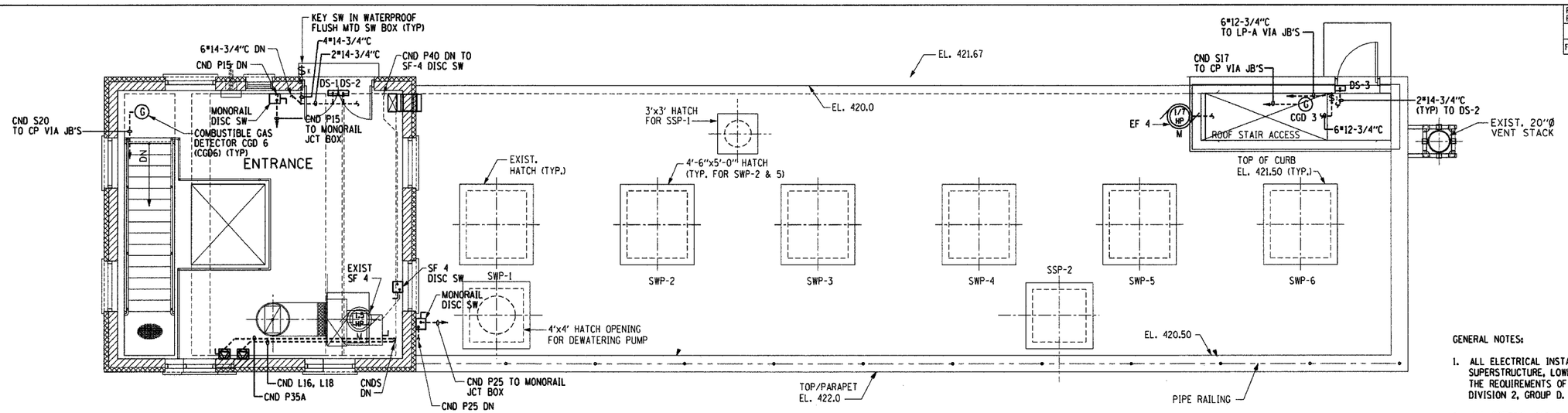
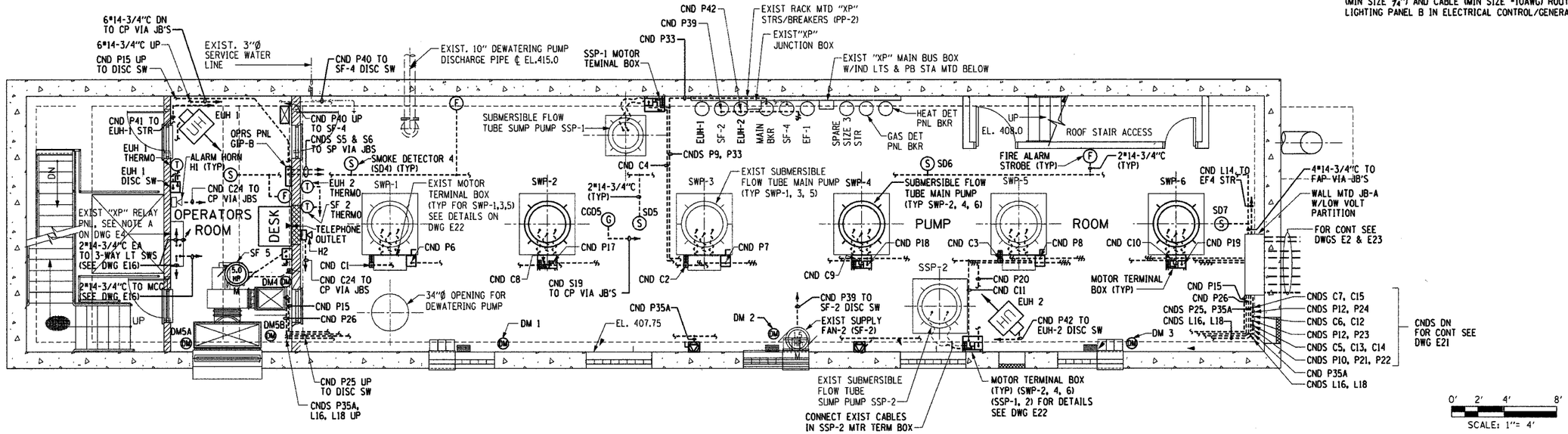
F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	82-(1,21T-17	ST. CLAIR	77	62
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PLAN @ EL. 422.0



PUMP ROOM PLAN @ EL. 408.0

GENERAL NOTES:

1. ALL ELECTRICAL INSTALLATION IN THE PUMP STATION INCLUDING SUPERSTRUCTURE, LOWER LEVELS AND STAIRWAYS, SHALL MEET THE REQUIREMENTS OF NEC HAZARDOUS LOCATION CLASS I, DIVISION 2, GROUP D.
2. ALL CONTROL CABLES SHALL BE AWG NO. 14 STRANDED, UNLESS OTHERWISE NOTED.
3. ALL CONDUIT AND PIPE PENETRATIONS, THROUGH WALL AND/OR FLOOR SLAB, BETWEEN HAZARDOUS AND/OR NON-HAZARDOUS AREAS SHALL BE GROUTED GAS TIGHT.
4. ALL FLOOR & WALL PENETRATIONS SHALL BE CORE DRILLED & SEALED WITH NON-SHRINK GROUT.
5. "2/C*18SH" REPRESENTS "2 CONDUCTOR *18 SHIELDED CABLE".
6. THE L PREFIX AS IN L14, L16, L18 ETC. DESIGNATES CONDUIT (MIN SIZE ¾") AND CABLE (MIN SIZE *10AWG) ROUTED TO LIGHTING PANEL B IN ELECTRICAL CONTROL/GENERATOR BUILDING

PLAN | SURVEYED | BY | DATE
NOTE BOOK | PLOTTED ALIGNMENT CHECKED | | |
NO. | R.O.W. CHECKED | | |
| CADD FILE NAME | | |

DATE
DATE-TIME
DGN-SPEC
REF-C
*REF-

ALVORD, BURDICK & HOWSON, L.L.C.
ENGINEERS CHICAGO

E20

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

BOWMAN AVENUE PUMP STATION REHABILITATION

POWER PLANS SHEET 1

SCALE: AS SHOWN DRAWN BY: RRA
DATE: 09-12-05 CHECKED BY: KCC

PLOT DATE: *DATE-TIME*