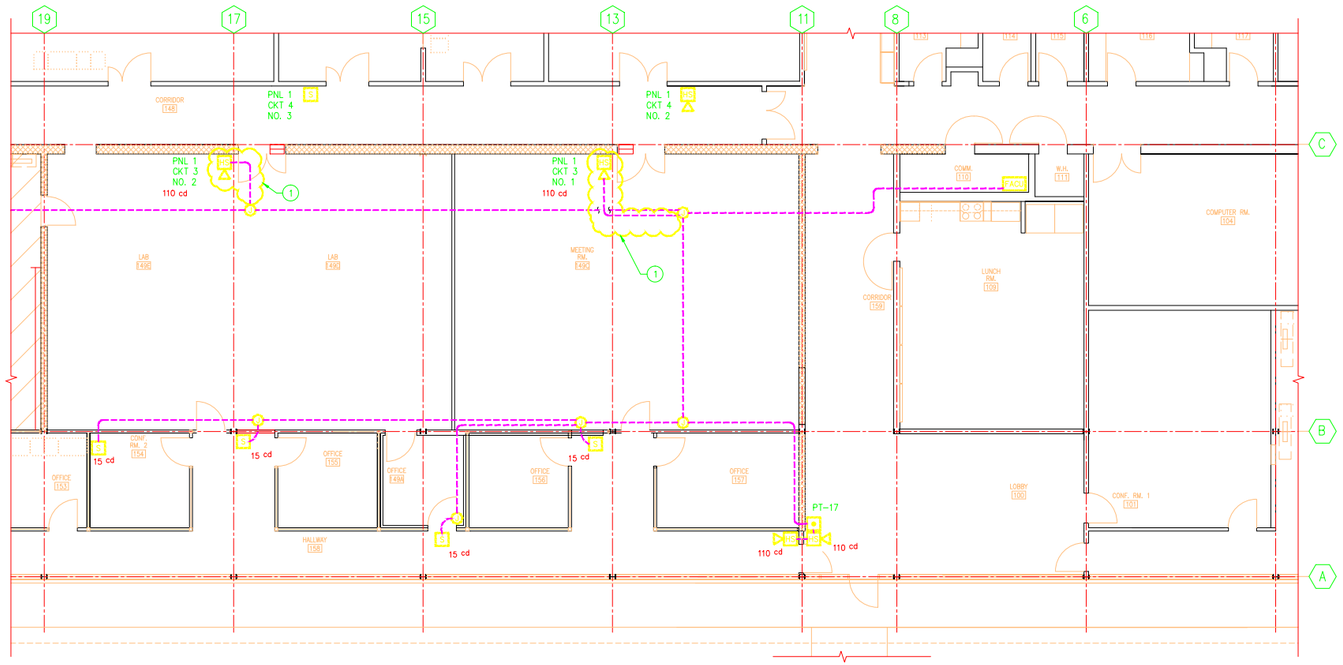


PARTIAL FIRE ALARM DEMOLITION PLAN

1/8" = 1'-0"

1 FA1.1 FA1.1

NORTH

8' 4' 0' 8' 16'

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

GENERAL NOTES

IN GENERAL, WORK SHALL INCLUDE, BUT NOT BE LIMITED TO:

1) THE DETAILED DESIGN, FABRICATION, PROCUREMENT, AND INSTALLATION OF THE FIRE PROTECTION SYSTEMS ADDITIONS AND MODIFICATIONS AS INDICATED ON THE CONTRACT DRAWINGS. THE SUBCONTRACTOR SHALL ALSO DEVELOP, AND SUBMIT FOR ACCEPTANCE, A BLOCK DIAGRAM OF THE EXISTING FIRE ALARM SYSTEM, THE MODIFICATIONS, THEIR INTERACTION, AND A REVISED SEQUENCE OF OPERATIONS DEPICTING THE FUNCTIONS FOR THE COMPLETE SYSTEM (INCLUDING MODIFICATIONS).

2) INSTALLATION OF NEW CONDUIT, RACEWAY SYSTEM MODIFICATIONS AND RACEWAYS FOR THE FIRE ALARM SYSTEM MODIFICATIONS.

3) THE INSTALLATION OF AN ADDITIONAL POWER SUPPLY FOR THE NEW NOTIFICATION APPLIANCES, AS NECESSARY AND REQUIRED.

4) ALL PENETRATIONS THROUGH WALLS, FLOORS AND CEILINGS NECESSARY FOR THE INSTALLATION OF THE FIRE PROTECTION SYSTEMS INCLUDING THE INSTALLATION OF APPROVED FIRESTOP ASSEMBLIES NECESSARY TO MAINTAIN THE DESIGNED FIRE RESISTANCE RATING OF THE WALL, CEILING, OR FLOOR ASSEMBLY.

5) DELETIONS, MODIFICATIONS, AND ADDITIONS TO THE EXISTING FIRE ALARM SYSTEM AS INDICATED.

6) THE DEVELOPMENT OF A BLOCK DIAGRAM TO SHOW THE COMPLETE SYSTEM AND A SEQUENCE OF OPERATIONS FUNCTION CHART.

6) SYSTEMS AND DEVICE TESTING.

7) THE SUBCONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING AND IMPLEMENTING ALL SAFETY PROGRAMS AND PROCEDURES FOR THIS PROJECT AND SHALL COMPLY WITH ALL FEDERAL, STATE AND LOCAL SAFETY AND HEALTH REGULATIONS.

