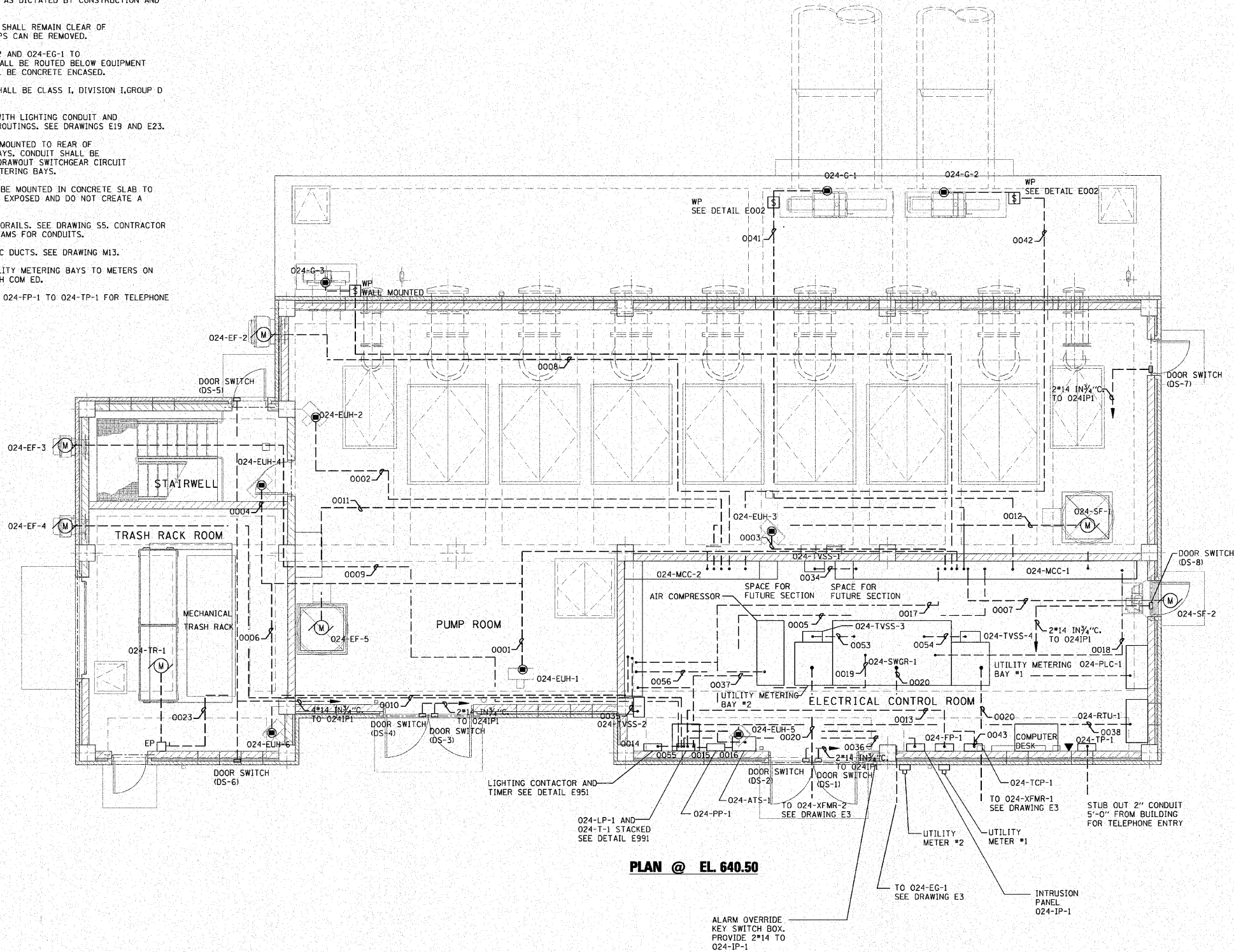


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	0102.1 S	COOK	107	89
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

NOTES:

- SEE DRAWING E34 FOR CONDUCTOR AND CONDUIT REQUIREMENTS.
- CONTRACTOR IS RESPONSIBLE FOR VERIFYING NUMBER OF CONDUCTORS IN CONDUIT PRIOR TO INSTALLATION. LOCATION OF BRANCH AND SWITCH LEGS AS INDICATED MAY BE ROUTED DIFFERENTLY AS DICTATED BY CONSTRUCTION AND SPECIFICATIONS.
- THE AREAS BENEATH THE ROOF HATCHES SHALL REMAIN CLEAR OF CONDUITS AND EQUIPMENT SO THAT PUMPS CAN BE REMOVED.
- CONDUITS FROM 024-XFMR-1, 024-XFMR-2 AND 024-EG-1 TO 024-SWGR-1,024-PLC-1, AND 024-PP-1 SHALL BE ROUTED BELOW EQUIPMENT THRU DISCHARGE LEVEL. CONDUITS SHALL BE CONCRETE ENCASED.
- ALL ROOMS EXCEPT ELECTRICAL ROOM SHALL BE CLASS I, DIVISION I, GROUP D EXPLOSION PROOF.
- COORDINATE POWER CONDUIT ROUTINGS WITH LIGHTING CONDUIT AND INSTRUMENTATION & CONTROL CONDUIT ROUTINGS. SEE DRAWINGS E19 AND E23.
- 024-TVSS-3 AND 024-TVSS-4 SHALL BE MOUNTED TO REAR OF SWITCHBOARD CONSTRUCTED METERING BAYS. CONDUIT SHALL BE ROUTED FROM TVSS UNIT DIRECTLY TO DRAWOUT SWITCHGEAR CIRCUIT BREAKER. CONDUIT SHALL NOT ENTER METERING BAYS.
- CONDUITS FROM EXTERIOR GATES SHALL BE MOUNTED IN CONCRETE SLAB TO BUILDING SUCH THAT CONDUITS ARE NOT EXPOSED AND DO NOT CREATE A TRIPPING HAZARD.
- COORDINATE CONDUIT ROUTING WITH MONORAILS. SEE DRAWING S5. CONTRACTOR IS NOT ALLOWED TO DRILL CONCRETE BEAMS FOR CONDUITS.
- COORDINATE CONDUIT ROUTING WITH HVAC DUCTS. SEE DRAWING M13.
- PROVIDE A 1½" GRS CONDUIT FROM UTILITY METERING BAYS TO METERS ON EXTERIOR OF BUILDING. COORDINATE WITH COM ED.
- PROVIDE A DEDICATED¾" CONDUIT FROM 024-FP-1 TO 024-TP-1 FOR TELEPHONE LINE TO FIRE PANEL.



SCALE: 0 4 8 12

E16

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION	
PUMP STATION NO. 24 RELOCATION	
ELECTRICAL POWER PLAN SHEET 2.	
SCALE: AS SHOWN	DRAWN BY: MS
DATE: 11-22-10	CHECKED BY: MS