

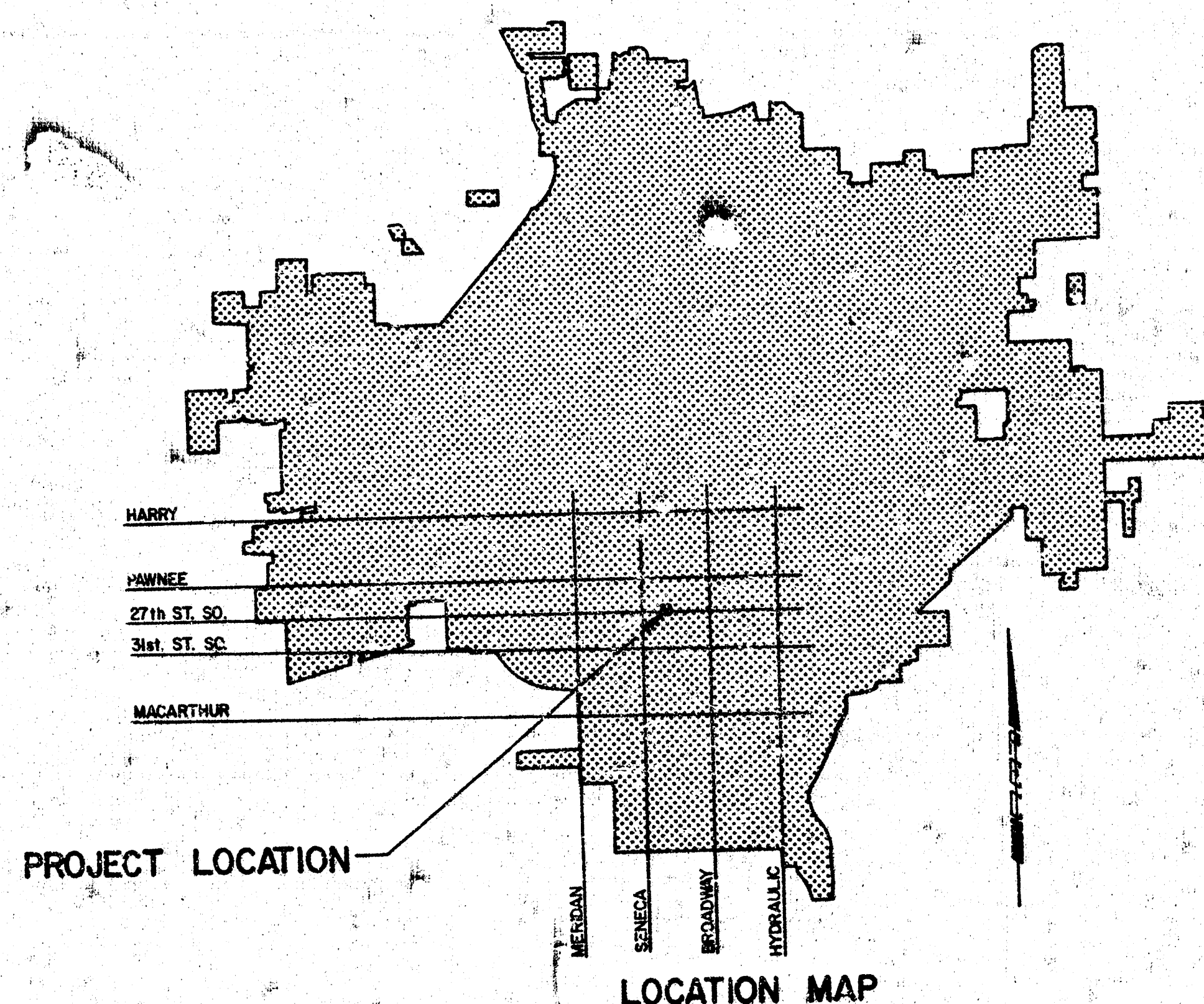
IMPROVEMENT PLANS FOR LIFT STATION NO. 7

LATERAL 2, SUBMAIN 4, SANITARY SEWER NO. 22 SOUTH
ON 27th ST. SOUTH BETWEEN SYCAMORE AND OAK

THE CITY OF WICHITA,
SEDGWICK COUNTY, KANSAS

INDEX OF SHEETS

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SHEET NO. 2	SITE LOCATION & SCHEDULES
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SHEET NO. 4	MODIFICATIONS
SHEET NO. 5	MISCELLANEOUS DETAILS
SHEET NO. 6	ELECTRICAL

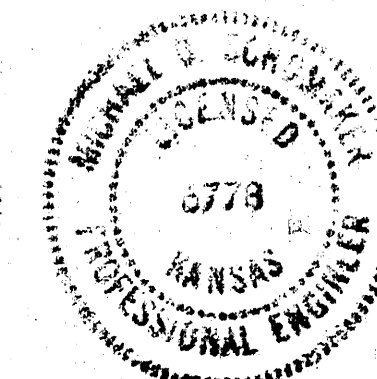
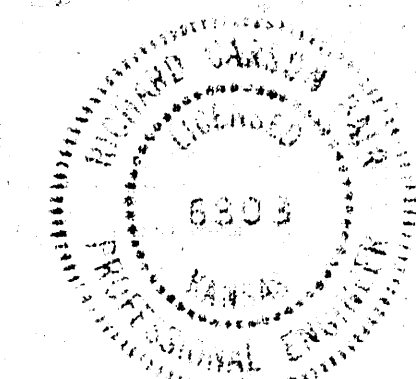


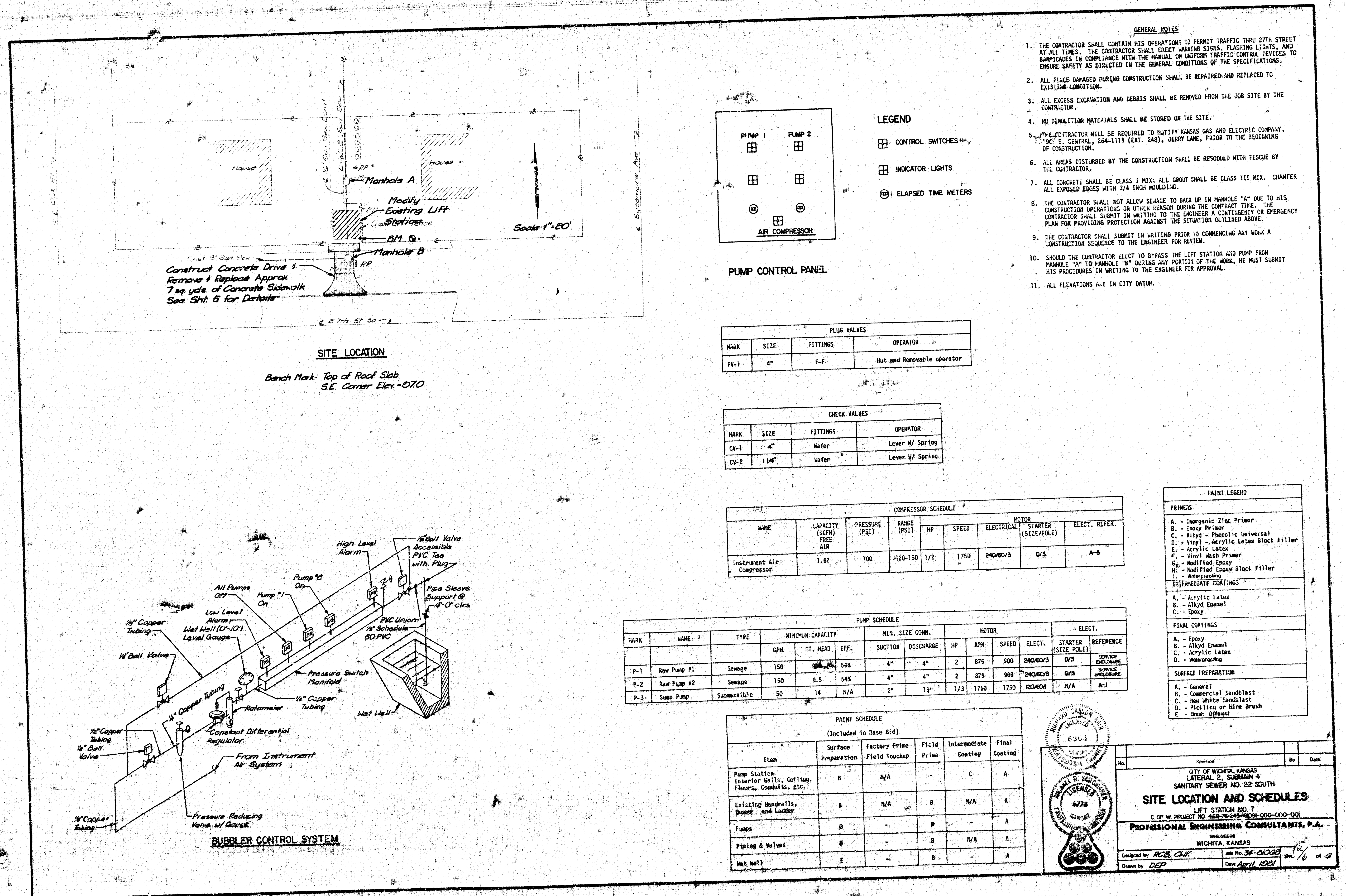
CITY OF WICHITA PROJECT NO. 468-76-245 - 81091 -000-000-001

