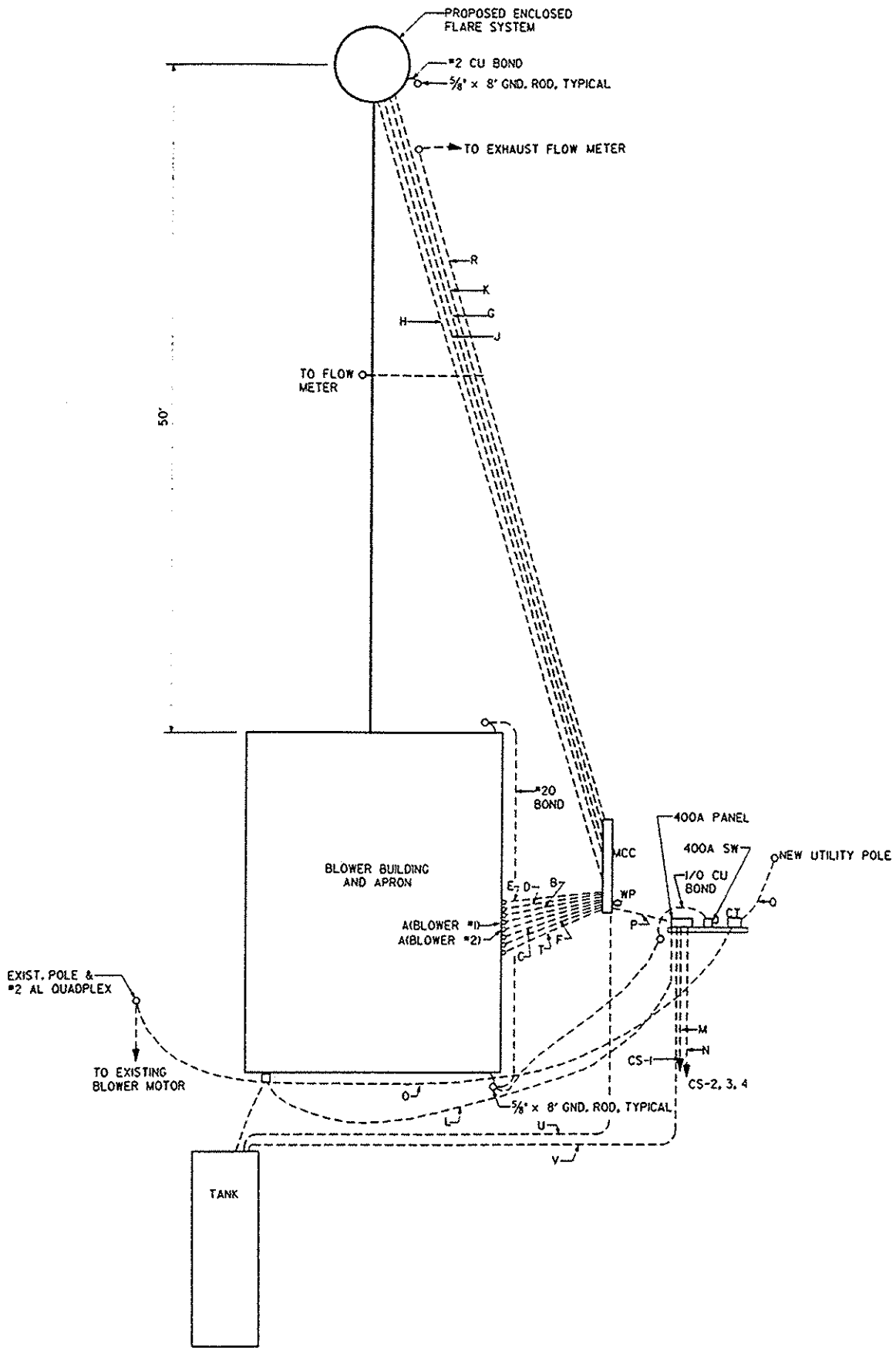
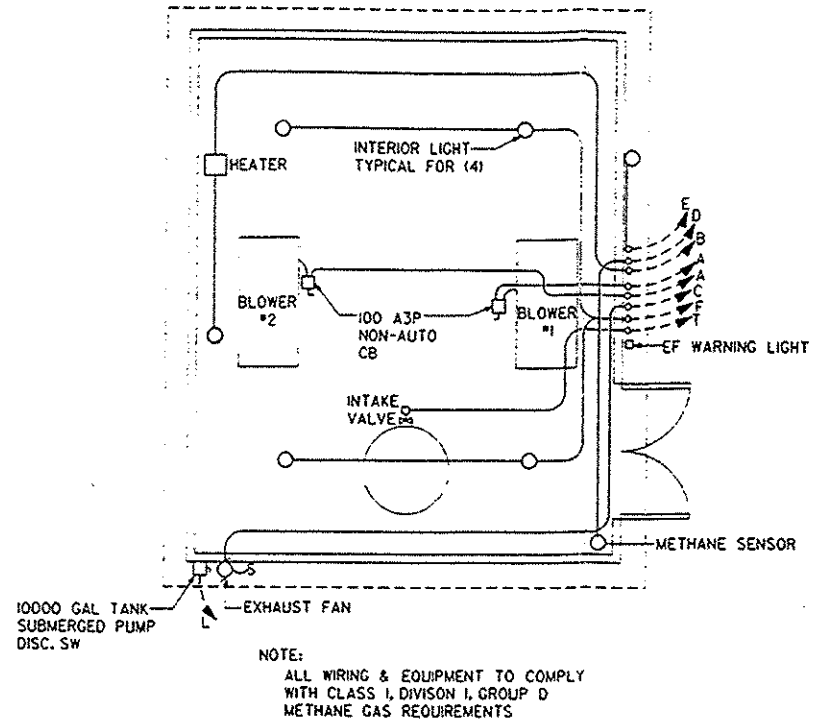


