

Housing Authority of the City of Pittsburgh

Contracting Officer
412 Boulevard of the Allies
6th Floor
Pittsburgh, PA 15219
(412) 456-5116
www.hacp.org

September 20,2023

Direct Opportunities Center (DOC) Rehabilitation Amp 39 REBID IFB# 600-08-23 REBID

ADDENDUM NO. 1

This addendum issued September 20,2023 becomes in its entirety a part of the IFB# 600-08-23 REBID as is fully set forth herein:

Item 1: Q: There are some electrical plans missing from the re-bid plan set. The Electrical Plans stop at E-202 and there should be E-203, 300,301,302, 303, 400, 401, 402, 403, 501, 601, and 701

A: The Electrical Plans have been added for E-203, 300,301,302, 303, 400, 401, 402, 403, 501, 601, and 701

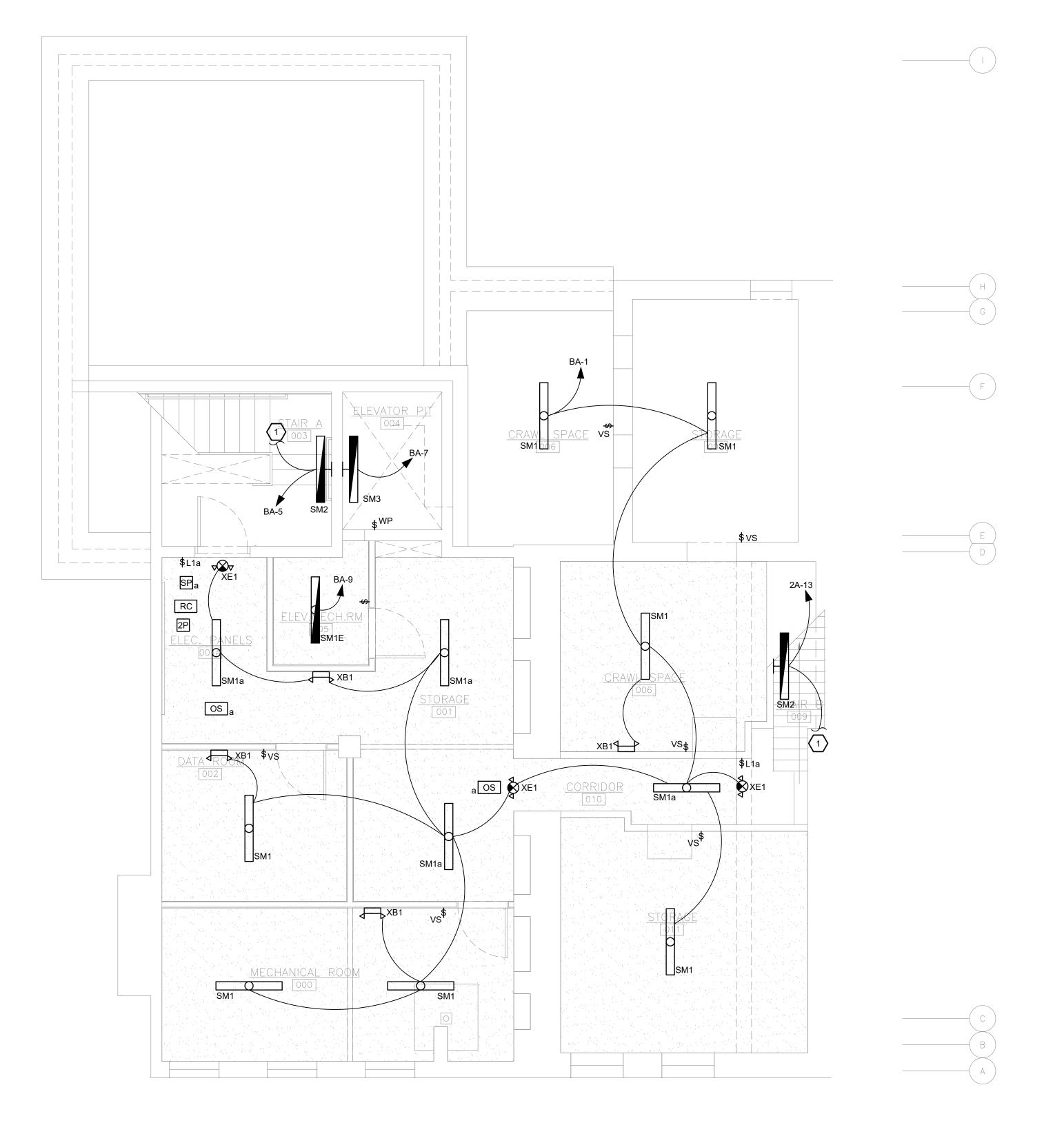
Item 2: The bid due date, time, and location remain unchanged at October 17,2023 at 10:00am, in the lobby of 412 Boulevard of the Allies. 6th Floor, Pittsburgh, PA 15219.

Item 3: The Housing Authority of the City of Pittsburgh will only be accepting physical bids dropped off in person from 8:00 AM until the closing time of 10:00 am in the lobby of 412 Boulevard of the Allies, 6th Floor Pittsburgh, PA 15219. Proposals may still be submitted electronically: https://www.dropbox.com/request/NZLonPgYTynjt3Pnt21z and may still be mailed via USPS at which time they will be Time and Date Stamped at 412 Boulevard of the Allies, 6th Floor, Pittsburgh, PA 15219. All proposals must be received at the above address no later than October 17,2023 10:00am regardless of the selected delivery mechanism.

END OF ADDENDUM NO. 1

im Detrick (Sep 20, 2023 14:47 EDT)	09/20/2023
Mr. Kim Detrick	Date

Sr. Procurement Director/Chief Contracting Officer



LIGHTING GENERAL NOTES:

- FIRE STOP ALL FIRE RATED FLOORS, CEILINGS, AND WALLS AS REQUIRED BY CODE. PENETRATIONS INTO OR THROUGH FIRE RESISTANCE RATED WALLS SHALL COMPLY WITH IBC CHAPTER 7.
- 2. PROVIDE EXPANSION FITTINGS AS REQUIRED AT ALL EXPANSION JOINTS. COORDINATE WITH ARCHITECTURAL PLANS
- 3. WHERE EXPOSED, BRANCH CIRCUITS SHALL BE RUN IN EMT CONDUIT ROUTED PARALLEL AND PERPENDICULAR TO BUILDING STRUCTURE. WHERE CONCEALED WITHIN WALLS OR ABOVE CEILING, MC CABLE IS PERMISSIBLE. EXPOSED CONDUIT SHALL BE PAINTED PER ARCHITECT.
- REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES AND EXACT LIGHTING FIXTURE LOCATIONS AND DIMENSIONAL INFORMATION.
- 5. EXIT SIGNS AND EMERGENCY WALL PACKS SHALL BE CIRCUITED TO AN UNSWITCHED HOT LEG OF THE CIRCUIT NOTED AHEAD OF LOCAL CONTROLS.
- 6. OCCUPANCY / VACANCY SENSORS HAVE BEEN LOCATED PER THE RECOMMENDED SPACING OF THE BASIS OF DESIGN PRODUCTS. THE EXACT LOCATIONS AND QUANTITY OF SENSORS SHALL BE VERIFIED BY THE MANUFACTURER FOR PRODUCTS SUBMITTED AS EQUALS.

LIGHTING KEY NOTES: (#)

 CIRCUIT SHALL EXTEND TO ALL LIGHTING FIXTURES IN ENTIRE STAIRWELL.

FOR CONSTRUCTION

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ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR AT THE SITE.

REVI	SIO	NS
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PROFESSIONAL

DAVID C. PRICE

ENGINEER

No. PE081572

PROPERTY REHABILITATION FOR:

HACP TASK ORDER #35
DEVELOPMENT &
OPPORTUNITIES CENTER
REHAB

1205 LIVERPOOL STREET BUILDING #35 PITTSBURGH, PA 15233



ASSOCIATES ARCHITECTS

410 FT. PITT COMMONS, 445 FT. PITT BLVD.
PITTSBURGH, PENNSYLVANIA 15219-1333
PHONE: 412-566-1531 FAX: 412-566-1532

BASEMENT LIGHTING PLAN

COMM. NO. **2035**

ISSUE DATE

02/15/2021

DWG NO.

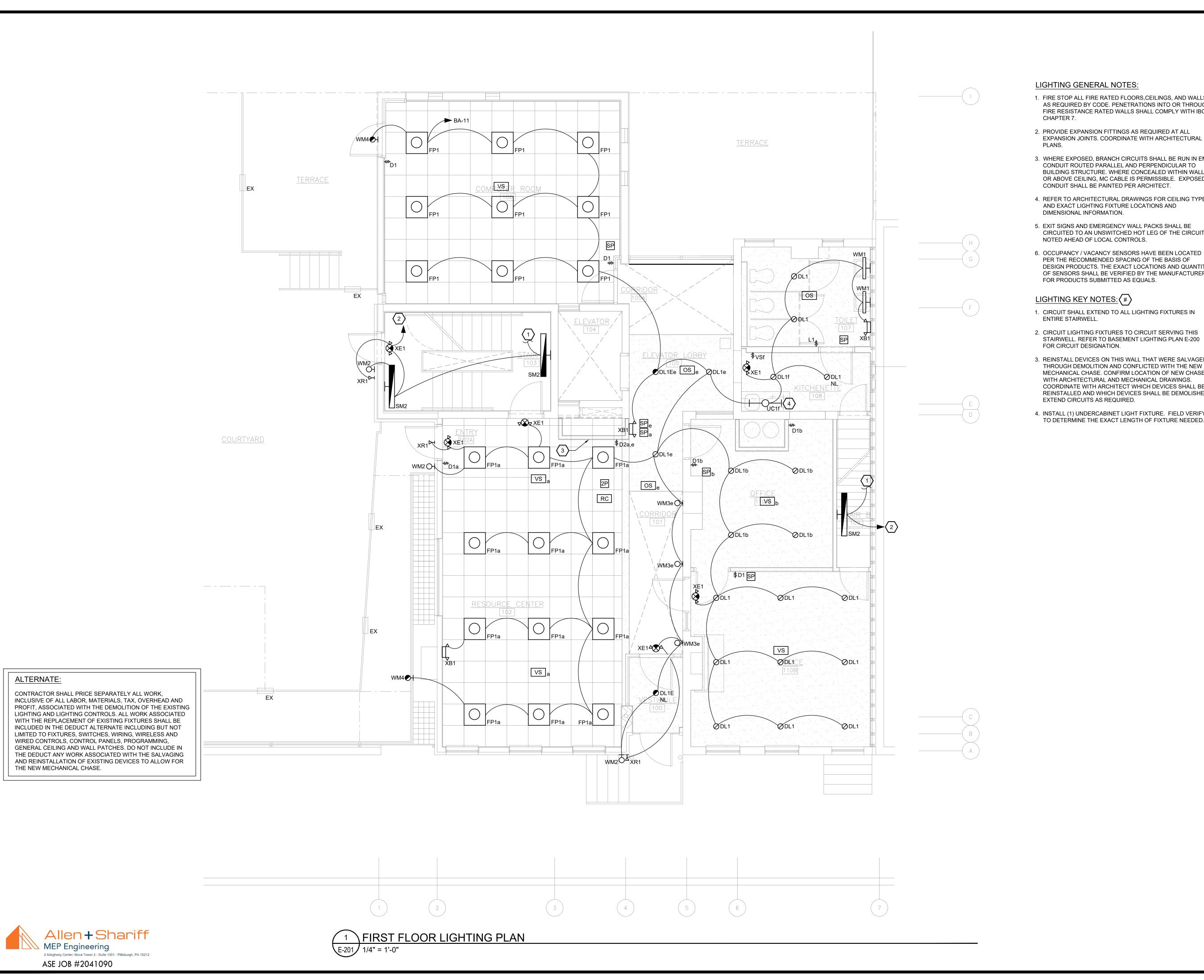
E-200

ALTERNATE:

CONTRACTOR SHALL PRICE SEPARATELY ALL WORK, INCLUSIVE OF ALL LABOR, MATERIALS, TAX, OVERHEAD AND PROFIT, ASSOCIATED WITH THE DEMOLITION OF THE EXISTING LIGHTING AND LIGHTING CONTROLS. ALL WORK ASSOCIATED WITH THE REPLACEMENT OF EXISTING FIXTURES SHALL BE INCLUDED IN THE DEDUCT ALTERNATE INCLUDING BUT NOT LIMITED TO FIXTURES, SWITCHES, WIRING, WIRELESS AND WIRED CONTROLS, CONTROL PANELS, PROGRAMMING, GENERAL CEILING AND WALL PATCHES. DO NOT INCLUDE IN THE DEDUCT ANY WORK ASSOCIATED WITH THE SALVAGING AND REINSTALLATION OF EXISTING DEVICES TO ALLOW FOR THE NEW MECHANICAL CHASE.





