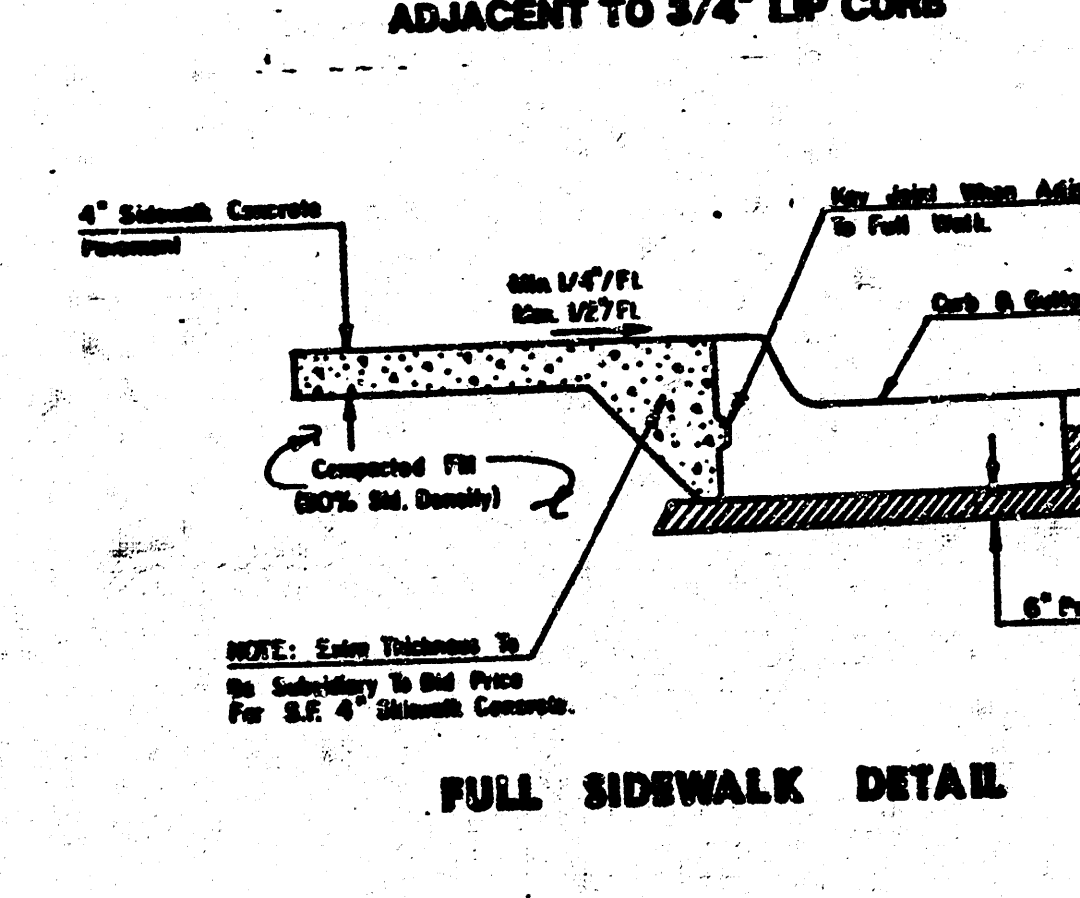
SECTION B-B

STANDARD WHEELCHAIR RAMP



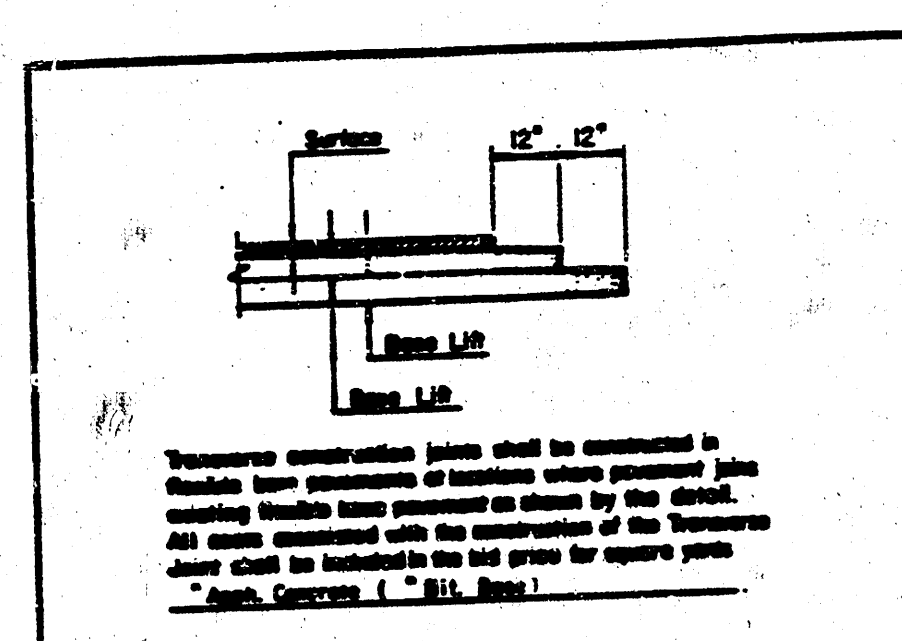
SECTION A-A

FULL SIDEWALK DETAIL ADJACENT TO 3/4" LIP CURB

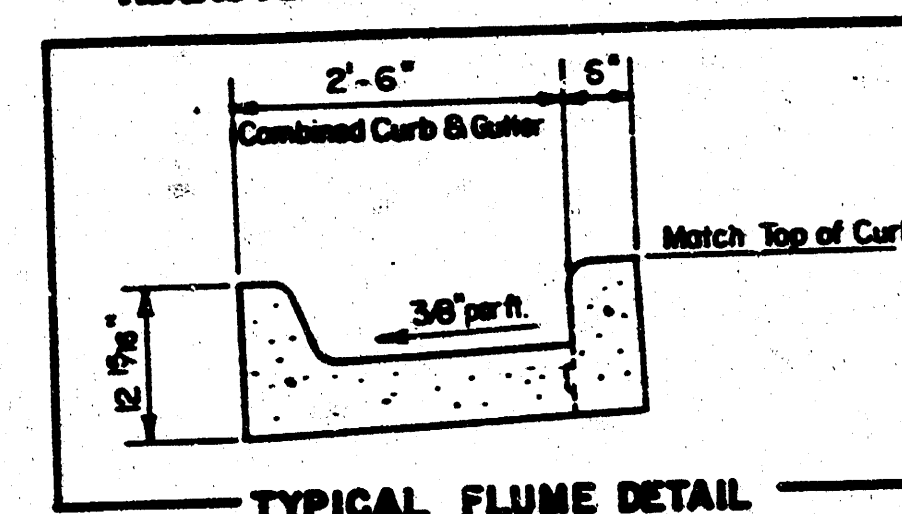


SECTION A-A

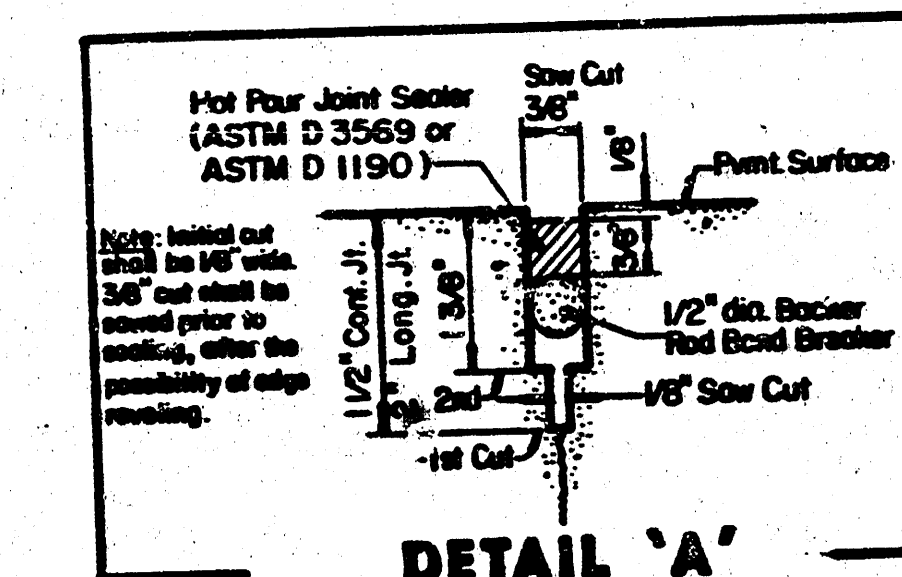
FULL SIDEWALK DETAIL



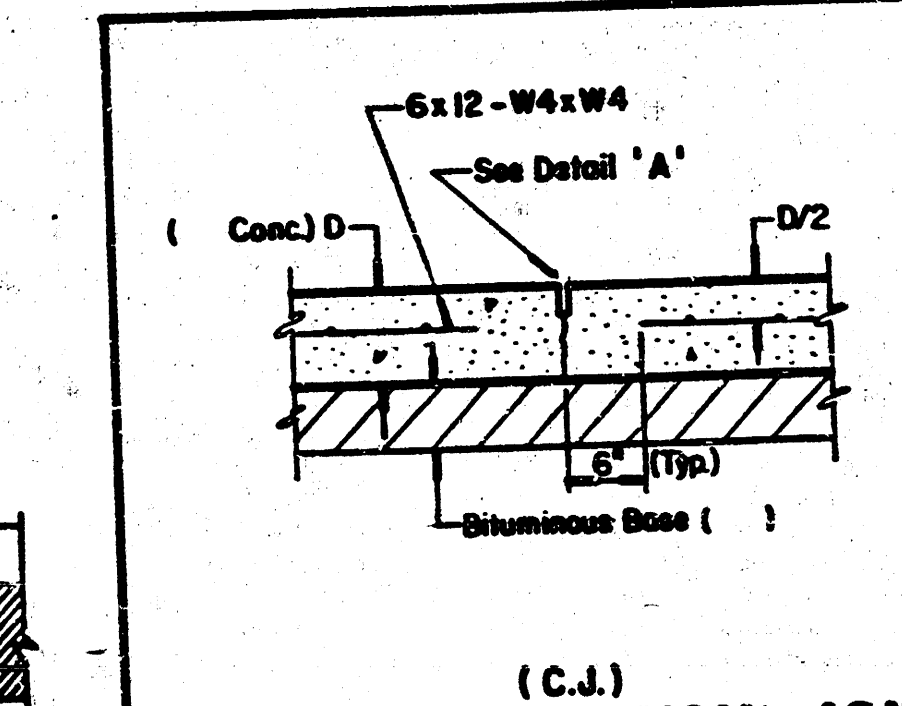
TRANSVERSE CONSTRUCTION JOINTS



TYPICAL FLUME DETAIL



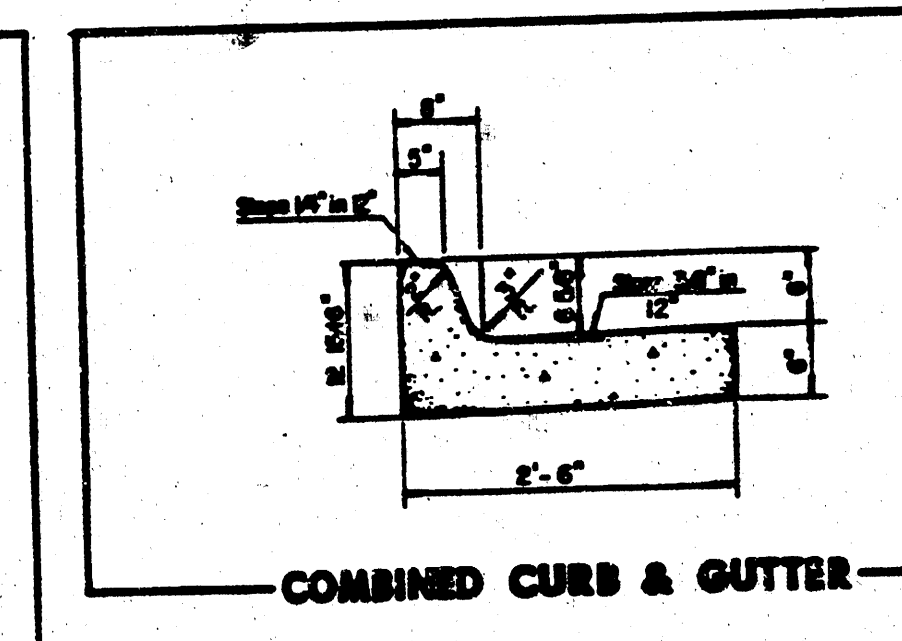
DETAIL 'A'



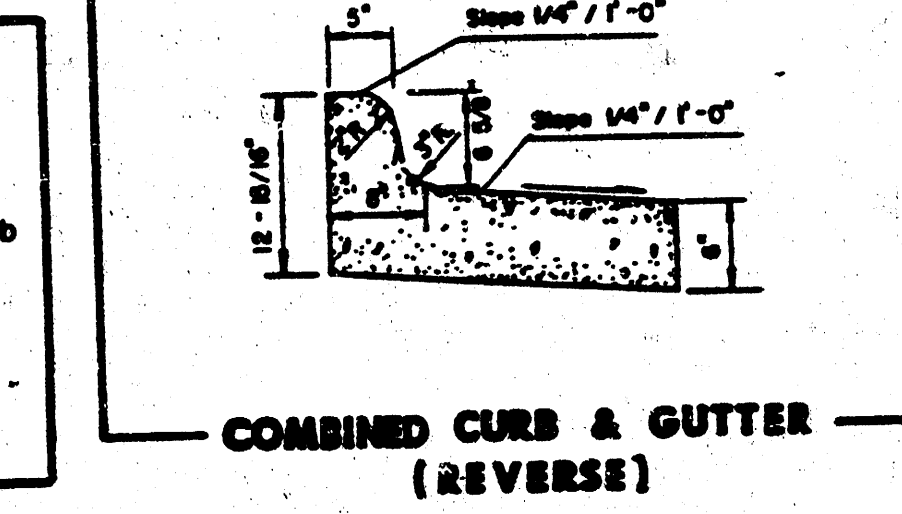
SAWED CONTRACTION JOINT



