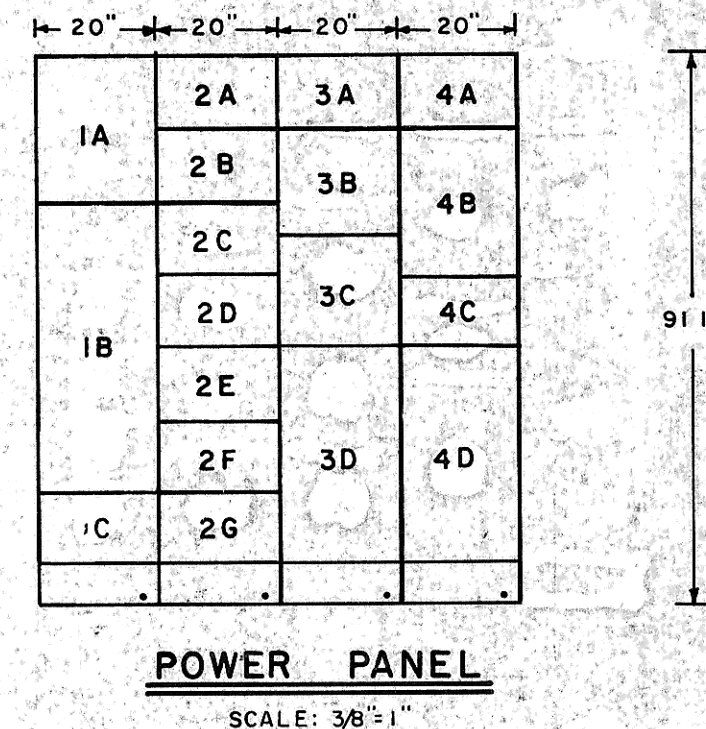
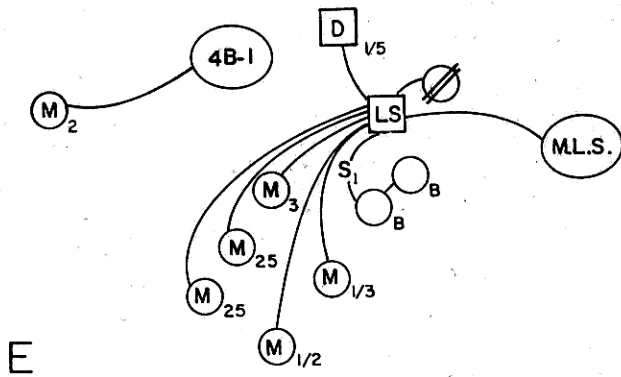


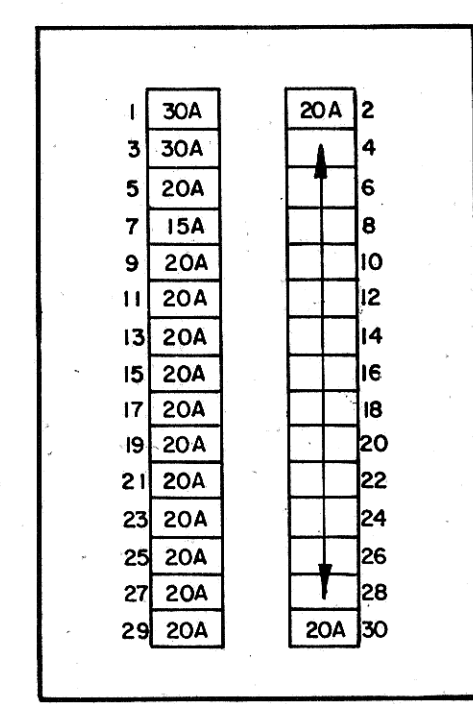
SCALE: 1" = 4'



