










FIRE ALARM DRAWING LIST		
FA-1.1	-	FIRE ALARM LEGEND, NOTES AND RISER
FA-2.1	-	FIRE ALARM MAIN FLOOR DEMOLITION PLAN
FA-2.2	-	FIRE ALARM CONSTRUCTION PLANS
FA-2.3	-	FIRE ALARM BASEMENT REFERENCE PLAN

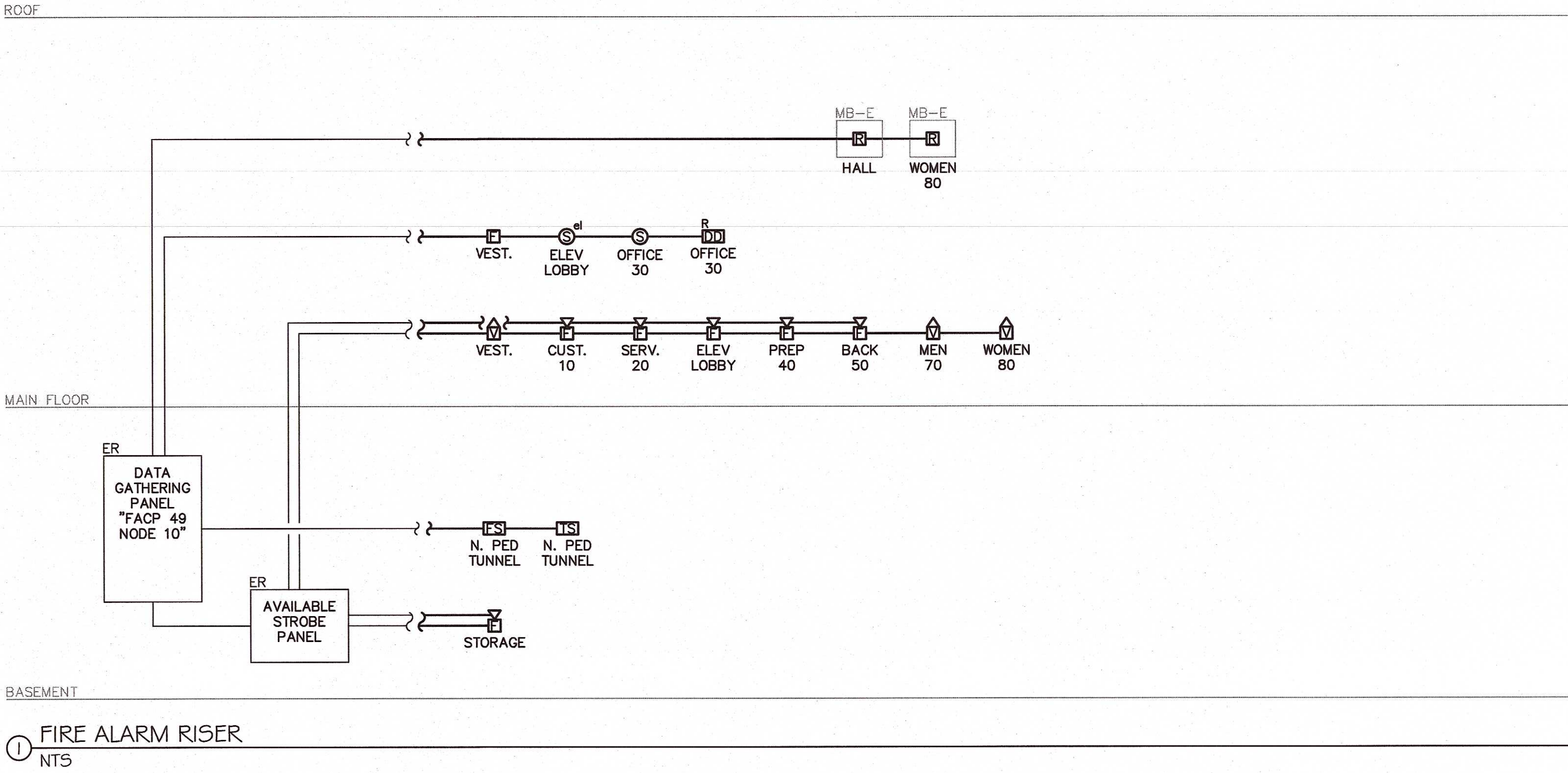
FIRE ALARM GENERAL SYMBOLS AND ABBREVIATIONS	
	BUILDING STANDARD FIRE ALARM AUDIO/VISUAL DEVICE, WALL MOUNTED ADA COMPLIANT - 87db AND 110cd UNLESS NOTED OTHERWISE
	BUILDING STANDARD FIRE ALARM VISUAL DEVICE, WALL MOUNTED ADA COMPLIANT - 30cd UNLESS NOTED OTHERWISE
	BUILDING STANDARD FIRE ALARM PULL STATION
	BUILDING STANDARD FIRE ALARM AREA SMOKE DETECTOR, CEILING MOUNTED
	BUILDING STANDARD FIRE ALARM AREA SMOKE DETECTOR WITH ELEVATOR RECALL, CEILING MOUNTED
	BUILDING STANDARD FIRE ALARM RETURN DUCT SMOKE DETECTOR
	BUILDING STANDARD FIRE ALARM RELAY MODULE
	BUILDING STANDARD WATER FLOW SWITCH - BY OTHERS
	BUILDING STANDARD TAMPER SWITCH - BY OTHERS
-----	EXISTING EQUIPMENT/WIRE TO BE REMOVED
_____	EXISTING EQUIPMENT/WIRE TO REMAIN
_____	NEW EQUIPMENT/WIRE
-----	CONTROL WIRING
ER	EXISTING TO REMAIN





