



FOR ADDITIONAL WIRING SEE DWG. SB144E002, SH.1

FOR ADDITIONAL WIRING SEE DWG. SB144E003, SH.1

FOR ADDITIONAL WIRING SEE DWG. SB144E010

FOR ADDITIONAL WIRING SEE DWG. SB144E011

FOR ADDITIONAL WIRING SEE DWG. SB144E014

FOR ADDITIONAL WIRING SEE DWG. SB144E010

FOR ADDITIONAL WIRING SEE DWG. SB144E011

FOR ADDITIONAL WIRING SEE DWG. SB144E014

VACUUM PUMP #1 ON

VACUUM PUMP #2 ON

VAC. PUMP #1 ON

VAC. PUMP #2 ON

START STOP

START STOP

START STOP

START STOP

CIRC. AIR HTR TEMP. METER (SD144E017)

DP-1632

TC-CH2

TC-CH1

TC-V6 (SD144E016)

TC-V5 (SD144E016)

TC-V4 (SD144E016)

TC-V3 (SD144E016)

TC-V2 (SD144E016)

TC-V1 (SD144E016)

CN884U-300C CONTROLLER MANUAL HTR. AIR (SD144E017)

CN4812-R1-R2-A12 CONTROLLER SECONDARY HEATERS

CN4812-R1-R2-A12 CONTROLLER PRIMARY HEATERS

MANUAL BLOWER BYPASS SWITCH SW2

GROUND FAULT ALARM BUZZER

GROUND FAULT MONITOR

GROUND FAULT MONITOR

PRINCETON PLASMA PHYSICS LABORATORY
NATIONAL COMPACT STELLATOR EXPERIMENT

TOOLING AND WINDING
AUTOCLAVE WIRING DIAGRAM

DATE: 3/20/03
DIV. ELECTRICAL

ENG: F. JONES
DWN: J. NELSON

CHK: R. VANRIRK
RWK: JS

SD144E019.DWG
CAAD FILE: SD144E019.DWG

DATE: 3/20/03

ABERDEEN
FRANK JONES

NCXS
SD144E019

SHEET 1 OF 1
REV 0

NOTE: 1. FOR ADDITIONAL NOTES ON AC POWER AND GROUNDING SEE ENGINEERING STANDARDS: ES-ELEC-004-4. 2. ALL CABLE NUMBERS PREFIXED BY S144019 UNLESS SPECIFIED OTHERWISE. 3. METER #1 AND 2 HAVE "P" INTERFACE VARS-232 CABLE. 4. ALL WIRES ARE SINGLE CONDUCTOR #14 AWG, 600V INSULATED, STRANDED UNLESS NOTED OTHERWISE.

* FUSE SIZE TABLE

H1 FUSE = 2A SB
H2 FUSE = 2A SB
H3 FUSE = 1A SB
H4 FUSE = 1/2A FB
H5 FUSE = 3A SB
H6 FUSE = 1/4A SB
L1A FUSE = 2A SB
L1B FUSE = 1A SB
L1C FUSE = 1/2A FB

REVISION

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