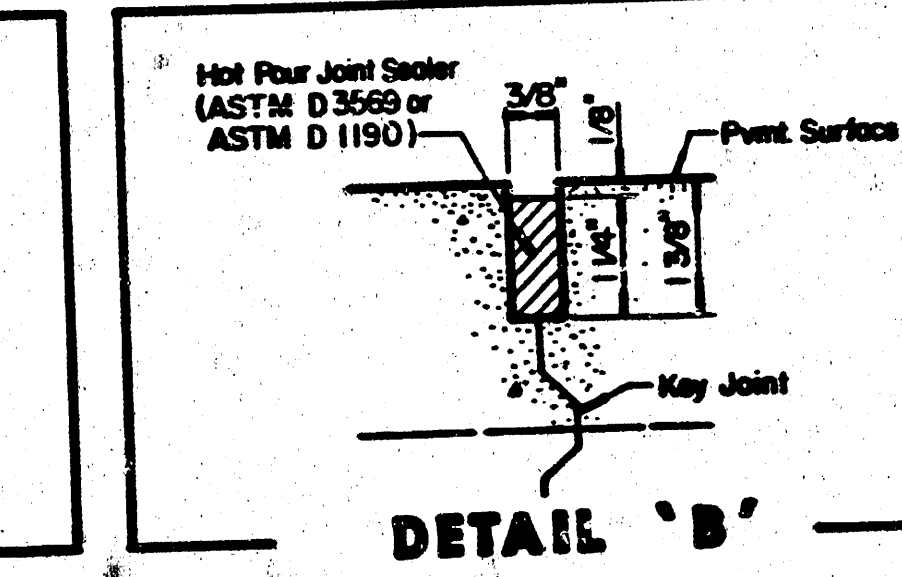
TIED KEYED JOINT



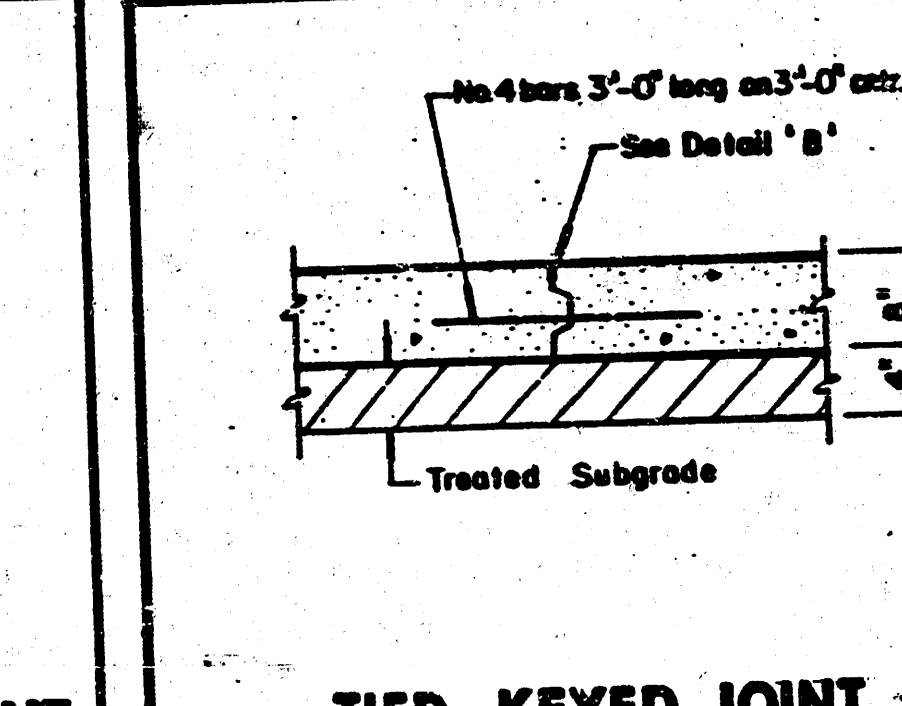
COMBINED CURB & GUTTER



COMBINED CURB & GUTTER (REVERSE)



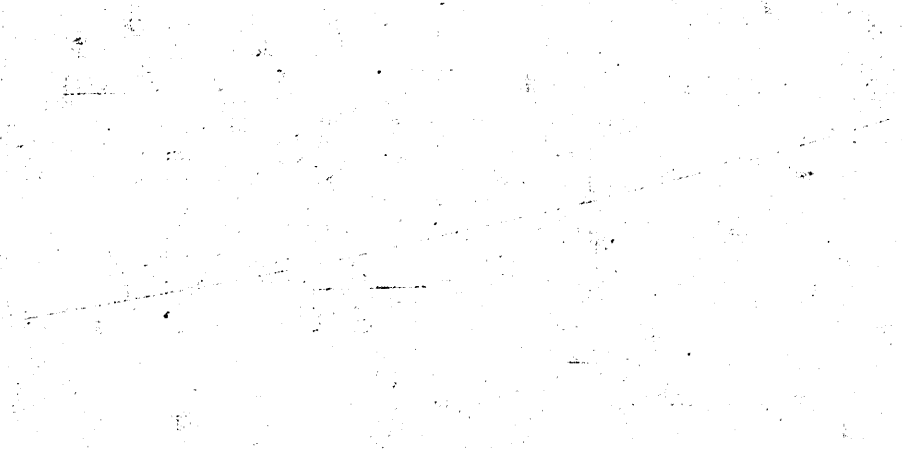
DETAIL 'B'



TIED KEYED JOINT



TIED KEYED JOINT



TIED KEYED JOINT

TIED KEYED JOINT

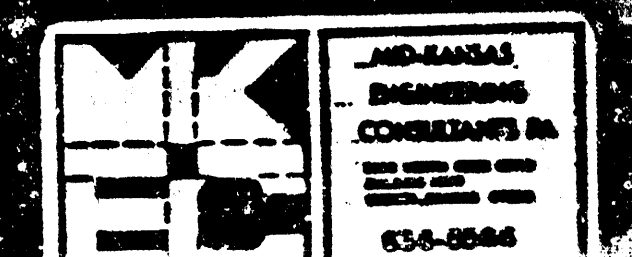


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MEDICAL ARCHITECTS / DESIGN CONSULTANTS

18 N. SIERRA MADRE, COLORADO SPRINGS, COLORADO 80903

(719) 538-0864



Job Title: ARTZ, TYRONE D., M.D.

