

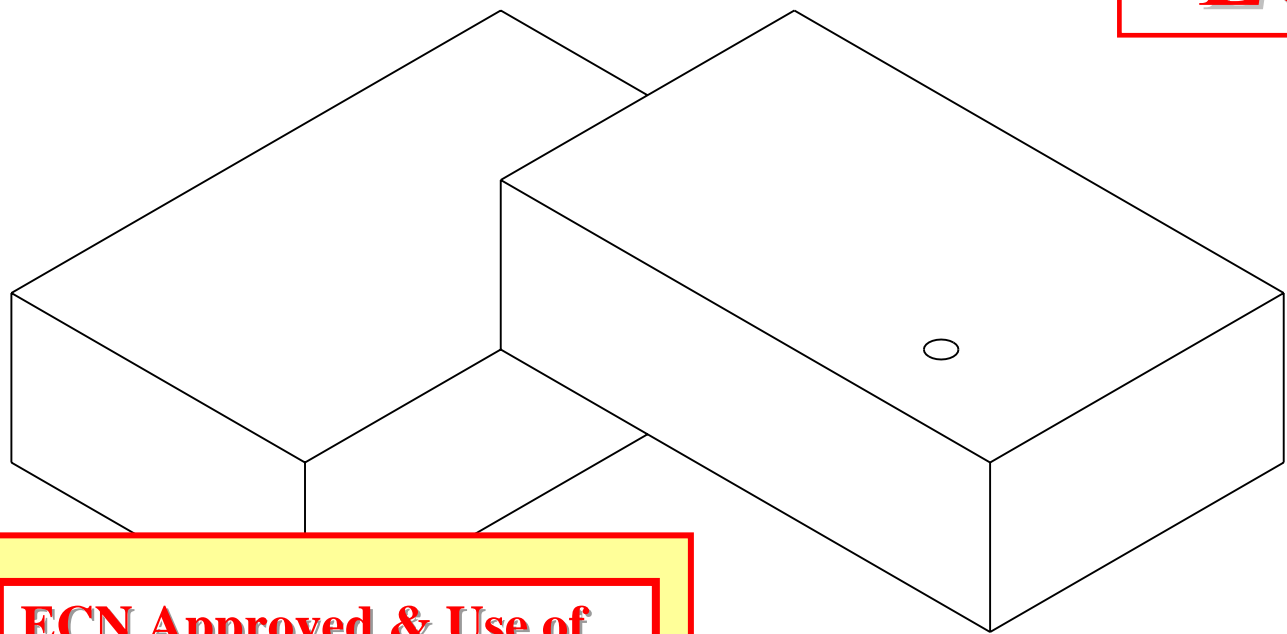
NO.	REVISION	BY	CH	SUP	APPROVED	DATE

addhadhf'

