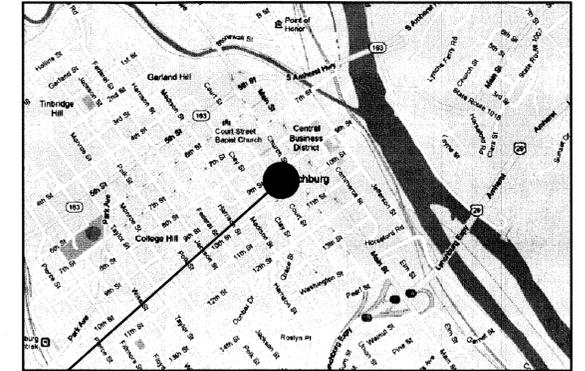


CITY OF LYNCHBURG MONUMENT TERRACE BUILDING ELEVATOR MODERNIZATION LYNCHBURG, VIRGINIA

PROJECT CODE: BM068
FOR CONSTRUCTION
JULY 22, 2013



GENERAL NOTES:

- THESE DRAWINGS ARE SCHEMATIC IN NATURE AND ARE NOT INTENDED FOR USE AS FABRICATION DRAWINGS. THESE DRAWINGS INDICATE THE GENERAL AND APPROXIMATE SIZE AND LOCATION OF MATERIAL. FIELD VERIFY ALL DIMENSIONS AND LOCATIONS PRIOR TO BEGINNING WORK. ALL UTILITIES NOTED ON PLANS ARE APPROXIMATE AND CONTRACTOR SHALL FIELD VERIFY LOCATION.
- ALL WORK SHALL BE INSTALLED IN ACCORDANCE WITH APPLICABLE CODES AND REGULATIONS, INCLUDING, BUT NOT LIMITED TO, THE 2009 VIRGINIA UNIFORM STATEWIDE BUILDING CODE (MARCH 1, 2011) AND ASSOCIATED CODES OF REFERENCE. REFER TO APPLICABLE CODES LIST THIS SHEET.
- CONTRACTOR SHALL OBTAIN ALL BUILDING AND TRADE PERMITS FOR CONSTRUCTION; HOWEVER, THE CITY OF LYNCHBURG SHALL WAIVE ALL FEES REQUIRED FOR PERMITS.
- ALL MATERIAL SHALL BE NEW UNLESS OTHERWISE NOTED. MATERIALS ARE BASED ON THE INDICATED MANUFACTURERS/MODELS AND ARE INTENDED ONLY TO SHOW THE GENERAL SIZE, CONFIGURATION, LOCATION, CONNECTIONS, AND SUPPORT FOR INDICATED MATERIAL WITH RELATION TO OTHER BUILDING SYSTEMS. MATERIAL BY ANY MANUFACTURER THAT MEETS THE SCHEDULED CRITERIA IS ACCEPTABLE. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ACTUAL INSTALLED MATERIAL AND ASSOCIATED CHANGES.
- THE CONTRACTOR SHALL COORDINATE THE WORK WITH EXISTING CONDITIONS, INCLUDING BEAMS, COLUMNS, AND OTHER OBSTRUCTIONS, WHETHER OR NOT SUCH IS SHOWN ON DRAWINGS.
- THE CONTRACTOR SHALL COORDINATE THE WORK BETWEEN ALL TRADES. MATERIAL LOCATIONS SHALL BE COORDINATED BETWEEN TRADES TO AVOID CONFLICTS.
- EXISTING MATERIAL TO BE REMOVED SHALL BE REMOVED CAREFULLY TO AVOID DAMAGING MATERIAL TO REMAIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE THAT OCCURS TO EXISTING MATERIAL TO REMAIN OR TO BE RELOCATED DURING DEMOLITION AND CONSTRUCTION.
- THE CONTRACTOR SHALL ADVISE THE A/E IMMEDIATELY OF DISCREPANCIES FOUND ON THE DRAWINGS, IN THE SPECIFICATIONS, OR BETWEEN THE TWO. NEITHER THE DRAWINGS NOR THE SPECIFICATIONS HAVE PRIORITY OVER THE OTHER AND TOGETHER FORM A COMPREHENSIVE SET OF CONSTRUCTION DOCUMENTS. MINOR DEVIATIONS FROM THE PLANS MAY BE MADE TO AVOID MINOR CONFLICTS. WHERE MAJOR CONFLICTS ARE ENCOUNTERED, THE AFFECTED WORK SHALL NOT BE INSTALLED UNTIL THE CONFLICT HAS BEEN RESOLVED. NEITHER THE A/E NOR THE OWNER SHALL BE RESPONSIBLE FOR CONSEQUENCES OF PROCEEDING WITH WORK BASED ON CONTRACTOR INTERPRETATION OR ON DIRECTION FROM OTHER PARTIES, INCLUDING THE OWNER AND INSPECTORS.
- ALL MATERIAL SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS, MAINTAINING ALL REQUIRED CLEARANCES AND WITH ALL COMPONENTS ACCESSIBLE AND SERVICEABLE.
- CONTRACTOR SHALL PROVIDE MATERIAL DATA SUBMITTALS FOR ALL NEW MATERIAL. REFER TO INDIVIDUAL SHEETS FOR ADDITIONAL SUBMITTAL REQUIREMENTS. THE CONTRACTOR SHALL PROVIDE A SUBMITTAL SCHEDULE WITHIN 30 DAYS OF AWARD OF CONTRACT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ASSEMBLING OPERATION AND MAINTENANCE MANUALS CONTAINING ALL MATERIAL SUBMITTALS, INSTALLATION AND OPERATING INSTRUCTIONS, AND WARRANTY INFORMATION. TWO (2) HARD COPIES AND TWO (2) ELECTRONIC FORMAT (PDF) COPIES ON CD OF O&M MANUALS SHALL BE SUBMITTED TO THE A/E AT THE TIME OF SUBSTANTIAL COMPLETION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING A SET OF AS-BUILT DRAWINGS ON SITE WHICH INDICATE IN RED ALL DEVIATIONS FROM ORIGINAL CONSTRUCTION DOCUMENTS, INCLUDING APPROVED CONSTRUCTION CHANGE ORDERS. AS-BUILT DRAWINGS SHALL BE CLEARLY LEGIBLE AND COMPLETE. AS-BUILT DRAWINGS SHALL BE SUBMITTED TO THE A/E AT THE TIME OF SUBSTANTIAL COMPLETION.
- CONTRACTOR SHALL KEEP PUBLIC AREAS FREE OF TRASH AND CONSTRUCTION DEBRIS AND CLEAN ENTIRE WORK AREA ON A DAILY BASIS.
- TEMPORARY POWER AND WATER SERVICE ARE AVAILABLE IN THE BUILDING FOR THE CONTRACTOR'S USE DURING CONSTRUCTION. CONTRACTOR SHALL COORDINATE ACCESS WITH OWNER AND SHALL PROVIDE ANY REQUIRED TEMPORARY CONNECTIONS AND EXTENSIONS.
- CONTRACTOR'S PERSONNEL MAY USE THE TOILET FACILITIES IDENTIFIED BY THE OWNER'S PROJECT MANAGER IN THE BUILDING FOR THE DURATION OF THE PROJECT.
- CONTRACTOR SHALL VISIT THE SITE TO BECOME FAMILIAR WITH THE SCOPE OF WORK AND TO VERIFY EXISTING CONDITIONS PRIOR TO BIDDING THIS PROJECT. ANY DISCREPANCIES OR AMBIGUOUS ITEMS MUST BE REPORTED TO THE A/E AND THE OWNER FOR CLARIFICATION PRIOR TO BIDDING.
- CONTRACTOR SHALL PROVIDE A DUST-PROOF BARRIER BETWEEN THE CONSTRUCTION ZONE AND OCCUPIED PORTIONS OF THE BUILDING. CONTRACTOR SHALL FILTER EXISTING HVAC GRILLES IN WORK AREA TO MITIGATE SPREAD OF DUST INTO OCCUPIED AREAS OF THE BUILDING.