BLOWER BUILDING & FLARE ELECTRICAL PLAN

NOT TO SCALE



NOTE:
ALL WIRING & EQUIPMENT TO COMPLY WITH CLASS I, DIVISON I, GROUP D METHANE GAS REQUIREMENTS

ELECTRICAL PLAN - BLOWER BUILDING

SCALE: 1/4" = 1'-0"

FEEDER SCHEDULE

A - BLOWER - 3#4 CU THWN, 1#8 CU GND - 1 1/4"C
B - HEATER - 3#12 CU THWN, 1#12 CU GND - 3/4"C
C - EXHAUST FAN & EF WARNING LT. - 4#12 CU THWN, 1#12 CU GND - 3/4"C
D - METHANE SENSOR - 3C 18 GA. SHIELDED CABLE - 3/4"C
E - EXTERIOR LIGHT - 2#12 CU THWN, 1#12 CU GND - 3/4"C
F - INTERIOR LIGHTS - 2#12 CU THWN, 1#12 CU GND - 3/4"C
G - PURGE - 3#12 CU THWN, 1#12 CU GND - 3/4"C
H - IGNITION - 3/4"C WITH H.V. IGNITOR CABLE
J - THERMOCOUPLE - 3/4"C WITH 3 THERMOCOUPLE CABLES
K - FLAME - 3/4"C WITH FLAME SENSOR & ROVAC CONTROL
L - TANK PUMP - 3#12 CU THWN, 1#12 CU GND - 3/4"C
M - CS-1 - 3#8 CU THWN, 1#8 CU GND - 1"C
N - CS-2, 3, 4 - 6#8 CU THWN, 3#6 CU THWN, 1#8 CU GND - 1 1/2"C
O - EXIST. BLOWER MOTOR 3#10 CU THWN, 1#10 CU GND - 3/4"C
P - MCC FEEDER - 3-3/0 CU THWN, 1#6 CU GND - 2"C
Q - SERVICE ENTRANCE - 4-350MCM CU THW-3"C RISER
R - FLOW METER - (2) #13GA 2 TW PAIR CABLES - 3/4"C
T - INTAKE VALVE - 6#14 CU THWN, #14 CU GND - 3/4"C
U - HIGH LEVEL ALARM - 2#14 CU THWN - 3/4"C
V - LEAK DETECTION - 4#14 CU THWN - 3/4"C

REV	DESCRIPTION	DATE	BY

BFI
BROWNING-FERRIS INDUSTRIES
GAS SYSTEMS
757 N. ELDRIDGE - P.O.BOX 3151 - HOUSTON, TEXAS 77253 - (713) 870-8100

SCALE	N.T.S.
DATE	AUG. 1991
DRAWN BY	D.A.W.
DESIGNED BY	A.D.W.
APPROVED BY	
PROJECT NUMBER	

TITLE: BLOWER BUILDING ELECTRICAL LAYOUT (AS-BUILT)

PROJECT NAME AND LOCATION: GAS EXTRACTION SYSTEM
SANDCREEK LANDFILL
DENVER, COLORADO

DRAWING NUMBER

SHEET 18