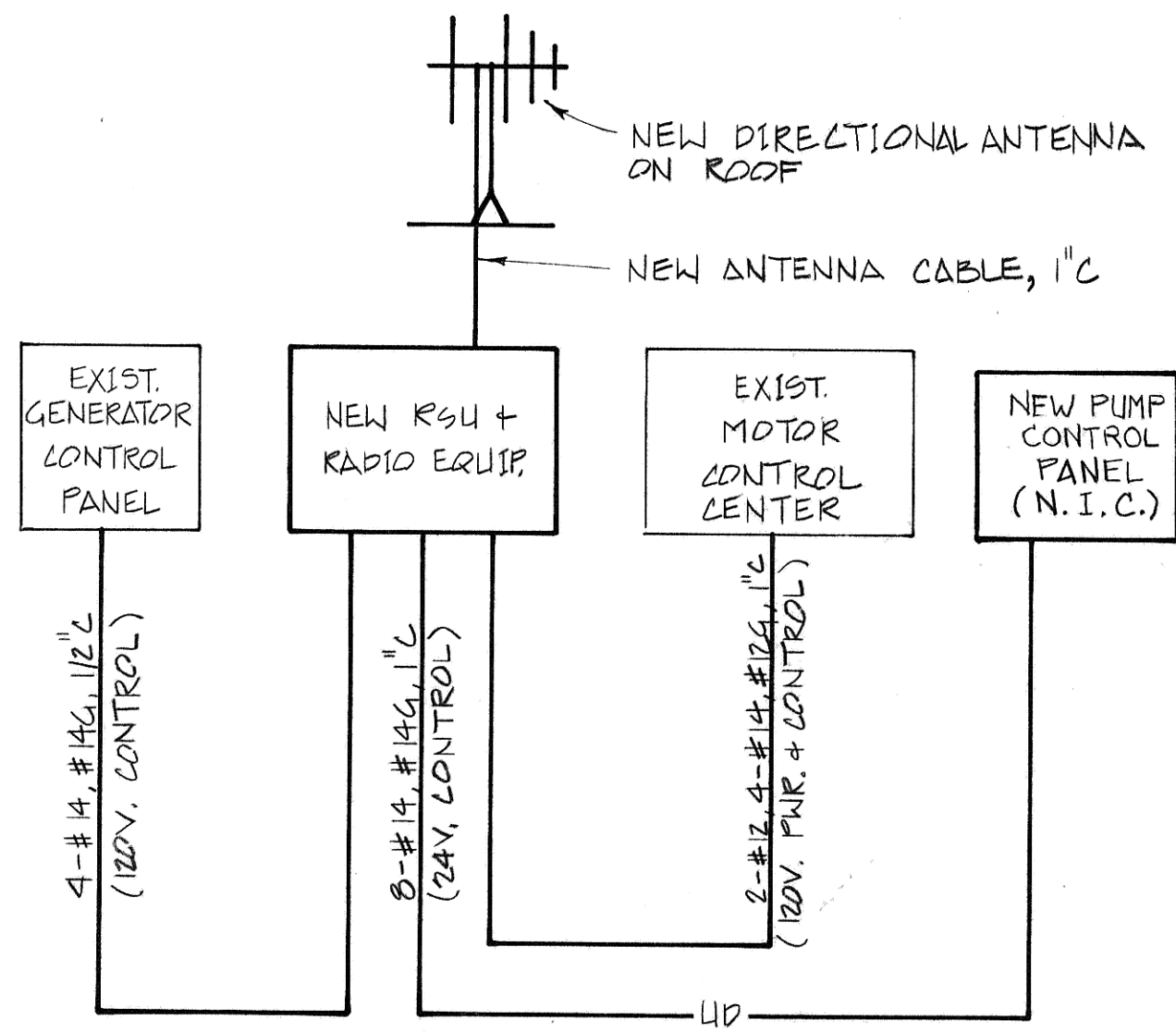