- CONTRACTOR SHALL PROTECT THE BUILDING, ADJACENT FEATURES, ROADWAYS, WALKWAYS, SITE IMPROVEMENTS, EXTERIOR PLANTINGS, LANDSCAPING, ETC. AS REQUIRED FROM DAMAGE AND CORRECT DAMAGE RESULTING FROM CONSTRUCTION ACTIVITIES TO THE SATISFACTION OF THE OWNER.
- CONTRACTOR SHALL COLLECT DEMOLISHED MATERIALS AND PLACE IN APPROPRIATE DISPOSAL CONTAINERS. DEMOLISHED MATERIALS SHALL BE PROMPTLY REMOVED FROM THE OWNER'S PROPERTY AND DISPOSED OF LEGALLY.
- CONTRACTOR SHALL NOTIFY OWNER OF ANY INTERRUPTION OF UTILITIES INCLUDING BUT NOT LIMITED TO POWER, WATER, COMMUNICATIONS, ETC AND COORDINATE OUTAGE WITH OWNER AND ALL BUILDING TENANTS.
- THE CONTRACTOR IS TYPICALLY PERMITTED TO WORK BETWEEN 7:00 AM AND 5:00 PM MONDAY THRU FRIDAY. WORK OUTSIDE THESE HOURS SHALL BE COORDINATED WITH OWNER'S PROJECT MANAGER DURING CONSTRUCTION. CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH OWNER AND BUILDING TENANTS FOR SPECIAL EVENTS.
- CONTRACTOR IS PERMITTED TO USE THE BASEMENT LEVEL FOR LAYDOWN AND STORAGE OF MATERIALS. CONSTRUCTION DEBRIS SHALL BE MOVED VIA THE ELEVATORS AND STAIRWELLS IN THE BUILDING TO A DUMP TRUCK OR OTHER MOBILE COLLECTION SYSTEM TEMPORARILY LOCATED ON CHURCH STREET. CONTRACTOR SHALL DETERMINE FEASIBILITY OF ALL STAGING AND COORDINATE ACCESS WITH THE CITY'S PROJECT MANAGER.
- CONTRACTOR SHALL PROVIDE PRE-DEMOLITION PHOTOGRAPHIC OR VIDEOGRAPHIC DOCUMENTATION TO SHOW EXISTING CONDITIONS OF FINISHED SURFACES IN WORK AREA AND ADJOINING CONSTRUCTION INCLUDING SITE STORAGE AND ACCESS AREAS PRIOR TO PRE-CONSTRUCTION MEETING AND A MINIMUM OF 10 WORKING DAYS PRIOR TO COMMENCEMENT OF WORK.
- CONTRACTOR SHALL RECYCLE ALL EXISTING MATERIALS BEING DEMOLISHED TO THE GREATEST EXTENT POSSIBLE. SUBMIT PROPOSED LIST OF MATERIALS TO BE RECYCLED FOR OWNER REVIEW PRIOR TO DEMOLITION. PROVIDE CERTIFICATIONS OF RECYCLING EFFORTS FOR OWNER'S INFORMATION.
- SUBMITTALS TO BE VERIFIED BY CONTRACTOR WITH REQUIREMENTS THROUGHOUT THE CONSTRUCTION DOCUMENTS:

- ADMINISTRATIVE**
- SUBMITTAL SCHEDULE
 - WORK SCHEDULE
 - SCHEDULE OF VALUES
 - RECYCLING DOCUMENTATION
 - PRE-CONSTRUCTION PHOTOGRAPHIC DOCUMENTATION

- BUILDING (ARCHITECTURAL AND STRUCTURAL)**
- PIT LADDER
 - PAINT PRODUCTS
 - DOOR HARDWARE

- MECHANICAL**
- SPLIT SYSTEM
 - PIPING AND CONNECTIONS

- ELECTRICAL**
- CIRCUIT BREAKERS
 - SWITCHES
 - RECEPTACLES
 - LUMINAIRES
 - FIRE ALARM SYSTEM DEVICES AND CALCULATIONS
 - DISCONNECT SWITCHES
 - STOP SWITCH

- ELEVATOR:**
- SEE SPECIFICATIONS

24. DEFINITIONS:
- FURNISH: SUPPLY AND DELIVER TO PROJECT SITE FOR INSTALLATION BY OTHERS.
- INSTALL: INSTALL ITEMS FURNISHED BY OTHERS, INCLUDING UNLOADING, TEMPORARILY STORING, UNPACKING, AND ASSEMBLY.
- PROVIDE: FURNISH AND INSTALL, COMPLETE AND READY FOR THE INTENDED USE.
- REMOVE: DETACH ITEMS FROM EXISTING CONSTRUCTION AND LEGALLY DISPOSE OF THEM OFF-SITE UNLESS INDICATED TO BE REMOVED AND SALVAGED OR REMOVED AND REINSTALLED.
- REMOVE AND REINSTALL: DETACH ITEMS FROM EXISTING CONSTRUCTION, PREPARE FOR REUSE, AND REINSTALL WHERE INDICATED.
- REMOVE AND SALVAGE: CAREFULLY DETACH FROM EXISTING CONSTRUCTION, IN A MANNER TO PREVENT DAMAGE, AND DELIVER TO OWNER.

DRAWING LIST:

DRAWING NO	TITLE
T1	TITLE SHEET
D1	DEMOLITION PLAN
A1	FLOOR PLANS
M1	MECHANICAL FLOOR PLAN AND DETAILS
E1	ELECTRICAL FLOOR PLANS
E2	SECTIONS AND DETAILS

GENERAL INFORMATION:

PROJECT INFORMATION:	
OWNER:	CITY OF LYNCHBURG
WORK LOCATION:	901 CHURCH STREET, LYNCHBURG, VIRGINIA 24504
BUILDING INFORMATION:	
WORK PERMITTED:	ELEVATOR MODERNIZATION
PURPOSE/OCCUPANCY:	OFFICE OCCUPANCY
USE GROUP CLASSIFICATION:	(B) BUSINESS OCCUPANCY
TYPE OF CONSTRUCTION:	IIB
APPLICABLE CODES:	
BUILDING CODES:	2009 VIRGINIA UNIFORM STATEWIDE BUILDING CODE - VUSBC (EFFECTIVE MARCH 1, 2011) INTERNATIONAL MECHANICAL CODE - IMC (2009) INTERNATIONAL PLUMBING CODE - IPC (2009) NATIONAL ELECTRICAL CODE - NFPA-70 (2008)
ACCESSIBILITY STANDARDS:	AMERICAN NATIONAL STANDARDS INSTITUTE ANSI A117.1 - 2003
ELEVATOR CODE:	AMERICAN SOCIETY OF MECHANICAL ENGINEERS - ASME A 17.1 WITH 2008 AND 2009 ADDENDA

ASBESTOS DISCLOSURE STATEMENT:

AN INSPECTION TO IDENTIFY ASBESTOS CONTAINING BUILDING COMPONENTS WAS NOT PERFORMED BY THE OWNER AS THERE ARE NO KNOWN ASBESTOS CONTAINING ITEMS IN THE WORK AREA FOR THIS PROJECT. THE CONTRACTOR SHALL NOTIFY THE CITY'S PROJECT MANAGER OF ANY SUSPECTED ASBESTOS CONTAINING MATERIALS FOR REMOVAL BY THE CITY OF LYNCHBURG.

LEAD PAINT DISCLOSURE STATEMENT:

AN INSPECTION TO IDENTIFY LEAD COATED BUILDING COMPONENTS WAS NOT PERFORMED BY THE OWNER. THE CONTRACTOR SHALL TEST PROJECT RELATED ITEMS NOTED FOR DEMOLITION AND CUTTING TO DETERMINE THE PRESENCE OF LEAD COATINGS. CONTRACTOR SHALL COMPLY WITH ALL VIRGINIA OCCUPATIONAL SAFETY AND HEALTH (VOSH) REGULATIONS AS THEY PERTAIN TO WORKING WITH LEAD COATED MATERIALS, DISPOSAL OF LEAD COATED MATERIALS, AND EMPLOYEE EXPOSURE TO LEAD.