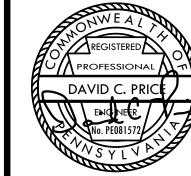


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- 4. INSTALL (1) UNDERCABINET LIGHT FIXTURE. FIELD VERIFY TO DETERMINE THE EXACT LENGTH OF FIXTURE NEEDED.

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PROPERTY REHABILITATION FOR:

HACP TASK ORDER #35 DEVELOPMENT & OPPORTUNITIES CENTER **REHAB**

1205 LIVERPOOL STREET BUILDING #35 PITTSBURGH, PA 15233



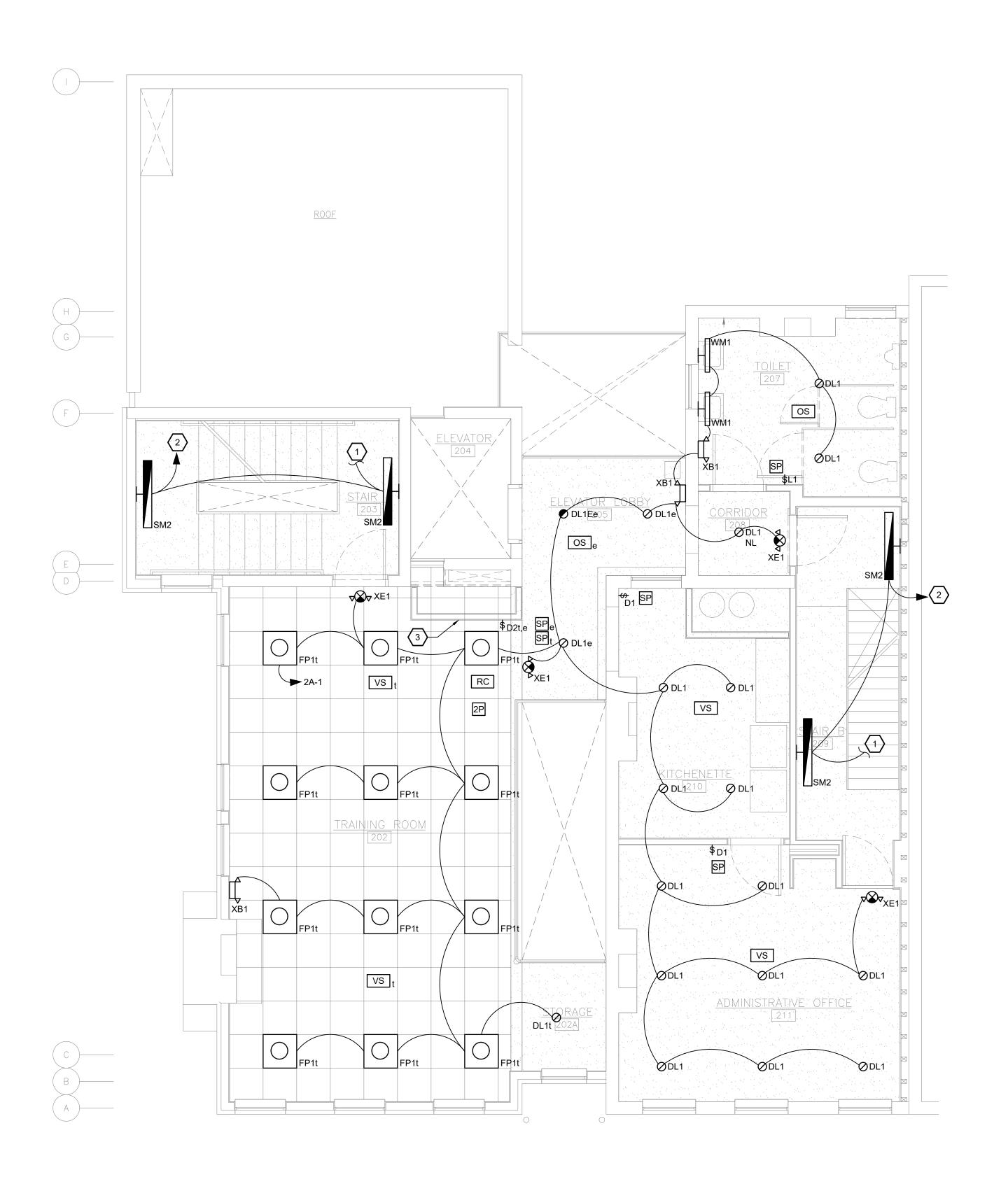
ASSOCIATES ARCHITECTS

410 FT. PITT COMMONS, 445 FT. PITT BLVD. PITTSBURGH, PENNSYLVANIA 15219-1333 PHONE: 412-566-1531 FAX: 412-566-1532

FIRST FLOOR LIGHTING PLAN

COMM. NO. 2035 ISSUE DATE

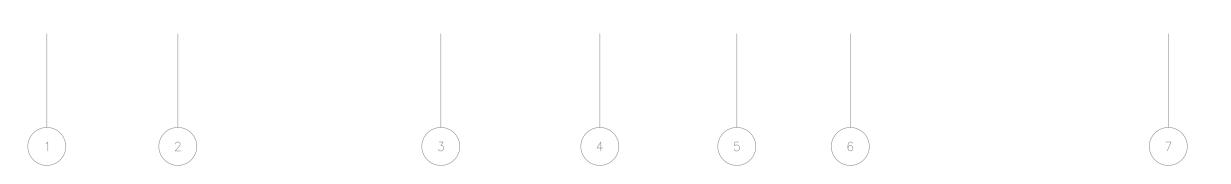
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Allen+Shariff MEP Engineering ASE JOB #2041090

1 SECOND FLOOR LIGHTING PLAN E-202 1/4" = 1'-0"

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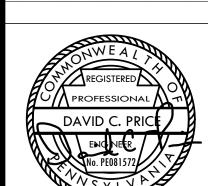
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PROPERTY REHABILITATION FOR:

HACP TASK ORDER #35 DEVELOPMENT & OPPORTUNITIES CENTER

REHAB 1205 LIVERPOOL STREET BUILDING #35 PITTSBURGH, PA 15233



ASSOCIATES ARCHITECTS

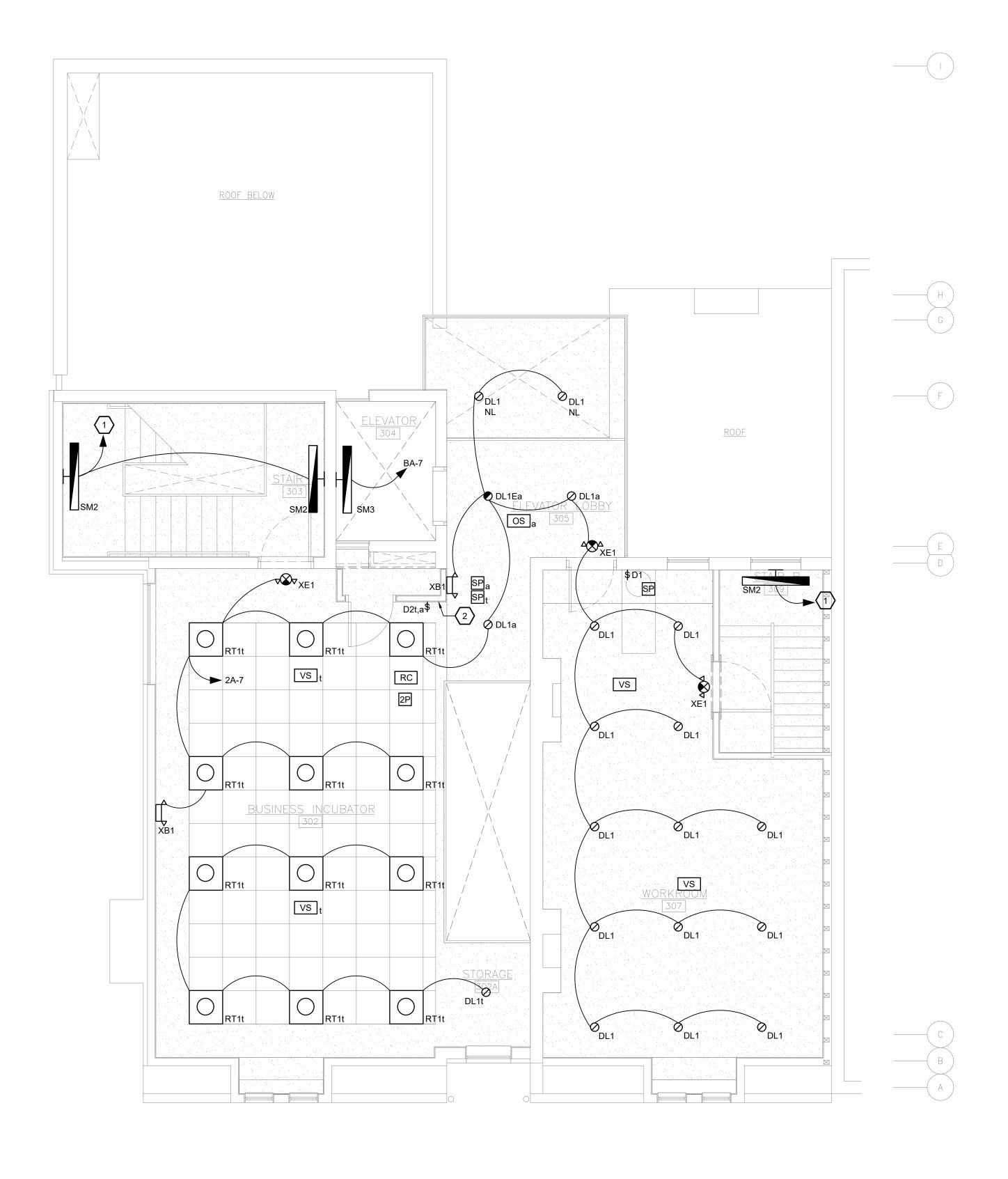
410 FT. PITT COMMONS, 445 FT. PITT BLVD. PITTSBURGH, PENNSYLVANIA 15219-1333 PHONE: 412-566-1531 FAX: 412-566-1532

SECOND FLOOR LIGHTING PLAN

COMM. NO. 2035 ISSUE DATE

02/15/2021

REVISION NO.



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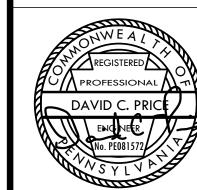
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HACP TASK ORDER #35
DEVELOPMENT &
OPPORTUNITIES CENTER
REHAB

1205 LIVERPOOL STREET BUILDING #35 PITTSBURGH, PA 15233



G E R A R D
ASSOCIATES ARCHITECTS

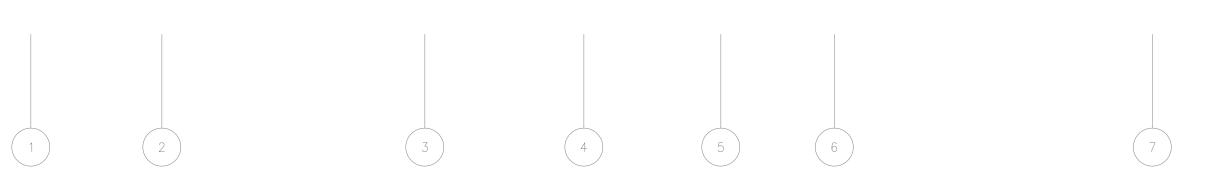
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THIRD FLOOR LIGHTING PLAN

