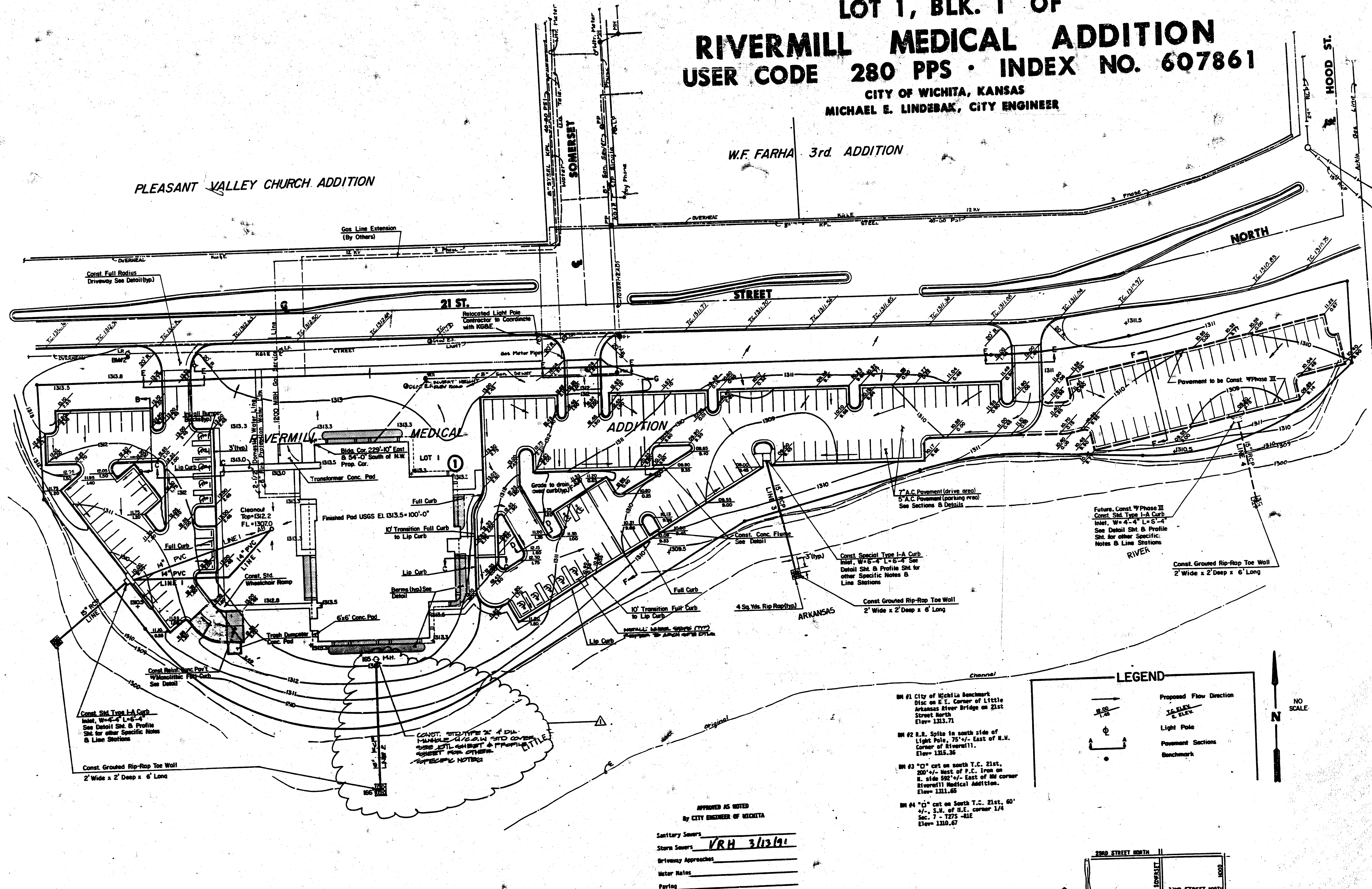


PRIVATE
STORM SEWER PLANS SERVING PART OF
LOT 1, BLK. 1 OF
RIVERMILL MEDICAL ADDITION
USER CODE 280 PPS • INDEX NO. 607861
CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK, CITY ENGINEER

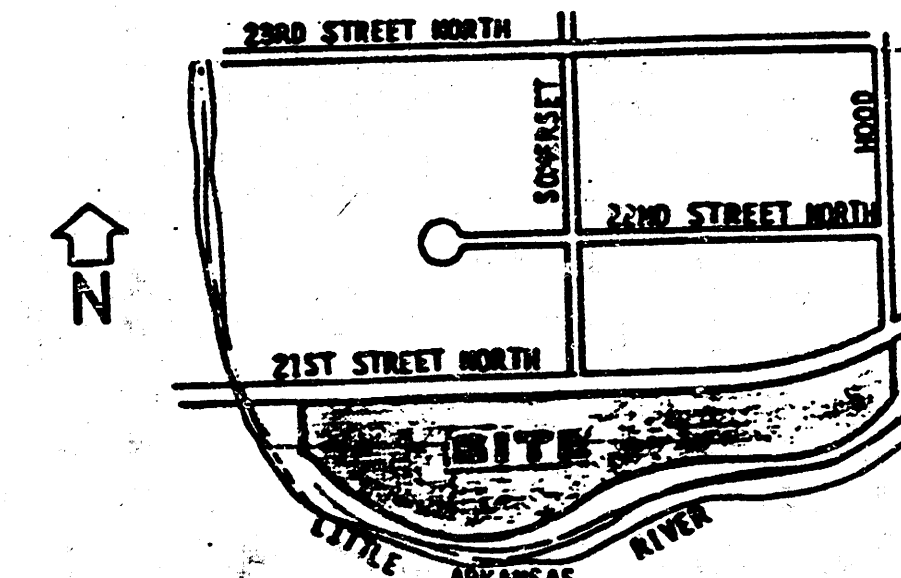
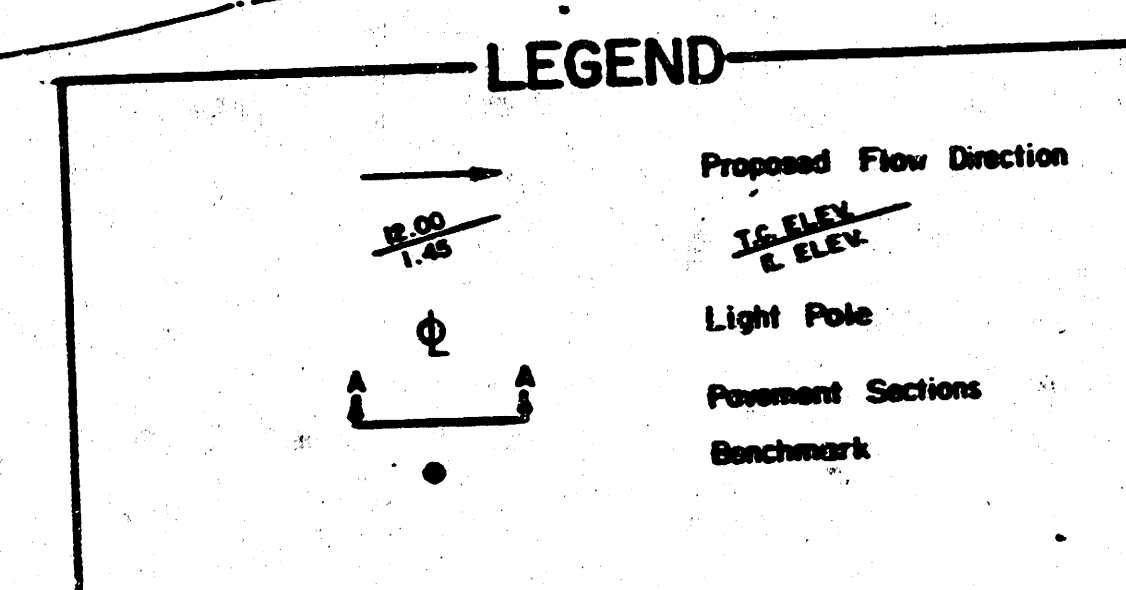


APPROVED AS NOTED
By CITY ENGINEER OF WICHITA

Sanitary Sewers
Storm Sewers VRH 3/13/91
Driveway Approaches
Meter Mains
Paving

NOTE TO CONTRACTOR
INSPECTION AND TESTING FOR THIS PROJECT IS TO BE PROVIDED BY A LICENSED CONSULTING ENGINEERING FIRM UNDER CONTRACT WITH THE CITY OF WICHITA. 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 DESIGNATED EASEMENTS OR THE PUBLIC RIGHT-OF-WAY BY THE CONTRACTOR WITHOUT SUCH INSPECTION FOR SHALL ANY WORK BE COMPLETED IN DESIGNATED EASEMENTS OR PUBLIC RIGHT-OF-WAY WITHOUT WRITTEN AUTHORIZATION BY THE CITY ENGINEER.

- WM #1 City of Wichita Benchmark
Disc on E.E. Corner of Little
Arkansas River Bridge on 21st
Street North
Elev= 1313.71
- WM #2 S.R. Split in south side of
Light Pole, 75' +/- East of N.W.
Corner of Rivermill.
Elev= 1313.38
- WM #3 "C" cut on south T.C. 21st.
200' +/- West of P.C. Iron on
N. side 582' +/- East of NW corner
Rivermill Medical Addition.
Elev= 1311.65
- WM #4 "C" cut on South T.C. 21st, 60'
W. +/- S.W. of N.E. corner 1/4
Sec. 7 - T27S - R1E
Elev= 1310.67



LOCATION MAP

Booked
7-91
MCS

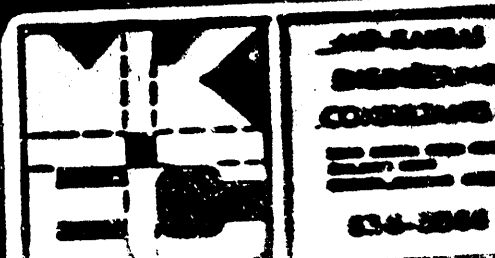
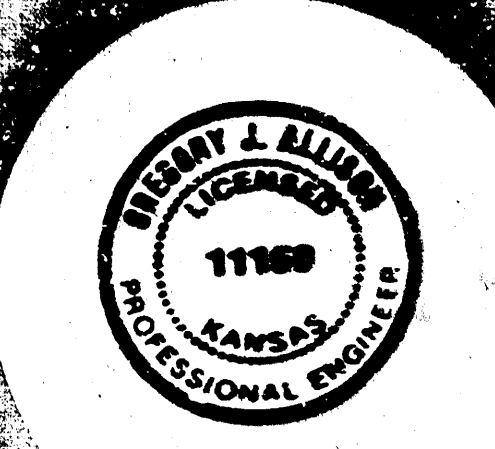
AS-BUILT PLANS
6 - 26 - 91

RMA

ROBT MARASCO &
ASSOCIATES, INC.

