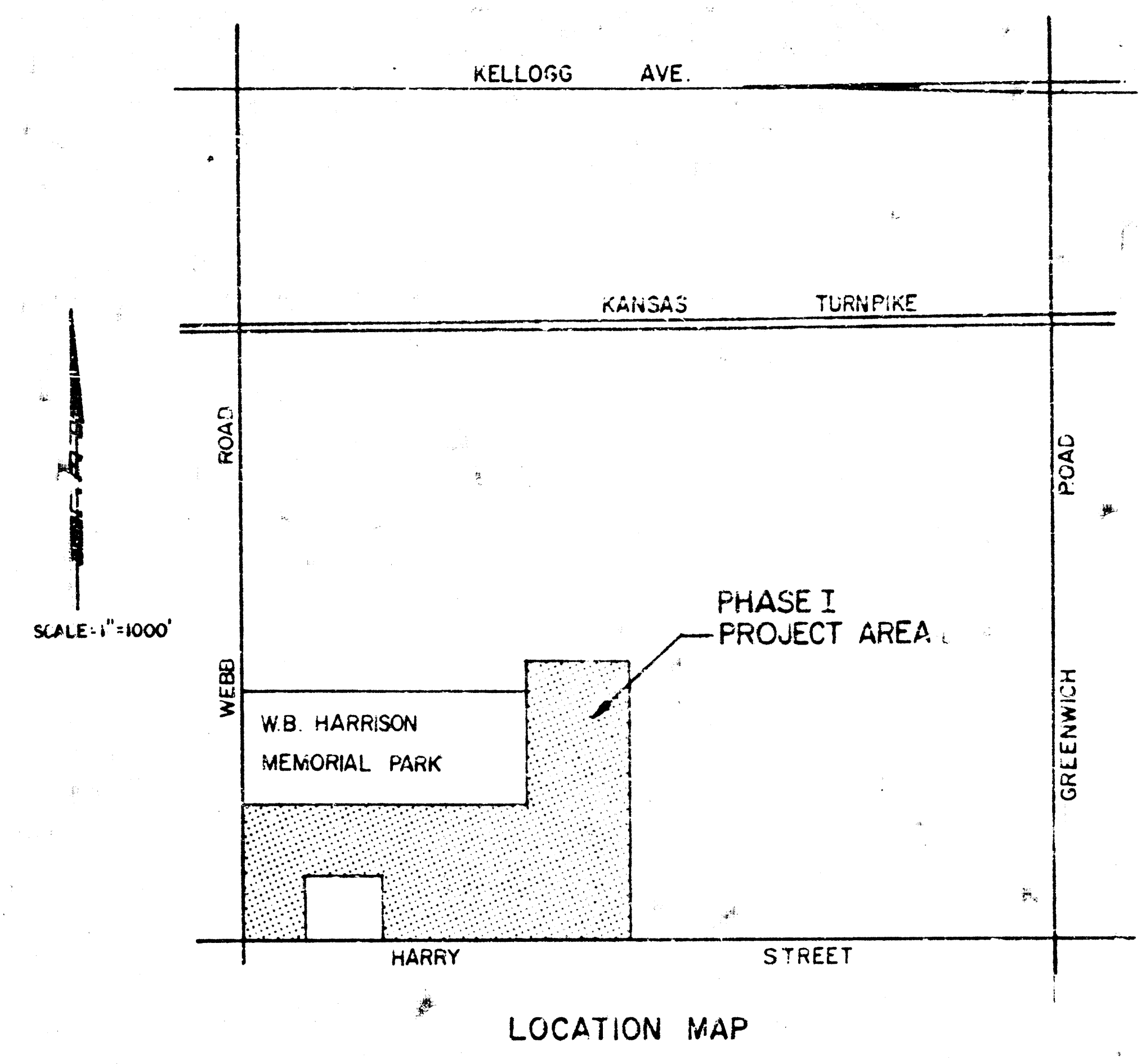
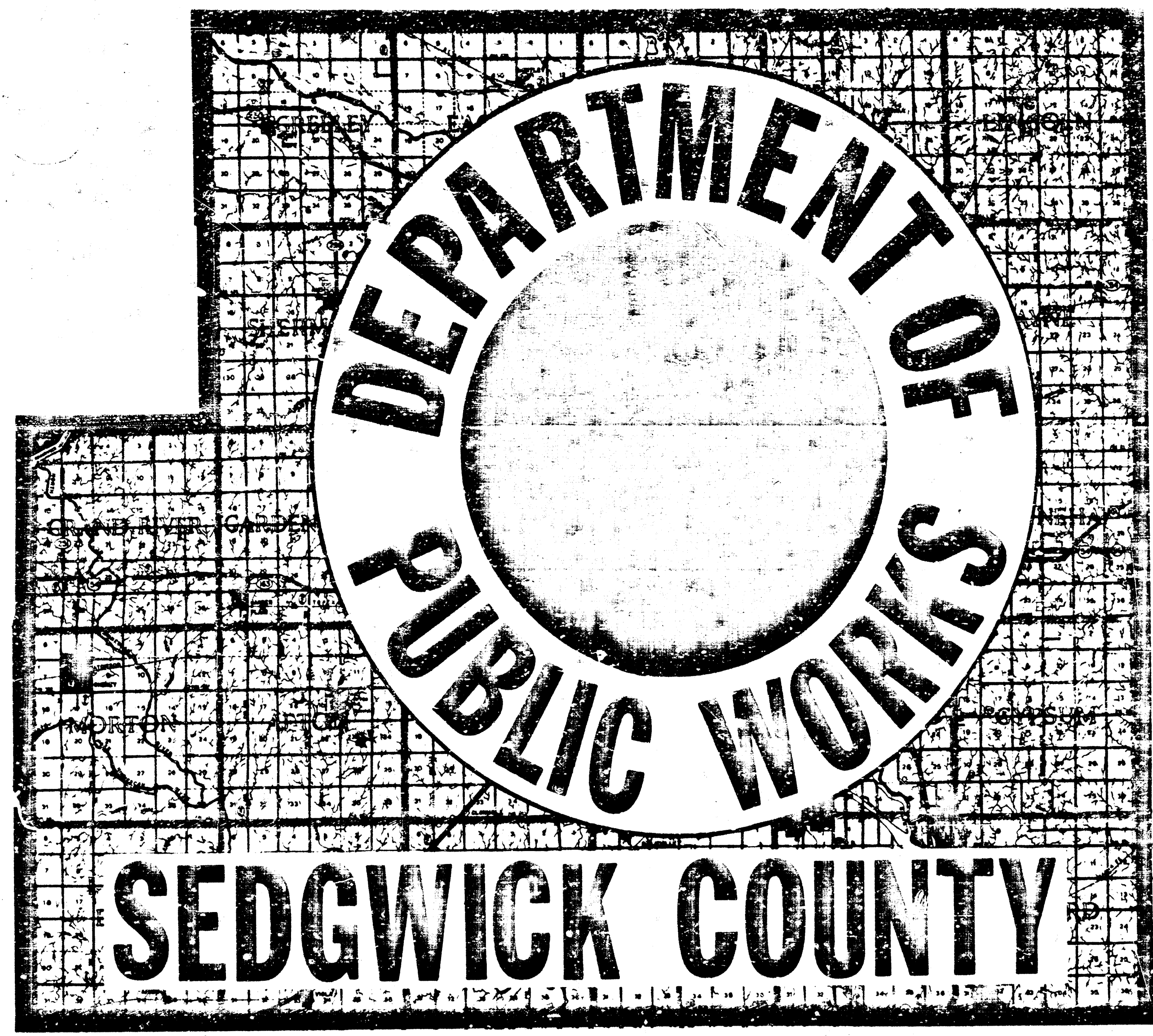


STATE	PROJECT NO.	FISCAL YEAR	DATE
KANSAS			

INDEX OF SHEETS

SHEET NO. 1	TITLE SHEET
SHEET NO. 2	KEY MAP & SCHEDULE
SHEET NOS 3&4	SANITARY SEWER DETAILS
SHEET NOS 5-9	PLAN PROFILES



CONSTRUCTION PLANS FOR SANITARY SEWER IMPROVEMENTS IN PARK MEADOW ESTATES LATERAL SEWER DISTRICT SEDGWICK COUNTY, KANSAS

APRIL 1977

PHASE I

**PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEERS
WICHITA, KANSAS**

CONVENTIONAL SIGNS

WIRE FENCE	— x — x — x —
HEDGE ROW	~~~~~
RAILROADS	— + — + — + — + —
SURVEY LINE	— 10 — 100 —
RIGHT OF WAY	— — — — —
TELEPHONE POLE	•
POWER POLE	⊥
COMB. POWER & TELEPHONE	⊥
TOWNSHIP LINE	//////
CONSTRUCTION LIMITS	- - - - -
GUARD FENCE	— • — • — • — • —
TREES	⊙ ⊙

APPROVED

CITY OF WICHITA

DATE

FILED

FILED IN THE OFFICE OF
THE SEDGWICK COUNTY CLERK

COUNTY CLERK DATE

APPROVED

COUNTY ENGINEER/DIRECTOR OF PUBLIC WORKS

DATE

APPROVED DATE

WICHITA SEDGWICK COUNTY
DEPARTMENT OF COMMUNITY HEALTH

APPROVED DATE

CHAIRMAN
BOARD OF COUNTY COMMISSIONERS

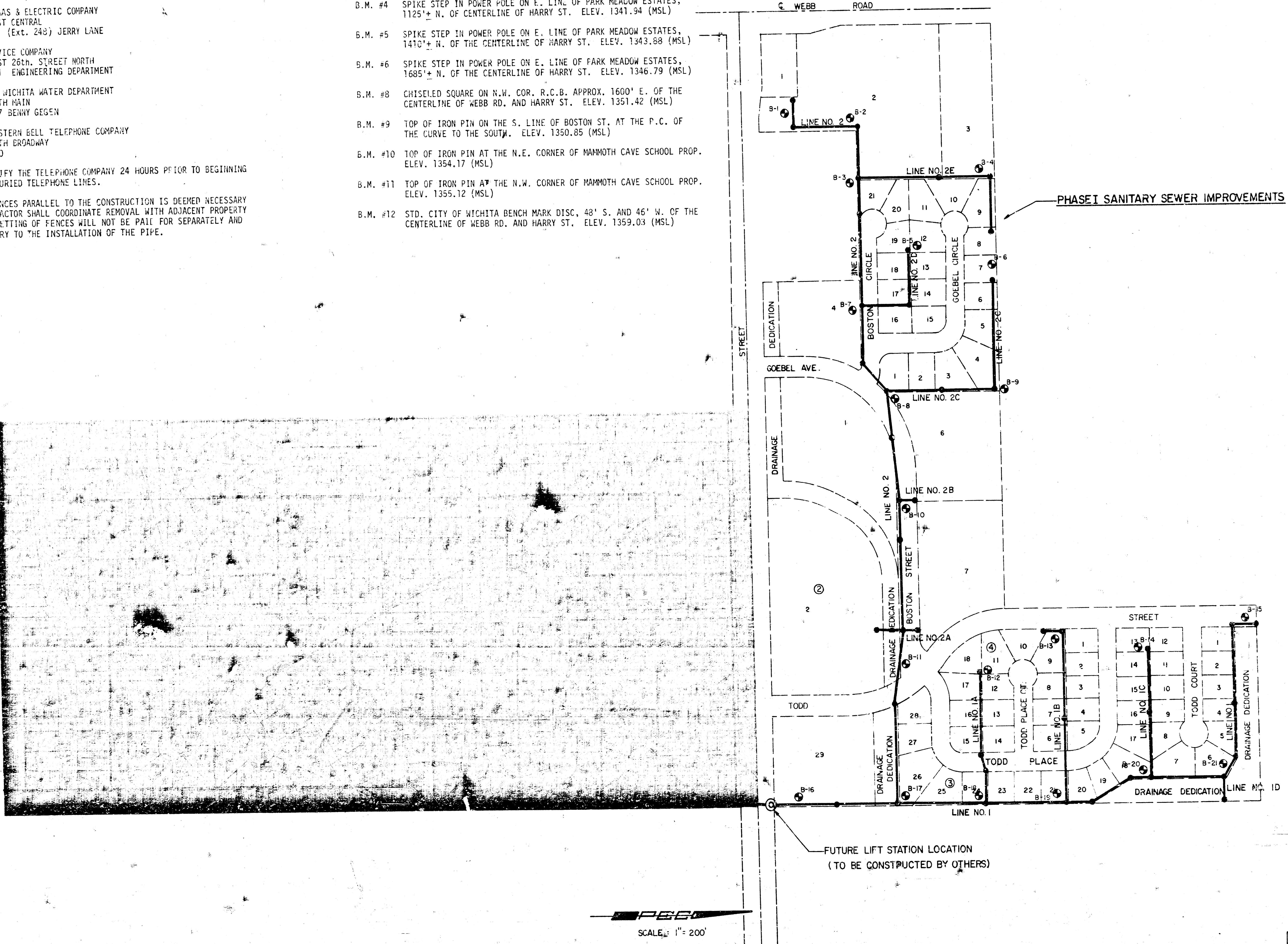
GENERAL NOTES

1. THE CONTRACTOR SHALL CONTAIN HIS OPERATIONS TO PERMIT TRAFFIC THROUGH AND ACROSS CONSTRUCTION ON HARRY STREET AT ALL TIMES. THE CONTRACTOR SHALL ERECT WARNING SIGNS, FLASHING LIGHTS, AND BARRICADES TO ENSURE SAFETY AS DIRECTED IN ARTICLE 18 OF THE GENERAL CONDITIONS. THE CONTRACTOR SHALL LIMIT THE EXTENT OF TRENCH TO REMAIN OPEN OVERNIGHTS AND WEEKENDS TO LESS THAN 50 FEET.
2. THE CONTRACTOR WILL BE REQUIRED TO NOTIFY EACH OF THE FOLLOWING UTILITY COMPANIES PRIOR TO THE BEGINNING OF CONSTRUCTION AND SHOULD REQUEST THAT ANY EXISTING LINES BE FLAGGED:
- KANSAS GAS & ELECTRIC COMPANY
1900 EAST CENTRAL
264-1111 (Ext. 248) JERRY LANE
- GAS SERVICE COMPANY
1021 EAST 26th STREET NORTH
263-7511 ENGINEERING DEPARTMENT
- CITY OF WICHITA WATER DEPARTMENT
455 NORTH MAIN
268-4557 BENNY GEGEN
- SOUTHWESTERN BELL TELEPHONE COMPANY
154 NORTH BROADWAY
262-5500
3. THE CONTRACTOR MUST ALSO NOTIFY THE TELEPHONE COMPANY 24 HOURS PRIOR TO BEGINNING ANY CONSTRUCTION WORK NEAR BURIED TELEPHONE LINES.
4. WHERE REMOVAL OF EXISTING FENCES PARALLEL TO THE CONSTRUCTION IS DEEMED NECESSARY BY THE CONTRACTOR, THE CONTRACTOR SHALL COORDINATE REMOVAL WITH ADJACENT PROPERTY OWNERS. ALL REMOVAL AND RESETTling OF FENCES WILL NOT BE PAID FOR SEPARATELY AND SHALL BE CONSIDERED SUBSIDIARY TO THE INSTALLATION OF THE PIPE.

