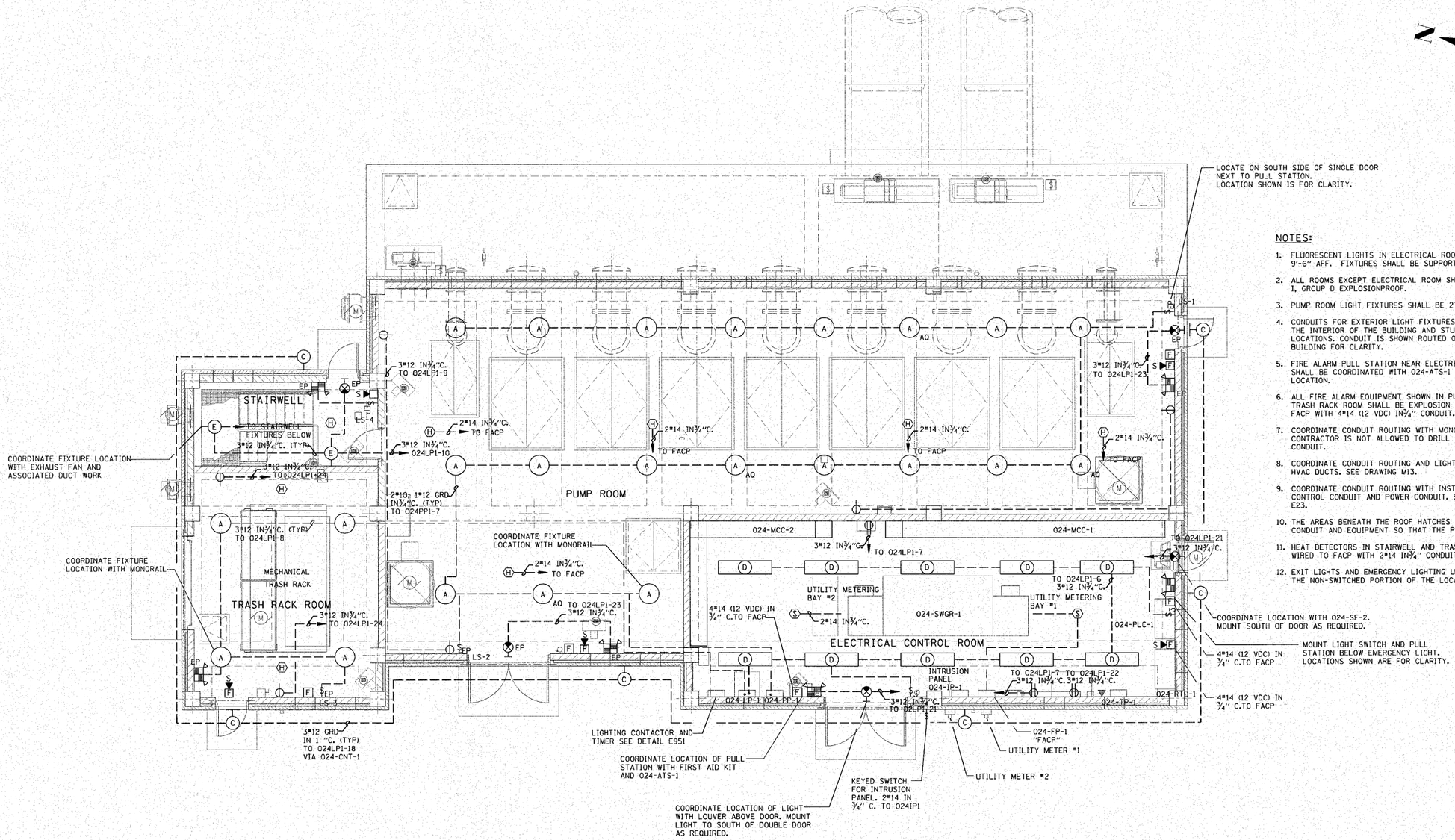
F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	0102.1 S	COOK	107	92
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PLAN @ EL. 640.50

NOTES:

1. FLUORESCENT LIGHTS IN ELECTRICAL ROOM SHALL BE MOUNTED 9'-6" AFF. FIXTURES SHALL BE SUPPORTED FROM CEILING.
2. ALL ROOMS EXCEPT ELECTRICAL ROOM SHALL BE CLASS I, DIVISION I, GROUP D EXPLOSIONPROOF.
3. PUMP ROOM LIGHT FIXTURES SHALL BE 277VOLT, SINGLE PHASE.
4. CONDUITS FOR EXTERIOR LIGHT FIXTURES SHALL BE ROUTED ON THE INTERIOR OF THE BUILDING AND STUB OUT AT FIXTURE LOCATIONS. CONDUIT IS SHOWN ROUTED ON THE OUTSIDE OF THE BUILDING FOR CLARITY.
5. FIRE ALARM PULL STATION NEAR ELECTRICAL ROOM DOUBLE DOOR SHALL BE COORDINATED WITH 024-ATS-1 AND FIRST AID KIT LOCATION.
6. ALL FIRE ALARM EQUIPMENT SHOWN IN PUMP ROOM, STAIRWELL, AND TRASH RACK ROOM SHALL BE EXPLOSION PROOF AND WIRED TO FACP WITH 4#14 (12 VDC) IN¾" CONDUIT.
7. COORDINATE CONDUIT ROUTING WITH MONORAILS. SEE DRAWING S5. CONTRACTOR IS NOT ALLOWED TO DRILL CONCRETE BEAMS FOR CONDUIT.
8. COORDINATE CONDUIT ROUTING AND LIGHT FIXTURE LOCATIONS WITH HVAC DUCTS. SEE DRAWING M13.
9. COORDINATE CONDUIT ROUTING WITH INSTRUMENTATION AND CONTROL CONDUIT AND POWER CONDUIT. SEE DRAWINGS E16 AND E23.
10. THE AREAS BENEATH THE ROOF HATCHES SHALL REMAIN CLEAR OF CONDUIT AND EQUIPMENT SO THAT THE PUMPS CAN BE REMOVED.
11. HEAT DETECTORS IN STAIRWELL AND TRASH RACK ROOM SHALL BE WIRED TO FACP WITH 2#14 IN¾" CONDUIT.
12. EXIT LIGHTS AND EMERGENCY LIGHTING UNITS SHALL BE WIRED TO THE NON-SWITCHED PORTION OF THE LOCAL LIGHTING CIRCUITS.

SCALE: 0 4 8 12

E19

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PUMP STATION NO. 24 RELOCATION

ELECTRICAL LIGHTING PLAN SHEET 3.

SCALE: AS SHOWN DRAWN BY: MS

DATE: 11-22-10 CHECKED BY: MS

DONOHUE & ASSOCIATES