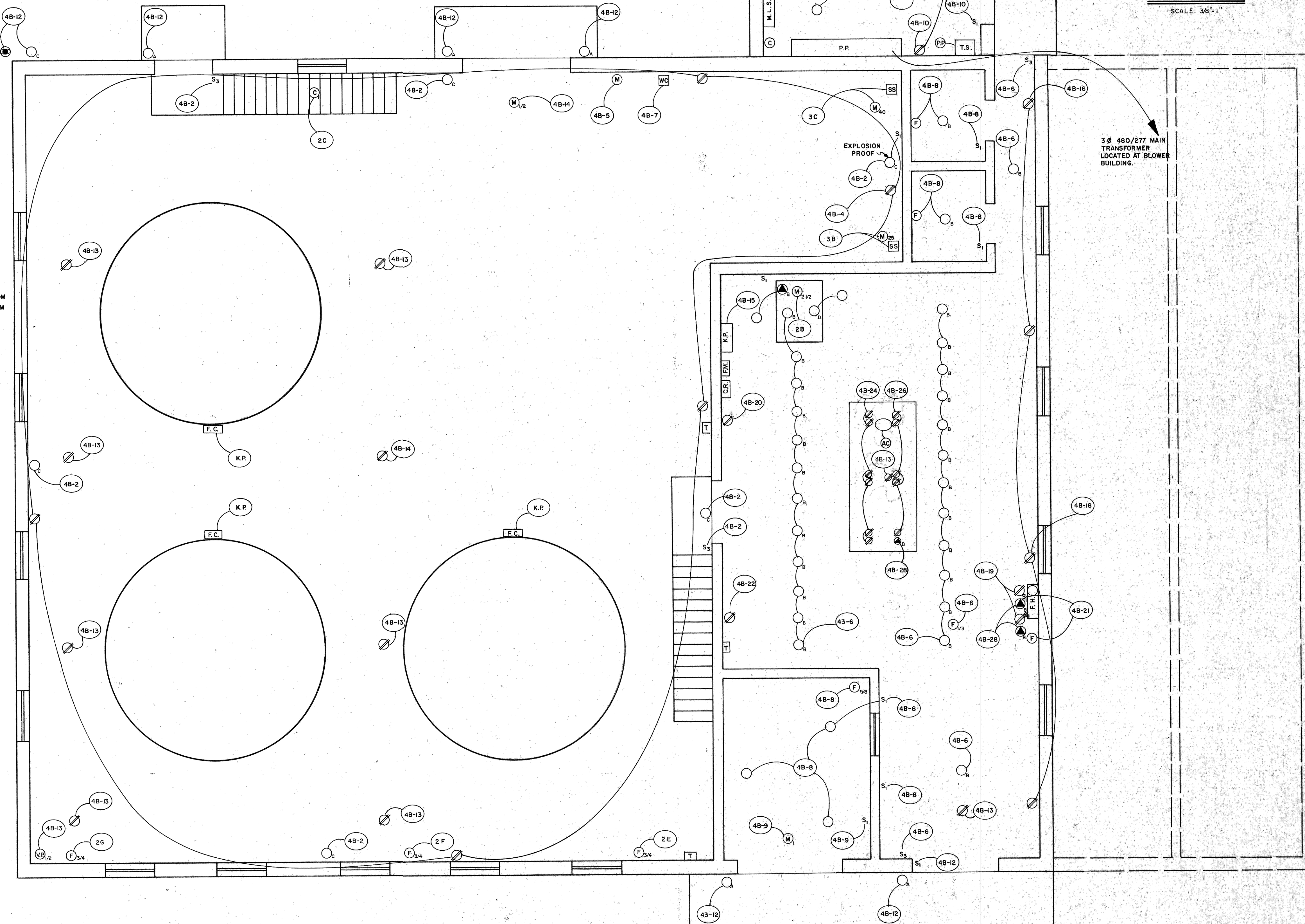
- 1A - SPARE
- 1B - MAIN BREAKER
- 1C - SPARE
- 2A - SPARE
- 2B - CHLORINATOR
- 2C - COMPRESSOR
- 2D - WELL
- 2E - FAN
- 2F - FAN
- 2G - FAN
- 3A - SPARE
- 3B - SURFACE WASH PUMP
- 3C - BACKWASH PUMP
- 3D - LIFT STATION
- 4A - SPARE
- 4B - LIGHT PANEL
- 4C - TRANSFORMER DISCONNECT
- 4D - LIGHT TRANSFORMER