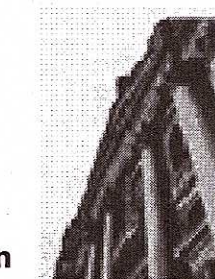
FIRE ALARM GENERAL NOTES

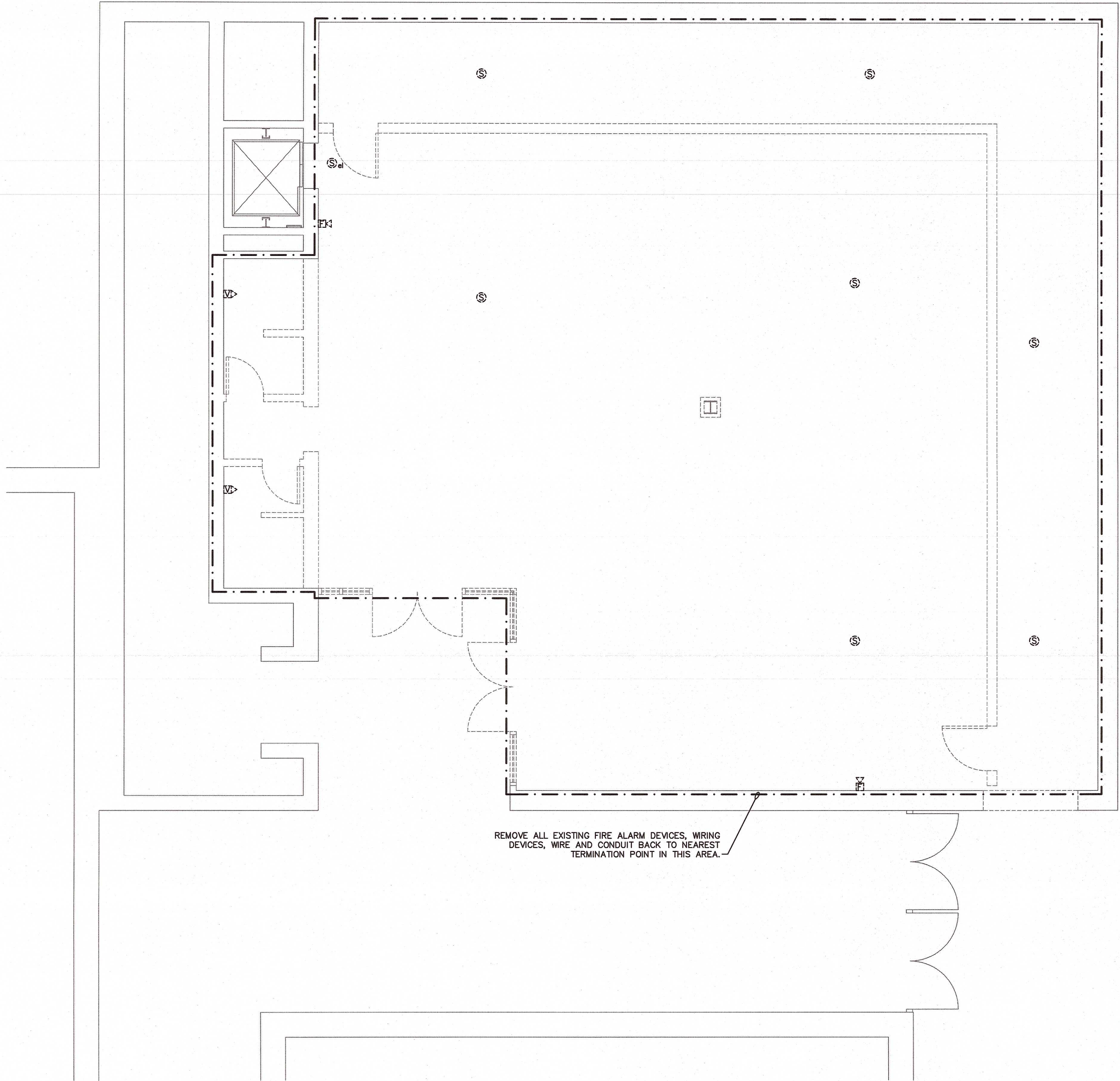
- A. DEMOLITION WORK:
- ALL SALVAGEABLE ITEMS SUCH AS SMOKE DETECTORS, AUDIO AND/OR VISUAL DEVICES, ETC. THAT ARE NOT TO BE REUSED SHALL BE TURNED OVER TO THE OWNER.
 - REFER TO ARCHITECTURAL PLANS FOR GENERAL DEMOLITION ITEMS SUCH AS CEILINGS, WALLS, ETC.
 - THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE OWNER AS TO CONSTRUCTION SCHEDULING, SERVICE INTERRUPTIONS AND ACCESS TO WORK AREAS.
 - THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION IN AREAS OF RENOVATION. ALL FIRE ALARM DEVICES, WIRE AND CONDUIT THAT ARE TO BE REMOVED SHALL BE STORED AS DIRECTED BY THE OWNER; OR RELOCATED AS SHOWN ON NEW FLOOR PLANS. APPROPRIATE MEASURES SHALL BE TAKEN TO ASSURE CONTINUITY OF EXISTING CIRCUITS WHERE REQUIRED. ALL OUTAGES WHICH MAY RESULT SHALL BE COORDINATED WITH THE OWNER PRIOR TO THE WORK AND APPROPRIATE "FIRE WATCHES" SHALL BE PROVIDED.
- B. NEW WORK:
- THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL BUILDING STANDARD FIRE ALARM DEVICES WHERE SHOWN ON THE PLANS. NEW FIRE ALARM WIRING FOR DEVICES, MODULES AND EQUIPMENT SHALL BE ROUTED TO THE FIRE ALARM CONTROL PANEL.