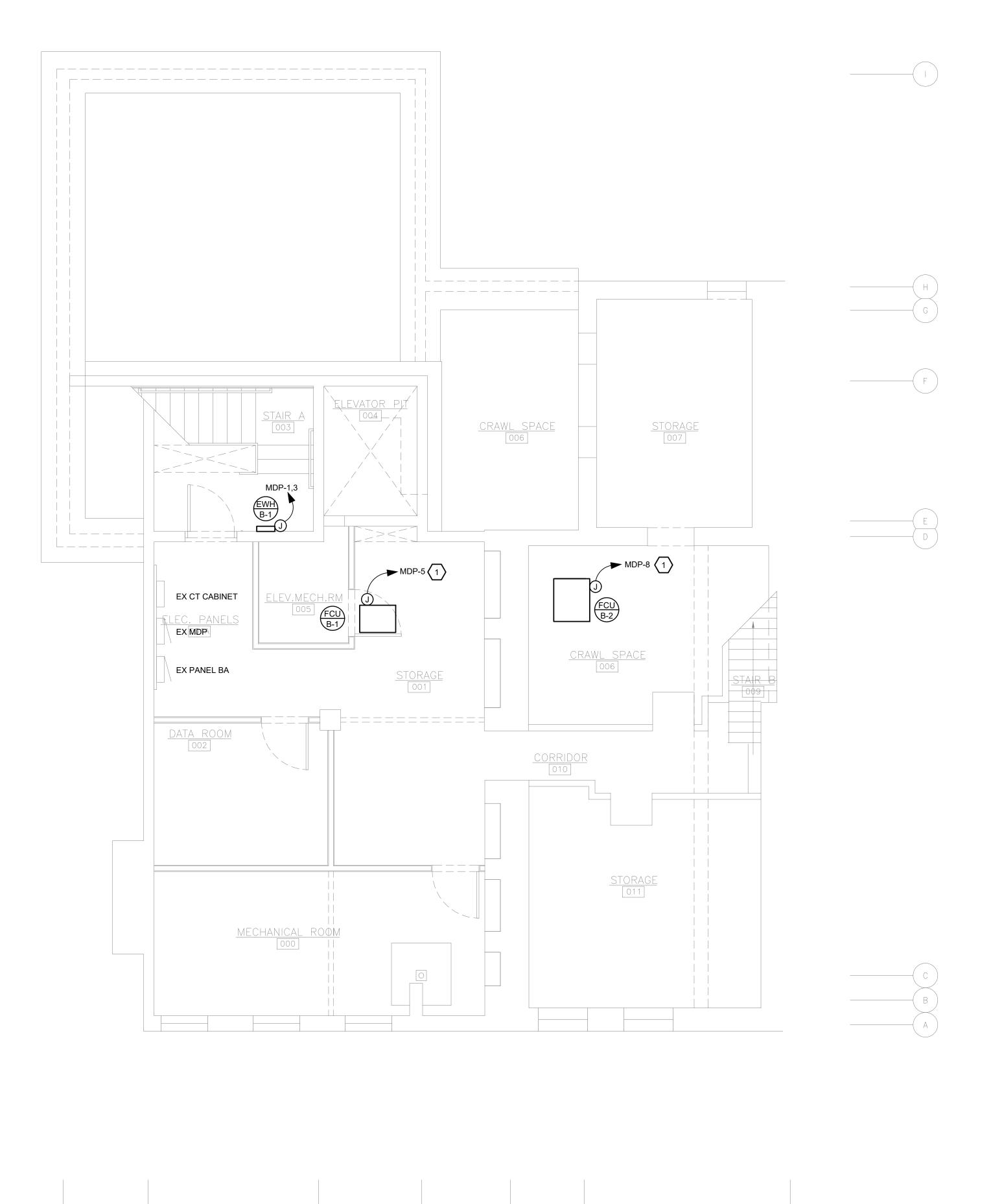
COMM. NO. 2035

ISSUE DATE 02/15/2021

REVISION NO. DWG NO. E-203







POWER GENERAL NOTES:

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- EC SHALL NOT HAVE MORE THAN THREE CURRENT CARRYING CONDUCTORS IN A CONDUIT WITHOUT DERATING AMPACITIES PER THE NEC.
- 5. VERIFY EXACT LOCATIONS OF ALL DEVICES WITH ARCHITECTURAL PLANS PRIOR TO ROUGH-IN.
- 6. WHERE DEVICES ARE DIMENSIONED ON ARCHITECTURAL DRAWINGS, INSTALL DEVICES PER THOSE DIMENSIONS. WHERE DEVICE LOCATIONS ARE NOT DIMENSIONED ON ARCHITECTURAL DRAWINGS, INSTALL IN ACCORDANCE WITH DEFAULT LOCATIONS IN ELECTRICAL SPECIFICATIONS.
- 7. ALL ELECTRICAL DEVICES SHALL BE INSTALLED PER ADA.
- 8. COORDINATE EXACT LOCATIONS OF MECHANICAL EQUIPMENT WITH DIVISION 23. MECHANICAL EQUIPMENT DISCONNECTS AND VARIABLE FREQUENCY DRIVES SHALL BE FURNISHED BY DIVISION 23, INSTALLED AND WIRED BY EC, UNLESS NOTED OTHERWISE. THESE DISCONNECTS HAVE NOT BEEN SHOWN ON THIS PLAN.

POWER KEY NOTES: (#)

 REUSE EXISTING CIRCUIT SALVAGED FROM DEMOLISHED MECHANICAL EQUIPMENT. EXTEND CIRCUIT AS REQUIRED TO NEW FURNACE.

FOR CONSTRUCTION

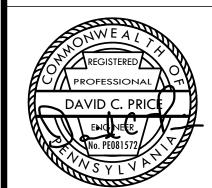
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PROPERTY REHABILITATION FOR:

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DEVELOPMENT &
OPPORTUNITIES CENTER

REHAB
1205 LIVERPOOL STREET
BUILDING #35
PITTSBURGH, PA 15233



G E R A R D ASSOCIATES ARCHITECTS

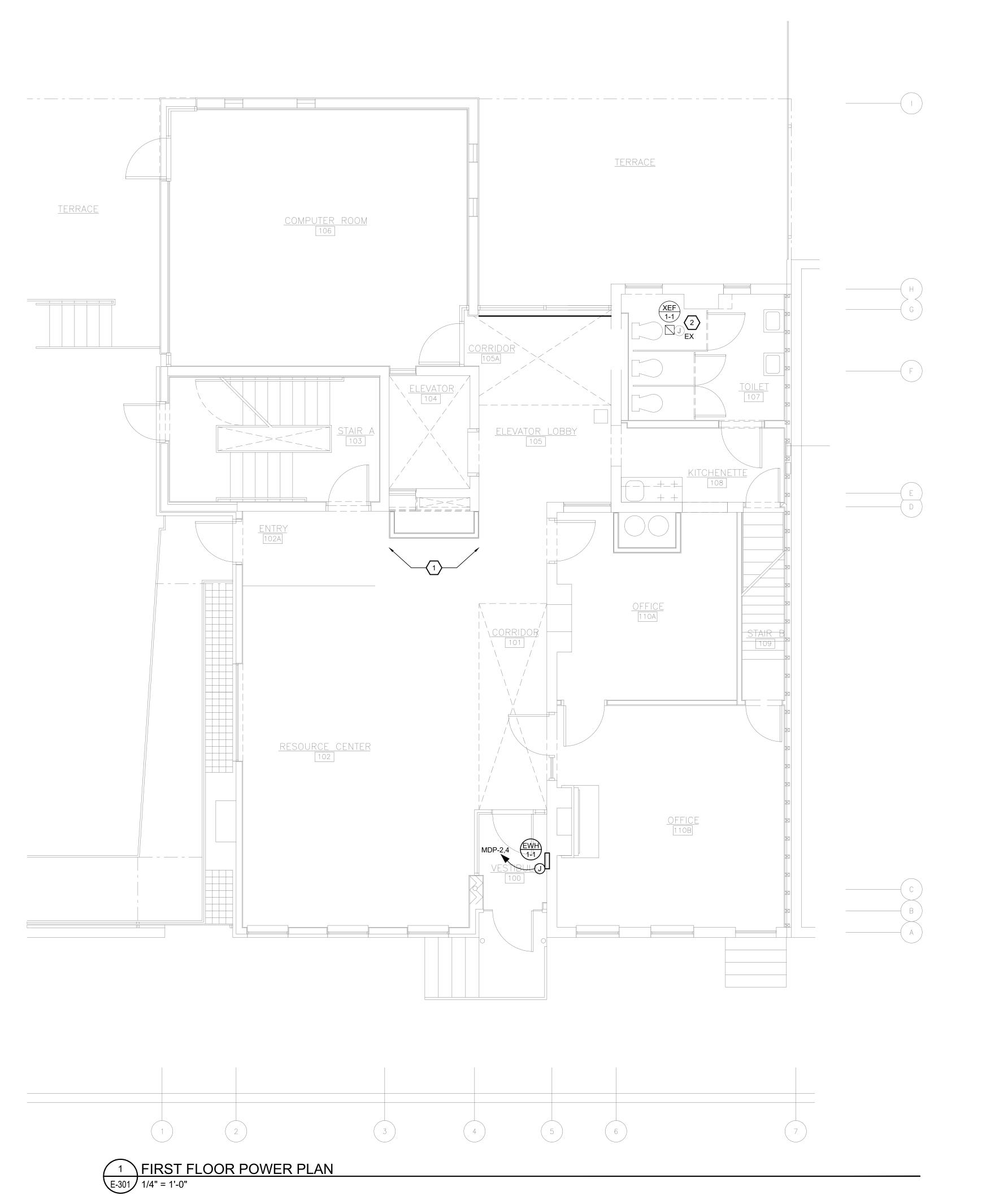
410 FT. PITT COMMONS, 445 FT. PITT BLVD. PITTSBURGH, PENNSYLVANIA 15219-1333 PHONE: 412-566-1531 FAX: 412-566-1532

DRAWING NAME

BASEMENT POWER PLAN

COMM. NO. 2035 ISSUE DATE 02/15/2021





Allen+Shariff

MEP Engineering

ASE JOB #2041090

POWER GENERAL NOTES:

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- 2. EXISTING EXHAUST FAN SHALL BE CONTROLLED BY NEW LIGHTING SWITCH SHOWN ON 1ST FLOOR LIGHTING PLAN. CIRCUIT THROUGH LIGHTING POWER PACK/ROOM CONTROLLER FOR CONTROL THROUGH SWITCH AND OCCUPANCY SENSOR. REFER TO LIGHTING PLAN FOR CIRCUIT ASSIGNMENT.

FOR CONSTRUCTION

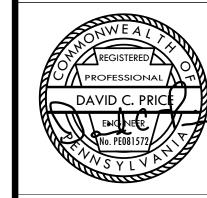
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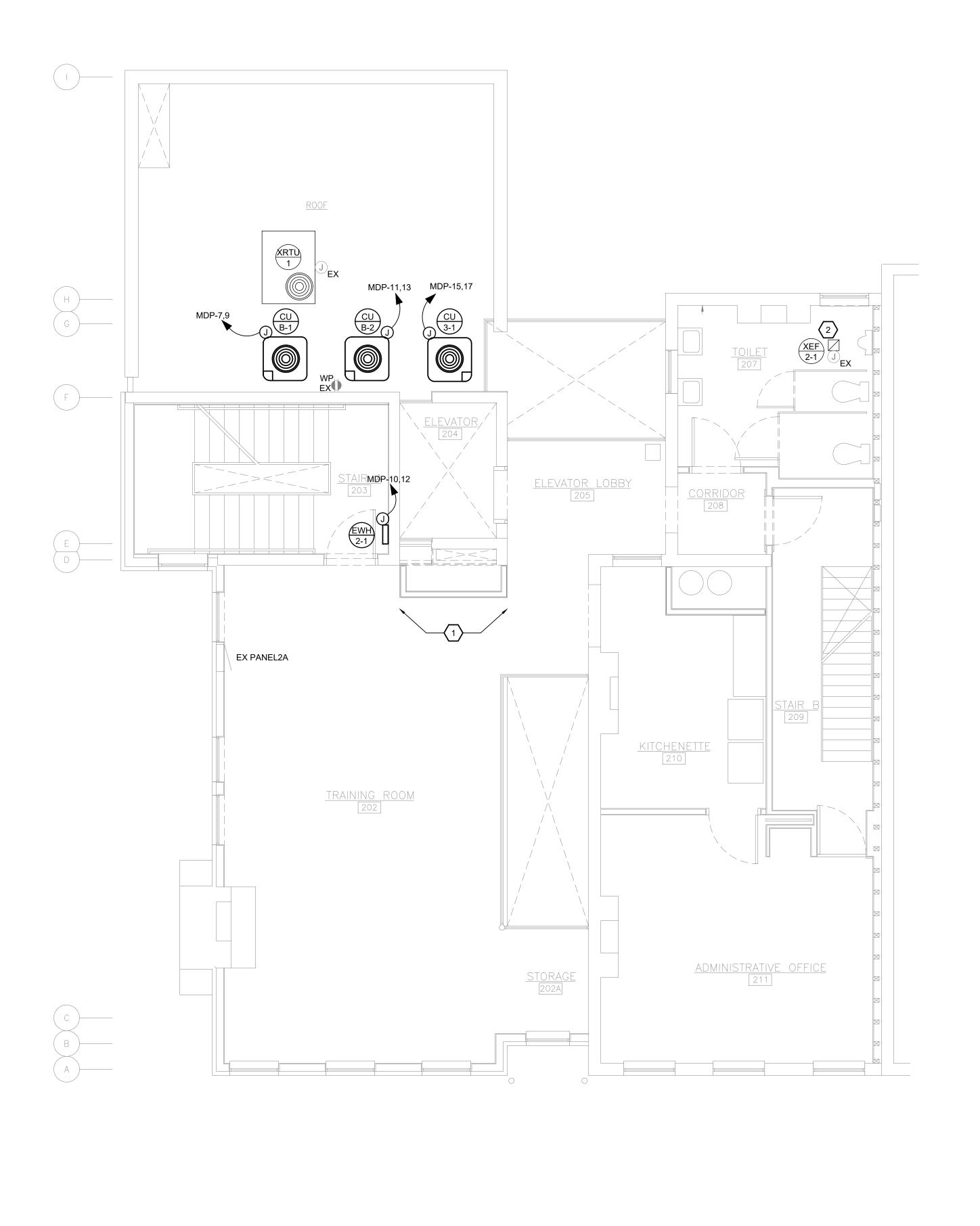
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FIRST FLOOR POWER PLAN

