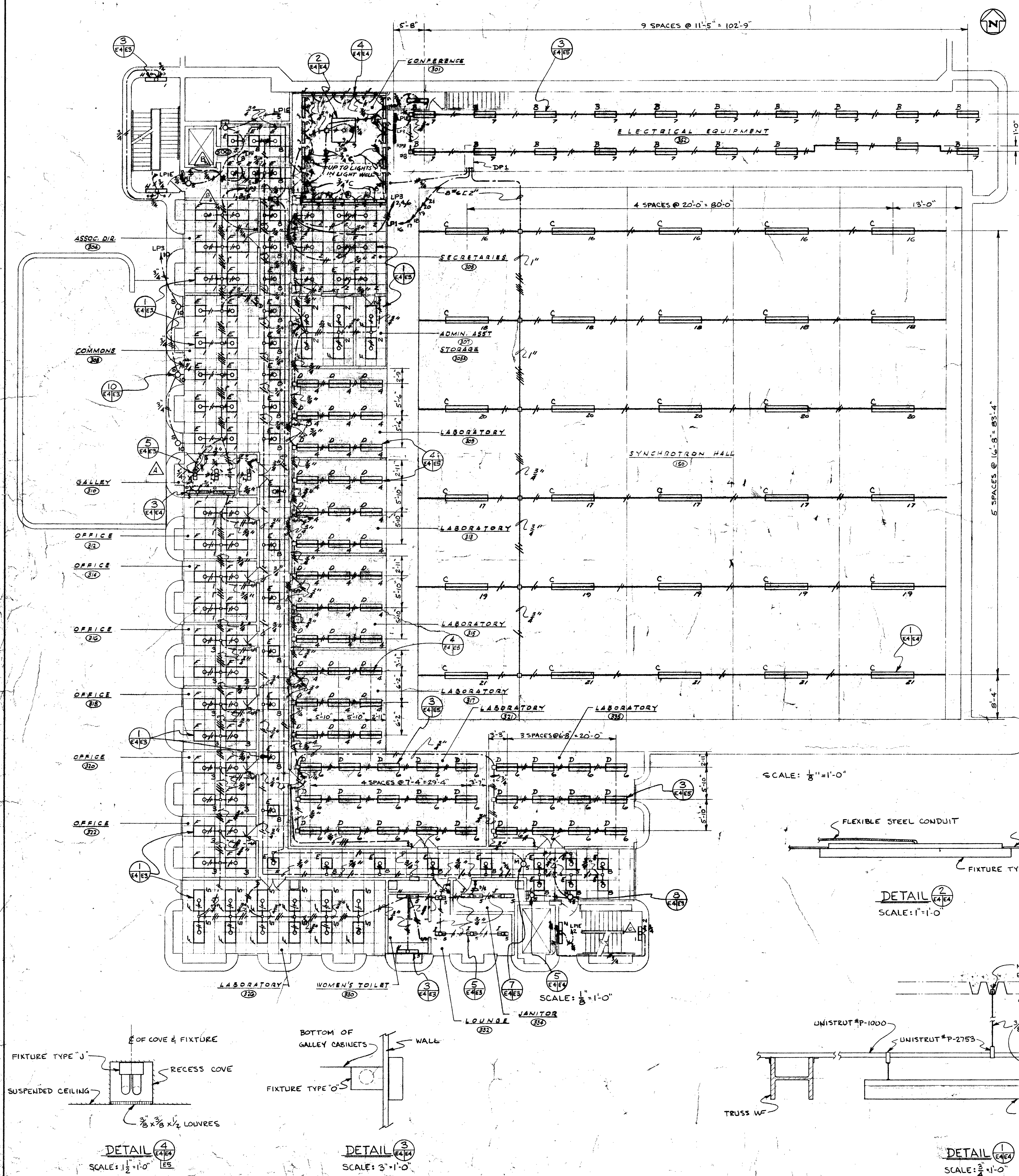




SCHEDULE FOR LP3

LOCATION - LEVEL 3 LOBBY
MOUNTING - SURFACE
ENCLOSURE - NEMA 1
TYPE - NHB
SERVICE - 277Y/480V, 3Ø, 4W

SUPPLY - 4 #1 THW
MAINS - JA/225/125/1500 CIRCUIT BREAKER
NEUTRAL BAR - TOP
BUSSING - 225A

CKT NO.	TRIP	FRAME	POLES	SERVICE
1	20	EH	1	WEST SIDE
2				EAST SIDE
3				WEST SIDE
4				EAST SIDE
5				SOUTH SIDE
6				NORTH SIDE
7				ELECTRICAL EQUIPMENT
8				HALLWAY
9				CONFERENCE ROOM
10				TERRACE
11				SPARE
12				
13				
14				
15				
16				
17				
18				