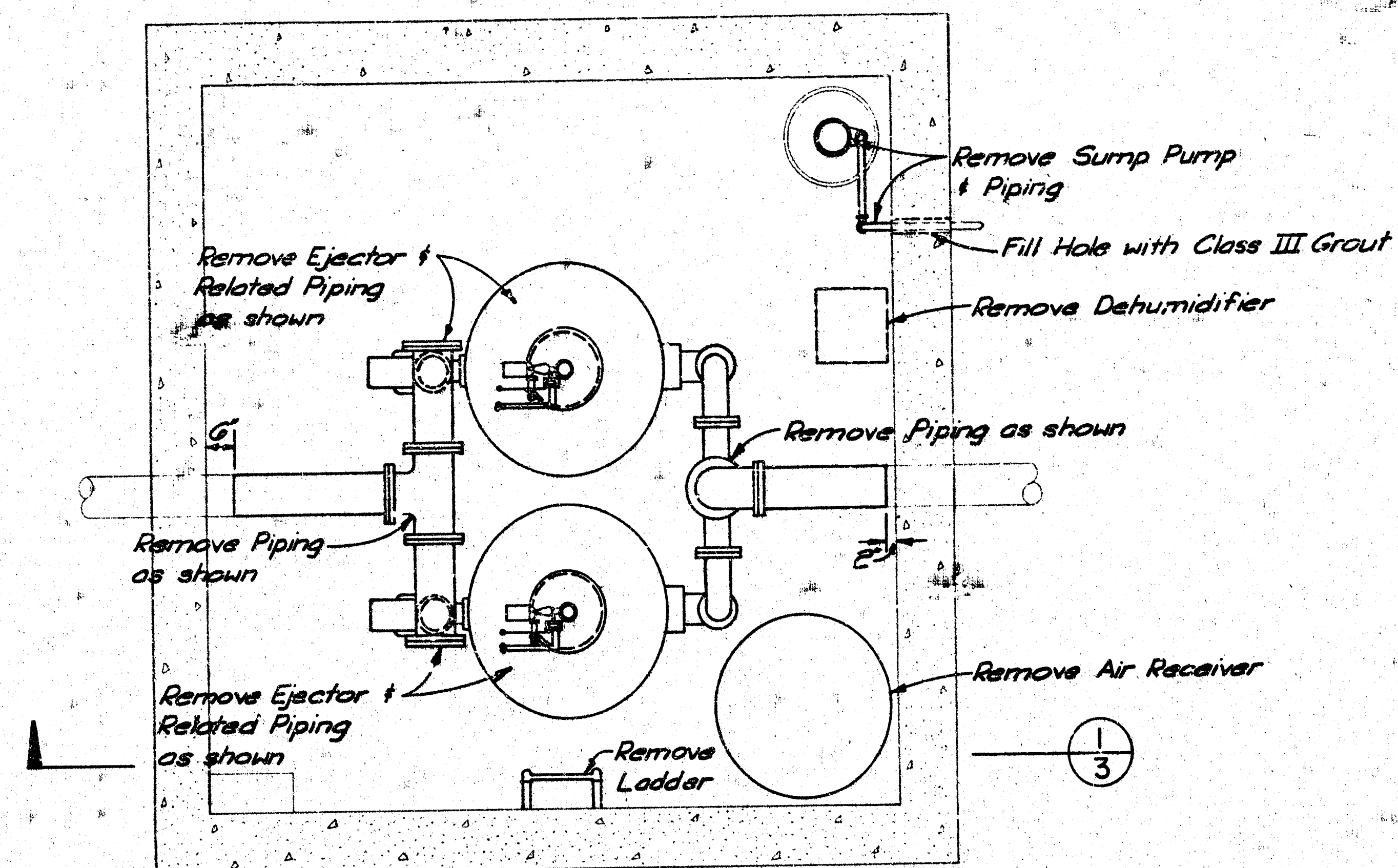
APRIL 1981

PLANS PREPARED BY

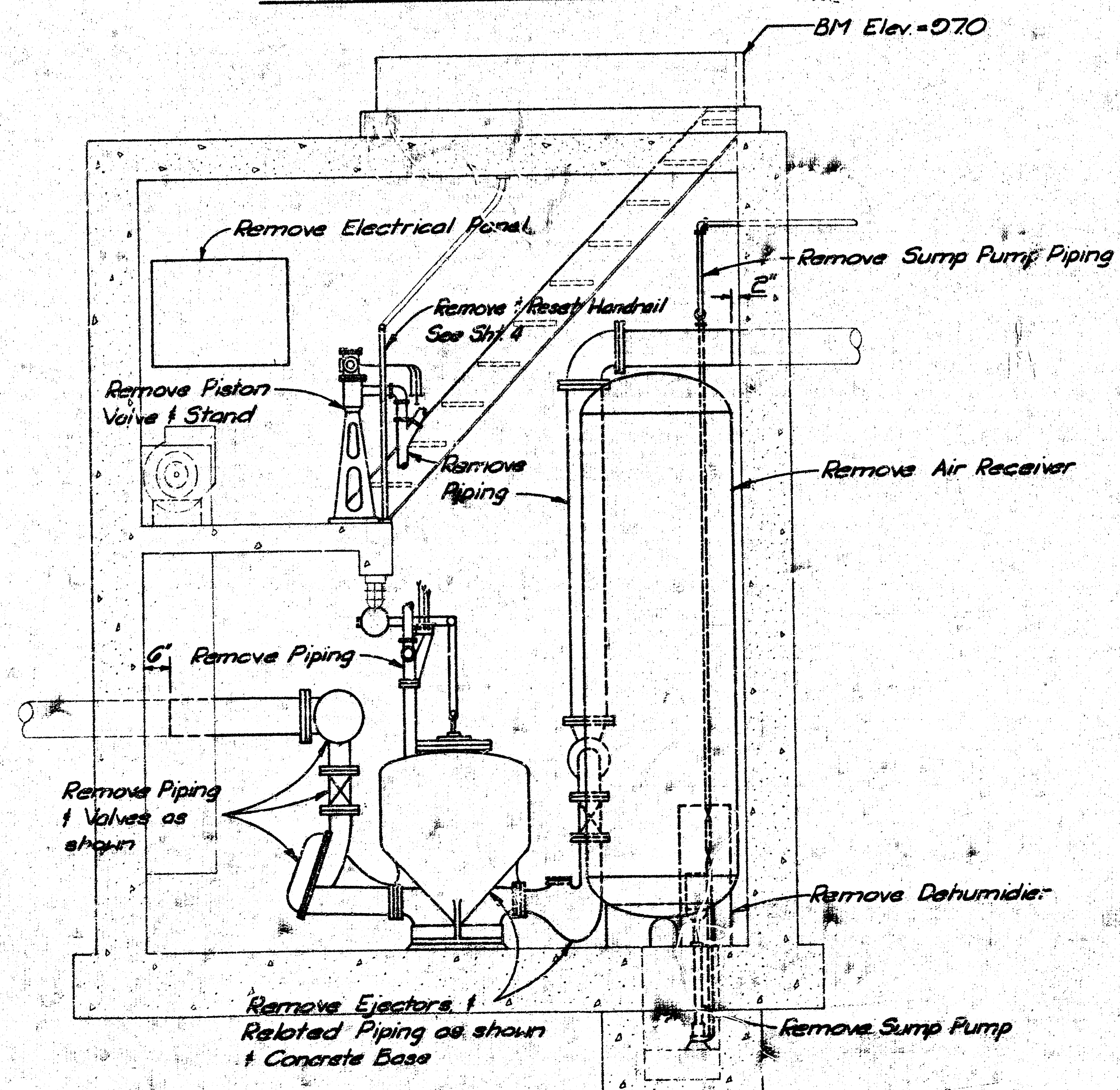
PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEERS
WICHITA, KANSAS