MEDICAL ARCHITECTS
DESIGN CONSULTANTS

18 N. SHERRA ROAD
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. 8/2/90

DLM, EAF
GJA

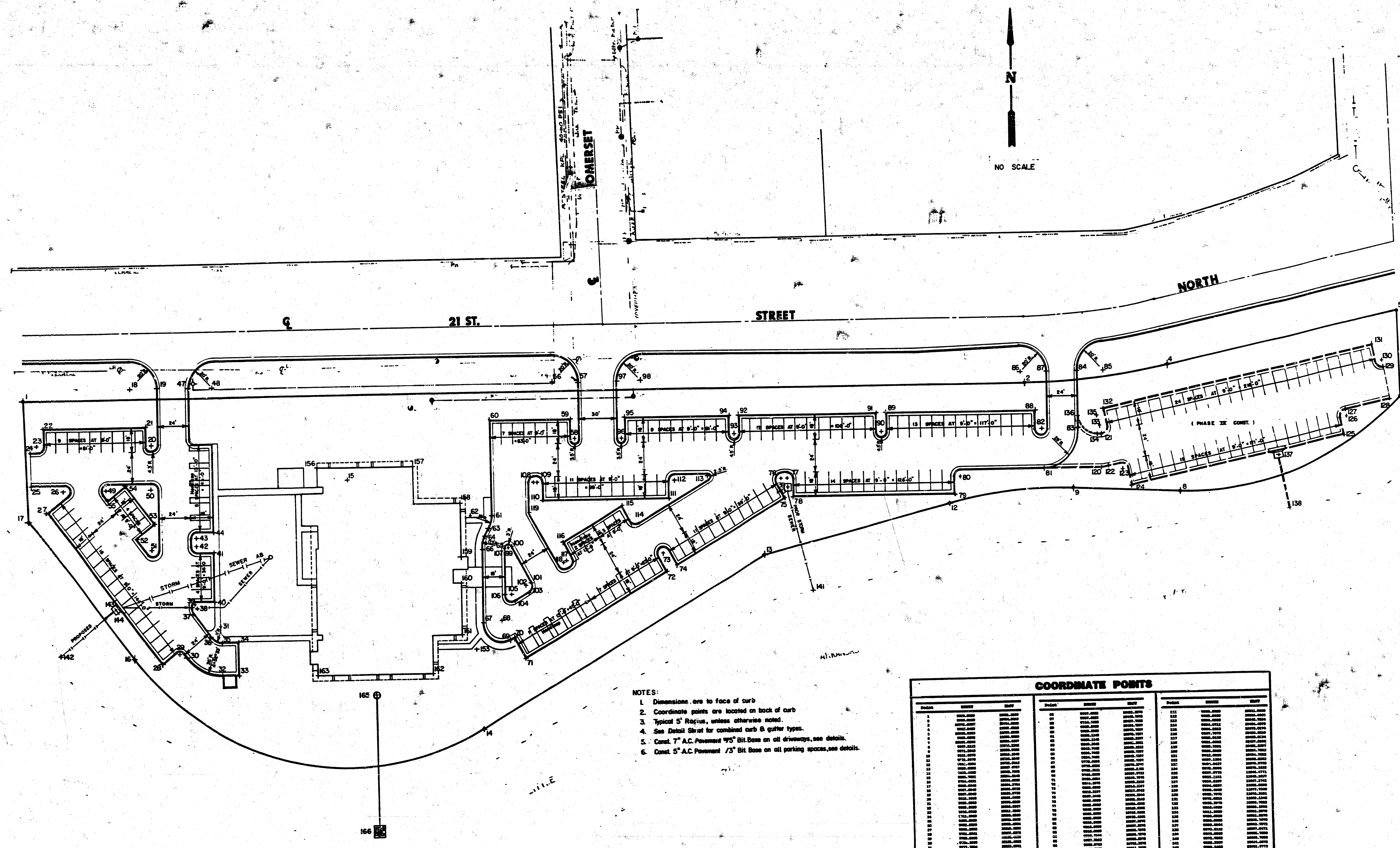
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GRADING PLAN

Sheet Number

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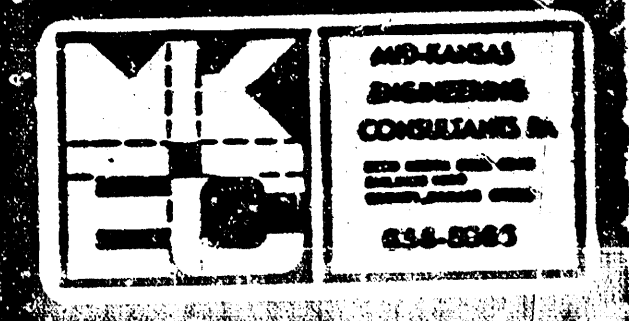


- NOTES:
1. Dimensions are to face of curb
 2. Coordinate points are located on back of curb
 3. Typical 5' Radius, unless otherwise noted.
 4. See Detail Sheet for combined curb & gutter types.
 5. Const. 7" A.C. Pavement / 5" Bit Base on all driveways, see details.
 6. Const. 5" A.C. Pavement / 5"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

COORDINATE POINTS			
Station	Station	Station	Station
1	1	1	1
2	2	2	2
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6	6	6	6
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RMA
 ROST MARASCO &
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 MEDICAL ARCHITECT
 / DESIGN CONSULTANTS

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



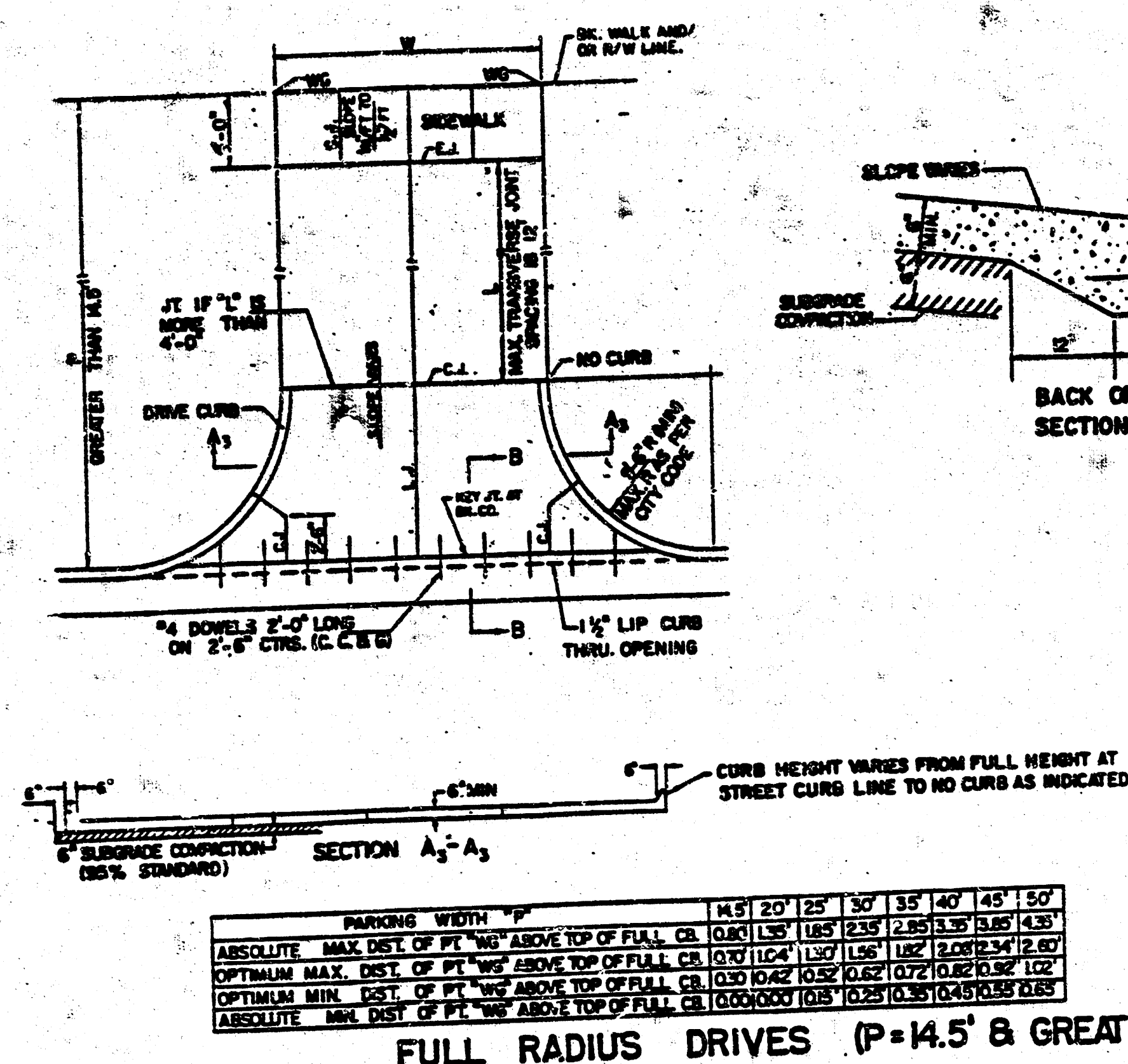
Job Title
 ARTZ, TYRONE D., M.D.

