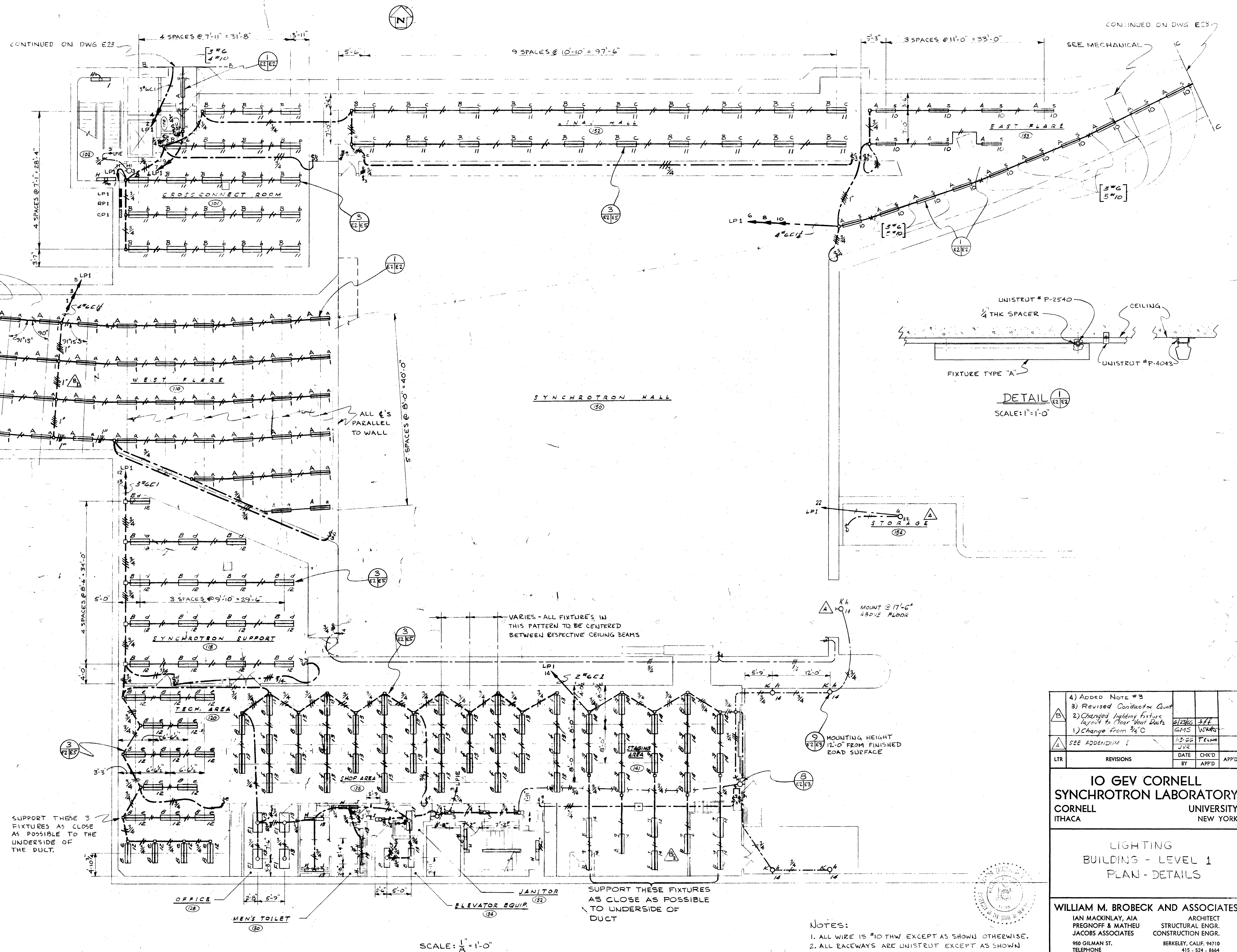


SCHEDULE FOR LPI			
LOCATION - CROSSCONNECT ROOM		SUPPLY - 4 #2/0 THW	
MOUNTING - SURFACE		MAINS - JA/225/200/2400 CIRCUIT BREAKER	
ENCLOSURE - NEMA 1		NEUTRAL BAR - TOP	
TYPE - NH1B		BUSSING - 225A	
SERVICE - 277Y/480V, 3Ø, 4W			
QKT NO.	CIRCUIT BREAKER		SERVICE
	TRIP	FRAME	POLES
1	20	EH	1
2			WEST FLARE
3			BEAM TUNNEL STATION #3
4			BEAM TUNNEL STATION #5
5			BEAM TUNNEL STATION #3
6			BEAM TUNNEL STATION #4
7			BEAM TUNNEL STATION#2
8			ACCESS TUNNEL - SOUTH
9			BEAM TUNNEL STATION #1
10			ACCESS TUNNEL - NORTH
11			EAST FLARE
12			CROSSCONNECT ROOM & LINAC HALL
13			SYNCH. SUPPORT & TECH. AREA
14			SHOP AREA & OFFICES
15			STAGING AREA & LOADING AREA
16			SPARE
17			SYNCHROTRON HALL
18			SYNCHROTRON HALL
19			SYNCHROTRON HALL
20			SYNCHROTRON HALL
21			SYNCHROTRON HALL
22			STORAGE ROOM - 154
23			SPARE
24			
25			
26			
27			
28			
29			
30			

LIGHTING FIXTURE MOUNTING HEIGHT SCHEDULE		
ROOM NAME & NUMBER	FIXTURE TYPE	MOUNTING HEIGHT ABOVE FINISH FLOOR
AIRLOCK (10)	TYPE "A"	10'-3"
CROSSCONNECT ROOM (10)	TYPE "B"	8'-0"
WEST FLARE (10)	TYPE "A"	8'-0"
SYNCHROTRON SUPPORT (12)	TYPE "B"	12'-0"
TECH. AREA (10)	TYPE "B"	12'-0"
SHOP AREA (12)	TYPE "B"	12'-0"