 - FINAL CONNECTIONS AND TESTING OF THE SYSTEM SHALL BE PERFORMED BY THE BUILDING FIRE ALARM CONTRACTOR. THE ELECTRICAL CONTRACTOR SHALL OBTAIN THE SERVICES OF THE FIRE ALARM CONTRACTOR TO PERFORM THIS WORK.
 - PRIOR TO BID, THE ELECTRICAL CONTRACTOR SHALL COORDINATE REQUIREMENTS WITH THE BUILDING FIRE ALARM CONTRACTOR AND INCLUDE IN HIS PRICE ALL WORK, EQUIPMENT, INTERCONNECTIONS AND PROGRAMMING THAT IS REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM.
 - THE OPERATION OF THE FIRE ALARM INSTALLATION DOES NOT CONSTITUTE AN ACCEPTANCE OF THE WORK BY THE OWNER. FINAL ACCEPTANCE IS TO BE MADE AFTER THE ELECTRICAL CONTRACTOR HAS DEMONSTRATED THAT THE WORK FULFILLS THE REQUIREMENTS FOR APPROVAL BY ALL AUTHORITIES HAVING JURISDICTION.
 - THE FIRE ALARM RISER DIAGRAM SHOWN IS AN INDICATION OF THE WORK REQUIRED AND SHALL BE USED FOR ESTIMATING PURPOSES ONLY. THE SUCCESSFUL ELECTRICAL CONTRACTOR SHALL OBTAIN A POINT-TO-POINT WIRING DIAGRAM FROM THE BUILDING FIRE ALARM CONTRACTOR AND PERFORM ALL WORK IN ACCORDANCE WITH THAT DIAGRAM.
 - ALL FIRE ALARM EQUIPMENT, DEVICES, CABLING, ETC. NOT SCHEDULED FOR REMOVAL SHALL BE MAINTAINED AND KEPT IN OPERATION AT ALL TIMES.