8) THE CONTRACT DRAWINGS ARE DIAGRAMMATIC ONLY. SUBCONTRACTOR SHALL DETERMINE THE ACTUAL MEASUREMENTS AND MAKE ANY AND ALL SUCH LENGTH AND OFFSET ADJUSTMENTS AND FIRE ALARM CONTROL UNIT PROGRAMMING AS MAY BE NECESSARY TO COMPLETE THE INSTALLATION AT NO CHANGE IN THE CONTRACT PRICE. THE DRAWINGS ARE NOT INTENDED TO RELIEVE THE SUBCONTRACTOR OF ANY RESPONSIBILITY FOR AVOIDING CONFLICTS OR OBSTRUCTIONS, OR FOR INSTALLING THE FIRE ALARM DEVICES AND EQUIPMENT AS REQUIRED TO PROVIDE COMPLETE PROTECTION OF THE DESIGNATED AREAS IN ACCORDANCE WITH THE REQUIREMENTS OF THE REFERENCED STANDARDS AND THE SPECIFICATIONS. WRITTEN APPROVAL SHALL BE OBTAINED FROM THE OWNER'S REPRESENTATIVE PRIOR TO MAKING ANY MAJOR DEVIATIONS FROM THE ARRANGEMENT AND LAYOUT SHOWN ON THE DRAWINGS.

9) ALL EQUIPMENT SHALL BE NEW, AND APPROVED AND/OR LISTED BY UNDERWRITERS' LABORATORIES OR FACTORY MUTUAL.

10) SYSTEM, EQUIPMENT, INSTALLATION, AND MATERIALS AND METHODS USED SHALL COMPLY WITH THE FOLLOWING:

A) THE REQUIREMENTS OF THE LAWRENCE BERKELEY NATIONAL LABORATORY.

B) THE REQUIREMENTS OF THE CONTRA COSTA COUNTY FIRE PROTECTION DISTRICT.

C) NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 72 NATIONAL FIRE ALARM CODE.

D) CALIFORNIA BUILDING AND FIRE CODES.

E) MANUFACTURER'S RECOMMENDATIONS AND GUIDELINES.

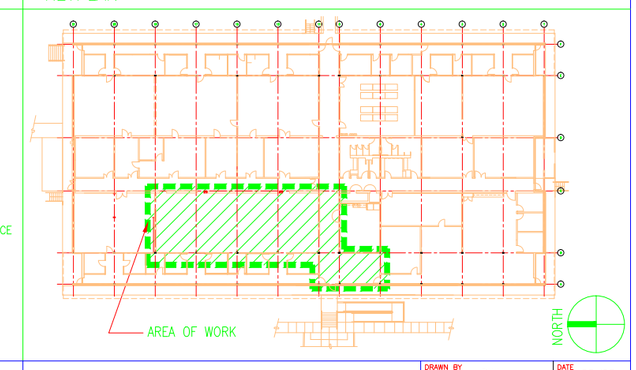
LEGEND

- PACS — EXISTING RADIONICS FIRE ALARM CONTROL UNIT
- 110 cd HS — EXISTING AUDIBLE/VISUAL NOTIFICATION APPLIANCE
- 110 cd S — EXISTING VISUAL NOTIFICATION APPLIANCE
- EXISTING RACEWAY JUNCTION BOX
- EXISTING FIRE ALARM CONDUIT RACEWAY
- 110 cd HS — NEW CEILING MOUNTED AUDIBLE/VISUAL NOTIFICATION APPLIANCE
- PS — NEW NOTIFICATION APPLIANCE POWER SUPPLY
- NEW RACEWAY JUNCTION BOX
- NEW ¾" FIRE ALARM CONDUIT RACEWAY

KEYNOTES

1. DEMOLISH EXISTING RACEWAY TO EXISTING APPLIANCE. REMOVE EXISTING APPLIANCE. CONNECT NOTIFICATION APPLIANCE CIRCUIT TO PROVIDE CONTINUOUS CIRCUIT INTEGRITY. PROVIDE PLUG IN EXISTING JUNCTION BOX.

KEYPLAN



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CONSULTING FIRM | CONSULTING FIRM | CONSULTING A/E FIRM | PROFESSIONAL SEAL (IF REVISION, APPLIES ONLY TO REVISED WORK)

ISSUE: RECORD DRAWING 07/28/06 (PROGRESS, ESTIMATE, BID, CONSTRUCTION, CONFORMED, REVISION, AS-BUILT)

REVISION NUMBER	DRAWN BY	CHECKED BY	APPR'D BY	DATE	REMARKS
1	HYT	BT	DH	10/11/05	CONFORMED SET
—	HYT	BT	DH	07/28/06	RECORD DRAWING

JGI – B100
CONFERENCING CENTER
FIRE ALARM DEMOLITION PLAN

UNIVERSITY OF CALIFORNIA
LAWRENCE BERKELEY NATIONAL LABORATORY
FACILITIES DIVISION

DRAWN BY DWH	DATE 06/28/05	
CHECKED BY BBT	06/28/05	
APPROVED BY		
CAD FILE PATH 00019531		
SCALE 1/8" = 1'-0"		
DRAWING NO. 4B100E084A	SHEET FA1.1	
PROJECT NO. FX5400	28 OF 45	