30 X 12" TYPE A DISCH HD WATER LUB. — CUSTOMERS MOTOR
36 1/16" 14" X 3 3/4" X 2 3/16" COL. X TUBE X SHAFT ASSEMBLY — 500 HP 3Ø 60 CPS 440 V.
8" T.P.L.
3 STAGE 18-DC FULL DIA. IMPELLER

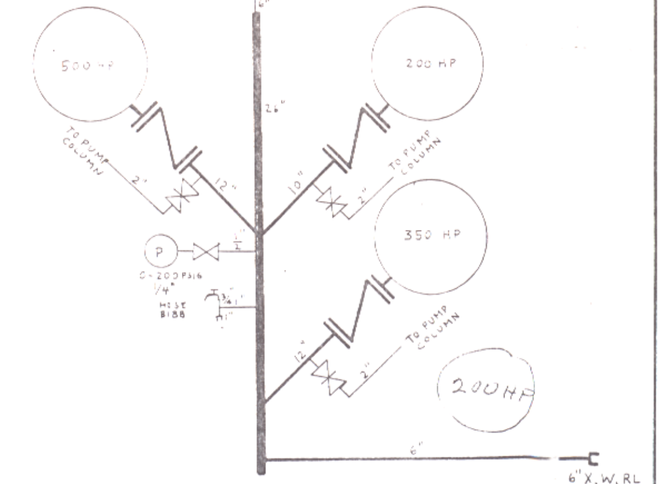
24 1/2" X 12" TYPE A DISCH HD WATER LUB. — NEW MOTOR
32 7/16" 12" X 3" X 1 15/16" COL. X TUBE X SHAFT ASSEMBLY — 350 HP 3Ø 60 CPS 440 V.
8" T.P.L.
4 STAGE 16-EC FULL DIA. IMPELLER

24 1/2" X 10" TYPE A DISCH HD WATER LUB. — CUSTOMER MOTOR
36 1/16" 10" X 2 3/4" X 1 11/16" COL. X TUBE X SHAFT ASSEMBLY — 200 HP 3Ø 60 CPS 440 V.
8" T.P.L.
5 STAGE 14-CC FULL DIA. IMPELLER

