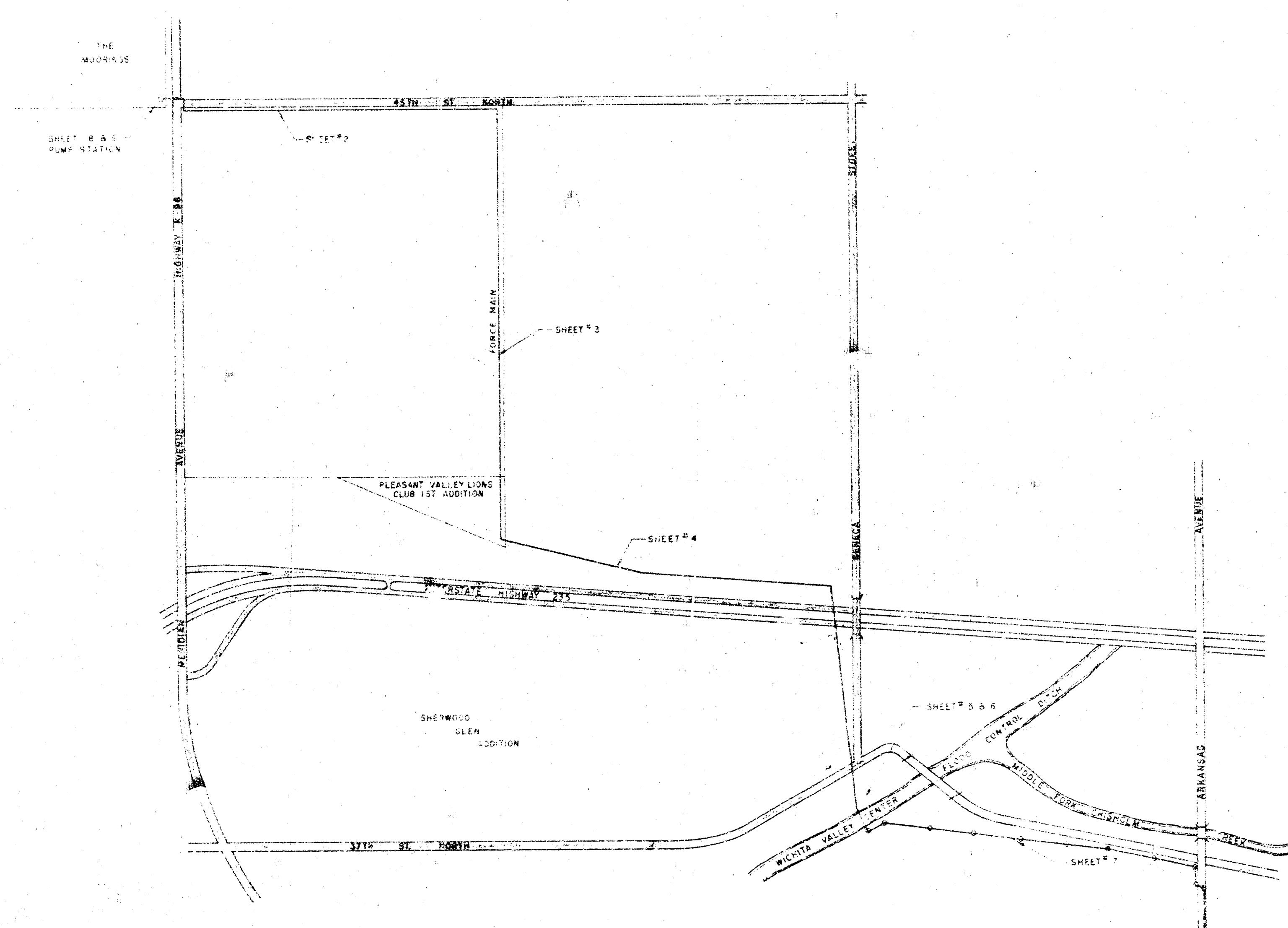


PLANS FORCE MAIN AND PUMP STATION FOR

THE MOORINGS
468-76-245-80482-000-000-008
CITY PROJECT # DBKW 707083



NOTE:
THE CONTRACTOR ON THIS PROJECT WILL OBTAIN A PERMIT FROM THE HIGHWAY DEPARTMENT FOR CONSTRUCTION OF THE PROPOSED FORCE MAIN WITHIN HIGHWAY RIGHT OF WAY. FURNISH THEM WITH A \$5000 BOND AND PROVIDE COPIES OF THE PERMIT TO THE CITY ENGINEERING DEPARTMENT.

