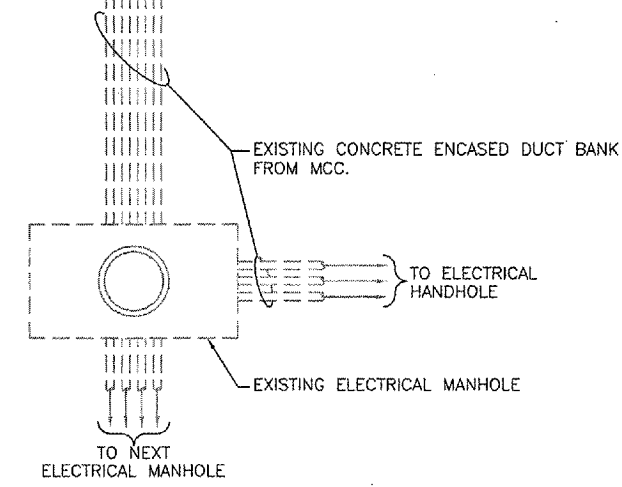


PLAN VIEW
 1/4" = 1'-0"

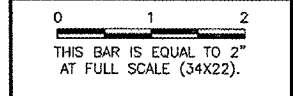
ALL ELECTRICAL WORK INSIDE CHEMICAL/ELECTRICAL BUILDING AND ALL CABLING/CONDUIT BETWEEN SANITARY LIFT STATION, MAGMETER VAULT AND CHEMICAL/ELECTRICAL BUILDING SHALL BE PAID UNDER LUMP SUM PAY ITEM OF CHEMICAL/ELECTRICAL BUILDING MODIFICATIONS, PAY ITEM 800132



NOMENCLATURE

- ① EXISTING MOTOR CONTROL CENTER (MCC). INSTALL NEW 1-100 AMP, 3-POLE CIRCUIT BREAKER IN SPARE SECTION. INSTALL LABEL "SANITARY LIFT STATION". MATCH EXISTING CONDITIONS.
- ② NEW SANITARY LIFT STATION CONTROLLER IN NEMA 12 ENCLOSURE MOUNTED ON WALL. SEE SANITARY LIFT STATION CONTROLLER SCHEMATIC. MOUNT FLOW INDICATOR ON THE DOOR.
- ③ NEW 2" GRS CONDUIT WITH 3 #2 THWN, 1 #6 GND.
- ④ NEW 1-1/2" GRS CONDUIT WITH 10 CONDUCTORS FOR MULTITRODE PROBE, AND 2-1/C #16 SHIELDED CABLE FOR FLOW INDICATOR.
- ⑤ NEW 2" GRS CONDUIT WITH 6 #4 XLP-USE AND 2 #6 GND.
- ⑥ NEW 8"x8"x6" JUNCTION BOX.
- ⑦ NEW 12"x12"x8" JUNCTION BOX.
- ⑧ NEW 1-1/2" "LB" MOUNTED MINIMUM 8'-0" AFF.
- ⑨ NEW 1-1/2" CONDUIT WITH 3 #4 XLP-USE, 1 #6 GND. TO SANITARY LIFT STATION.
- ⑩ NEW 1-1/2" CONDUIT WITH 10 CONDUCTORS FOR MULTITRODE PROBE TO SANITARY LIFT STATION.
- ⑪ NEW 1" "LB" MOUNTED MINIMUM 8'-0" AFF (TYP OF 2)
- ⑫ NEW 1" CONDUIT WITH 2-1/C #16 SHIELDED CABLE TO FLOW METER
- ⑬ NEW 1" CONDUIT WITH 2 #12 XLP-USE, 1 #12 GND. TO FLOW METER
- ⑭ NEW 3/4" GRS CONDUIT WITH 2 #12 XLP-USE, 1 #12 GND. TO EXISTING LIGHTING PANEL IN MCC. INSTALL 1-20A, 1-POLE C.B.
- ⑮ VAPOR PROOF ALARM LIGHT WITH 100 WATT BULB, RED GLOBE AND GUARD.
- ⑯ SENSAPHONE CELL PHONE DIALER, MODEL 1800 OR APPROVED EQUAL.
- ⑰ NEW 6 # 12 THWN IN 3/4" CONDUIT.

REVISIONS		
NUMBER	BY	DATE



**CHICAGO ROCKFORD INTERNATIONAL AIRPORT
 ROCKFORD, ILLINOIS**

CHEMICAL/ELECTRICAL BUILDING PLAN

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Chicago Rockford International Airport

DESIGN BY:	AB
DRAWN BY:	JRO
CHECKED BY:	AB
APPROVED BY:	
DATE:	02/29/08
JOB No:	07258-06
ILLINOIS PROJECT:	RFD-3787
A.I.P. PROJECT:	3-17-0088-XX
FINAL SUBMITTAL	
SHEET 76 OF 83 SHEETS	