WICHITA, KS

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

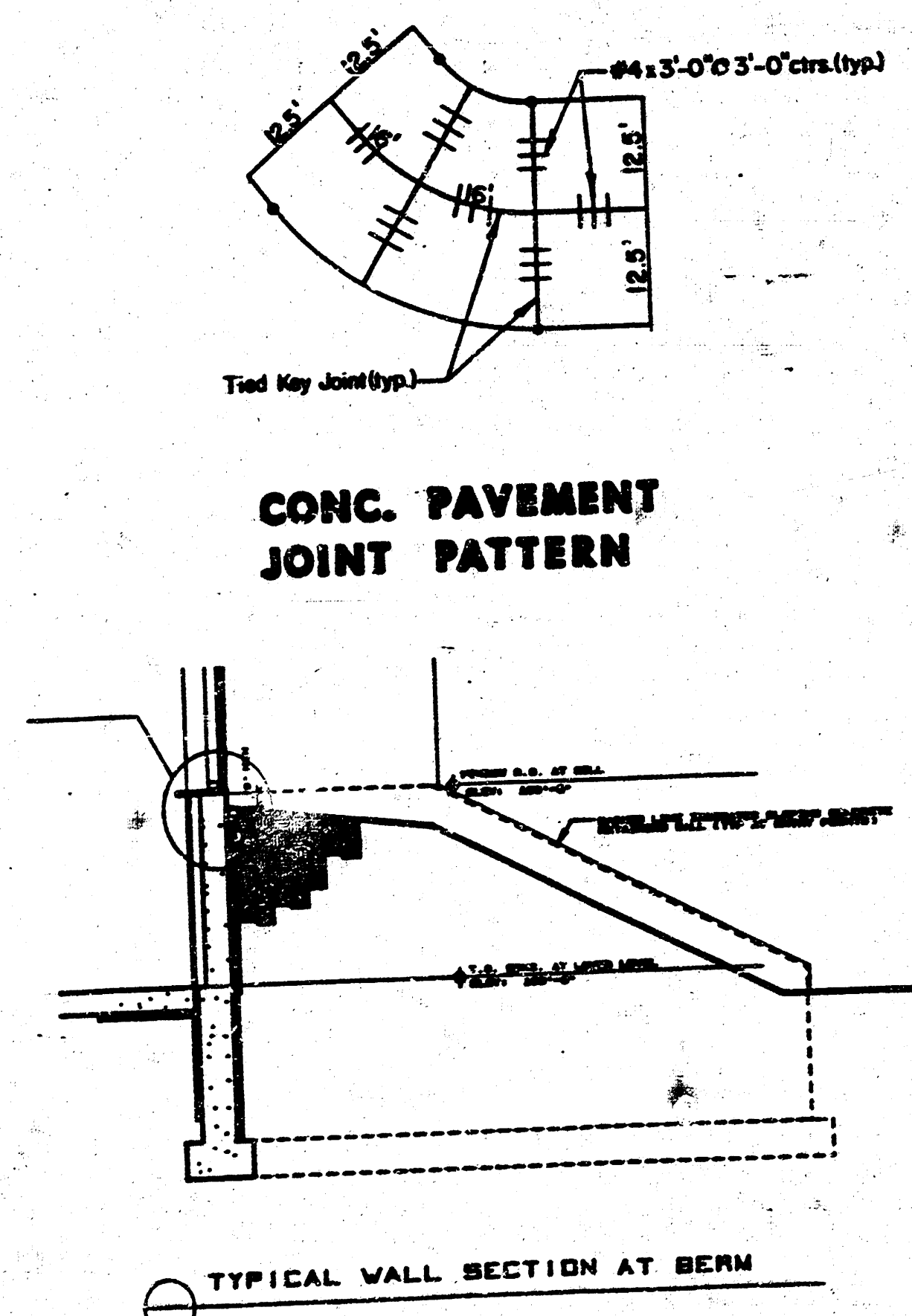
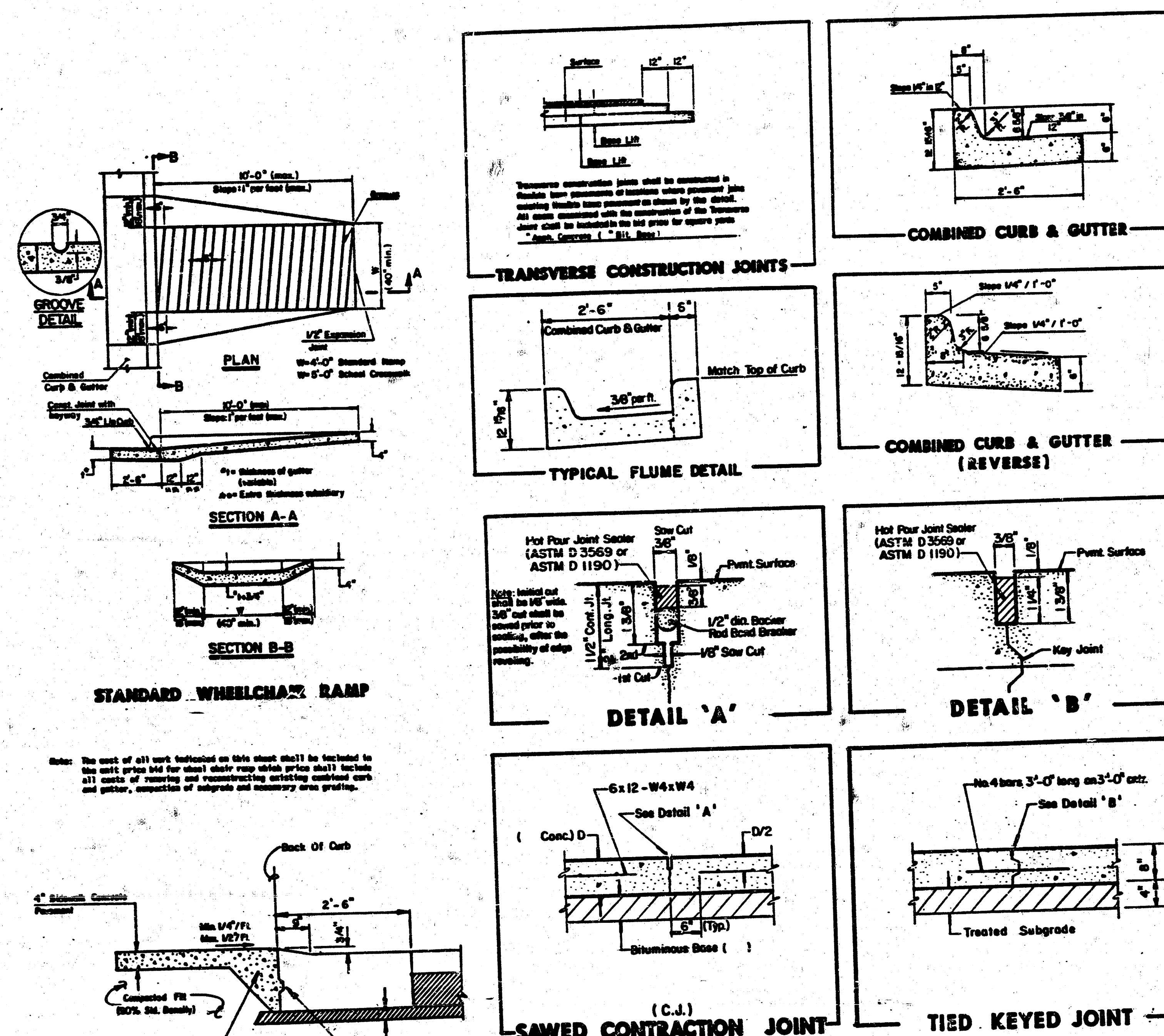
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 COORDINATE POINTS

Sheet Number
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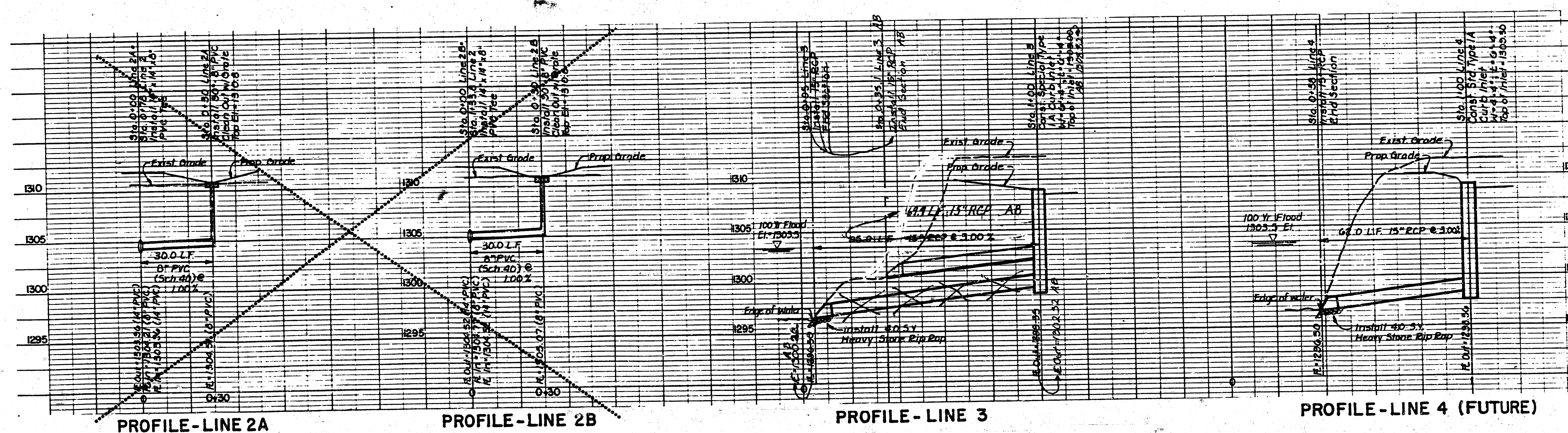
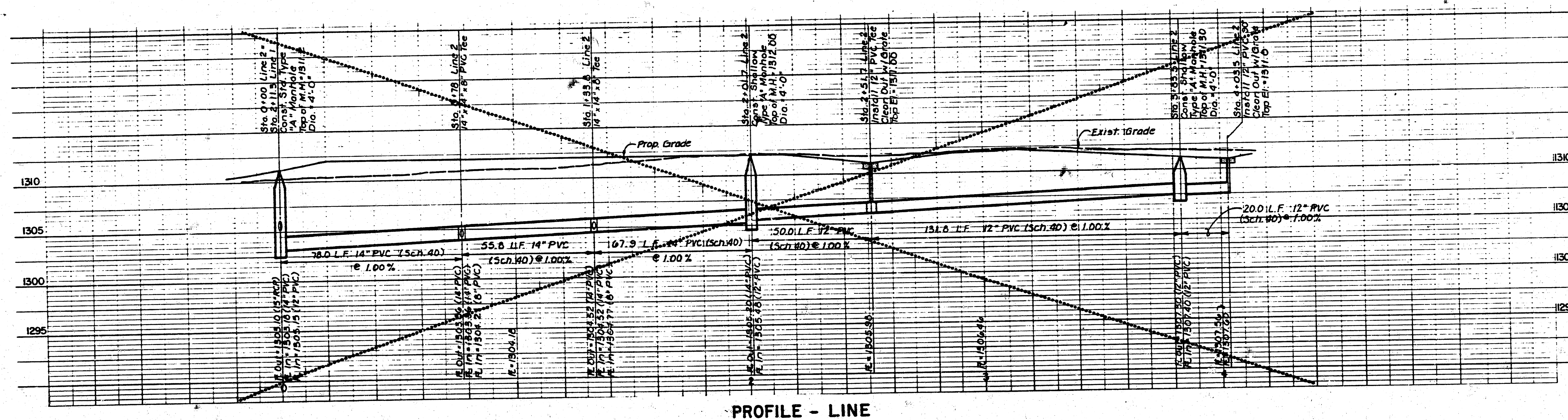
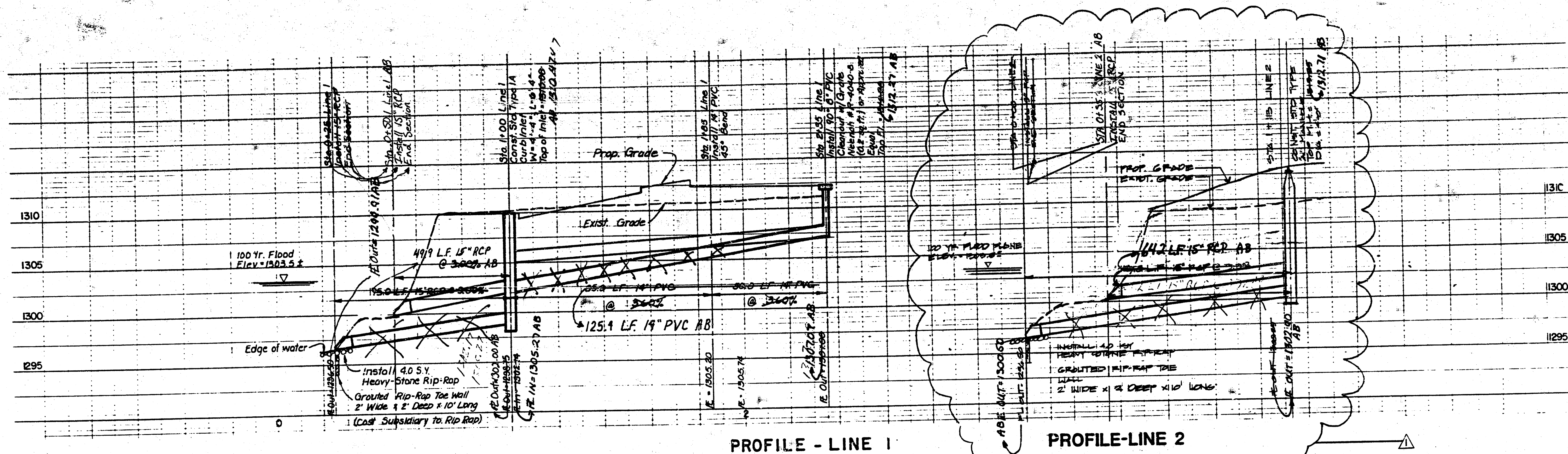
NOTES

