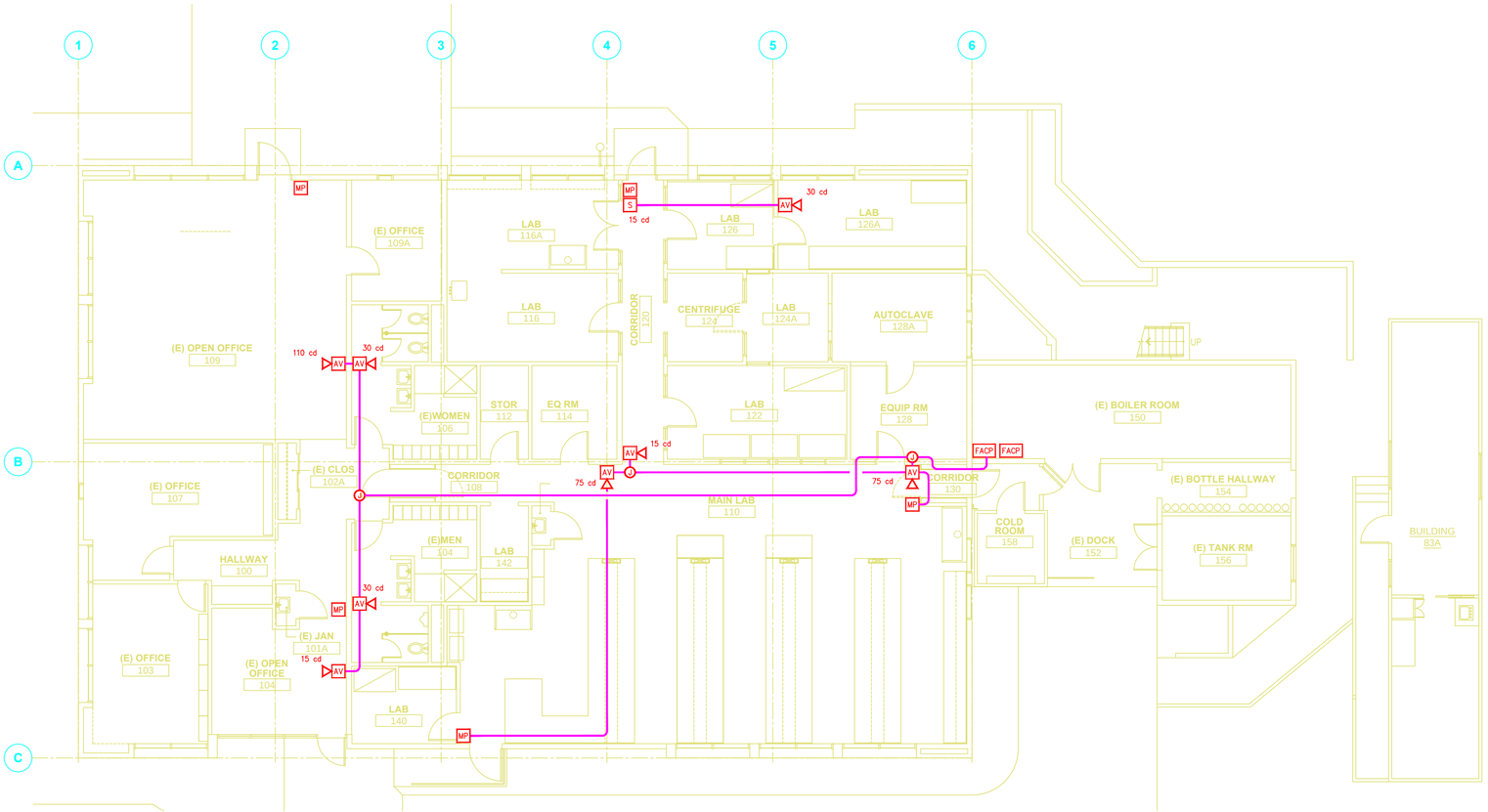
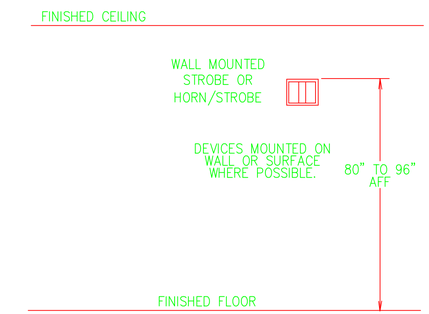


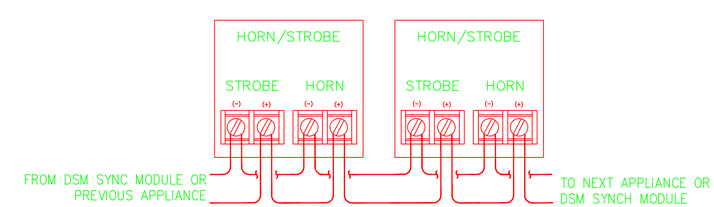
1 FA1.0 FIRE ALARM DEMOLITION FLOOR PLAN
SCALE: 1/8"=1'-0"