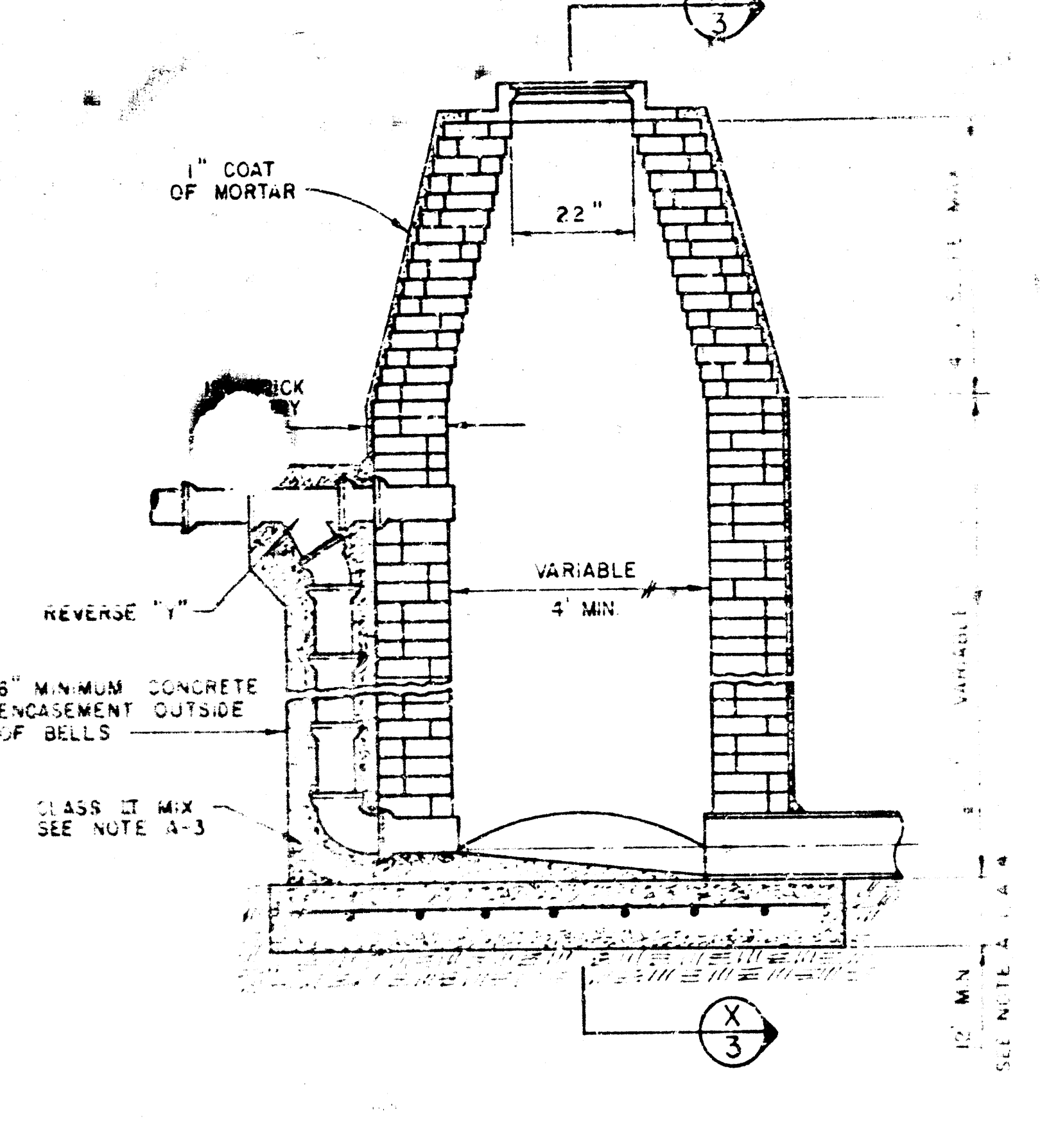
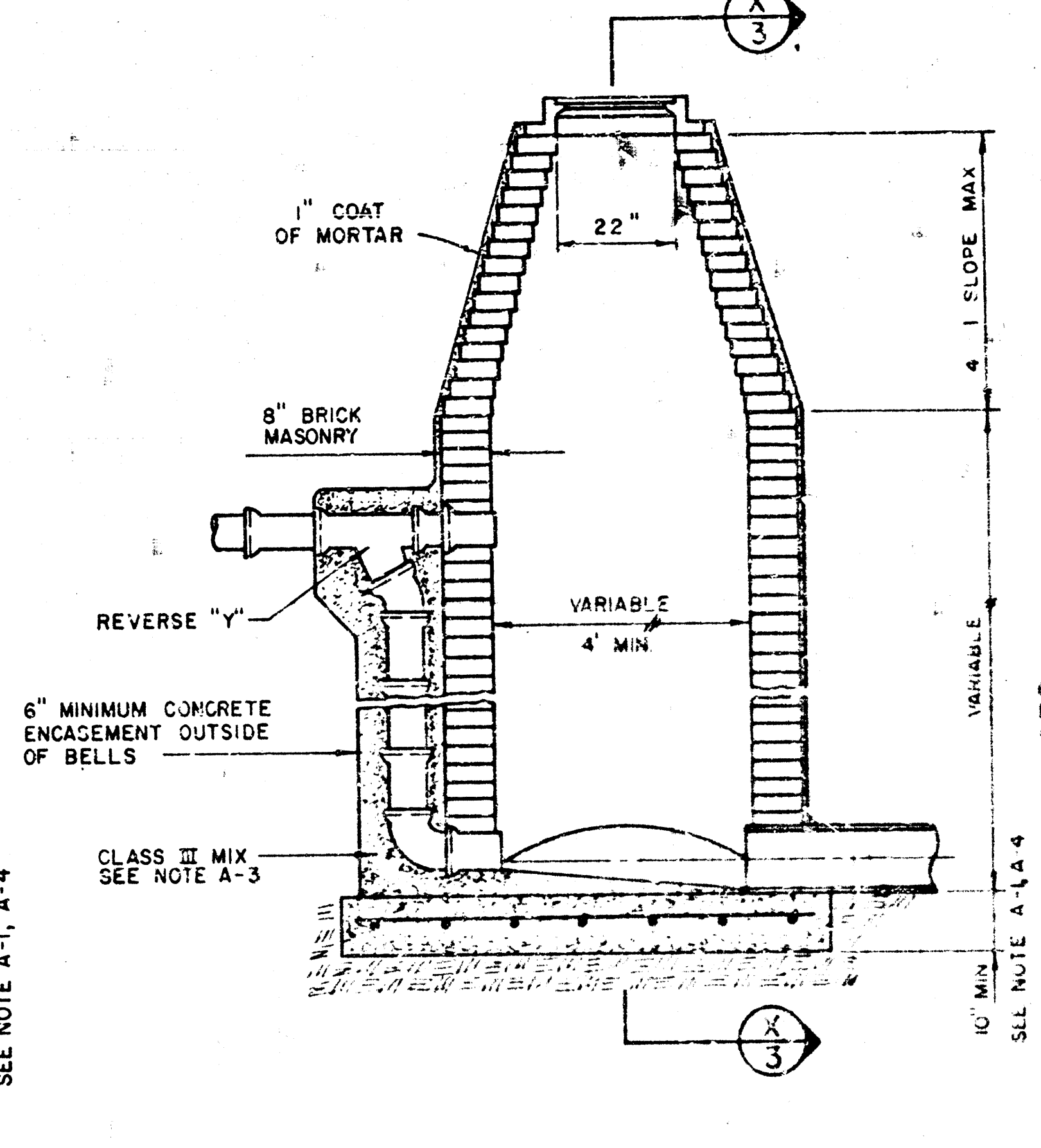
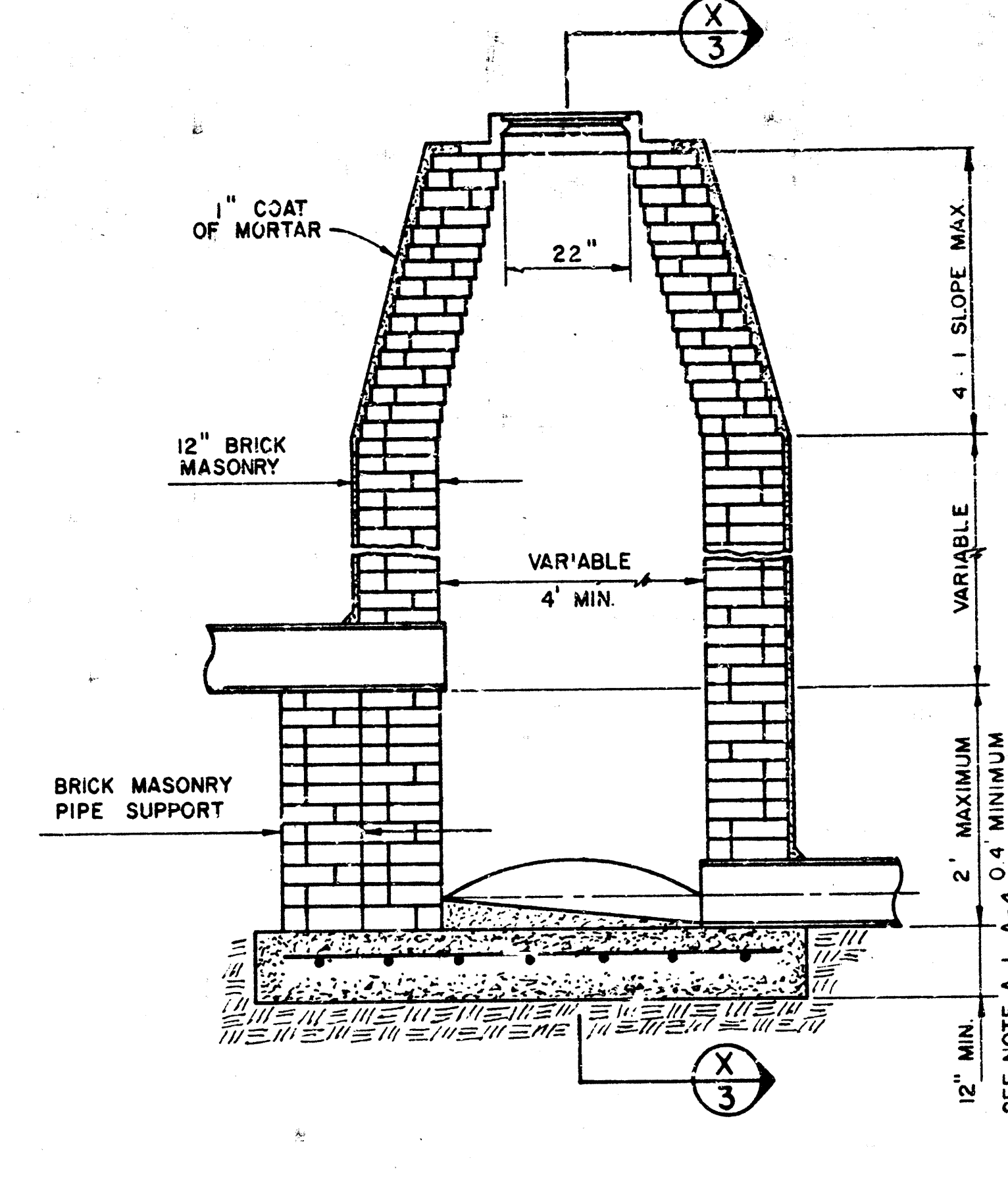
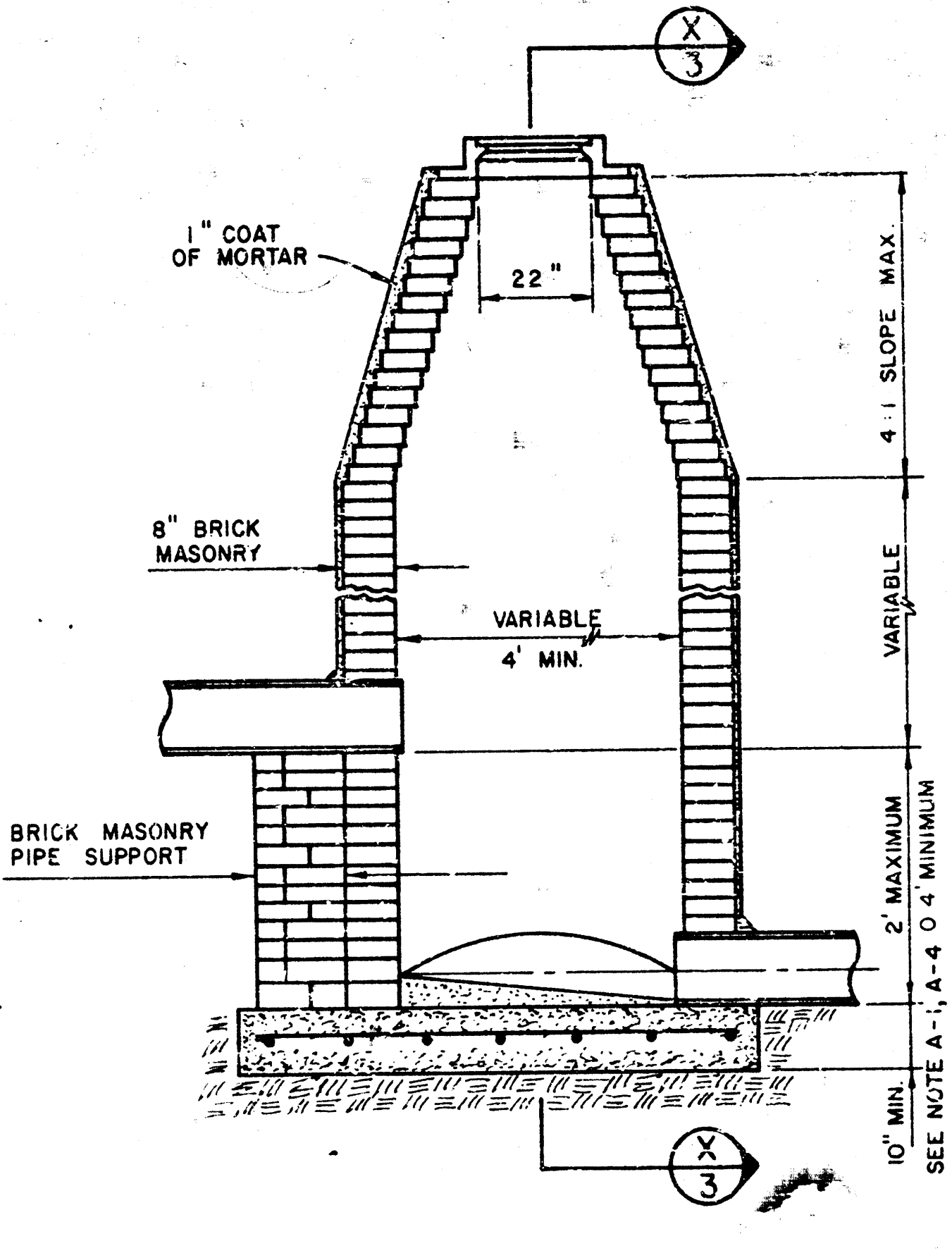
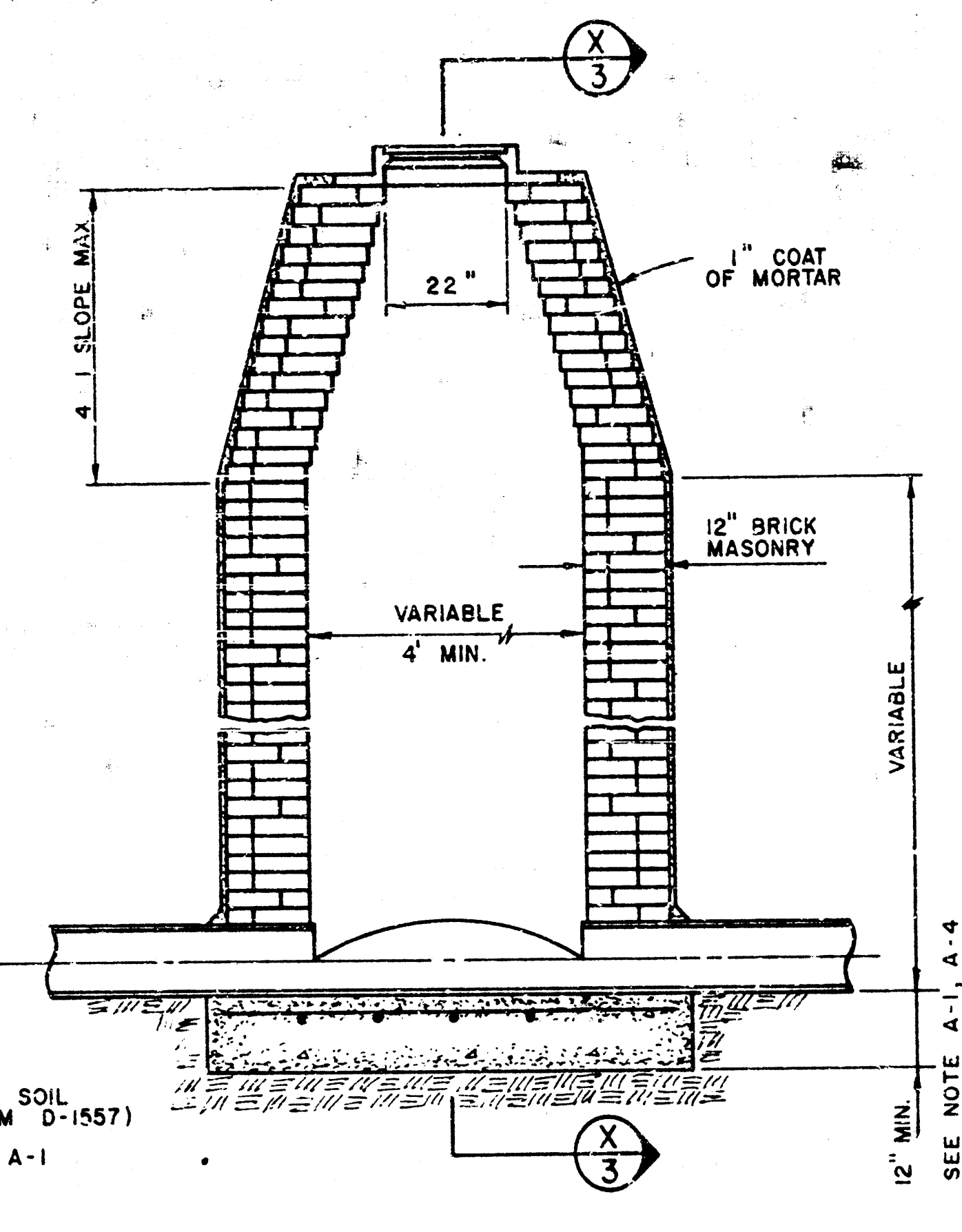
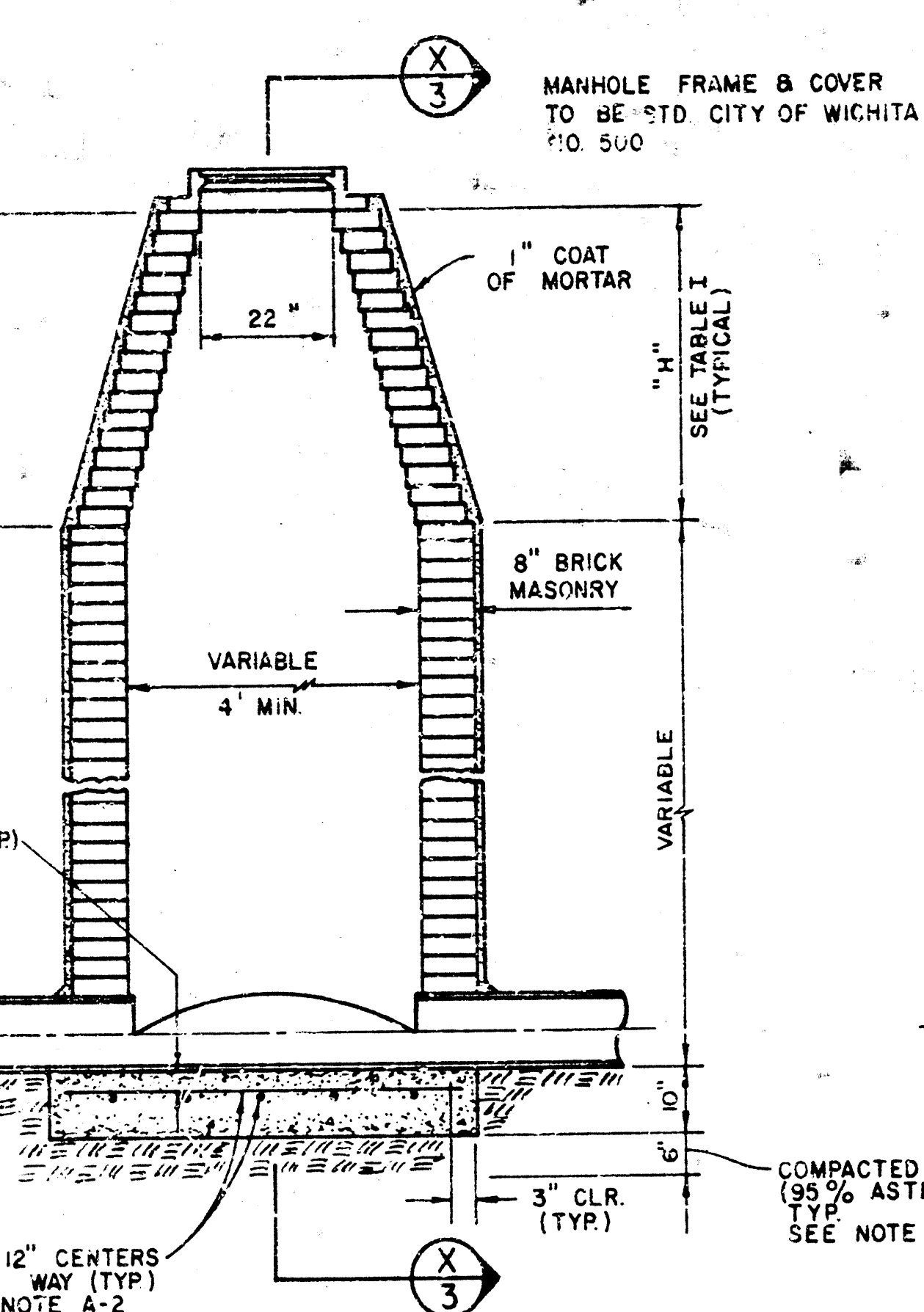
BENCH MARK LIST

- B.M. #1 R.P. SPIKE IN POWER POLE ON THE S. SIDE OF HARRY ST. AT THE E. LINE OF PARK MEADOW ESTATES. ELEV. 1343.49 (MSL)
- B.M. #2 SPIKE STEP IN POWER POLE ON E. LINE OF PARK MEADOW ESTATES, 540'± N. OF CENTERLINE OF HARRY ST. ELEV. 1342.54 (MSL)
- B.M. #3 SPIKE STEP IN POWER POLE ON E. LINE OF PARK MEADOW ESTATES, 810'± N. OF CENTERLINE OF HARRY ST. ELEV. 1342.23 (MSL)
- B.M. #4 SPIKE STEP IN POWER POLE ON E. LINE OF PARK MEADOW ESTATES, 1125'± N. OF CENTERLINE OF HARRY ST. ELEV. 1341.94 (MSL)
- B.M. #5 SPIKE STEP IN POWER POLE ON E. LINE OF PARK MEADOW ESTATES, 1410'± N. OF THE CENTERLINE OF HARRY ST. ELEV. 1343.88 (MSL)
- B.M. #6 SPIKE STEP IN POWER POLE ON E. LINE OF PARK MEADOW ESTATES, 1685'± N. OF THE CENTERLINE OF HARRY ST. ELEV. 1346.79 (MSL)
- B.M. #8 CHISELED SQUARE ON N.W. COR. R.C.B. APPROX. 1600' E. OF THE CENTERLINE OF WEBB RD. AND HARRY ST. ELEV. 1351.42 (MSL)
- B.M. #9 TOP OF IRON PIN ON THE S. LINE OF BOSTON ST. AT THE P.C. OF THE CURVE TO THE SOUTH. ELEV. 1350.85 (MSL)
- B.M. #10 TOP OF IRON PIN AT THE N.E. CORNER OF MAMMOTH CAVE SCHOOL PROP. ELEV. 1354.17 (MSL)
- B.M. #11 TOP OF IRON PIN AT THE N.W. CORNER OF MAMMOTH CAVE SCHOOL PROP. ELEV. 1355.12 (MSL)
- B.M. #12 STD. CITY OF WICHITA BENCH MARK DISC, 43' S. AND 46' W. OF THE CENTERLINE OF WEBB RD. AND HARRY ST. ELEV. 1359.03 (MSL)

SEWER LINE SCHEDULE	
LINE NO.	SHEET NO.
1	5
1A	6
1B	6
1C	6
1D	6
2	7-8
2A	7
2B	7
2C	8-9
2D	9
2E	9



No.	Revision	By	Date
SEDGWICK COUNTY DEPARTMENT OF PUBLIC WORKS G.C. McLURE, JR., P.E. DIRECTOR & COUNTY ENGINEER			
KEY MAP & SCHEDULE			
SANITARY SEWER IMPROVEMENTS PARK MEADOW ESTATES LATERAL SEWER DISTRICT SEDGWICK COUNTY KANSAS			
PROFESSIONAL ENGINEERING CONSULTANTS, P.A.			
ENGINEERS WICHITA, KANSAS			