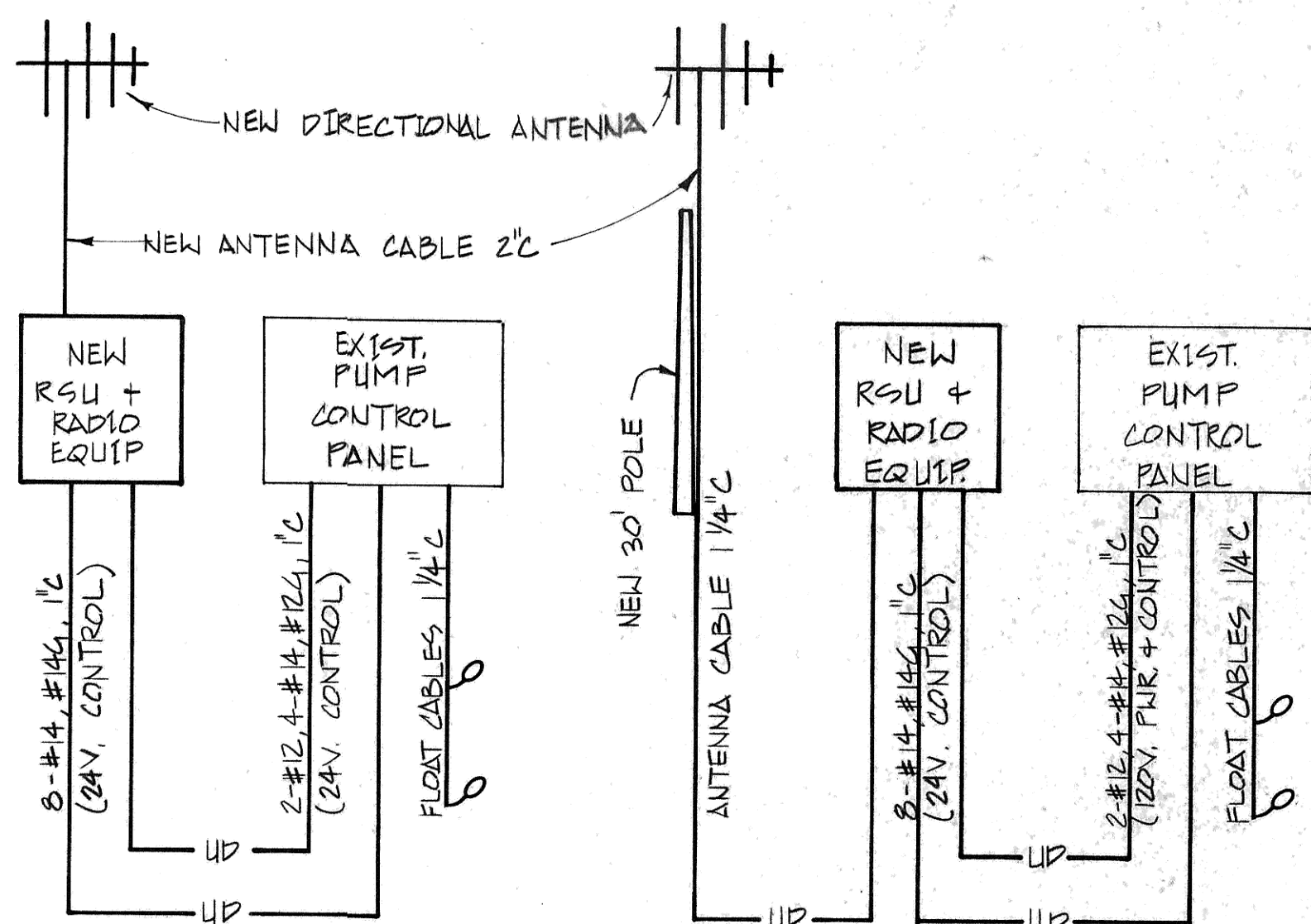