DISCLAIMER STATEMENT:

VIRGINIA A&E ASSUMES NO RESPONSIBILITY FOR THE ADEQUACY OR ACCURACY OF THE ASBESTOS AND LEAD BASED PAINT INFORMATION PROVIDED ABOVE BY THE OWNER. THE CONTRACTOR SHALL ADDRESS ANY RELATED QUESTIONS TO THE OWNER'S PROJECT MANAGER.

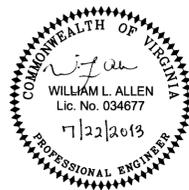
ADDITIVE BID ITEMS:

- ANY OR ALL ADDITIVE BID ITEMS MAY BE ACCEPTED AT THE OPTION OF THE CITY OF LYNCHBURG.
- ADDITIVE BID ITEMS GENERALLY CONSIST OF THE WORK SUMMARIZED BELOW:
ADDITIVE BID ITEM #1 (REPLACE SAFETIES):
REPLACE ELEVATOR SAFETIES PER SPECIFICATIONS FOR TRACTION ELEVATOR MODERNIZATION.

VIRGINIA A&E, PLLC
1115 VISTA PARK DRIVE
FOREST, VA 24551
PHONE: (434) 316-6001



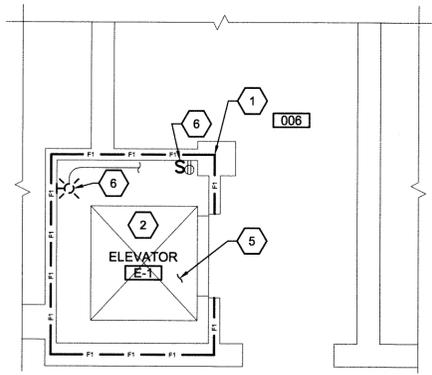
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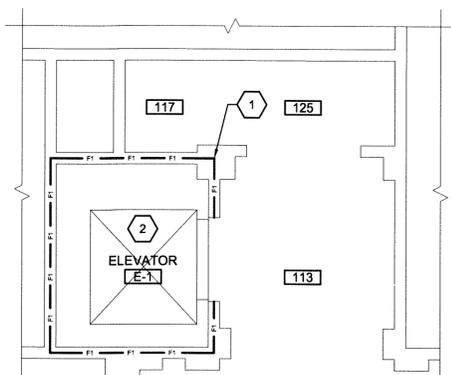
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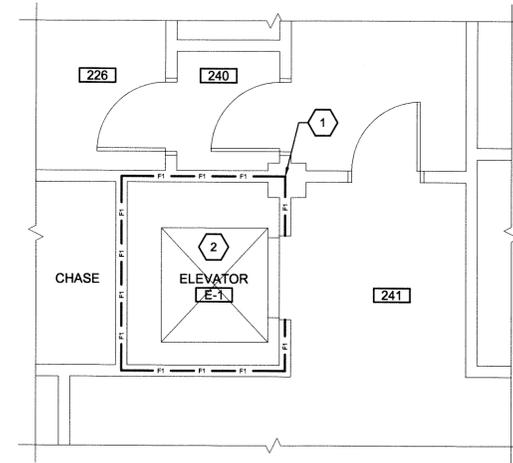
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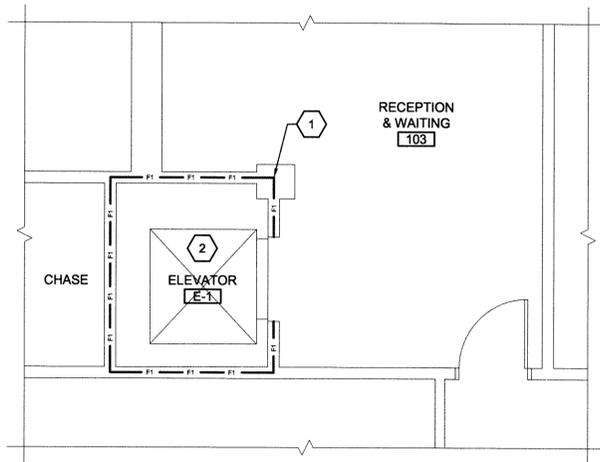
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BASEMENT FLOOR ELEVATOR DEMOLITION PLAN
 SCALE: 1/4"=1'-0"
 0' 1' 5' 10'



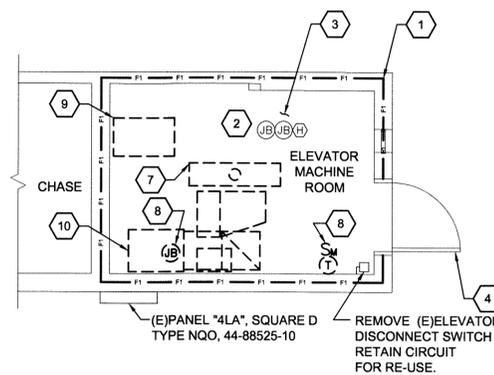
NORTH
FIRST FLOOR ELEVATOR DEMOLITION PLAN
 SCALE: 1/4"=1'-0"
 0' 1' 5' 10'



NORTH
SECOND FLOOR ELEVATOR DEMOLITION PLAN
 SCALE: 1/4"=1'-0"
 0' 1' 5' 10'



NORTH
THIRD FLOOR ELEVATOR DEMOLITION PLAN
 SCALE: 1/4"=1'-0"
 0' 1' 5' 10'



NORTH
ELEVATOR MACHINE ROOM FLOOR DEMOLITION PLAN (ATTIC LEVEL)
 SCALE: 1/4"=1'-0"
 0' 1' 5' 10'

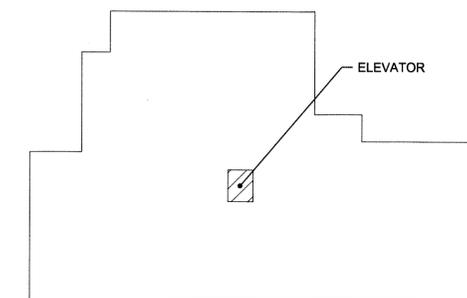
GENERAL NOTES:

1. REFER TO OTHER PROJECT DRAWINGS FOR ADDITIONAL DEMOLITION AND ALTERATION NOTES.
2. CUTTING AND PATCHING:
 - A. ANY EXISTING CONSTRUCTION THAT IS TO BE REMOVED SHALL BE REMOVED CAREFULLY SO AS NOT TO DAMAGE ANY EXISTING CONSTRUCTION THAT IS TO REMAIN. FLOORS, WALLS, AND CEILINGS ARE TO BE PATCHED (IN A RECTANGULAR PATTERN) TO MATCH EXISTING CONDITIONS AND MADE READY TO RECEIVE ANY NEW FINISHES WHERE APPLICABLE.
 - B. WHERE EXISTING FLOORING, CEILING, OR WALL FINISHES ARE TO BE REMOVED AND REPLACED WITH NEW FINISHES, SURFACES SHALL BE STRIPPED CLEAN OF ALL EXISTING FINISHES AND MADE READY TO RECEIVE NEW FINISHES, UNLESS OTHERWISE NOTED.
 - C. ALL FLOOR FINISHES BEING REPLACED SHALL BE COMPLETELY REMOVED AND NEW FLOOR CLEANED AND PROPERLY PREPARED PRIOR TO INSTALLATION OF NEW MATERIAL.
3. ALL EXISTING FIREPROOFING REMOVED DURING DEMOLITION SHALL BE PATCHED TO MATCH EXISTING.