STANDARD MANHOLE
TYPE A

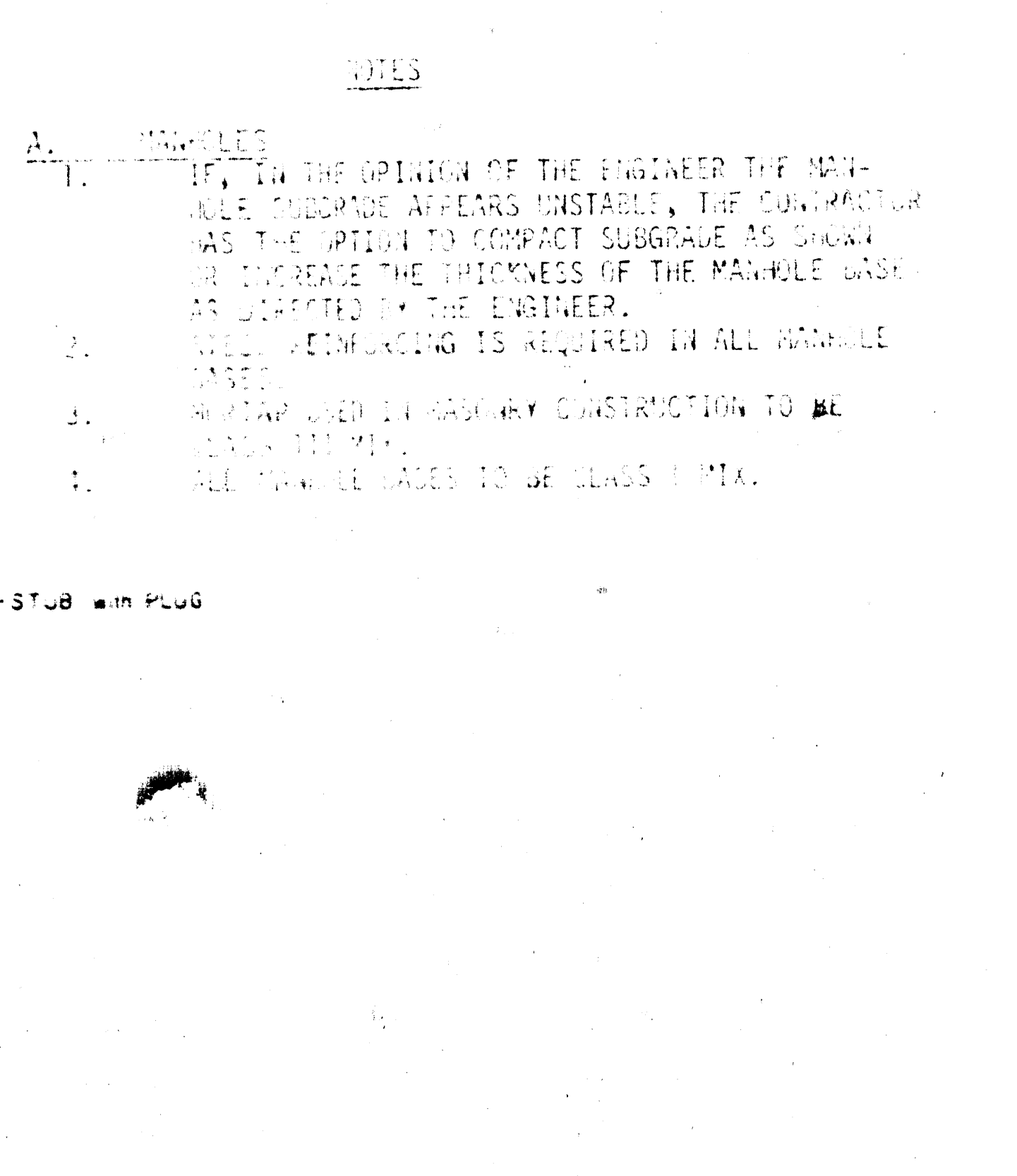
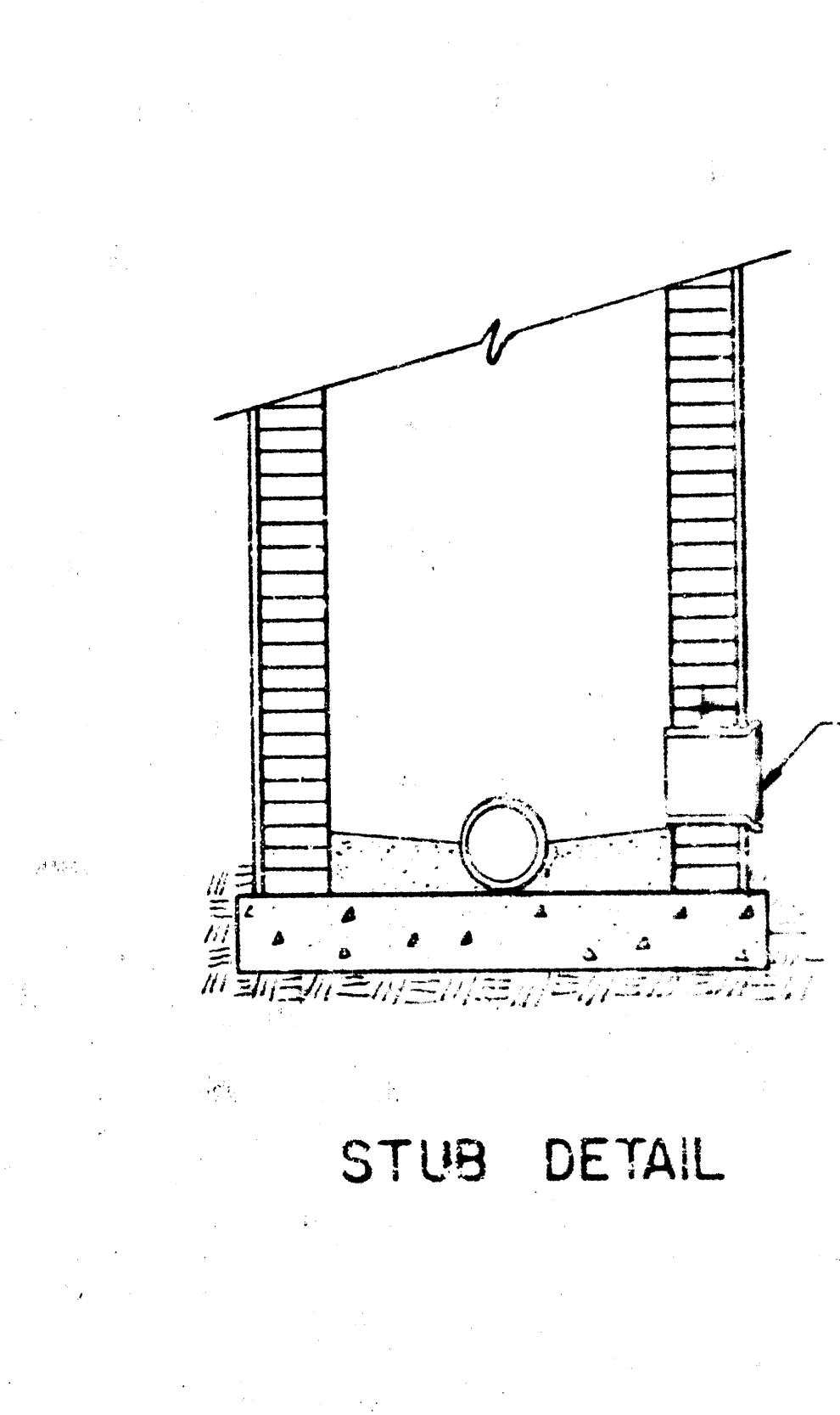
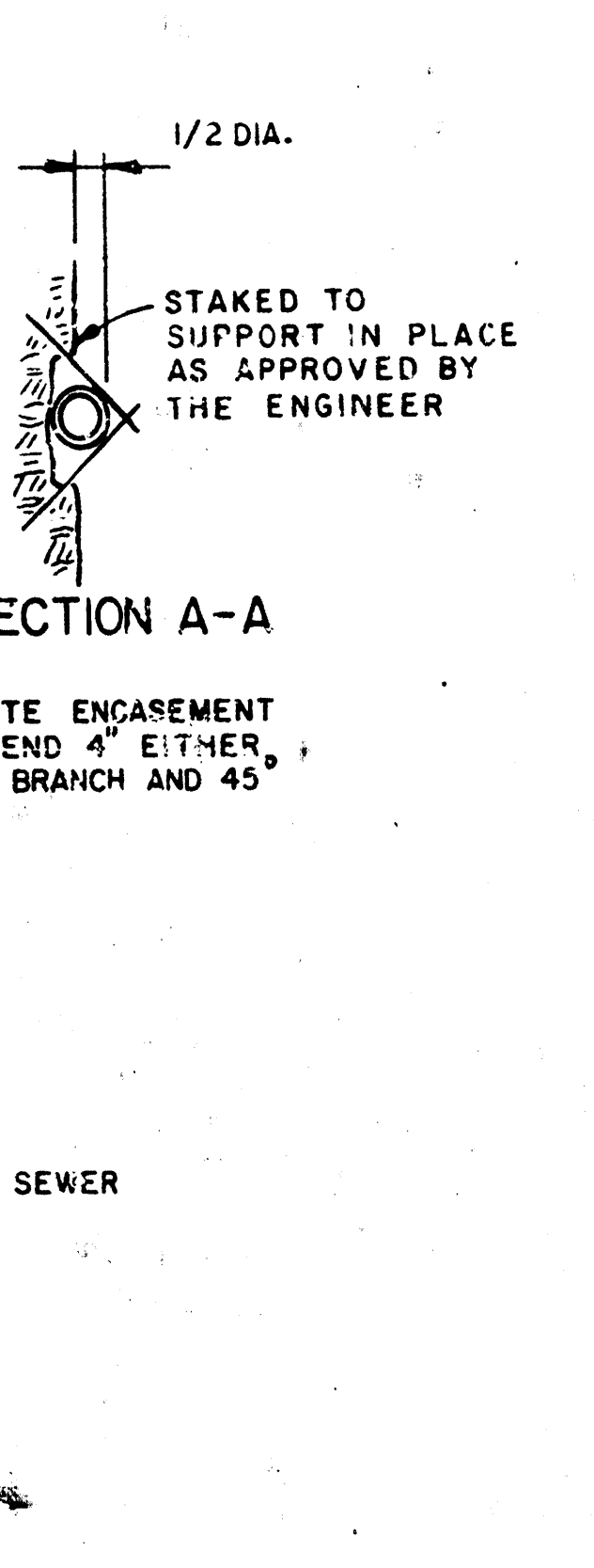
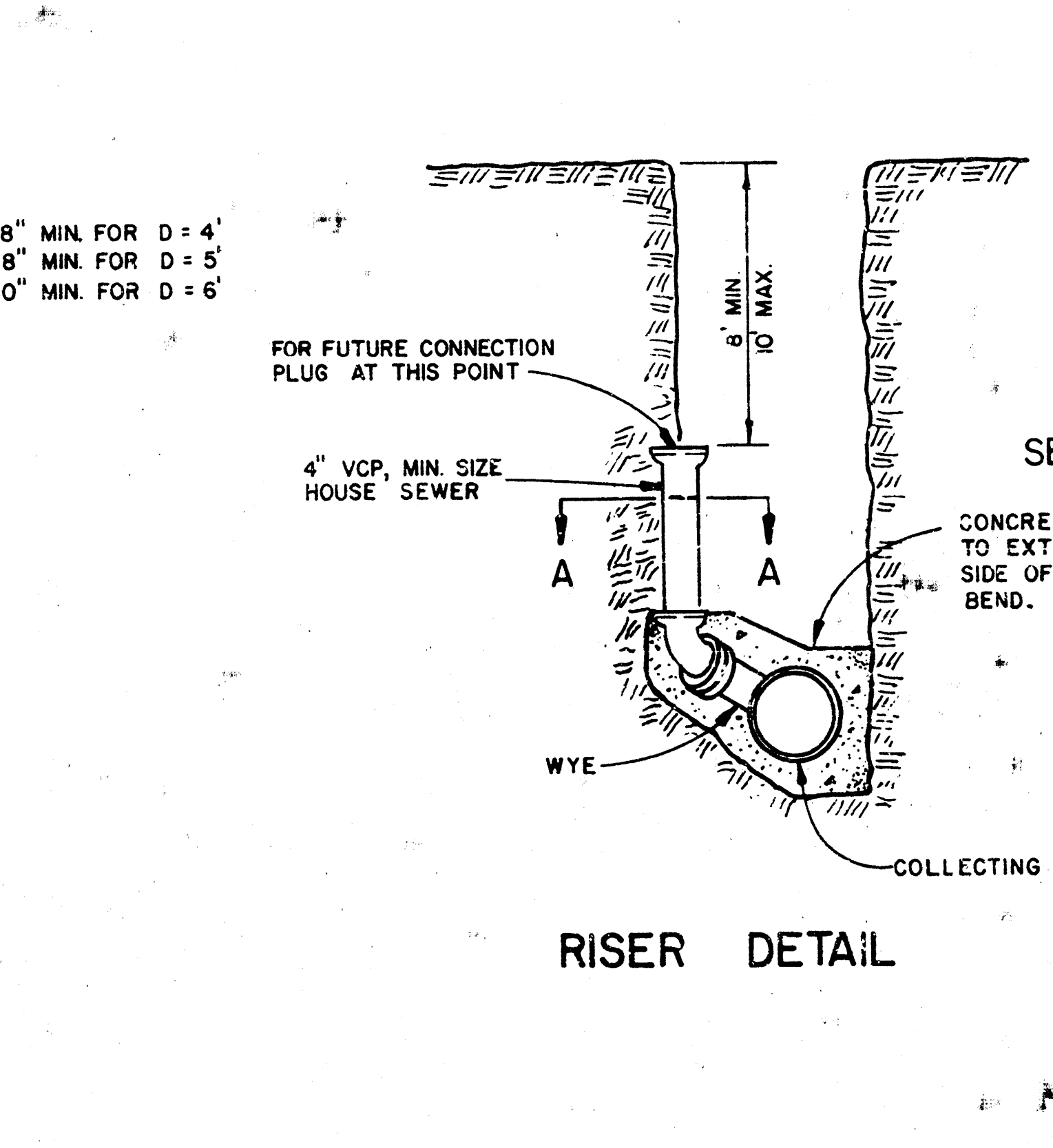
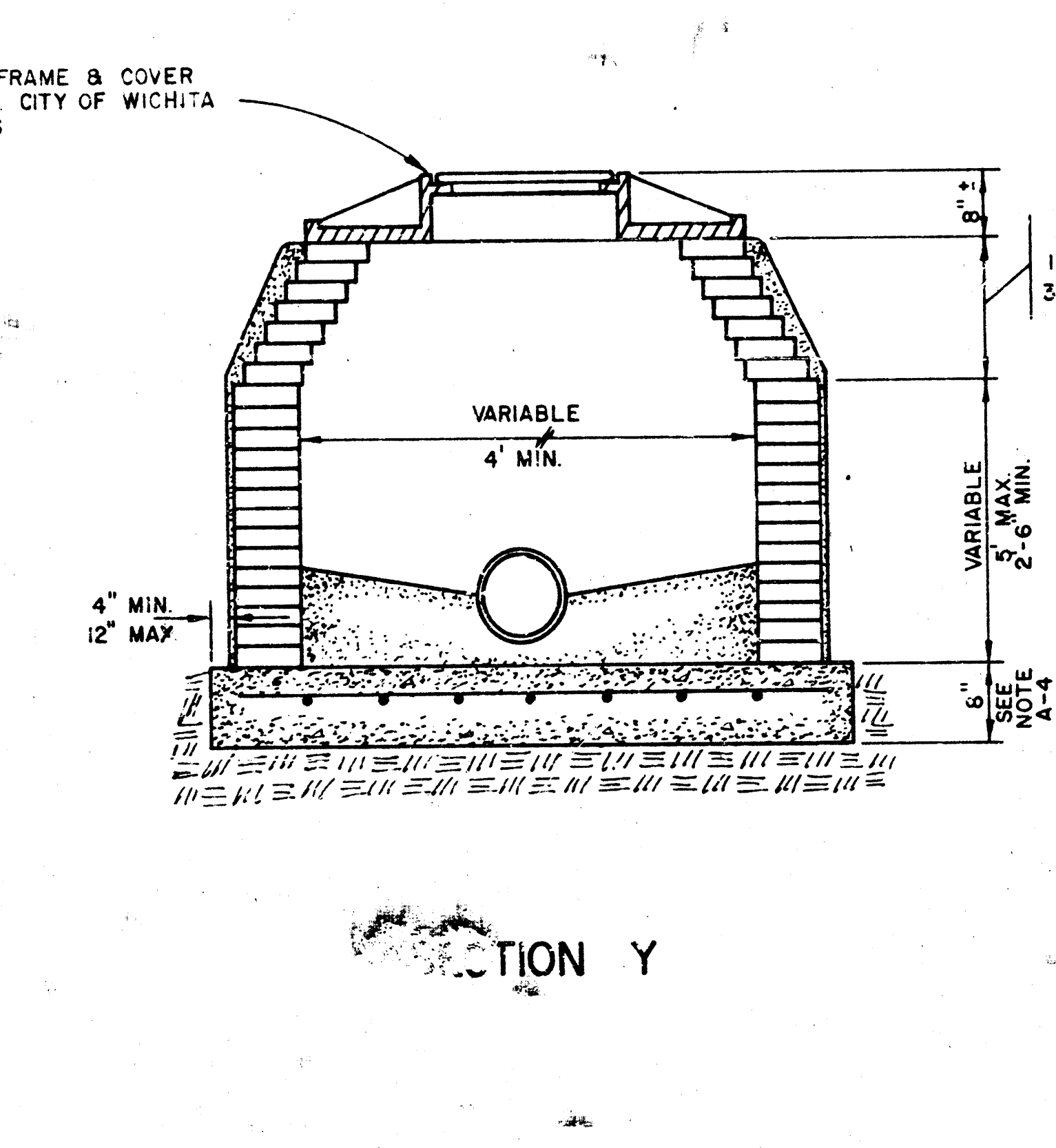
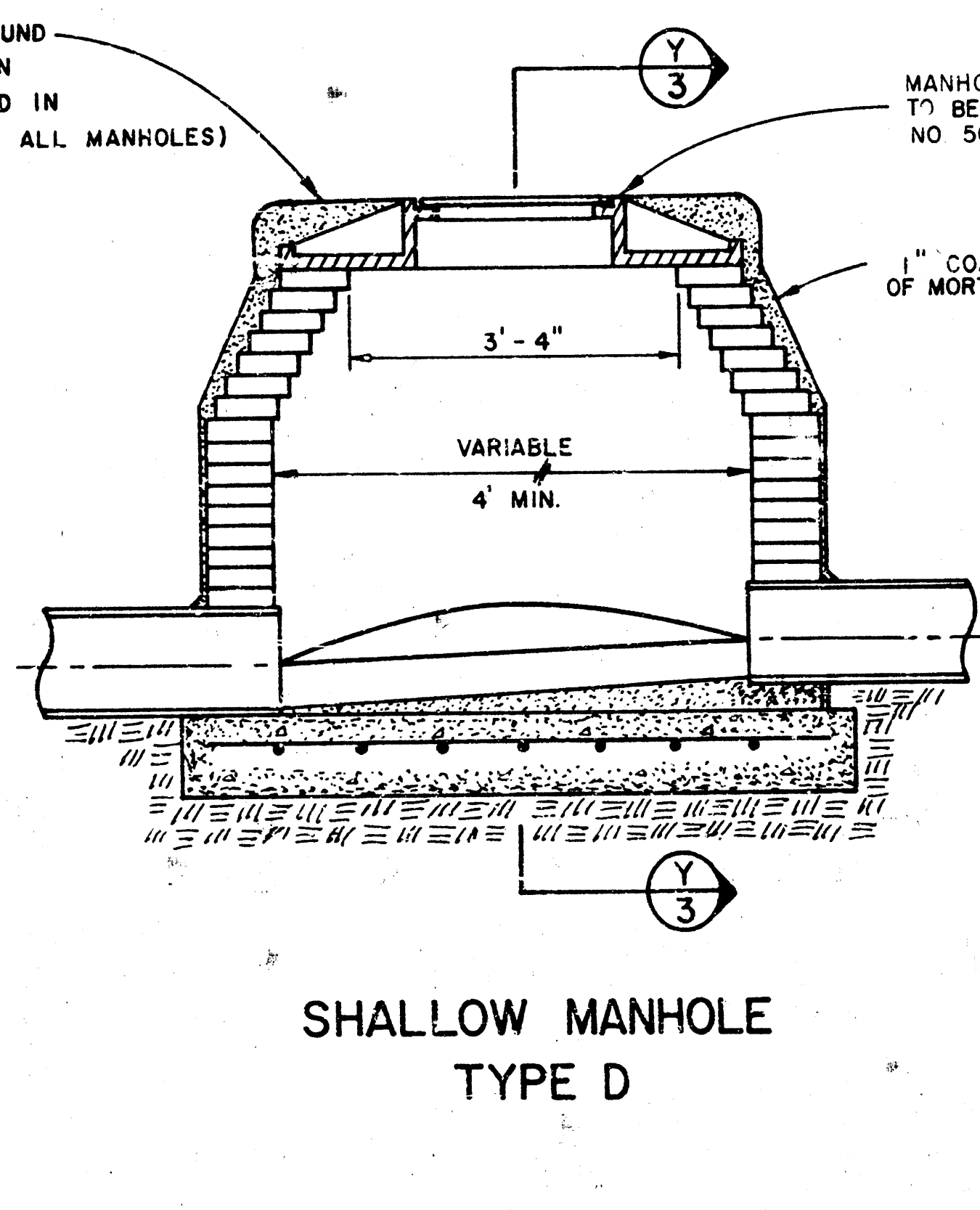
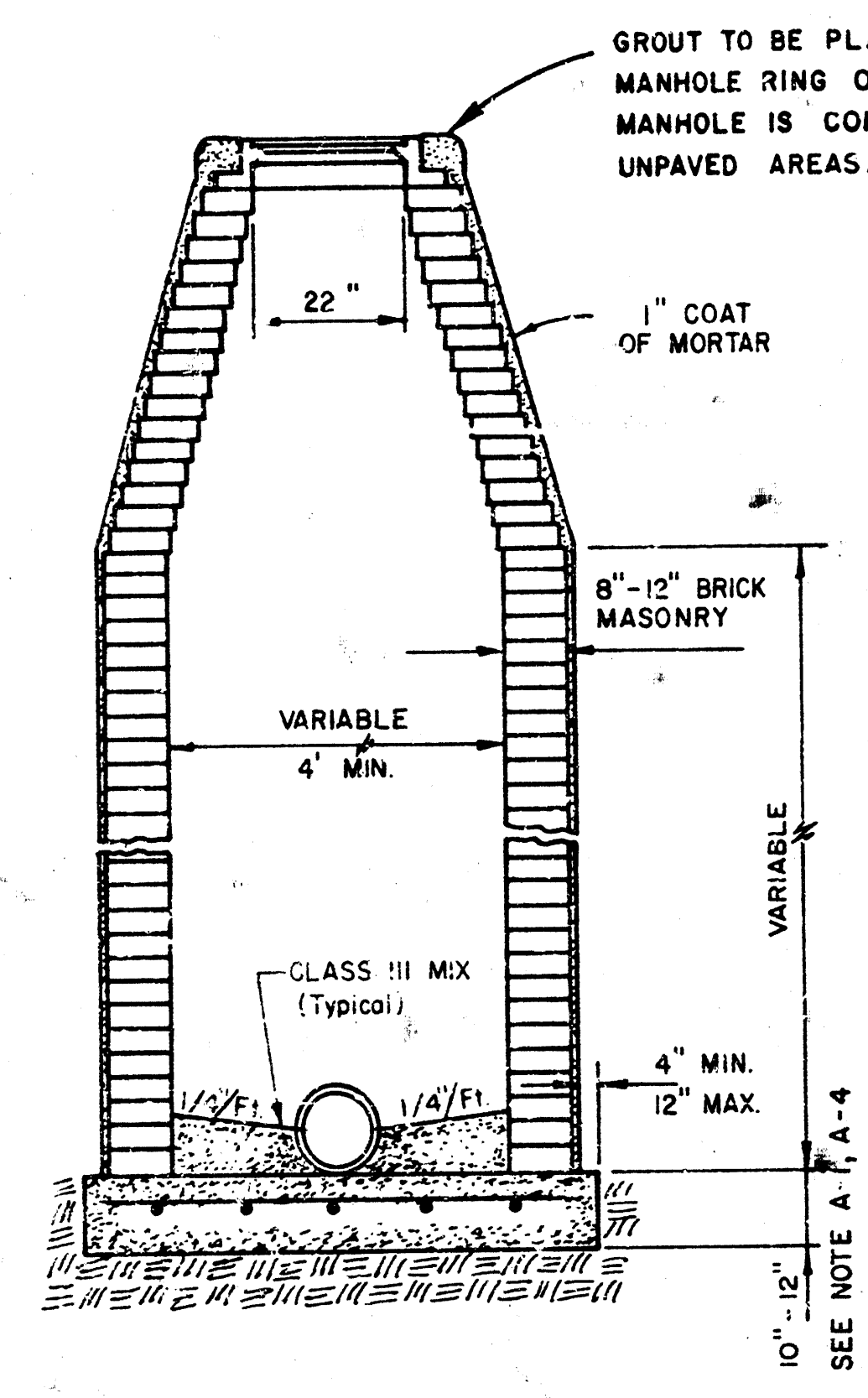
STANDARD MANHOLE
TYPE AA