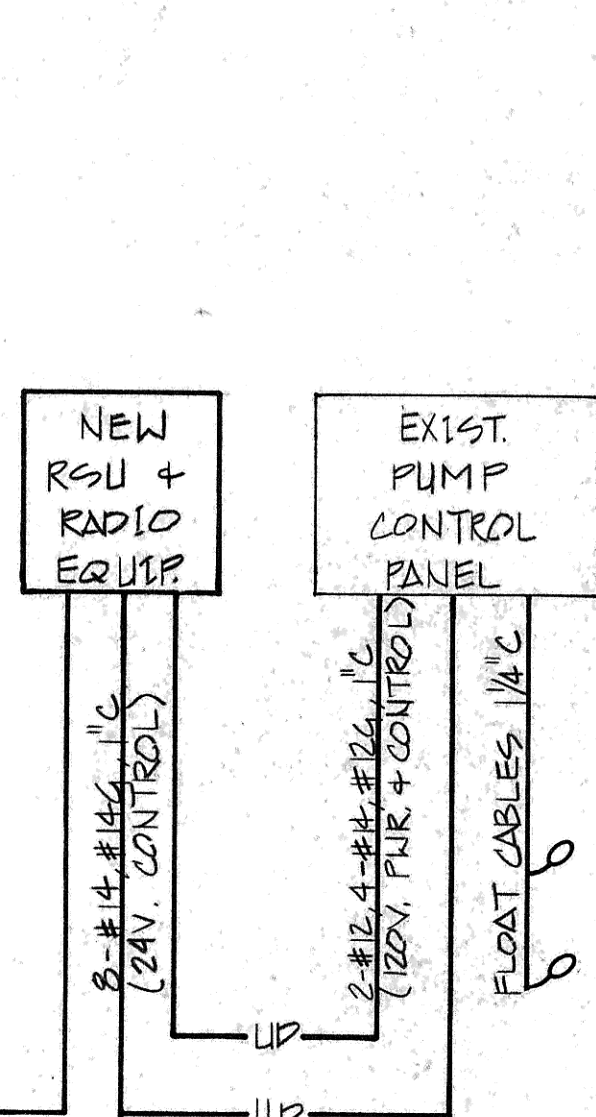
NOTES:
 1. 4-#2, 1/4" C FOR LS #2 ONLY
 2. 4-#3/8 TYPE USE BY E.C. FOR TREATMENT PLANT LIFT STATION ONLY