NOTE TO CONTRACTOR
LEAVE AND RIVER CROSSING
1. THE CONTRACTOR WILL BE RESPONSIBLE FOR NOTIFYING THE DEPARTMENT OF PUBLIC WORKS MAINTENANCE DIVISION 4825 N. MAIN STREET, KANSAS CITY, MISSOURI 64116, 24 HOURS BEFORE THE WORK BEGINS SO THAT ALL OF THE JOB CAN BE INSPECTED BY THEM.
2. A ROSTER OF RESPONSIBLE EMPLOYEES WHO ARE AVAILABLE FOR CALL ON A 24 HOUR, 7 DAY A WEEK BASIS AND LIST OF EQUIPMENT WHICH WILL BE KEPT AVAILABLE AT THE JOB SITE MUST BE FILED WITH THE DEPARTMENT OF PUBLIC WORKS.

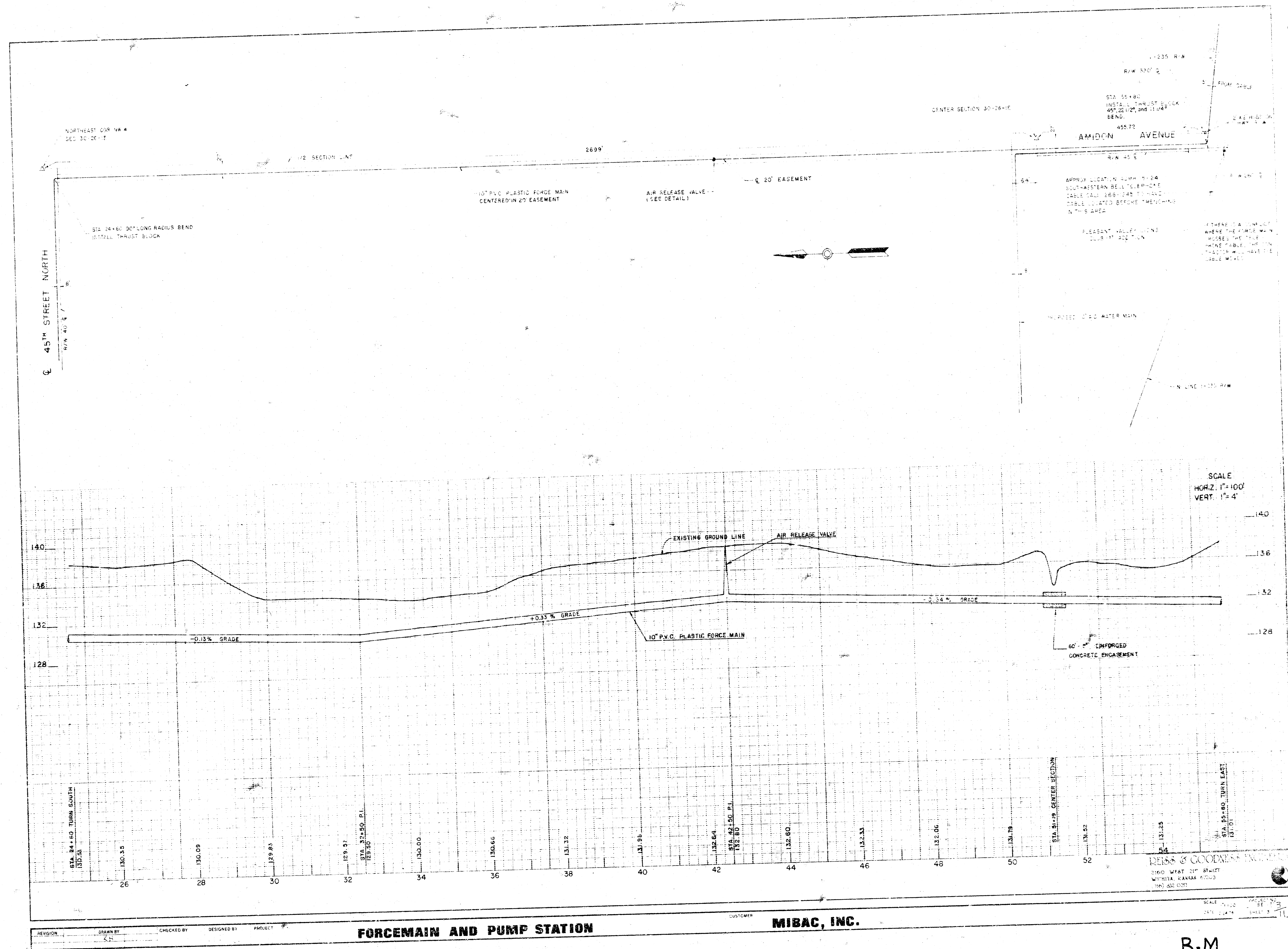
Private Project *for*
10-19-79

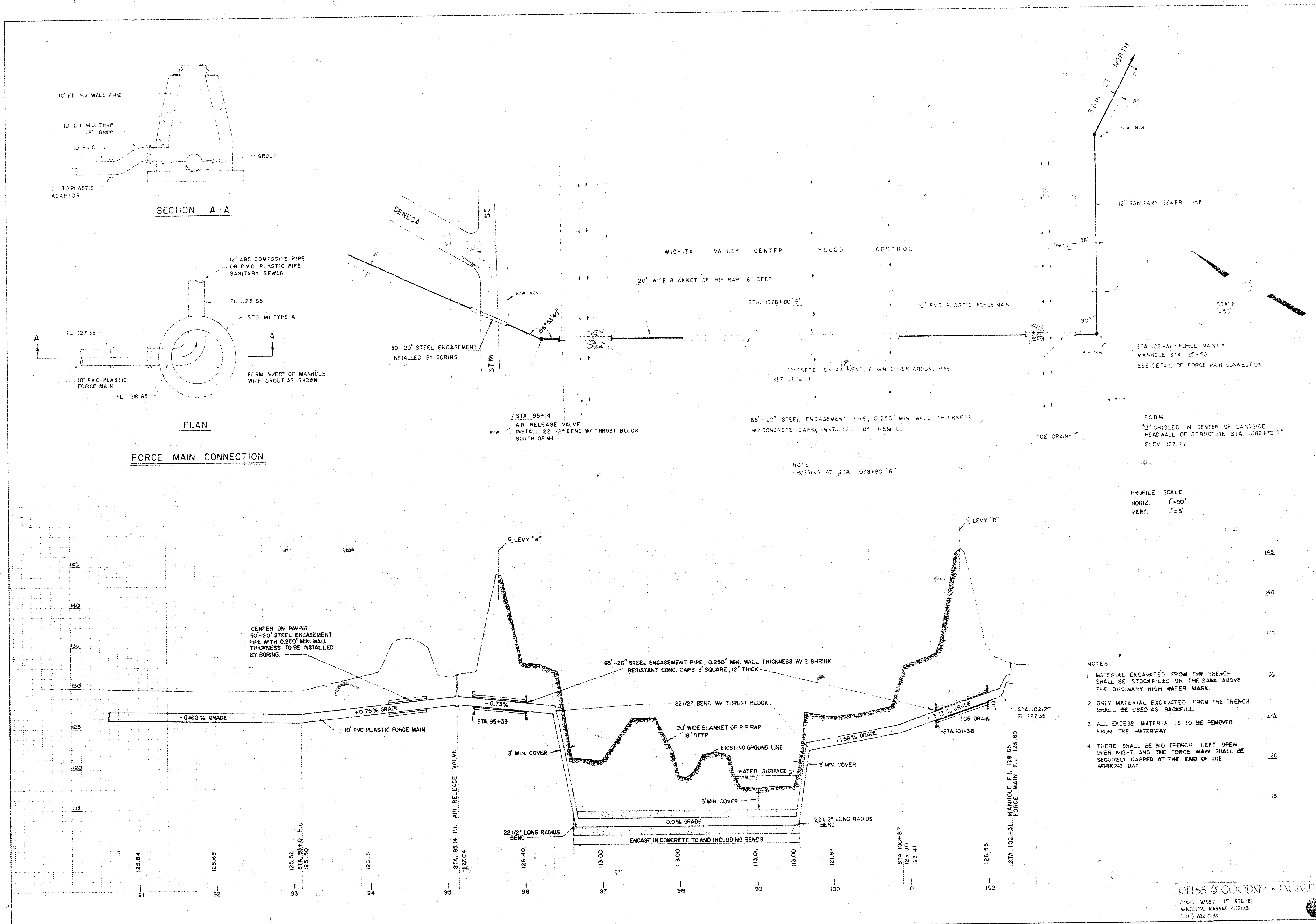
FORCEMAIN AND PUMP STATION

MIBAC, INC.