DROP MANHOLE
TYPE B

DROP MANHOLE
TYPE BB

OUTSIDE DROP MANHOLE
TYPE C

OUTSIDE DROP MANHOLE
TYPE CC



SECTION X

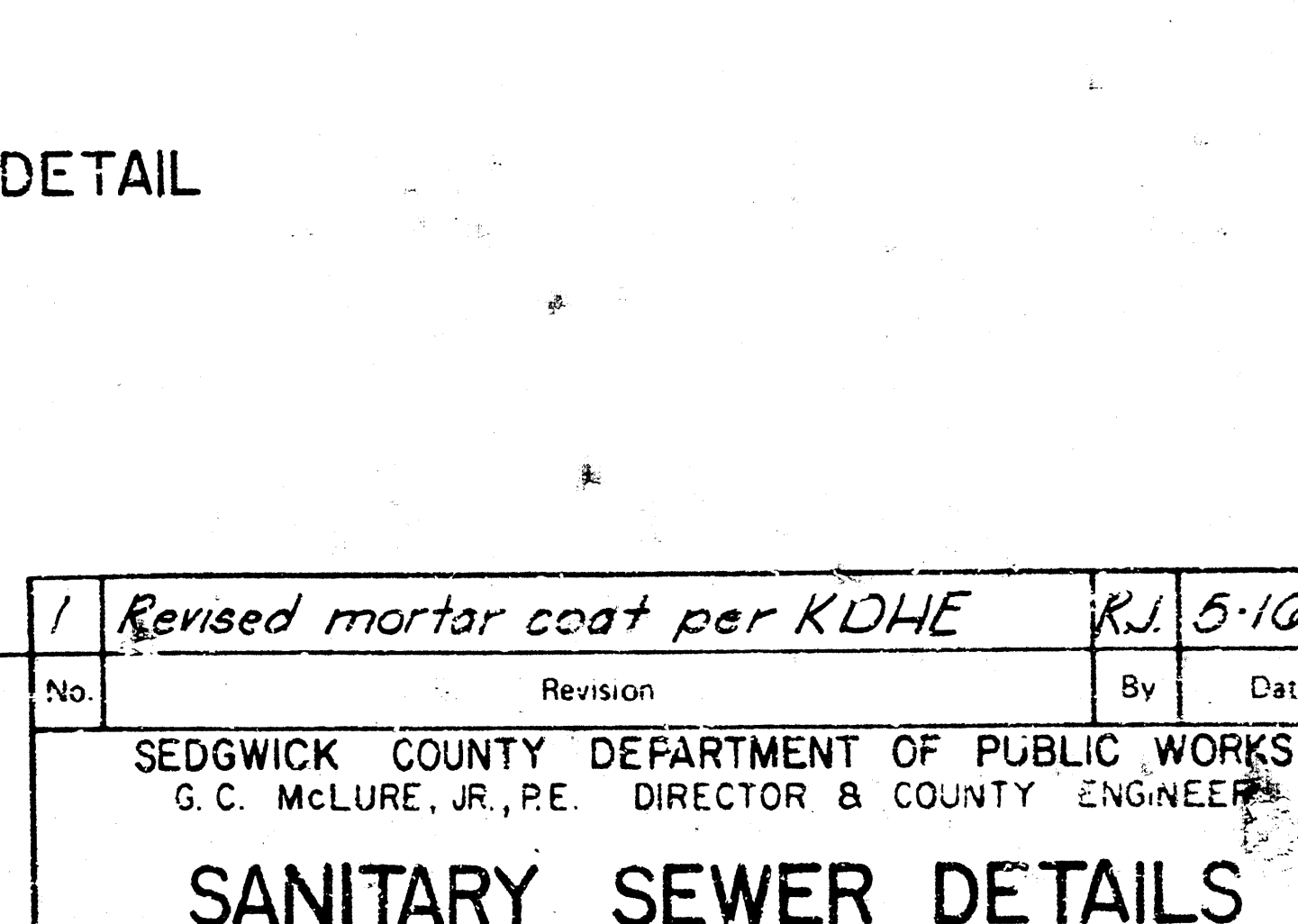
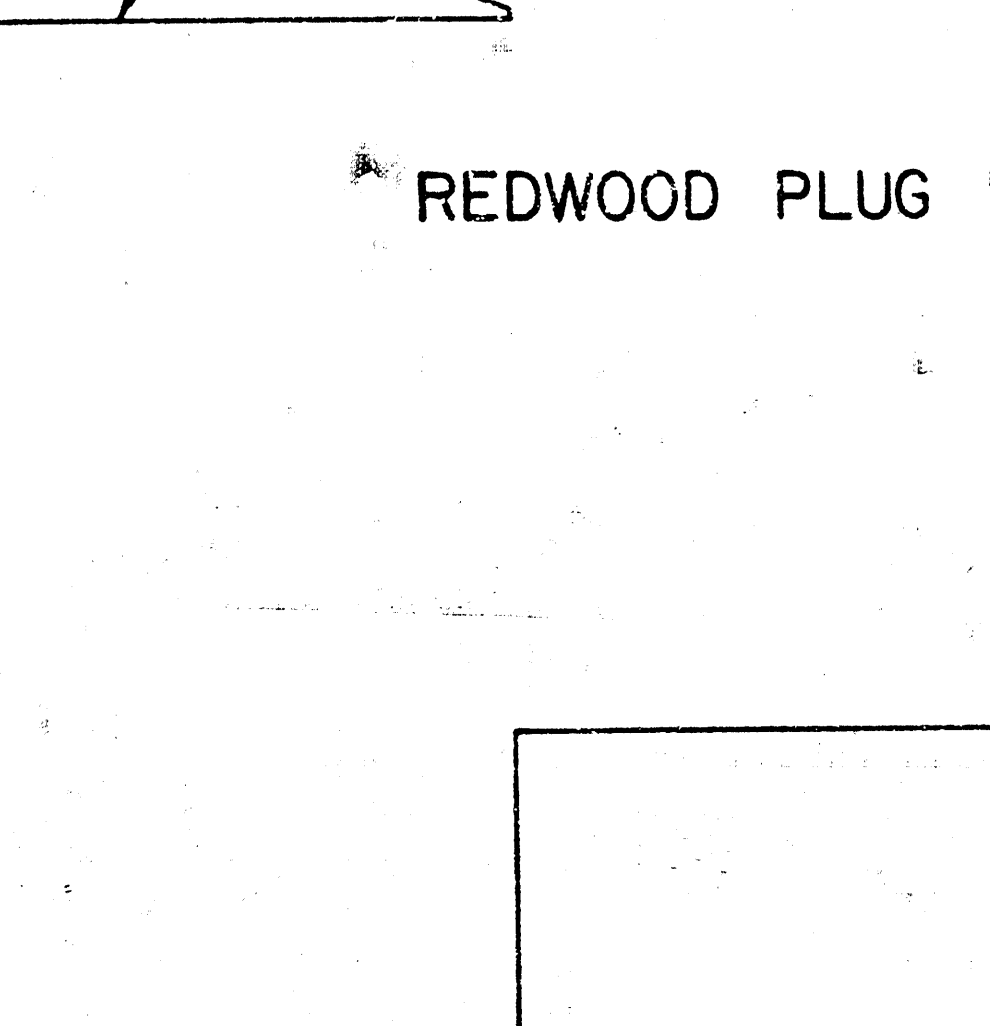
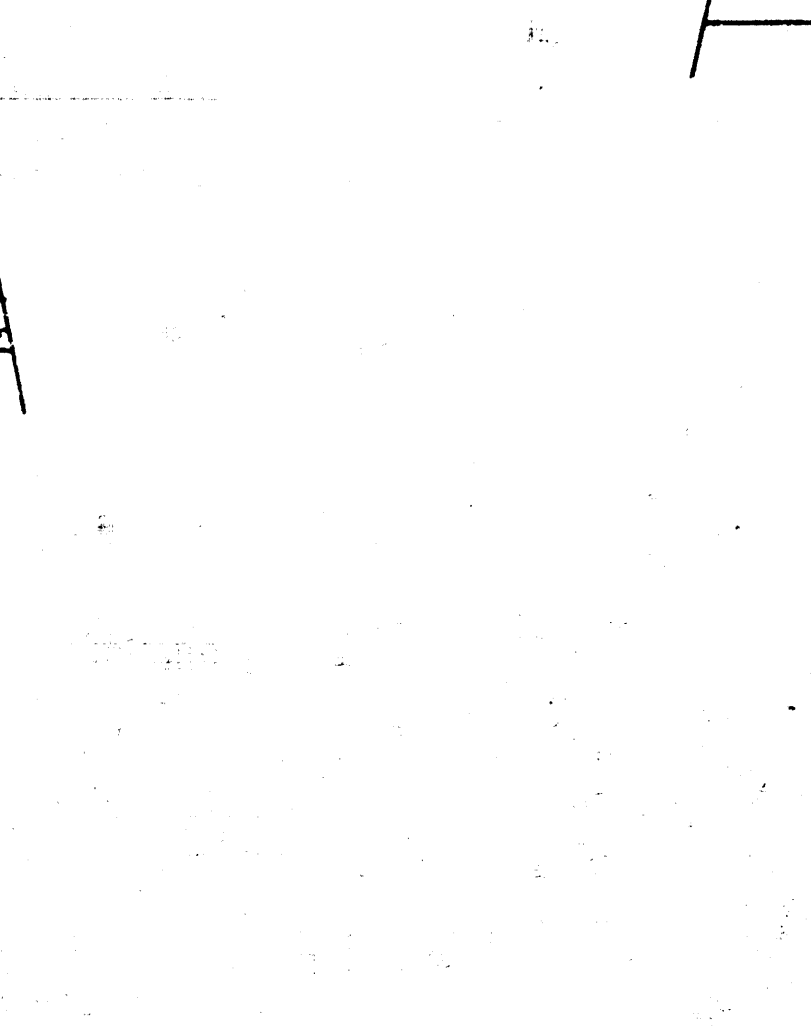
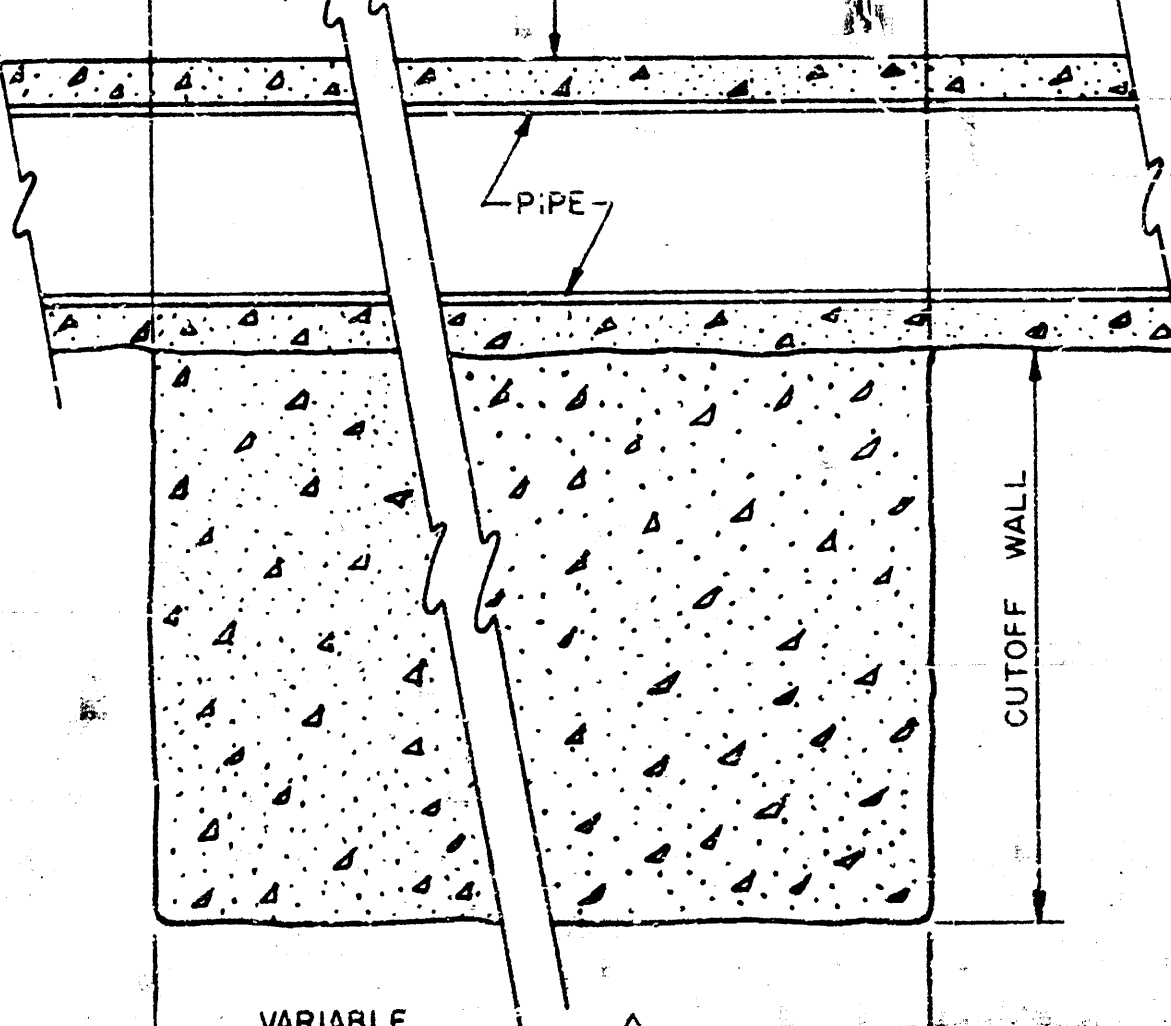
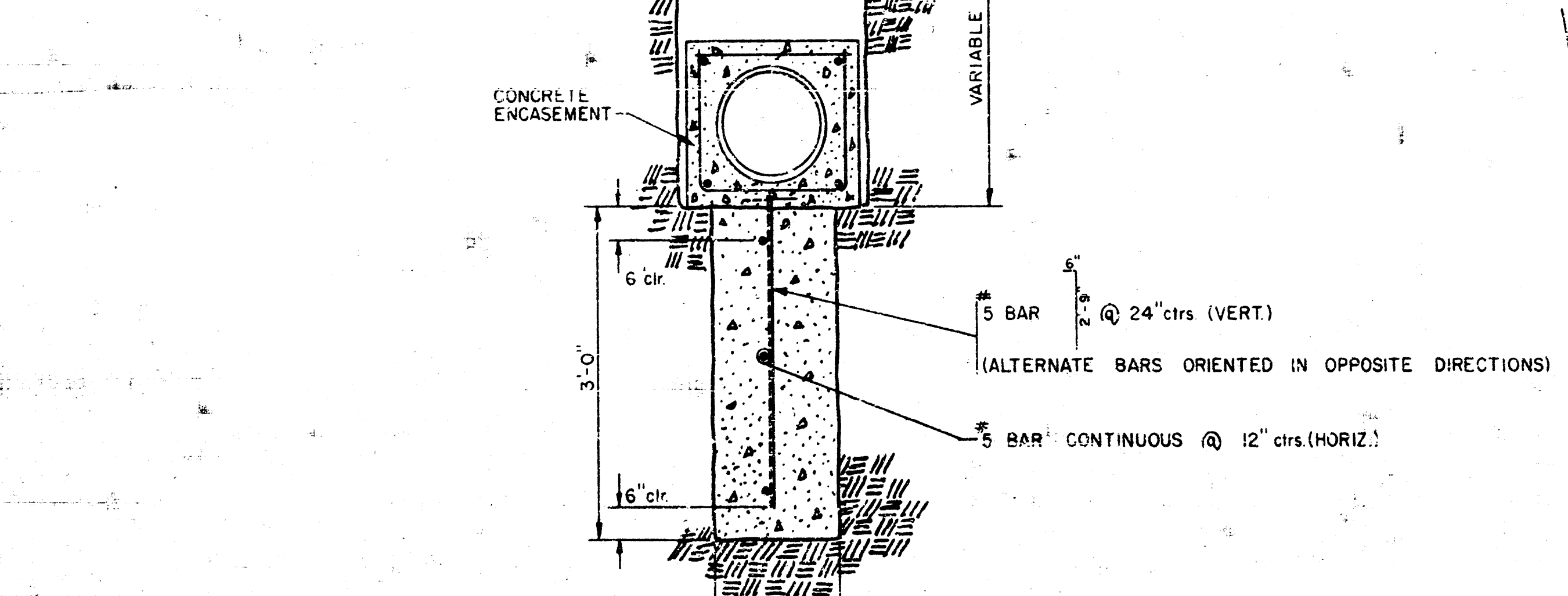
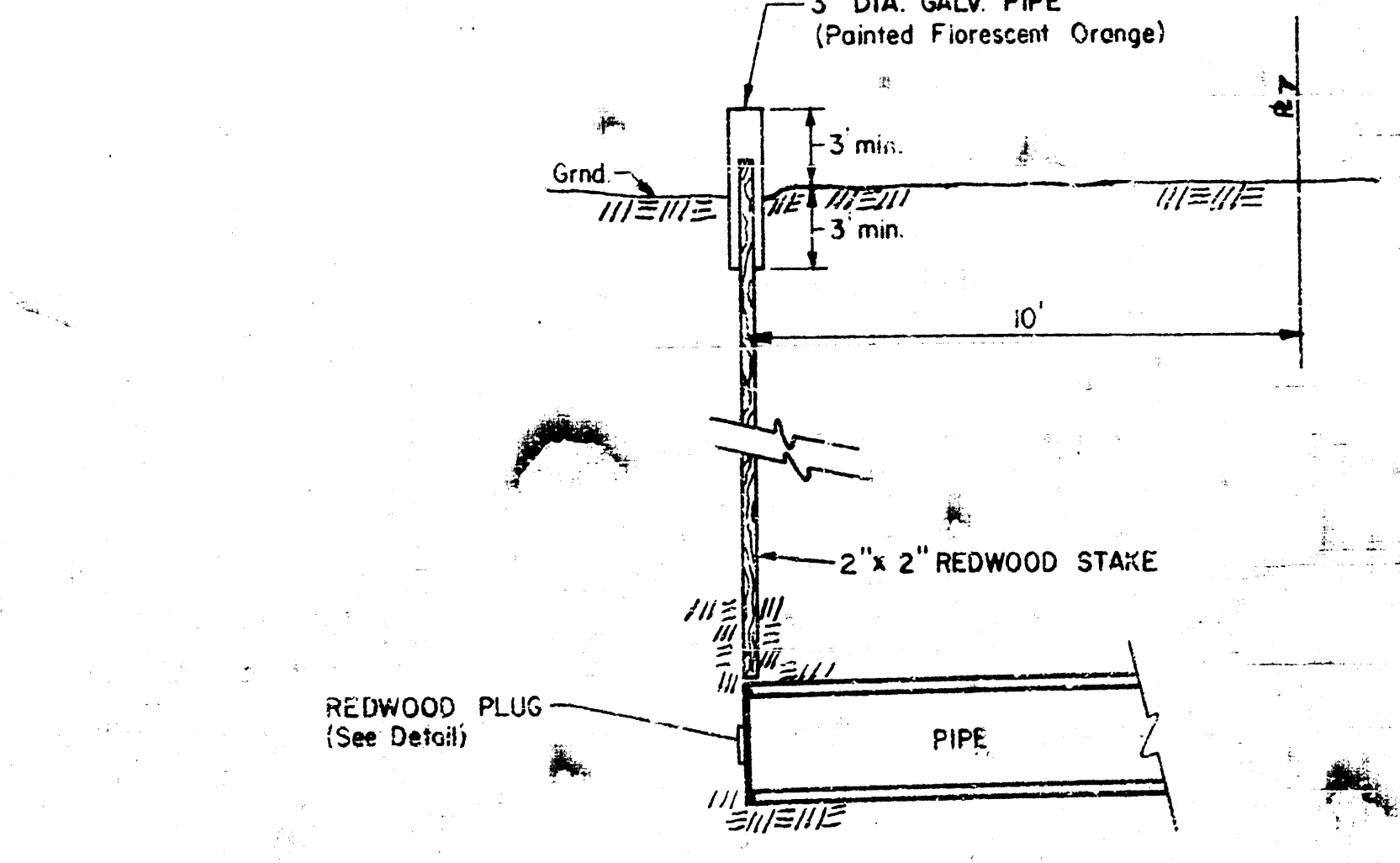
SHALLOW MANHOLE
TYPE D

