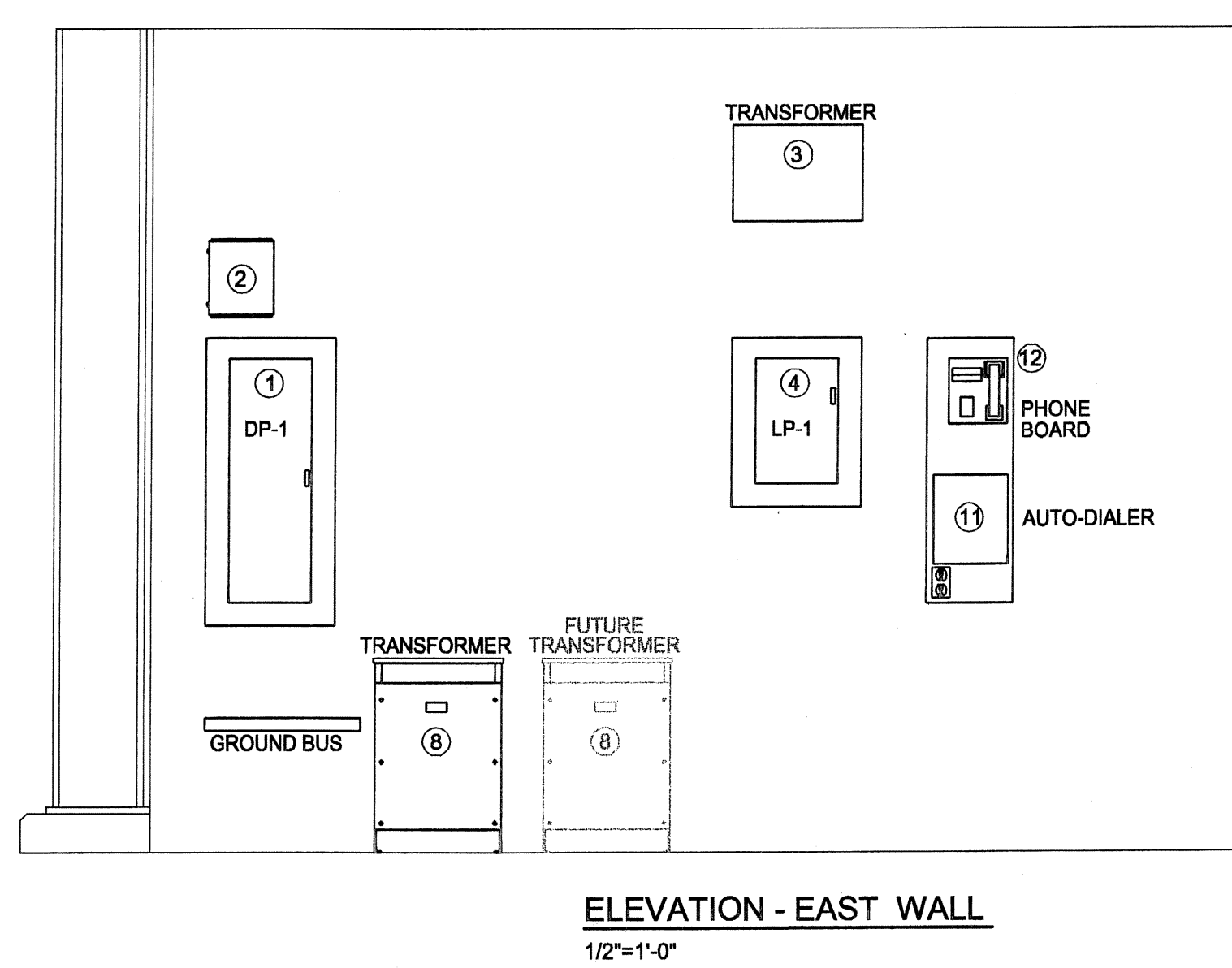
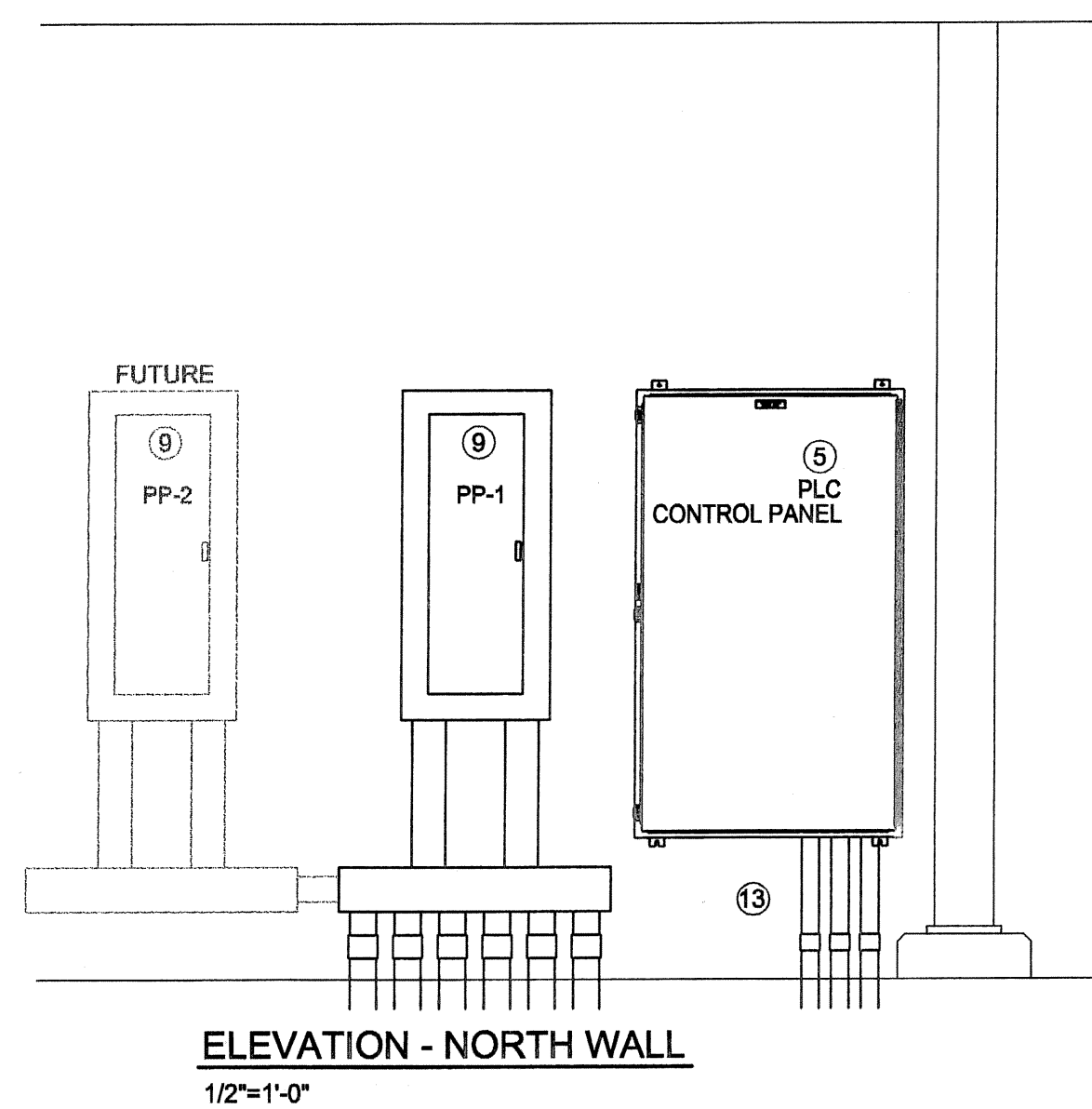
