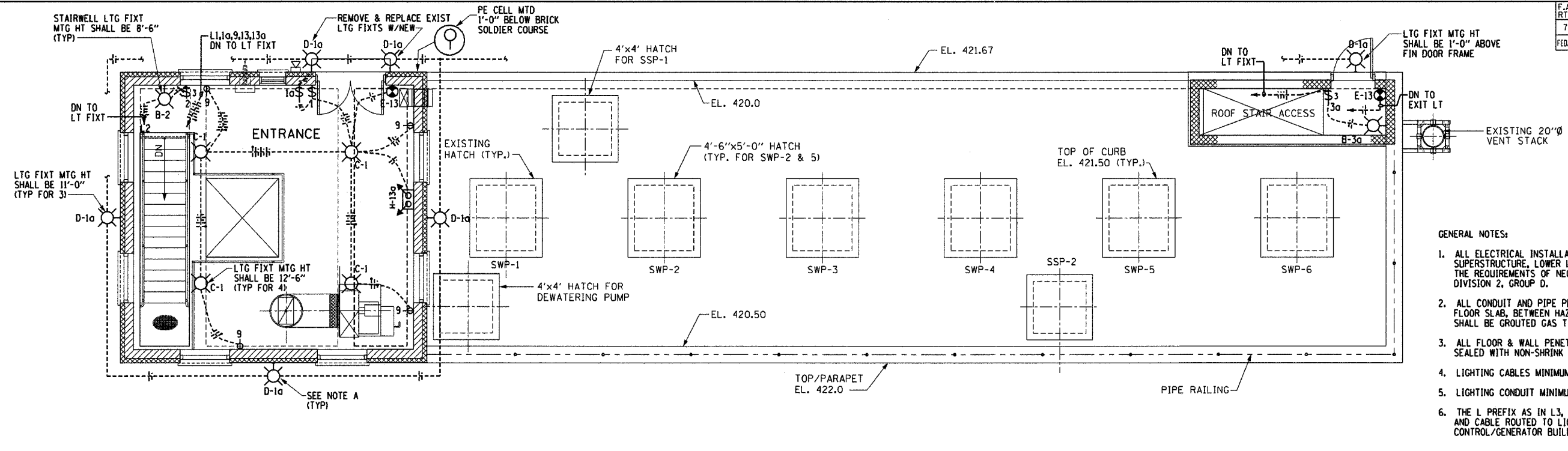


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	82-1,21T-17	ST. CLAIR	77	66
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DATE	BY



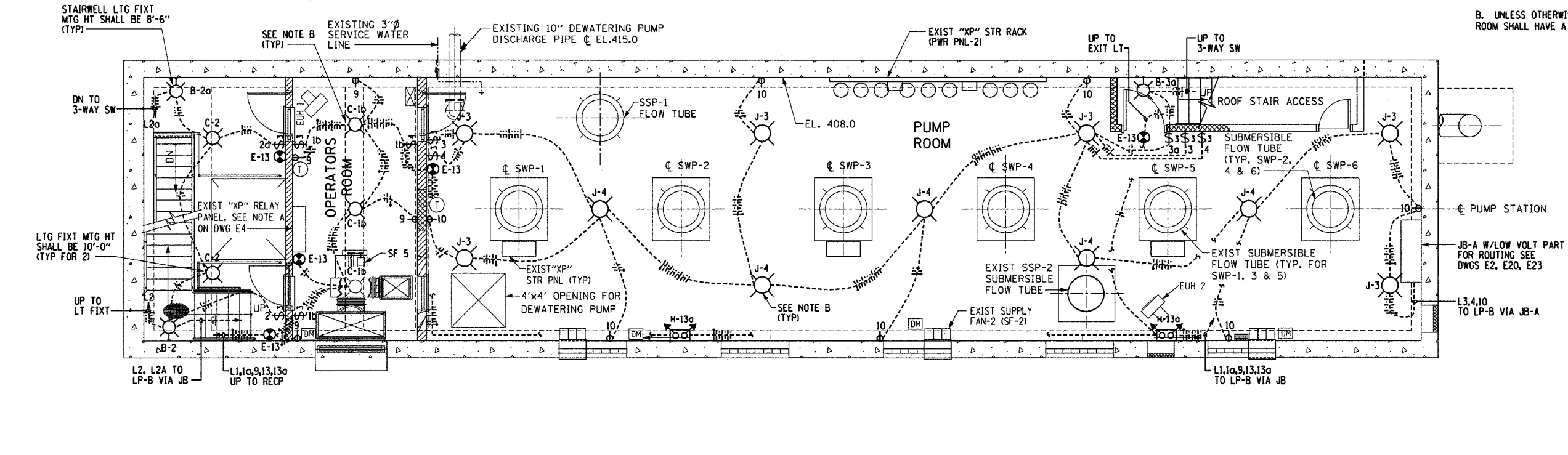
**PLAN @ EL. 422.0**

**GENERAL NOTES:**

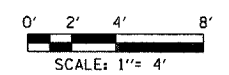
1. ALL ELECTRICAL INSTALLATION IN THE PUMP STATION INCLUDING SUPERSTRUCTURE, LOWER LEVELS AND STAIRWELLS, SHALL MEET THE REQUIREMENTS OF NEC HAZARDOUS LOCATION-CLASS 1, DIVISION 2, GROUP D.
2. ALL CONDUIT AND PIPE PENETRATIONS, THROUGH WALL AND/OR FLOOR SLAB, BETWEEN HAZARDOUS AND/OR NON-HAZARDOUS AREAS SHALL BE GROUTED GAS TIGHT.
3. ALL FLOOR & WALL PENETRATIONS SHALL BE CORE DRILLED & SEALED WITH NON-SHRINK GROUT.
4. LIGHTING CABLES MINIMUM SIZE SHALL BE #12 AWG, SOLID.
5. LIGHTING CONDUIT MINIMUM SIZE SHALL BE 1/4\"
6. THE L PREFIX AS IN L3, L4, ETC. DESIGNATES CONDUIT AND CABLE ROUTED TO LIGHTING PANEL B IN ELECTRICAL CONTROL/GENERATOR BUILDING

**NOTES:**

- A. CONDUIT SHOWN ON BUILDING EXTERIOR FOR CKT 1a SHALL BE ROUTED AS CONCEALED TYPE. THE WALL MOUNTED LIGHTING FIXTURES SHALL HAVE RECESSED TYPE JUNCTION BOXES
- B. UNLESS OTHERWISE NOTED LTG FIXTS IN OPERATORS ROOM & PUMP ROOM SHALL HAVE A 10'-0\"/>



**PLAN @ EL. 408.0**



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

REVISIONS	
NAME	DATE

**E24**

ILLINOIS DEPARTMENT OF TRANSPORTATION  
BOWMAN AVENUE PUMP STATION  
REHABILITATION

**LIGHTING PLANS SHEET 1**

SCALE: AS SHOWN  
DATE: 09-12-05  
DRAWN BY: RRA  
CHECKED BY: KCC  
PLOT DATE: \*DATE-TIME\*