



SEE DETAIL 'A'

SEE SD144E026 FOR DETAILS

REFERENCE DRAWINGS:

SE144E020 AUTOCLAVE CONDUIT & WIREWAY LAYOUT  
 SE144E026 ROOM #1 LIGHTING & EQUIP PWR LAYOUT  
 SE144E028 ROOM #3 LIGHTING & EQUIP PWR LAYOUT  
 SE144E030 WINDING STAND AC PWR & CTRL CWD  
 SE144E036 AUTOC. CONDUIT AND WIRING, INJECT SYS.  
 SE144-151 MODULAR COIL WINDING FACIL RMS EQUIP LCTN  
 6000-B-52214-PL LP-501  
 6000-B-52215-PL LP-502

LEGEND:

(SD) - SMOKE DETECTOR, SIMPLEX TRUALARM,  
 MAPNET 2, ADDRESSABLE.

FROM LP-502, 6000-B-52215-PL

CKT. #1 = LIGHTS. S1 #62215A  
 CKT. #2 = LIGHTS. S2 #62215B  
 CKT. #3 = RCPT. R1 #62215C  
 CKT. #4 = RCPT. R2 #62215D  
 CKT. #5 = TAPE MACHINE #62215E  
 CKT. #6 = STINGER SOLDER TOOL RCPT R4 #62215F  
 CKT. #7 = SPARE  
 CKT. #8 = LIGHTS S3 #62215H  
 CKT. #10 = RCPT. R3 #62215J  
 CKT. #12 = TURN TABLE BRAKE #62215U  
 CKT. #21 = WELD PREP STAND #62215T  
 CKT. #28 = STINGER SOLDER TOOL RCPT. R5 #62215Y

- NOTES:
1. ANGLE ALL WALL MOUNTED LIGHTS, S1-S3 APPROX. AT 30° ANGLE FACING CENTER OF ROOM.
  2. S1 & S2 LIGHT FXTR & ASSOC CND AT EL. 112'-0".
  3. S3 LIGHT FXTR & ASSOC CND AT EL. 109'-0".
  4. UNLESS SPECIFIED, ALL CND RUNS SHALL BE 1/2" EMT.
  5. RCPTS ARE MTD IN WIREMOULD 5400 SERIES NON-METALLIC RACEMAY @ 24" ABOVE FLOOR. LABEL RCPT'S R4 & R5 DEDICATED TO STINGER 1 AND 2.
  6. R3 RCPT'S MTD WITH 1/2" EMT & HANDY BOX @ EL. 102' EXCEPT FOR PHONE RCPT.
  7. INSTALL FOOTSW. CABLE S144040C (25FT.) FROM B-TF-01.
  8. LABEL ALL RCPTS & SWITCHES WITH PNL, CKT. # & GFCI WHERE APPLICABLE.

NO.	7/7/04	
ADDED SMOKE DETECTORS & CONDUIT PER ECN-4		
FJ	JN	JS, FJ
2	ECN-4989	5/3/04
EXTENDED RM x 21', ADDED (9) S3 LIGHTS, (12) R3 RCPT'S (1) R1 RCPT, DEL (3) R1 RCPT DEL EAST WALL & WIREWAY. ADDED RCPT R4, R5, DOCK LT DELETED CKT 6 & 7. REMOVED SCISSOR TABLE		
RVK	FJ	FJ/JN
3	ECN-5011	7/20/05
REMOVED S3 LIGHTS FROM EAST WALL. ADDED ONE LIGHT (S3) EACH WALL - NORTH & SOUTH ADDED LIGHT S3 TO OUTSIDE (WEST) WELD PREP AREA DELETED NOTE 7, ADDED TAPE MACH. & TABLE PWR.		
RVK	FJ	FJ/JS
4	ECN-5162	8/22/06
DELETED LD-100, ADDED 30011T & B-AC-1074		
FJ	RVK	FJ/JS

D-SITE PARTIAL T/C PLAN @ ELEV. 100'-0"

SCALE 3/8"=1'-0"

PRINCETON PLASMA PHYSICS LABORATORY  
 PRINCETON UNIVERSITY  
 NATIONAL COMPACT STELLARATOR EXPERIMENT  
 MODULAR COILS  
 TOOLING AND EQUIPMENT POWER LAYOUT  
 COIL WINDING ROOM #2

COMPUTER GENERATED DRAWINGS NOT PERMITTED  
 AUTOCADD 2002

DIV: ELECTRICAL	DATE: 3/25/2004	CADD FILE: SD144E027R4.DWG
ENG: F. JONES	APPROVED: FRANK JONES	NCSX SD144E027
DWN: JINELSON	CHK: SUPV	
CHK: F. JONES	F.J. J.S.	SHEET 1 OF 1 REV 4