

WELD PREP STATION
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

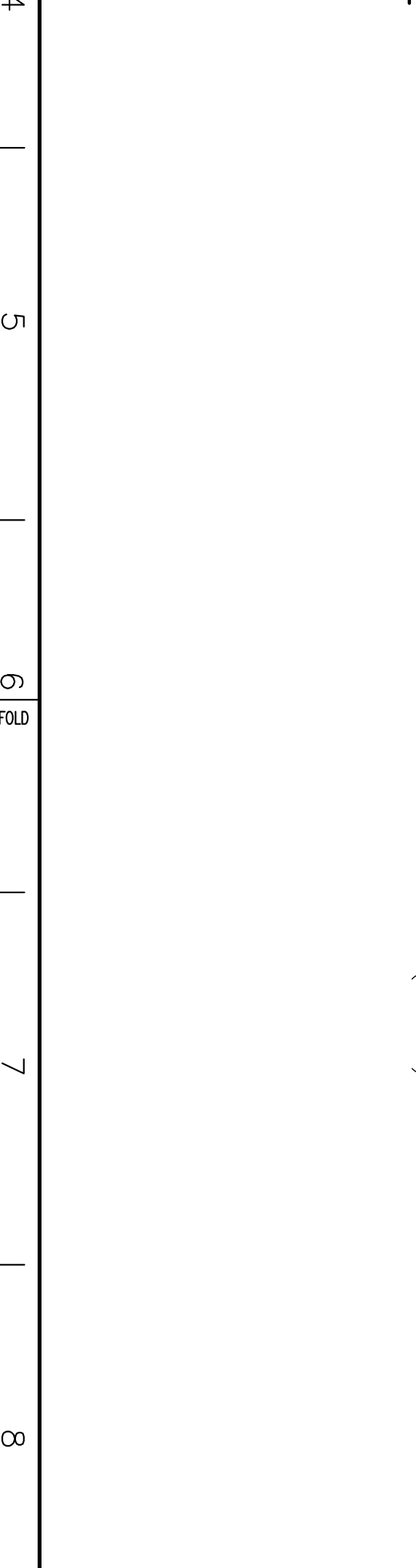
LEGEND:
 (SD) - SMOKE DETECTOR, SIMPLEX TRUALARM, MAPNET 2, ADDRESSABLE.

- 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 = DEDICATED
 - CKT. #6 = STINGER SOLDER TOOL RCPT R4 #62215F
 - CKT. #7 = MODULAR WINDING FIXTURE
 - CKT. #8 = LIGHTS S3 #62215H
 - CKT. #10 = RCPT, R3 #62215J

- NOTES:
1. ANGLE ALL WALL MOUNTED LIGHTS, S1-S3 APPROX. AT 50° 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 WIREMOLD 5400 SERIES NON-METALLIC RACEWAY @ 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.
 8. LABEL ALL RCPTS & SWITCHES WITH PNL, CKT. # & GFCI WHERE APPLICABLE.

NO.	7/7/04
ADDED SMOKE DETECTORS & CONDUIT PER ECN-4	
FJ	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/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/JS
4	ECN-5162 8/22/06
DELETED LD-100, ADDED 30011T & B-AC-1074	
FJ	RVK
5	ECN-5176 10/12/06
DELETED TF TABLE AND POWER ADD MODULAR FIXTURE & PWR	
FJ	JN
6	ECN-5367 6/4/08
VOID DRAWING - REMOVED COIL WINDING ROOM #2	
RVK	FJ/JS

D-SITE PARTIAL T/C PLAN @ ELEV. 100'-0"
SCALE 3/8"=1'-0"



RELEASED FOR FABRICATION / INSTALLATION
 PPL Drafting

VOID

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

DATE: 3/25/2004
 CADD FILE: SD144E027R6.DWG

APPROVED:
 FRANK JONES

CHK: F. JONES
 SUPV: J.S.

COMPUTER GENERATED DRAWING
 MANUAL CHANGES NOT PERMITTED
 AUTOCADD 2002

SHEET 1 OF 1
 REV 6