LIGHTING FIXTURE MOUNTING HEIGHT SCHEDULE

ROOM NAME	FIXTURE TYPE	MOUNTING HEIGHT
ASSOC. DIRECTOR	TYPE 'H'	9'-0"
COMMONS	TYPE 'H'	9'-0"
GALLERY	TYPE 'H'	9'-0"
OFFICE	TYPE 'H'	9'-0"
OFFICE	TYPE 'H'	9'-0"
OFFICE	TYPE 'H'	9'-0"
OFFICE	TYPE 'H'	9'-0"
LABORATORY	TYPE 'H'	9'-0"
WOMEN'S TOILET	TYPE 'H'	9'-0"
LOUNGE	TYPE 'H'	9'-0"
JANITOR	TYPE 'H'	9'-0"
CONFERENCE	TYPE 'H'	9'-0"
SECRETARIES	TYPE 'H'	9'-0"
ADMIN. ASST. & STOR.	TYPE 'H'	9'-0"
LABORATORY	TYPE 'D'	11'-0"
LABORATORY	TYPE 'D'	11'-0"
LABORATORY	TYPE 'D'	11'-0"
LABORATORY	TYPE 'D'	11'-0"
LABORATORY	TYPE 'D'	11'-0"
LABORATORY	TYPE 'D'	11'-0"
ELECTRICAL GEAR	TYPE 'B'	11'-0"
SYNCHROTRON HALL	TYPE 'C'	30'-0"

NOTES:

- ALL CONDUCTORS ARE #10 THW, EXCEPT AS SHOWN OTHERWISE.
- STUB UP INTO SUSPENDED CEILING AREA FROM PANEL LP3, 4-1" EMPTY CONDUITS FOR FUTURE USE.
- CONTRACTOR MAY PROPOSE TO RELOCATE FIXTURE OVER ELECTRICAL GEAR. SHOP DRAWING SHALL BE SUBMITTED FOR APPROVAL SHOWING 90° ROTATION; RELOCATION BETWEEN GEAR AND ANY CHANGE IN ELEVATION.

