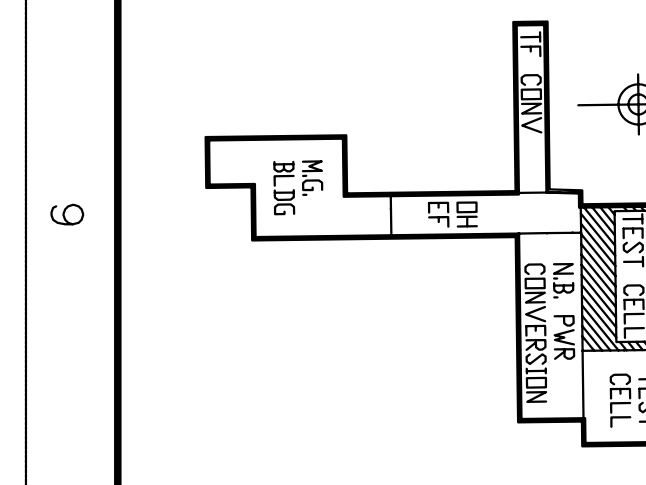


D-SITE PARTIAL T/C PLAN @ ELEV. 100'-0"

SCALE 3/4"=1'-0"

REVISION	
1	7/7/04
ADDED SMOKE DETECTORS & CONDUIT PER ECN-4	
FJ	JN JS, FJ
2	5/2/05
ADDED VACUUM PUMP CIRCUIT, REFERENCED ROOM EXT AND WINDING RING FIXTURE AREA PER ECN-4989	
RVK	FJ FJ/JN



COMPUTER GENERATED DRAWING
 MANUAL CHANGES NOT PERMITTED
 AutoCAD2000
 3/4"=1'-0"

PRINCETON PLASMA PHYSICS LABORATORY NATIONAL COMPACT STELLATOR EXPERIMENT TOOLING AND WINDING LIGHTING AND EQUIPMENT POWER LAYOUT	
DIV. ELECTRICAL	DATE: 3/25/04
ENG: F. JONES	APPROVED
DWN: J. NELSON	F. JONES
CHK: F. JONES	CHK SUPV F.J. J.S.
CAAD FILE: SD144E028R2.DWG	
SHEET 1 OF 1	
REV 2	

- NOTES:
1. FIELD TO ANGLE ALL WALL MOUNTED LIGHTS APPROX. @ 30° ANGLE FACING CENTER OF ROOM.
 2. INTERIOR LIGHT FIXTURES AND ASSOC. CONDUITS @ EL. 112'-0".
 3. INTERIOR RECEPTACLES ARE MOUNTED IN WIREMOLD 5400 SERIES NON-METALLIC RACEWAY @ 24" ABOVE FLOOR.
 4. FIELD TO INSTALL A SINGLE FEMALE RCPT ON OUTSIDE OF ROOM @ 24" ABOVE FLOOR, LABEL: FAN/AIR CONDITIONER.
 5. LABEL ALL RECEPTACLES WITH PANEL, CKT. # AND GFCI WHERE APPLICABLE.

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

- REFERENCE DRAWINGS:
- SE144E020 AUTOCLAVE CONDUIT & WIREWAY LAYOUT
 - SE144E026 ROOM #1 LIGHTING & EQUIPMENT POWER LAYOUT
 - SE144E027 ROOM #2 LIGHTING & EQUIPMENT POWER LAYOUT
 - SE144E031 WINDING STAND AC POWER & CONTROL CWD
 - SE144-151 MODULAR COIL WINDING FACIL RMS EQUIP LCTN
 - 6000-B-52214-PL LP-501
 - 6000-B-52215-PL LP-502

- FROM LP-502, 6000-B-52215-PL
- CKT. #13=WINDING STAND #62215K
 - CKT. #14=LIGHTS S1 #62215L
 - CKT. #16=LIGHTS S2 #62215M
 - CKT. #18=RECEPT. R1 #62215N
 - CKT. #19=FAN/AIR COND. #62215Q
 - CKT. #20=RECEPT. R2 #62215P
 - CKT. #22=STAND RECEPT./LIGHT #62215V
 - CKT. #24=VACUUM PUMP #62215X

FLUORESCENT FIXTURE
 DM2-32-120-GBR101S
 2 BULB 50" X 8" X 6"
 12 PLACES

120V DUPLEX RECEPT.
 EL. 102'-0"
 13 PLACES

WINDING WINDING STAND #3

EXIT SIGN WITH
 EMERG. UNIT BATTERY
 DUAL-LITE
 #KSR-EP

VACUUM PUMP
 30A
 LP-502 CKT-24