DEMOLITION SYMBOLS LEGEND:

- XX DEMOLITION NOTE
- LIMIT OF DEMOLITION
- DEMOLITION
- XX DEMOLITION NOTES:

1. 1 HR FIRE BARRIER ACHIEVED WITH EXISTING CONSTRUCTION. FIRE SEAL ALL NEW AND EXISTING PENETRATIONS.
2. REMOVE AND DISPOSE AND/OR REFURBISH ELEVATOR EQUIPMENT PER SPECIFICATIONS.
3. 1 HR FIRE BARRIER (FLOOR SLAB) ACHIEVED WITH EXISTING CONSTRUCTION. FIRE SEAL ALL NEW AND EXISTING PENETRATIONS.
4. REMOVE LOCKSET.
5. REMOVE ELEVATOR CAR FLOORING AND PREPARE SUBFLOOR FOR NEW FLOOR COVERING.
6. REMOVE WALL MOUNTED LIGHT FIXTURE. RETAIN CIRCUIT FOR RE-USE. LIGHT SWITCH SHALL BE RELOCATED PER DRAWING E1.
7. REMOVE CEILING MOUNTED LIGHT FIXTURE. RETAIN CIRCUIT FOR RE-USE. SWITCH FOR FIXTURE LOCATED NEAR STAIRWELL.
8. DISCONNECT EXHAUST FAN. REMOVE SWITCH AND THERMOSTAT. REMOVE CABLE AND CONDUIT BACK TO SOURCE. MARK BREAKER AS SPARE. INFILL OPENING WITH 1 HR FIRE BARRIER TO MATCH ADJACENT CONSTRUCTION.
9. REMOVE OPENING COVER AT CEILING. INFILL OPENING WITH 1 HR FIRE BARRIER TO MATCH ADJACENT CONSTRUCTION.
10. INFILL OPENING WITH 1 HR FIRE BARRIER TO MATCH ADJACENT CONSTRUCTION.



NORTH
KEY PLAN
 SCALE: NONE

NO.	BY	REVISIONS	DATE



**CITY OF LYNCHBURG
 MONUMENT TERRACE BUILDING
 ELEVATOR MODERNIZATION**

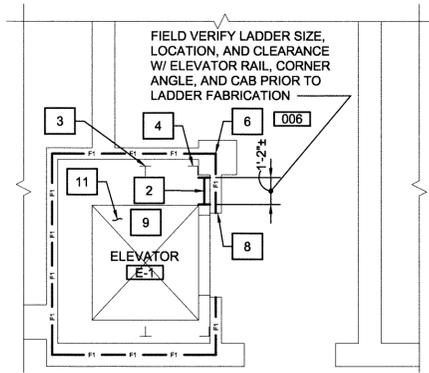
PROJECT CODE: BM068
 LYNCHBURG, VIRGINIA

DEMOLITION PLAN

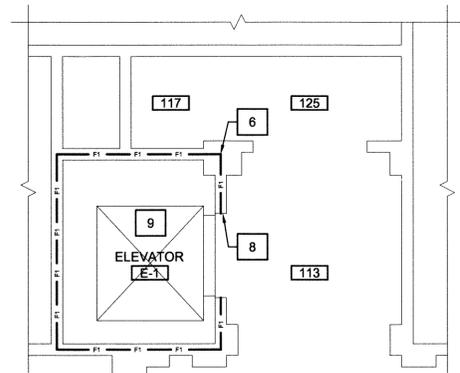
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 DATE: 22 JUL 13

Full Scale Verification
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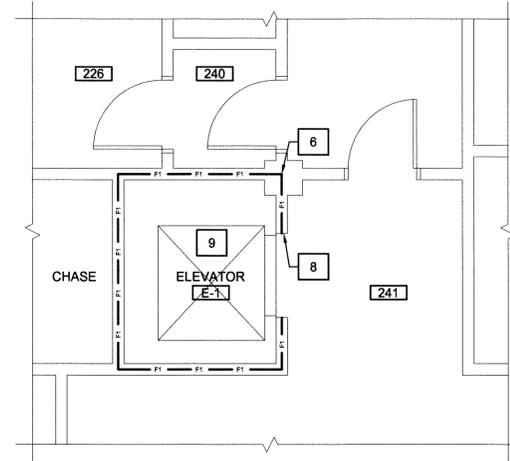
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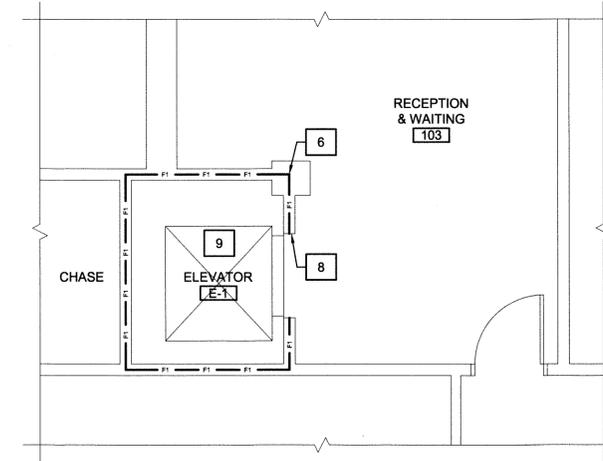
NORTH
BASEMENT FLOOR ELEVATOR PLAN
 SCALE: 1/4"=1'-0"



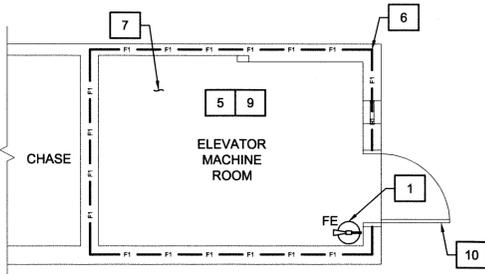
NORTH
FIRST FLOOR ELEVATOR PLAN
 SCALE: 1/4"=1'-0"



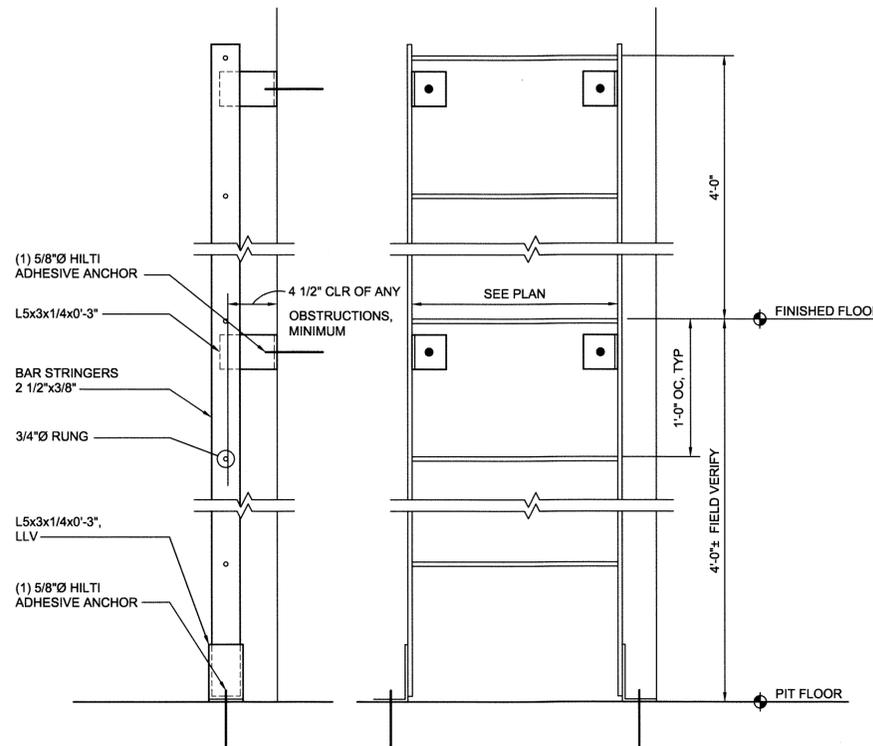
NORTH
SECOND FLOOR ELEVATOR PLAN
 SCALE: 1/4"=1'-0"



NORTH
THIRD FLOOR ELEVATOR PLAN
 SCALE: 1/4"=1'-0"



NORTH
ELEVATOR MACHINE ROOM FLOOR PLAN (ATTIC LEVEL)
 SCALE: 1/4"=1'-0"



- NOTES:**
- FIELD VERIFY DEPTH OF EXISTING PIT.
 - FIELD COORDINATE CLEARANCE WITH REQUIRED ELEVATOR CLEARANCE AND EXISTING CONDUIT, ETC.
 - PRIME AND PAINT LADDER.
 - LOCATE LADDER TO COMPLY WITH ASME 17.1 AND OSHA REQUIREMENTS.

