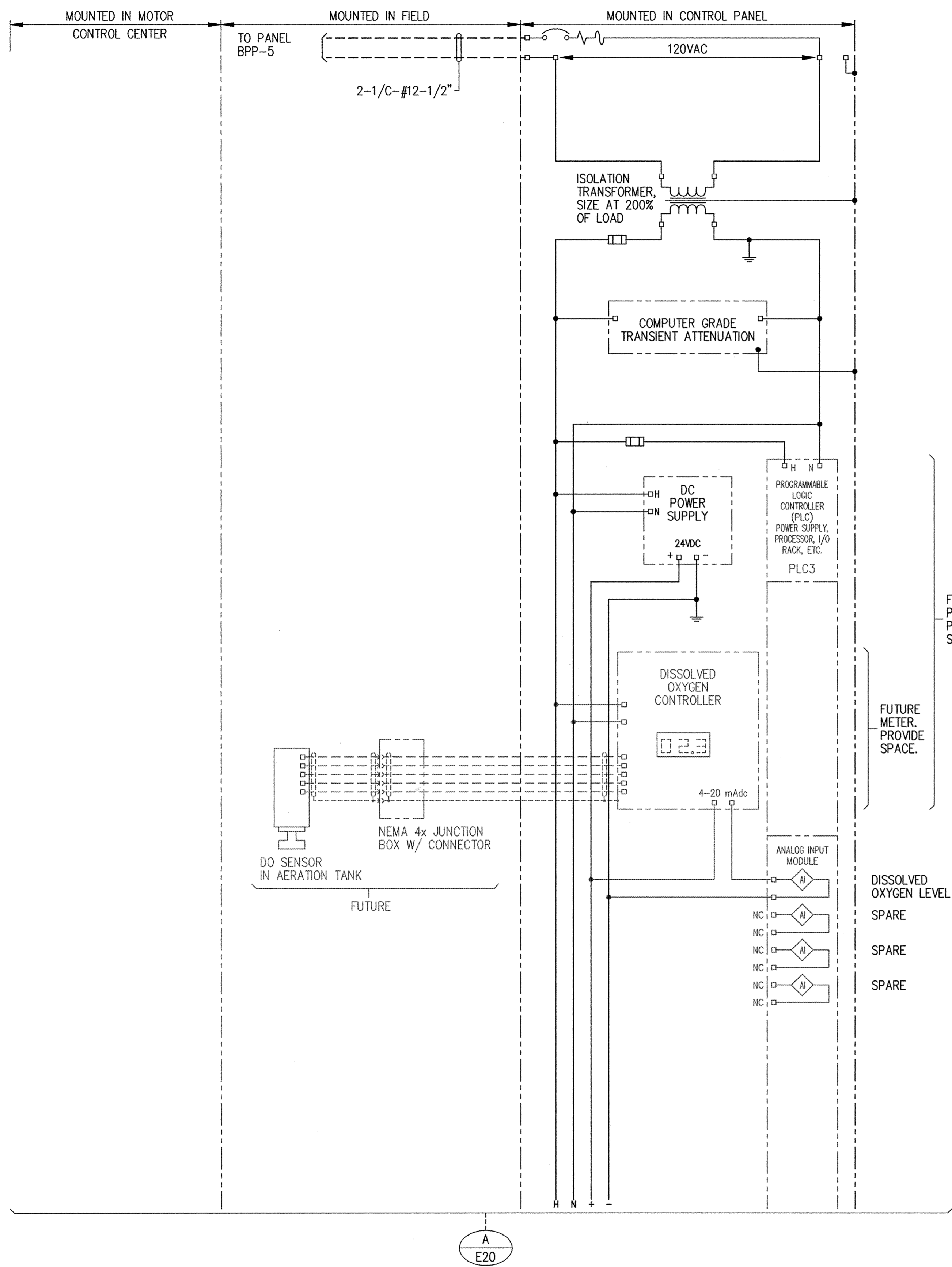
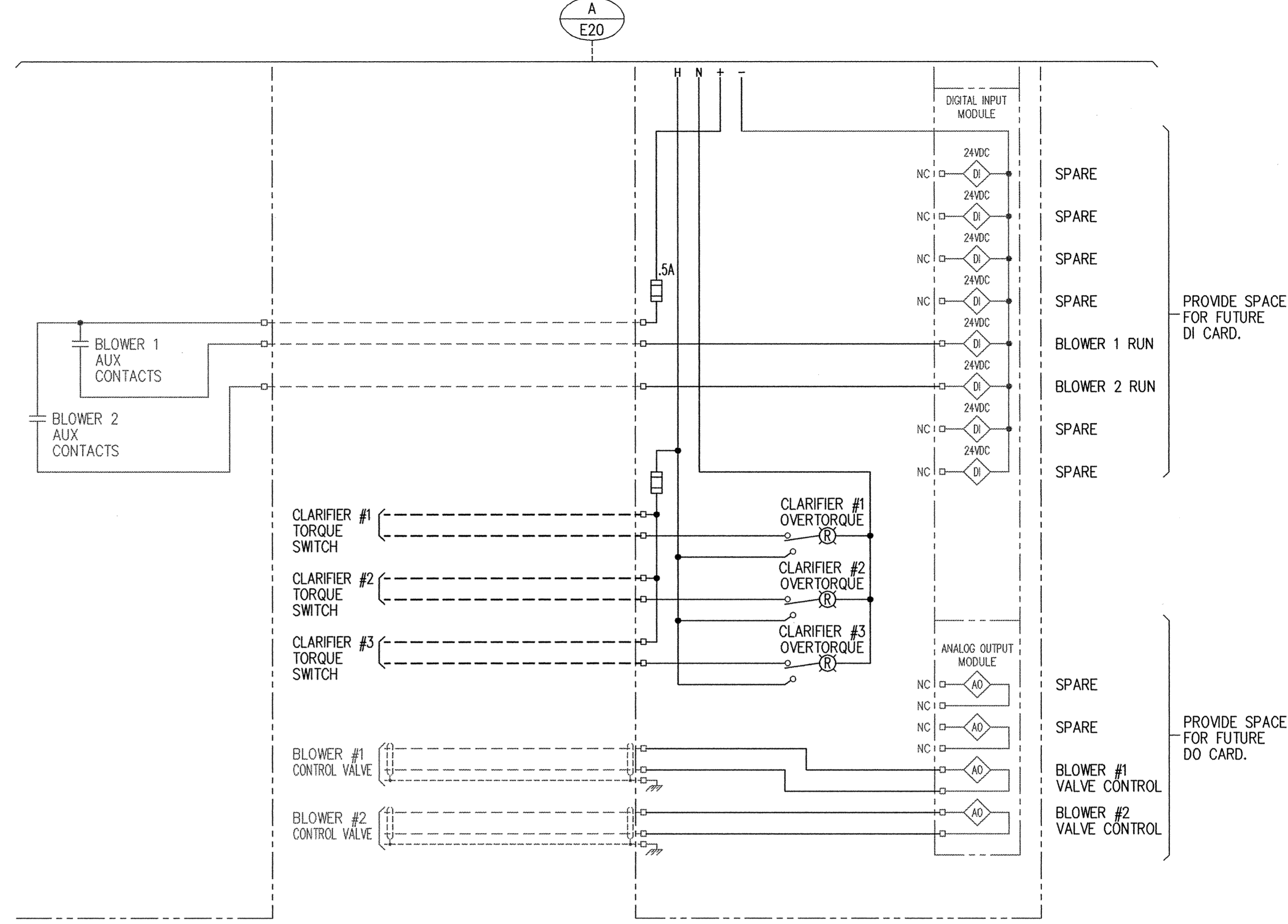