123

**Rev. Pending
ECN #2341**

**Rev. Pending
ECN #**



1234

**ECN Approved & Use of
Stamp Authorized in Lieu
of Updating Drawing:
ECN- xxxx Rev y-z**

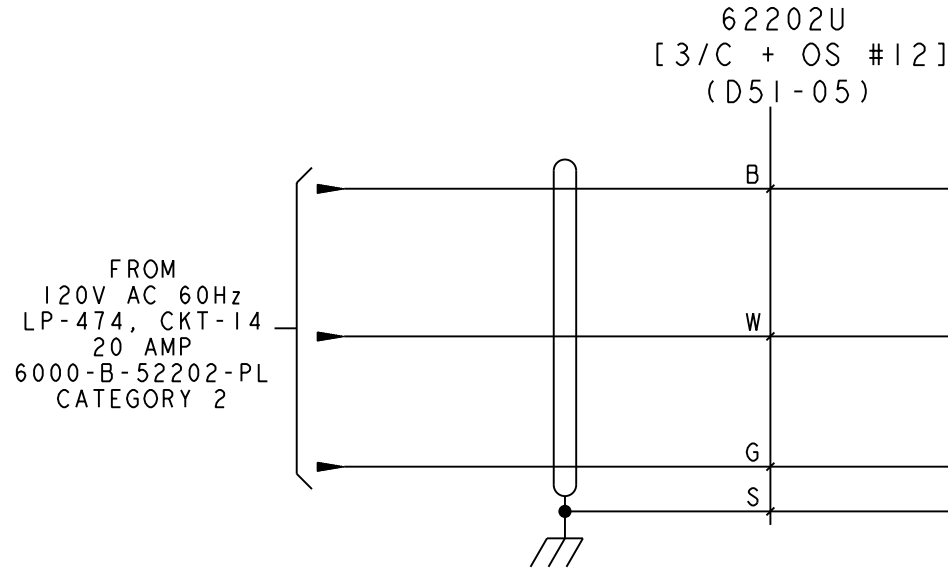
ECN PENDING

**RELEASED FOR
FABRICATION / INSTALLATION**

RELEASE LEVEL: WIP
VERSION NO: 2

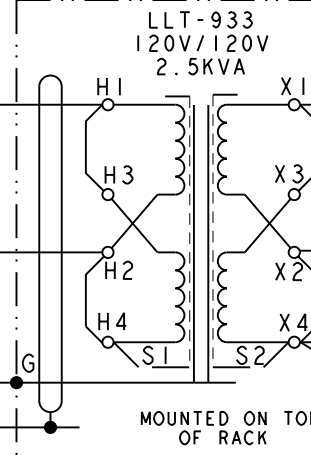
2	P99B100-011	SUPPORT BLOCK	SS	2
1	BLOCKS	STACK OF BLOCKS	--	1
PART NO.	DRAWING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	QTY REQD
PARTS LIST				
COMPUTER GENERATED DRAWING MANUAL CHANGES NOT PERMITTED	CENTRAL FILES: UNLESS OTHERWISE SPECIFIED	PRINCETON PLASMA PHYSICS LABORATORY PRINCETON UNIVERSITY NATIONAL COMPACT STELLARATOR EXPERIMENT		
Pro E	DIMENSIONS ARE IN INCHES MACHINE SURFACES	osdf:osdf; osdf:ajd/ osdfosd		
DO NOT SCALE INFORMATION BY SCALE DRAWING	BREAK SHARP EDGES .005/.020	TOLERANCES NON-CUMULATIVE	DSR: T BROWN	DRAWING NO:
NET ASSEMBLY	DECIMAL INCH FRACTIONS	ENGR: P HEITZENROEDER	CHR: P HEITZENROEDER	BLOCKS
WELDING ENGINEER		SUPV: J SIEGEL		SHEET 2 OF 1 REV