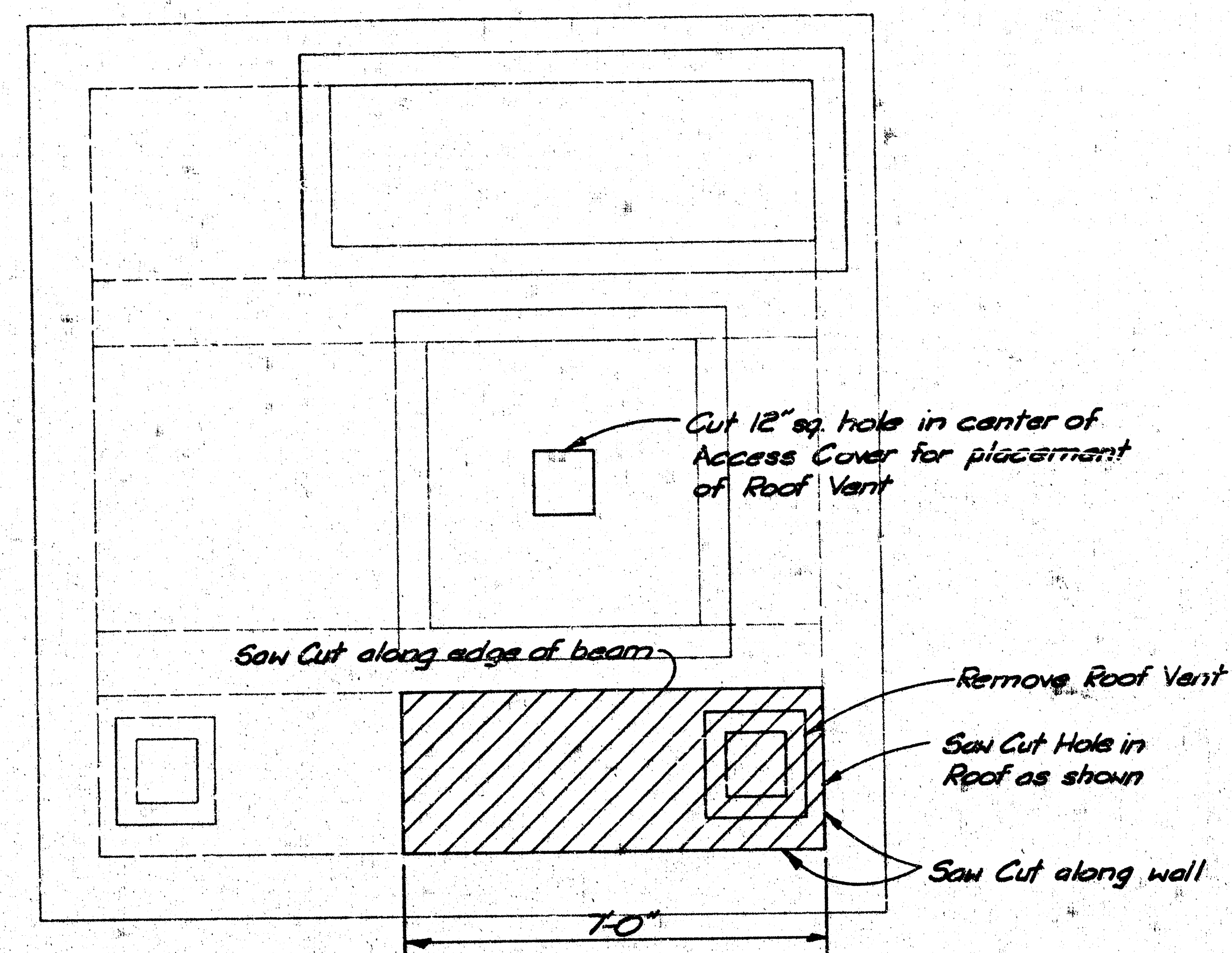




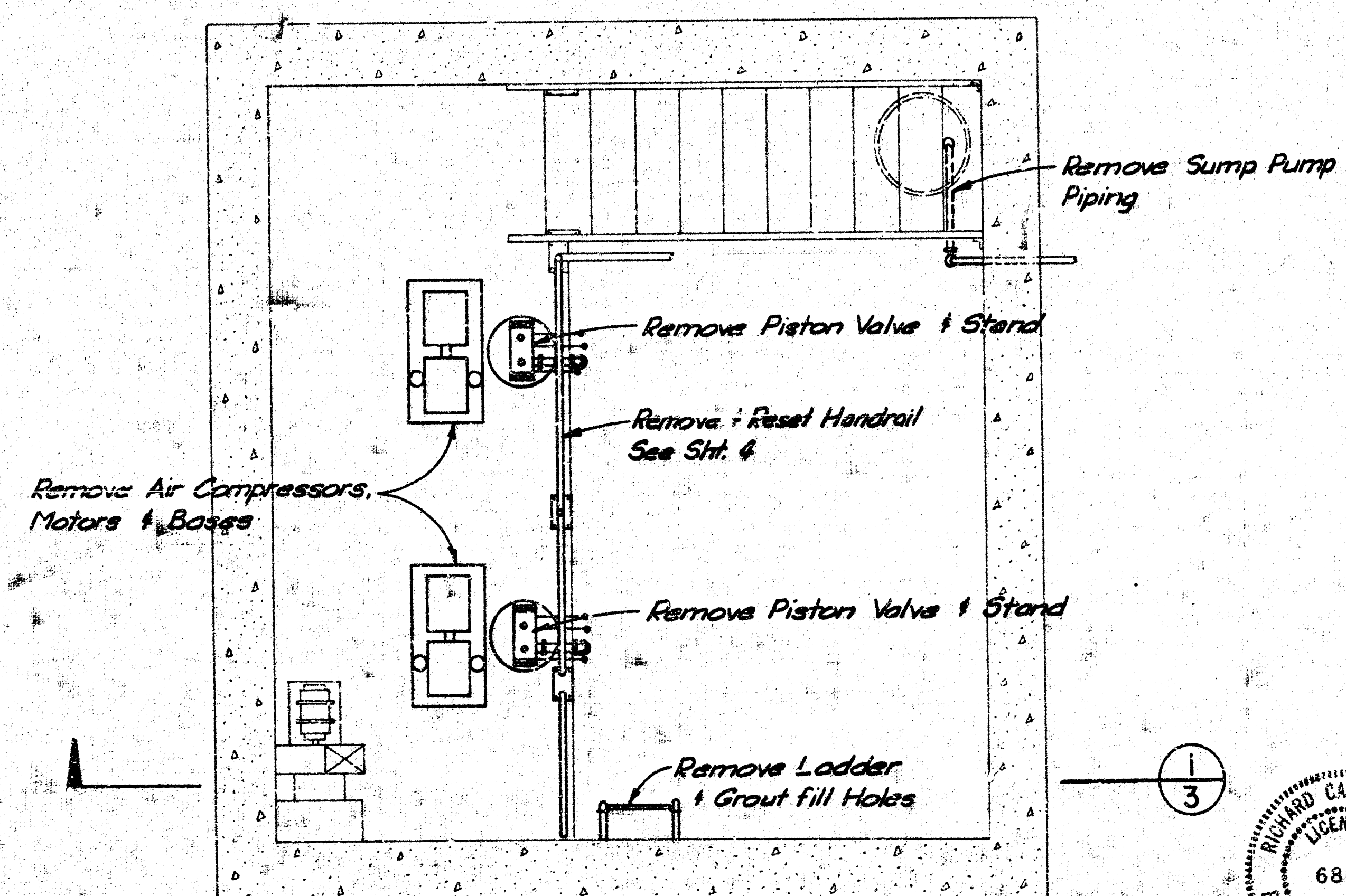
LOWER LEVEL FLOOR PLAN



SECTION 1/3



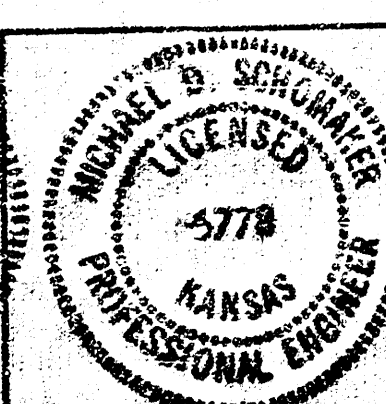
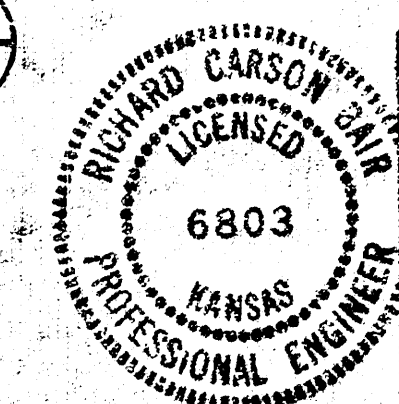
ROOF PLAN



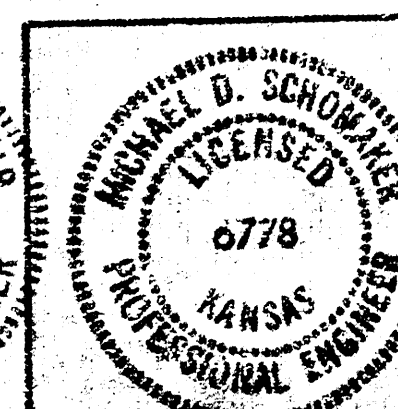
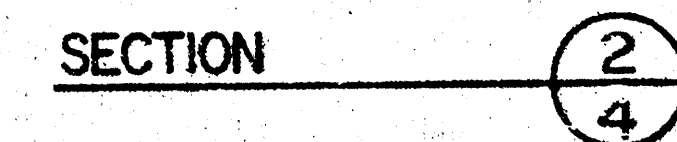
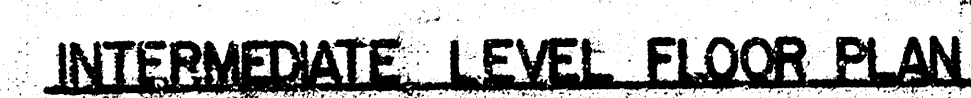
INTERMEDIATE LEVEL FLOOR PLAN

NOTE: All salvagable materials as determined by the engineer delivered to the City Maintenance Yards.

SCALE: 1/2" = 1'-0" (TYP)

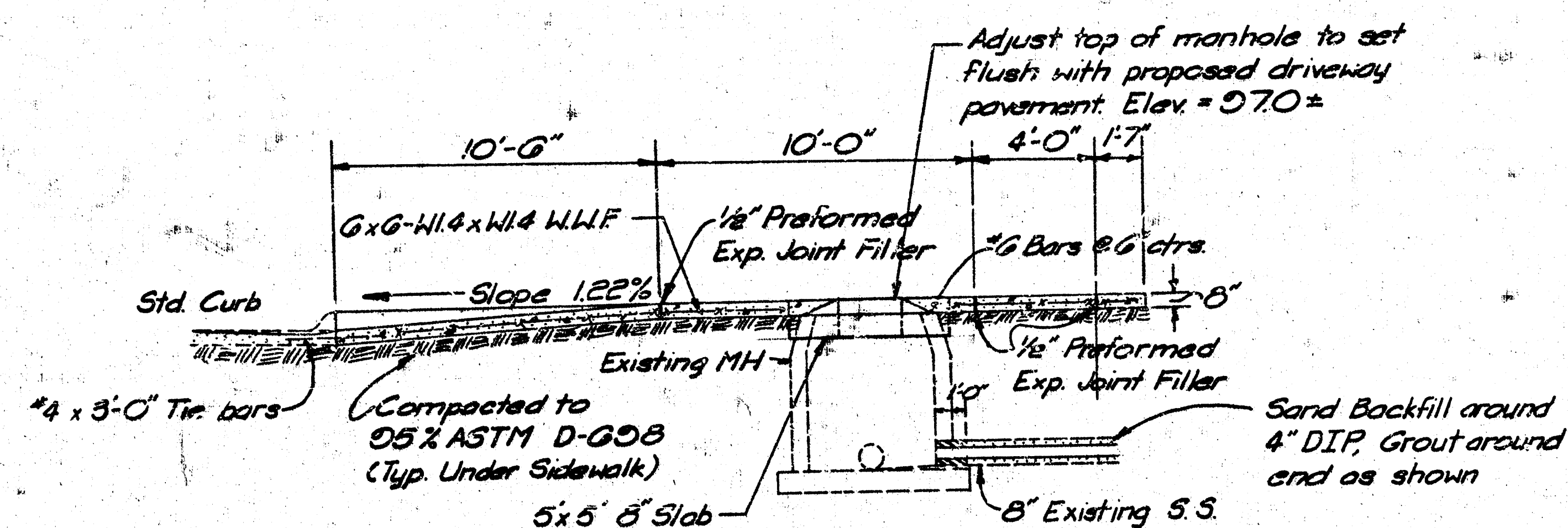


No.	Revision	By	Date
CITY OF WICHITA, KANSAS LATERAL 2, SUBMAIN 4 SANITARY SEWER NO. 22 SOUTH DEMOLITION LIFT STATION NO. 7 C. OF W. PROJECT NO. 468-76-245-8108-000-000-001 PROFESSIONAL ENGINEERING CONSULTANTS, P.A. ENGINEERS WICHITA, KANSAS			
Designed by	RCB, CNK	Job No.	34-21068
Drawn by	DFP	Date	April, 1981
		Sht.	3 of 6