B-M

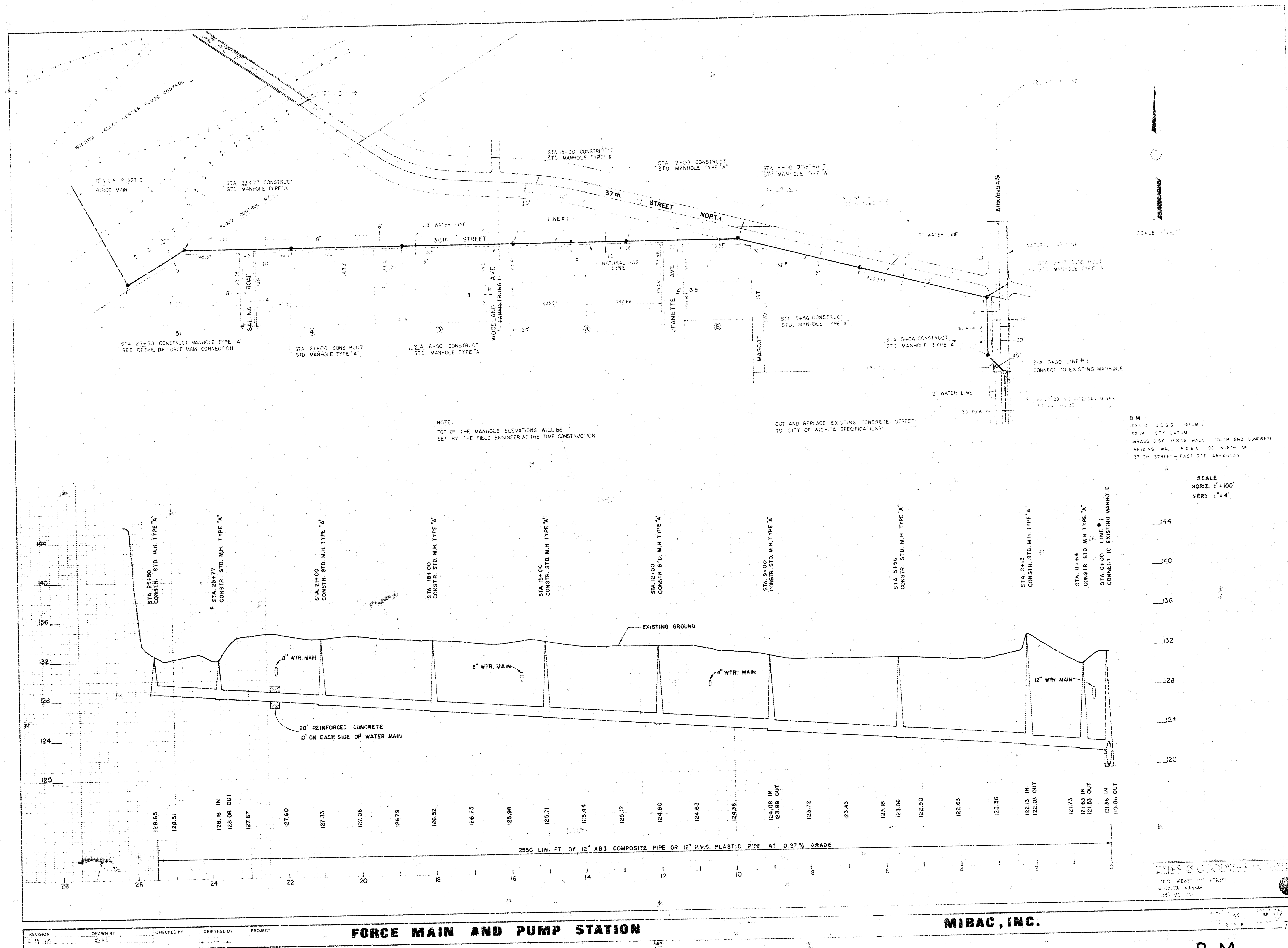
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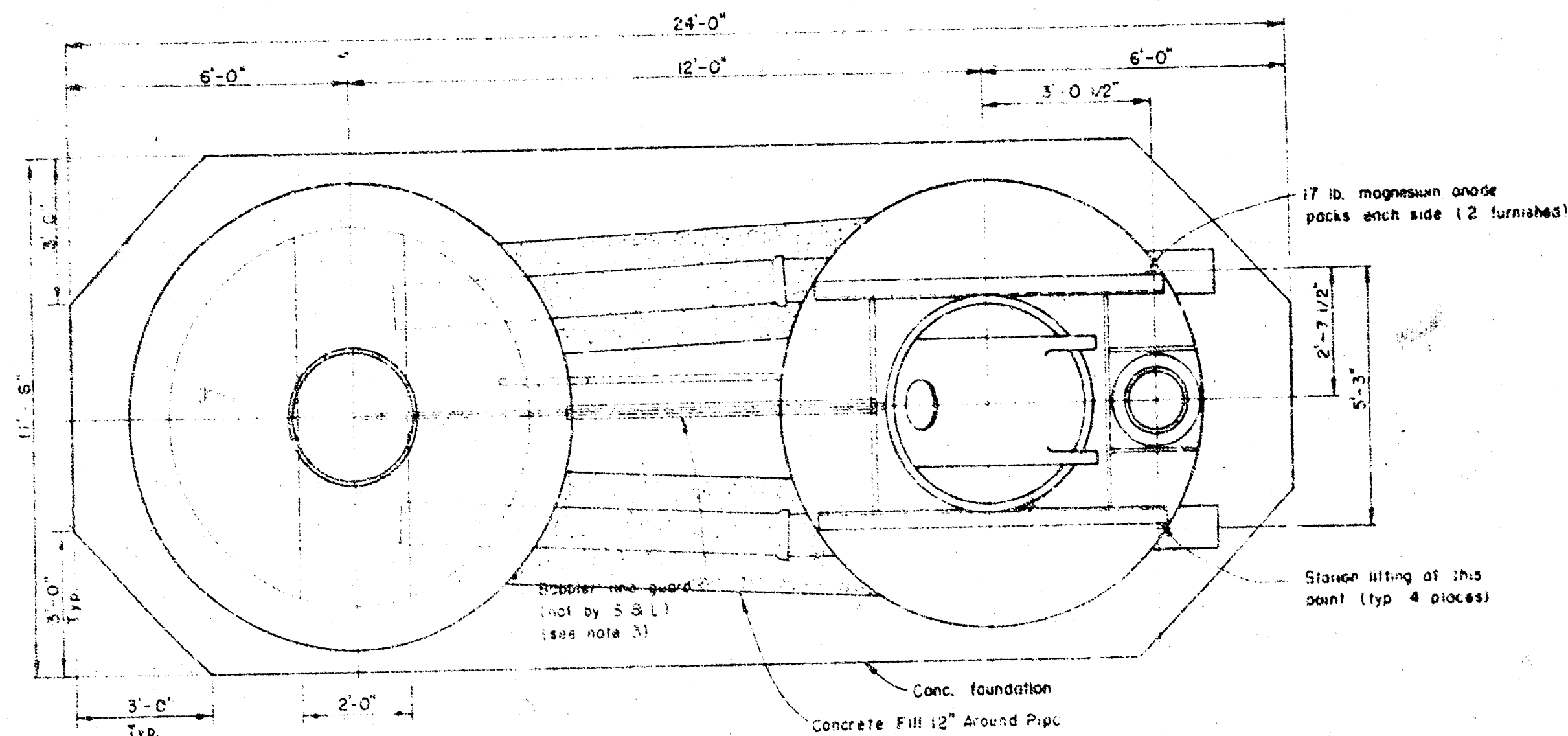
REVISION	DRAWN BY	CHECKED BY	DESIGNED BY	PROJECT	CUSTOMER	DATE	SHEET
1.0	P. J.			FORCE MAIN AND PUMP STATION	MIBAC, INC.	10/1/78	1