SECTION Y

RISER DETAIL

STUB DETAIL

REDWOOD PLUG DETAIL



BURIED PIPE STAKING DETAIL

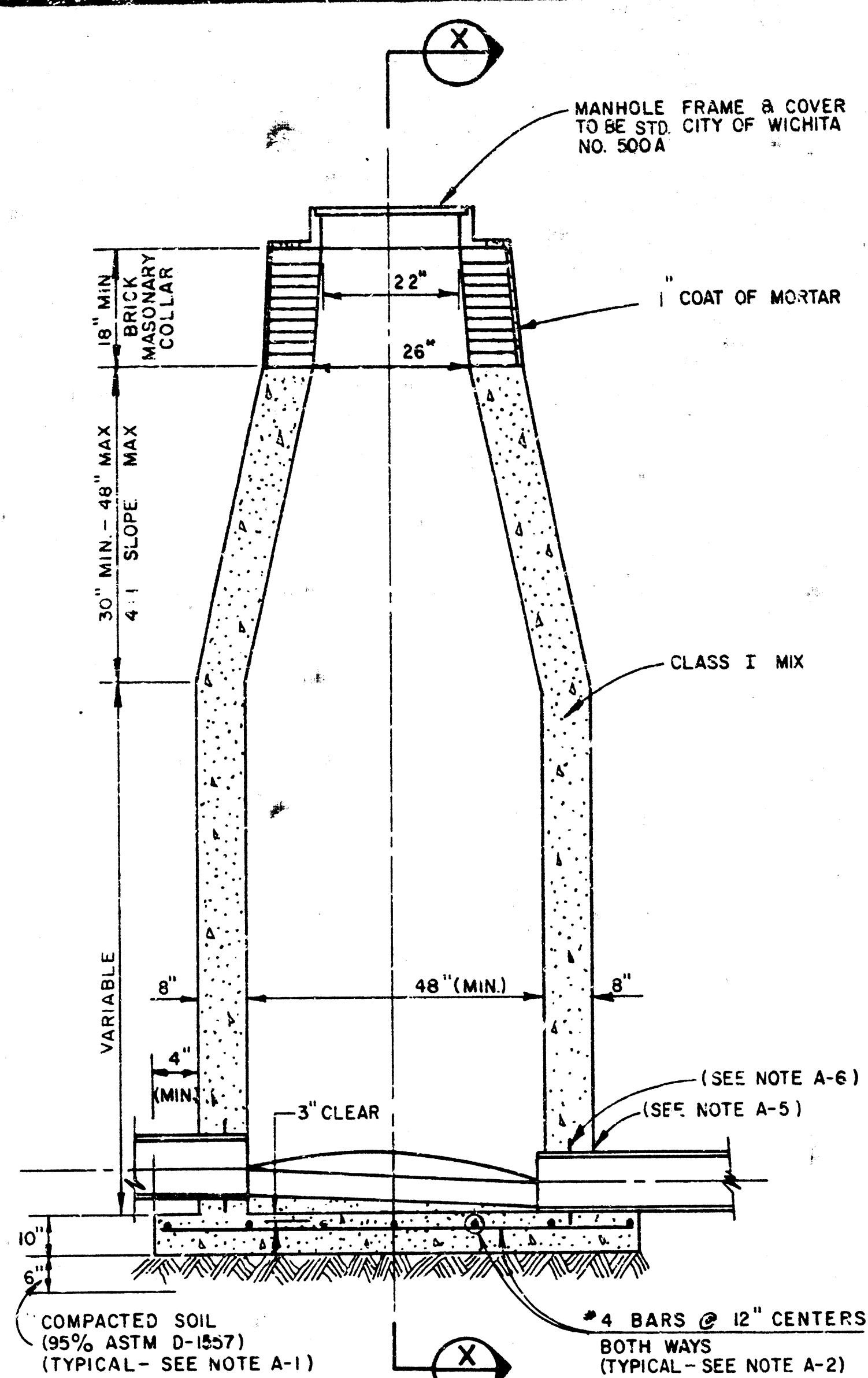
CONCRETE ENCASEMENT (CLASS A)
WITH CUTOFF WALL
(thru Channel Crossing)

SECTION B-B

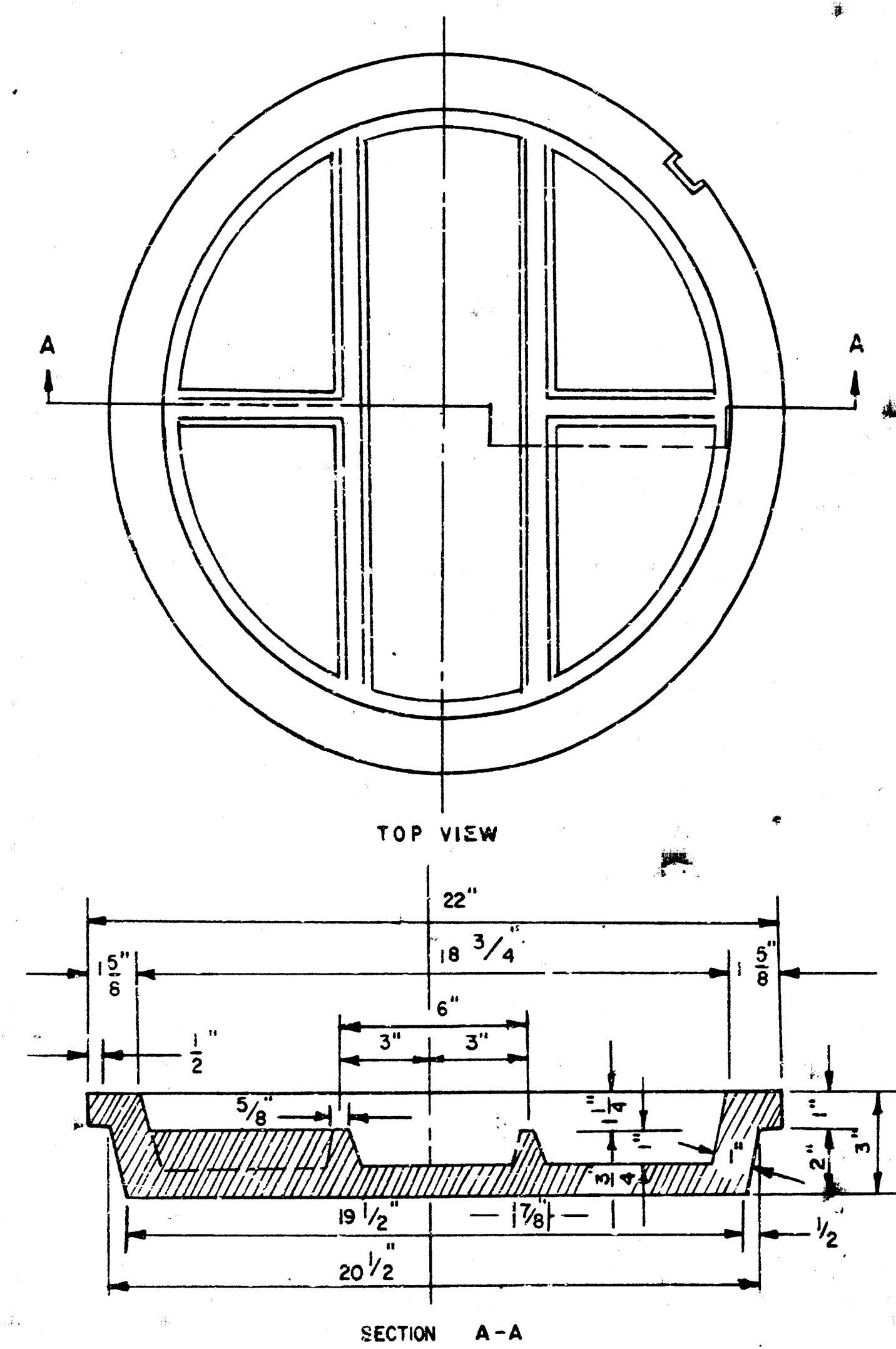
REDWOOD PLUG DETAIL

NOTE: CONCRETE CUTOFF WALL SHALL BE PAID BY THE LINEAL FOOT AND SEPARATE FROM CONCRETE

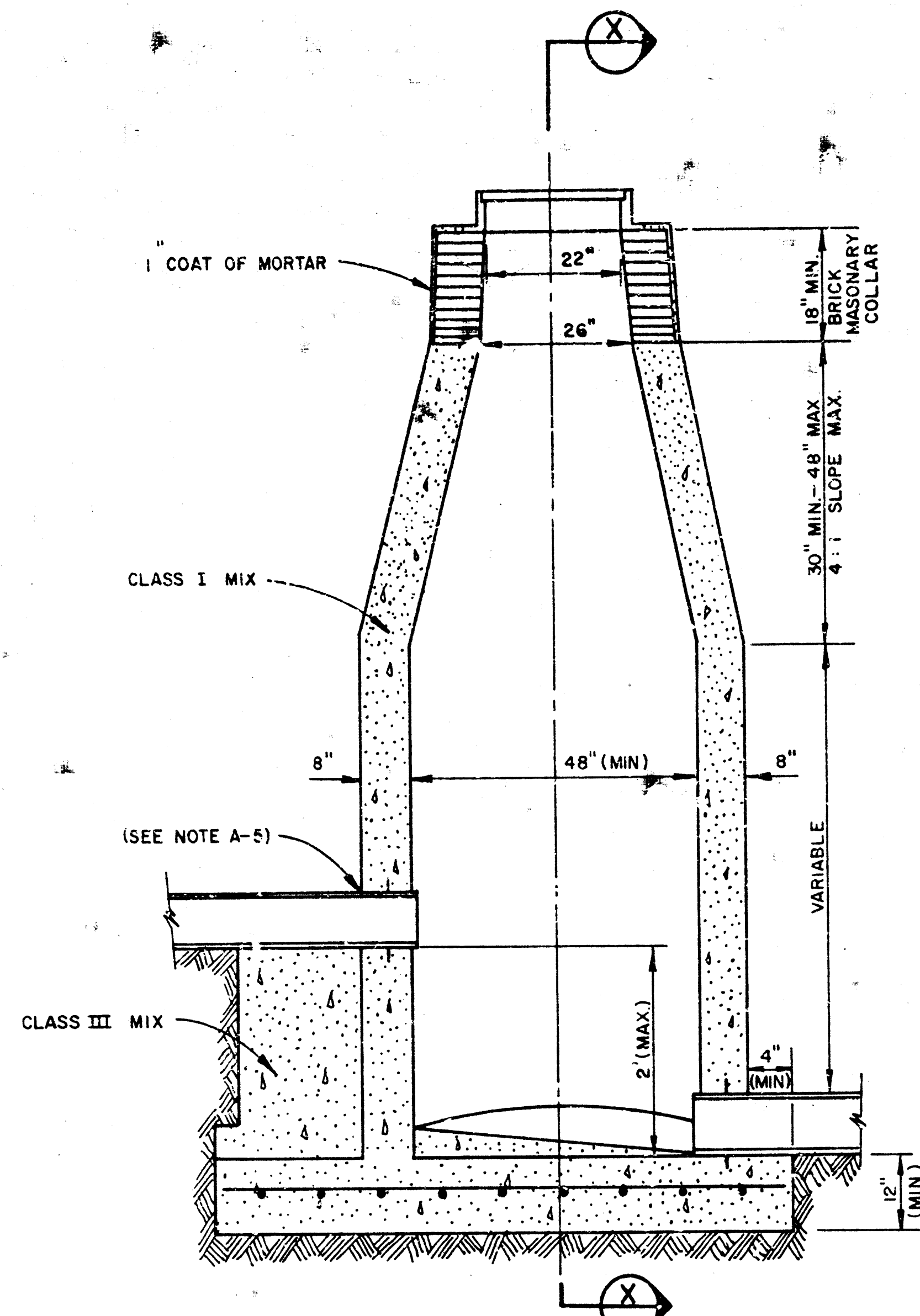
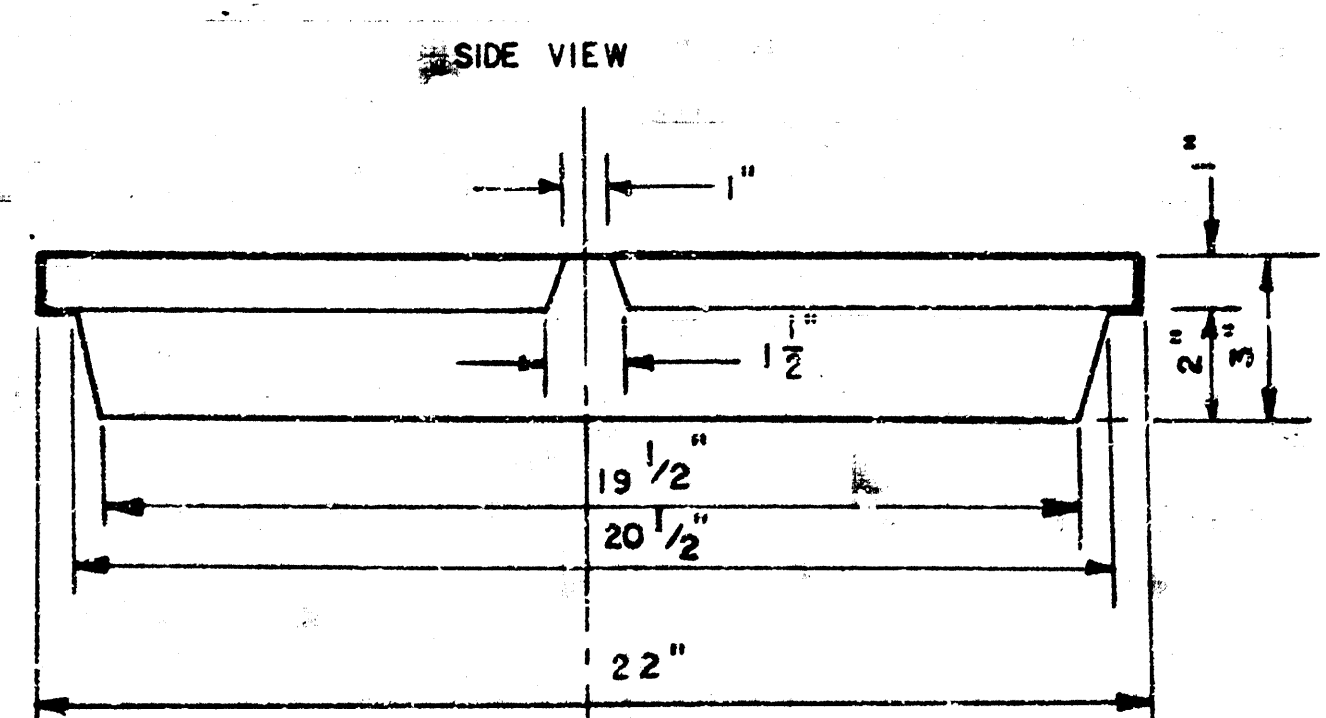
1 Revised mortar coat per KDHE		RJ	5-16-77
No.	Revision	By	Date
SEDGWICK COUNTY DEPARTMENT OF PUBLIC WORKS G.C. McLURE, JR., P.E. DIRECTOR & COUNTY ENGINEER			
SANITARY SEWER DETAILS			
SANITARY SEWER IMPROVEMENTS PARK MEADOW ESTATES LATERAL SEWER DISTRICT SEDGWICK COUNTY, KANSAS			
PROFESSIONAL ENGINEERING CONSULTANTS, P.A.			
ENGINEERS WICHITA, KANSAS			
Designed by	Job No. 76496		