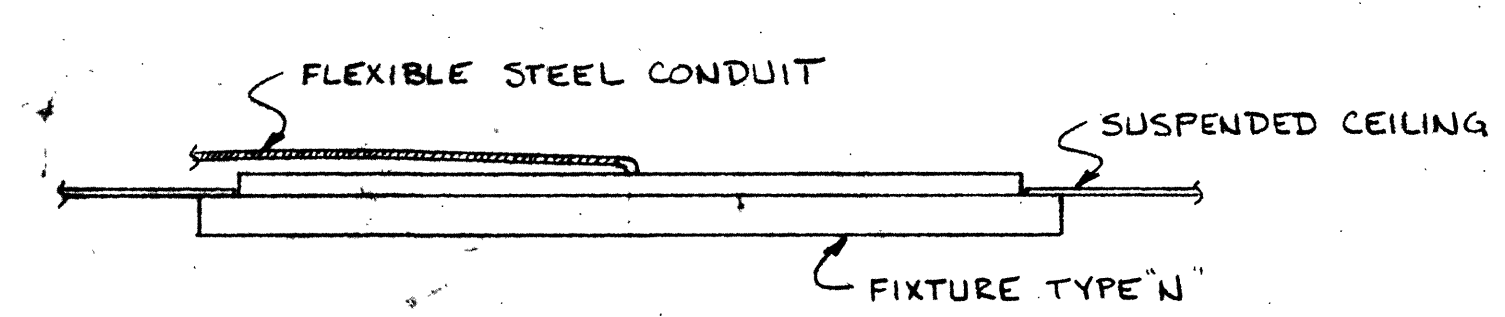
SCHEDULE FOR LP1E

LOCATION - ELECTRICAL EQUIP. ROOM
MOUNTING - SURFACE
ENCLOSURE - NEMA 1
TYPE - NHB
SERVICE - 277Y/480V, 3Ø, 4W

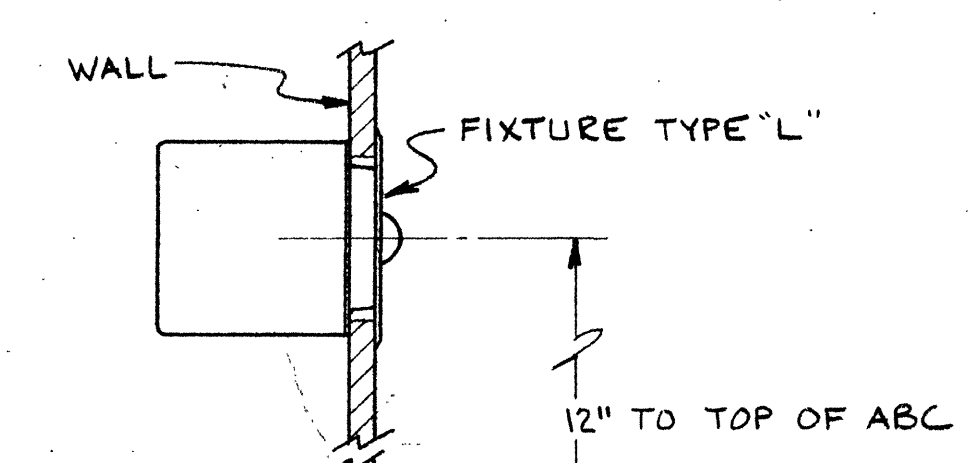
SUPPLY - 4 #4 THW
MAINS - EH/100/84/960 CIRCUIT BREAKER
NEUTRAL BAR - TOP
BUSSING - 100A

CKT NO.	TRIP	FRAME	POLES	SERVICE
1	20	EH	1	NORTH STAIRWAY
2				SOUTH STAIRWAY
3				LEVEL 1
4				LEVEL 2
5				LEVEL 3
6				LEVELS 4 & 5
7-9			2	FIRE ALARM OPERATING POWER
8-10			2	FIRE ALARM SUPERVISORY POWER
11	20	EH	1	SPARE
12				

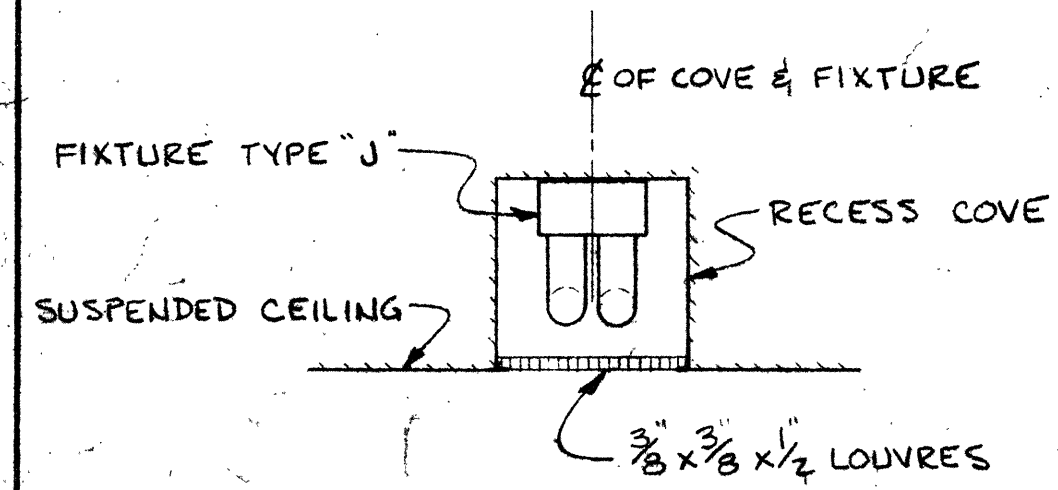
SCALE: 1/8" = 1'-0"



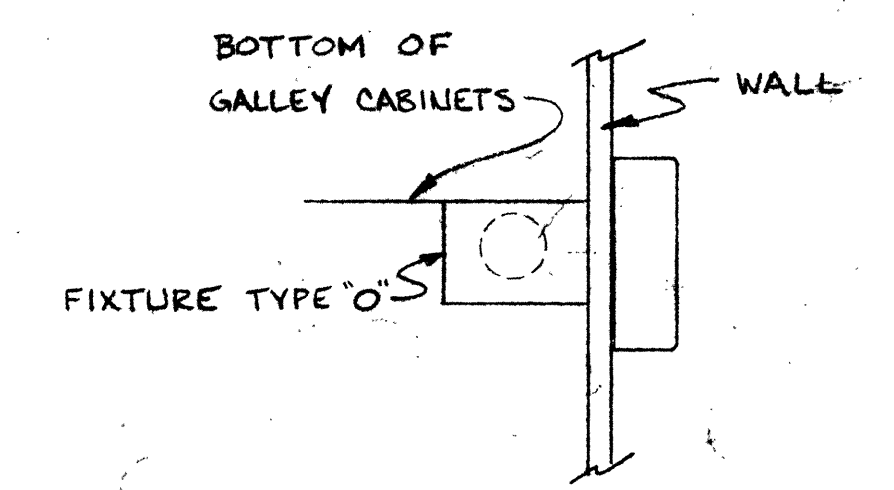
DETAIL 2
SCALE: 1" = 1'-0"