WICHITA, KS

9-21-90

9-22-90

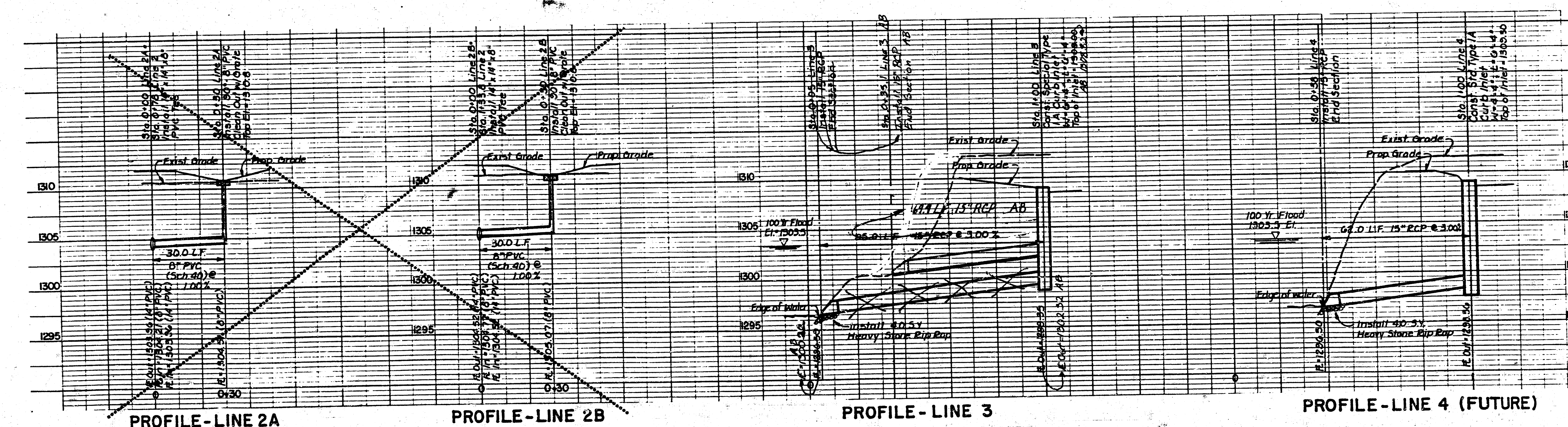
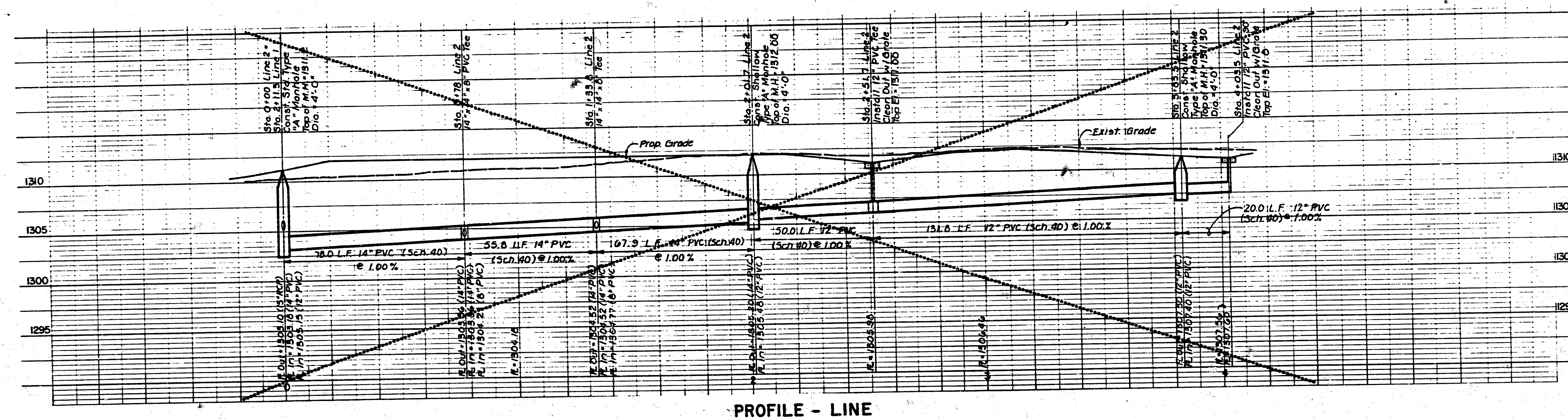
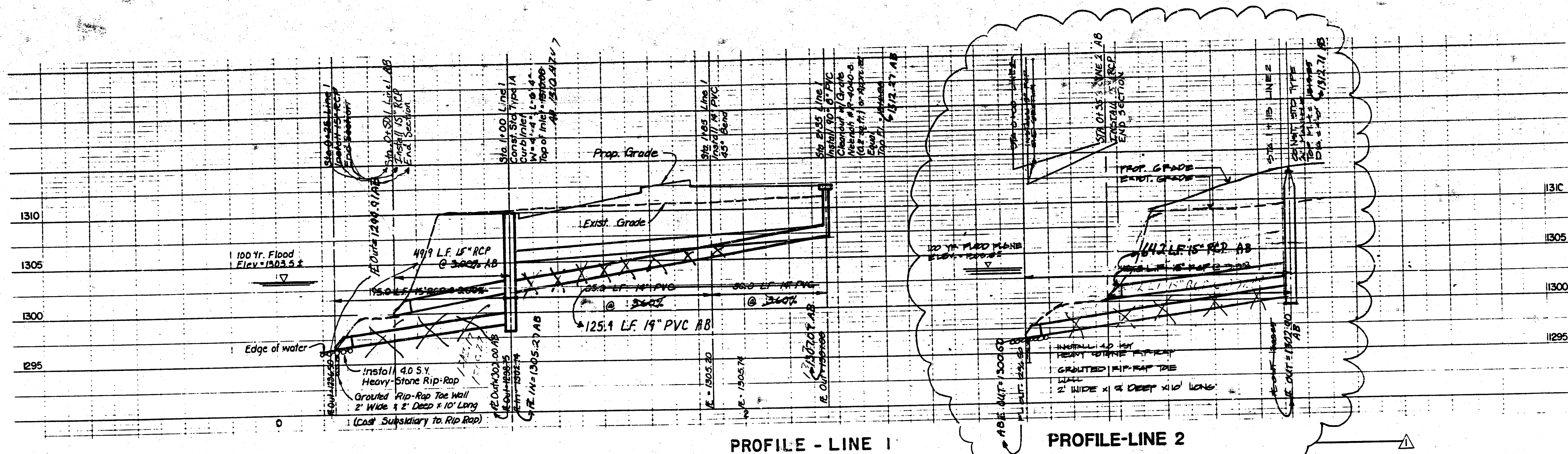
DLM, EAF, DPR, GJA

Sheet Title: PAVEMENT DETAILS

Sheet Number: C-3

6

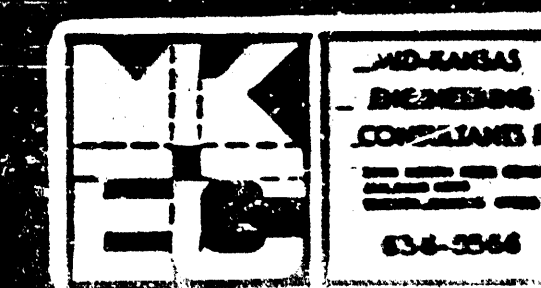
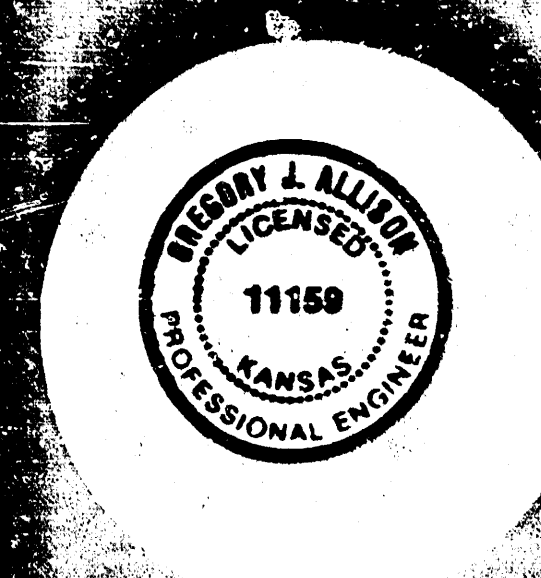
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ROBT MARASCO & ASSOCIATES, INC.