GENERAL NOTES

1. THIS DESIGN PROVIDES FOR THE INSTALLATION OF NEW/ADDITIONAL OCCUPANT NOTIFICATION APPLIANCES WITHIN BUILDING 83. THE SCOPE OF WORK INCLUDES THE DEMOLITION OF AN EXISTING APPLIANCE AND THE INSTALLATION OF THE NEW APPLIANCES AND DEVICES (AS SHOWN IN THE DRAWINGS). THE APPLIANCES AND DEVICES SHALL BE CONNECTED TO THE EXISTING SIEMENS SYSTEM 3 FIRE ALARM CONTROL UNIT. THE DEVICES AND APPLIANCES SHALL BE PROVIDED AND INSTALLED AS INDICATED IN THE DRAWINGS, NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 72, NATIONAL FIRE ALARM CODE, AND THE MANUFACTURER'S LISTINGS AND APPROVALS.
2. THE DRAWINGS SHOW ONLY THE FIRE ALARM APPLIANCES AND DEVICES IMPACTED BY THIS PROJECT. THE EXISTING APPLIANCES NOT DEMOLISHED AS PART OF THIS PROJECT SHALL REMAIN FUNCTIONAL.
3. ALL FIRE ALARM SYSTEM RACEWAY (E.G. CONDUIT) SHALL BE PROVIDED IN ACCORDANCE WITH THE UNIVERSITY'S STANDARDS AND THESE CONTRACT DOCUMENTS. ALL CONDUIT SHALL BE ROUTED CONCEALED IN FINISHED AREAS, UNLESS ACCEPTED BY THE UNIVERSITY. CONDUIT ROUTED ABOVE DROP CEILING SYSTEMS SHALL BE INSTALLED AT A HEIGHT PERMITTING THE EASY REMOVAL OF THE CEILING TILE (E.G. CONDUIT SHALL NOT BE INSTALLED ABOVE THE TILE TO PREVENT EASY LIFTING FOR ACCESS). EXPOSED CONDUIT IN FINISHED AREAS SHALL BE PAINTED.
4. THESE DRAWINGS ARE DIAGRAMMATIC IN THAT EXACT DEVICE, APPLIANCE, AND EQUIPMENT LOCATIONS, CONDUIT ROUTING, CONDUIT SUPPORT AND CONSTRUCTION DETAILS ARE TO BE DEVELOPED BY THE SUBCONTRACTOR.
5. ALL WIRING SHALL BE INSTALLED IN COMPLIANCE WITH THE CALIFORNIA ELECTRICAL CODE (SPECIFICALLY ARTICLE 760) AND NFPA 72, NATIONAL FIRE ALARM CODE.
6. NO WIRING SHALL BE EXPOSED. WIRING WITHIN ENCLOSURES SHALL BE NEATLY BUNDLED AND STRAPPED OR FASTENED TO THE ENCLOSURE OR ENCLOSURE DOORS.
7. NO CLASS 2 OR 3 SIGNAL WIRING SHALL BE INSTALLED IN CONDUIT WITH LIGHT, POWER, OR CLASS 1 SIGNAL WIRING.



2 FA1.0 TYPICAL APPLIANCE MOUNTING DETAIL
SCALE: NONE



3 FA1.0 TYPICAL APPLIANCE WIRING DETAIL
SCALE: NONE

LEGEND

- FACP — FIRE ALARM CONTROL UNIT
- MP — FIRE CALL BOX
- AV — HORN/STROBE
- S — STROBE
- FIRE ALARM CONDUIT

SHEET NOTES

RECORD DRAWING
01/06/11

REVISION NUMBER	DRAWN BY	CHECKED BY	APPR'D BY	DATE	REMARKS
B	HYT	HYT	–	1/6/11	RECORD DRAWING
A	HYT	HYT	–	11/8/10	BUILDING MODIFICATIONS

CONSULTING FIRM | CONSULTING FIRM | CONSULTING A/E FIRM | PROFESSIONAL SEAL (IF REVISION, APPLIES ONLY TO REVISED WORK) | ISSUE (PROGRESS, ESTIMATE, BID, CONSTRUCTION, CONFORMED, REVISION, AS-BUILT)

BUILDING 83
FIRE ALARM SYSTEM MODIFICATIONS
NEW INSTALLATIONS

UNIVERSITY OF CALIFORNIA
LAWRENCE BERKELEY NATIONAL LABORATORY
FACILITIES DIVISION

DRAWN BY DWH	DATE 8/15/08	
CHECKED BY BBT	8/15/08	
APPROVED BY		
CAD FILE PATH		
SCALE As Noted		
DRAWING NO. 4B83E044B	SHEET FA1.0	
PROJECT NO. WCV6.32	OF	