COMM. NO.
2035

ISSUE DATE
02/15/2021



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FOR CONSTRUCTION

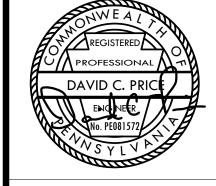
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PROPERTY REHABILITATION FOR:

HACP TASK ORDER #35
DEVELOPMENT &
OPPORTUNITIES CENTER

REHAB
1205 LIVERPOOL STREET
BUILDING #35
PITTSBURGH, PA 15233



G E R A R D
ASSOCIATES ARCHITECTS

410 FT. PITT COMMONS, 445 FT. PITT BLVD. PITTSBURGH, PENNSYLVANIA 15219-1333 PHONE: 412-566-1531 FAX: 412-566-1532

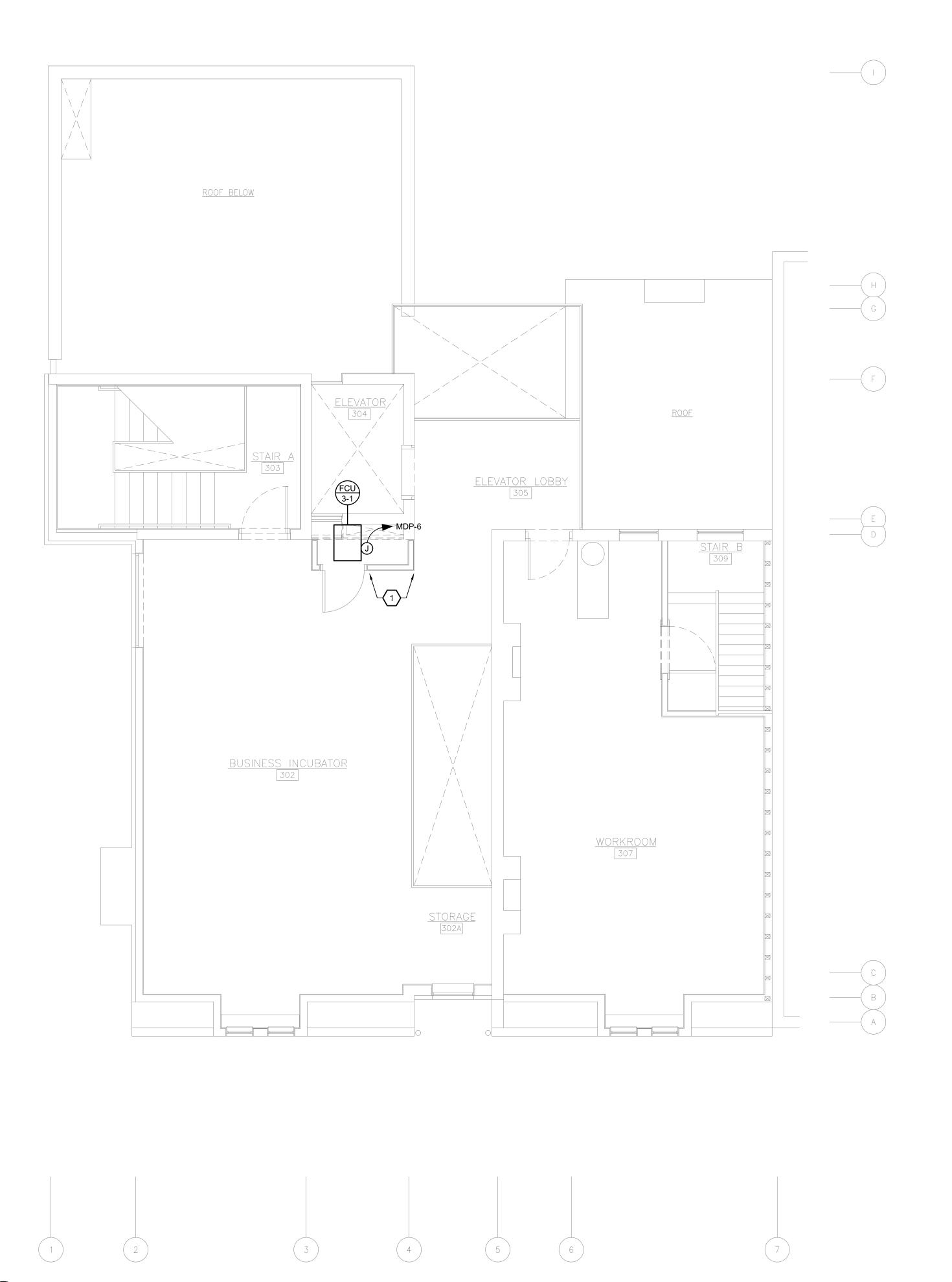
DRAWING NAME

SECOND FLOOR POWER PLAN

COMM. NO. 2035

ISSUE DATE 02/15/2021





POWER GENERAL NOTES:

- FIRE STOP ALL FIRE RATED FLOORS, CEILINGS, AND WALLS AS REQUIRED BY CODE. PENETRATIONS INTO OR THROUGH FIRE RESISTANCE RATED WALLS SHALL COMPLY WITH IBC CHAPTER 7.
- 2. PROVIDE EXPANSION FITTINGS AS REQUIRED AT ALL EXPANSION JOINTS. COORDINATE WITH ARCHITECTURAL PLANS
- 3. WHERE EXPOSED, BRANCH CIRCUITS SHALL BE RUN IN EMT CONDUIT ROUTED PARALLEL AND PERPENDICULAR TO BUILDING STRUCTURE. WHERE CONCEALED WITHIN WALLS OR ABOVE CEILING, MC CABLE IS PERMISSIBLE. EXPOSED CONDUIT SHALL BE PAINTED PER ARCHITECT.
- EC SHALL NOT HAVE MORE THAN THREE CURRENT CARRYING CONDUCTORS IN A CONDUIT WITHOUT DERATING AMPACITIES PER THE NEC.
- 5. VERIFY EXACT LOCATIONS OF ALL DEVICES WITH ARCHITECTURAL PLANS PRIOR TO ROUGH-IN.
- 6. WHERE DEVICES ARE DIMENSIONED ON ARCHITECTURAL DRAWINGS, INSTALL DEVICES PER THOSE DIMENSIONS. WHERE DEVICE LOCATIONS ARE NOT DIMENSIONED ON ARCHITECTURAL DRAWINGS, INSTALL IN ACCORDANCE WITH DEFAULT LOCATIONS IN ELECTRICAL SPECIFICATIONS.
- 7. ALL ELECTRICAL DEVICES SHALL BE INSTALLED PER ADA.
- 8. COORDINATE EXACT LOCATIONS OF MECHANICAL EQUIPMENT WITH DIVISION 23. MECHANICAL EQUIPMENT DISCONNECTS AND VARIABLE FREQUENCY DRIVES SHALL BE FURNISHED BY DIVISION 23, INSTALLED AND WIRED BY EC, UNLESS NOTED OTHERWISE. THESE DISCONNECTS HAVE NOT BEEN SHOWN ON THIS PLAN.

POWER KEY NOTES: (#)

 REINSTALL DEVICES ON THIS WALL THAT WERE SALVAGED THROUGH DEMOLITION AND CONFLICTED WITH THE NEW MECHANICAL CHASE. CONFIRM LOCATION OF NEW CHASE WITH ARCHITECTURAL AND MECHANICAL DRAWINGS. COORDINATE WITH ARCHITECT WHICH DEVICES SHALL BE REINSTALLED AND WHICH DEVICES SHALL BE DEMOLISHED.

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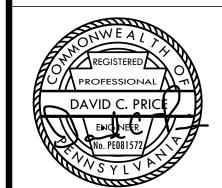
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PROPERTY REHABILITATION FOR:

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DEVELOPMENT &
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REHAB
1205 LIVERPOOL STREET
BUILDING #35
PITTSBURGH, PA 15233



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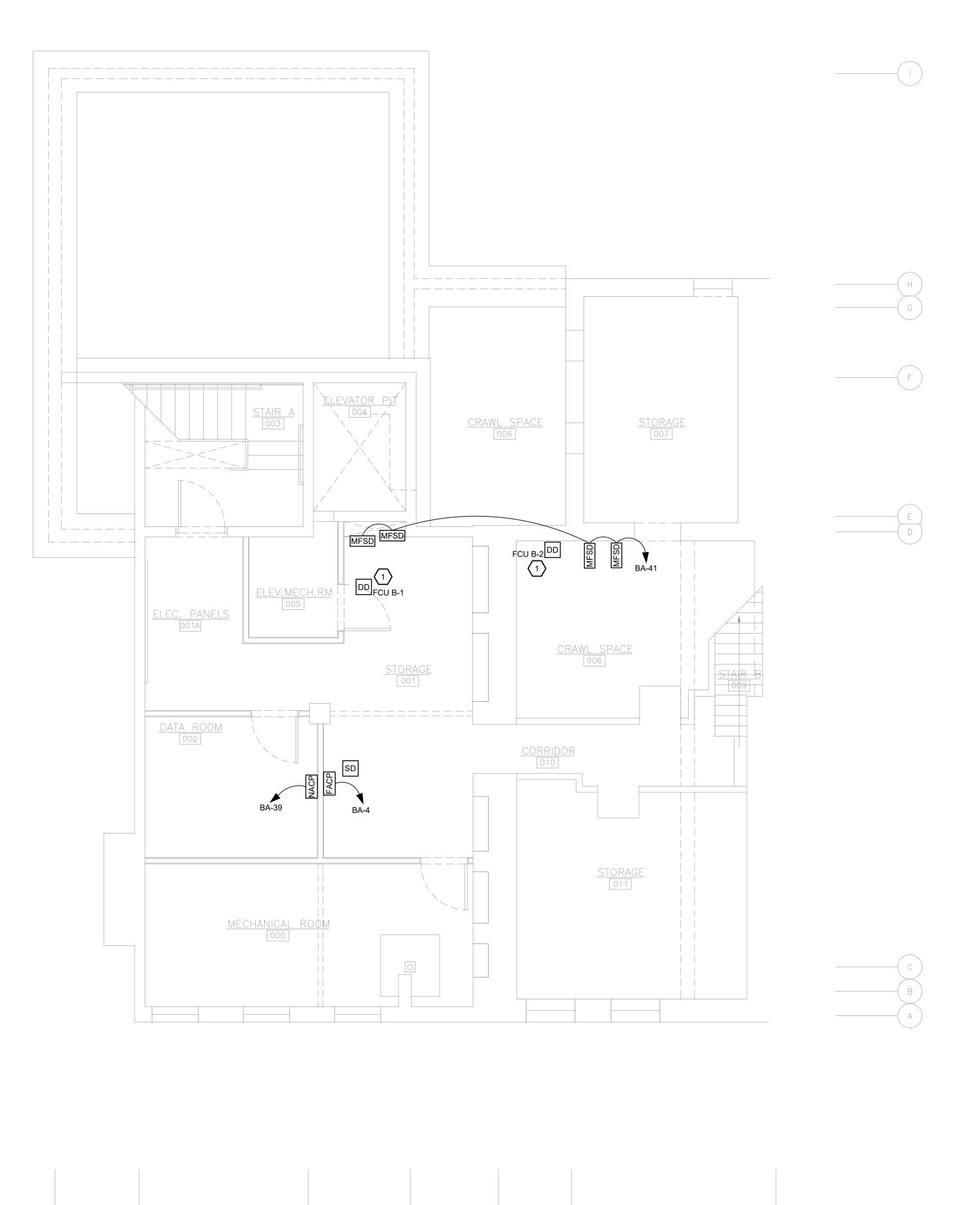
410 FT. PITT COMMONS, 445 FT. PITT BLVD.
PITTSBURGH, PENNSYLVANIA 15219-1333
PHONE: 412-566-1531 FAX: 412-566-1532

DRAWING NAME

THIRD FLOOR POWER PLAN

COMM. NO. 2035 ISSUE DATE 02/15/2021





FIRE ALARM GENERAL NOTES:

- REFER TO PARTIAL FIRE ALARM RISER DIAGRAM 1/E-601 FOR GENERAL FIRE ALARM SYSTEM NOTES.
- FIRE STOP ALL FIRE RATED FLOORS, CEILINGS, AND WALLS AS REQUIRED BY CODE. PENETRATIONS INTO OR THROUGH FIRE RESISTANCE RATED WALLS SHALL COMPLY WITH IBC CHAPTER 7.
- 3. PROVIDE EXPANSION FITTINGS AS REQUIRED AT ALL EXPANSION JOINTS. COORDINATE WITH ARCHITECTURAL PLANS
- 4. WHERE EXPOSED, BRANCH CIRCUITS SHALL BE RUN IN EMT CONDUIT ROUTED PARALLEL AND PERPENDICULAR TO BUILDING STRUCTURE. WHERE CONCEALED WITHIN WALLS OR ABOVE CEILING, MC CABLE IS PERMISSIBLE. EXPOSED CONDUIT SHALL BE PAINTED PER ARCHITECT.
- THE EXACT LOCATION OF ALL DEVICES AND ASSOCIATED EQUIPMENT SHALL BE LOCATED PER NFPA, ADA, AND ALL OTHER CODES HAVING JURISDICTION.