1. DRIVEWAY CONSTRUCTION DETAILLED ON THIS SHEET IS TO BE USED WITH FULL HEIGHT STREET CURBS AND IN AREAS WITHOUT FULL CURB CONSTRUCTION IN THE PARKING. SEE THE DETAIL SHEETS FOR DRIVEWAY CONSTRUCTION WITH ROLL CURBS AND/OR FOR FULL LENGTH.
2. EACH LONGITUDINAL JOINT SHALL BE CONSTRUCTED ALONG THE CENTERLINE OF DRIVES HAVING A "W" DIMENSION OF 24" OR LESS. TWO LONGITUDINAL JOINTS SHALL BE CONSTRUCTED WITH 12" SPACING FOR DRIVES WITH A "W" DIMENSION GREATER THAN 24".
3. DRIVEWAY WIDTH DIMENSIONED AS "W" ON THE DETAIL DRAWINGS SHALL BE A MINIMUM OF 10' AND A MAXIMUM OF 30'. THE MAXIMUM OPENING FOR RADIOS TYPE DRIVES WITH CURBS THROUGH THE RADIOS SHALL NOT EXCEED 52" AT THE STREET CURB LINE.
4. CONTRACTION JOINT SPACING IN THE DRIVEWAY SHALL BE A MINIMUM OF 3' AND A MAXIMUM OF 6'. JOINTS SHALL BE SPACED WITHIN THIS RANGE. JOINT SECTION SHALL BE ADJUSTED TO THE SAME THICKNESS AS THE DRIVEWAY.
5. DOMEL BASE SHALL BE OMITTED FROM THE KEYED CONSTRUCTION JOINT ALONG THE BASE OF THE STREET CURB LINE WHEN DRIVEWAYS ARE CONSTRUCTED IN CONJUNCTION WITH A CONCRETE PAVEMENT CONSTRUCTION.
6. ADDITIONAL THICKNESS OF DRIVE AS INDICATED IN THE DRAWINGS WILL NOT BE PAID FOR DIRECTLY AND THIS COST SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE DRIVEWAY CONSTRUCTION.
7. ONE HALF INCH EXPANSION JOINTS SHALL BE INSTALLED WHEREVER DRIVE CONSTRUCTION ADJUTS SIDEWALKS. ONE HALF INCH EXPANSION JOINTS SHALL ALSO BE INSTALLED ALONG THE PROPERTY LINE AND/OR BASE OF WALK LINE WHEN DRIVE CONSTRUCTION ALONG THE LINE ADJUTS CONCRETE PAVING TOOLS OR CONCRETE DRIVEWAY.
8. ALL DRIVEWAYS SHALL BE A MINIMUM OF 6" IN THICKNESS AND SHALL BE WITHOUT REINFORCEMENT. DRIVEWAYS MAY BE CONSTRUCTED THICKER THAN AND THEY MAY BE REINFORCED WITH 6" X 12" #4-16 WELDED IRON FABRIC WHEN PROPERTY AUTHORIZED BY THE PROPERTY OWNER WITH THE ENGINEER'S CONCURRENCE.
9. OPTIMUM DRIVEWAY ELEVATIONS SHOWN IN THE TABLES ARE TO BE USED WHEREVER POSSIBLE. ABSOLUTE MAXIMUM AND MINIMUM ELEVATIONS ARE TO BE USED ONLY WHEN THESE VALUES WILL NOT VIOLATE EXISTING DRAINAGE. EXISTING DRAINAGE ELEVATION OF 0.65' ABOVE THE GUTTER FLOW LINE AND MUST BE MAINTAINED FOR OTHER DRIVEWAY ELEVATIONS SHOWN IN THE TABLES WITH MINUS SIGN INDICATING ELEVATIONS BELOW TOP OF FULL HEIGHT CURB.



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**ROBT MARASCO &
ASSOCIATES, INC.**

**MEDICAL ARCHITECTS
/DESIGN CONSULTANTS**

18 N. SIERRA MADRE
COLORADO SPRINGS
COLORADO. 80803

(712) 635-0984



Job Title

ARTZ, TYRONE D., M.D.

WICHITA, KS

89-716

720.90

 $\Delta 11/3$

UPR

GJA

Sheet Title

STORM SEWER

PROFILE

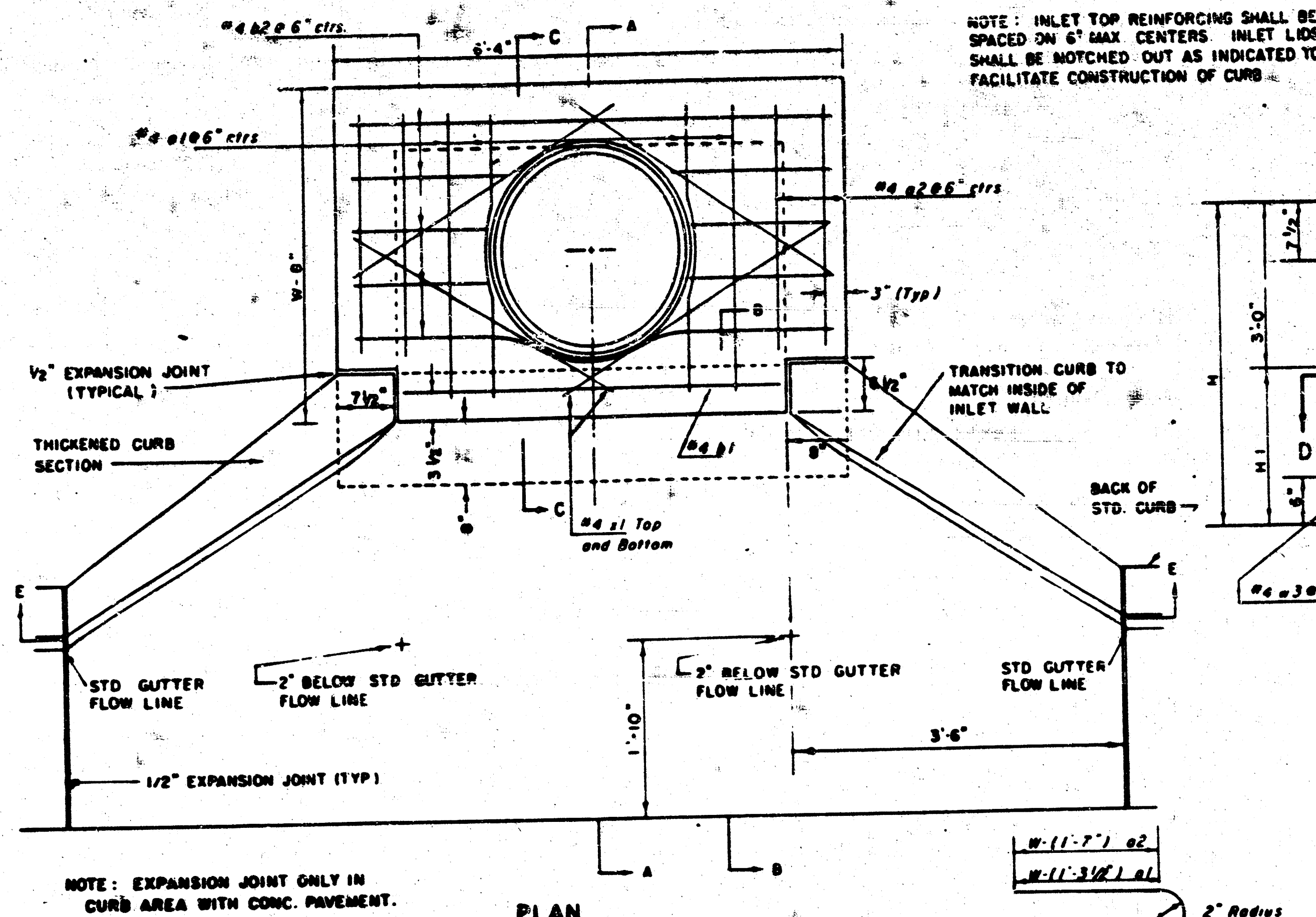
LINE 1,2,2A,2B,
3 & 4(Future)