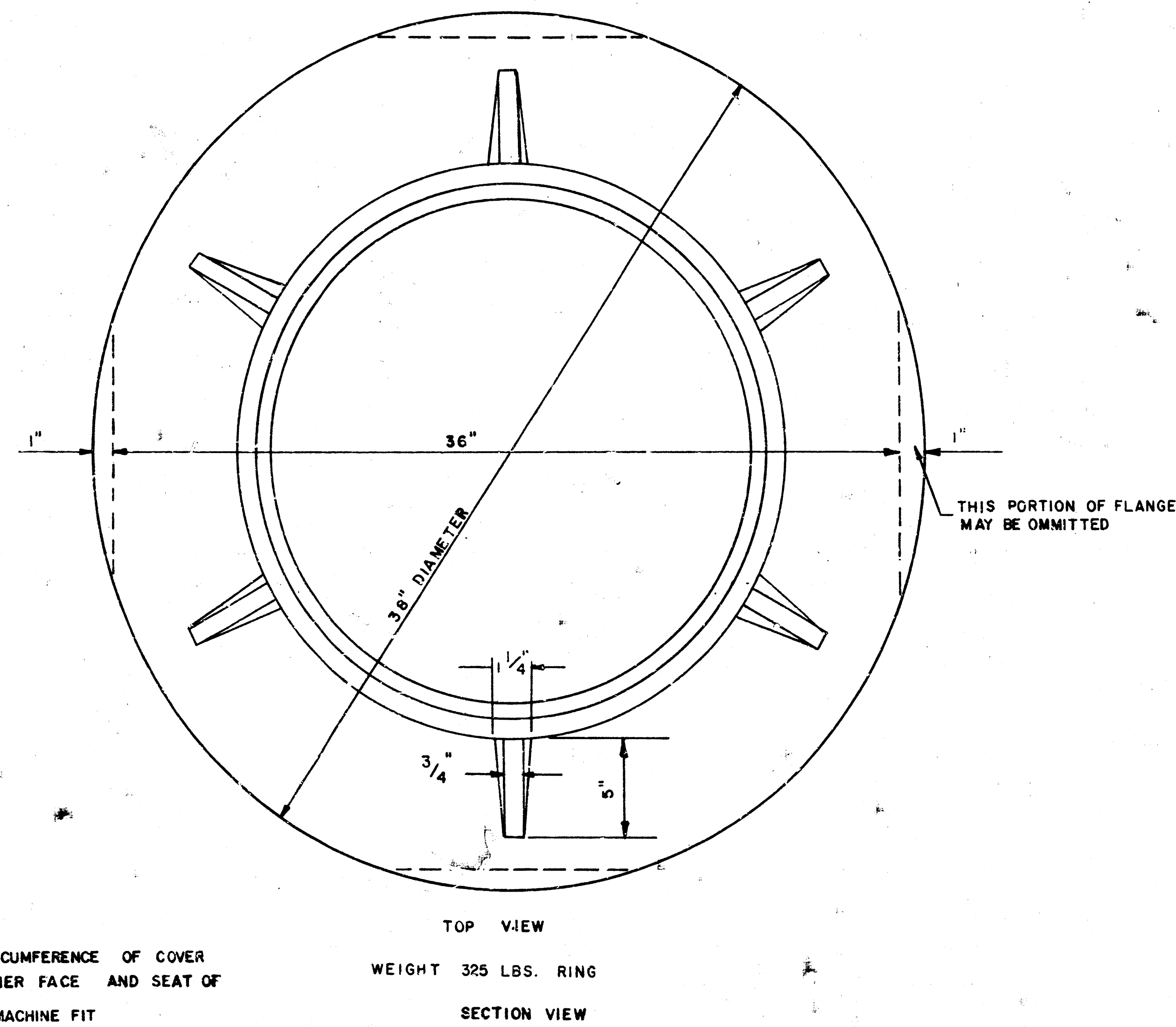
CAST IN PLACE
STANDARD MANHOLE
TYPE "E-A"



MANHOLE COVER
WEIGHT 110 LBS.

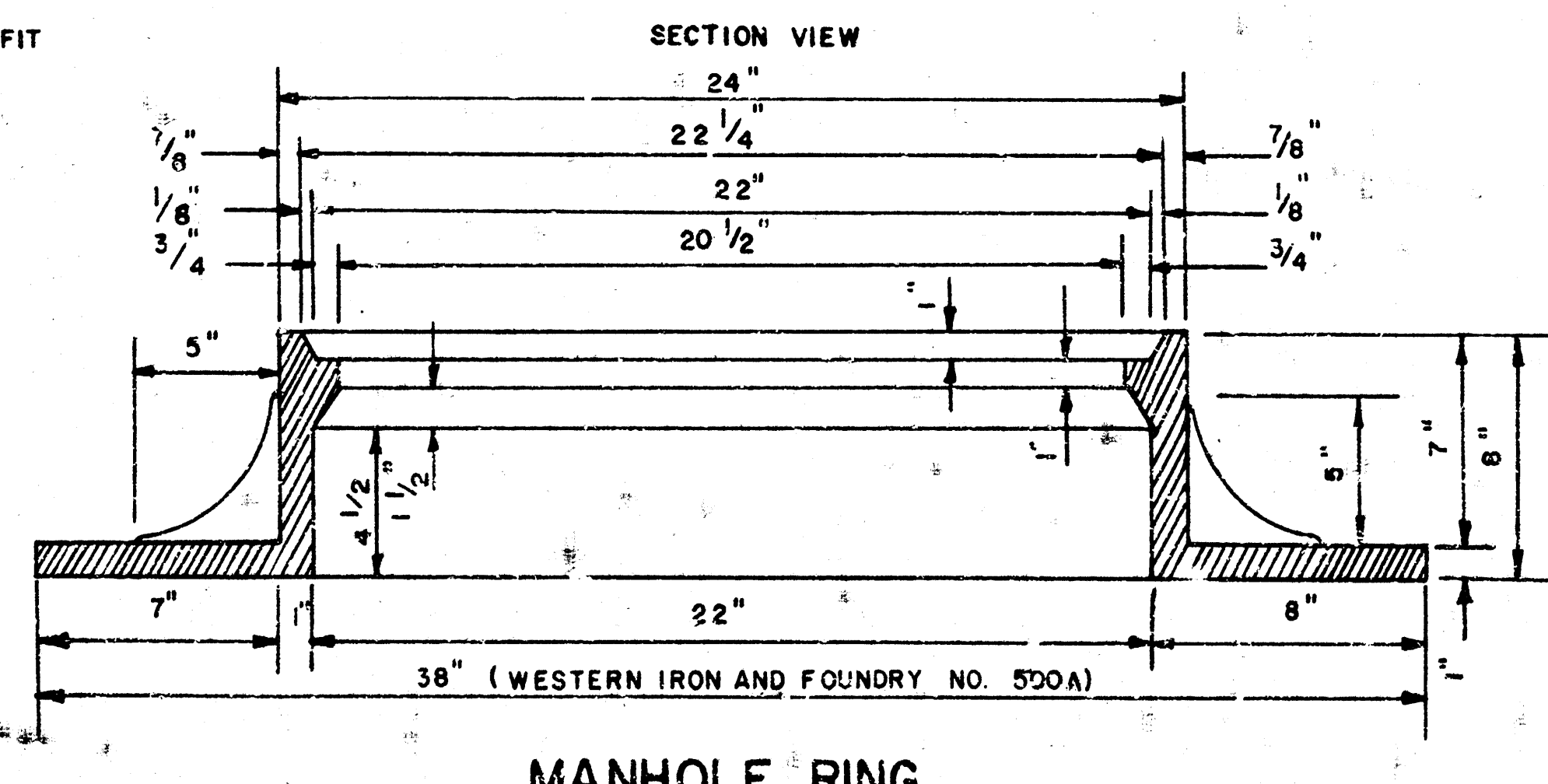


CAST IN PLACE
DROP MANHOLE
TYPE "E-B"

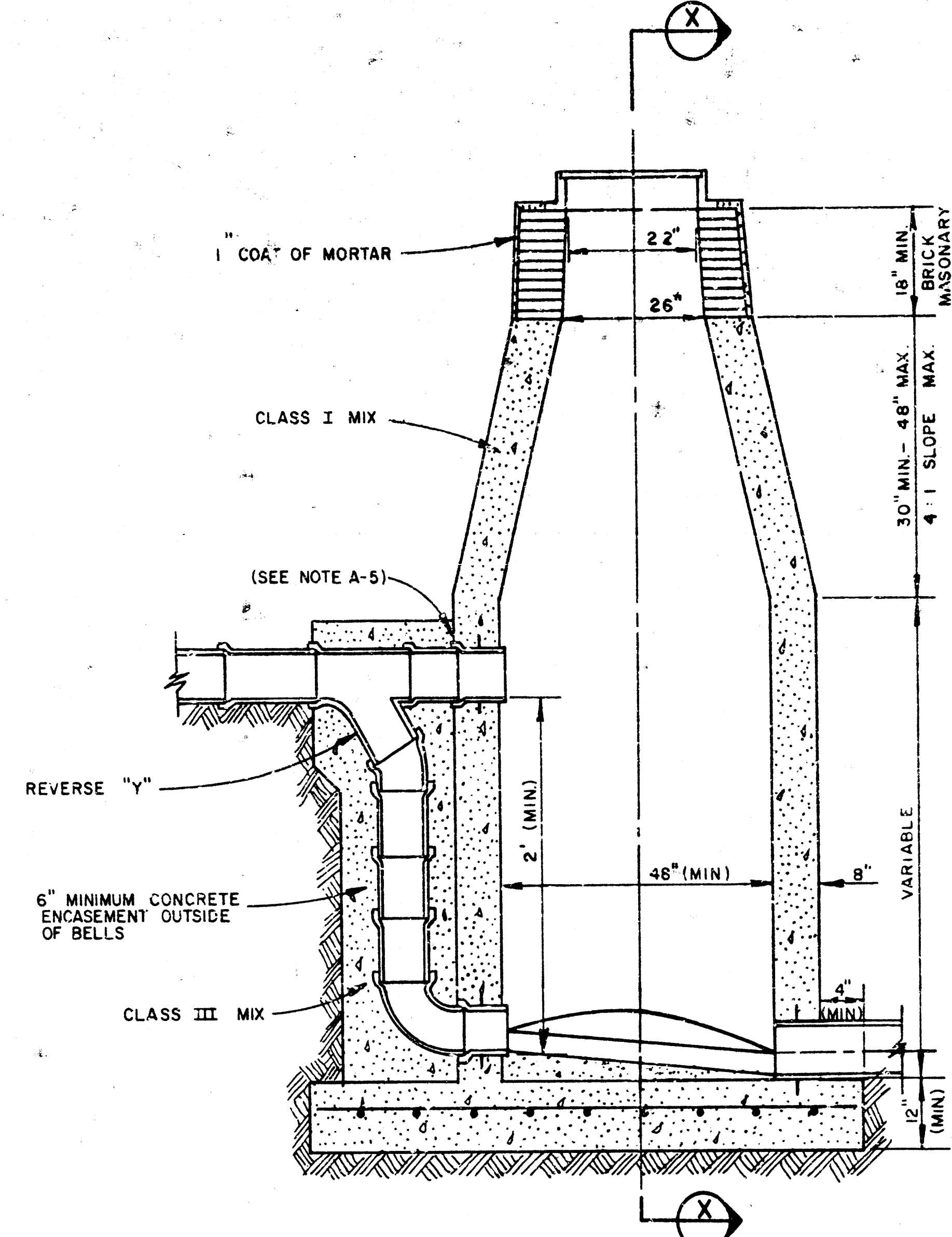


OUTSIDE CIRCUMFERENCE OF COVER
AND THE INNER FACE AND SEAT OF
RING TO BE MACHINE FIT

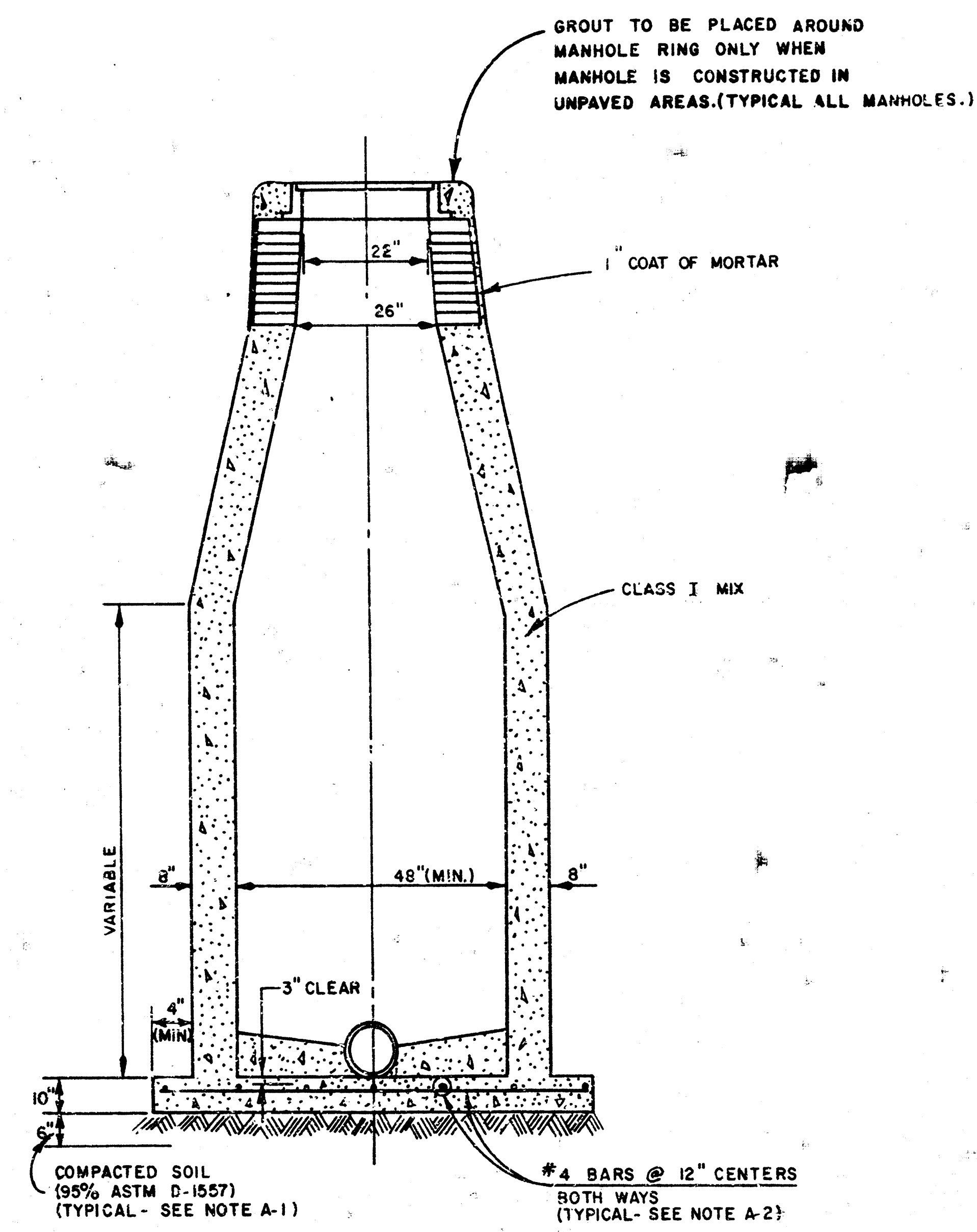
WEIGHT 325 LBS. RING



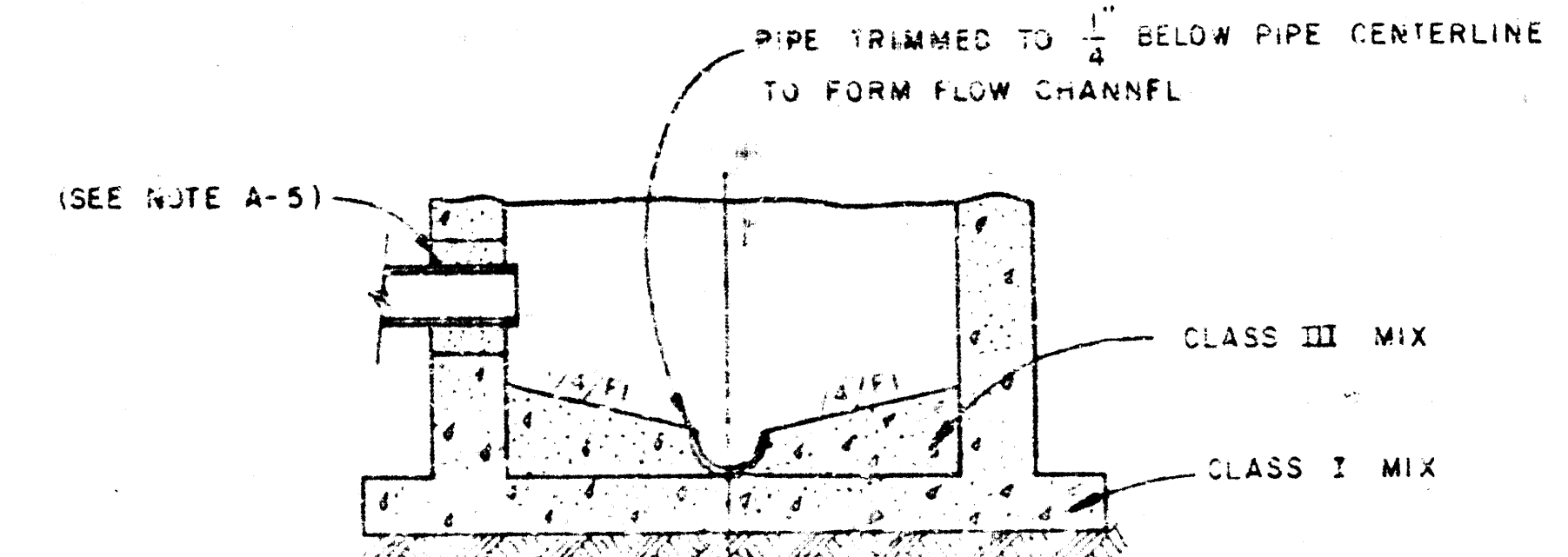
MANHOLE RING



CAST IN PLACE
OUTSIDE DROP MANHOLE
TYPE "E-C"