001
002
003
004
005
006
007
008
009
010
011
012
013
014
015
016
017
018
019
020
021
022
023
024
025
026
027
028
029
030
031
032
033
034
035
036
037
038
039
040
041
042
043
044
045
046
047
048
049
050
051
052
053
054
055
056
057
058
059
060
061
062
063
064
065



066
067
068
069
070
071
072
073
074
075
076
077
078
079
080
081
082
083
084
085
086
087
088
089
090
091
092
093
094
095
096
097
098
099
100
101
102
103
104
105



FUTURE PLC. PROVIDE SPACE
FUTURE METER. PROVIDE SPACE.
DISSOLVED OXYGEN LEVEL
SPARE
SPARE
SPARE
PROVIDE SPACE FOR FUTURE AI CARD.

BLOWER BUILDING CONTROL PANEL SCHEMATIC
NO SCALE

- CONTROL PANEL GENERAL NOTES**
1. MODIFY SCHEMATIC AS REQUIRED FOR UL508 LABEL AT NO ADDITIONAL COST TO THE OWNER. SEE SPECIFICATION SECTION 16950.
 2. ORGANIZE & LACE ALL WIRING USING NYLON CABLE TIES.
 3. ADD THE COMPONENTS & WIRING SHOWN ON THIS DRAWING TO THE EXISTING CONTROL PANEL.

PLC SYMBOLS		LEGEND	
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	DIGITAL OUTPUT (CONTACT)		PANEL WIRING
	DIGITAL INPUT, REMOTELY POWERED (120VAC UNLESS NOTED OTHERWISE)		FIELD WIRING
	ANALOG OUTPUT, 4-20mADC (SELF-POWERED)		EXISTING WIRING
	ANALOG INPUT, 4-20mADC (UNLESS NOTED OTHERWISE)		CONDUCTOR SHIELD

This drawing was prepared by:
Reading & Associates, Inc.
7300 France Avenue South
Suite 330
Minneapolis, MN 55435
Telephone: (612) 831-0317
Fax: (612) 831-2779

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 06 OCT 95 REG. NO. 9955



1326 ENERGY PARK DRIVE
ST. PAUL, MINNESOTA 55108
(612) 644-4389
5075 WAYZATA BLVD. SUITE 225
MINNEAPOLIS, MINNESOTA 55441
(612) 546-0432

REVISIONS	DATE	DESCRIPTION	DESIGNED PFK	CHECKED PFK

GRAPHIC SCALE
0 HORIZ.
0 VERT.

CITY OF ELK RIVER
WASTEWATER TREATMENT FACILITIES
BLOWER BUILDING CONTROL PANEL SCHEMATIC

E20