FIRE ALARM KEY NOTES: (#)

 ELECTRICAL CONTRACTOR SHALL FURNISH DUCT DETECTOR, DIVISION 23 SHALL INSTALL, AND ELECTRICAL CONTRACTOR SHALL PROVIDE FIRE ALARM SYSTEM CONNECTION.

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PROFESSIONAL

DAVID C. PRICE

ENGINER

No. PE081572

PROPERTY REHABILITATION FOR:

HACP TASK ORDER #35
DEVELOPMENT &
OPPORTUNITIES CENTER

REHAB
1205 LIVERPOOL STREET
BUILDING #35
PITTSBURGH, PA 15233



G E R A R D
ASSOCIATES ARCHITECTS

410 FT. PITT COMMONS, 445 FT. PITT BLVD. PITTSBURGH, PENNSYLVANIA 15219-1333 PHONE: 412-566-1531 FAX: 412-566-1532

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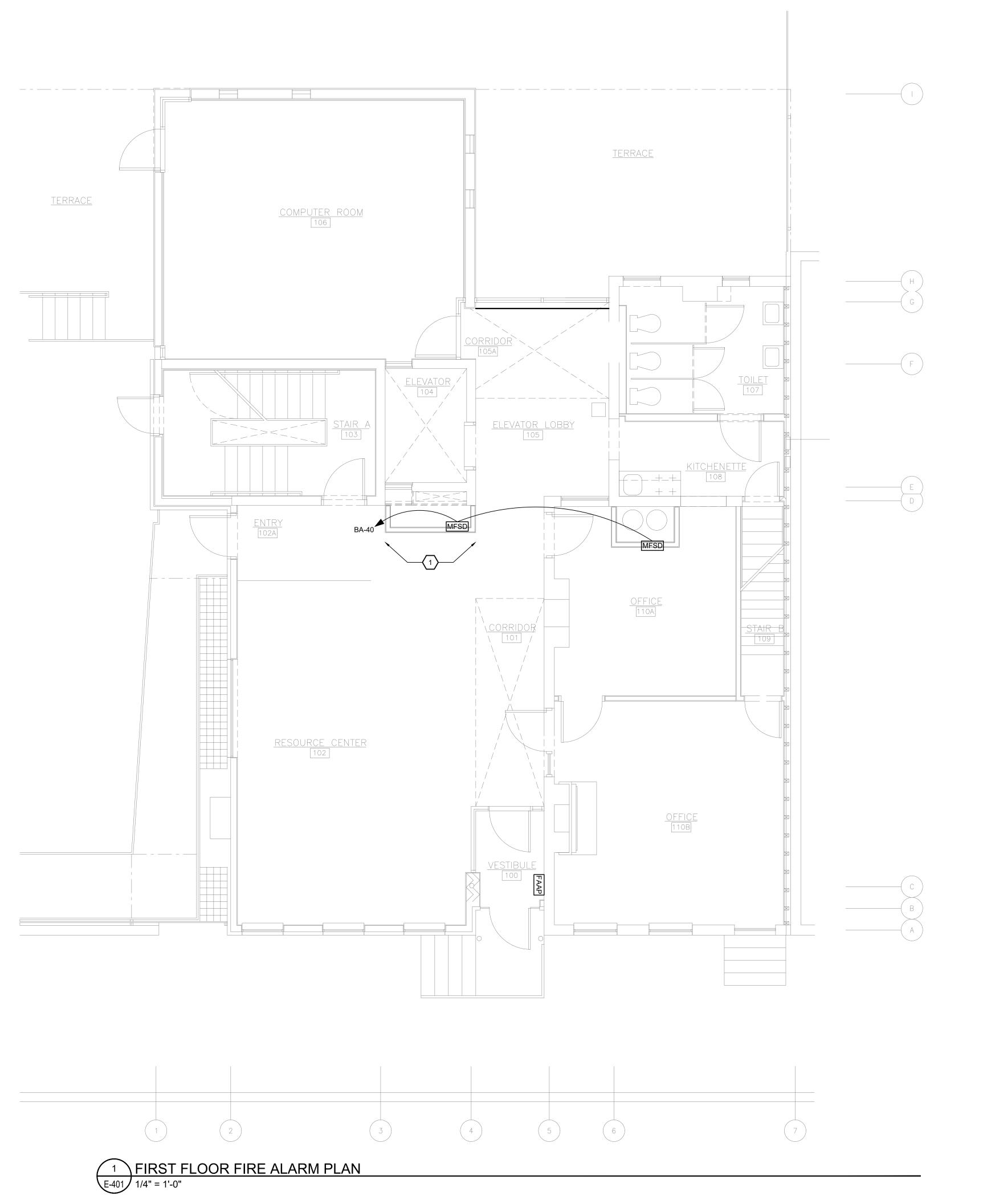
BASEMENT FIRE ALARM PLAN

COMM. NO. 2035

ISSUE DATE 02/15/2021

E-400

1 BASEMENT FIRE ALARM PLAN
E-400 1/4" = 1'-0"



Allen+Shariff

MEP Engineering

ASE JOB #2041090

 REFER TO PARTIAL FIRE ALARM RISER DIAGRAM 1/E-601 FOR GENERAL FIRE ALARM SYSTEM NOTES.

FIRE ALARM GENERAL NOTES:

- FIRE STOP ALL FIRE RATED FLOORS, CEILINGS, AND WALLS
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- 4. WHERE EXPOSED, BRANCH CIRCUITS SHALL BE RUN IN EMT CONDUIT ROUTED PARALLEL AND PERPENDICULAR TO BUILDING STRUCTURE. WHERE CONCEALED WITHIN WALLS OR ABOVE CEILING, MC CABLE IS PERMISSIBLE. EXPOSED CONDUIT SHALL BE PAINTED PER ARCHITECT.
- 5. THE EXACT LOCATION OF ALL DEVICES AND ASSOCIATED EQUIPMENT SHALL BE LOCATED PER NFPA, ADA, AND ALL OTHER CODES HAVING JURISDICTION.

FIRE ALARM KEY NOTES: (#)

1. REINSTALL DEVICES ON THIS WALL THAT WERE SALVAGED THROUGH DEMOLITION AND CONFLICTED WITH THE NEW MECHANICAL CHASE. CONFIRM LOCATION OF NEW CHASE WITH ARCHITECTURAL AND MECHANICAL DRAWINGS. COORDINATE WITH ARCHITECT WHICH DEVICES SHALL BE REINSTALLED AND WHICH DEVICES SHALL BE DEMOLISHED.

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DAVID C. PRICE

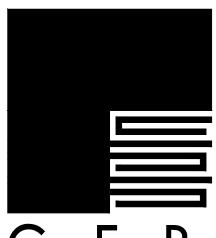
ENGINEER

No. PE081572

PROPERTY REHABILITATION FOR:

HACP TASK ORDER #35 DEVELOPMENT & OPPORTUNITIES CENTER

REHAB
1205 LIVERPOOL STREET
BUILDING #35
PITTSBURGH, PA 15233



G E R A R D ASSOCIATES ARCHITECTS

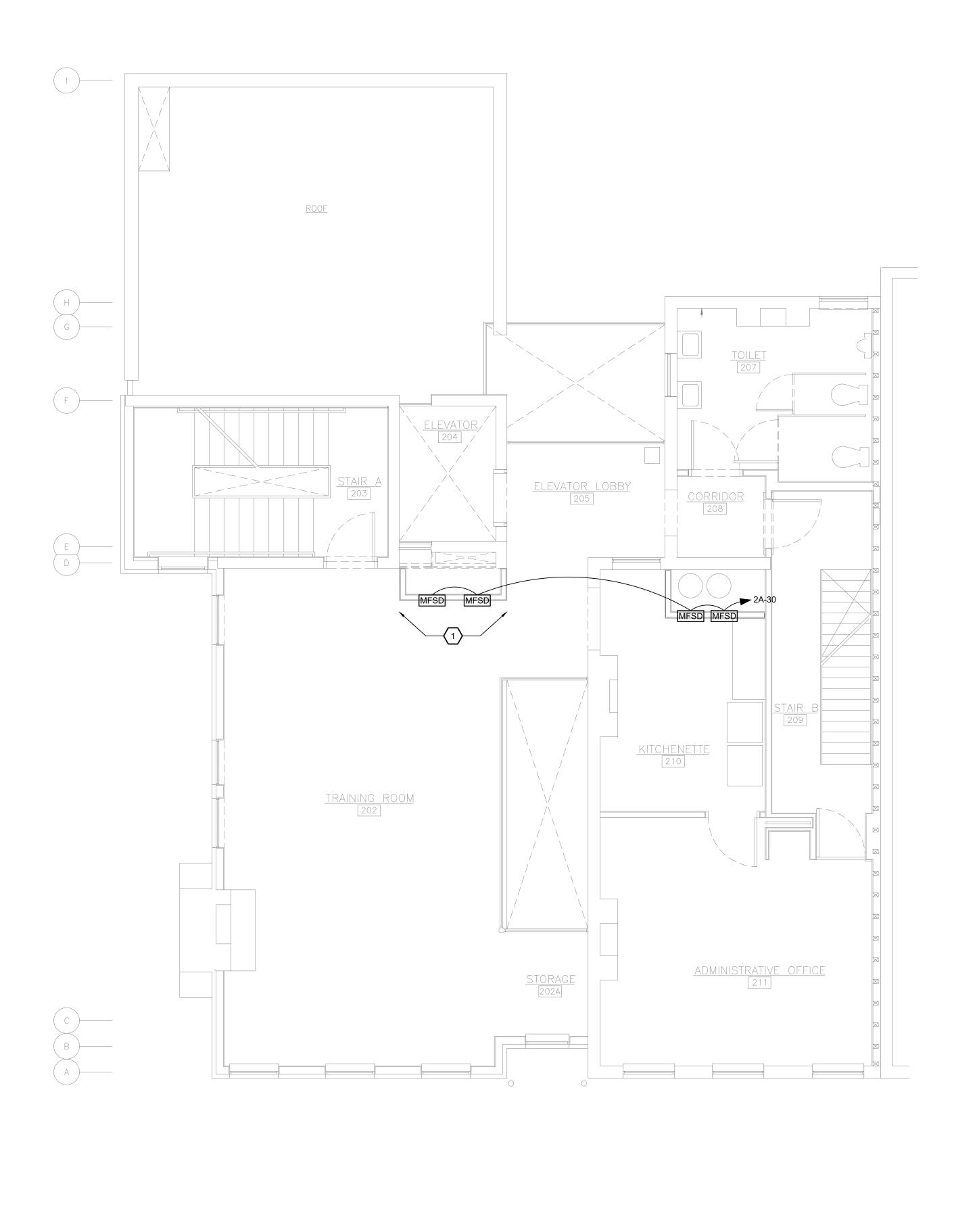
410 FT. PITT COMMONS, 445 FT. PITT BLVD. PITTSBURGH, PENNSYLVANIA 15219-1333 PHONE: 412-566-1531 FAX: 412-566-1532

DRAWING NAME

FIRST FLOOR FIRE ALARM
PLAN

COMM. NO. 2035 ISSUE DATE 02/15/2021

REVISION NO. DWG N



FIRE ALARM GENERAL NOTES:

- REFER TO PARTIAL FIRE ALARM RISER DIAGRAM 1/E-601 FOR GENERAL FIRE ALARM SYSTEM NOTES.
- FIRE STOP ALL FIRE RATED FLOORS, CEILINGS, AND WALLS AS REQUIRED BY CODE. PENETRATIONS INTO OR THROUGH FIRE RESISTANCE RATED WALLS SHALL COMPLY WITH IBC CHAPTER 7.
- 3. PROVIDE EXPANSION FITTINGS AS REQUIRED AT ALL EXPANSION JOINTS. COORDINATE WITH ARCHITECTURAL DIAMS
- 4. WHERE EXPOSED, BRANCH CIRCUITS SHALL BE RUN IN EMT CONDUIT ROUTED PARALLEL AND PERPENDICULAR TO BUILDING STRUCTURE. WHERE CONCEALED WITHIN WALLS OR ABOVE CEILING, MC CABLE IS PERMISSIBLE. EXPOSED CONDUIT SHALL BE PAINTED PER ARCHITECT.
- 5. THE EXACT LOCATION OF ALL DEVICES AND ASSOCIATED EQUIPMENT SHALL BE LOCATED PER NFPA, ADA, AND ALL OTHER CODES HAVING JURISDICTION.

FIRE ALARM KEY NOTES: $\langle \# \rangle$

1. REINSTALL DEVICES ON THIS WALL THAT WERE SALVAGED THROUGH DEMOLITION AND CONFLICTED WITH THE NEW MECHANICAL CHASE. CONFIRM LOCATION OF NEW CHASE WITH ARCHITECTURAL AND MECHANICAL DRAWINGS. COORDINATE WITH ARCHITECT WHICH DEVICES SHALL BE REINSTALLED AND WHICH DEVICES SHALL BE DEMOLISHED.