SECTION X



SECTIONAL ELEVATION-INVERT

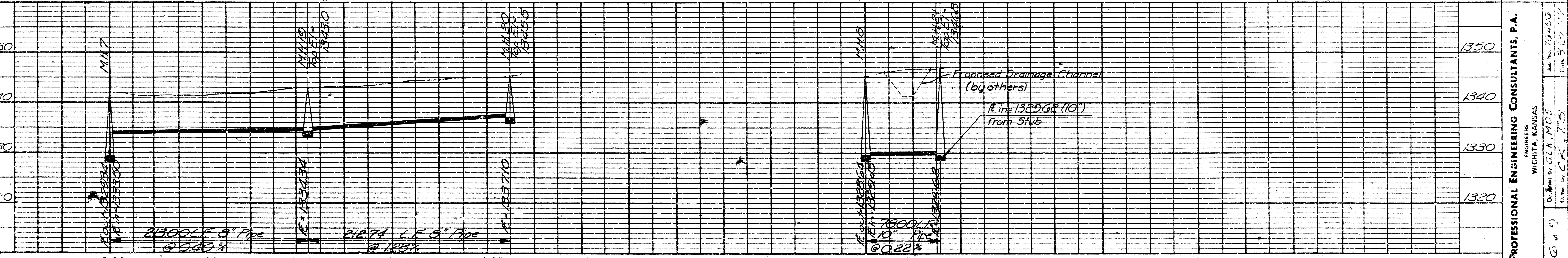
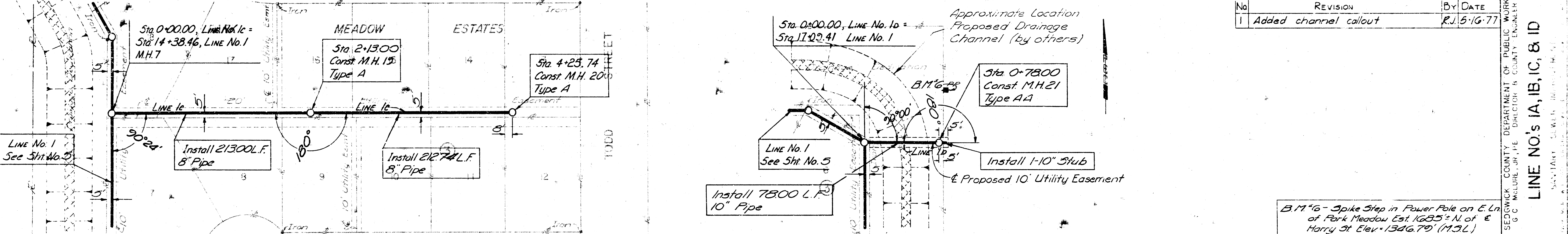
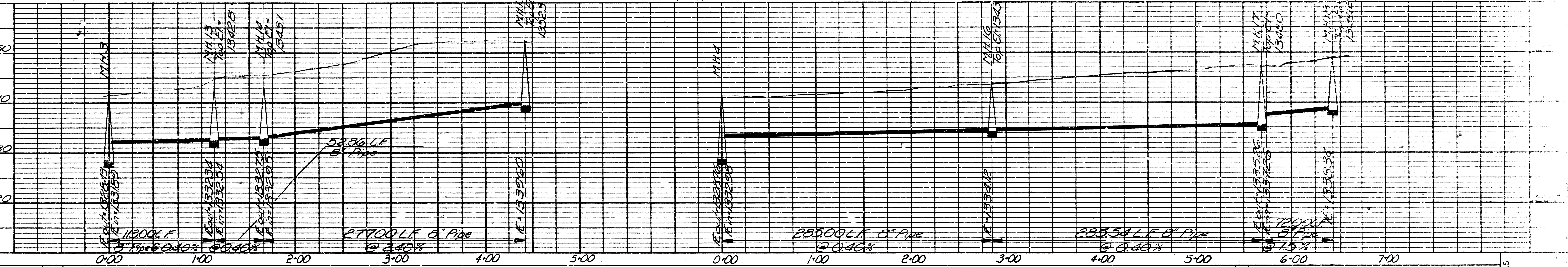
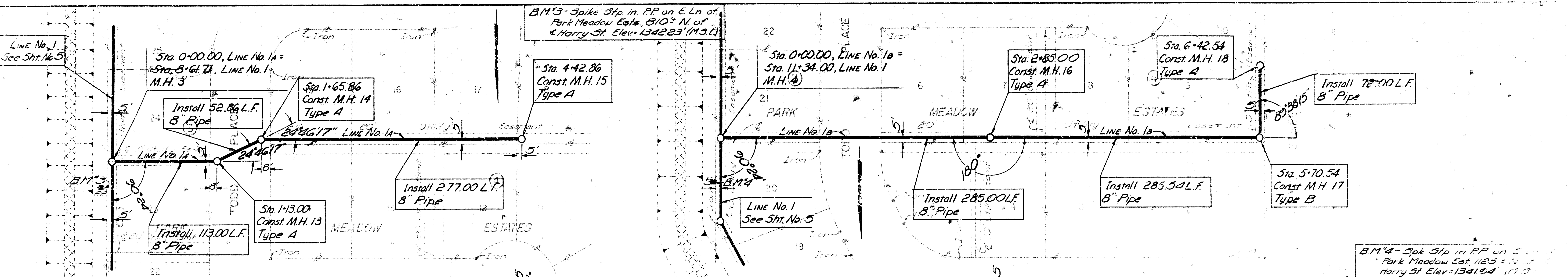
PRECAST MANHOLES

PRECAST MANHOLES MAY BE SUBSTITUTED FOR THE 8" THICK CAST-IN-PLACE MANHOLES. THE MANHOLE BASE AND OUTSIDE MANHOLE PIPE SUPPORTS FOR PRECAST MANHOLES WILL BE THE SAME AS SHOWN FOR CAST-IN-PLACE MANHOLES.

1. THE MANHOLE SHALL BE SET 4" INTO THE MANHOLE BASE.
2. THE MANHOLE SHALL BE SET 4" INTO THE MANHOLE BASE.
3. THE MANHOLE SHALL BE SET 4" INTO THE MANHOLE BASE.
4. THE MANHOLE SHALL BE SET 4" INTO THE MANHOLE BASE.
5. THE MANHOLE SHALL BE SET 4" INTO THE MANHOLE BASE.
6. THE MANHOLE SHALL BE SET 4" INTO THE MANHOLE BASE.
7. THE MANHOLE SHALL BE SET 4" INTO THE MANHOLE BASE.
8. THE MANHOLE SHALL BE SET 4" INTO THE MANHOLE BASE.
9. THE MANHOLE SHALL BE SET 4" INTO THE MANHOLE BASE.
10. THE MANHOLE SHALL BE SET 4" INTO THE MANHOLE BASE.

STANDARD MANHOLES TYPE "E-A", "E-B", AND "E-C" MAY BE BID IN LIEU OF STANDARD MANHOLES "A and AA", "B and BB", AND "C and CC", RESPECTIVELY.

1 Revised mortar coat per KDHE		RJ 5-10-77	
No.	Revision	By	Date
SEDGWICK COUNTY DEPARTMENT OF PUBLIC WORKS G. C. McLURE, JR., P.E. DIRECTOR & COUNTY ENGINEER			
SANITARY SEWER DETAILS			
SANITARY SEWER IMPROVEMENTS PARK MEADOW ESTATES LATERAL SEWER DISTRICT SEDGWICK COUNTY, KANSAS			
PROFESSIONAL ENGINEERING CONSULTANTS, P.A.			
ENGINEERS WICHITA, KANSAS			
Designed by	Job No. 76426	Sht. 4 of 4	
Drawn by	Date 3/21/77		



No.	REVISION	By	DATE
1	Added channel callout	RJ	5-16-77

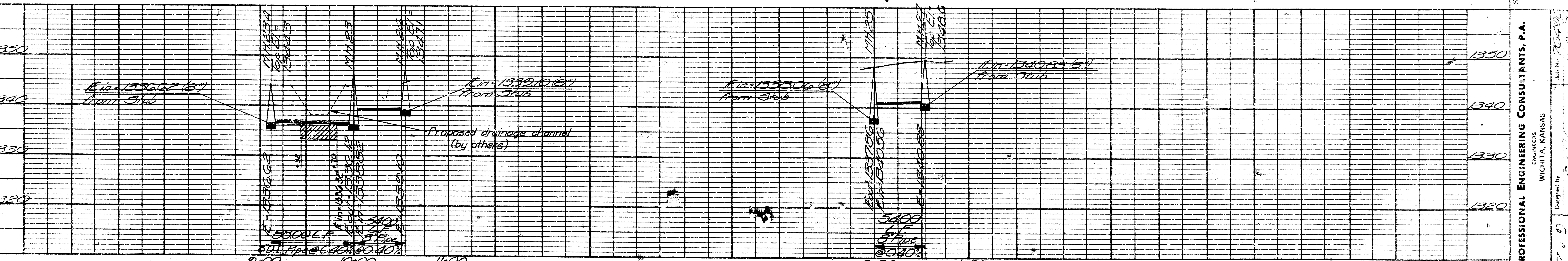
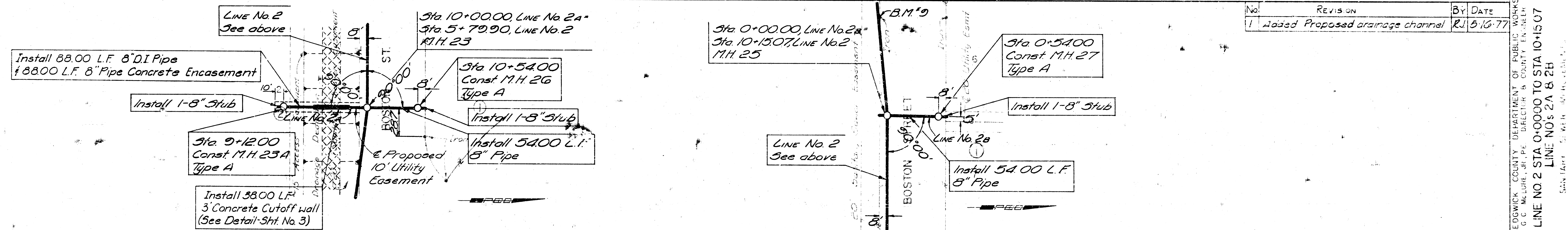
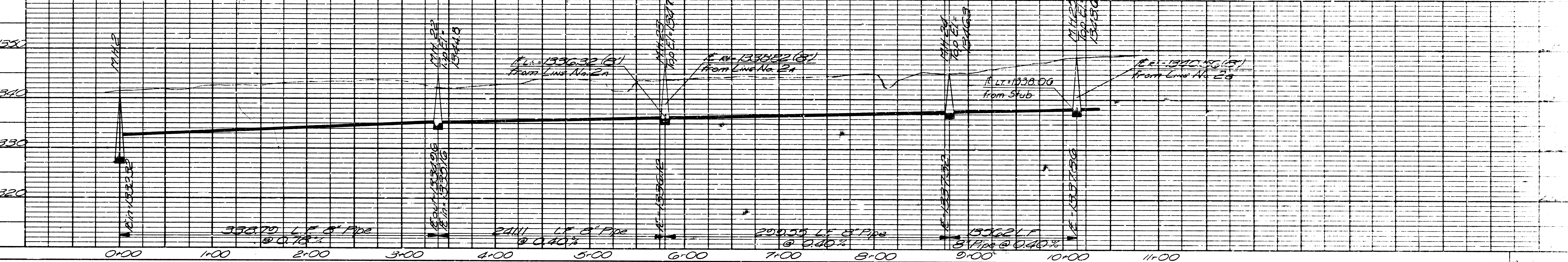
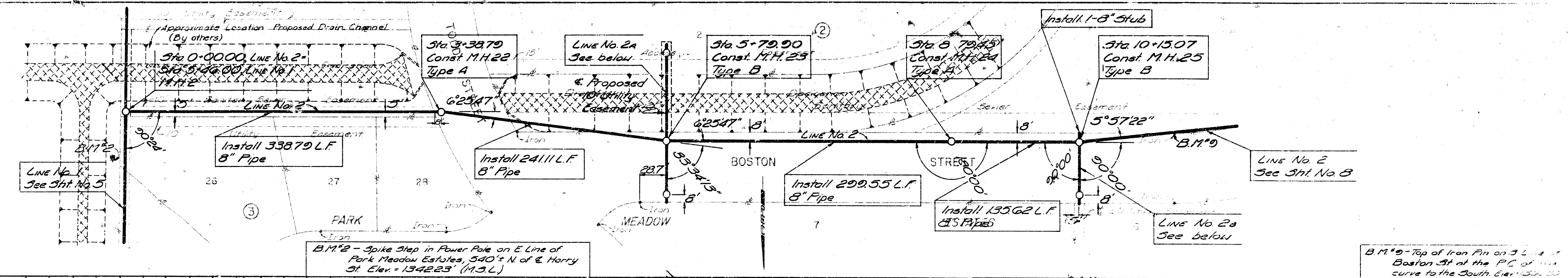
SEDGWICK COUNTY DEPARTMENT OF PUBLIC WORKS
G. C. McLEURE, JR., P.E. DIRECTOR & COUNTY ENGINEER

LINE NO's 1A, 1B, 1C, & 1D

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEER
WICHITA, KANSAS

Drawn by: G. C. McLEURE, JR.
Checked by: G. C. McLEURE, JR.

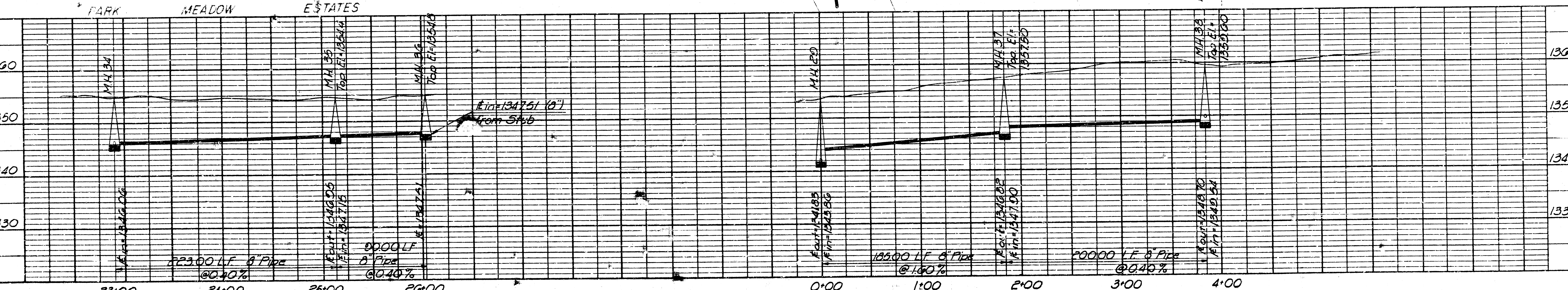
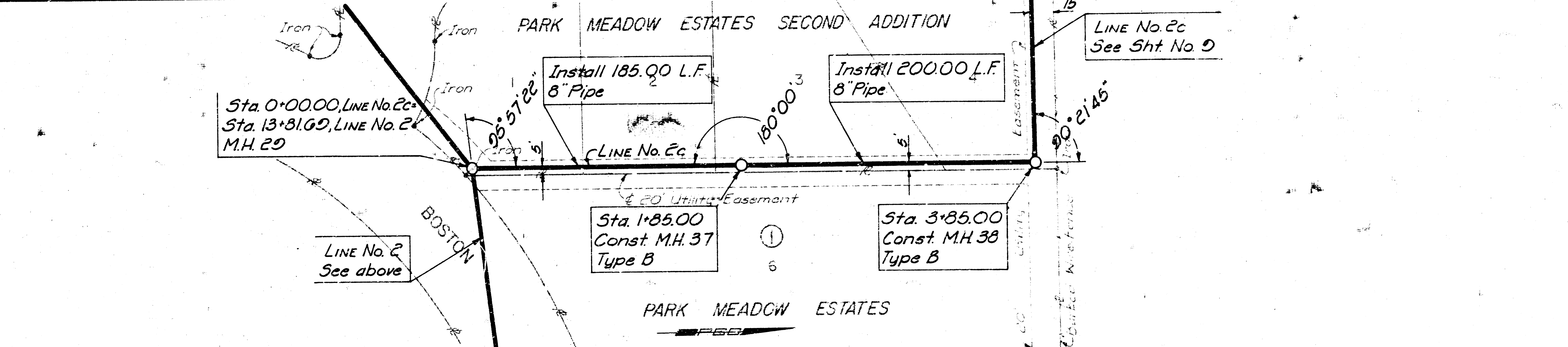
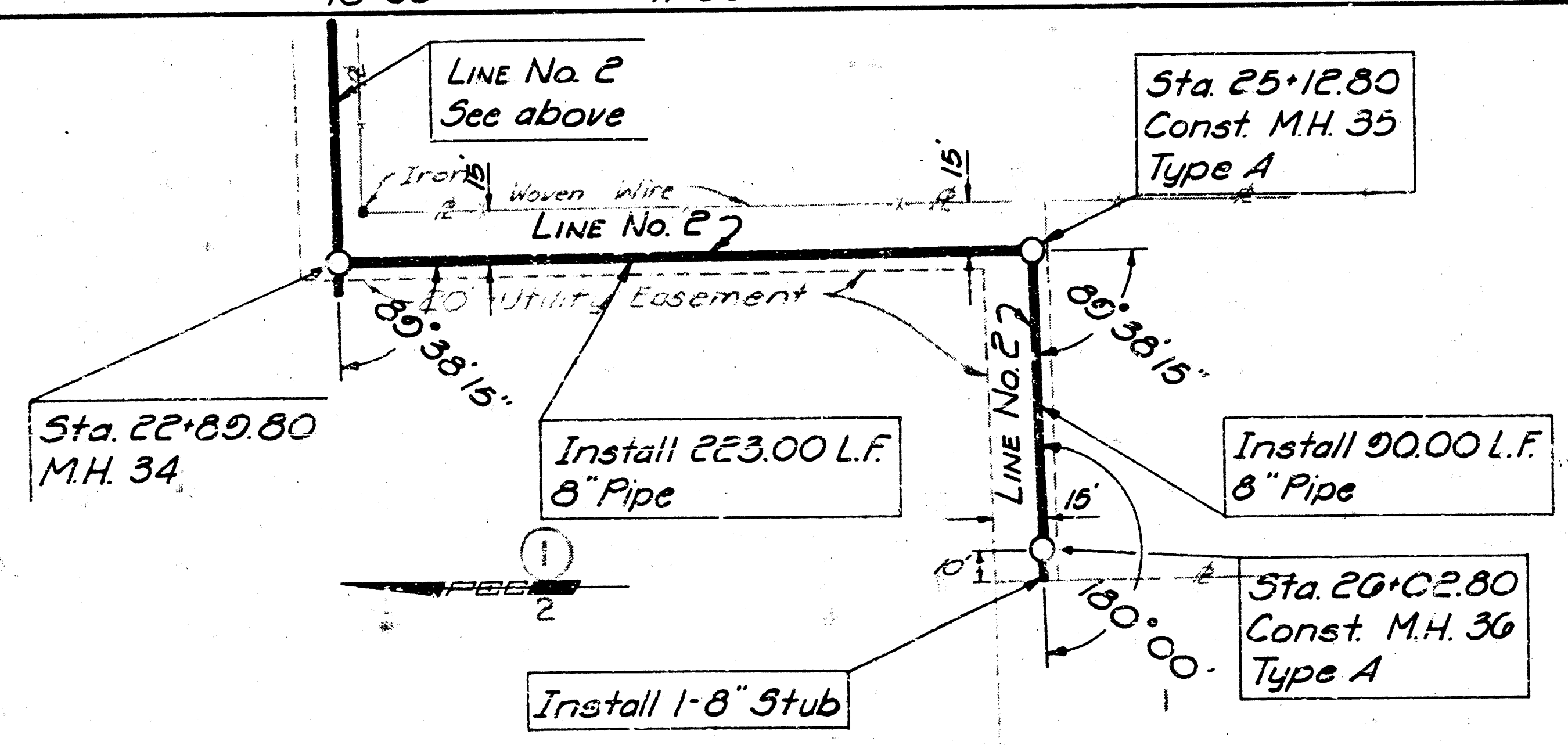
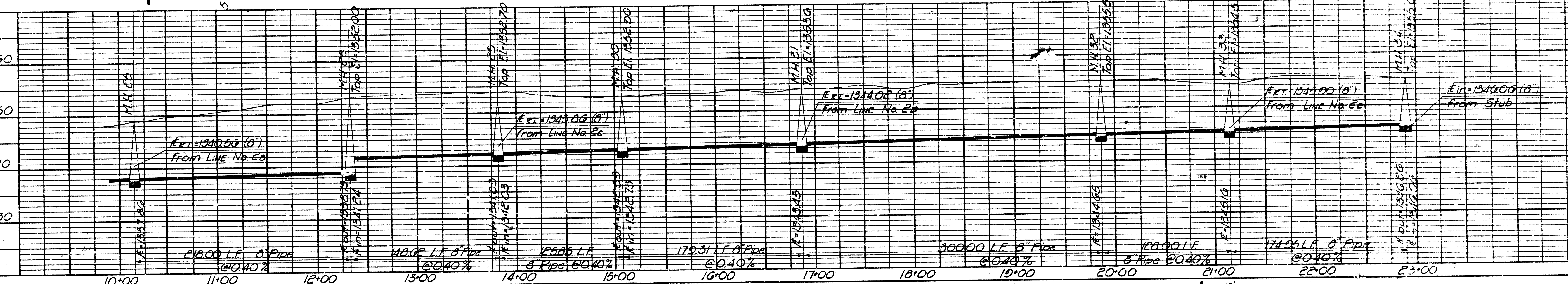
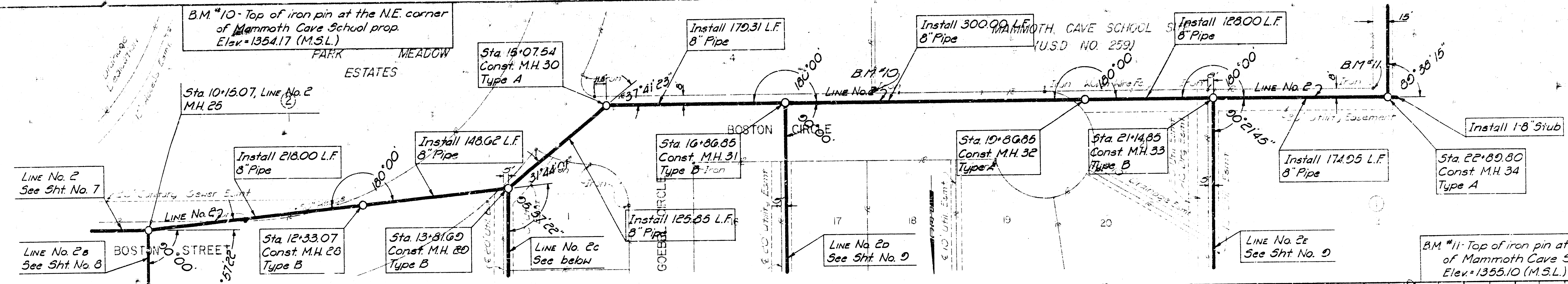
Scale: 1" = 40' (Horizontal)
1" = 10' (Vertical)