MEDICAL ARCHITECTS
/ DESIGN CONSULTANTS

18 N. SIERRA MADRE
COLORADO SPRINGS
COLORADO, 80903
(719) 635-0864



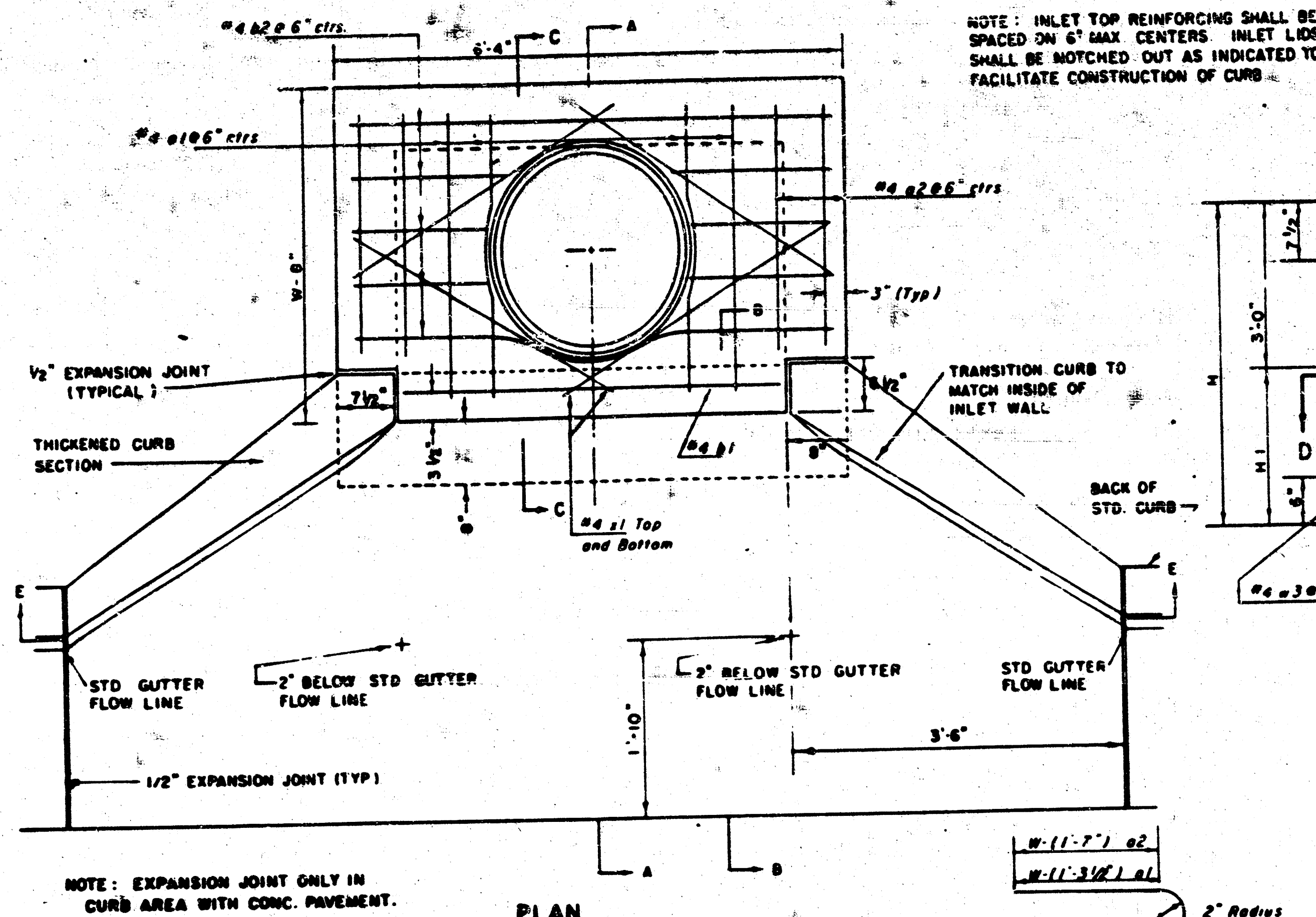
Job Title
ARTZ, TYRONE D., M.D.

WICHITA, KS

Sheet Title
**STORM SEWER
PROFILE
LINE 1, 2, 2A, 2B,
3 & 4 (Future)**

Sheet Number
C8 4

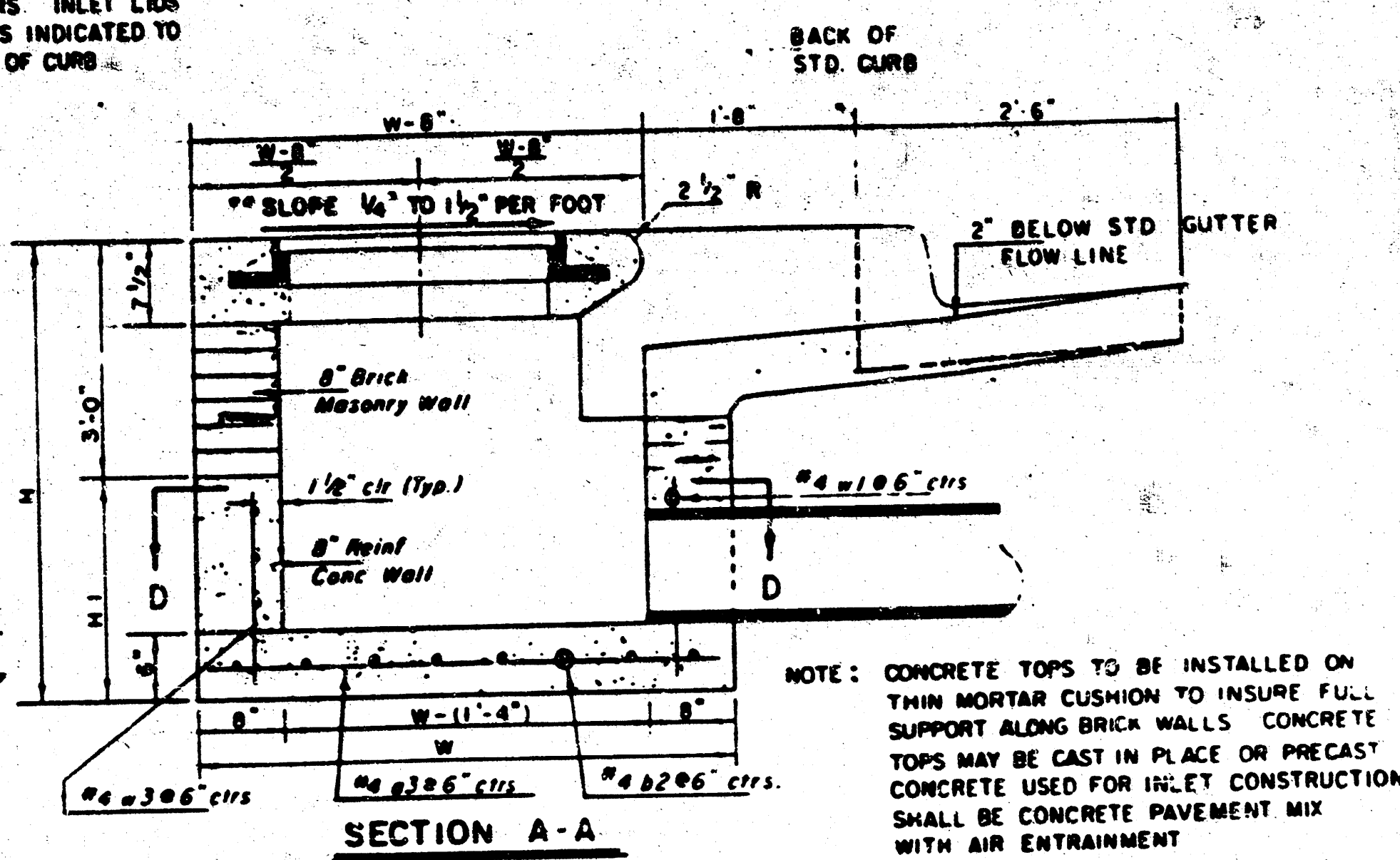
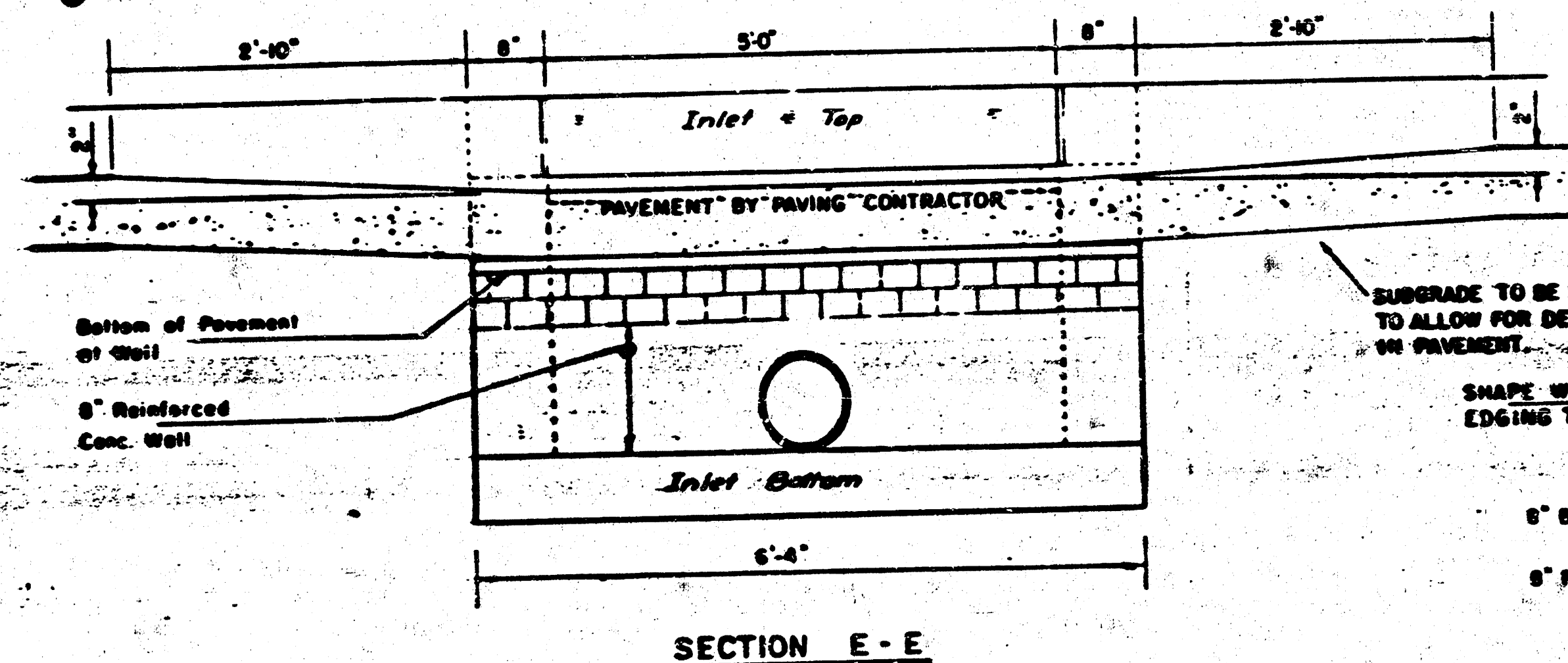
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AVAILABLE COPY