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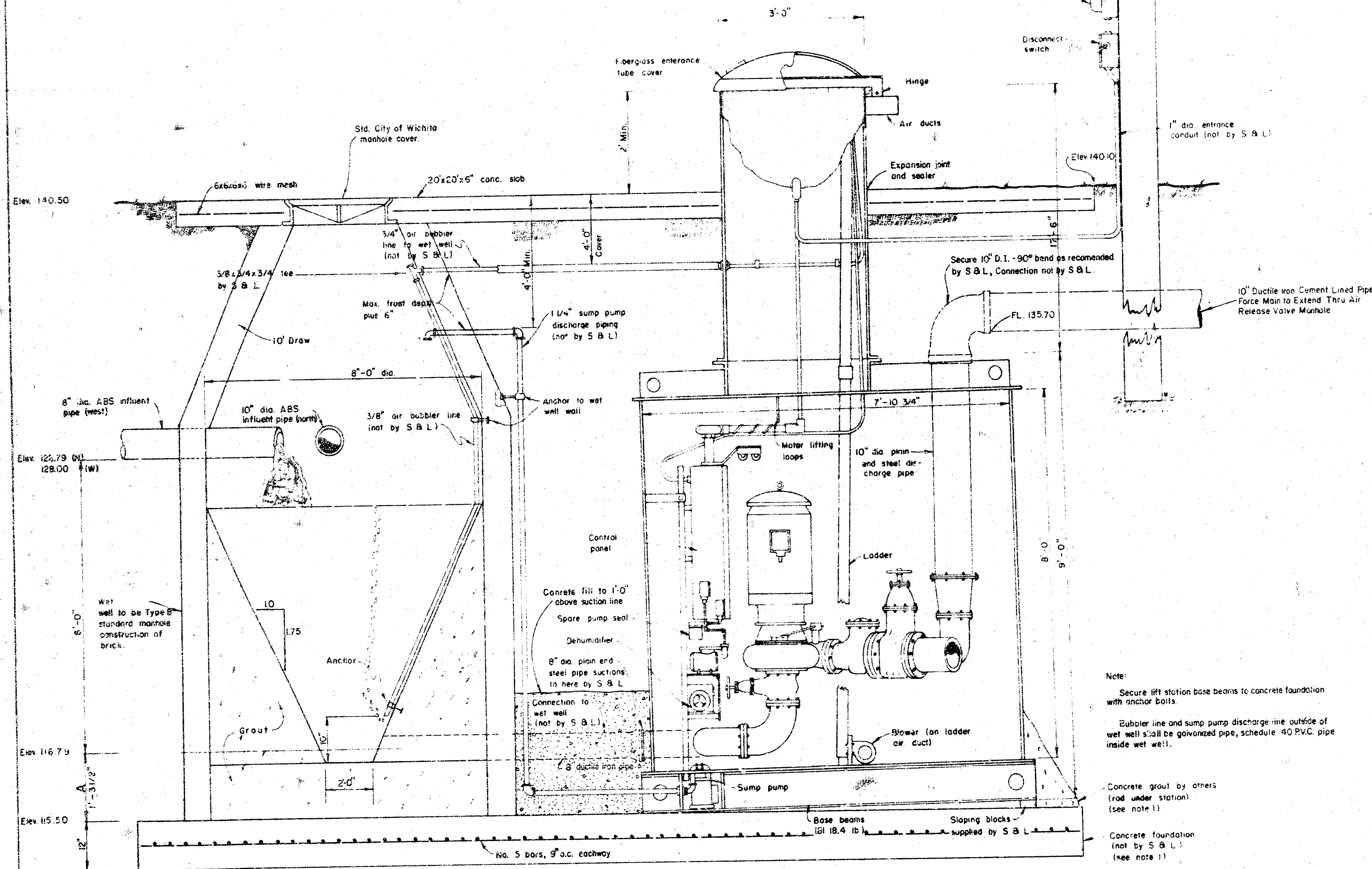


