

8

7

6

5

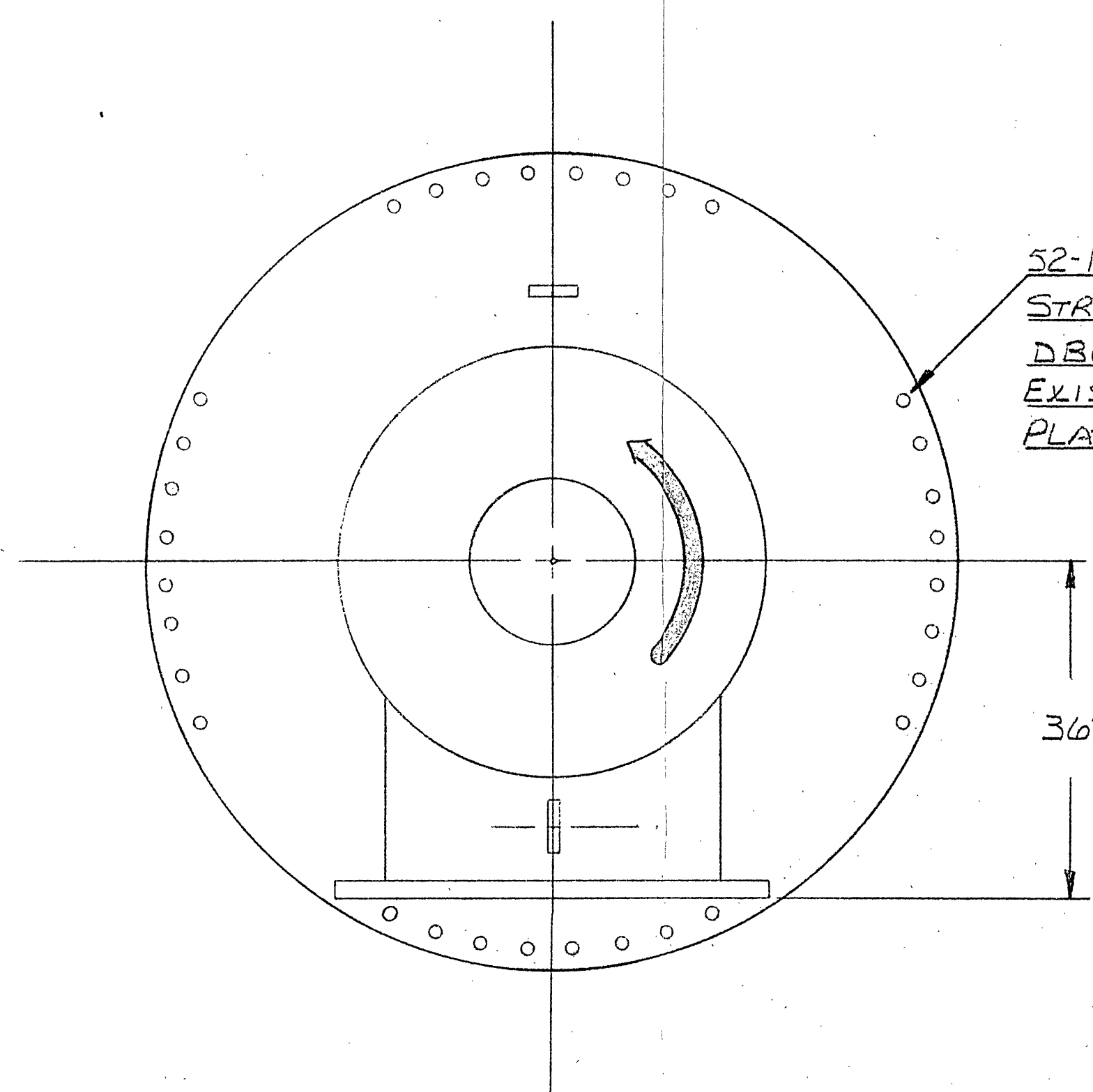
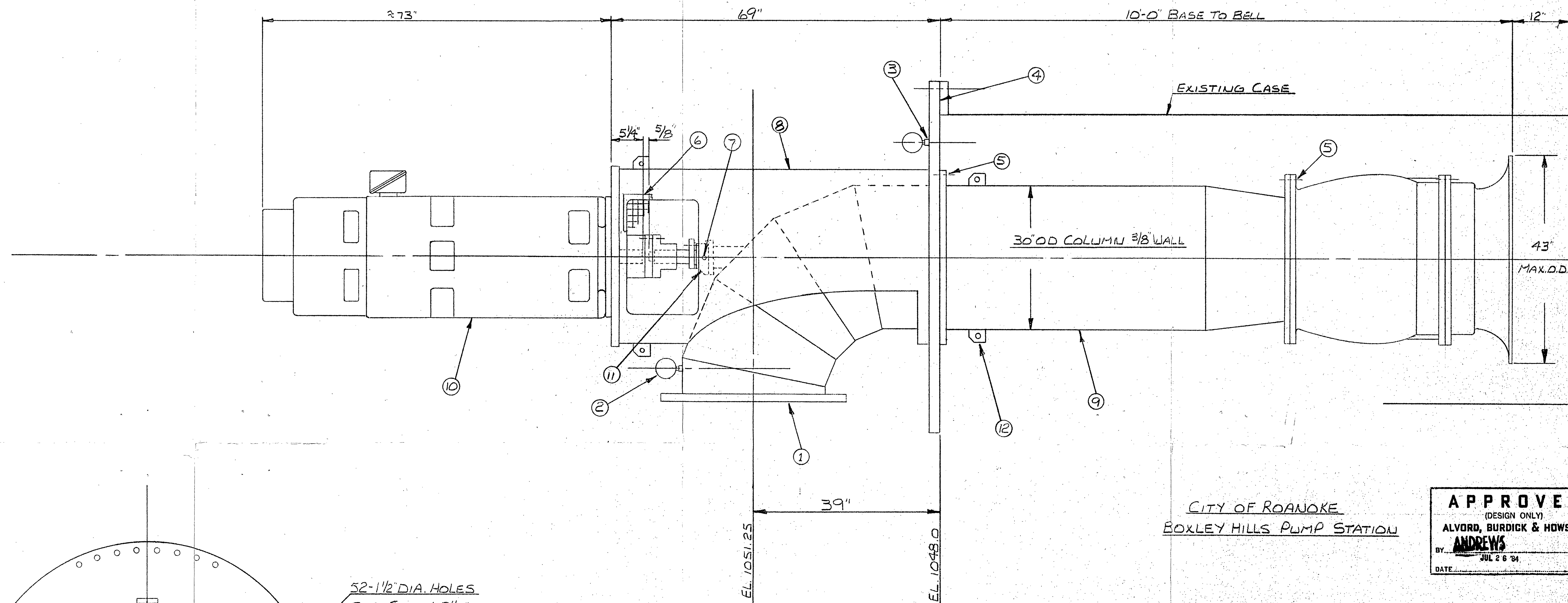
4