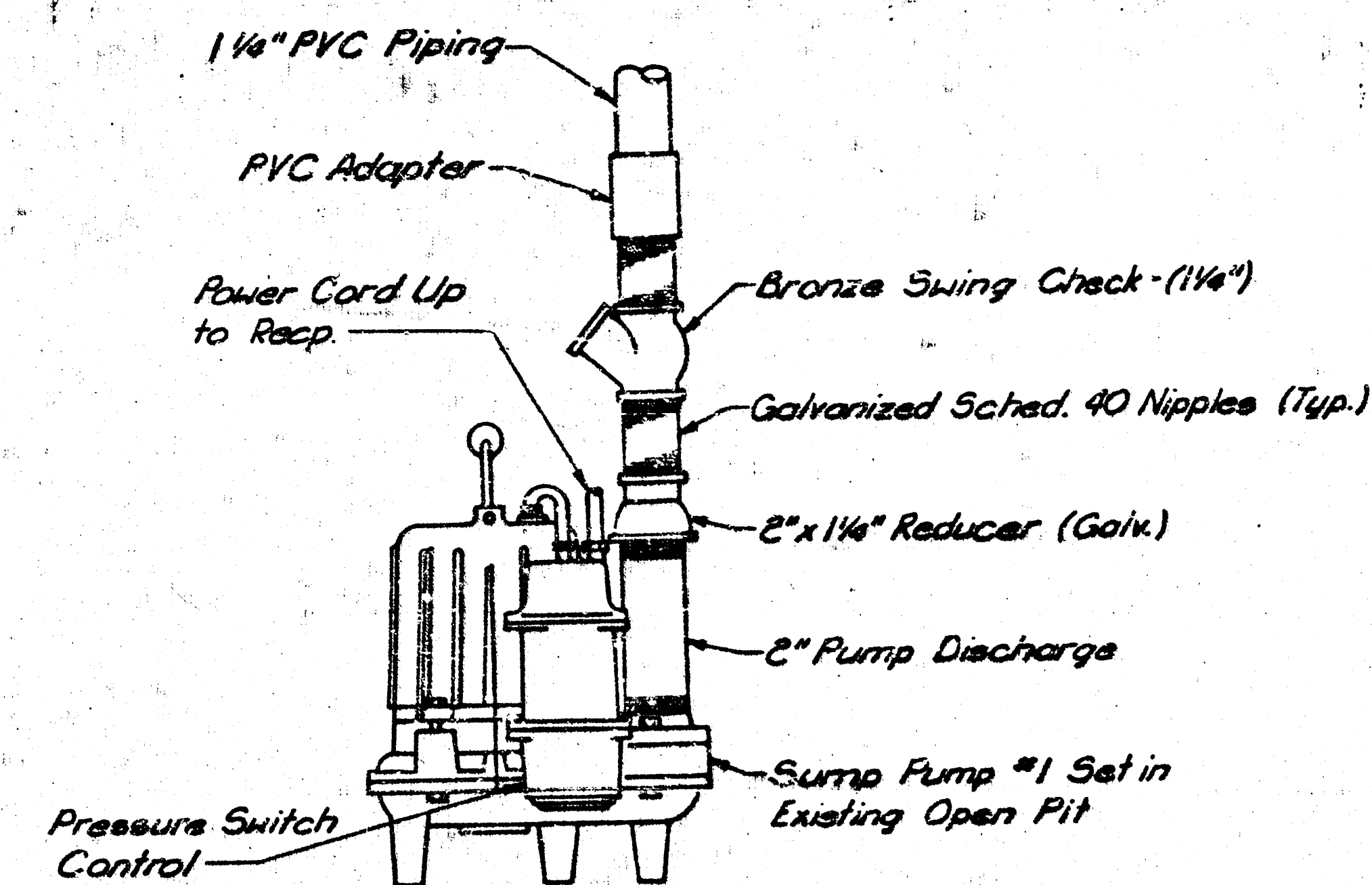


No.	Revision	Dr.	Date
	CITY OF WICHITA, KANSAS LATERAL 2, SUGMAN 4 SANITARY SEWER NO. 22 SOUTH MODIFICATIONS LIFT STATION NO. 7 C. OF W. PROJECT 100 469-76-245-10501-000-000-001 PROFESSIONAL ENGINEERING CONSULTANTS, P.A. ENGINEERS WICHITA, KANSAS		
Designed by <i>RCB, CLK</i>	Job No. <i>98-81068</i>	Sht. <i>4</i> of <i>6</i>	
Drawn by <i>CLK</i>	Date <i>April, 1981</i>		

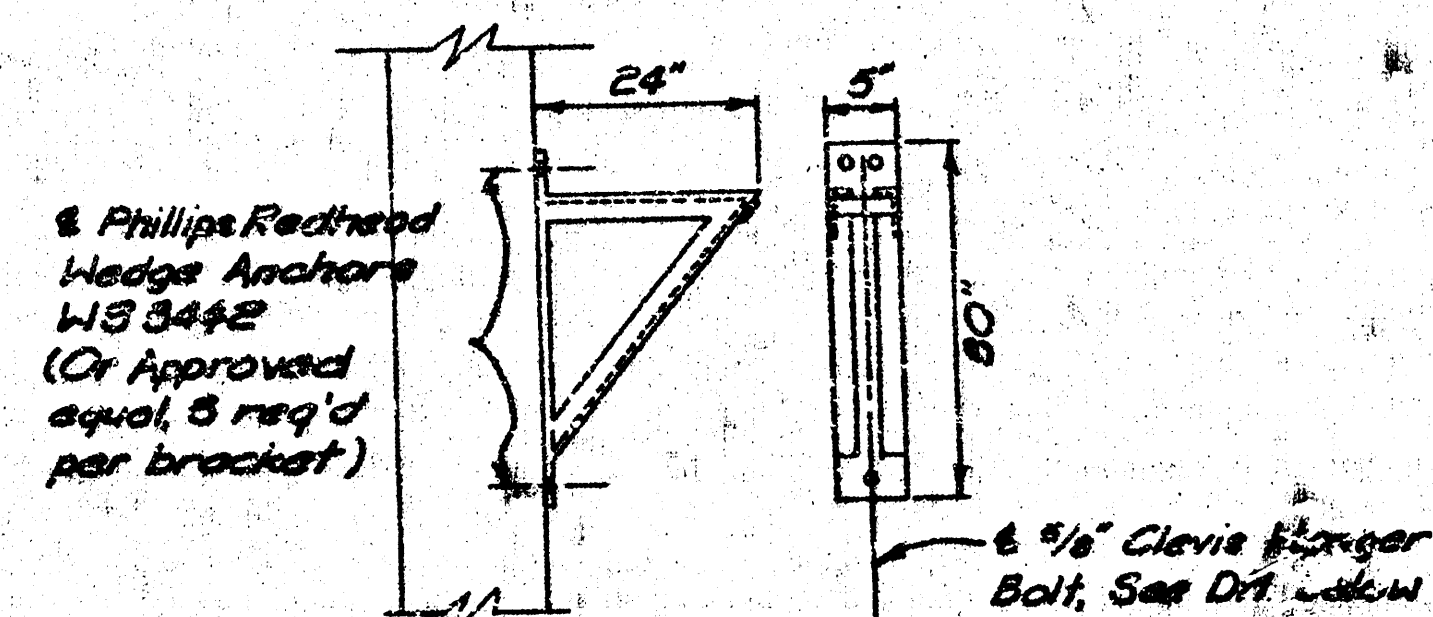
SCALE: 1/2" = 1'-0" (TYP)