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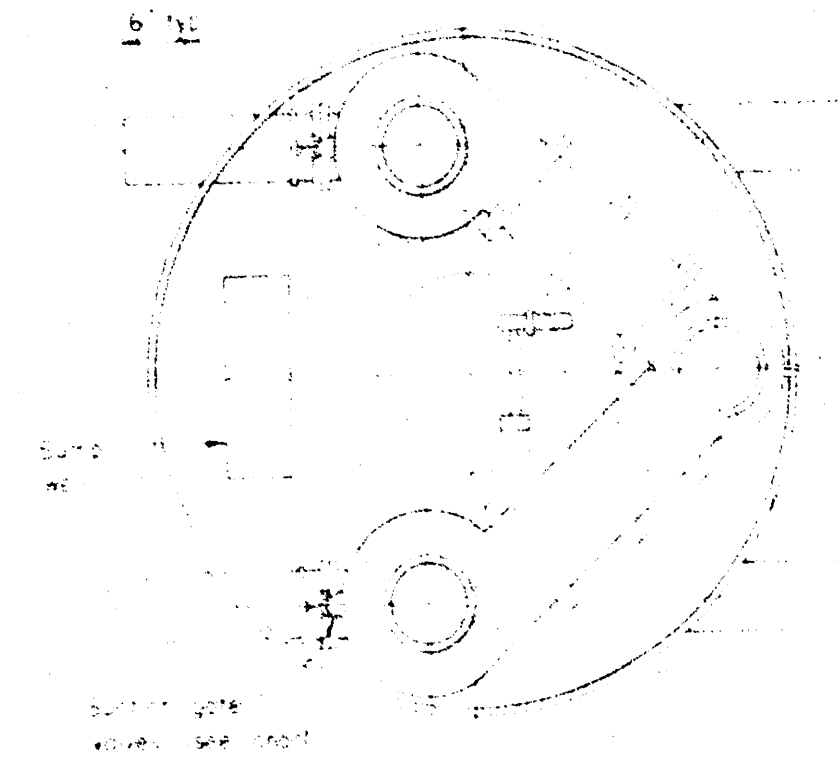


SETTING PLAN
NO SCALE



SECTIONAL ELEVATION
NO SCALE

Note:
Lift station shall be furnished with high water and power outage alarms which can be connected to the City Of Wichita alarm system. Lift station to also be furnished with running time meters.