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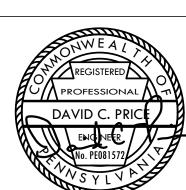
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PROPERTY REHABILITATION FOR:

HACP TASK ORDER #35
DEVELOPMENT &
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REHAB
1205 LIVERPOOL STREET
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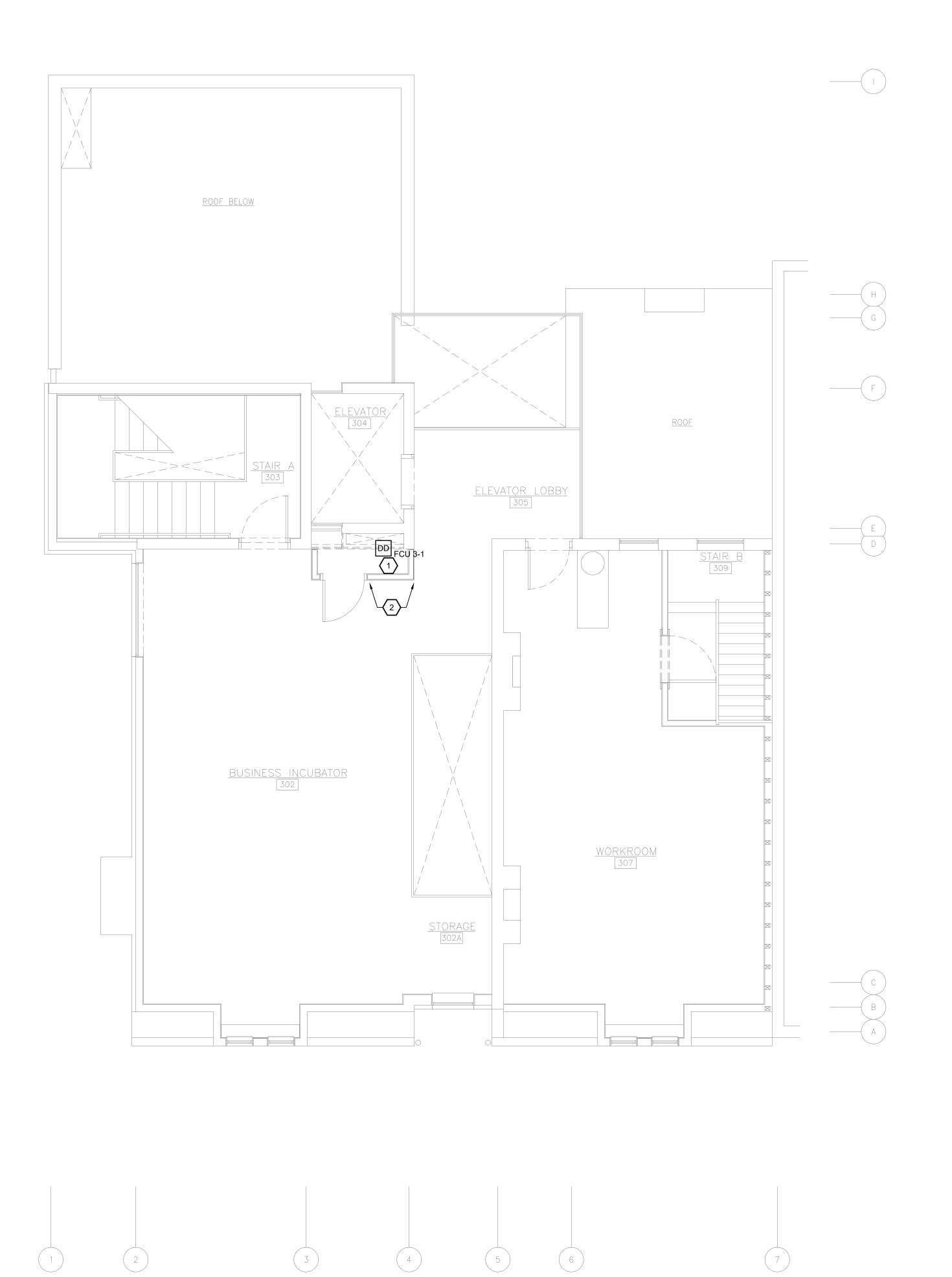
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SECOND FLOOR FIRE ALARM PLAN

COMM. NO. 2035

ISSUE DATE 02/15/2021





FIRE ALARM GENERAL NOTES:

- REFER TO PARTIAL FIRE ALARM RISER DIAGRAM 1/E-601 FOR GENERAL FIRE ALARM SYSTEM NOTES.
- FIRE STOP ALL FIRE RATED FLOORS, CEILINGS, AND WALLS
 AS REQUIRED BY CODE. PENETRATIONS INTO OR THROUGH
 FIRE RESISTANCE RATED WALLS SHALL COMPLY WITH IBC
 CHAPTER 7.
- 3. PROVIDE EXPANSION FITTINGS AS REQUIRED AT ALL EXPANSION JOINTS. COORDINATE WITH ARCHITECTURAL PLANS.
- 4. WHERE EXPOSED, BRANCH CIRCUITS SHALL BE RUN IN EMT CONDUIT ROUTED PARALLEL AND PERPENDICULAR TO BUILDING STRUCTURE. WHERE CONCEALED WITHIN WALLS OR ABOVE CEILING, MC CABLE IS PERMISSIBLE. EXPOSED CONDUIT SHALL BE PAINTED PER ARCHITECT.
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FIRE ALARM KEY NOTES: (#)

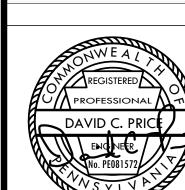
- ELECTRICAL CONTRACTOR SHALL FURNISH DUCT DETECTOR, DIVISION 23 SHALL INSTALL, AND ELECTRICAL CONTRACTOR SHALL PROVIDE FIRE ALARM SYSTEM CONNECTION.
- 2. REINSTALL DEVICES ON THIS WALL THAT WERE SALVAGED THROUGH DEMOLITION AND CONFLICTED WITH THE NEW MECHANICAL CHASE. CONFIRM LOCATION OF NEW CHASE WITH ARCHITECTURAL AND MECHANICAL DRAWINGS. COORDINATE WITH ARCHITECT WHICH DEVICES SHALL BE REINSTALLED AND WHICH DEVICES SHALL BE DEMOLISHED.

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PROPERTY REHABILITATION FOR:

HACP TASK ORDER #35 DEVELOPMENT & OPPORTUNITIES CENTER

REHAB
1205 LIVERPOOL STREET
BUILDING #35
PITTSBURGH, PA 15233



G E R A R D ASSOCIATES ARCHITECTS

410 FT. PITT COMMONS, 445 FT. PITT BLVD. PITTSBURGH, PENNSYLVANIA 15219-1333 PHONE: 412-566-1531 FAX: 412-566-1532

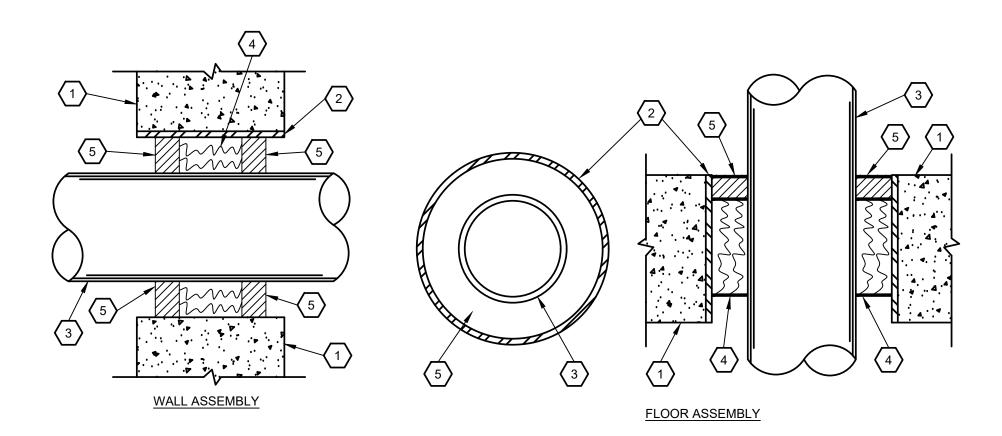
DRAWING NAME

THIRD FLOOR FIRE ALARM
PLAN

COMM. NO. 2035

ISSUE DATE 02/15/2021





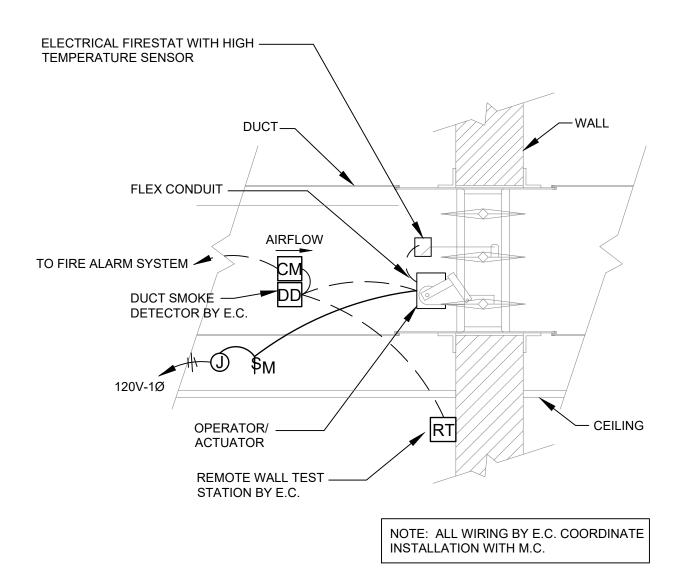
KEYED NOTES: $\langle \# \rangle$

- 1. FLOOR OR WALL ASSEMBLY MINIMUM 5" THICK NORMAL WEIGHT CONCRETE FLOOR OR WALL OR MINIMUM 7-5/8" THICK MASONRY WALL HAVING A MINIMUM 2 HOUR FIRE RESISTIVE RATING WITH A NOMINAL 6" DIAMETER OPENING.
- 2. STEEL PIPE SLEEVE (OPTIONAL) NOMINAL 6" DIAMETER SCHEDULE 40 OR HEAVIER STEEL PIPE SLEEVE. (2 TRADE SIZES LARGER THAN CONDUIT).
- 3. STEEL OR EMT CONDUIT NOMINAL 4" DIAMETER CENTERED THROUGH THE OPENING.
- 4. FORMING MATERIAL MINERAL WOOL, MINIMUM DENSITY OF 4.4 PCF FIRMLY PACKED WITHIN THE OPENING TO A NOMINAL THICKNESS OF 3" FOR FLOORS. FOR WALLS, THE MINERAL WOOL SHALL BE CENTERED IN THE OPENING.
- 5. FILL, VOID OR CAVITY MATERIAL* FILL MATERIAL THAT IS TROWELED INTO THE OPENING TO A MINIMUM THICKNESS OF 1/2" IN ACCORDANCE WITH THE ACCOMPANYING INSTALLATION INSTRUCTIONS. IN WALLS, THE FILL MATERIAL SHALL BE INSTALLED ON BOTH SURFACES OF THE OPENING.
- * BEARING THE "UL" CLASSIFICATION MARKING



1 FIRE STOP DETAIL

1/ N.T.S



NOTES:

- 1. MOTORIZED FIRE SMOKE DAMPER (MFSD), FRAC. HP, 120V-1Ø.
- 2. PROVIDE A DUCT TYPE SMOKE DETECTOR WITH A REMOTE TEST STATION AND AUXILIARY RELAY CONTACTS TO OPERATE THE DAMPER. COORDINATE THE ROUGH-IN LOCATION WITH MECHANICAL DETAILS AND MECHANICAL CONTRACTOR.
- 3. PROVIDE A JUNCTION BOX ABOVE THE CEILING FOR ALL LINE VOLTAGE POWER WIRING. PROVIDE A MANUAL MOTOR STARTER TOGGLE-STYLE SWITCH AS A DISCONNECTING MEANS FOR THE MFSD AS REQUIRED.
- 4. PROVIDE 2#12,1#12(G)-3/4"C. FROM THE JUNCTION BOX TO THE DISCONNECTING MEANS AND HOMERUN TO A 20A, 120V CIRCUIT BREAKER, TYING A MAXIMUM OF FOUR MFSD'S TO A 20A/1P CIRCUIT BREAKER.
- 5. PROVIDE ALL REQUIRED FIRE ALARM SYSTEM TIE-IN WIRING AND PROGRAM FIRE ALARM SYSTEM TO PERFORM THE MECHANICAL SEQUENCE OF OPERATION.