3

2

1

REVISIONS						
LTR	REV. BY	DESCRIPTION	DATE	CHK'D	APPROVED	
					MET	ENG
						QA



PLAN VIEW

ALL LOCATING FLANGE DIMENSIONS ARE $\pm 1/4"$

APPROXIMATE WEIGHTS:

PUMP: 9250 lbs

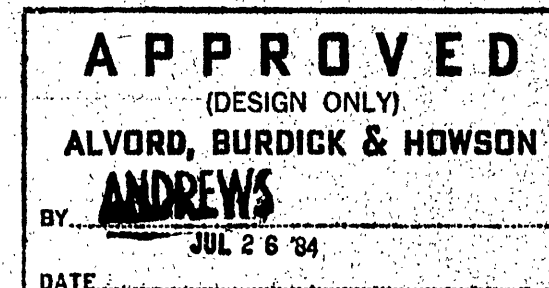
MOTOR: 4400 lbs

DUTY CONDITIONS:

17,360 GPM

95' TDH

880 RPM

CITY OF ROANOKE
BOXLEY HILLS PUMP STATION

- ① 30"-150" FLAT FACE FLANGE - 38 3/4" O.D. - 28 - 1 3/8" DIA. HOLES STR & ON 36" DBC
- ② DISCHARGE PRESSURE GAGE - 0 TO 200 FT. READING
- ③ SUCTION PRESSURE GAGE - 0 TO 100 FT. READING
- ④ GASKET - CBS MATERIAL
- ⑤ CADMIUM PLATED BOLTING
- ⑥ COUPLING GUARD - GALV. STL
- ⑦ 3/4" NPT - PIPED TO DRAIN BY OTHERS.
- ⑧ EXTERIOR OF HEAD IS SANDBLASTED TO SP-6 AND COATED WITH TWO COATS OF YELLOW ENAMEL.
- ⑨ EXTERIOR OF COLUMN AND BOWL IS CLEANED TO SP-3-63 AND COATED WITH TWO COATS OF KOPPER'S SUPER TANK SOLUTION
- ⑩ SIEMENS-ALLIS DRIVER - VSS - 3/60/460 - 500 HP - 900 RPM WITH UPPER KINGSBURY BEARING
- ⑪ GREASE PORT FOR CAGE RING - PROVIDED WITH GITS GREASE CUR
- ⑫ LIFTING LUGS

ALL LIMITS OF CONCENTRICITY AND SQUARENESS OF
FACES SUBJECT TO BYRON JACKSON INSPECTION
STANDARDS PER E. M. SECTION D1-1.

UNLESS TOLERANCE IS GIVEN MACHINE TO WITHIN:	
DIMENSIONS	LENGTH
BORE - 1/64	0 TO 2 FT. - 1/64
TURN - 1/64	2 TO 6 FT. - 1/32
	6 FT. AND OVER - 1/16

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UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
TOLERANCES ON	
DECIMALS	ANGLES
XX ±	±
XXX ±	ALL THREADS,
XXXX ±	CLASS 2 PER B1.1
✓	SURFACE ROUGHNESS PER ANSI B 46.1
✓	DRILLED HOLES ✓ AS DRILLED TAPPED HOLES ✓ AS TAPPED
DO NOT SCALE DRAWING	REMOVE ALL BURRS AND SHARP EDGES EQUIVALENT TO .005/.015 ALL MACH. CORNERS/FILLET .015/.020 R

BJ ORDER NO. 841-A-1007	REF NO.
DRAWN BY ELLIS	DATE 4-3-84
CHECKED BY B. Ellis	DATE 4-5-84
DESIGN APP'D BY	DATE
TITLE	
CUSTOMER APPR	

BYRON JACKSON [®]	
BYRON-WARNER CORPORATION	
DRAWING TITLE 39 R.X.L 1 STAGE FINISHED WATER PUMP	
CONTRACT NO.	
CODE IDENT NO.	DRAWING NO. 2C-5801
SCALE	WEIGHT
SHEET	REV. Φ

10 CM