STATION PLAN
NO SCALE

DIMENSIONAL DATA					
PUMP SIZE	SECTION	SUMPTION RATE	DISCHARGE	DISCH. DIA.	DISCH. DIA.
PIPE SIZE	VALVE SIZE	PIPE SIZE	VALVE SIZE	PIPE SIZE	DISCH. DIA.
10"	4"	4"	4"	4"	4"
10"	4"	4"	4"	4"	4"
10"	4"	4"	4"	4"	4"
10"	4"	4"	4"	4"	4"
10"	4"	4"	4"	4"	4"
10"	4"	4"	4"	4"	4"
10"	4"	4"	4"	4"	4"
10"	4"	4"	4"	4"	4"
10"	4"	4"	4"	4"	4"

- NOTES
- See engineer's plans and specifications for details of wet well, concrete foundation, grout under station and electrical service.
 - Station design characteristics—
8" suction, 4" common pipe size, 10" discharge, 2 inches of 700 GPM at 36' T.M.
 - A danger of earth settlement exists, the rubber line should be protected, a slip angle is provided to support station end of guard, Bubbler line guard required.
 - These drawings show an underground sewage pumping station manufactured by Smith and Lowless (S & L). Station by any other manufacturer must be approved by the city engineer prior to submitting bids.

NOTE
It may be some time before this area is fully developed to where the total wet well capacity is needed. Therefore the pump controls will be set initially to turn on and off within an 18" variation of sewage level in the wet well. When the additional wet well storage is needed the controls will be adjusted to a maximum pumping range of 36" between pump-on/off levels in the wet well.

Note:
Secure lift station base beams to concrete foundation with anchor bolts.
Bubbler line and sump pump discharge line outside of wet well shall be galvanized pipe, schedule 40 PVC pipe inside wet well.

Concrete grout by others (rod under station) (see note 1)
Concrete foundation (not by S & L) (see note 1)

REVISION	DRAWN BY	CHECKED BY	DESIGNED BY	PROJECT
	2/2/77			FORCEMAIN AND PUMP STATION

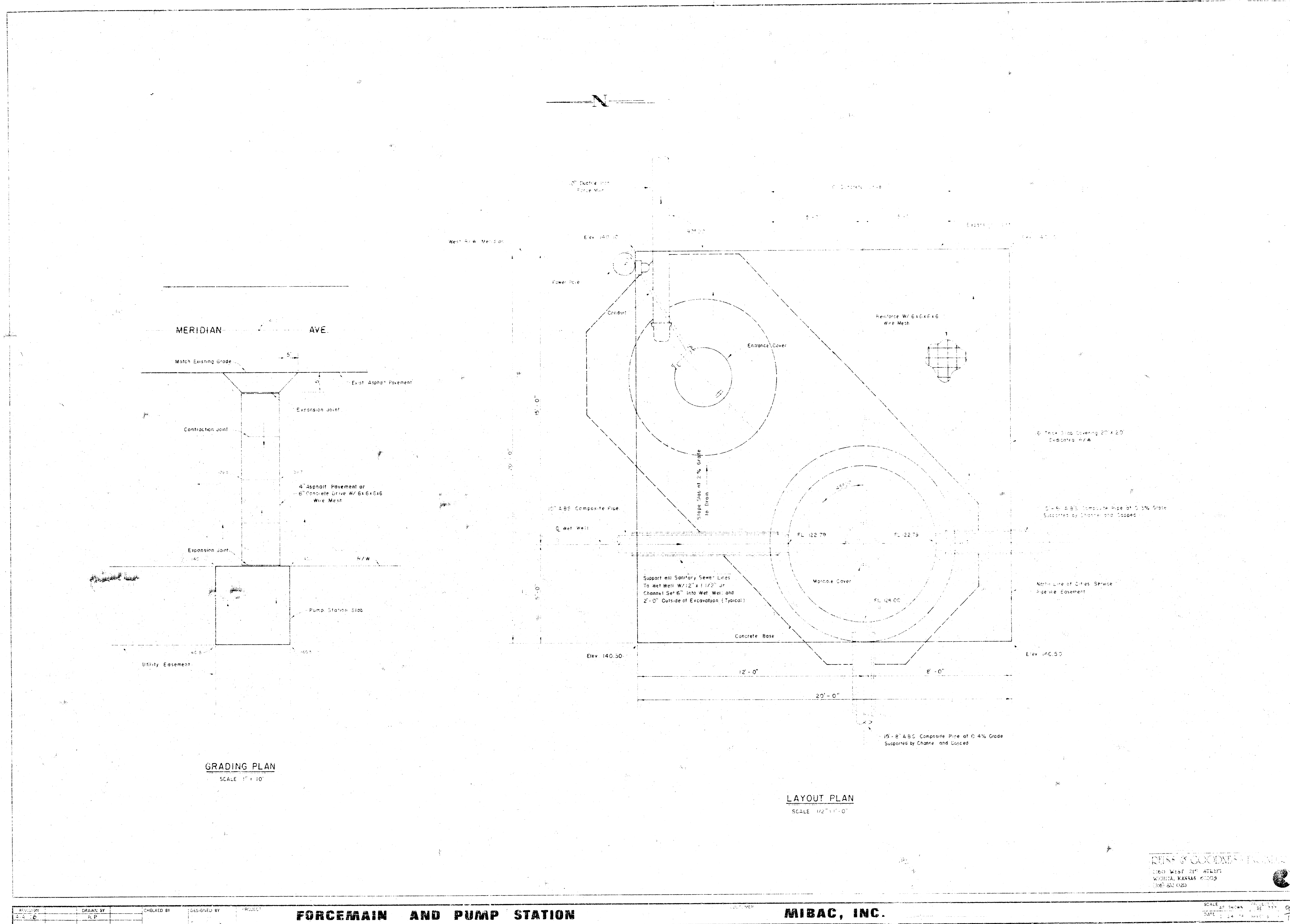
MIBAC, INC.