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DAVID C. PRICE

ENGINEER

No. PE081572

PROPERTY REHABILITATION FOR:

HACP TASK ORDER #35
DEVELOPMENT &
OPPORTUNITIES CENTER
REHAB

1205 LIVERPOOL STREET BUILDING #35 PITTSBURGH, PA 15233



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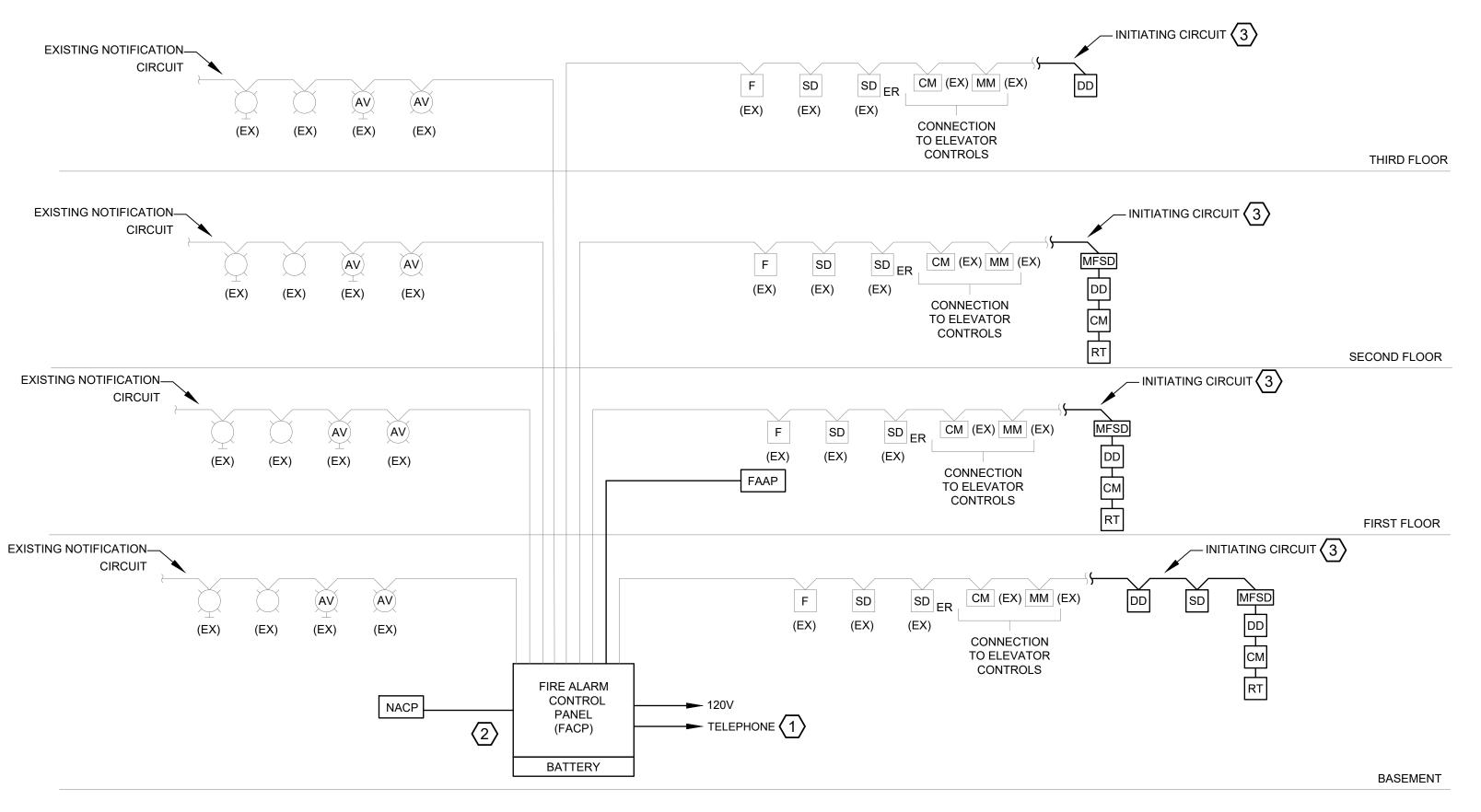
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ELECTRICAL DETAILS

COMM. NO. 2035

ISSUE DATE 02/15/2021





PARTIAL FIRE ALARM RISER DIAGRAM NOT TO SCALE

GENERAL FIRE ALARM SYSTEM NOTES:

- 1. THE EXISTING FIRE ALARM SYSTEM IS MANUFACTURED BY SIMPLEX. NEW EQUIPMENT AND DEVICES SHALL BE COMPATIBLE WITH THE EXISTING SYSTEM.
- 2. REFER TO FLOOR PLAN FOR QUANTITY AND LOCATION OF SYSTEM COMPONENTS. EXACT ARRANGEMENT AND QUANTITY OF DEVICES SHALL BE INDICATED ON THE SHOP DRAWINGS. PROVIDE COMPLETE RISER DIAGRAM AS PART OF SHOP
- 3. VERIFY WIRING SIZES WITH THE FIRE ALARM SYSTEM MANUFACTURER AND INSTALL AS DIRECTED. DO NOT LOAD ANY CIRCUIT BEYOND 80% OF RATED CAPACITY. SUBMIT CALCULATIONS TO SUBSTANTIATE. ADD ADDITIONAL CIRCUITS AS REQUIRED.
- 4. FIRE ALARM WIRING SHALL BE ROUTED VIA A SEPARATE CONDUIT SYSTEM (3/4" MINIMUM). FIRE RATED MC CABLE IS ACCEPTABLE WHERE CONCEALED. MC CABLE SHALL BE COLORED RED. PROVIDE CONDUIT SLEEVES WITH ESCUTCHEON PLATES WHERE PASSING THROUGH WALLS, FLOOR, OR CEILINGS.
- 5. THIS CONTRACTOR SHALL PROVIDE ALL ADDITIONAL POWER SUPPLIES. BATTERIES, EXTENDER PANELS, ETC. AS REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM.
- 6. THIS CONTRACTOR SHALL PROVIDE BATTERY CALCULATIONS, WIRING DIAGRAMS, EQUIPMENT CUTS, ETC. AS PART OF THE SHOP DRAWING SUBMITTAL.
- 7. CANDELA RATING SHALL BE PER NFPA 72 CHAPTER 18 REQUIREMENTS. ALL VISUAL AND AUDIO DEVICES SHALL BE SYNCHRONIZED.
- 8. AUDIBLE ALARM SYSTEM SOUND PRESSURE LEVEL SHALL COMPLY WITH IBC
- 9. THE COMPLETED FIRE ALARM SYSTEM SHALL BE FULLY TESTED IN ACCORDANCE WITH NFPA 72, AND LOCAL FIRE DEPARTMENT REQUIREMENTS BY THE INSTALLER, IN THE PRESENCE OF THE OWNER'S REPRESENTATIVE AND THE LOCAL FIRE MARSHALL. UPON COMPLETE ON A SUCCESSFUL TEST, THE INSTALLER SHALL SO CERTIFY, IN WRITING, TO THE OWNER AND GENERAL CONTRACTOR.
- 10. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS, PRODUCTS, EXECUTION, AND INSTALLATION OF THE FIRE ALARM SYSTEM.
- 11. WIRING SHALL BE INSTALLED IN THE APPROPRIATE RACEWAY TO MEET THE SURVIVABILITY REQUIREMENTS OF THE CITY OF PITTSBURGH CODE ENFORCEMENT.
- 12. PROVIDE REMOTE TEST SWITCHES AND ASSOCIATED CONTROL MODULES FOR ALL FIRE SMOKE AND SMOKE DAMPERS. COORDINATE EXACT LOCATION OF ALL TEST SWITCHES WITH OWNER PRIOR TO ROUGH-IN. THESE SHALL BE LOCATED IN UTILITY/BACK-OF-HOUSESPACES.
- 13. EXISTING DUCT DETECTORS, DAMPERS AND RELATED EQUIPMENT (NOT SHOWN) SHALL REMAIN IN PLACE, IN SERVICE. WHERE REQUIRED, EC SHALL RELOCATE ALL TEST SWITCHES ASSOCIATED WITH EXISTING EQUIPMENT TO MAINTAIN ACCESSIBILITY IN NEW CEILING. EXTEND FIRE ALARM CIRCUIT AS REQUIRED.

KEY NOTES: (#)

- 1. IN ORDER TO PROVIDE DIAL OUT TO FIRE DEPARTMENT, TWO SOURCES SHALL BE PROVIDED TO THE DACT WITHIN THE FIRE ALARM SYSTEM PER NFPA 26.6.3.2.1.4. THE SYSTEM SHALL EMPLOY ONE PHONE LINE AND AN ADDITIONAL TRANSMISSION MEANS AS ALLOWABLE UNDER THAT CODE SECTION AND DEEMED AVAILABLE AT THE SITE. THE OWNER MAY ALSO CHOOSE TO EMPLOY AN ALTERNATE TRANSMISSION MEANS APPROVED BY NFPA IN PLACE OF THE SECOND TELEPHONE LINE. COORDINATE WITH OWNER WHETHER DACT SHOULD DIAL DIRECTLY TO FIRE DEPARTMENT OR TO THIRD PARTY 24/7 MONITORING SERVICE CONTRACTED BY OWNER.
- 2. ELECTRICAL CONTRACTOR SHALL FIELD VERIFY THE EXISTING FIRE ALARM SYSTEM AND PROVIDE A NEW FACP THAT IS COMPATIBLE WITH THE EXISTING INITIATING AND NOTIFICATION DEVICES. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL NECESSARY DEVICES FOR THE NEW FACP TO COMMUNICATE WITH
- 3. PROVIDE EXTENSION OF EXISTING FIRE ALARM CIRCUITS TO SUPPLY NEW FIRE ALARM DEVICES. WHERE EXISTING CIRCUITS ARE NOT SIZED TO ACCOMMODATE ADDITIONAL FIRE ALARM DEVICES, PROVIDE NEW FIRE ALARM CIRCUIT TO SERVE FLOOR. THIS CONTRACTOR SHALL PROVIDE ALL ADDITIONAL POWER SUPPLIES, BATTERIES, EXTENDER PANELS, ETC. AS REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM. All FIRE ALARM DEVICES SHALL BE FULLY COMPATIBLE WITH EXISTING SYSTEM.

THE FIRE ALARM SCOPE INCLUDES THE REPLACEMENT OF THE EXISTING FIRE ALARM CONTROL PANEL AND THE ADDITION OF INITIATING DEVICES WHERE NOTED ON THE FIRE ALARM NEW WORK PLANS. THE NEW FIRE ALARM CONTROL PANEL SHALL BE FULLY COMPATIBLE AND FUNCTIONAL WITH THE EXISTING INITIATING AND NOTIFICATION DEVICES. ALL EXISTING WIRING AND CONDUIT TO DEVICES SHALL BE REUSED UNDER THIS SCOPE.

THE BASIS OF DESIGN FOR THE FIRE ALARM CONTROL PANEL (FACP) IS A SIMPLEX 4100ES PANEL. CONTACT SIMPLEX REPRESENTATIVE JEFF GASPARIK, (724) 741-3474, WITH QUESTIONS REGARDING THE COMPATIBILITY OF THE NEW PANEL WITH THE EXISTING NOTIFICATION AND INITIATING DEVICES.

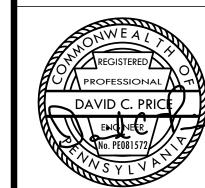
FIRE ALARM PERMIT NOTE (CITY OF PITTSBURGH):

THE E.C. BID SHALL INCLUDE THE COST FOR AN INDEPENDENT THIRD PARTY PROFESSIONAL ENGINEER TO SIGN, DATE, AND SEAL ALL FIRE ALARM DOCUMENTS REQUIRED FOR BUILDING PERMIT. THE FIRE ALARM DOCUMENTS INCLUDED WITH THE E-SERIES DRAWINGS ARE PROVIDED FOR FIRE ALARM DESIGN INTENT WITHIN THE CITY OF PITTSBURGH. THE CITY OF PITTSBURGH WILL REQUIRE SIGNED/SEALED MANUFACTURER SHOP DRAWINGS (BY THE INDEPENDENT THIRD PARTY) FOR PERMIT APPROVAL BEYOND THE DOCUMENTS CONTAINED IN THE E-SERIES DRAWINGS.

THE FIRE ALARM SHOP DRAWINGS SHALL INCLUDE AT A MINIMUM FIRE ALARM FLOOR PLANS AND A RISER DIAGRAM. EACH PLAN OR RISER SHALL INDICATE THE NUMBER AND TYPES OF FIRE ALARM DEVICES INSTALLED ON EACH CIRCUIT, DEVICE ADDRESSES, CONDUCTOR TYPES AND SIZES, FIRE ALARM ZONES, PRIMARY AND SECONDARY POWER SUPPLIES (AS NECESSARY), AND ALL NEW FIRE ALARM DEVICES AS ADDED TO EXISTING CIRCUITS. DOCUMENTS SHALL ALSO CONTAIN BATTERY AND VOLTAGE DROP CALCULATIONS.