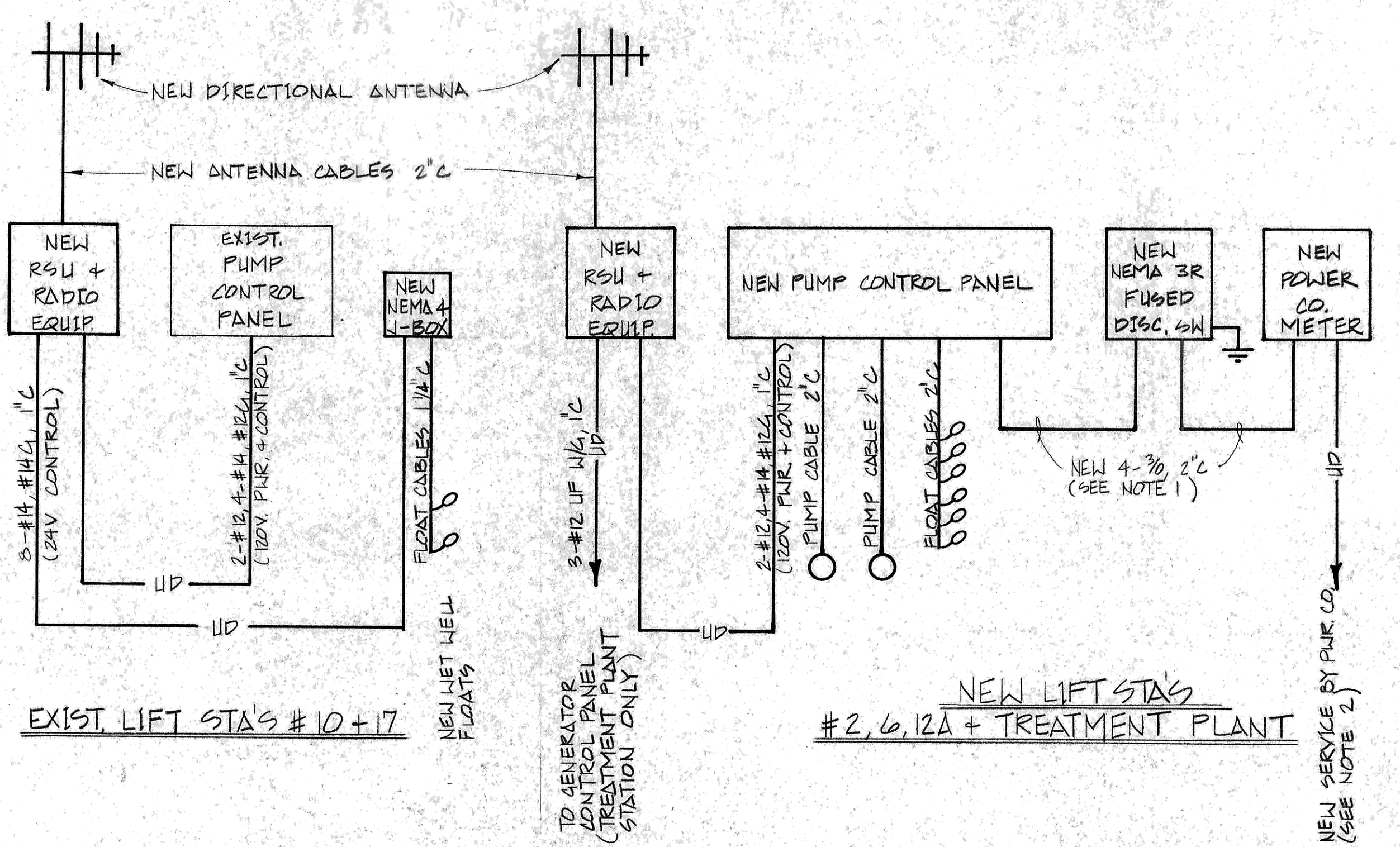
EXIST. LIFT STA. #1



EXIST. LIFT STA'S #5, 7, 11, 14, 16, 33, + 34



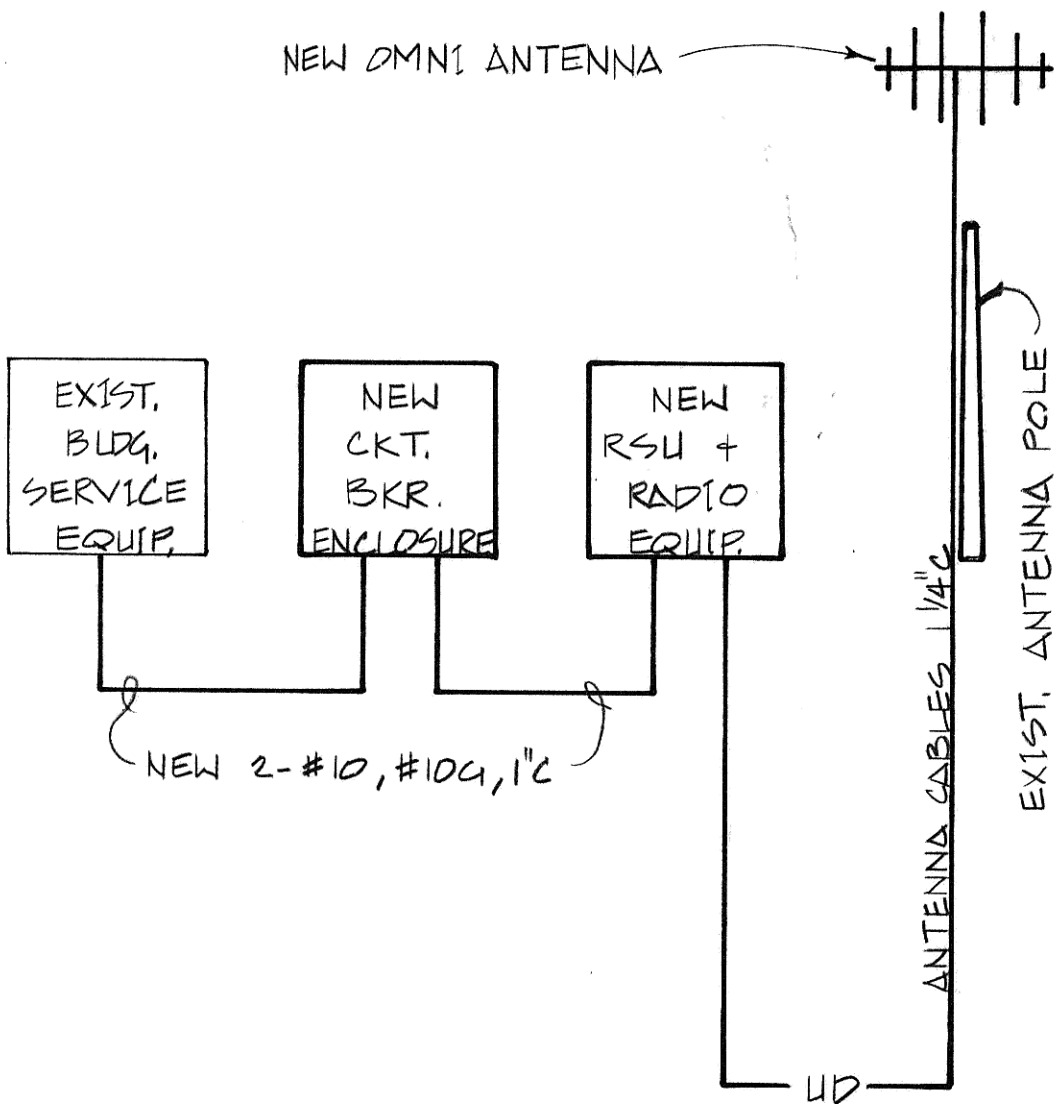
EXIST. LIFT STA. #4



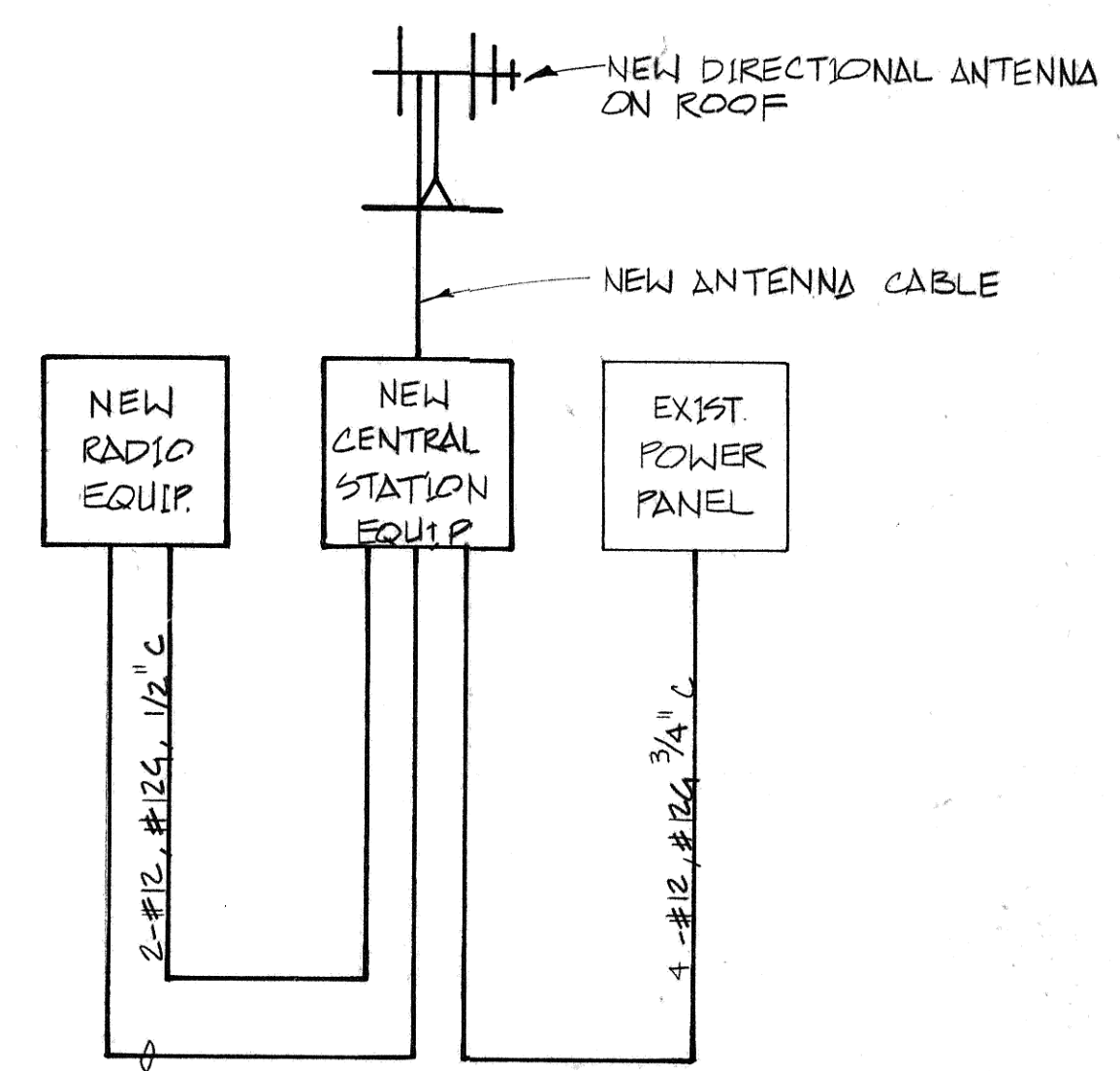
EXIST. LIFT STA'S #10 + 17