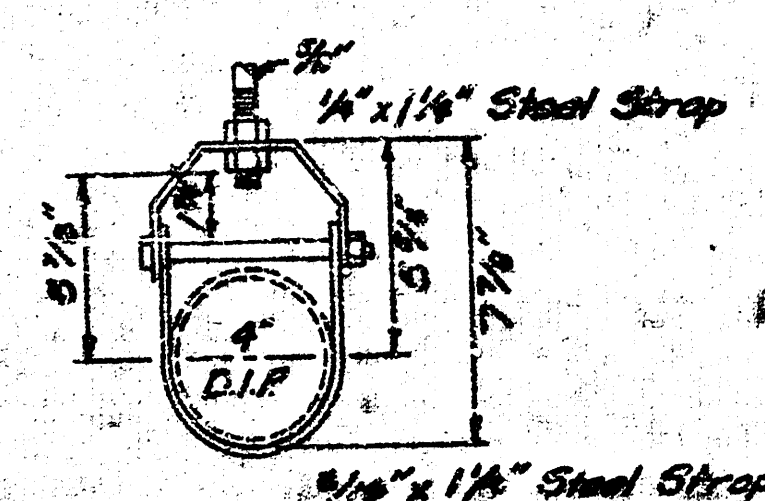
SECTION THRU DRIVE



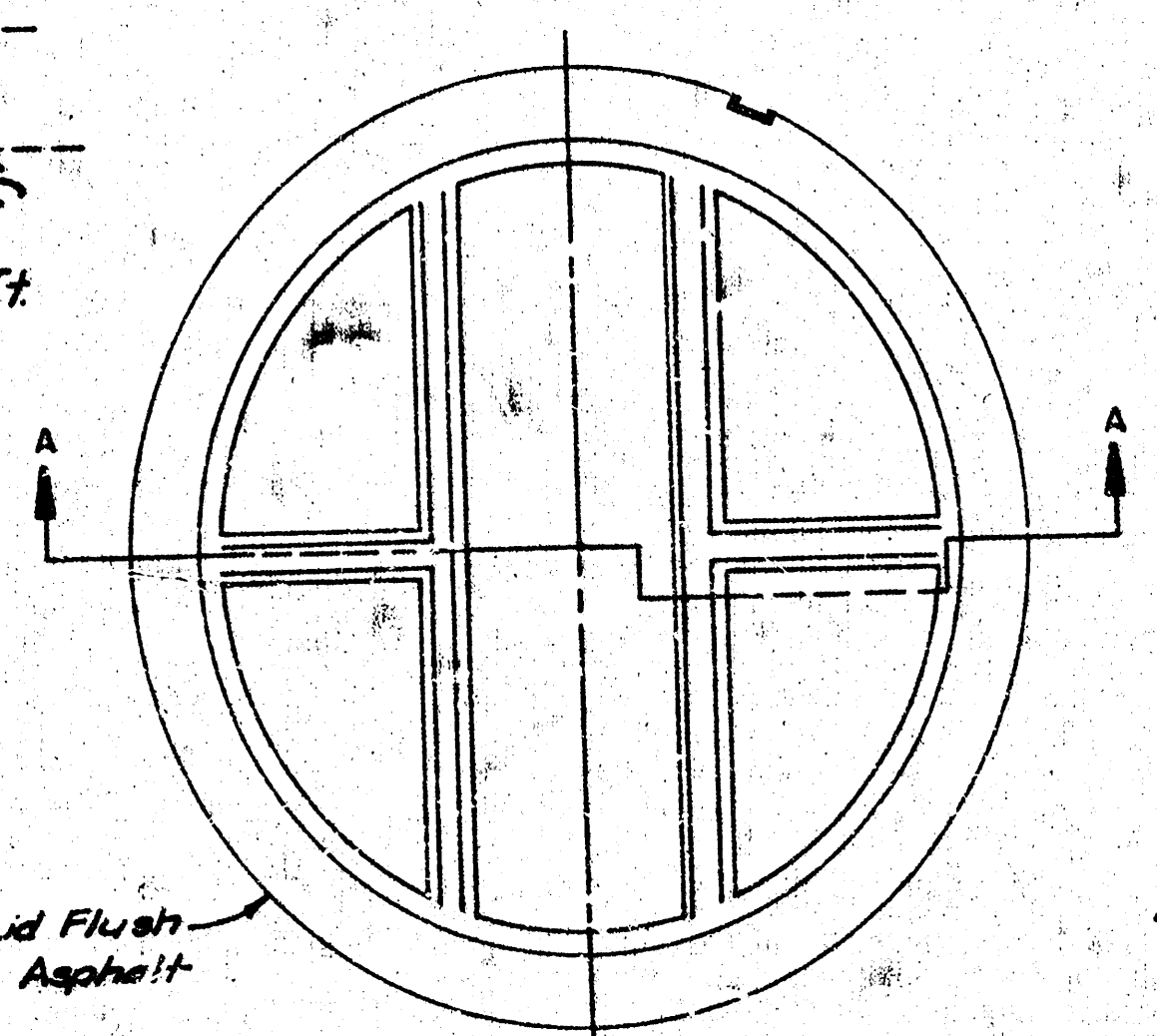
SUMP PUMP TYPING DETAIL (1)
NO SCALE 5



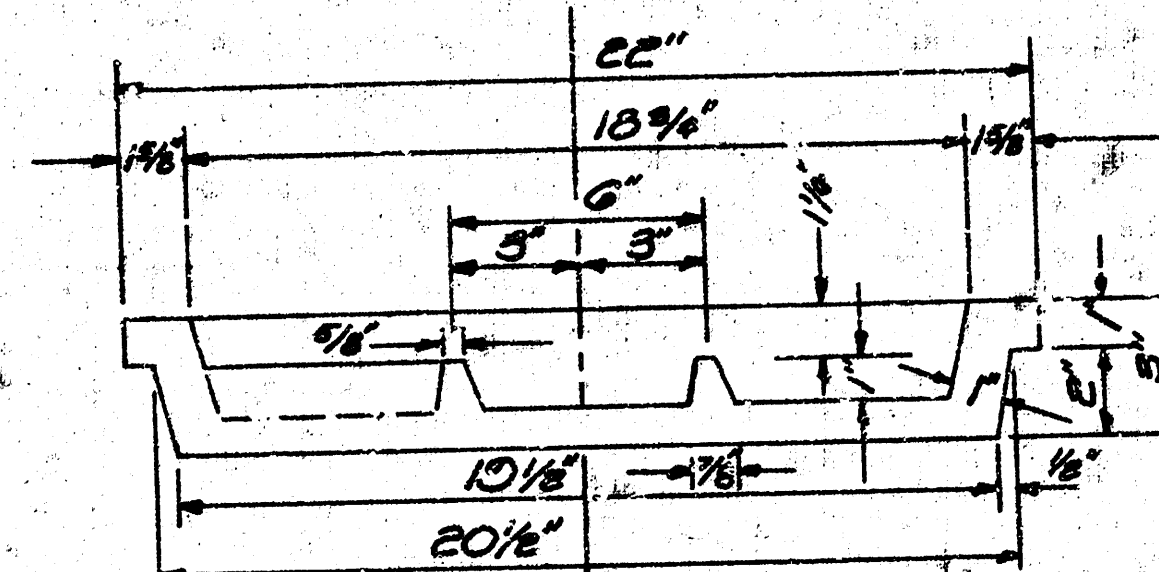
PIPE SUPPORT
BRACKET DETAIL



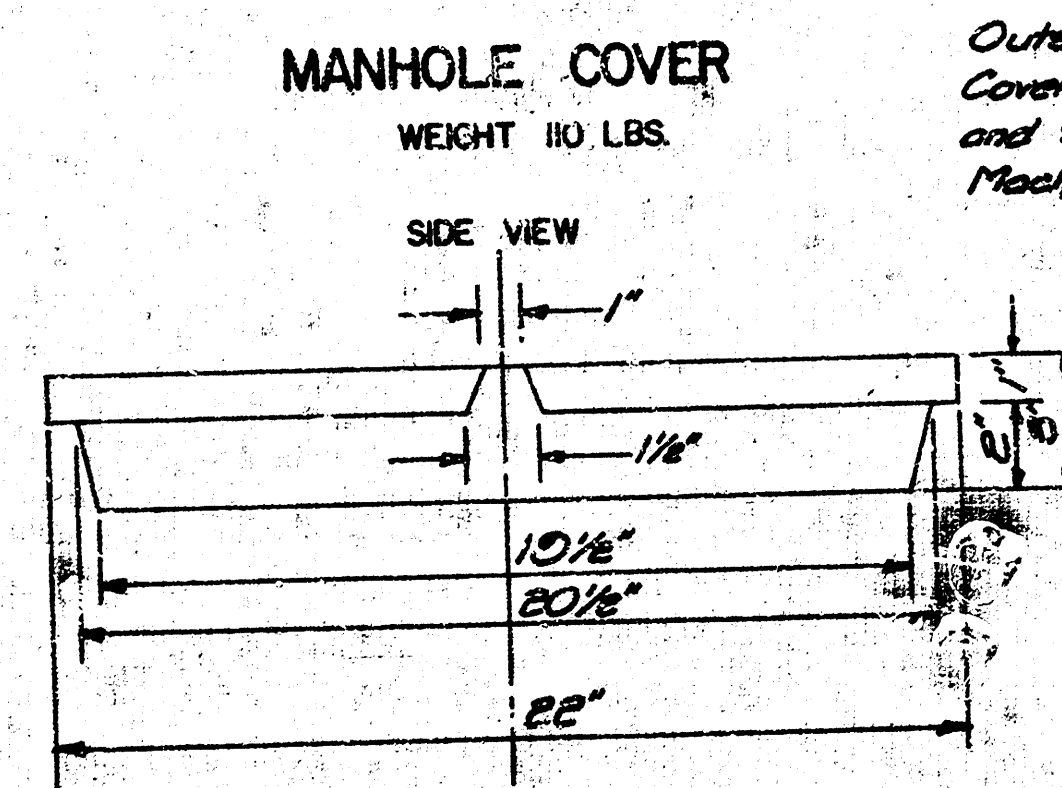
CLEVIS HANGER
DETAIL



TOP VIEW

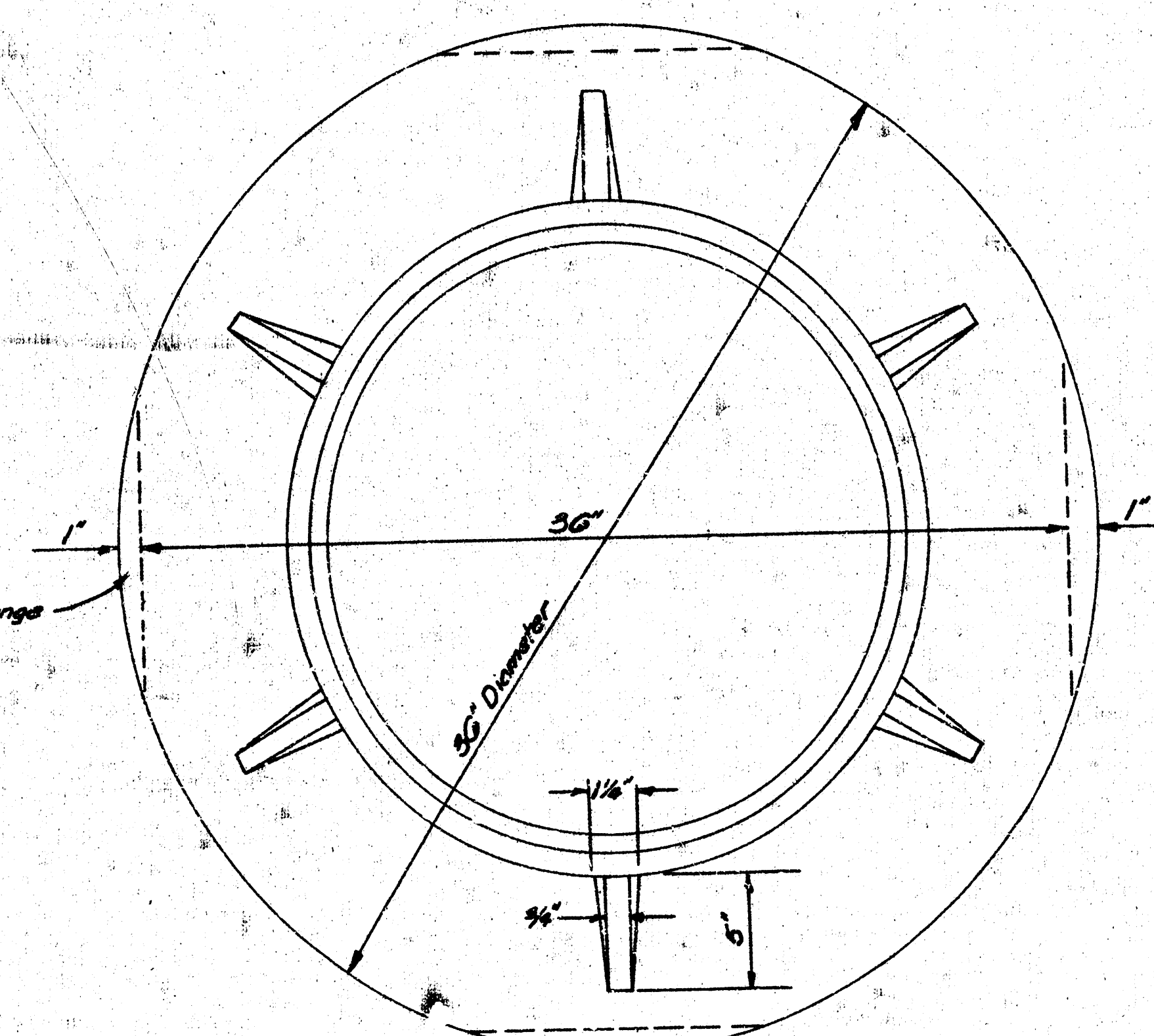


SECTION A-A