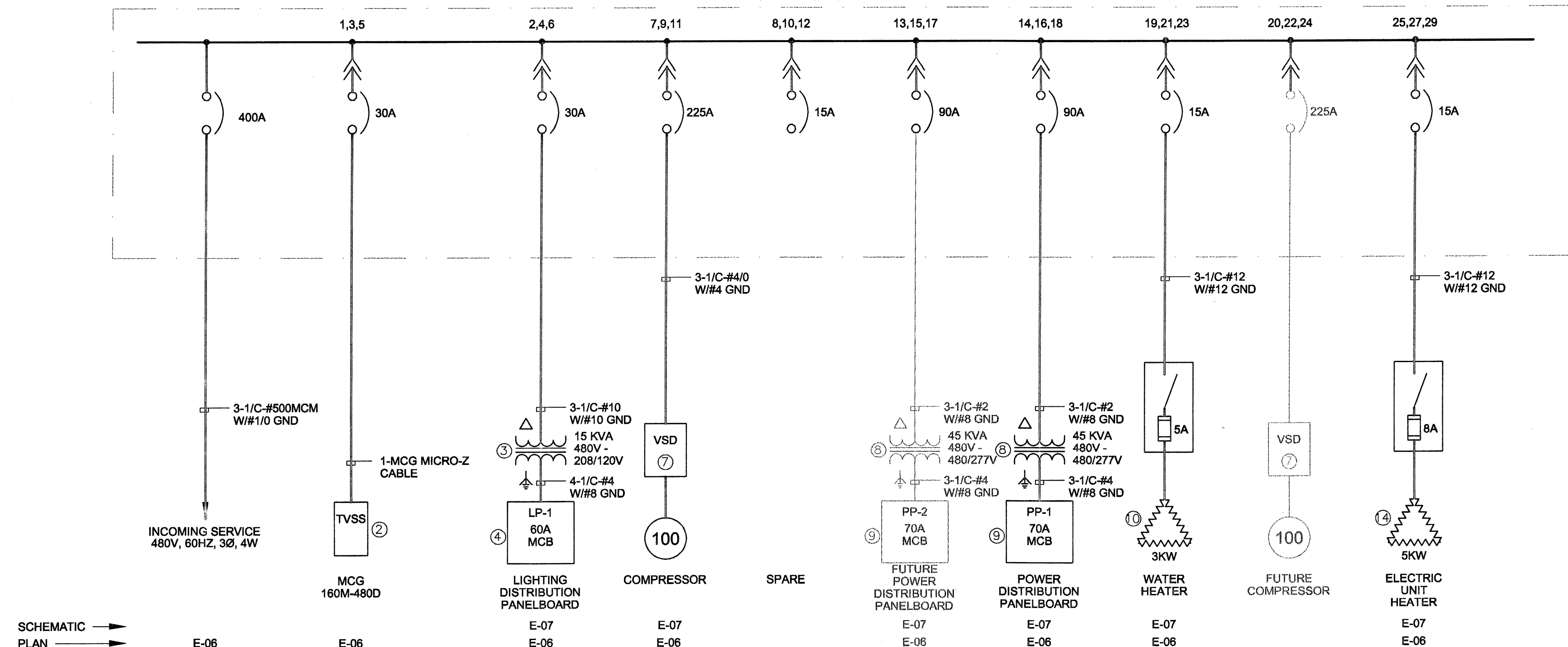