Sheet Number

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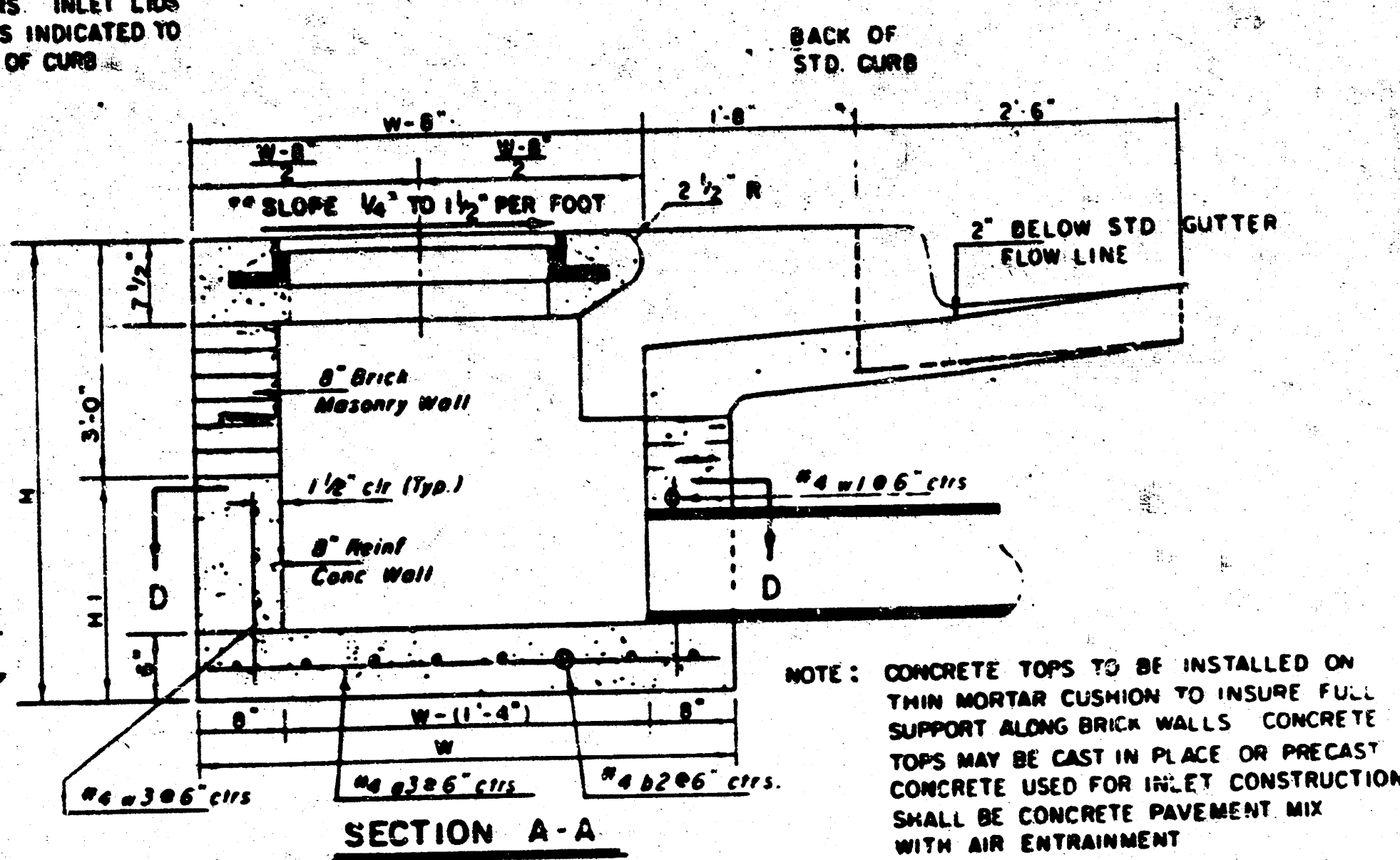
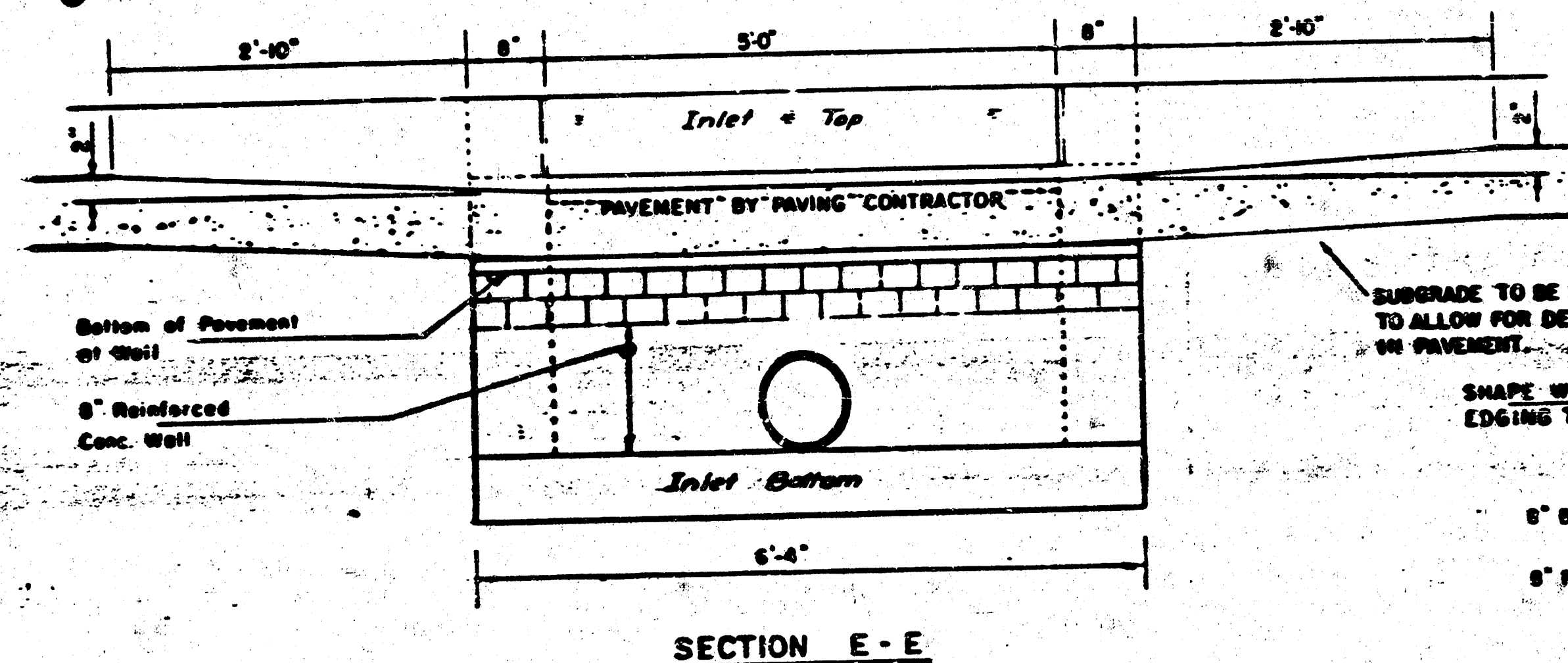
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PRECAST SLAB AND FLOOR REINFORCING									
Mark	Size	No.	Length	No.	Length	No.	Length	No.	Length
101	6"	6	6'-0"	6	6'-0"	6	10'-0"	6	12'-0"
102	6"	6	6'-0"	6	6'-0"	6	10'-0"	6	12'-0"
103	6"	13	4'-1"	13	5'-1"	13	6'-1"	13	7'-1"
104	6"	1	4'-9"	1	4'-9"	1	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 (11'-12") : (11'-12") Round down to nearest 0.5"
 ② 11'-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.

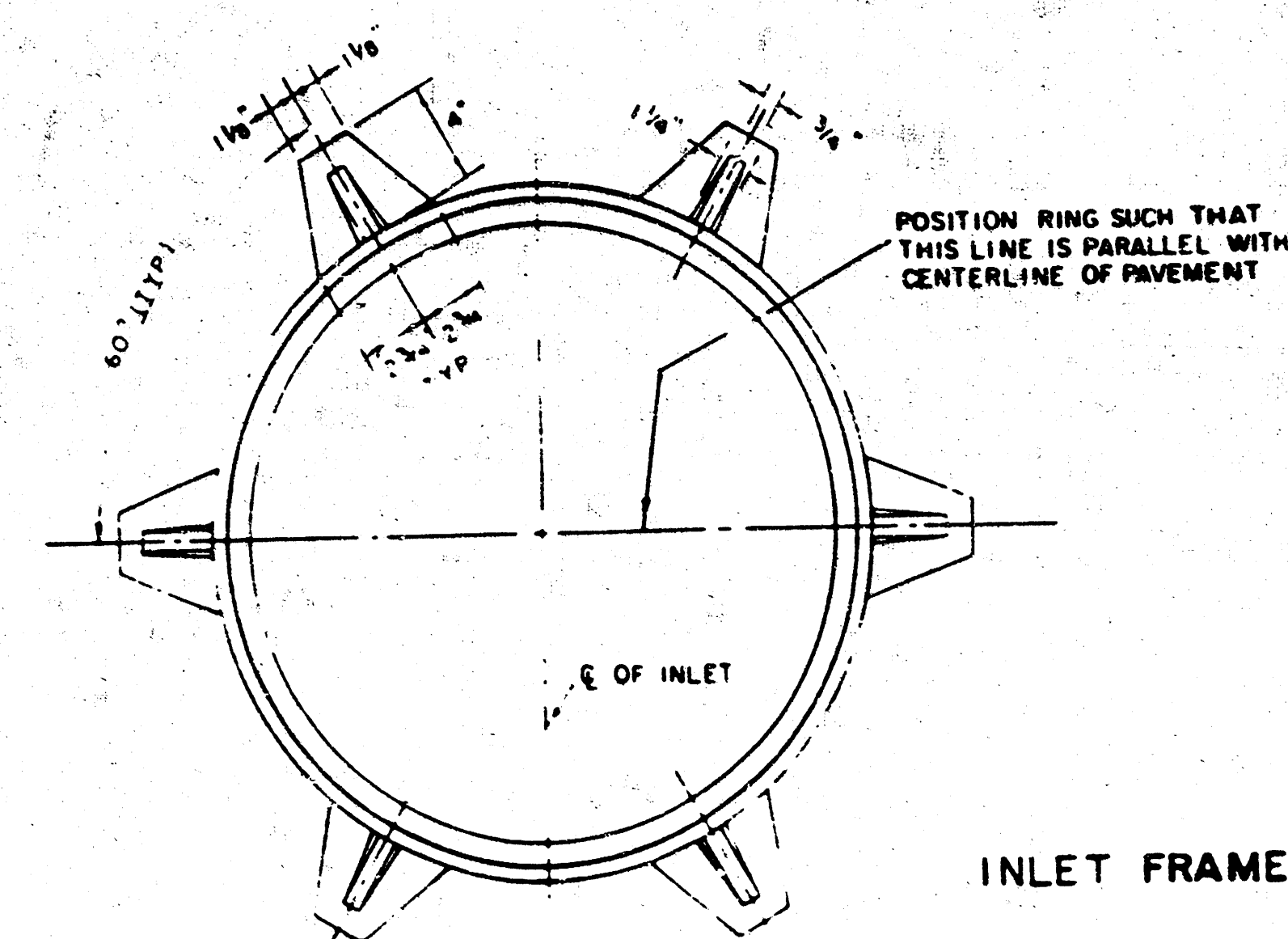
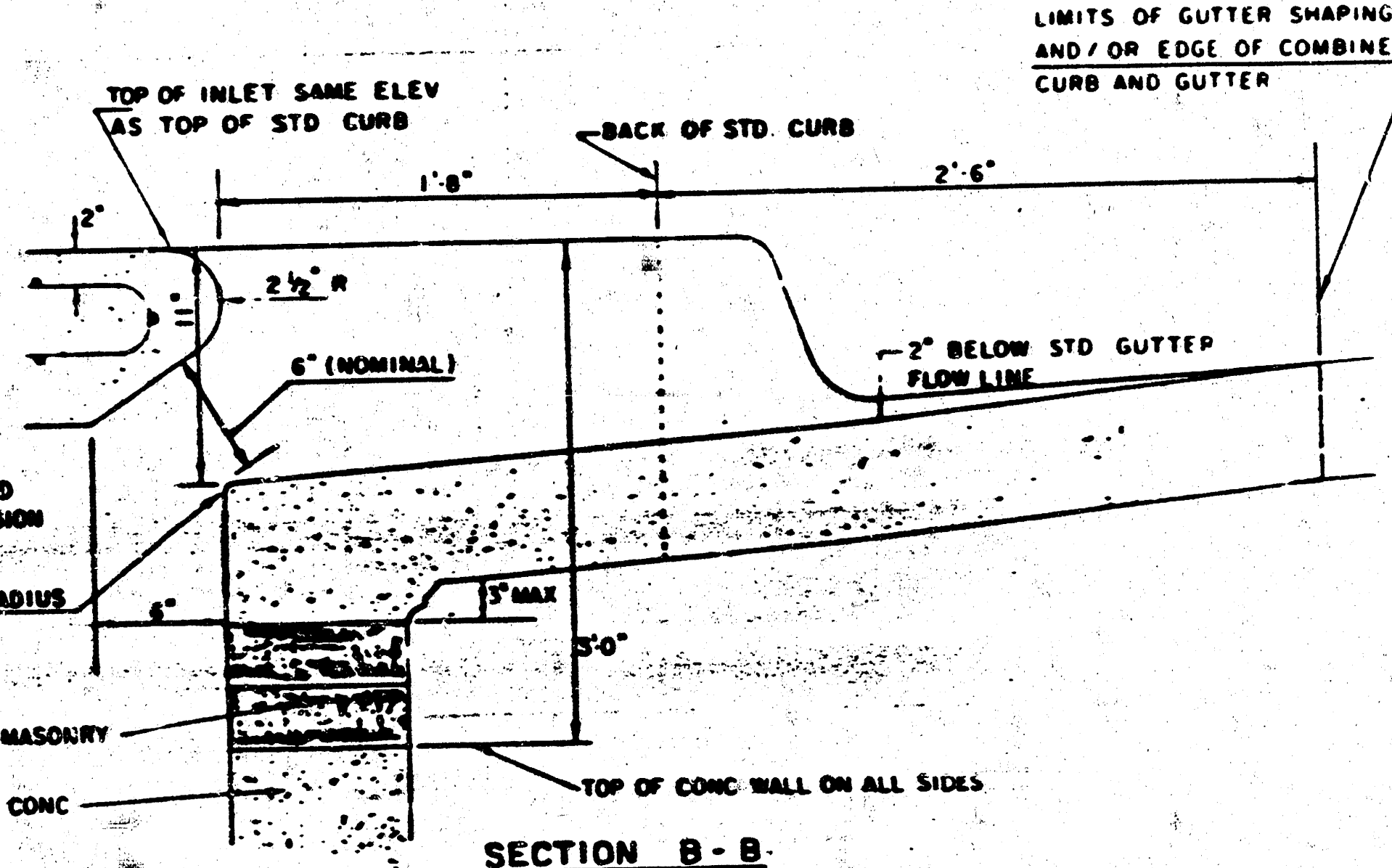
ADDITIONAL CURB AND GUTTER CONSTRUCTION NECESSARY TO CONNECT SET-BACK INLET TO PAVEMENT WILL BE PAID FOR AT THE UNIT PRICE BID FOR EACH INLET HURDUP.