NEW LIFT STA'S #2, 6, 12A + TREATMENT PLANT

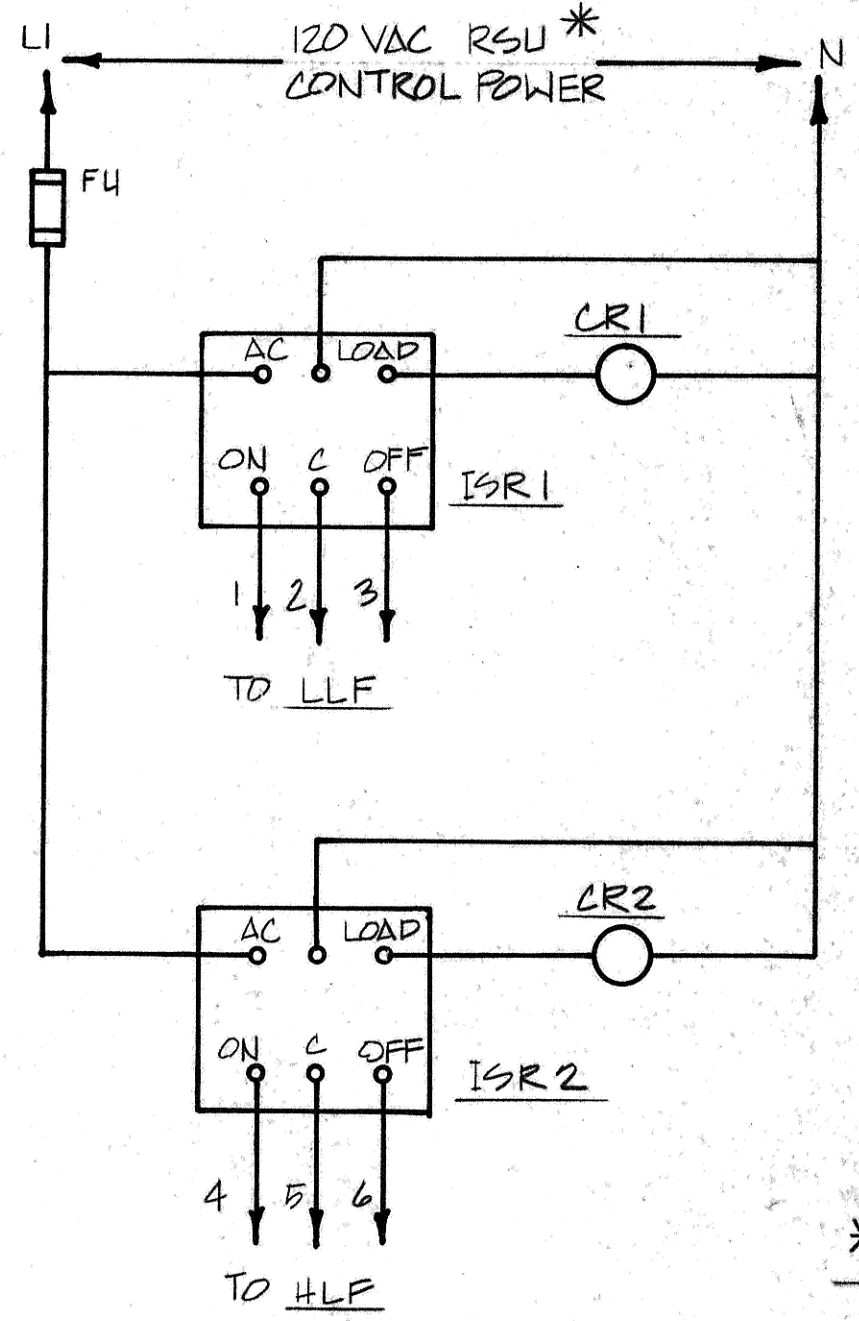
LIFT STATION DIAGRAMS
 NOT TO SCALE



REPEATER STATION DIAGRAM

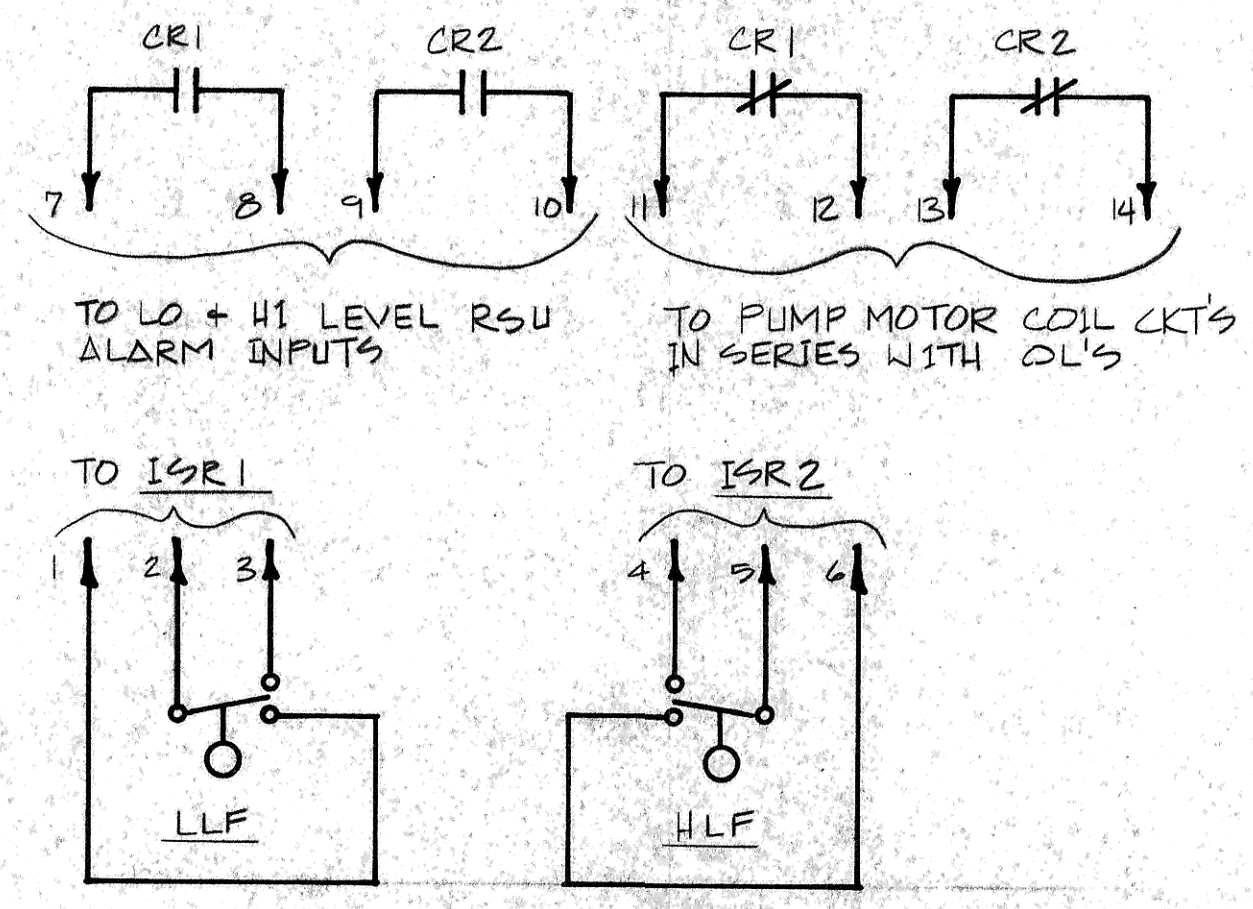


CENTRAL STATION DIAGRAM



TYPICAL REMOTE LEVEL ALARM DIAGRAM