 - WHERE PERMITTED BY LOCAL CODES, FIRE ALARM AUDIO AND VISUAL DEVICES SHALL BE WHITE IN COLOR.
 - SMOKE DETECTORS SHALL NOT BE INSTALLED WITHIN 3'-0" OF ANY SUPPLY DIFFUSERS REGARDLESS OF THEIR LOCATION SHOWN ON THE DRAWINGS. COORDINATE EXACT LOCATIONS WITH THE MECHANICAL CONTRACTOR.
 - FOR ALL DUCT DETECTORS LOCATED ABOVE ACCESSIBLE CEILINGS, PROVIDE REMOTE TEST SWITCH IN ACCESSIBLE CEILING BELOW DETECTOR LOCATION WHETHER SHOWN ON DRAWINGS OR NOT.
 - SYSTEM CABLES SHALL BE PLENUM-RATED UNLESS INSTALLED IN CONDUIT. SYSTEM CABLES ARE TO BE INSTALLED IN CONDUIT BELOW 96" AFF. WHERE ROUTED THROUGH WALLS OR ABOVE HARD CEILINGS, AND IN EXPOSED LOCATIONS. SYSTEM CONDUITS ARE TO BE INSTALLED AS HIGH AS POSSIBLE TO ABOVE ACCESSIBLE CEILING SPACE WITHIN 24" OF A CABLE SUPPORT.
 - ALL ROUTING OF CONDUIT FROM NEW FIRE ALARM DEVICES TO FIRE ALARM CONTROL PANEL SHALL BE DIRECTED AND APPROVED BY THE OWNER'S REPRESENTATIVE. OBTAIN PERMISSION FROM THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
 - PROVIDE PLASTIC BUSHING ON EACH CONDUIT TERMINATION.
 - THE EXISTING FIRE ALARM SYSTEM IS MODEL EST3 AS MANUFACTURED BY EDWARDS. CONTACT THE OWNER'S REPRESENTATIVE FOR SERVING FIRE ALARM CONTRACTOR.