PRECAST SLAB AND FLOOR REINFORCING									
Mark	Size	No.	Length	No.	Length	No.	Length	No.	Length
101	6"	6	6'-0"	6	6'-0"	6	10'-0"	6	12'-0"
102	6"	6	6'-0"	6	6'-0"	6	10'-0"	6	12'-0"
103	6"	13	4'-1"	13	5'-1"	13	6'-1"	13	7'-1"
104	6"	1	4'-9"	1	4'-9"	1	4'-9"	1	4'-9"
105	6"	23	6'-1"	23	6'-1"	34	6'-1"	41	6'-1"
106	6"	8	3'-10"	8	4'-2"	8	4'-6"	8	5'-2"

WALL REINFORCING									
Mark	Size	No.	Length	No.	Length	No.	Length	No.	Length
107	6"	0	6'-1"	0	6'-1"	0	6'-1"	0	6'-1"
108	6"	0	4'-1"	0	5'-1"	0	7'-1"	0	8'-1"
109	6"	32	6'-1"	32	6'-1"	44	6'-1"	49	6'-1"

* Field bond or cut reinforcing as required for clearance.
 ① 4(N1-12") : (N1-12") Round down to nearest 0.5"
 ② N1-3"



NOTE: CONTRACTOR SHALL HAVE THE OPTION OF CONSTRUCTING 8" BRICK MASONRY WALLS BETWEEN THE CONCRETE INLET BASE AND TOP ON THIS INLET WHEN W = 6'-0" AND H = 7'-0" OR LESS.

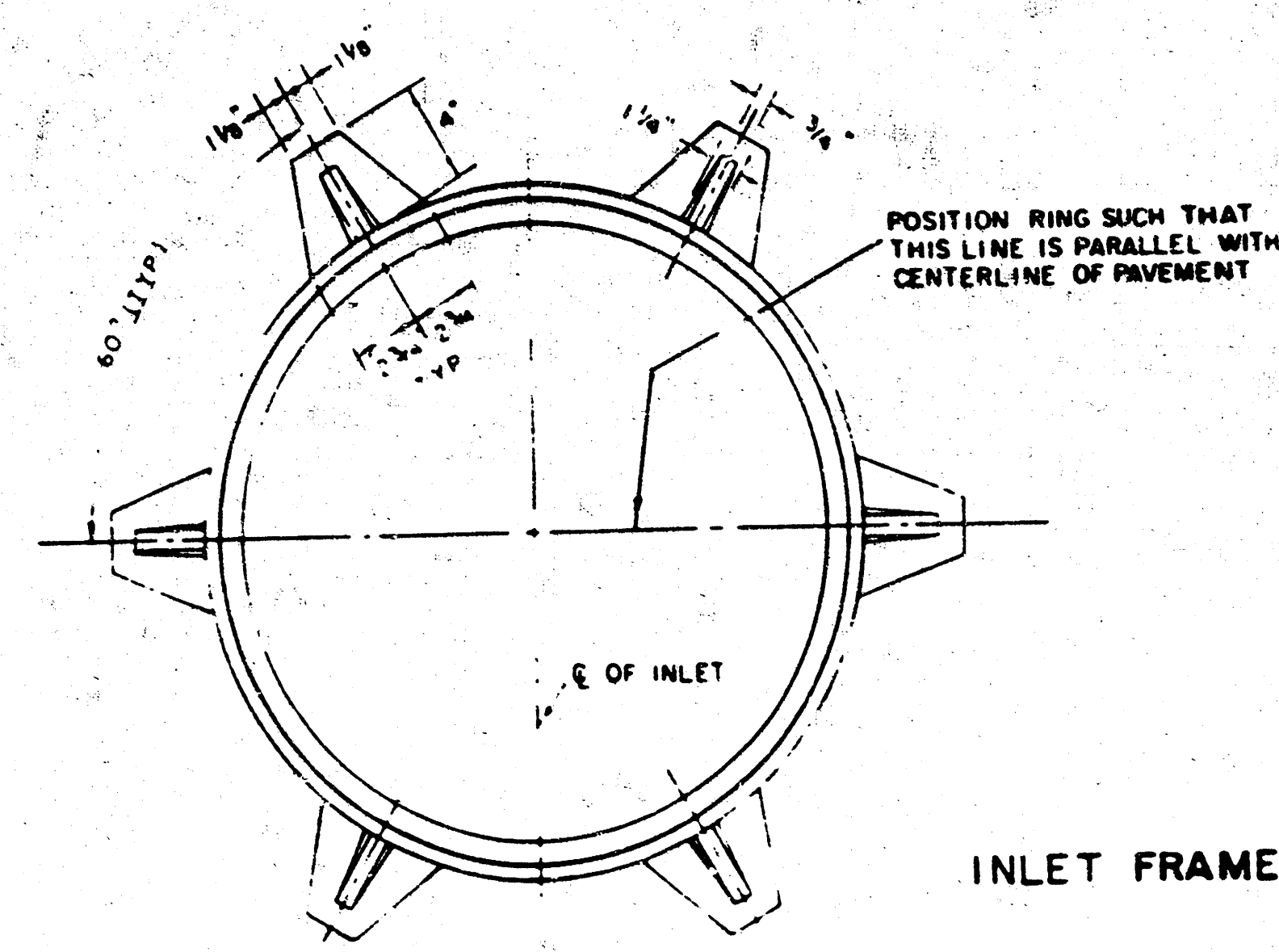
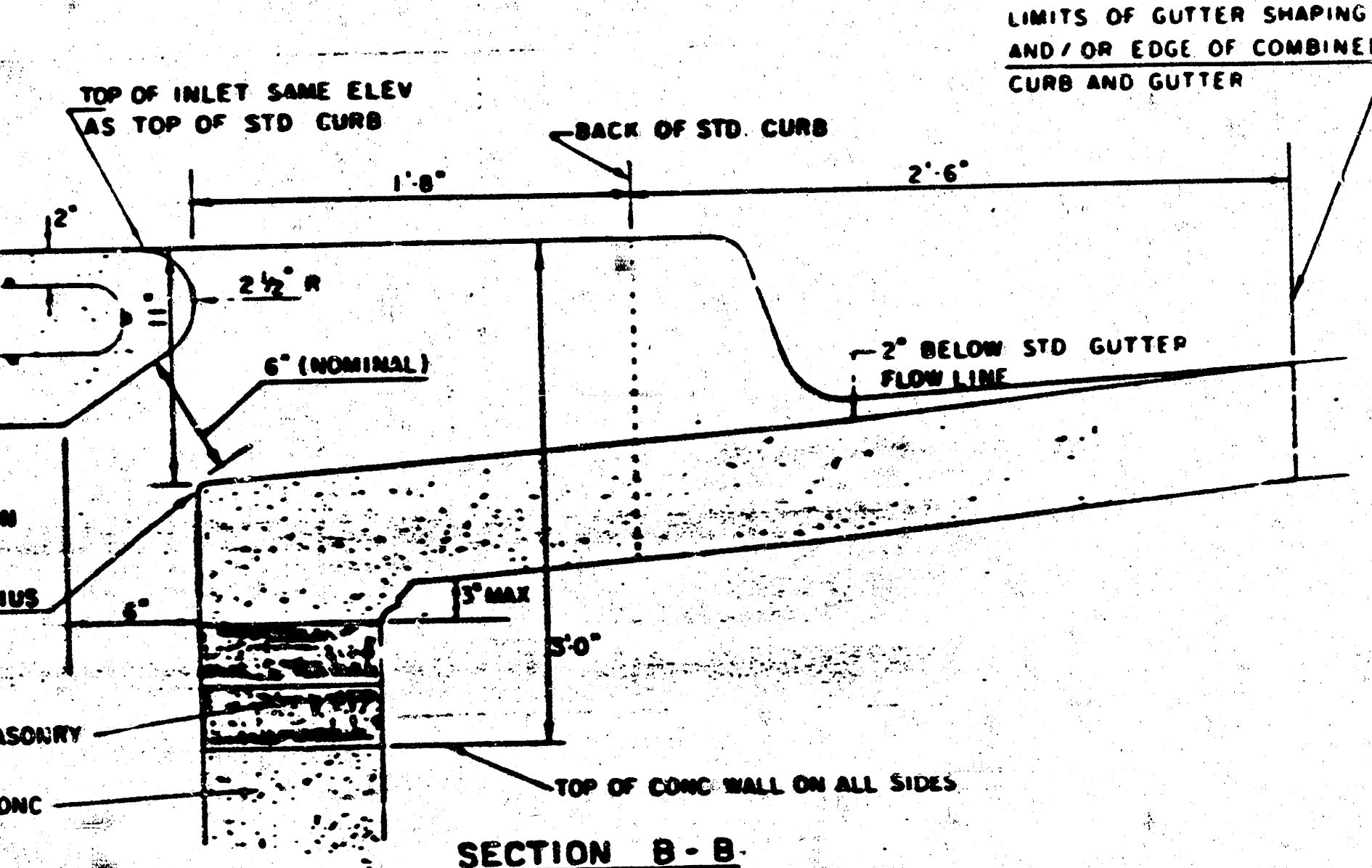
ADDITIONAL CURB AND GUTTER CONSTRUCTION NECESSARY TO CONNECT SET-BACK INLET TO PAVEMENT WILL BE PAID FOR AT THE UNIT PRICE BID FOR EACH INLET ADDUP.