No.	REVISION	BY	DATE
1	Added Proposed drainage channel	RJ	5/16/77

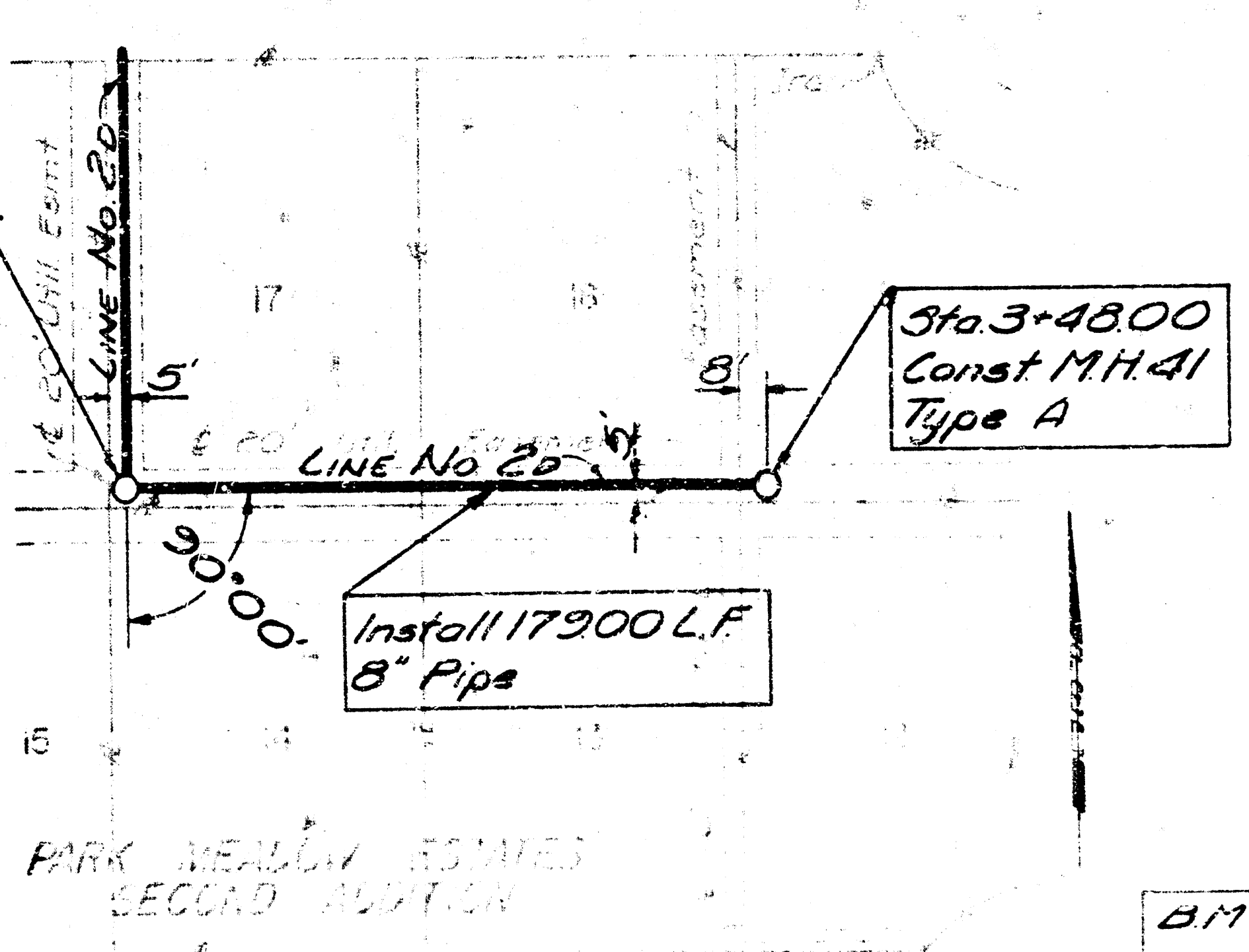
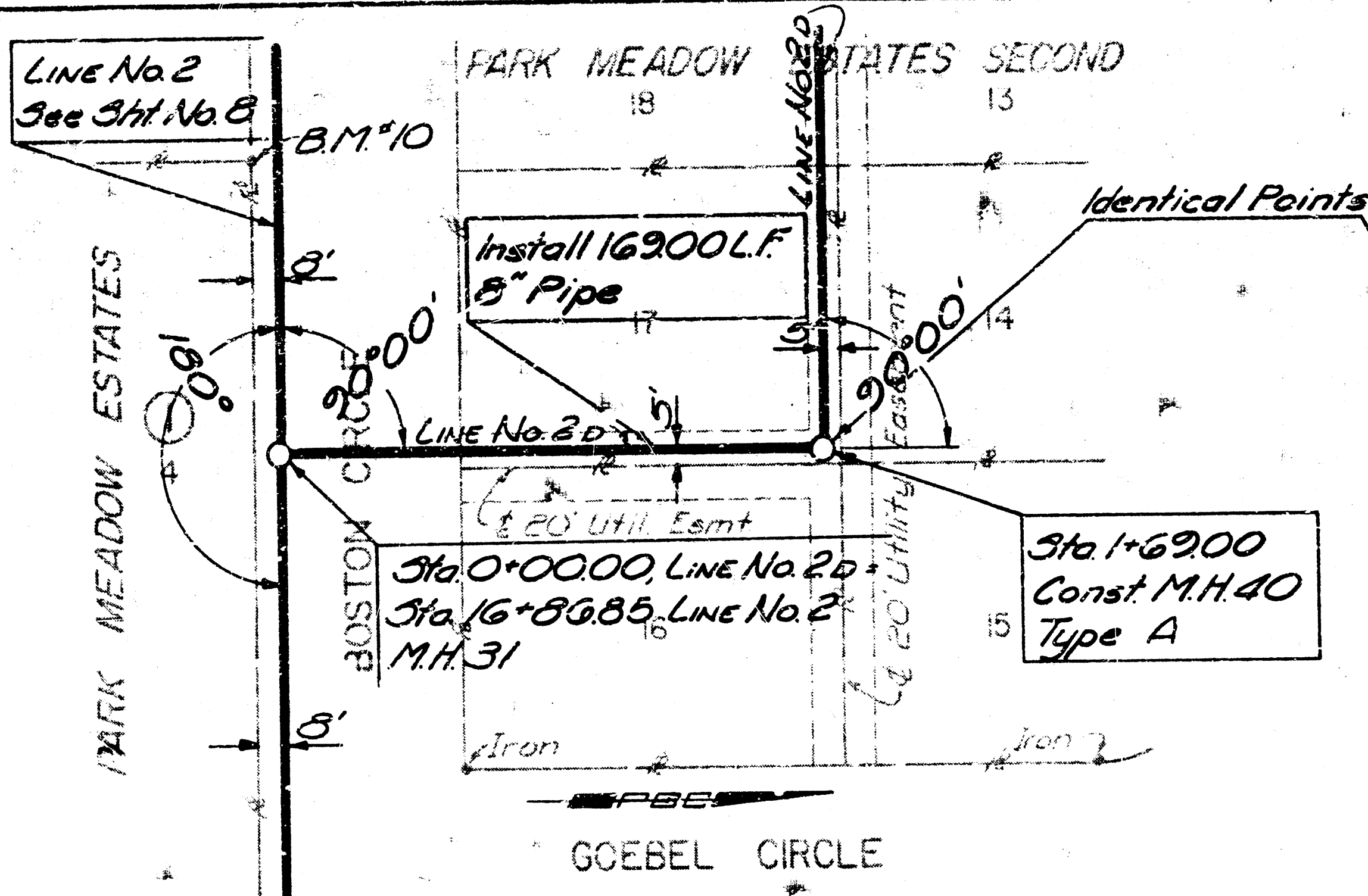
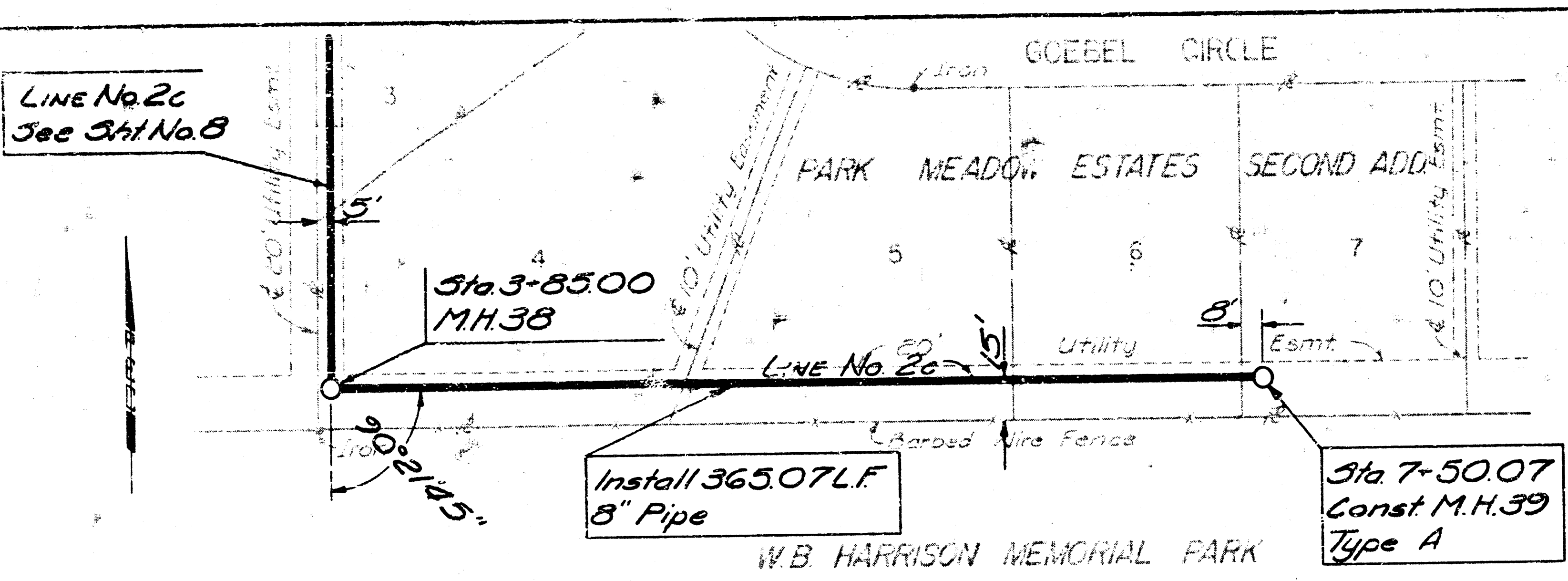
SEDDWICK COUNTY DEPARTMENT OF PUBLIC WORKS
G. C. McLORE, JR., PE DIRECTOR & COUNTY ENGINEER
LINE NO. 2 STA 0+0000 TO STA 10+15.07
LINE NOS 2A & 2B

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEERS
WICHITA, KANSAS
Designed by
of 9

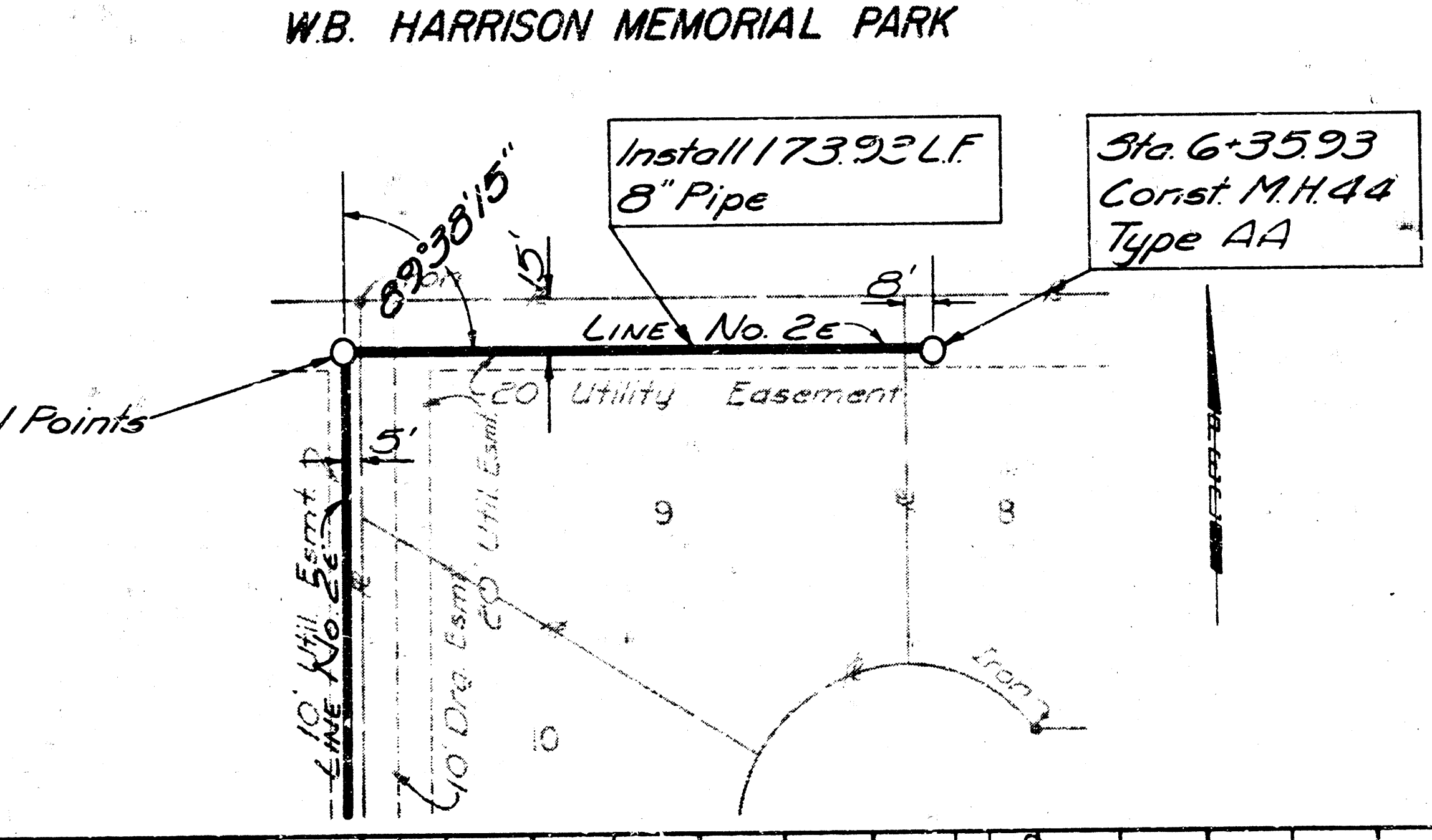
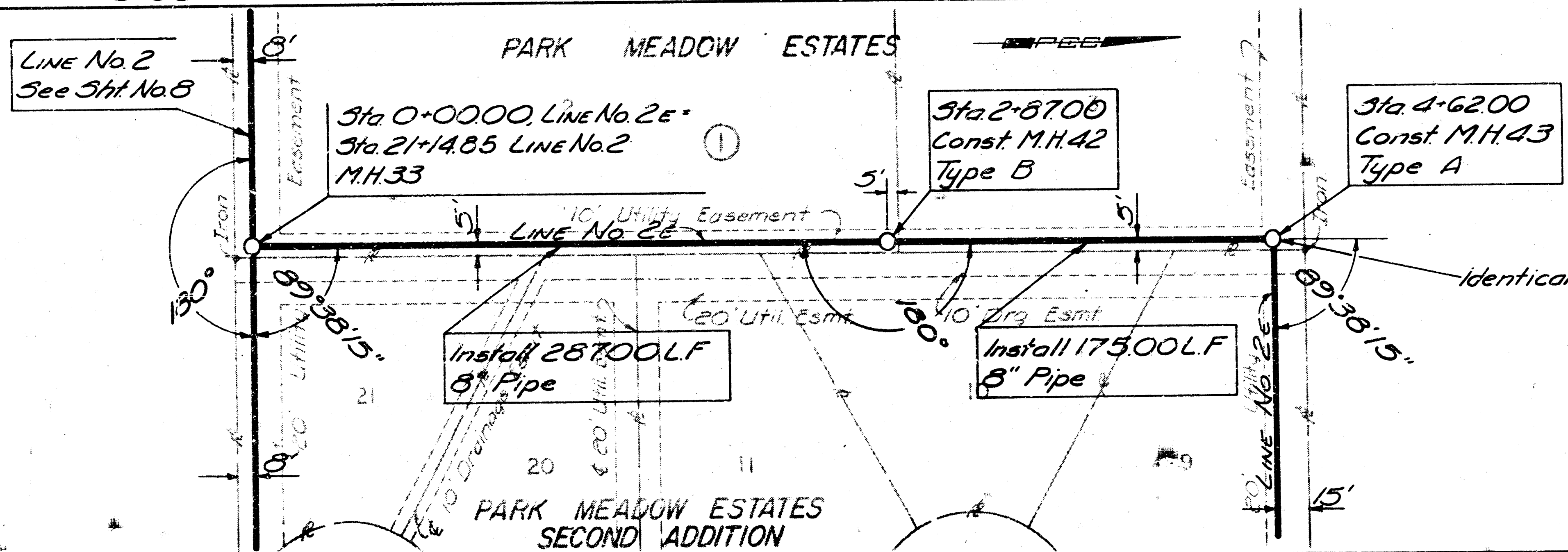
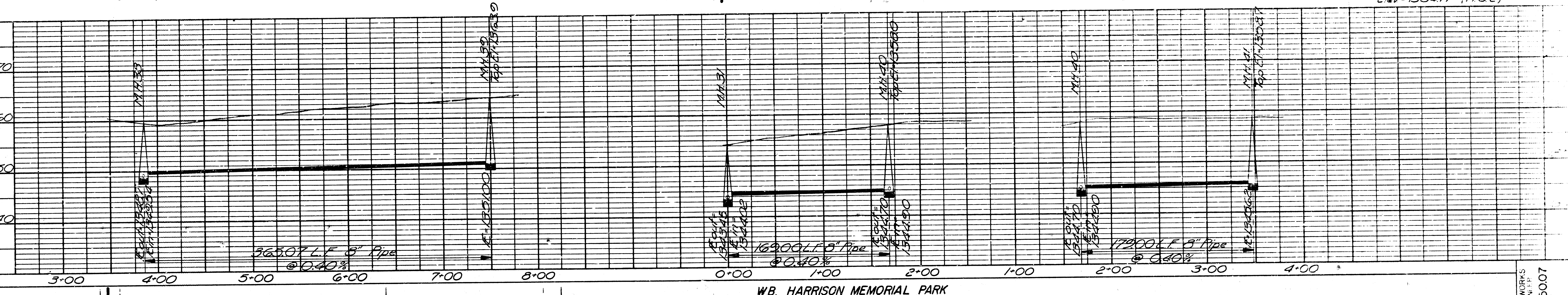


SEOGWICK COUNTY DEPARTMENT OF PUBLIC WORKS
G.C. MILLER, JR., P.E. DIRECTOR & COUNTY ENGINEER
LINE NO 2 STA 10+15.07 TO STA 26+02.80
LINE NO 2C STA 0+00.00 TO STA 3+85.00
Drawn by: G.L.K. M.D.S. Date: 7-10-77
Checked by: R.F.J.

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEER
WICHITA, KANSAS
Date: 7-10-77
Checked by: R.F.J.



BM#10 - Top of iron pin at the NW Corner of Mammoth Cave School Prop. Elev. 1354.17' (M.S.L.)



BM#11 - Top of iron pin at the NW Corner of Mammoth Cave School Prop. Elev. 1355.10' (M.S.L.)