FIRE ALARM SEQUENCE OF OPERATION NOTES

- A. OPERATION OF A MANUAL PULL STATION WILL:
- ACTIVATE ALL AUDIO AND/OR VISUAL DEVICES ON THE FLOOR IN ALARM, FLOOR BELOW AND FLOOR ABOVE.
 - ACTIVATE INQUIRY TONE THROUGHOUT THE BUILDING.
 - RELEASE ALL DOOR HOLD-OPEN DEVICES.
 - OPERATE ALL DOOR STRIKE RELEASE RELAYS TO OPEN LOCKED DOORS.
 - DISPLAY ALARM AT THE FIRE ALARM CONTROL PANEL AND FIRE ALARM REMOTE ANNUNCIATOR(S).
 - DISPLAY APPROPRIATE ZONE AT THE FIRE ALARM CONTROL PANEL AND FIRE ALARM REMOTE ANNUNCIATOR(S).
 - CALL FIRE DEPARTMENT VIA CENTRAL STATION.
- B. OPERATION OF AN ALARM BY AREA HEAT OR SMOKE DETECTOR WILL:
- EFFECT THE SAME ACTIONS AS A MANUAL PULL STATION (A.1 TO A.7 ABOVE).
 - OPERATE ALL REQUIRED DAMPER RELAYS.
 - STOP ALL FANS SERVING THE FLOOR IN ALARM.
- C. OPERATION OF A DUCT SMOKE DETECTOR WILL:
- DISPLAY SUPERVISORY SIGNAL AT THE FIRE ALARM CONTROL PANEL AND FIRE ALARM REMOTE ANNUNCIATOR(S).
 - DISPLAY APPROPRIATE ZONE AT THE FIRE ALARM CONTROL PANEL AND FIRE ALARM REMOTE ANNUNCIATOR(S).
 - SHUTDOWN CORRESPONDING HVAC UNITS.
- D. OPERATION OF AN ELEVATOR LOBBY SMOKE DETECTOR OR WATER FLOW SWITCH WILL:
- EFFECT THE SAME ACTIONS AS AN AREA HEAT OR SMOKE DETECTOR IN ALARM (B.1 TO B.3 ABOVE).
 - RECALL TO LOBBY ALL ELEVATORS SERVING THE ALARMED FLOOR.
- E. TROUBLE SIGNALS FROM ALL DEVICES WILL BE DISPLAYED AT THE FIRE ALARM CONTROL PANEL.




Revisions & Issues			Client / Project		M.E.P. Engineer		Seal		Issue Date		Sheet No.		Architect		
No.	Description	Date	 Purchase College STATE UNIVERSITY OF NEW YORK	 AT SUNY PURCHASE 735 Anderson Hill Road Purchase, NY 10577	 Southport Associates Southport Engineering Associates, PC 11 Bailey Avenue Ridgefield, CT 06877 Tel.: (203) 431-6844 Fax: (203) 431-6877		<p>It is a violation of the New York State Education Law to alter these documents in any way once the seal and signature have been affixed by the Architect.</p>	June. 7, 2016	FA-1.1	DAVID A. TETRO ARCHITECT P.C. AIA - LEED A.P. - NCARB					
1	Issued for Review	04.15.2016						15.44				Fire Alarm Legend, Notes and Riser ISSUED FOR CONSTRUCTION			
2	Issued for Value Engineering Revision	01.30.2017													
3	Issued for Construction	02.20.2017													
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① FIRE ALARM MAIN FLOOR DEMOLITION PLAN
1/4" = 1'-0"

Revisions & Issues		
No.	Description	Date
1	Issued for Review	04.15.2016
2	Issued for Value Engineering Revision	01.30.2017
3	Issued for Construction	02.20.2017
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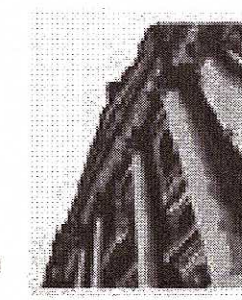
Issue Date:
June. 7, 2016