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.

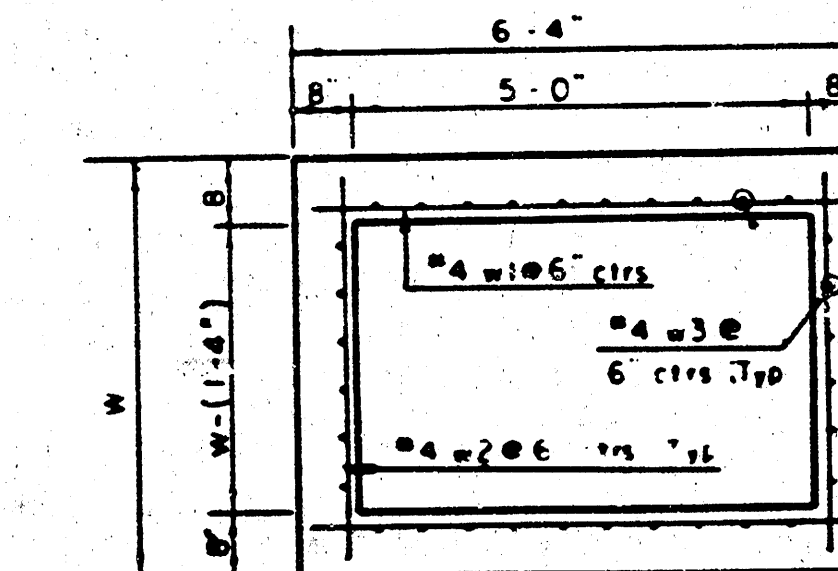
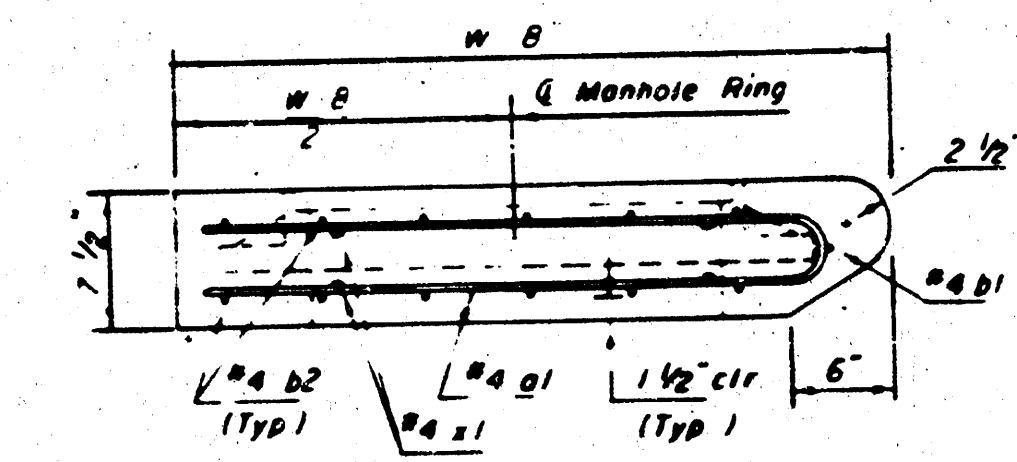
THE ENDS OF ALL PIPES INSTALLED IN INLETS SHALL BE CUT OFF FLUSH WITH THE INSIDE FACE OF THE INLET WALL.

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

STANDARD CURB INLET PRECAST TOPS			
W	PRE-CAST TOP SIZE	PIPE SIZE	CU TO CONC.
4'-0"	18" x 24" x 1 1/2"	24" x 30"	0.38 ±
5'-0"	18" x 24" x 1 1/2"	24" x 30"	0.51 ±
6'-0"	18" x 24" x 1 1/2"	30" x 42"	0.64 ±
7'-0"	18" x 24" x 1 1/2"	30" x 42"	0.77 ±
8'-0"	18" x 24" x 1 1/2"	30" x 42"	0.90 ±



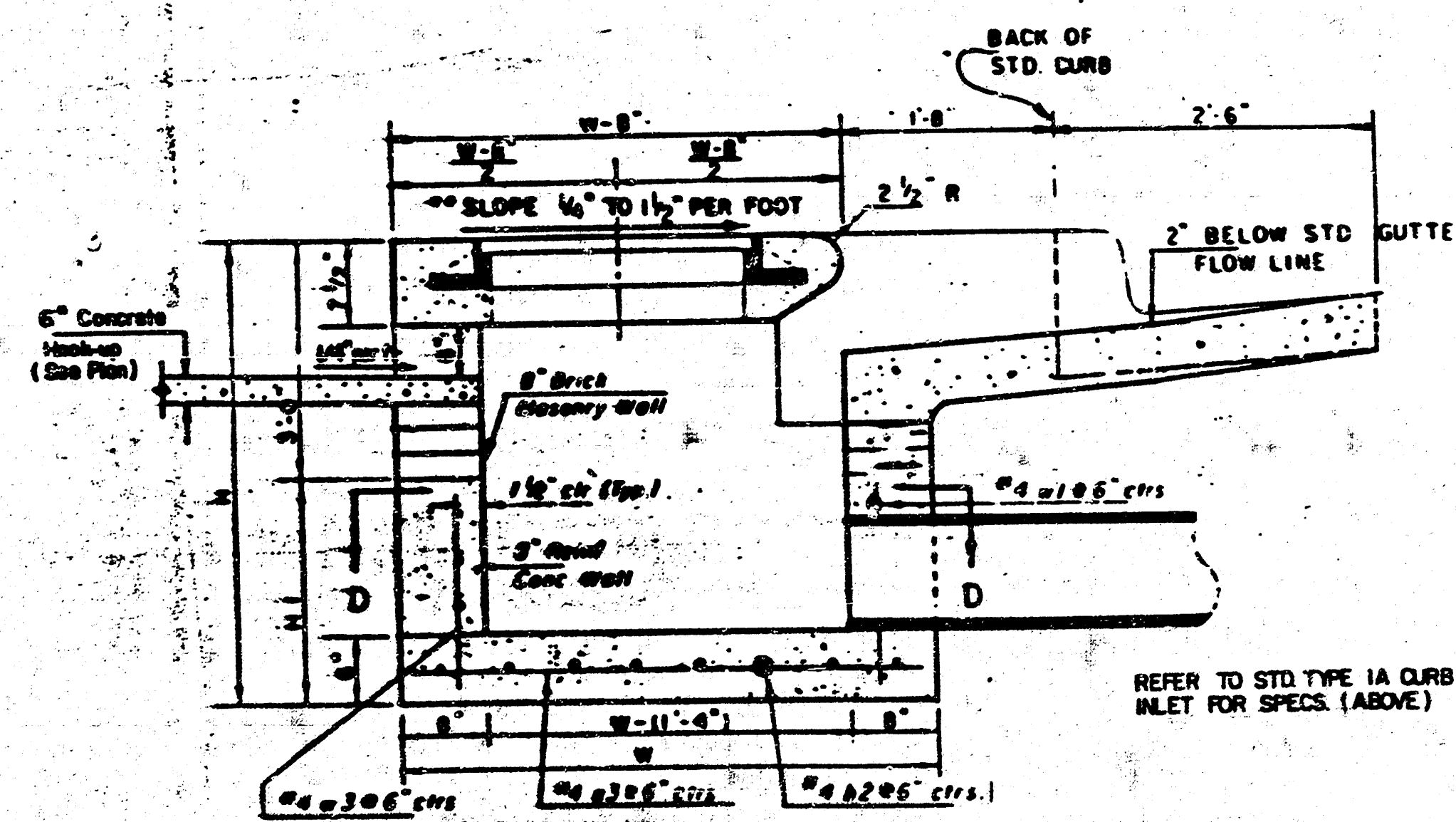
SEE CITY OF WICHITA STANDARD MANHOLE FRAME AND COVER DETAIL SHEET FOR COVER DETAILS TO BE USED WITH INLET FRAME



