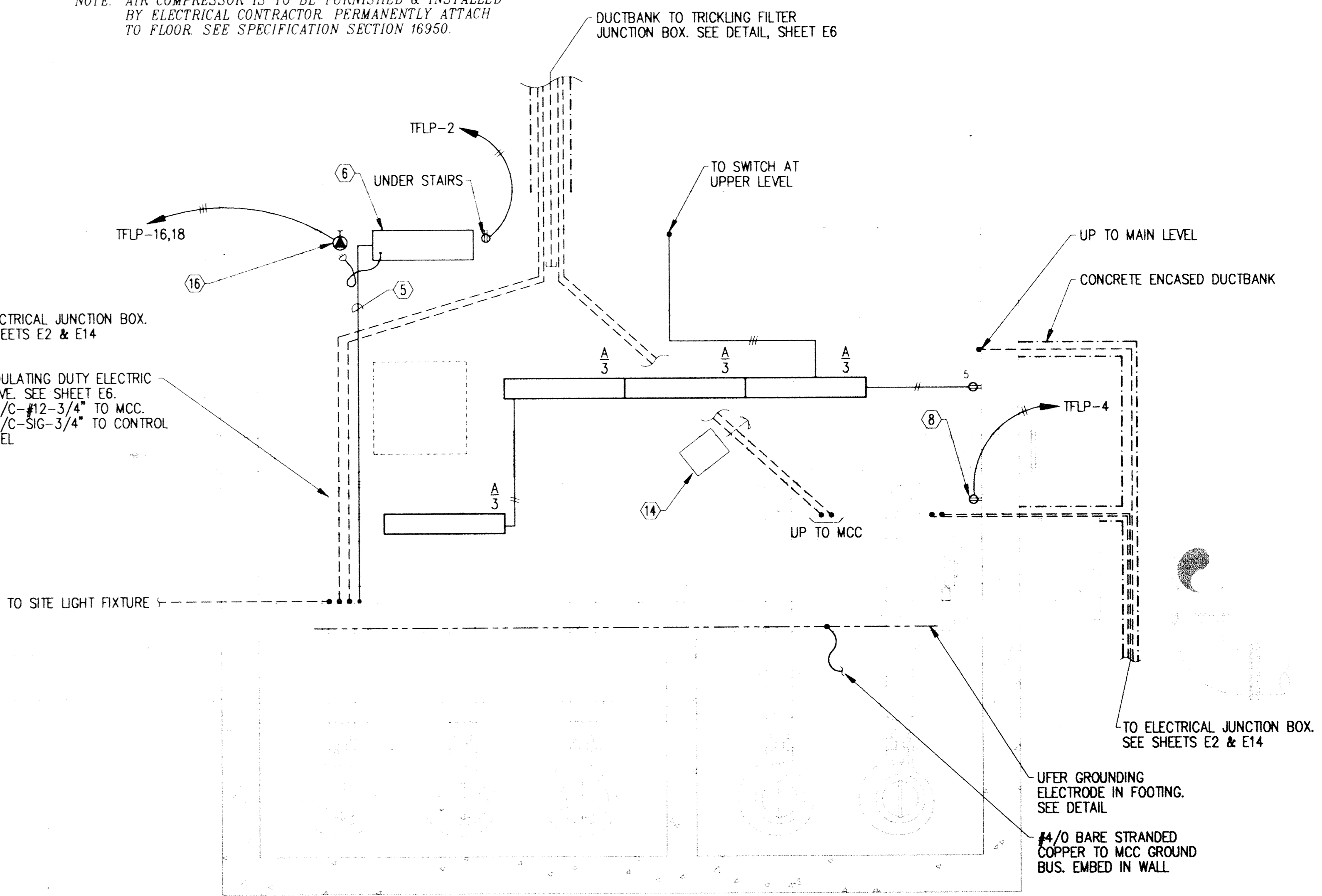
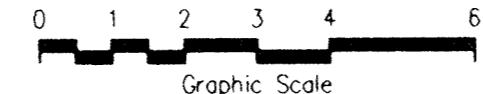


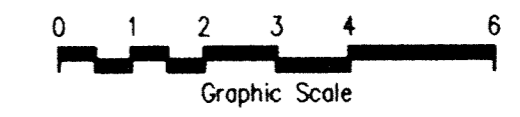
NOTE: AIR COMPRESSOR IS TO BE FURNISHED & INSTALLED BY ELECTRICAL CONTRACTOR. PERMANENTLY ATTACH TO FLOOR. SEE SPECIFICATION SECTION 16950.