INLET INVERT SHALL BE SHAPED WITH A 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.

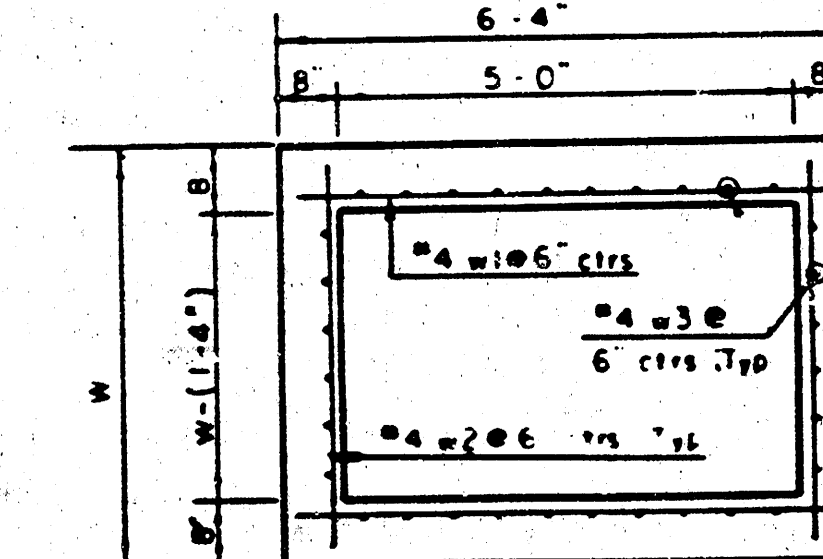
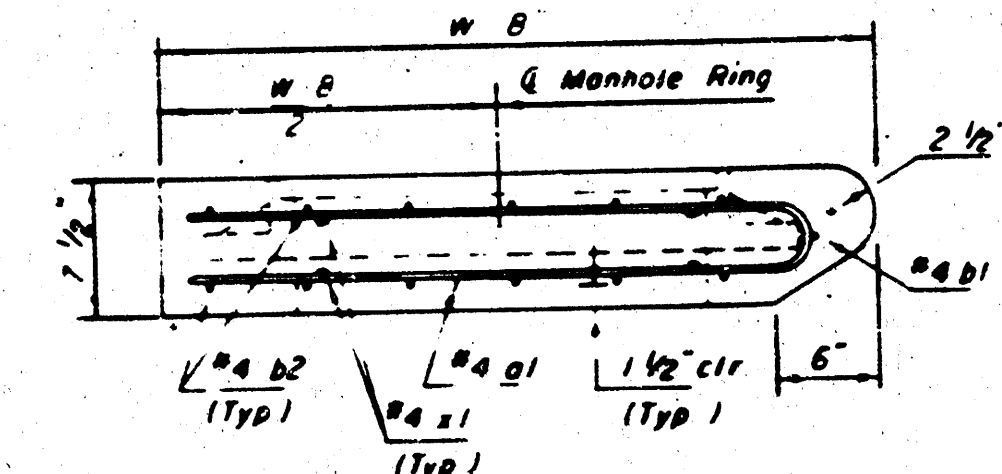
THE ENDS OF ALL PIPES INSTALLED IN INLETS SHALL BE CUT OFF FLUSH WITH THE INSIDE FACE OF THE INLET WALL.

NOTE: Slope of Inlet Tops to match Sidewalk or Parking Slopes within Limits indicated.

W	PRE-CAST TOP SIZE	PIPE SIZE	CU TO CONC.
4'-0"	12" x 12" x 12"	24" x 30"	0.38
5'-0"	12" x 12" x 12"	24" x 30"	0.51
6'-0"	12" x 12" x 12"	30" x 42"	0.64
7'-0"	12" x 12" x 12"	30" x 42"	0.77
8'-0"	12" x 12" x 12"	30" x 42"	0.90



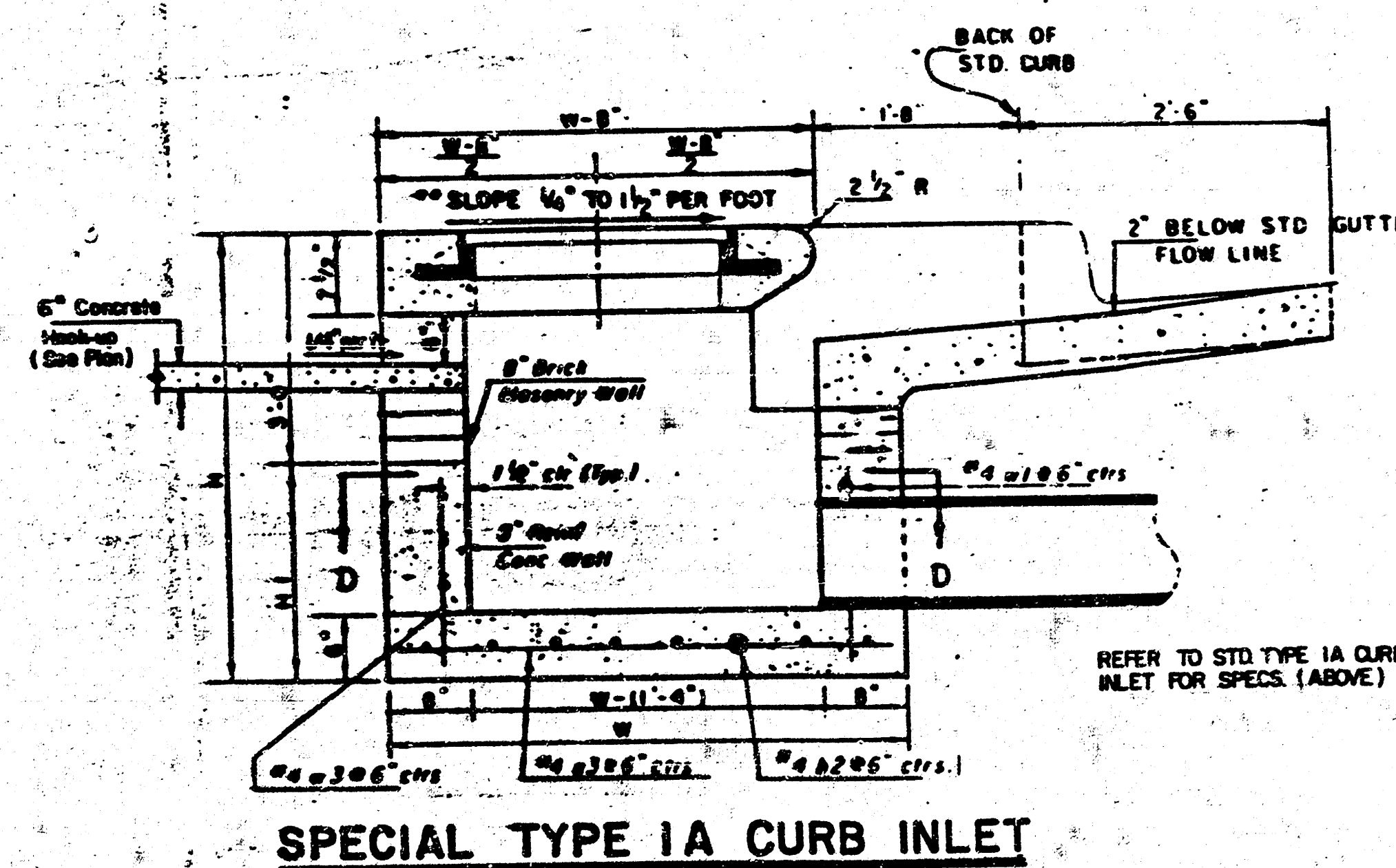
SEE CITY OF WICHITA STANDARD MANHOLE FRAME AND COVER DETAIL SHEET FOR COVER DETAILS TO BE USED WITH INLET FRAME



DETAIL STANDARD TYPE I A CURB INLET
 CITY OF WICHITA, KANSAS
 INLET OPENING = 6"x5'-0"

JUNE 1984

Revised 2-16-89



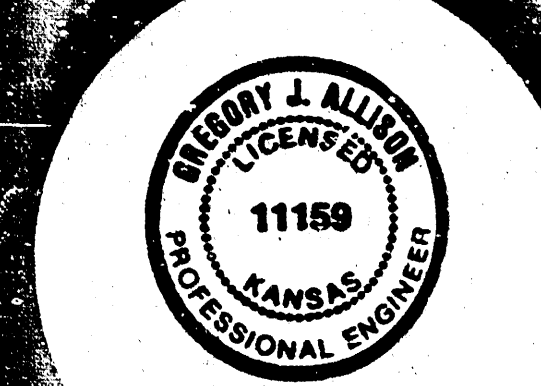
STA 1+00 LINE 4
 W=6'-4", L=6'-4"

RMA

ROBT MARASCO & ASSOCIATES, INC.

MEDICAL ARCHITECTS / DESIGN CONSULTANTS

18 N. SIERRA MADRE
 COLORADO SPRINGS
 COLORADO, 80903
 (719) 635-0884



Job Title
 ARTZ, TYRONE D., M.D.