NCSX-BLOCKS

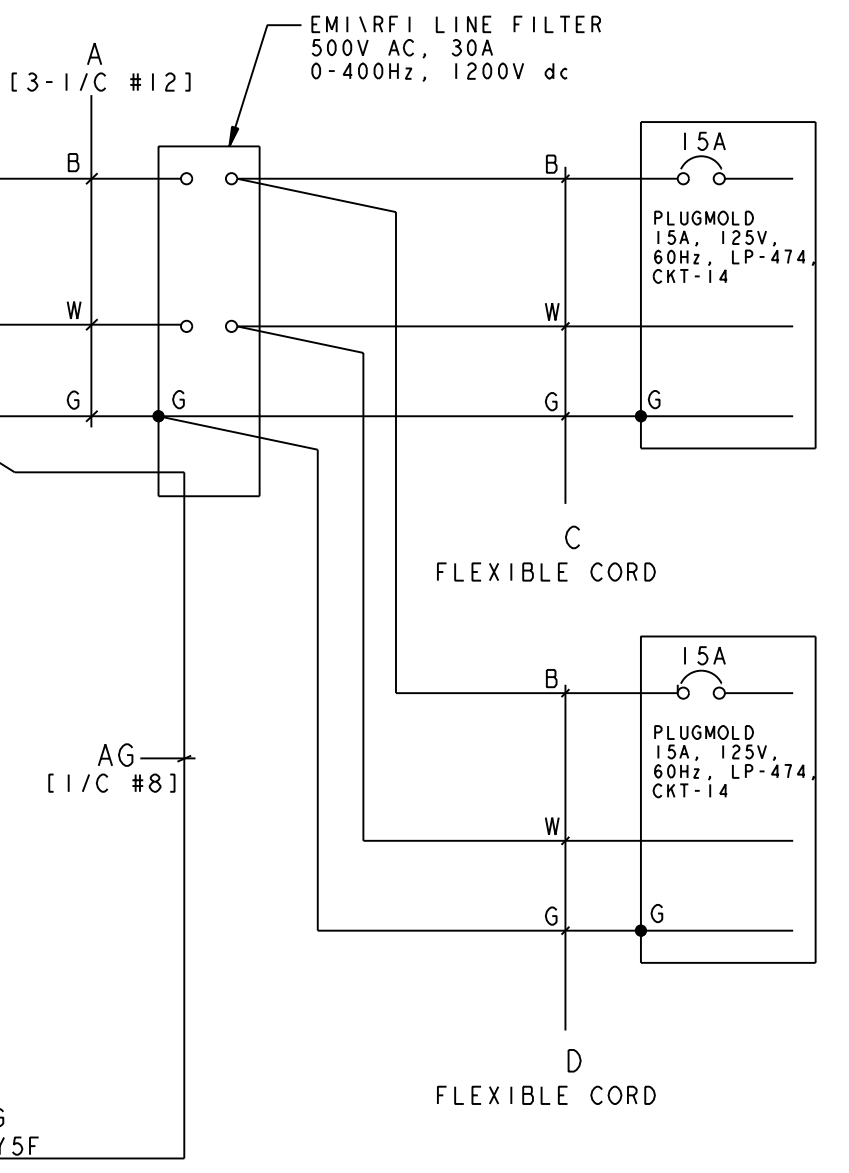


INSULATE FROM RACK WITH 1/2" LINEN PHENOLIC,
GRADE LE. MEGGER TEST TO 650V DC

TOPAZ QUIET POWER TRANSFORMER
MOUNTED ON RACK TOP
AND WIRED AS
GROUND DECOUPLED



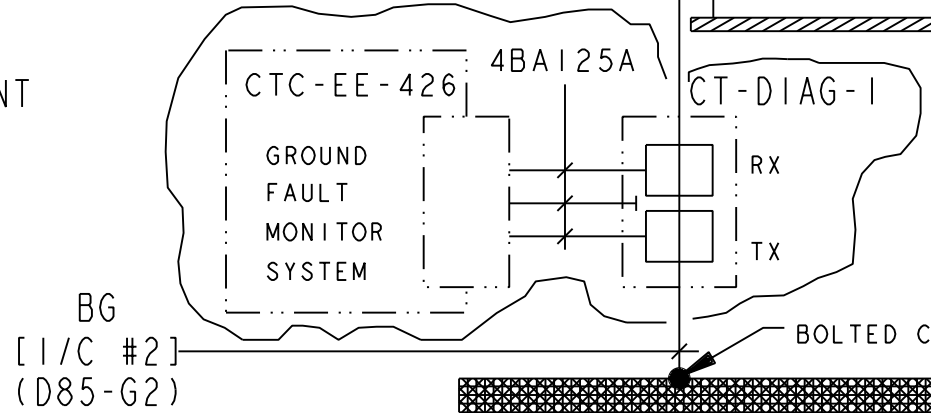
CTC-EE-420
NSTX TEST CELL
SOUTH EAST CORNER EL. 109'-0"



- NOTES: UNLESS OTHERWISE SPECIFIED
1. ALL CABLE NUMBERS PREFIXED BY 4BA092.
 2. FOR LOCATION OF RACK, SEE DWG E-4BA097.
 3. FOR ADDITIONAL NOTES ON RACK AC POWER AND GROUNDING, SEE ENGINEERING STANDARDS: ES-ELEC-001-4, TFTR-9A2-010.
 4. INSTALL WARNING LABEL "WARNING, EQUIPMENT AT SINGLE POINT GROUND. REMOVE POWER BEFORE DISCONNECTING GROUND."
 5. INSTALLATION PROCEDURE D-NSTX-IP-2422.
 6. SEE DRAWING B-4BA125 FOR GND MONITOR COIL 1 AND EAST WALL DIAGNOSTIC GND PLATE.

BOLTED CONNECTION
(NOTE 4)

CRIMP CONNECTION



INSULATE FROM FLOOR
WITH 1/8" G10. MEGGER
TEST TO 650V DC

DIAGNOSTIC EAST WALL
GROUND PLATE
(CATEGORY 2)

REV 1 PER ECN-4657

COMPUTER GENERATED
DRAWING - MANUAL CHANGES
NOT PERMITTED

CADD FILE
NUMBER
1B4BA092.DWG

8				4			
7				3			
6				2			
5				1	8-02-02	RVK	TNODE TNODE
REV	DATE	BY	APPROVED	REV	DATE	BY	APPROVED

DIV DIAGNOSTICS
ENG L. ROQUEMORE
DSGN RVK CH NC
DATE 05-16-00

APPROVED
L. ROQUEMORE
05-17-00
CH NC/SR SUPV JS

PLASMA PHYSICS LABORATORY
PRINCETON UNIVERSITY
NATIONAL SPHERICAL
TORUS EXPERIMENT
PLASMA DIAGNOSTIC SYSTEMS
H-ALPHA RACK DIAGNOSTIC
CTC-EE-420, 120V AC, 1 PHASE, 60Hz

NSTX
B-4BA092