 NOT TO SCALE

KEYS:
 ISR* = INTRINSICALLY SAFE RELAY IN RSU
 CR* = CONTROL RELAY IN RSU OR RADIO ENCL.
 LLF = LO LEVEL FLOAT IN WET WELL
 HLF = HI LEVEL FLOAT IN WET WELL
 RSU = REMOTE STATUS UNIT (RADIO EQUIP.)



*** NOTE:**
 THE ISR'S + CR'S FOR NEW LIFT STATIONS SHALL BE LOCATED IN THE STATION CONTROL PANEL BY THE PANEL MFR. + UTILIZE CONTROL PANEL POWER

LIFT STATION DIAGRAMS
 NOT TO SCALE

PHASE 2 Record Drawing

REV.	DATE	DESCRIPTION	BY

MANDAN INTERCEPTOR 1983
 MANDAN, NORTH DAKOTA

ELECTRICAL DIAGRAMS

ULTEIG ENGINEERS, INC. CONSULTING ENGINEERS • ARCHITECT
 FARGO • BISMARCK • MINNEAPOLIS

DRAWN BY: JZ SCALE: AS SHOWN PROJECT NO. 4160.01
 CHECKED BY: DAS DATE: MARCH 1984 SHEET 20 of 20
 APPROVED BY: DAS