① PANEL DP-1 480V, 400A, 3Ø, 3W, 35 kA



EQUIPMENT SCHEDULE

ITEM	DESCRIPTION	MANUFACTURER/TRADE NAME	PART/MODEL NUMBER
①	DISTRIBUTION PANELBOARD, DP1	SQUARE-D	TYPE NF NEMA 12
②	TRANSIENT VOLTAGE SURGE SUPPRESSOR	MCG	160M-480D W/CONNECTING MICRO-Z CABLE
③	TRANSFORMER, 15KVA, 480=208/120V	SQUARE-D	15T2F
④	DISTRIBUTION LIGHTING PANEL	SQUARE-D	NQOD, NEMA 12, QOB CB'S
⑤	PLC CONTROL PANEL		
⑥	COMBINATION, SIZE 1 FVNR-STARTER	CUTLER-HAMMER	FREEDOM, NEMA 12
⑦	COMPRESSOR CONTROL PANEL VSD	SUPPLIED W/COMPRESSOR	-
⑧	TRANSFORMER, 45KVA, 480-480/277V	SQUARE-D	45T76H
⑨	DISTRIBUTION POWER PANEL	SQUARE-D	NQOD, NEMA 12, QOB CB'S
⑩	WATER HEATER	CHROMALOX	NWHMT-03-003P-E2
⑪	AUTO-DIALER	VERBATIM GATEWAY	VPLC-4C-32AB
⑫	TELEPHONE	-	COMMERCIAL GRADE, WALL MOUNT, TOUCH TONE PHONE WITH 15' CORD
⑬	WIREWAY	SQUARE "D"	NEMA 12 LJB64 W/(2) CLOSING PLATES LJB6CP
⑭	ELECTRIC UNIT HEATER	CHROMALOX	LUH-05-43-32 W/SUMMER FAN SWITCH KIT AND REMOTE THERMOSTAT WR-80

DATE PRINTED
5/28/05

100% REVIEW DRAWINGS
NOT FOR CONSTRUCTION

SCALE VERIFICATION: THIS BAR MEASURES 1" ON ORIGINAL. ADJUST SCALE ACCORDINGLY.

No	Revision	Date	Initial

Approved

Spring Michael E. Egan
5/26/05

HOOKE/RUCO SITE
HICKSVILLE, NEW YORK

BIOSPARGE TREATMENT SYSTEM

CONTROL BUILDING
SINGLE LINE DIAGRAM

Source Reference: _____ Date: SEPTEMBER 2003

Project Manager: J. KAY Reviewed By: BME/TFP Designed By: DLS Drawn By: DLS

Scale: AS NOTED Project No: 06883-10 Report No: 045 Drawing No: E-02