MODULATING DUTY ELECTRIC VALVE. SEE SHEET E6. 3-1/C-#12-3/4" TO MCC. 1-2/C-SIG-3/4" TO CONTROL PANEL.

TRICKLING FILTER PUMP STATION ELECTRICAL PLAN
SCALE: 3/8" = 1'-0"
MAIN LEVEL



TRICKLING FILTER PUMP STATION ELECTRICAL PLAN
SCALE: 3/8" = 1'-0"
LOWER LEVEL



NUMBERED NOTES

- ① TRICKLING FILTER PUMP STATION EXHAUST FAN. 3/4hp, 480 VOLT, 3ø W/ 120VAC MOTORIZED DAMPER. SEE MCC ONE-LINE DIAGRAM & SCHEMATIC
- ② INTAKE AIR DUCTING W/ 120VAC MOTORIZED DAMPER. CONFIRM EXACT LOCATION OF DAMPER. SEE MCC TRICKLING FILTER PUMP STATION EXHAUST FAN ONE-LINE DIAGRAM & SCHEMATIC
- ③ TRICKLING FILTER PUMP STATION EXHAUST FAN THERMOSTAT. SEE MCC ONE-LINE DIAGRAM & SCHEMATIC
- ④ TRICKLING FILTER PUMP STATION 480:120/208 VOLT TRANSFORMER & PANEL TFLP. SEE MCC ONE-LINE DIAGRAM & PANELBOARD SCHEDULE. GROUND PANEL TFLP PER 1990 NEC ARTICLE 250
- ⑤ 3/8" NYLON AIR LINE IN 3/4" CONDUIT TO CONTROL PANEL.
- ⑥ AIR COMPRESSOR UNDER STAIR. COORDINATE EXACT LOCATION. SEE SHEET E12.
- ⑦ 3/8" AIR LINE IN 3/4" CONDUIT FROM CONTROL PANEL TO TRICKLING FILTER WETWELL.
- ⑧ SUMP PUMP OUTLET. COORDINATE EXACT LOCATION.
- ⑨ 2-1/C-#12-1/2" FROM CONTROL PANEL TO TFLP-1.
- ⑩ TRICKLING FILTER PUMP STATION JUNCTION BOX. SEE DETAIL, SHEET E6.
- ⑪ TRICKLING FILTER PUMP STATION CONTROL JUNCTION BOX. SEE DETAIL, SHEET E6.
- ⑫ 2" GALVANIZED RIGID STEEL CONDUIT FROM DUCTBANK. STUB UP 12" ABOVE FLOOR AT THIS POINT.
- ⑬ HEAT THERMOSTAT. 2-1/C-#14-1/2" TO UNIT HEATER AT LOWER LEVEL.
- ⑭ GAS UNIT HEATER. 2-1/C-#12-1/2" TO TFLP-7. 2-1/C-#14-1/2" TO THERMOSTAT AT UPPER LEVEL.
- ⑮ CONTROL CONDUIT. SEE CONTROL PANEL & MCC ONE-LINE DIAGRAM.
- ⑯ L6-2ØR. INSTALL MATCHING PLUG ON COMPRESSOR. 3-1/C-#12-1/2" TO TFLP.

This drawing was prepared by:
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I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
[Signature]
DATE: *March 1993* REG. NO. 9955



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REVISIONS	DATE	DESCRIPTION

DESIGNED	PFK
CHECKED	PFK
DRAWN	DTB
GRAPHIC SCALE	
0	HORIZ.
0	VERT.

CITY OF ELK RIVER
WASTEWATER TREATMENT FACILITIES
TRICKLING FILTER PUMP STATION ELECTRICAL PLANS
DATE DEC 1993 SHEET 32 OF 41 SHEETS PROJECT NO. 230-151