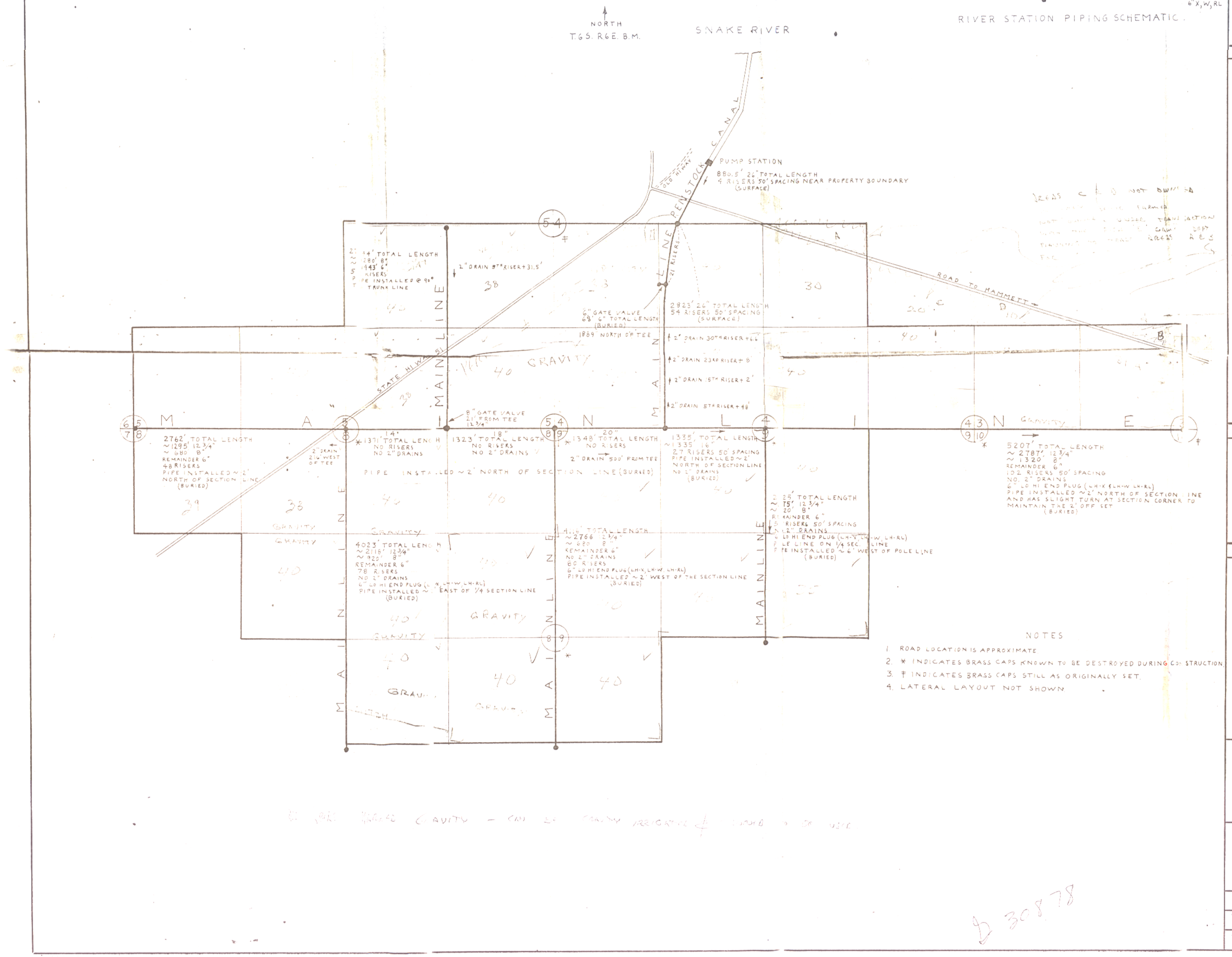
PANELS

ONE SQUARE D PHASE REVERSAL OR SINGLE PHASE RELAY PROTECTING ALL MOTORS

1 — 500 HP PANEL 800 AMP CIRCUIT BREAKER, 125% OVERLOAD & TIME DELAY.
1 — 350 HP " 600 " " " THERMAL PROTECTION & " "
1 — 200 HP " 400 " " " 125% OVERLOAD & TIME DELAY.



RIVER STATION PIPING SCHEMATIC.



NOTES

1. ROAD LOCATION IS APPROXIMATE
2. * INDICATES BRASS CAPS KNOWN TO BE DESTROYED DURING CONSTRUCTION
3. ‡ INDICATES BRASS CAPS STILL AS ORIGINALLY SET.
4. LATERAL LAYOUT NOT SHOWN

LIST OF MATERIALS

NAME OF PIECE	NO. REQ'D.	EST. WT.	PIECE NO.	REMARKS
26" PIPE	5705.5			AS SHOWN ON DWG
26" "	50			
18" "	1323'			
16" "	1335'			
20" "	1330'			
14" "	1371'			
12 3/4" "	10,362'			
8" "	5660'			
6" "	2630			
498 VBH & 4" RISER STOCK	498			ON SYSTEM 18" LONG EXTRAS
15 " " " "	15			
6" LH-X	6			
6" LH-W	6			
6" LH-RL	6			
4"/3" LATERAL (AMES)	62			16 - 9'X49' MD99 16 - 3"X49' MD99 1 - 3"X27' RG 1 - 4'0"NL 1 - 9"X3" R 1 - 3" W
500 HP MOTOR (CUSTOMER) & PUMP & PANEL	1			33 - SPRINKLER HEADS & 1"X18" RISERS
200 HP MOTOR (CUSTOMER) & PUMP & PANEL	1			
350 HP MOTOR & PUMP & PANEL	1			
12" 150# CHECK VALVE	2			
10" 150# " "	1			
RIVER STATION BASE	1			
2" GATE VALVES	3			RIVER STATION
2" SMITH-BLAIR COUPLER	3			
0-200 PSI GAGE	1			
1/2" COUPLER	1			
1/2" GLOBE VALVE	1			
1/2" X 1/4" BUSHING	1			
1" X 8" NIPPLE	1			
1" X 1" X 3/4" TEE	1			
1" PLUG	1			
3/4" HOSE BIBB	1			
200 PSG SURGE PLUG	1			
2" PIPE	25'			
2" ELBOW	1			
6" LH-X	1			
6" LH-RL	1			

REFERENCES

REVISIONS

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IRRIGATION SERVICE INC.

IDAHO FALLS NAMPA TWIN FALLS, IDAHO

TITLE

IRRIGATION SYSTEM INSTALLED FOR 1965 SEASON
ON THE
JOHN ELLSWORTH PROPERTY NEAR BRUNEAU, IDAHO

DRAWN BY RGY	DATE 5-22-65	SCALE 8" = 1 MILE		SUPERSEDES DRAWING	REV.
CHECKED BY	DATE	ENGINEER R.G. YOUNG		DRAWING NUMBER 133021	REV.
APPROVED BY	DATE	DATE 5-23-65			