**LIGHT PANEL LEGEND**

- 1 - WELL
- 3 - (240 V.)
- 5 - BOOSTER PUMP
- 7 - WELL CONTROL
- 9 - CL. HOIST & FAN
- 11 - CHLORINATOR
- 13 - CO-RAY-VAC HEATER
- 15 - KEYSTONE PANEL
- 17 - FLOW METER & REC.
- 19 - FUME HOOD
- 21 - FUME HOOD
- 23 - FUME HOOD
- 25 - (240 V.)
- 27 - SPARE
- 29 - SPARE
- 2 - LIGHTS FILTER ROOM
- 4 - RECEPT FILTER ROOM
- 6 - LIGHTS LAB
- 8 - LIGHTS TOILET & CL. ROOM
- 10 - LIGHTS GENERATOR ROOM
- 12 - LIGHTS OUTSIDE
- 14 - HOIST FILTER ROOM
- 16 - RECEPT LAB
- 18 - RECEPT LAB
- 20 - RECEPT W LAB
- 22 - RECEPT W LAB
- 24 - RECEPT LAB
- 26 - RECEPT LAB
- 28 - LAB TAB. E
- 30 - (240 V.)



**4B-LIGHT PANEL**



**LEGEND**

- S<sub>1</sub> - SINGLE POLE SWITCH
- S<sub>2</sub> - DOUBLE POLE SWITCH
- S<sub>3</sub> - THREE WAY SWITCH
- ⊕ - TRANSFORMER
- ⊕ - LIGHT PANEL
- ⊕ - POWER PANEL
- ⊕ - EXPLOSION PROOF DUPLEX OUTLET
- ⊕ - ELECTRIC EYE
- ⊕ - INSIDE LIGHTS (180 WATTS)
- ⊕ - OUTSIDE LIGHTS (100 WATTS)
- ⊕ - INSIDE LIGHTS (80 WATTS)
- ⊕ - ELECTRIC MOTOR AND HORSEPOWER
- ⊕ - DUPLEX OUTLETS (110 VOLTS)
- ⊕ - FAN AND HORSEPOWER
- ⊕ - VACUUM PUMP AND HORSEPOWER
- ⊕ - COMPRESSOR AND HORSEPOWER
- ⊕ - HOT WATER HEATER
- ⊕ - 240 VOLT OUTLET
- ⊕ - OUTSIDE DUPLEX OUTLET
- ⊕ - FLOOD LIGHTS (150 WATTS)
- ⊕ - KEYSTONE PANEL
- ⊕ - FILTER CONTROLS
- ⊕ - CHART RECORDER
- ⊕ - FLOW METER PANEL
- ⊕ - TELEPHONE EQUIPMENT
- ⊕ - AIR CONDITIONER
- ⊕ - FUME HOOD
- ⊕ - TRANSFER SWITCH
- ⊕ - SAFETY SWITCH
- ⊕ - LIFT STATION PANEL
- ⊕ - BLUBBER CONTROL PANEL
- ⊕ - VAPOR PROOF LIGHT (200 WATTS)
- ⊕ - MAIN LIFT STATION PANEL
- ⊕ - DEHUMIDIFIER & HORSE POWER
- ⊕ - WELL CONTROL
- ⊕ - PANEL 4B - BREAKER 7

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UPGRADING WASTEWATER TREATMENT FACILITIES INCREMENT I  
 CONTRACTOR'S RECORD DRAWINGS (AS BUILT)  
 EPA NO. C380325-03  
 CITY OF MANDAN, N. D.

CITY PROJECT NO-SEWER IMPROVEMENT DISTRICT NO-17

ELECTRICAL LAYOUT

DRAWN BY: T. J. J. / 7-2-81  
 CHECKED BY:  
 REVISIONS:  
 SHEET NUMBER  
 5-C  
 OF 23 SHEETS