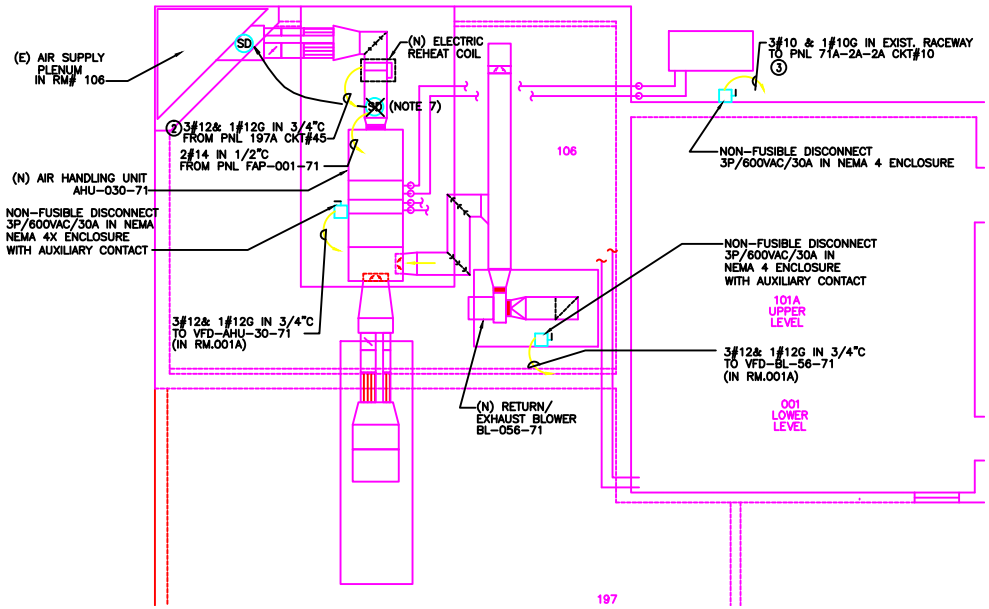


1 / E3 PARTIAL ROOF PLAN-CONSTRUCTION

SCALE: 1/4" = 1'-0"

GENERAL NOTES:

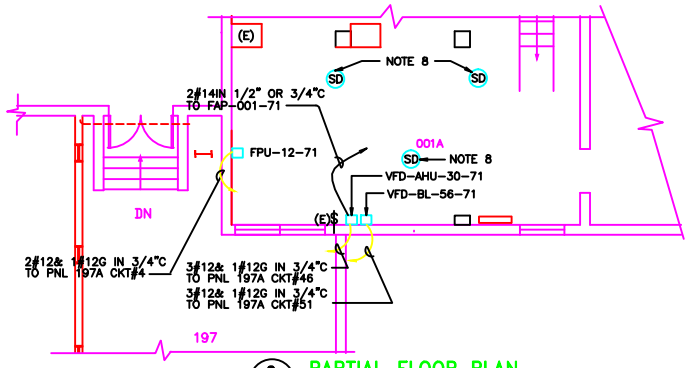
1. ALL ELECTRICAL EQUIPMENT, DEVICES & INSTALLATION SHALL COMPLY WITH LBNL ELECTRICAL STANDARDS/SPECIFICATIONS & LATEST EDDITION OF NEC.
2. PRIOR TO CONSTRUCTION FIELD VERIFY & CHECK EXISTING CONDITIONS, ELEVATIONS, DIMENSIONS AND INFORM ENGINEER/CONSTRUCTION SUPERINTENDANT OF CONFLICTS, INTERFERENCES & UNEXPECTED CONDITIONS.
3. CONDUIT & WIREWAY ROUTING ARE DIAGRAMATIC. SUPPORT CONDUITS & WIREWAY AT LEAST EVERY 10 FEET OR AS REQUIRED.
4. FIELD TO VERIFY & CHECK EQUIPMENT RATING, INTERCONNECTIONS, PRIOR TO TIE-DOWNS.
5. TAG & LABEL ALL ELECTRICAL EQPT & DEVICES WITH CIRCUIT NOs. AND/OR EQUIPMENT NOs.
6. FIELD TO SUBMIT MARKED-UP PRINTS AFTER THE INSTALLATIONS COMPLETE FOR "AS-BUILT".
7. COORDINATE WITH PROJECT ENGR PRIOR TO INSTALLATION (MARTIN LUK x7487).
8. REMOVE WIRE AND 3 SMOKE DETECTORS FROM RM. 001.