WICHITA, KS

80-715
 7-20-79

GJA

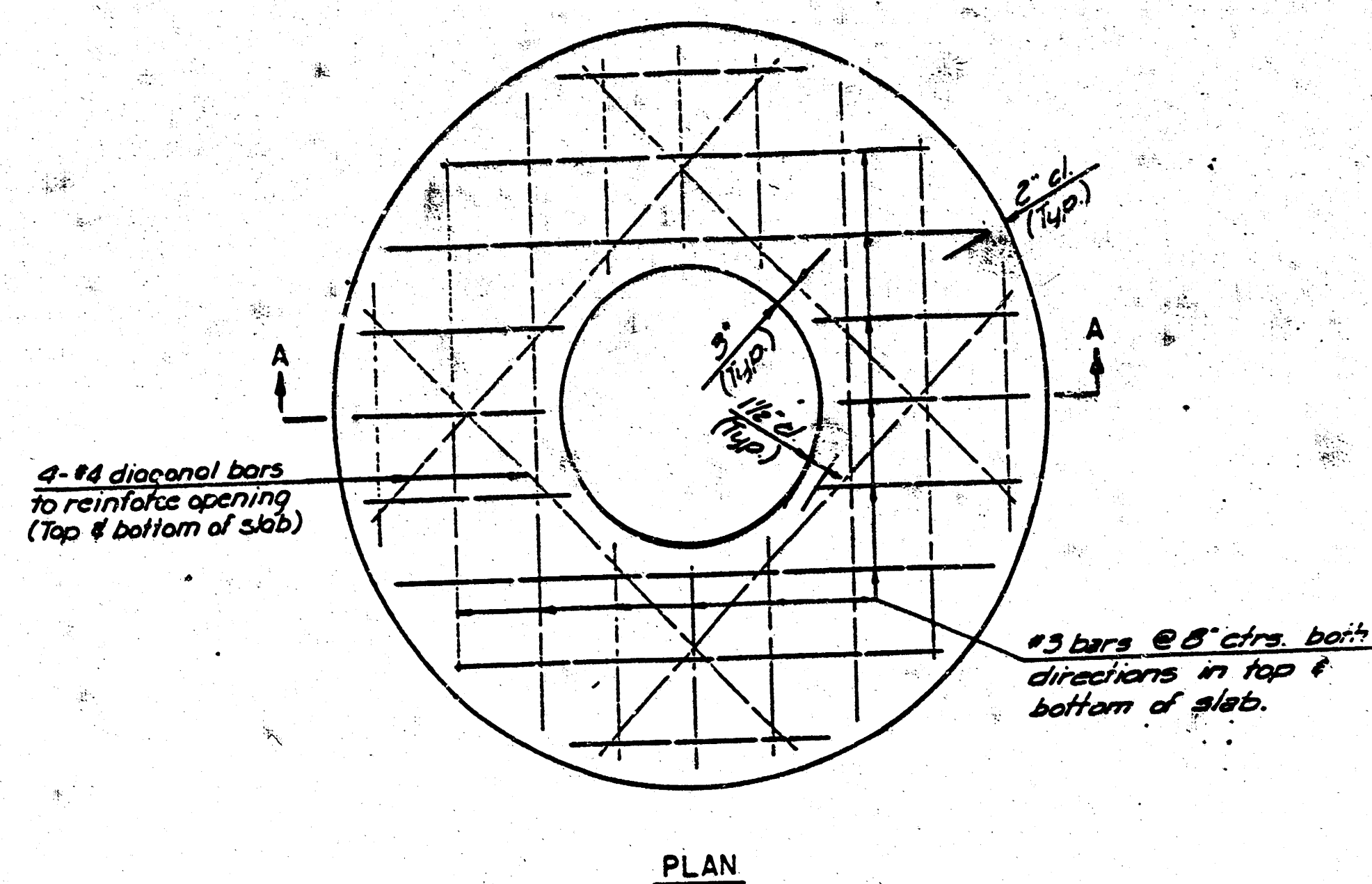
Sheet Title

STORM SEWER DETAILS

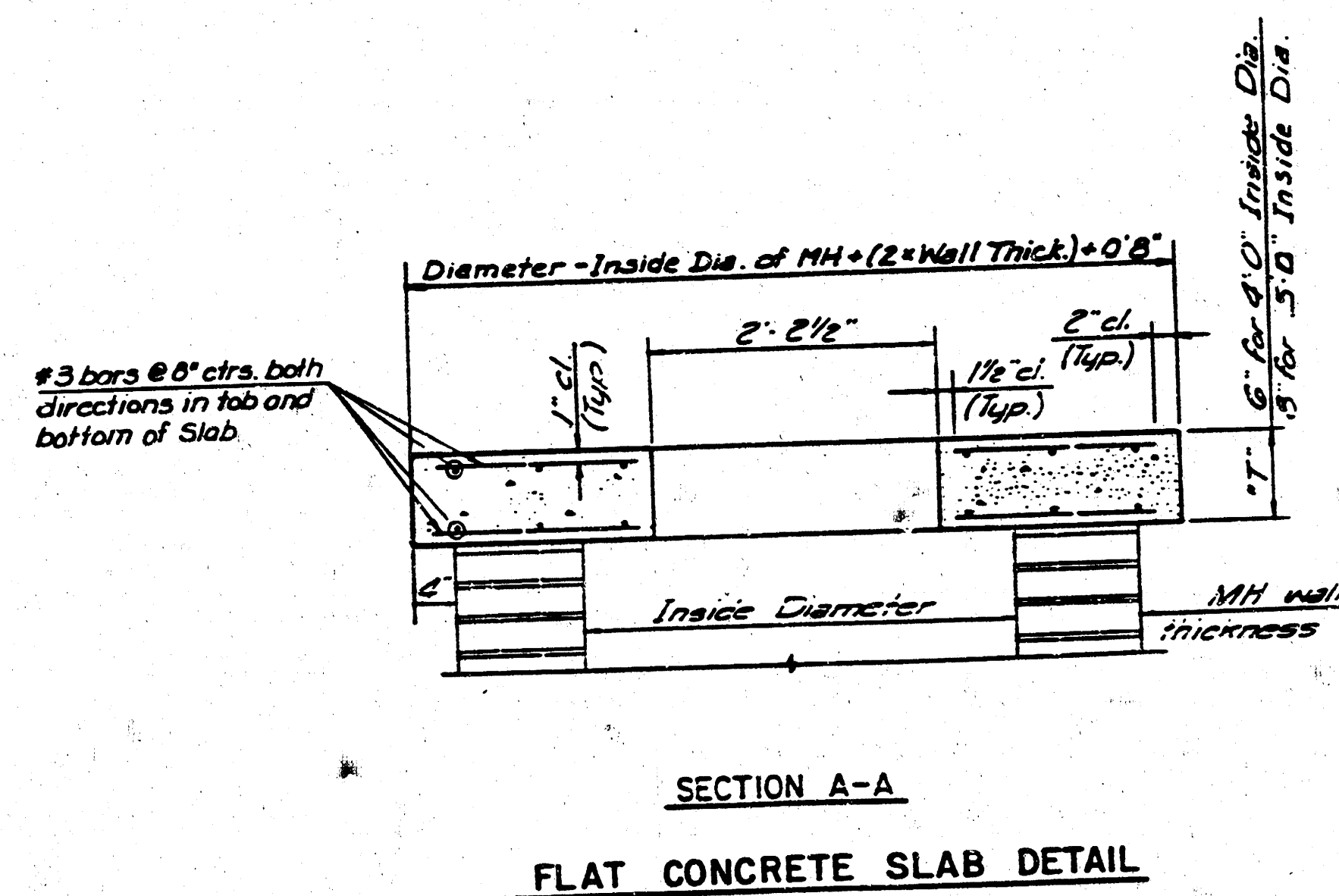
Sheet Number

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PLAN



MASONRY COLLAR DETAIL

FLAT CONCRETE SLAB DETAIL

GENERAL NOTES

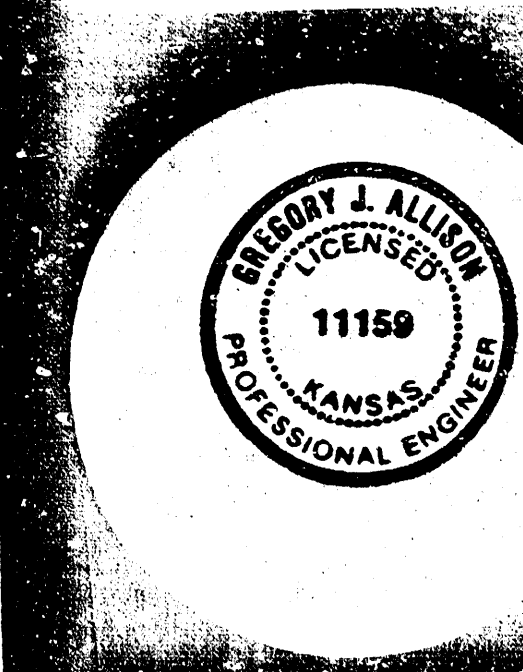
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**ROBT MARASCO &
ASSOCIATES, INC.**