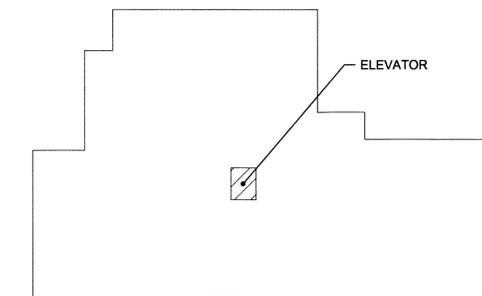
A
DETAIL
 SCALE: 1 1/2"=1'-0"

PAINT SPECIFICATIONS:

- SUBMIT PAINT PRODUCT DATA INCLUDING PRINTOUT OF "MPI APPROVED PRODUCTS LIST" WITH PRODUCTS HIGHLIGHTED.
- SUBMIT MANUFACTURER'S FULL RANGE OF PAINT COLOR SAMPLES FOR COLOR SELECTION BY OWNER.
- PAINT PRODUCTS SHALL COMPLY WITH MPI STANDARDS INDICATED AND LISTED IN "MPI APPROVED PRODUCTS LIST." SURFACE PREPARATION AND WORKMANSHIP SHALL COMPLY WITH REQUIREMENTS IN "MPI ARCHITECTURAL PAINTING SPECIFICATION MANUAL" FOR PRODUCTS AND PAINT SYSTEMS INDICATED.
- PROVIDE EXTRA PAINT MATERIALS TO OWNER INCLUDING ONE GALLON OF EACH COLOR AND TYPE OF FINISH COAT PAINT USED ON PROJECT, IN CONTAINERS, PROPERLY LABELED AND SEALED.
- PROVIDE MATERIAL WHICH ARE COMPATIBLE ONE ANOTHER (FILLER, PRIMER, AND FINISH COAT) AND WITH SUBSTRATES. FOR EACH COAT IN A PAINT SYSTEM, PROVIDE PRODUCTS RECOMMENDED IN WRITING BY MANUFACTURERS OF TOPCOAT FOR USE IN PAINT SYSTEM AND ON SUBSTRATE INDICATED.
- REMOVE HARDWARE, LIGHTING FIXTURES, AND SIMILAR ITEMS THAT ARE NOT TO BE PAINTED. MASK ITEMS THAT CANNOT BE REMOVED. REINSTALL ITEMS IN EACH AREA AFTER PAINTING IS COMPLETE. CLEAN AND PREPARE SURFACES IN AN AREA BEFORE BEGINNING PAINTING IN THAT AREA. SCHEDULE PAINTING SO CLEANING OPERATIONS WILL NOT DAMAGE NEWLY PAINTED SURFACE.
- APPLY PAINT ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS. USE ROLLERS FOR FINISH COAT ON INTERIOR WALLS AND CEILINGS. APPLY PAINTS TO PRODUCE SURFACE FILMS WITHOUT CLOUDINESS, SPOTTING, HOLIDAYS, LAPS, BRUSH MARKS, ROLLER TRACKING, RUNS, SAGS, ROPINESS, OR OTHER SURFACE IMPERFECTIONS. CUT IN SHARP LINES AND COLOR BREAKS. IF UNDERCOATS OR OTHER CONDITIONS SHOW THROUGH TOPCOAT, APPLY ADDITIONAL COATS UNTIL CURED FILM HAS A UNIFORM PAINT FINISH, COLOR, AND APPEARANCE.
- INTERIOR PAINTS APPLICATION SCHEDULES INCLUDES THE FOLLOWING:
 - CONCRETE MASONRY UNITS: SEMI-GLOSS LATEX: TWO COATS OVER LATEX BLOCK FILLER: MPI INT 4.2A.
 - STEEL: SEMI-GLOSS, ALKYD ENAMEL: TWO COATS OVER QUICK-DRYING ALKYD PRIMER: MPI INT 5.1E.
 - GALVANIZED METAL: SEMI-GLOSS, ALKYD ENAMEL: TWO COATS OVER CEMENTITIOUS GALVANIZED-METAL PRIMER: MPI INT 5.3C.

CONSTRUCTION NOTES:

- OWNER SHALL PROVIDE FIRE EXTINGUISHER.
- PIT LADDER. SEE DETAIL A, THIS DRAWING.
- ELEVATOR RAIL, CONFIRM LOCATION OF RAIL AND MOUNTING BRACKETS TO CLEAR PIT LADDER.
- ELEVATOR CORNER ANGLE, CONFIRM LOCATION TO CLEAR PIT LADDER.
- PAINT INTERIOR OF ELEVATOR MACHINE ROOM, INCLUDING CONCRETE MASONRY WALLS, FLOOR, AND CEILING, COMPLETE.
- 1 HR FIRE BARRIER ACHIEVED WITH EXISTING CONSTRUCTION. FIRE SEAL ALL NEW AND EXISTING PENETRATIONS.
- 1 HR FIRE BARRIER (FLOOR SLAB) ACHIEVED WITH EXISTING CONSTRUCTION. FIRE SEAL ALL NEW AND EXISTING PENETRATIONS.
- REFINISH (CLEAN AND PAINT) (E)ELEVATOR DOORS AND FRAMES TO REMAIN. ANY STAINLESS STEEL SURFACE NOT CURRENTLY PAINTED SHALL BE REFINISHED TO A #4 FINISH.
- PROVIDE COMPLETE ELEVATOR EQUIPMENT MODERNIZATION PER SPECIFICATIONS.
- PROVIDE STOREROOM FUNCTION (ANSI F86) LOCKSET WITH INTERCHANGEABLE CORE KEYED TO OWNER'S MASTER KEY SYSTEM, ANSI A156.2 WITH LEVER EACH SIDE, BHMA 652.
- PROVIDE ACOUSTICAL RUBBER FLOOR TILE IN ELEVATOR CAR. RUBBER FLOOR TILE SHALL BE CLASS II-A, SOLID COLOR, HAMMERED SURFACE, 0.125 THICK, 24"x24", AND HAVING A FIRE-TEST-RESPONSE CHARACTERISTICS OF CRITICAL RADIANT FLUX CLASSIFICATION OF CLASS I, NOT LESS THAN 0.45 W/SQ CM PER ASTM E648. BASIS-OF-DESIGN MANUFACTURER IS JOHNSONITE OR APPROVED EQUAL.