SHEET NOTES:

1. INSTALL NEW 6-1P/120VAC/20A (SPACES # 13,14,15,16,17 & 18) 1-3P/208VAC/20A (SPACE# 31) CIRCUIT BREAKER IN PNL 197A PER PNL SCHEDULE.
2. CONNECT EXISTING 3P/208VAC/20A SPARE BREAKER #45 IN PANEL 197A PER UPDATED PNL SCHEDULE.
3. CONNECT EXISTING 3P/480VAC/30A SPARE BREAKER #10 IN PANEL 71A-2A PER UPDATED PNL SCHEDULE.
4. ~~ALL DEMOLISHING WORK SHOULD BE COORDINATED WITH JIM AYERS (X5577)~~
5. "LASER ON" PANEL SHOULD BE SIMILAR TO STANDARD PANEL DWG.4BSTE081 & 082 & TO BE INTERLOCKED WITH ON/OFF SWITCH IN RM.001A OF LASER EQUIPMENT.
6. ~~(E) A32, 24" RACK TO REMAIN, EQUIPMENT TO BE REMOVED.~~
7. ~~(E) PA RACK A50 IN RM.001A SYSTEM TO BE RELOCATED TO (E) PA RACK IN RM#001. COORDINATE WITH GLENN SKIPPER (X6125)/ELOY SALINAS (X6968)~~
8. ~~(E) RACK A36 TO REMAIN, EQUIPMENT PARTIALLY REMOVED, RELOCATE FROM RACK A36 TWO STACKS WITH EQUIPMENT TO RACK A35, RACK A36 TO BE REMOVED. ALL WORK SHOULD BE COORDINATED WITH JIM AYERS (X5577)~~
9. ~~(E) LIGHTING FIXTURES IN RM.001A TO BE CLEANED/RELAMP/REBALLAST AS REQUIRED.~~
10. ~~(E) LIGHTING FIXTURES IN RM.106 TO BE RELAMPED WITH METAL HALIDE 100W, 120V LAMPS (MH100/U/M) & REBALLAST WITH INSTANT START BALLAST. CONNECT TO CKT.#1 & 3 IN PNL 197A. REROUTE (E) RACEWAY FROM PNL 71A-2A-2A TO PNL 197A. FIELD TO CHECK POSSIBILITY OF REUSING (E) WIRES IF NOT RUN NEW 4#12 &1#12G. IN PNL71A-2A-2A DISCONNECT WIRES FROM CKT.BKR.#2. LEAVE THIS BKR AS SPARE.~~
11. ~~(E) GRID TO BE REMOVED. CABLES TO BE CAREFULLY CHECKED. NOT USED CABLES TO BE REMOVED & REROUTE THE CABLES IN USE. COORDINATE WITH JIM AYERS (X5577).~~
12. CONNECT NEW EMERGENCY LIGHTING FIXTURE TO (E) LIGHTING CIRCUIT.

LEGEND & ABBREVIATIONS

(E),	EXISTING TO REMAIN UON
(ER)	EXISTING TO BE REMOVED
	NEW AS SHOWN, SEE APPROPRIATE SYMBOL BELOW
a	SINGLE WALL SWITCH : 20A, 120V, +48" AFF LETTER DENOTES FIXTURE CONTROLLED
	HID LIGHTING FIXTURE METAL HALIDE W/RAPID START BALLAST CLEAR, 100W, 120V.
	DUPLEX RECEPTACLE, 20A , +18" AFF
J	JUNCTION BOX
	TELEPHONE (NETWORK)
	WIRE/RACEWAY(S): "HOMERUN", MIN SIZE #12 SEPARATE NEUTRAL FOR EACH CIRCUIT COMMON PARITY GROUND IN 3/4" C UON
1	SHEETNOTE IDENTIFICATION TAG
	EMERGENCY LIGHT, 2 LAMPS W/ BUILT-IN BATTERY PACK
AFF	ABOVE FINISHED FLOOR
(E)	EXISTING
(N)	NEW
(R)	RELOCATED
UON	UNLESS OTHERWISE NOTED



2 / E3 PARTIAL FLOOR PLAN

SCALE: 1/4" = 1'-0"

KEY PLAN

REVISION NUMBER	DRAWN BY	CHECKED BY	APPVD BY	DATE	REMARKS
A	IPM	VDA	MG	11/03/98	AS-BUILT

71 RM 001A & 106
MODIFICATIONS
ROOF PLAN LEGENDS & NOTES

UNIVERSITY OF CALIFORNIA LAWRENCE BERKELEY LABORATORY
FACILITIES DEPARTMENT

DRAWN BY	VDA	DATE 07/08/99
CHECKED BY	VDA	07/08/99
APPROVED BY	MG	
CAD FILE PATH	00009888	
SCALE	As Noted	
DRAWING NO.	4B71E106A	SHEET E-5
PROJECT NO.	W38005	3 OF 4