STAGING AREA (14)	TYPE "A"	11'-6"
LINAC HALL (15)	TYPE "B"	10'-3"
SYNCHROTRON HALL (15)	TYPE "C"	30'-0"
OFFICE (18)	TYPE "E"	9'-0"
MEN'S TOILET (18)	TYPE "H"	9'-0"
ELEVATOR EQ. (18)	TYPE "B"	12'-5"
JANITOR (18)	TYPE "J"	12'-5"
EAST FLARE (12)	TYPE "A"	8'-0"



- NOTES:
1. ALL WIRE IS #10 THW EXCEPT AS SHOWN OTHERWISE.
 2. ALL RACEWAYS ARE UNISTRUT EXCEPT AS SHOWN OTHERWISE.
 3. FIXTURES IN EAST & WEST FLARES INSTALLED TO DESCRIBE SMOOTH CURVE AS IN TUNNEL

4) Added Note #3			
3) Revised Conductor Count			
2) Changed Lighting Fixture layout to Clear Vent Ducts			
1) Change from 3/4" C			
SEE ADDENDUM 1			
LTR	REVISIONS	DATE	CHK'D
		BY	APP'D
IO GEV CORNELL SYNCHROTRON LABORATORY CORNELL UNIVERSITY ITHACA NEW YORK			
LIGHTING BUILDING - LEVEL 1 PLAN - DETAILS			
WILLIAM M. BROBECK AND ASSOCIATES IAN MACKINLAY, AIA ARCHITECT PREGNOFF & MATHEU STRUCTURAL ENGR. JACOBS ASSOCIATES CONSTRUCTION ENGR. 950 GILMAN ST. BERKELEY, CALIF. 94710 TELEPHONE 415 - 824 - 8864			
DR. E. J. CHIK	SUPV. C. J. CHIK	SCALE AS SHOWN	
RELEASED	APPROVED	SHEET 76	OF 102
LAB NUCLEAR STUDIES		DRAWING NO. E2	
V.P.-BUSINESS		WMB & A NO. 1115	
DATE NOV 15, 1966		DATE JAN 15, 1966	
2185-33-65-417		044 274 Cornell University B. & P.	
110			