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"

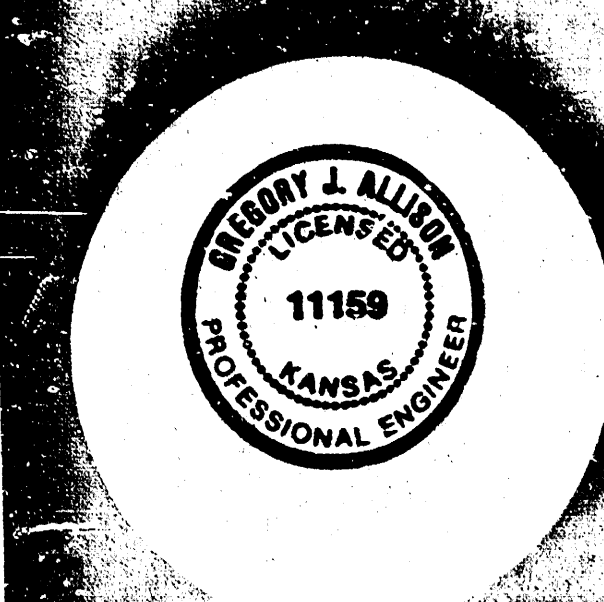
RMA

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 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

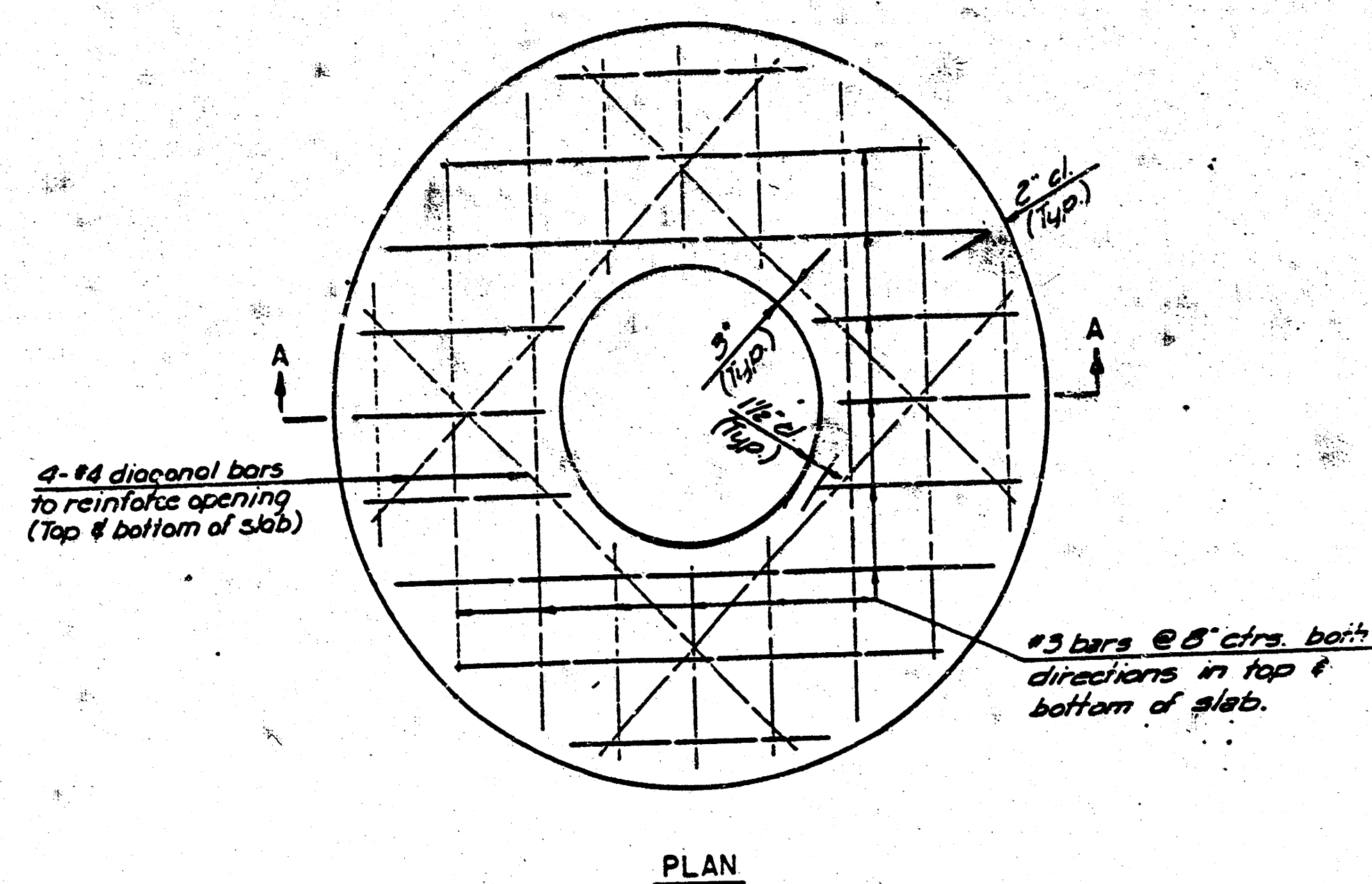
Sheet Title

STORM SEWER DETAILS

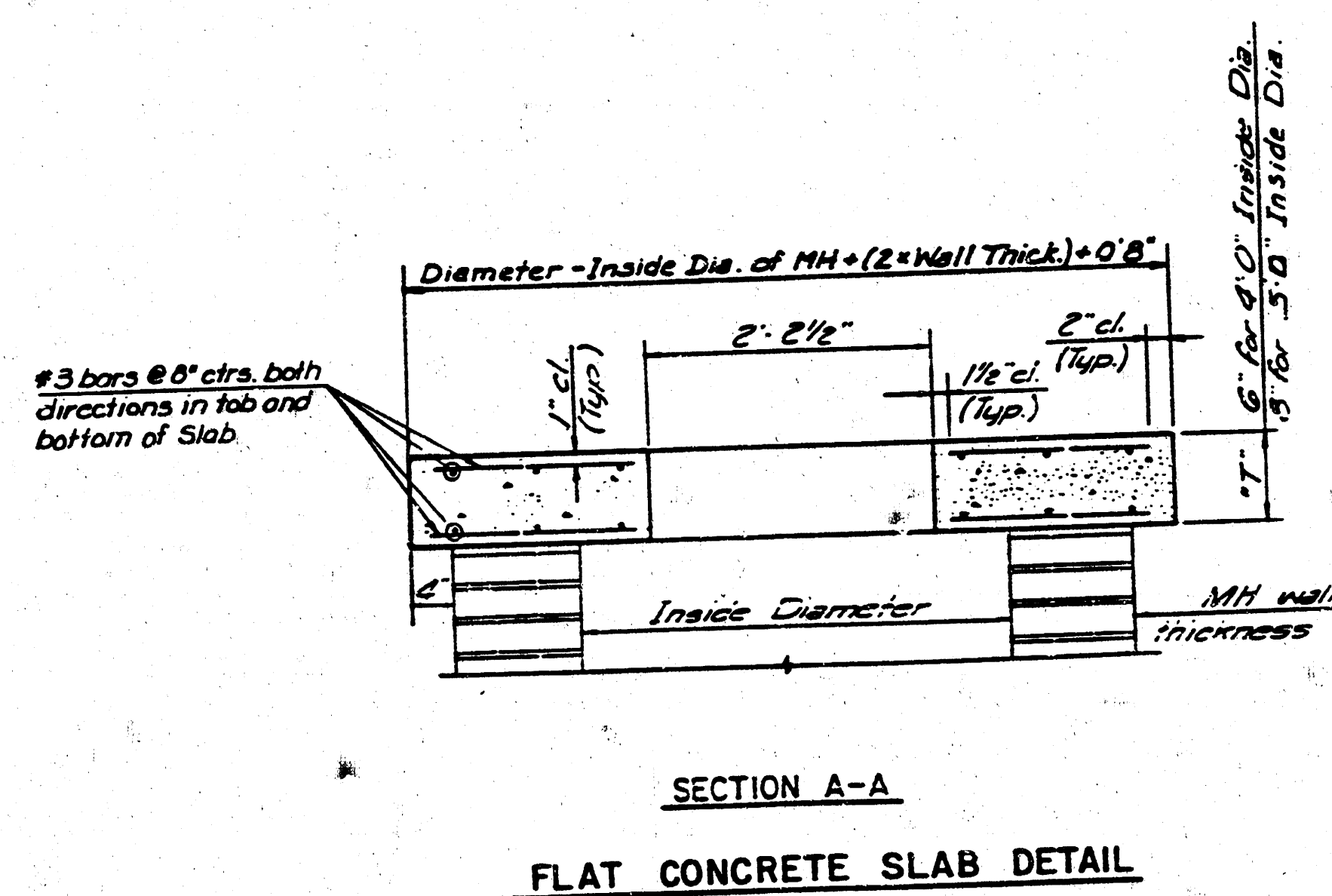
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PLAN



MASONRY COLLAR DETAIL

FLAT CONCRETE SLAB DETAIL

GENERAL NOTES

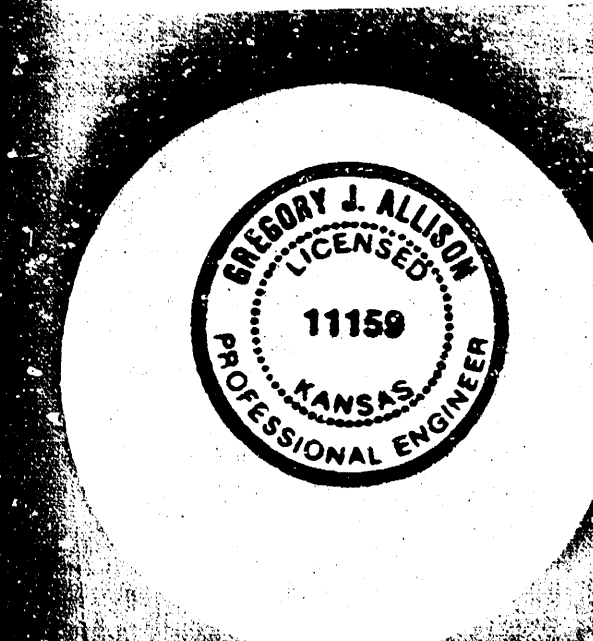
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**ROBT MARASCO &
ASSOCIATES, INC.**