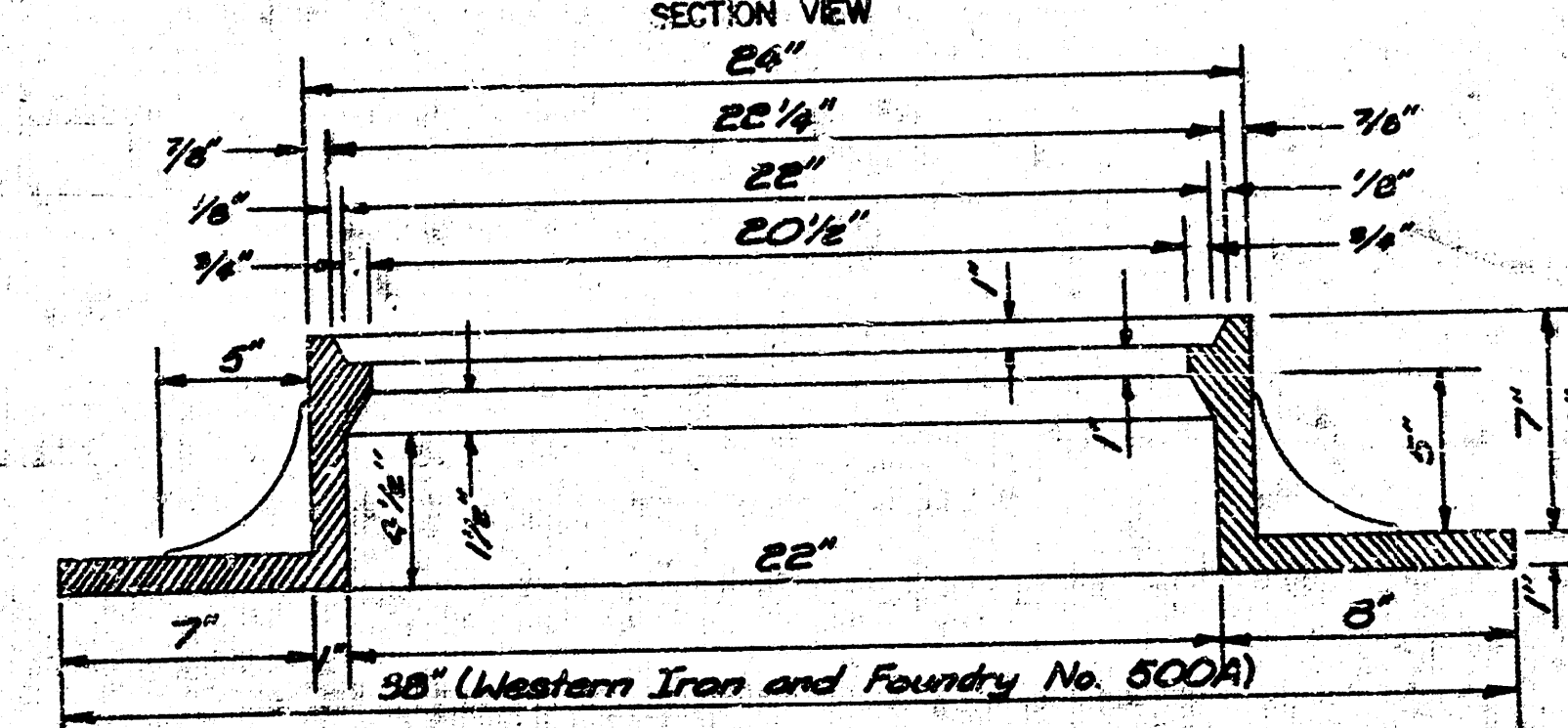
MANHOLE COVER
WEIGHT 110 LBS

Outside Circumference of
Cover and the Inner Face
and Seat of Ring to its
Machine fit.

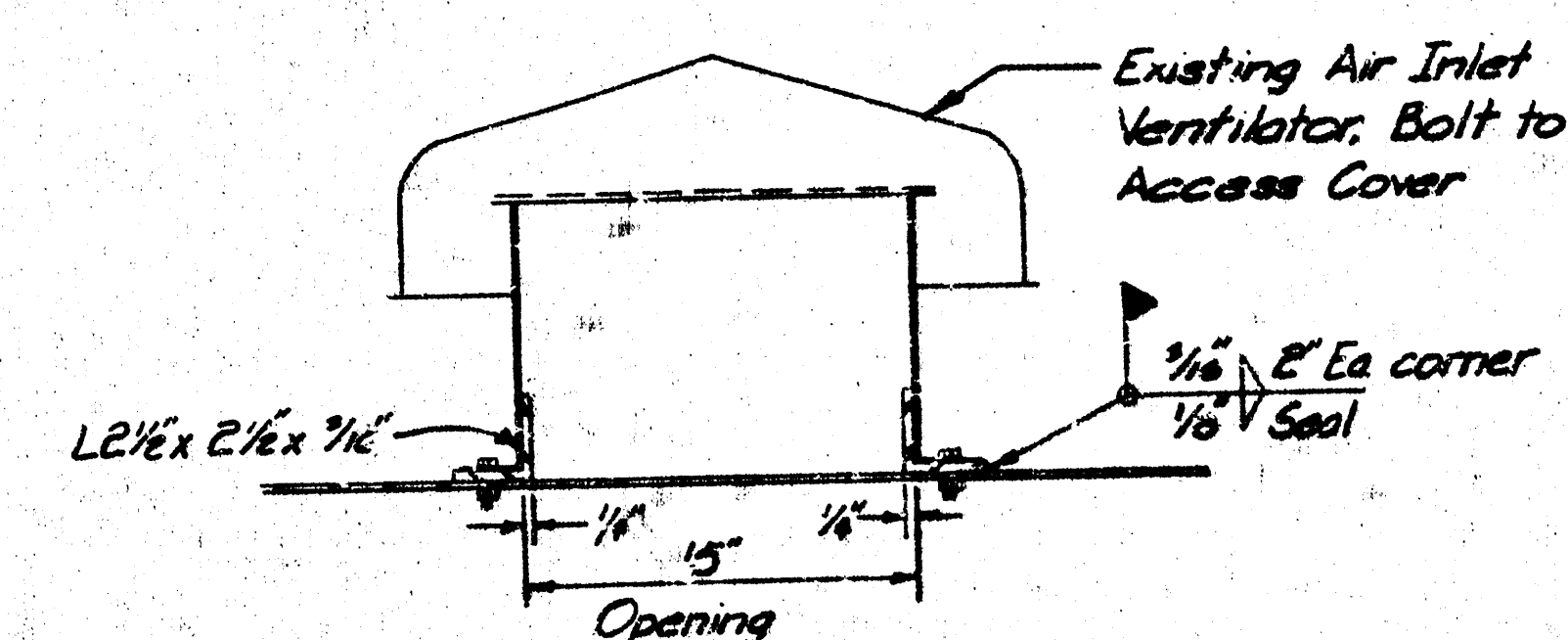


TOP VIEW

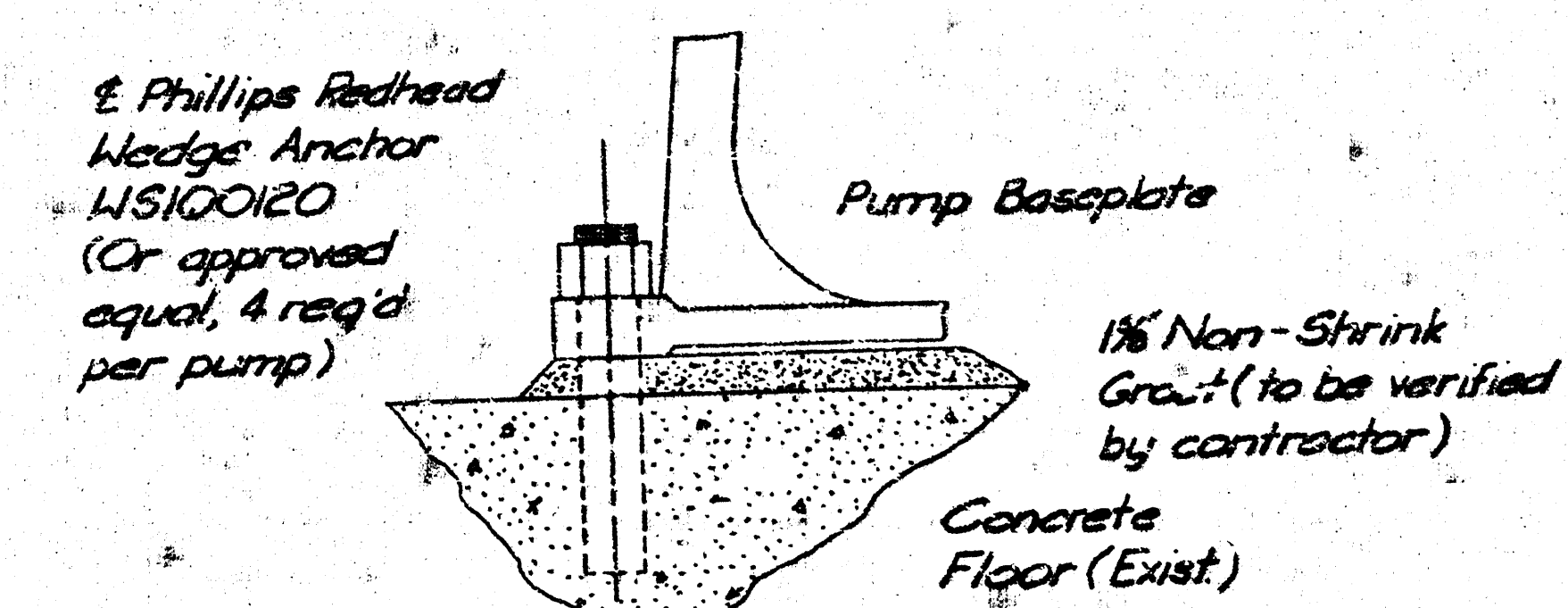
WEIGHT 325 LBS. RING



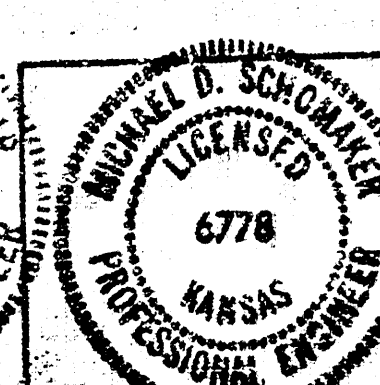
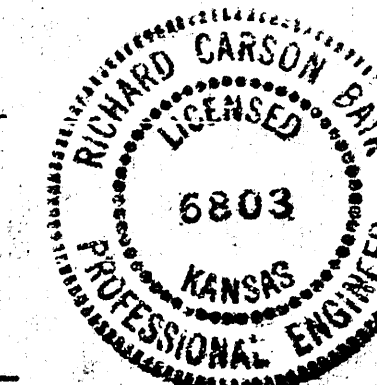
MANHOLE RING 4
5