**MEDICAL ARCHITECTS
/DESIGN CONSULTANTS**

18 N. SIERRA MADRE
COLORADO SPRINGS
COLORADO. 80903

(719) 635-096



Job Title
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WICHITA, KS

GJA

Sheet Title

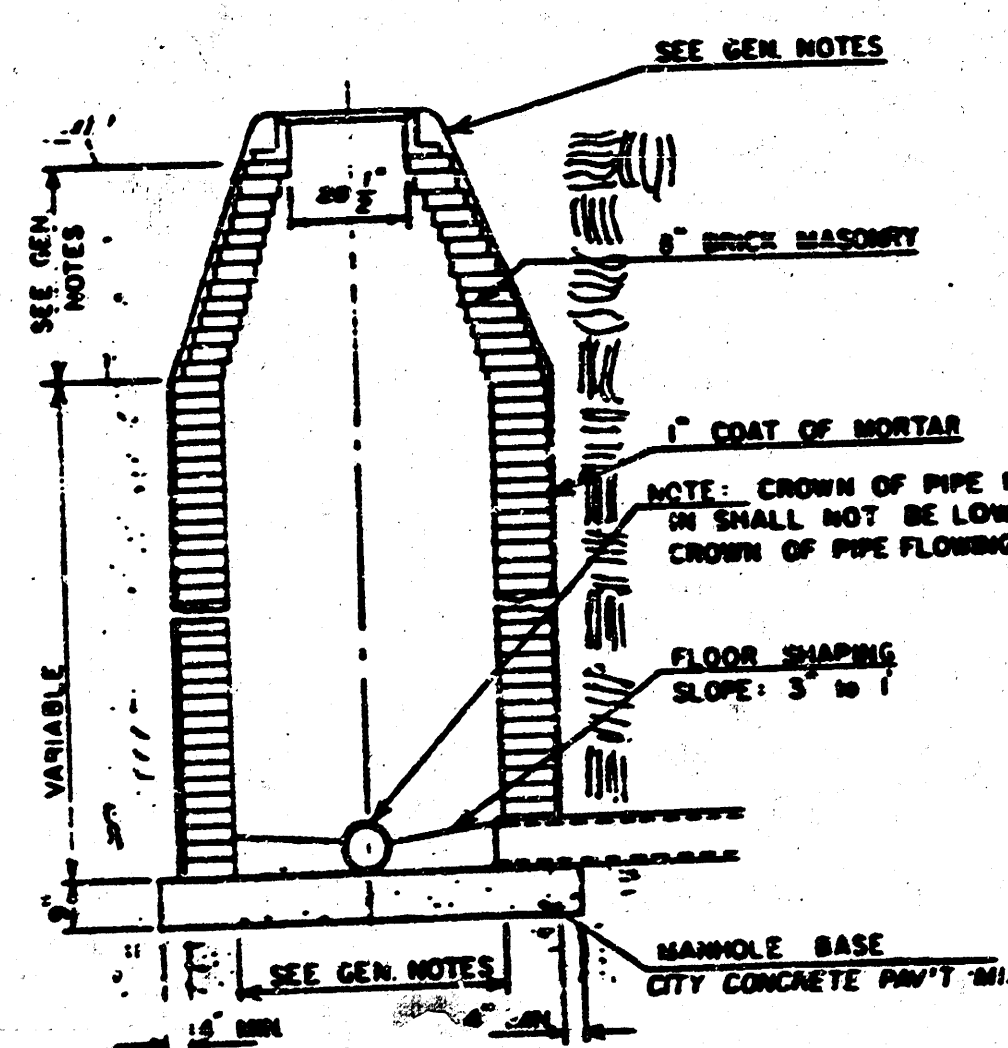
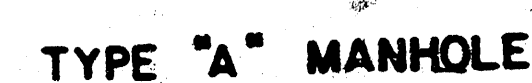
STORM SEWER DETAILS

Sheet Number

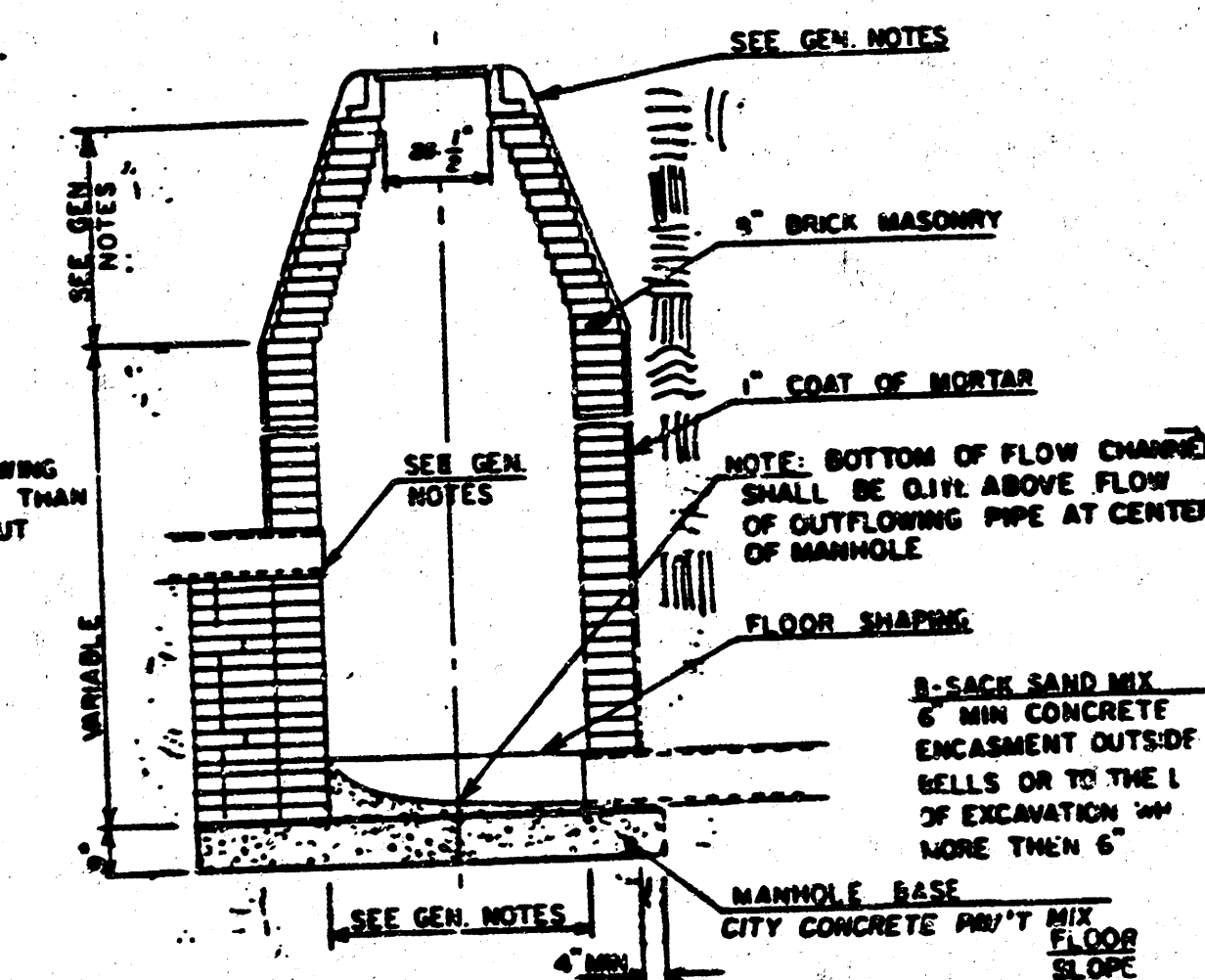
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6

DETAIL STANDARD TYPE "A" MANHOLE
CITY OF WICHITA, KANSAS

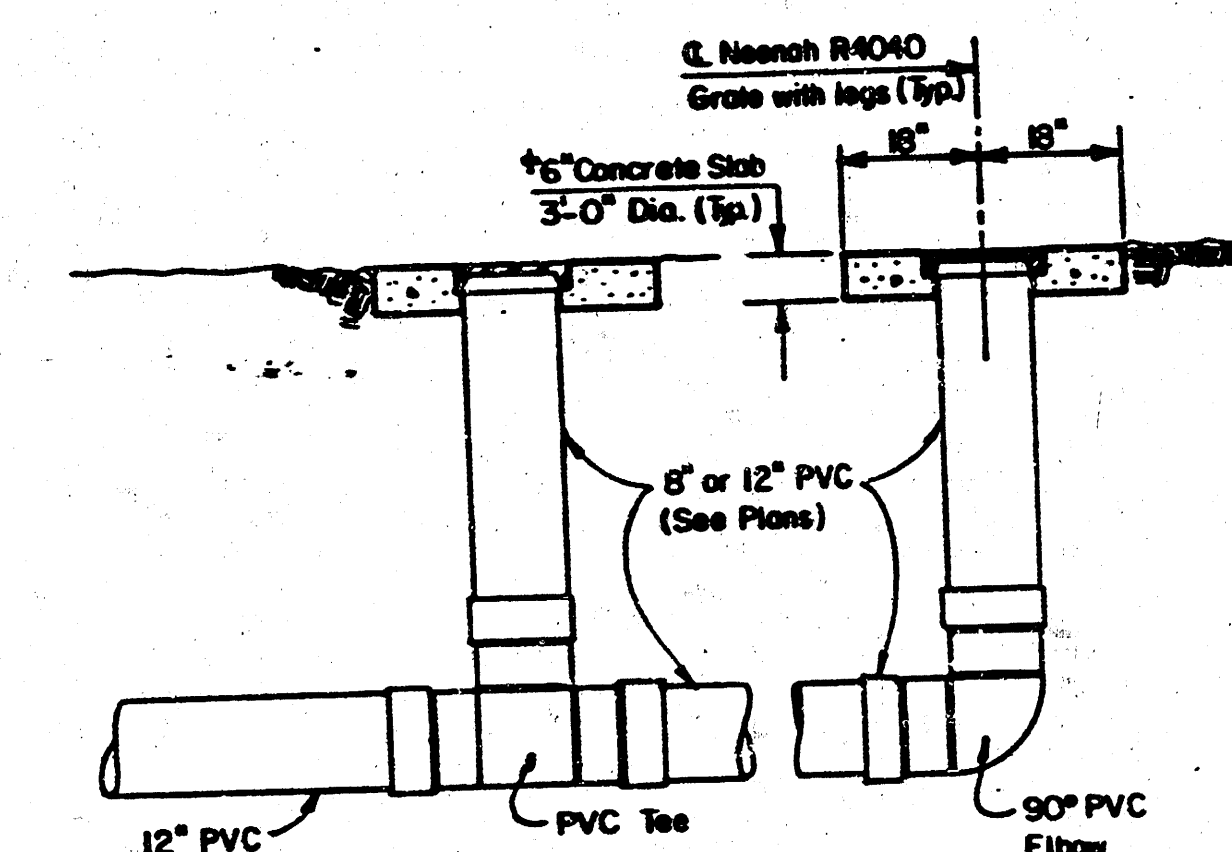


TYPE "A" INSIDE DROP MANHOLE



GENERAL NOTE

- [illegible]



TYPICAL CLEAN OUT DETAIL

†Construct concrete slab to allow seat for grate

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