REISS & CO. ENGINEERS
2100 WEST 11TH STREET
WICHITA, KANSAS 67203
(316) 261-0000

SCALE
NO SCALE
DATE 2-24-79
BY 1777

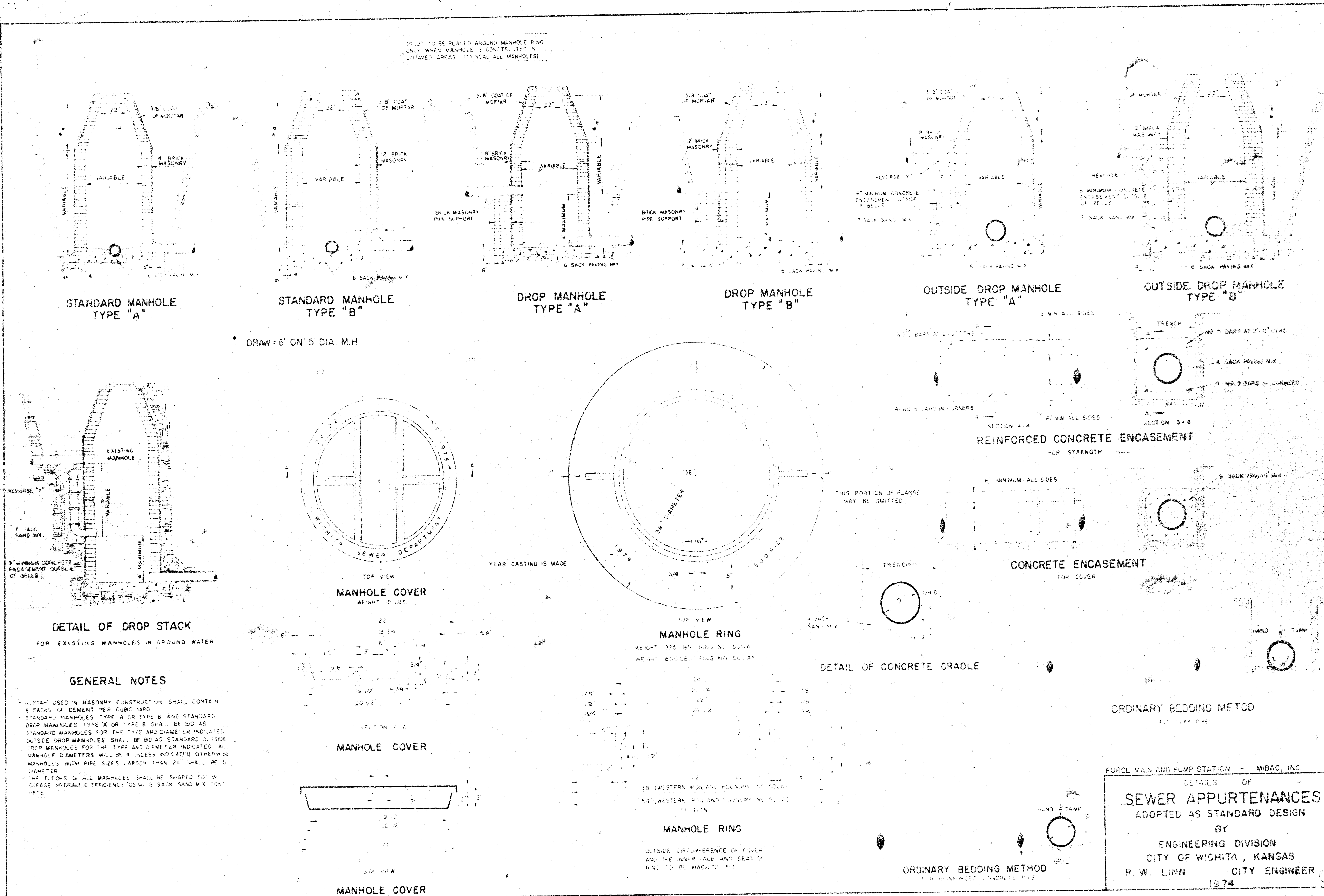
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