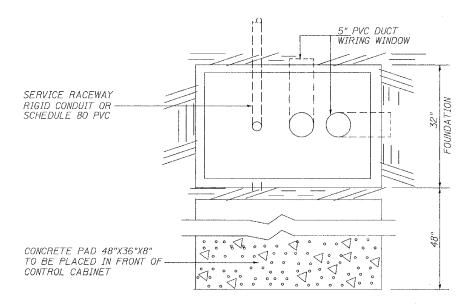
TOTAL SHEETS SMEET NO. FAU 6145 168 LASALLE FED, ROAD DIST. NO. 3 ILLINOIS PROJECT

* 01-00590-00-BR (County) CONTRACT NO. 87293

6 SHEETS

ALUMINUM CABINET WITH WEATHER RESISTANT LOCK. INSIDE CABINET DIM. 45" X EQUIPMENT MOUNTING BOARD 9" X 9" X 1" POCKET 40" X 36" X12" MINIMUM FOR DRAWING STORAGE INSULATING BUSHING- $^{5}\!_{8}$ " X 16" ANCHOR BOLTS HOT DIPPED GALVANIZED, AND THREADED 2" SEAL OPENINGS WITH DUXSEAL 1" X 45 DEGREE LID-ACCESS WALL PIPE 5" I.D. PVC 80 DUCT ⁵8X" 10'-0" GROUNDING ELECTRODE-IN ACCESS WELL *SEE GENERAL NOTES 48" CONCRETE FOUNDATION 48" X 32" X 36"

CONTROLLER CABINET DETAIL FRONT VIEW



CONTROLLER CABINET BASE DETAIL

FRONT VIEW

GENERAL NOTES

* THE COMPLETED CONTROLLER SHALL CONFORM TO THE REQUIREMENTS OUTLINED IN SEC. 1068.01 OF THE STANDARD SPECIFICATIONS FOR A SINGLE DOOR ENCLOSURE.

SERVICE TO CONTROLLER SHALL BE 120/240 VOLTS,

PROVIDE 1-2 POLE 20 AMP AND 1-1 POLE 20 AMP CIRCUIT BREAKERS FOR LIGHTING AND RECEPTACLE CIRCUITS. ALSO PROVIDE 1-20 AMP 2 POLE AND 2-20 AMP 1 POLE SPARE CIRCUIT BREAKERS.

WIRING IN CABINET SHALL BE SWITCHBOARD TYPE. WIRING TO RUN HORIZONTALLY AND VERTICALLY ALIGNED. LACE OR TIE WRAP WIRES FOR A NEAT AND PROFESSIONAL

ALL CONTROL EQUIPMENT TO BE U.L. LISTED.

LABEL PHASE, NEUTRAL AND GROUND TERMINALS.

UNDERGROUND SERVICE ENTRANCE -TOTAL SERVICE FROM TRANSFORMER TO CONTROLLER-NOT TO EXCEED 70 FEET (INCLUDES OVERHEAD AND

*REFER TO ARTICLE 825 FOR GROUND ROD ACCESS WELL AND ARTICLE 1087.01 (c) FOR MATERIAL AND SIZE.

CONTROLLER INSTALLATION FAU ROUTE 6145 OVER BNSF RAILROAD SECTION 01-00590-00-BR (COUNTY) LASALLE COUNTY STATION 21+75,75 STR. NO. 050-8023

> HUTCHISON ENGINEERING, INC. JACKSONVILLE & JOLIET, ILLINOIS