NORTH
KEY PLAN
 SCALE: NONE



Virginia A & E
 VIRGINIA A&E, PLLC
 1115 VISTA PARK DRIVE
 FOREST, VIRGINIA 24551
 PHONE: (434) 316-6001

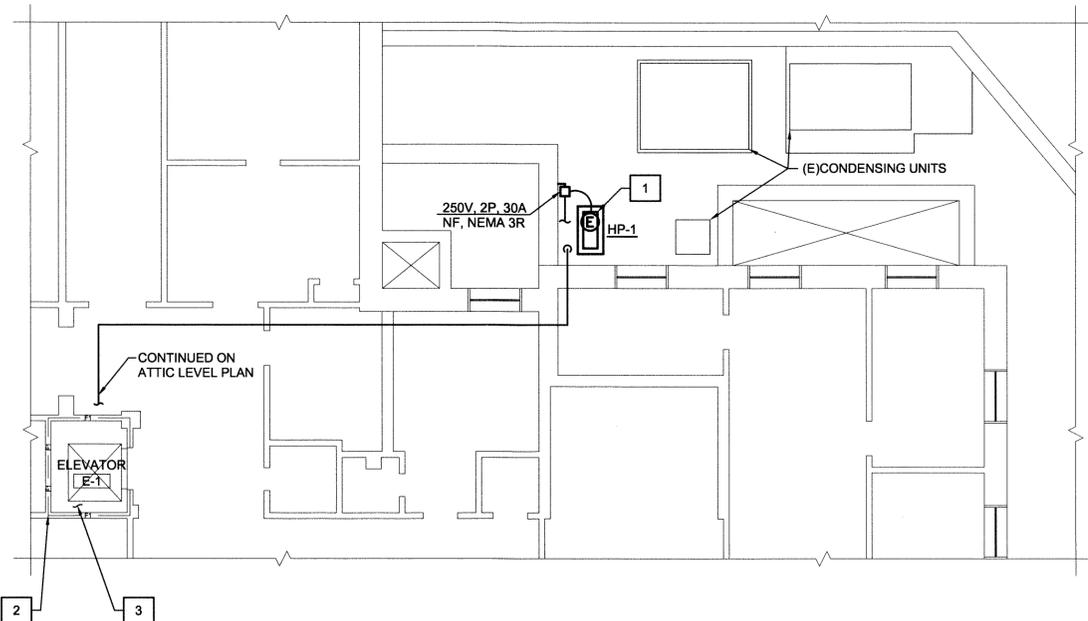
**CITY OF LYNCHBURG
 MONUMENT TERRACE BUILDING
 ELEVATOR MODERNIZATION**
 PROJECT CODE: BM0068
 LYNCHBURG, VIRGINIA

FLOOR PLANS
 PROJECT NO: 12061
 DATE: 22 JUL 13

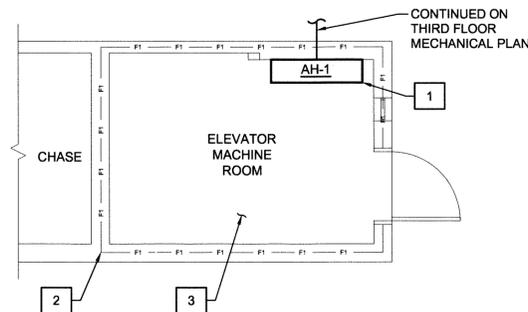
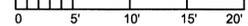
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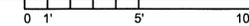
NO.	BY	REVISIONS	DATE



THIRD FLOOR MECHANICAL PLAN
SCALE: 1/8"=1'-0"



ELEVATOR MACHINE ROOM FLOOR PLAN (ATTIC LEVEL)
SCALE: 1/4"=1'-0"



DUCTLESS MINI SPLIT SYSTEM HEAT PUMP SCHEDULE

MARK	ELECTRICAL						REFRIGERATION SYSTEM						FAN CFM	COOLING CAPACITY BTUH	SENSIBLE HEAT RATIO	HEATING CAPACITY		SEER	SOUND RATING dBA	WEIGHT LB	BASIS OF DESIGN (OR EQUAL)
	V	PH	HZ	MCA	BKR	MOCP	TYPE	COMPRESSOR	MAX LINE SET LENGTH FT	MAX LINE SET VERTICAL FT	SUCTION SIZE	LIQUID SIZE				47 DEG F BTUH	17 DEG F BTUH				
AH-1	208	1	60	1	25	30	R-410A	DC INVERTER TWIN ROTARY	165	100	5/8"	3/8"	635-775	12000-24000	0.77	12000-28000	18000	17	45	46	MITSUBISHI PKA-A24KA
HP-1				18									---						50	165	MITSUBISHI PUZ-A24NHA3

1. PROVIDE REQUIRED LENGTH OF REFRIGERANT PIPING AND REFRIGERANT CHARGE. PROVIDE MINIMUM 5/16" FOAMED POLYETHYLENE INSULATION.
2. PROVIDE WIRED ELECTRONIC 24 HR PROGRAMMABLE AUTO-SWITCHOVER THERMOSTAT.
3. PROVIDE MICROPROCESSOR CONTROLS CAPABLE OF CONTROLLING FAN AND COMPRESSOR SPEED BASED ON SPACE LOAD.
4. PROVIDE WIND BAFFLE PLATE AND LOW AMBIENT COOLING OPERATION DOWN TO 0 DEG F.
5. PROVIDE ADJUSTABLE DISCHARGE LOUVER WITH AUTOMATIC SWEEP CONTROL.
6. PROVIDE WASHABLE FILTER.
7. POWER INDOOR UNIT FROM OUTDOOR UNIT. DISCONNECT SWITCH AT INDOOR AND OUTDOOR UNITS BY ELECTRICAL.
8. PROVIDE 5 YEAR WARRANTY WITH 7 YEAR COMPRESSOR WARRANTY.

CONSTRUCTION NOTES:

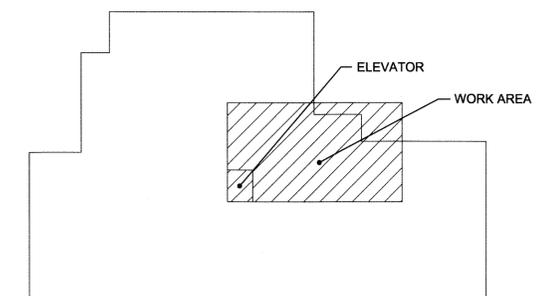
1. PROVIDE DUCTLESS MINI SPLIT SYSTEM HEAT PUMP. MOUNT OUTDOOR UNIT ON 6" POURED CONCRETE PAD (3,000 PSI MIX WITH #4 @ 12" EACH WAY) ON GRADE AT FIRST FLOOR AND SECURE WITH BOLTS. MOUNT INDOOR UNIT WITH BOTTOM MINIMUM 6 FT ABOVE FINISHED FLOOR. REFRIGERANT PIPING SHALL BE SEAMLESS HARD DRAWN COPPER TUBE, ASTM B280, TYPE ACR, INSULATED PER MANUFACTURER'S INSTRUCTIONS. ROUTE CONDENSATE DRAIN CONCEALED TO NEAREST FLOOR DRAIN.
2. 1 HR FIRE BARRIER ACHIEVED WITH EXISTING CONSTRUCTION. FIRE SEAL ALL NEW AND EXISTING PENETRATIONS.
3. 1 HR FIRE BARRIER (FLOOR SLAB) ACHIEVED WITH EXISTING CONSTRUCTION. FIRE SEAL ALL NEW AND EXISTING PENETRATIONS.



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**CITY OF LYNCHBURG
MONUMENT TERRACE BUILDING
ELEVATOR MODERNIZATION**
PROJECT CODE: BM068
LYNCHBURG, VIRGINIA

**MECHANICAL FLOOR PLANS
AND DETAILS**



KEY PLAN
SCALE: NONE

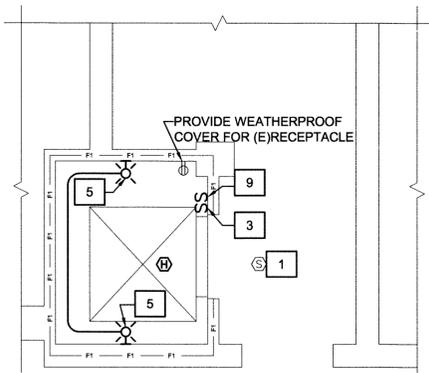
Full Scale Verification
0" | 1"

Drawing No.:

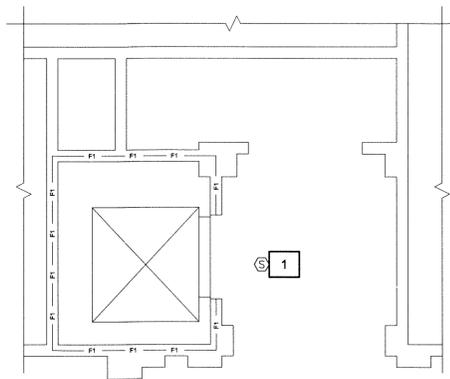
M1

PROJECT NO: 12051
DATE: 22 JUL 13

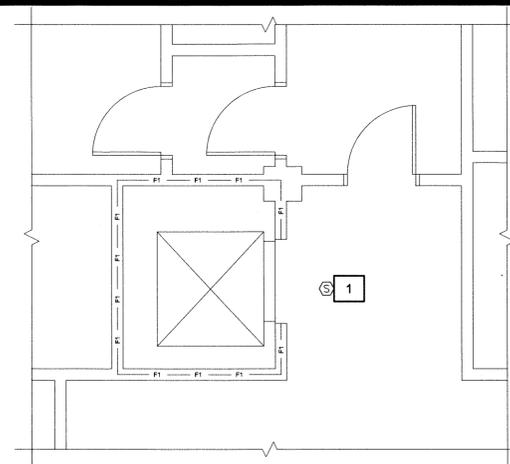
NO. BY REVISIONS DATE



NORTH
BASEMENT FLOOR ELEVATOR PLAN
 SCALE: 1/4"=1'-0"