Project No.:
15-44

Sheet Title:
**Fire Alarm Main Floor
Demolition Plan**
ISSUED FOR CONSTRUCTION

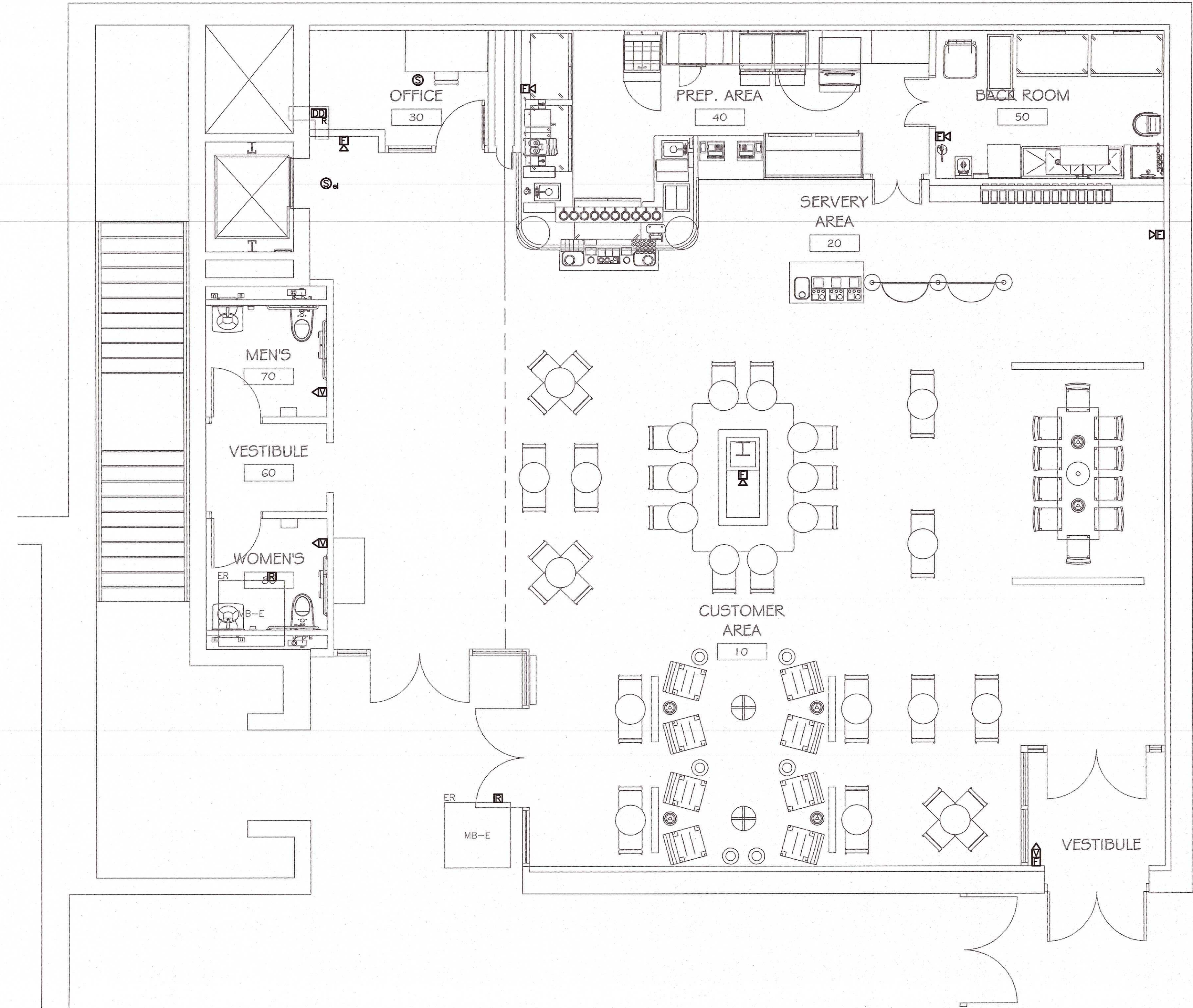
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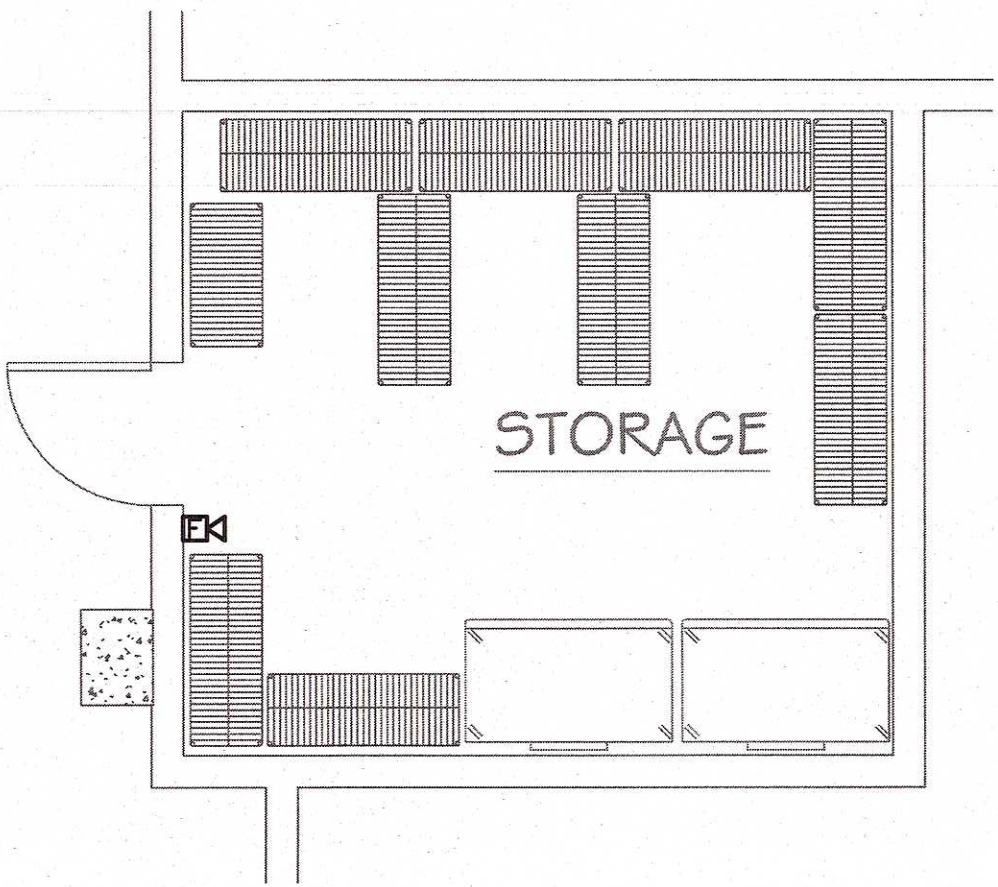


FIRE ALARM GENERAL NOTES

1. FIELD VERIFY EXACT LOCATION OF ALL MECHANICAL EQUIPMENT WITH THE MECHANICAL CONTRACTOR.



① FIRE ALARM MAIN FLOOR CONSTRUCTION PLAN
1/4" = 1'-0"

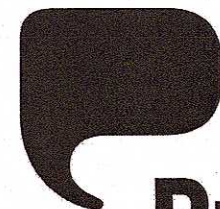


② FIRE ALARM BASEMENT CONSTRUCTION PLAN
1/4" = 1'-0"

Revisions & Issues		
No.	Description	Date
1	Issued for Review	04-15-2016
2	Issued for Value Engineering Revision	01-30-2017
3	Issued for Construction	02-20-2017

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Issue Date:

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Project No.:

15-44

Sheet Title:

Fire Alarm Construction
Plans

ISSUED FOR CONSTRUCTION

Sheet No.:

FA-2.2

Architect:

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