**MEDICAL ARCHITECTS
/DESIGN CONSULTANTS**

18 N. SIERRA MADRE
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COLORADO. 80903

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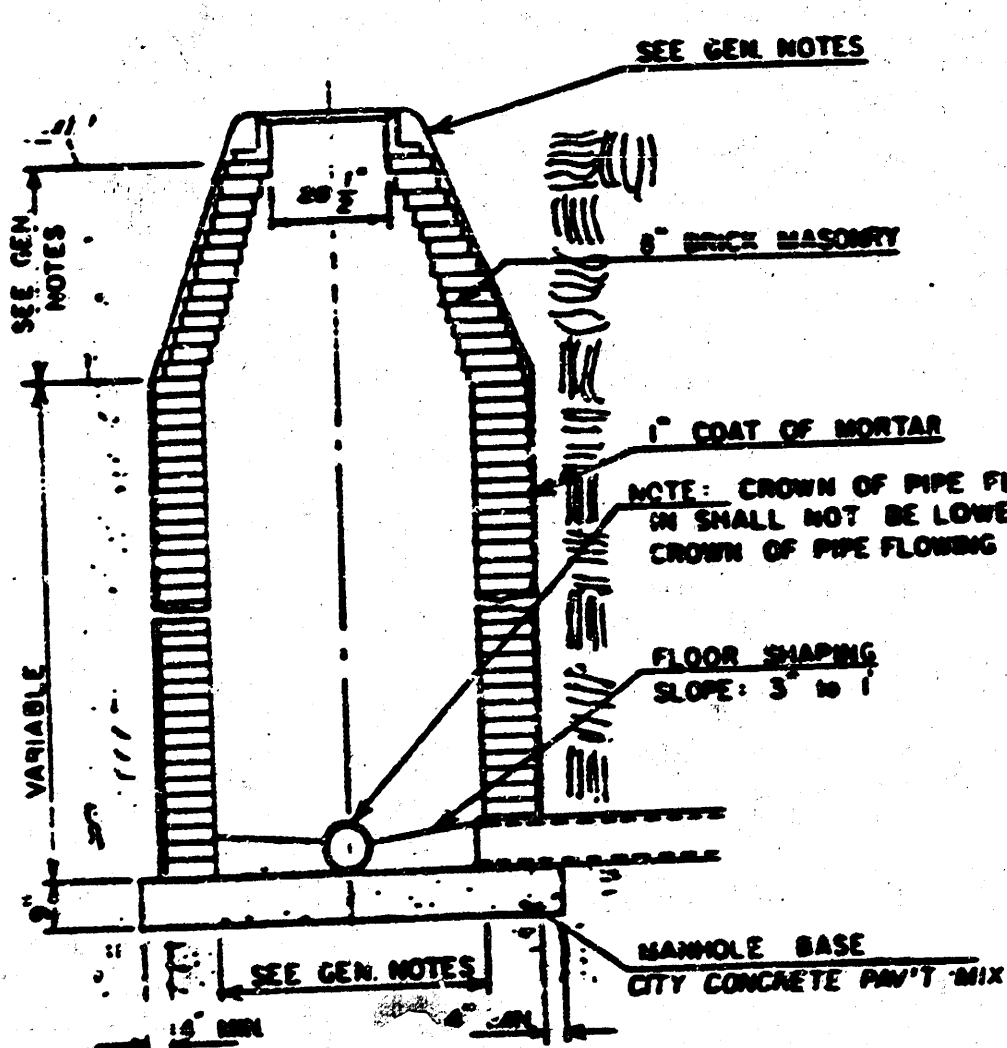
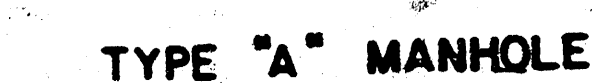


Job Title
ARTZ, TYRONE D., M.D.

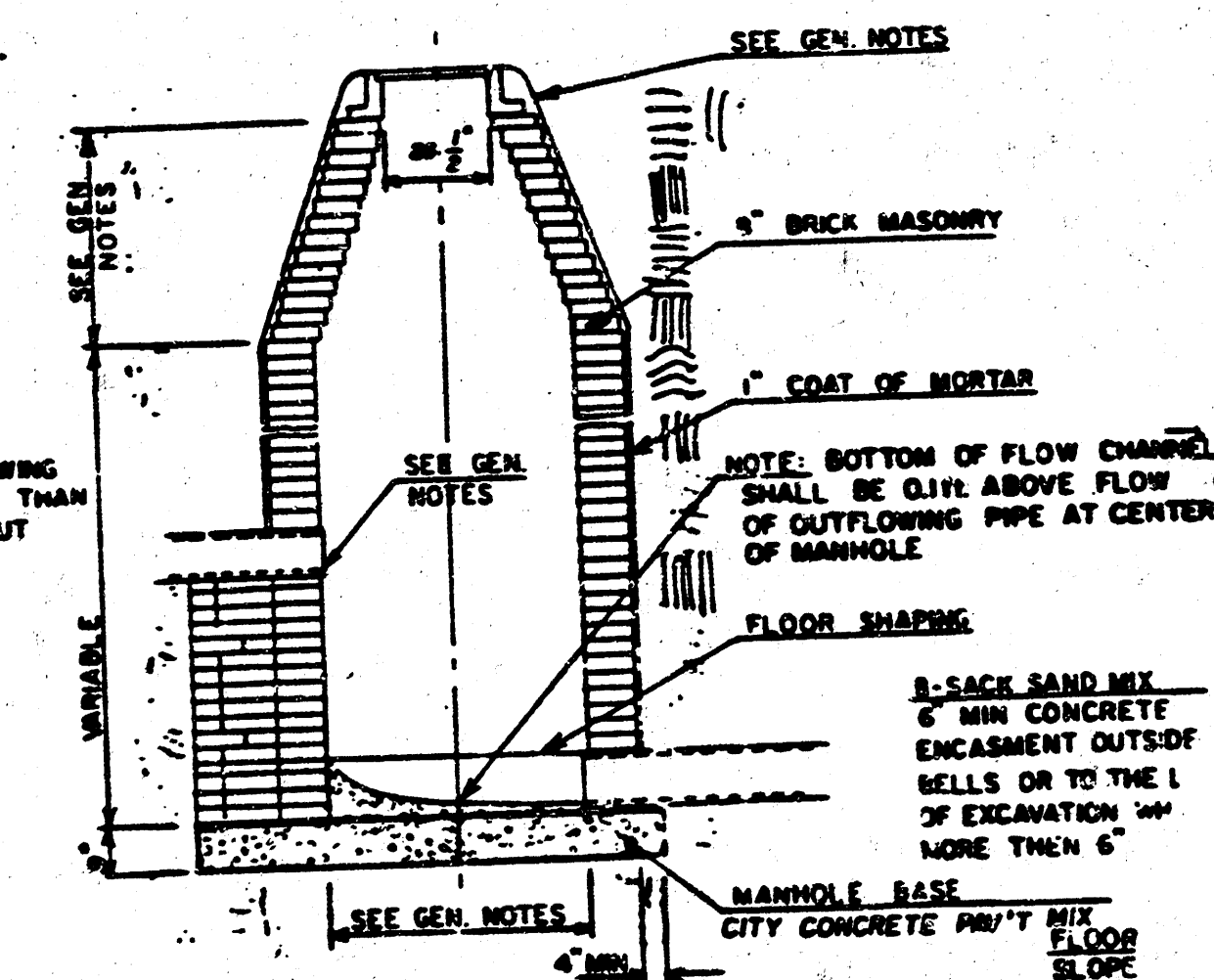
DETAIL SHALLOW TYPE "A" MANHOLE

CITY OF WICHITA, KANSAS

WICHITA, KS

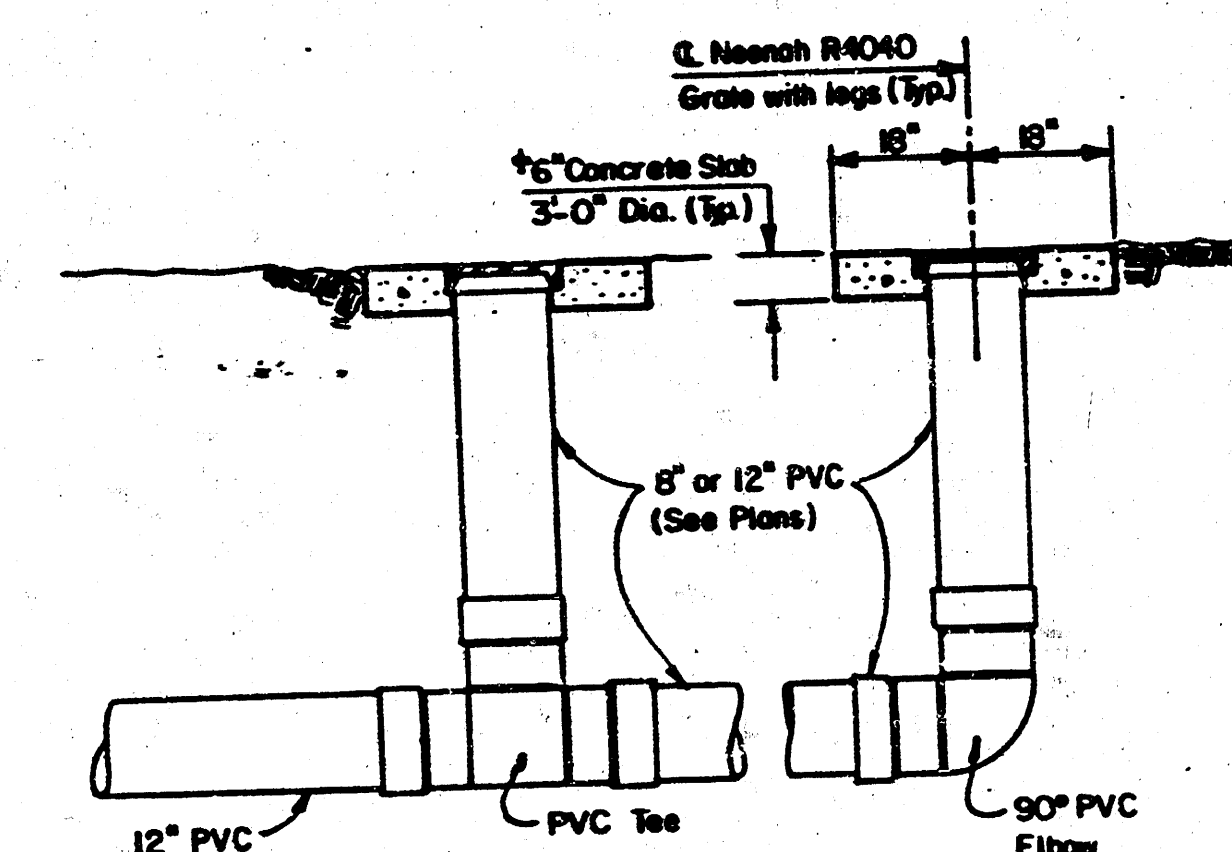


TYPE "A" INSIDE DROP MANHOLE



GENERAL NOTES

- [illegible]



TYPICAL CLEAN OUT DETAIL

†Construct concrete slab to allow seat for grate

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

Sheet Title

STORM SEWER DETAILS

Sheet Number

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