NORTH
FIRST FLOOR ELEVATOR PLAN
 SCALE: 1/4"=1'-0"



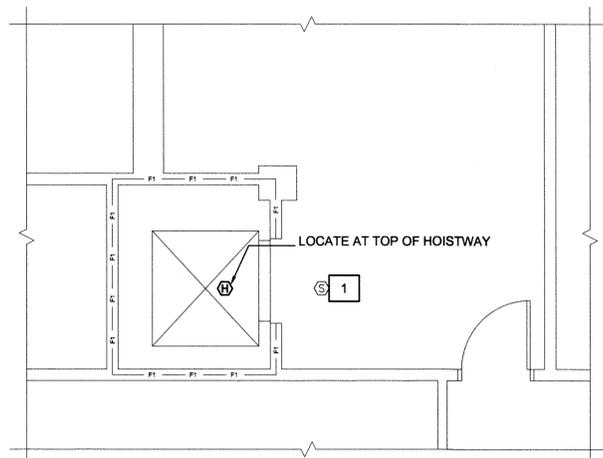
NORTH
SECOND FLOOR ELEVATOR PLAN
 SCALE: 1/4"=1'-0"

LEGEND:

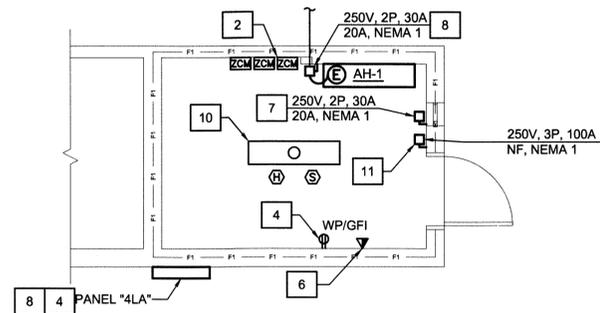
- S SWITCH, SINGLE POLE, MOUNT AS INDICATED
- ⊗ WALL-MOUNTED LIGHT FIXTURE
- ⊕ DUPLEX RECEPTACLE, WALL MOUNTED 18" AFF, UON
 GFCI = GROUND FAULT CIRCUIT INTERRUPTOR
 WP = WEATHERPROOF WITH GFCI
- CEILING-MOUNTED LIGHT FIXTURE
- CONDUIT RUN EXPOSED OR ABOVE SUSPENDED CEILING
- Ⓢ SMOKE DETECTOR
- Ⓜ HEAT DETECTOR
- (E) EXISTING

CONSTRUCTION NOTES:

1. EXISTING SMOKE DETECTOR. DO NOT REMOVE OR CHANGE.
2. PROVIDE THREE (3) ZONE ADDRESSABLE CONTROL MODULES (ZCMS) IN ELEVATOR MACHINE ROOM. CONNECT ZCMS TO EXISTING FIRE ALARM NETWORK. CONNECT ZCMS TO ELEVATOR CONTROLLER. ZCMS WILL OPERATE THE FOLLOWING ACTIONS WITHIN THE ELEVATOR CONTROLLER"
 ZCM1: RECALL ELEVATOR TO FIRST FLOOR
 ZCM2: RECALL ELEVATOR TO BASEMENT FLOOR
 ZCM3: ACTIVATE "FIREMANS HAT" INDICATOR WITHIN ELEVATOR
- PROVIDE ADDITIONAL FIRE ALARM DETECTION AND NOTIFICATION EQUIPMENT AS INDICATED. FIRE ALARM EQUIPMENT SHALL BE FROM SAME MANUFACTURER AS EXISTING AND MAINTAIN UL RATING OF SYSTEM. MATCH EXISTING CONDUCTORS, CABLE, AND RACEWAY INSTALLATION METHODS, UNLESS OTHERWISE INDICATED. UPDATE FIRE ALARM SYSTEM SOFTWARE AND PROGRAMMING AS REQUIRED TO ACCOMMODATE NEW DEVICES AND ELEVATOR RECALL FUNCTIONALITY. FIELD VERIFY LOCATION OF FIRE ALARM PANEL, MODEL AND MANUFACTURER.
3. RELOCATE EXISTING LIGHT SWITCH ON WALL TO NEW LOCATION ADJACENT TO DOOR OPENING. LOCATE SWITCH AS NEAR TO DOOR OPENING AS POSSIBLE. PROVIDE WEATHERPROOF BOX AND COVER FOR SWITCH.
4. PROVIDE 20A GFCI RECEPTACLE AND WEATHERPROOF COVER. PROVIDE 20A/1P BREAKER. EXTEND (3)#12, 3/4" CONDUIT TO (E)PANEL "4LA". PROVIDE THREE BLANK COVERS IN PANEL "4LA" WHERE BREAKERS HAVE BEEN REMOVED.
5. PROVIDE LOW PROFILE FLUORESCENT LIGHTING FIXTURE WITH HIGH EFFICIENCY ELECTRONIC BALLAST AND T8 LAMPS; PHOENIX LFL232 120 ELB, MORELITE LPL-2048-S-232-EB-UNV-F-1-1/2, ILP HURRICANE HF-2T8-UH-120, KURTZON WL-C-4-40-2/T8-120 OR APPROVED EQUAL. MOUNT FIXTURES FOUR FEET ABOVE PIT FLOOR. EXTEND 3/4" RSC AND #12 CABLE TO RETAINED LIGHTING CIRCUIT.
6. PROVIDE TELEPHONE OUTLET AT +60" AFF. EXTEND 3/4" CONDUIT THROUGH WALL. PROVIDE PULL CORD. PROVIDE SIGNAGE TO INDICATE TELEPHONE IS DEDICATED FOR EMERGENCY USE. CITY PERSONNEL WILL INSTALL TELEPHONE CABLE.
7. EXTEND (E)CIRCUITRY CURRENTLY SERVING ELEVATOR CAB TO DISCONNECT SWITCH. EXTEND (3)#12, 3/4" CONDUIT FROM DISCONNECT SWITCH TO RENOVATED ELEVATOR CAB TERMINUS.
8. SEE DRAWING M1 FOR LOCATION OF HEAT PUMP OUTSIDE AND BEHIND BUILDING. PROVIDE 250V, 2 POLE, 30A, NON-FUSED, NEMA 3R, DISCONNECT SWITCH. FASTEN SWITCH TO BUILDING. AH-1 RECEIVES POWER FROM OUTDOOR UNIT. PROVIDE 25A/2P BREAKER IN (E)PANEL "4LA". EXTEND (3)#10, 3/4" CONDUIT. ALL WIRING TO BE RUN IN ONE CONDUIT FOR BOTH UNITS. FOLLOW ROUTE OF REFRIGERATION PIPING, SEE MECHANICAL.
9. PROVIDE ELEVATOR PIT STOP SWITCH RATED 3/4 HORSEPOWER, 125/250VAC. PROVIDE WEATHERPROOF COVER. MOUNT SWITCH +60" ABOVE PIT FLOOR ACCESSIBLE FROM PIT ACCESS DOOR NEAR LADDER. ROUTE RACEWAY TO ELEVATOR CONTROL PANEL IN ATTIC. SEE PENETRATION DETAIL ON DRAWING E2.
10. PROVIDE LIGHTING FIXTURE. CONNECT FIXTURE TO RETAINED CIRCUIT. PROVIDE LITHONIA LB232-120-GE810, HE WILLIAMS 36-4-232-EB2-120, DAYBRITE CA-W-232-R-UNV-1/2-EB OR APPROVED EQUAL. PROVIDE T8 LAMPS.
11. EXTEND EXISTING CIRCUIT AS REQUIRED.