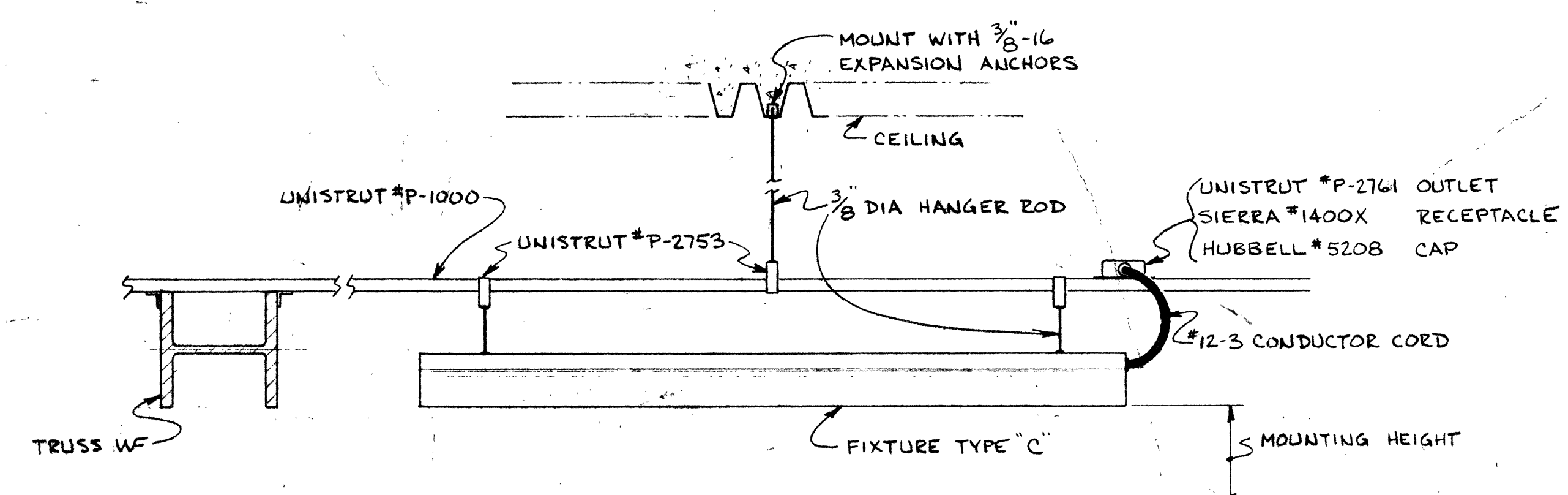
DETAIL 5
SCALE: 3" = 1'-0"



DETAIL 4
SCALE: 1/2" = 1'-0"



DETAIL 3
SCALE: 3" = 1'-0"



DETAIL 1
SCALE: 3/4" = 1'-0"

NO.	REVISIONS	DATE	CHK'D	APP'D
1	AS-BUILT CORRECTIONS	11-19-88		
2	5) ADDED CORRIDOR SW RM. 300			
3	4) ADDED FIRE ALARM TOLP			
4	3) RELOCATED RP3 & LP3 RM. 300			
5	2) CHG. LP3 FROM MOUNTING - FLUSH	5-22-88	JW	
6	1) ADDED NOTE #4	6-15-88	WMB	

IO GEV CORNELL SYNCHROTRON LABORATORY
CORNELL UNIVERSITY
ITHACA, NEW YORK

LIGHTING BUILDING LEVEL 3 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.	CHK'D	SUPV.	SCALE
RELEASED	APPROVED	AS SHOWN	
LAB NUCLEAR STUDIES		SHEET 78 OF 102	
DATE 10-15-1985		DRAWING NO. E4	
DATE 10-15-1985		WMB & A NO. 111-5	