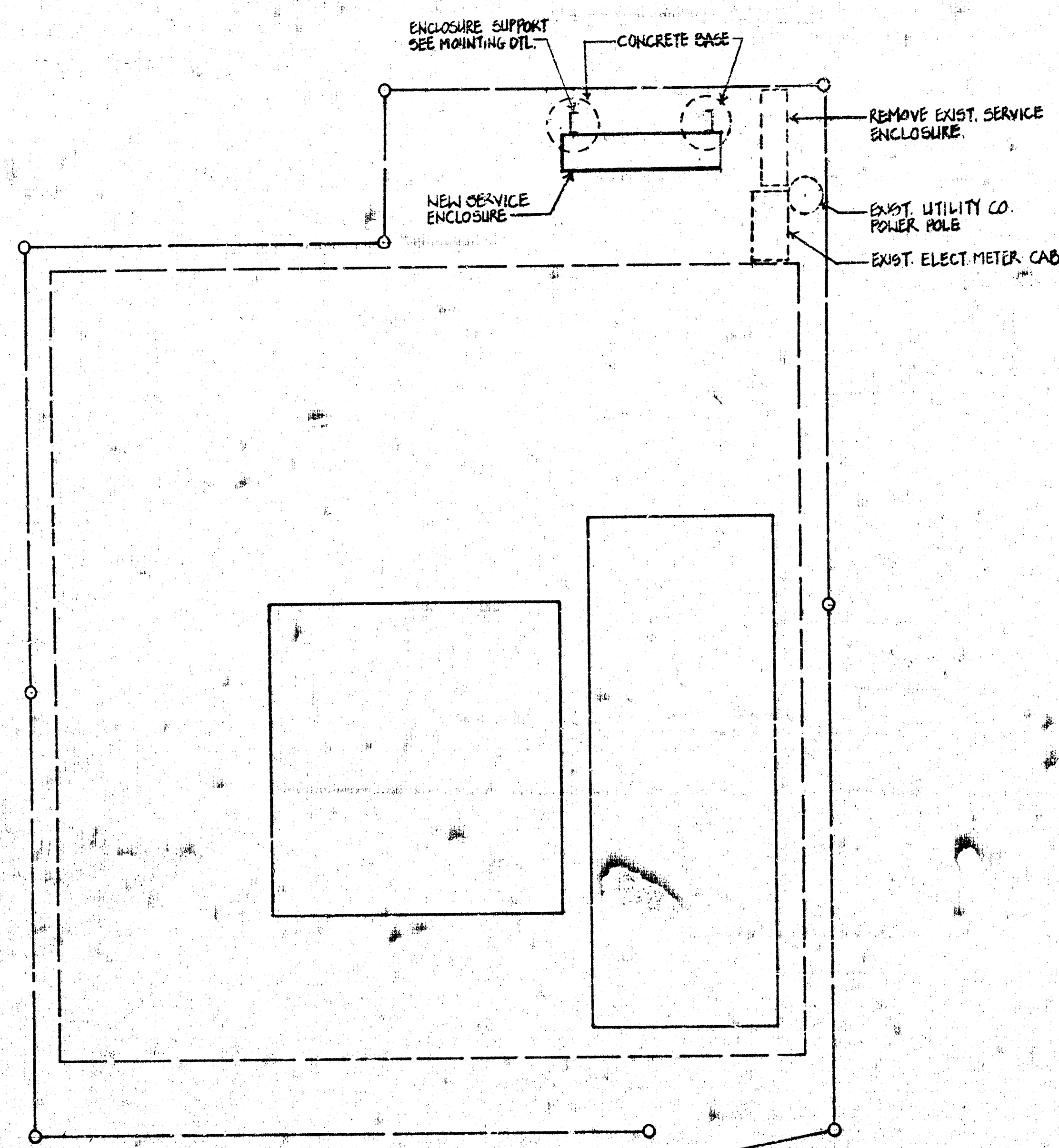
VENTILATOR DETAIL (2)
NO SCALE (5)



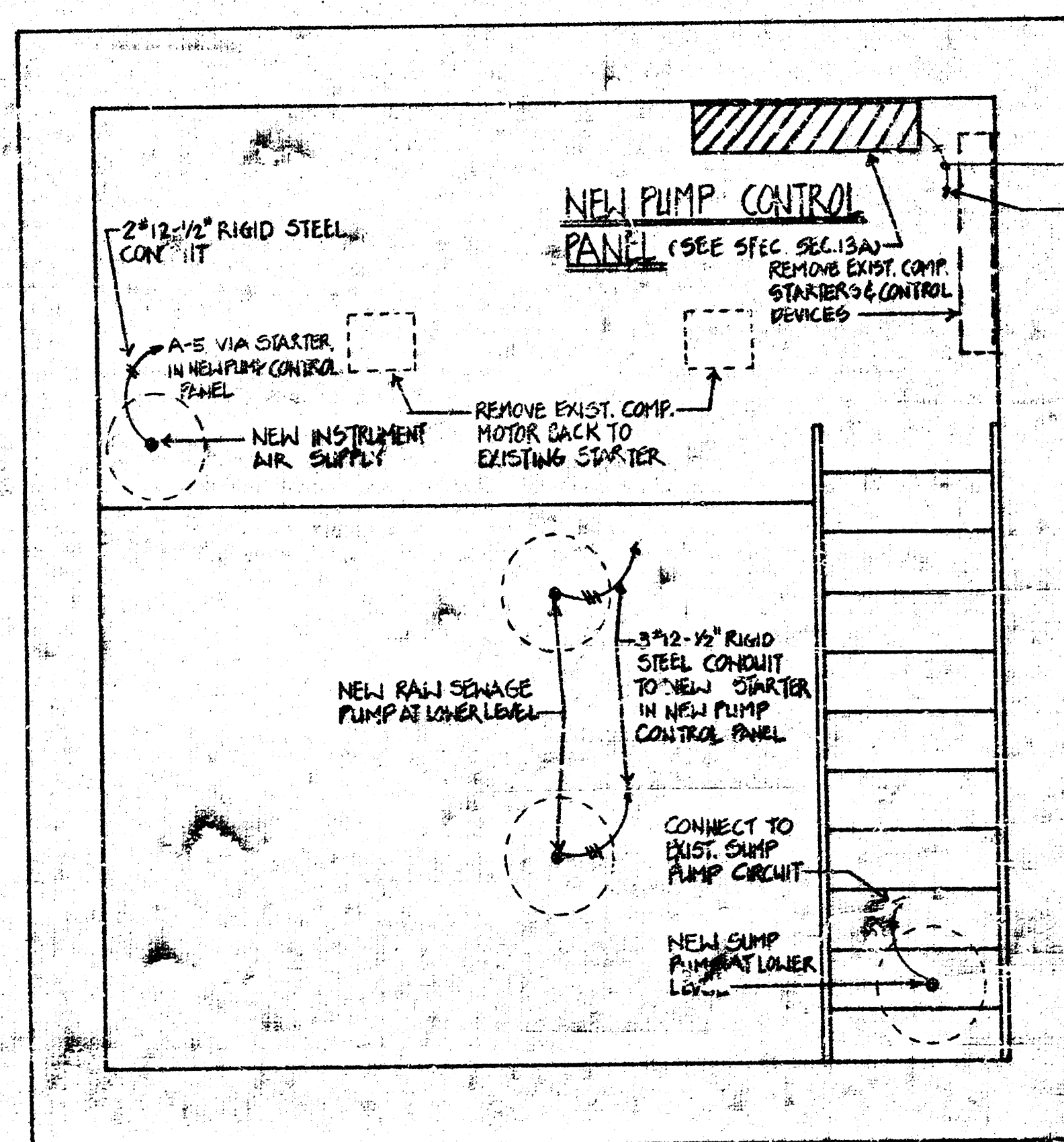
PUMP FOUNDATION DETAIL (3)
No. Scale 5



No.	Revision	By	Date
QTY OF WICHITA, KANSAS LATERAL 2, SUBMAIN 4 4 SANITARY SEWER NO. 22 SOUTH MISCELLANEOUS DETAILS LIFT STATION NO. 7 C. OF W. PROJECT NO. 468-76-245-8069-000-000-001 PROFESSIONAL ENGINEERING CONSULTANTS P.A. ENGINEERS WICHITA, KANSAS			
Designed by RCB, SNK	Job No. 34-0008	5/6 SH. 5 of 6	
Checked by DEB	Date April 1981		