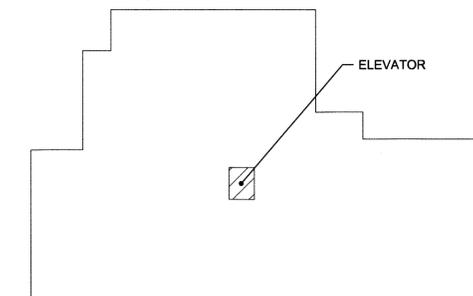
NORTH
THIRD FLOOR ELEVATOR PLAN
 SCALE: 1/4"=1'-0"



NORTH
ELEVATOR MACHINE ROOM FLOOR PLAN (ATTIC LEVEL)
 SCALE: 1/4"=1'-0"

FIRE ALARM AND ELEVATOR CONTROL TABLE

ALARM INITIATING DEVICE	RECALL ELEVATOR TO FIRST FLOOR (ZCM 1)	RECALL ELEVATOR TO BASEMENT (ZCM 2)	ACTIVATE FIREMANS HAT (ZCM 3)
BASEMENT LOBBY SMOKE DETECTOR	X		
1ST FLOOR LOBBY SMOKE DETECTOR		X	
2ND FLOOR LOBBY SMOKE DETECTOR		X	
3RD LOBBY SMOKE DETECTOR		X	
HOISTWAY HEAT DETECTOR		X	X
PIT HEAT DETECTOR		X	X
MACHINE ROOM SMOKE DETECTOR		X	X
MACHINE ROOM HEAT DETECTOR		X	X



NORTH
KEY PLAN
 SCALE: NONE

NO.	BY	REVISIONS	DATE

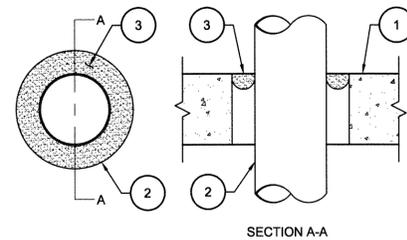


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**CITY OF LYNCHBURG
 MONUMENT TERRACE BUILDING
 ELEVATOR MODERNIZATION**
 PROJECT CODE: BM068
 LYNCHBURG, VIRGINIA

ELECTRICAL FLOOR PLANS
 PROJECT NO.: 12851
 DATE: 22 JUL 13

Full Scale Verification
 0" = 1"
 Drawing No.: **E1**



SYSTEM NO C-AJ-1027
F RATING - 3 HOUR

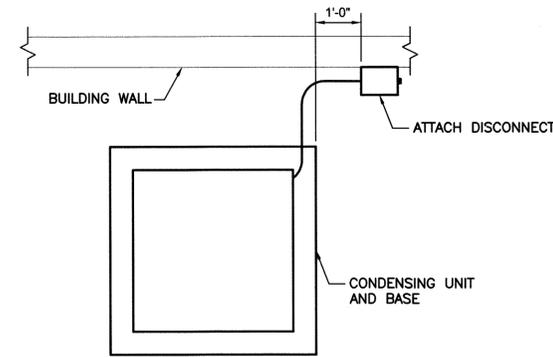
- 1 FLOOR OR WALL ASSEMBLY: MINIMUM 4 1/2 IN THICK LIGHTWEIGHT OR NORMAL WEIGHT (100-15 PCF) CONCRETE. WALL MAY ALSO BE CONSTRUCTED OF ANY UL CLASSIFIED CONCRETE BLOCKS*. MAXIMUM DIAMETER OF THROUGH OPENING IS 12 1/4 IN. SEE CONCRETE BLOCKS (CAZT) CATEGORY IN THE FIRE RESISTANCE DIRECTORY FOR NAMES OF MANUFACTURERS.
- 2 THROUGH PENETRANTS: ONE METALLIC PIPE, CONDUIT, OR TUBING TO BE INSTALLED EITHER CONCENTRICALLY OR ECCENTRICALLY WITHIN THE FIRESTOP SYSTEM. MINIMUM ANNULAR SPACE BETWEEN PIPE, CONDUIT, OR TUBING AND EDGE OF OPENING IS 0 IN (POINT CONTACT). MAXIMUM ANNULAR SPACE IS DEPENDENT ON PIPE, CONDUIT, OR TUBING TYPE AND SIZE AS WELL AS F RATING OF THE SYSTEM, AS SHOWN IN THE TABLE BELOW. PIPE, CONDUIT, OR TUBING TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF WALL ASSEMBLY. THE FOLLOWING TYPES AND SIZES OF METALLIC PIPES, CONDUITS, OR TUBING MAY BE USED:
 - A. STEEL PIPE: NOMINAL 10 IN DIAMETER (OR SMALLER) SCHEDULE 10 (OR HEAVIER) STEEL PIPE.
 - B. CONDUIT: NOMINAL 6 IN DIAMETER (OR SMALLER) RIGID STEEL CONDUIT.
 - C. CONDUIT: NOMINAL 4 IN DIAMETER (OR SMALLER) STEEL ELECTRICAL METALLIC TUBING OR STEEL CONDUIT.
 - D. COPPER: TUBING NOMINAL 3 IN DIAMETER (OR SMALLER) TYPE L (OR HEAVIER) COPPER TUBING.
 - E. COPPER: PIPE NOMINAL 3 IN DIAMETER (OR SMALLER) REGULAR (OR HEAVIER) COPPER PIPE.
 - F. IRON PIPE: NOMINAL 10 IN DIAMETER (OR SMALLER) CAST OR DUCTILE IRON PIPE.

PIPE CONDUIT OR TUBING TYPE	MAX NOM PIPE CONDUIT OR TUBING DIAMETER INCH	F RATING HOUR	MAX ANNULAR SPACE INCH
A OR F	10	3	3/4
B	6	3	3/4
C	4	3	1 1/2
D AND E	3	3	3/4
D AND E	3	2	7/8

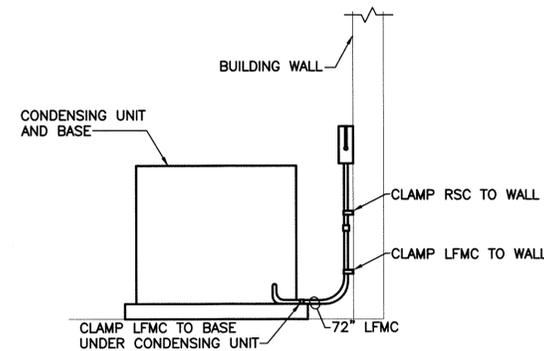
- 3 FILL, VOID OR CAVITY MATERIAL*-SEALANT: MOLDABLE PUTTY MATERIAL KNEADED BY HAND AND APPLIED TO FILL ANNULAR SPACE TO MINIMUM DEPTH OF 1 IN, FLUSH WITH TOP SURFACE OF FLOOR. IN WALL ASSEMBLIES, REQUIRED PUTTY THICKNESS TO BE INSTALLED SYMMETRICALLY ON BOTH SIDES OF WALL.

*BEARING THE UL CLASSIFICATION MARKING

METALLIC PIPE AND CONDUIT PENETRATION DETAIL
SCALE: NONE



CONDENSING UNIT DISCONNECT PLAN
SCALE: NONE



CONDENSING UNIT DISCONNECT SECTION
SCALE: NONE

NO.	BY	REVISIONS	DATE



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CITY OF LYNCHBURG
MONUMENT TERRACE BUILDING
ELEVATOR MODERNIZATION
PROJECT CODE: BM068
LYNCHBURG, VIRGINIA

SECTIONS AND DETAILS
DATE: 12/JUL/13
PROJECT NO.: 12651

Full Scale Verification
0" 1"

Drawing No.: **E2**