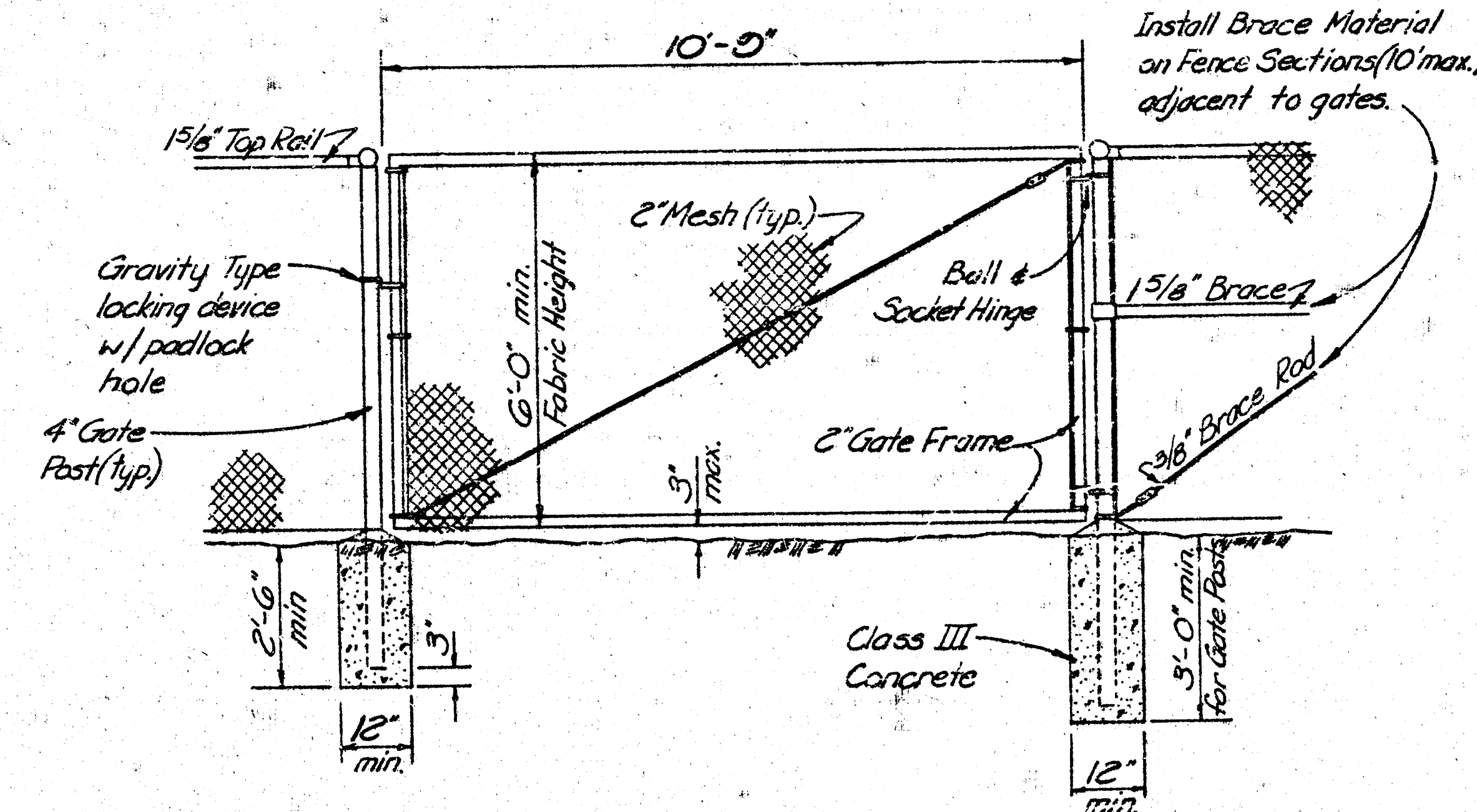
ELECTRICAL SITE PLAN
SCALE: 1/2"=1'-0"



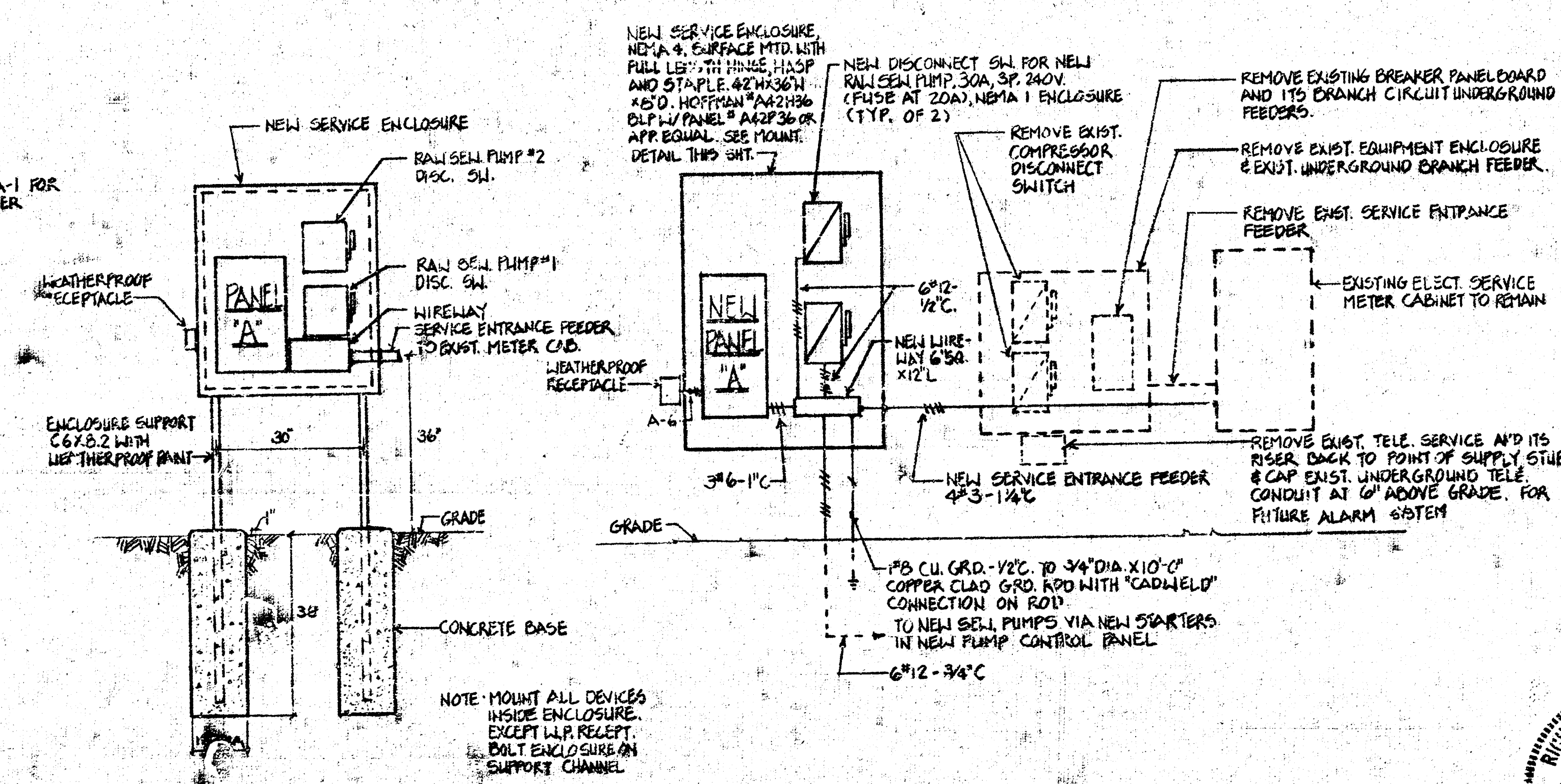
ELECTRICAL UPPER FLOOR PLAN
SCALE: 1/2"=1'-0"

PANEL "A"									
120/240V, 1 Ø 3 WIRE SURFACE MOUNTED, 60 AMP MAIN BREAK, THERMUM CIRCUIT BREAKER RATING 10,000 A.I.C.									
LINE NO.	WIRE	LOAD	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE
1	1400	200' LIGHT DEMAND	1	20	A	15	2	2400	8
2	1000	SUMP PUMP	1	20	B	15	2	2400	8
3	1200	INSTRUMENT AIR SUPPLY	2	15	C	20	1	1200	8
4		SPACE			A	20	1	SPACE	8

NOTES:
1. NEW 11/2" 12-1/2" UNDERGROUND FEEDER FOR CIRC. #1 & 3 AND NEW 2" 12-1/2" UNDERGROUND FEEDER FOR CIRC. #2. INTERCEPT AND CONNECT TO EACH EXIST. UNDERGROUND FEEDER BEFORE CONDUIT ENTERS INTO BLDG. REMOVE EXISTING CIRCUIT WIRES BACK TO NEAREST EXIST. JUNCTION BOX.



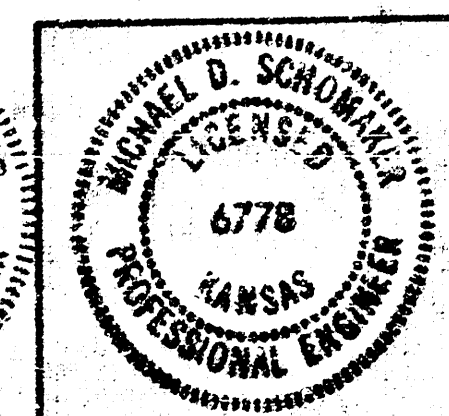
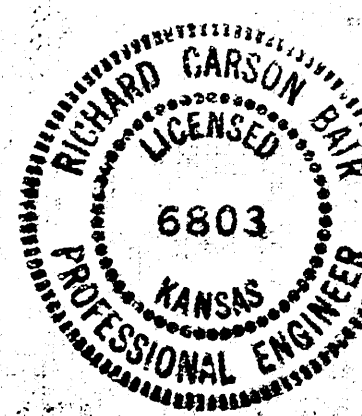
VEHICULAR SECURITY GATE DETAIL



MOUNTING DETAIL-SERVICE ENCL.
SCALE: 1/2"=1'-0"

ELECTRICAL DISTRIBUTION DIA.
SCALE: 1/2"=1'-0"

- GENERAL NOTES:**
1. ALL EXISTING ELECT. EQUIPMENT AND DEVICES INSIDE EXIST. PUMP STATION SHALL REMAIN UNLESS INDICATED OTHERWISE.
 2. ALL ITEMS NOTED TO BE REMOVED SHALL BE INVOICED AND ITEMIZED AND RETURNED TO OWNER.
 3. CONNECT CONTROL WIRING TO OPERATE NEW SEWAGE PUMPS AND INSTRUMENT AIR SUPPLY AS REQUIRED.
 4. ALL CONDUITS SHALL BE GALVANIZED RIGID STEEL CONDUITS EXCEPT THOSE SHORT RUNS TO MOTOR SHALL BE LIQUID TIGHT FLEXIBLE METAL CONDUITS.
 5. ALL CONDUCTOR WIRES SHALL BE INSULATED COPPER. INSTALL UNDERGROUND CONDUITS AT 12" BELOW GRADE MIN.
 6. VERIFY ALL EQUIPMENT & DEVICES LOCATIONS ON THE JOB PRIOR TO ROUGHING-IN.
 7. REFER TO RELATED STRUCTURAL DRAWINGS FOR RELATED INFORMATION.
 8. REFER TO THE SPECIFICATIONS FOR DATA NOT ON THE DRAWINGS.



No.	Revision	By	Date
CITY OF WICHITA, KANSAS LATERAL 2, SEWAGE SANITARY SEWER NO. 22 SOUTH ELECTRICAL LIFT STATION NO. 7 C. OF W. PROJECT NO. 458-76-245-8098-000-000-001 PROFESSIONAL ENGINEERING CONSULTANTS, P.A. ENGINEERS WICHITA, KANSAS Designed by E.W. Drawn by E.W. Job No. 34-8098 Date April, 1991 Sh. 6 of 6			