HIS DOCUMENT IS COPYRIGHTED AND SUBJECT TO PROTECTION UNDER SECTION 102 OF THE COPYRIGHT ACT 17 U.S.O. AS AMENDED DECEMBER 1990 AND KNOWN AS THE ARCHITECTURAL WORKS COPYRIGHT PROTECTION ACT OF 1990. REPRODUCTION AND USE OF THIS DOCUMENT OR THE IDEAS .L.C. WILL SUBJECT THE VIOLATOR TO LEGAL PROSECUTION. ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR AT REVISIONS

FOR CONSTRUCTION



PROPERTY REHABILITATION FOR:

HACP TASK ORDER #35 DEVELOPMENT & **OPPORTUNITIES CENTER REHAB**

1205 LIVERPOOL STREET BUILDING #35 PITTSBURGH, PA 15233



ASSOCIATES ARCHITECTS

410 FT. PITT COMMONS, 445 FT. PITT BLVD. PITTSBURGH, PENNSYLVANIA 15219-1333 PHONE: 412-566-1531 FAX: 412-566-1532

E-601

FIRE ALARM RISER DIAGRAM

COMM. NO. 2035 ISSUE DATE 02/15/2021

REVISION NO.



E	xisting Panel		M	DF)										
	Location:	MAIN ELECTRICAL ROOI EXISTING UTILITY SERVI SURFACE					ı	Volts: Phases: Wires:		V			A.I.C. Rating: Mains Type: Mains Rating: MCB Rating:	: 400	
СКТ	Circuit Description	Wire Size	Trip	Pole	ŀ	A) (VA) 3			Pole	Trip	Wire Size	Circuit Description	СКТ
1	EWH B-1 (NOTE 4)	3#12, 1#12G - 3/4"C	20	2	1500	1500	1500	1500			2	20	3#12, 1#12G - 3/4"C	EWH 1-1 (NOTE 4)	2
5	FCU B-1 (NOTE 3)	2#12, 1#12G - 3/4"C	20	1					1380	1380	1	15	2#12, 1#12G - 3/4"C	FCU 3-1 (NOTE 4)	6
7	CU B-1 (NOTE 4)	3#4, 1#10G - 1"C	60	2	3619	1380					1	20	2#12, 1#12G - 3/4"C	FCU B-2 (NOTE 3)	8
9	, ,						3619	1500	3619	1500	2	20	3#12, 1#12G - 3/4"C	EWH 2-1 (NOTE 4)	10 12
13	CU B-2 (NOTE 4)	3#4, 1#10G - 1"C	60	2	3619										14
15 17	CU 3-1 (NOTE 4)	3#4, 1#10G - 1"C	60	2			3619		3619		3	40	EXISTING	EX CONDENSING UNIT #3	16 18
19	EX PANEL 2A	EXISTING	100	3							3	60	EXISTING	EX SPARE	20 22 24
25 27 29	EX ELEVATOR	EXISTING	150	3							3	150	EXISTING	EX PANEL BA	26 28 30
		oad:	116	618	117	738	114	198							
		Pa	nel A	mps:			96	5.7							
	ES: INLESS OTHERWISE NOTED			KERS	ARE EX	(ISTING	TO REM	AIN.							

2. LOADS IN BOLD ARE NEW LOADS ON EXISTING PANEL.

3. (WHERE NOTED) REUSE EXISTING CIRCUIT BREAKER THAT PREVIOUSLY SERVED DEMOLISHED MECHANCAL EQUIPMENT.

4. (WHERE NOTED) PROVIDE NEW CIRCUIT BREAKER SIZED AS SHOWN. MATCH THE MANUFACTURER, MODEL, AND AIC RATING OF EXISTING BREAKERS.

Existing Branch Panel: BA

Location: MAIN ELECTRICAL ROOM Supply From: MDP Mounting: SURFACE Enclosure: TYPE 1

Volts: 208/120V Phases: 3 Wires: 4

A.I.C. Rating: EXISTING KAIC Mains Type: MLO Mains Rating: 150 MCB Rating: -

CKT	T Circuit Description	Wire Size		Pole	LOAD (VA)							Trip	Wire Size	Circuit Description	СКТ
OICI		VVIIC OIZC	ШР	l	Α		В		С		i oic	ШР	VVIIC OIZE	Official Description	OIXI
1	LTG BASEMENT	2#12, 1#12G - 3/4"C	20	1	520						1	20	EXISTING	EX REC BASEMENT	2
3	EX EM BATTERY UNIT	EXISTING	20	1				500			1	20	2#12, 1#12G - 3/4"C	FACP (NOTE 3)	4
5	LTG STAIRWELL A	2#12, 1#12G - 3/4"C	20	1					293		1	20	EXISTING	EX LTG ELEV CAB LTS	6
7	LTG ELEVATOR PIT	2#12, 1#12G - 3/4"C	20	1	102						1	20	EXISTING	EX REC ELEVATOR	8
9	LTG ELEV MACHINE RM	2#12, 1#12G - 3/4"C	20	1			46				1	20	EXISTING	EX REC TELEPHONE REC	10
11	LTG 1ST FLOOR	2#12, 1#12G - 3/4"C	20	1					1550		1	20	EXISTING	EX REC SECURITY REC	12
13	EX LTG ATRIUM	EXISTING	20	1							1	20	EXISTING	EX REC COMPUTER ROOM	14
15	EX LTG 1ST FLOOR	EXISTING	20	1							1	20	EXISTING	EX REC COMPUTER ROOM	16
17	EX LTG 1ST FLOOR	EXISTING	20	1							1	20	EXISTING	EX REC COMPUTER ROOM	18
19	EX CIRCUIT	EXISTING	20	1							1	20	EXISTING	EX REC COMPUTER ROOM	20
21	EX CIRCUIT	EXISTING	20	1							1	20	EXISTING	EX REC COMPUTER ROOM	22
23	EX WATER FOUNTAIN	EXISTING	20	1							1	20	EXISTING	EX REC COMPUTER ROOM	24
25	EX REC 1ST FLOOR	EXISTING	20	1							1	20	EXISTING	EX REC COMPUTER ROOM	26
27	EX REC 1ST FLOOR	EXISTING	20	1							1	20	EXISTING	EX REC COMPUTER ROOM	28
29	EX REC 1ST FLOOR	EXISTING	20	1							1	20	EXISTING	EX REC COMPUTER ROOM	30
31	EX REC 1ST FLOOR	EXISTING	20	1							1	20	EXISTING	EX REC BASEMENT	32
33	EX REC EXTERIOR	EXISTING	20	1							1	20	EXISTING	EX REC BASEMENT	34
35	EX REC EXTERIOR	EXISTING	20	1							1	20	EXISTING	EX SNOW MELT	36
37	EX LTG EXTERIOR	EXISTING	20	1							1	20	EXISTING	EX 1ST FLR BATH & STAIR	38
39	NACP (NOTE 3)	2#12, 1#12G - 3/4"C	20	1			500	500			1	20	2#12, 1#12G - 3/4"C	1ST FL MFSD'S	40
41	BASEMENT MFSD'S	2#12, 1#12G - 3/4"C	20	1					1000		1	20		EX SPARE	42
		-	otall	and.	-	22	4.5	AG	20	42			•		

. UNLESS OTHERWISE NOTED, ALL BRANCH CIRCUIT BREAKERS ARE EXISTING TO REMAIN.

Panel Amps:

2. LOADS IN BOLD ARE NEW LOADS ON EXISTING PANEL. B. PROVIDE LOCKING DEVICE ON EXISTING BREAKER.

Existing Branch Panel: 2A

Location: 2ND FLOOR TRAINING ROOM Supply From: MDP Mounting: RECESSED

Volts: 208/120V Phases: 3 Wires: 4

A.I.C. Rating: EXISTING KAIC Mains Type: MLO Mains Rating: 100

Enclosure: TYPE 1											MCB Rating: -					
CK1	Circuit Description	Wire Size	Trip	Pole	LOAD (VA)						Dolo	Trin	Miro Cizo	Circuit Description	СКТ	
CKI	Circuit Description	VVIIIe SIZE	Пр	FUIE	P	Α		В		С		Trip	Wire Size	Circuit Description	CKI	
1	LTG 2ND FLOOR	2#12, 1#12G - 3/4"C	20	1	963	963					1	20	EXISTING	EX REC 2ND FLOOR	2	
3	EX LTG 2ND FLOOR	EXISTING	20	1							1	20	EXISTING	EX REC 2ND FLOOR	4	
5	EX LTG 2ND FLOOR	EXISTING	20	1							1	20	EXISTING	EX REC 2ND FLOOR	6	
7	LTG 3RD FLOOR	2#12, 1#12G - 3/4"C	20	1	934						1	20	EXISTING	EX REC 2ND FLOOR	8	
9	EX LTG 3RD FLOOR	EXISTING	20	1							1	20	EXISTING	EX REC 2ND FLOOR	10	
11	EX LTG 3RD FLOOR	EXISTING	20	1							1	20	EXISTING	EX REC 3RD FLOOR	12	
13	LTG STAIRWELL B	2#12, 1#12G - 3/4"C	20	1	190						1	20	EXISTING	EX REC 3RD FLOOR	14	
15	EX REC ROOFTOP GFI	EXISTING	20	1							1	20	EXISTING	EX REC 3RD FLOOR	16	
17	EX STEREO	EXISTING	20	1							1	20	EXISTING	EX REC 3RD FLOOR	18	
19	EX WATER FOUNTAIN	EXISTING	20	1							1	20	EXISTING	EX LTG 3RD FLOOR	20	
21	EX LTG 2ND FLOOR	EXISTING	20	1							1	20	EXISTING	EX REC BATHROOM GFI	22	
23	EX REFRIGERATOR	EXISTING	20	1							2	50	EVICTING	EVDANCE	24	
25	EX RIGHT KITCHEN GFI	EXISTING	20	1								50	EXISTING	EX RANGE	26	
27	EX DISHWASHER	EXISTING	20	1							1	20	EXISTING	EX CUBICLES	28	
29	EX MICROWAVE	EXISTING	20	1						1000	1	20	2#12, 1#12G - 3/4"C	2ND FL MFSD'S	30	
		oad:	2087 0 1000				00									

8.6

. UNLESS OTHERWISE NOTED, ALL BRANCH CIRCUIT BREAKERS ARE EXISTING TO REMAIN.

Panel Amps:

LOADS IN BOLD ARE NEW LOADS ON EXISTING PANEL.

Allen+Shariff MEP Engineering ASE JOB #2041090

			LIGHTING FIXTURE								FOR CONSTRUCTION
		TI OK CONSTRUCTION									
				L	.AMP(S)						
TYPE	FIXTURE DESCRIPTION	MANUFACTURER	MODEL	LAMF #		DRIVER/ BALLAST	WATTS	VOLTS	MOUNTING	NOTES	THIS DOCUMENT IS COPYRIGHTED AND SUBJECT TO PROTECTION UNDER SECTION 102 OF THE COPYRIGHT ACT 17 U.S.O. AS AMENDED DECEMBER 1990 AND KNOWN AS THE ARCHITECTURAL WORK COPYRIGHT PROTECTION ACT OF 1990. REPRODUCTION AND USE OF THIS DOCUMENT OR THE IDEAS AND DESIGNS INCORPORATED HEREIN WITHOUT AUTHORIZATION OF GERARD ASSOCIATES ARCHITECT
DL1	6" RECESSED DOWNLIGHT	HALO	FRAME: HC6-20-D010 LED MODULE: HM6-12-835 REFLECTOR: 61-MD-H		LED, 3500K, 2000LM	0-10V, DIMTO 1%	21	120	RECESSED, CEILING		L.L.C. WILL SUBJECT THE VIOLATOR TO LEGAL PROSECUTION. ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR AT THE SITE.
DL1E	6" RECESSED DOWNLIGHT WITH EMERGENCY BATTERY	HALO	FRAME: HC6-20-D010-REM14 LED MODULE: HM6-12-835 REFLECTOR: 61-MD-H		LED, 3500K, 2000LM	0-10V, DIM TO 1%	21	120	RECESSED, CEILING		REVISIONS
FP1	2'X2' FLAT PANEL	METALUX	22-FPX-42-L835-HCD		LED, 3500K, 4200LM	0-10V, DIM TO 1%	42	120	RECESSED, CEILING		
SM1	4'-0" SURFACE MOUNTED STRIP FIXTURE W/ ROUND LENS	METALUX	4SNLED-LD5-50SL-LW-UNV-L835-CD1-U		LED, 3500K, 5000LM	0-10V, DIM TO 10%	46	120		WHERE CEILING CONDITIONS DO NOT ALLOWFOR SURFACE MOUNTING, PROVIDE AIRCRAFT CABLE SUSPENSION MOUNTING. EC SHALL FIELD COORDINATE.	
SM1E	4'-0" SURFACE MOUNTED STRIP FIXTURE W/ ROUND LENS AND EMERGENCY BATTERY	METALUX	4SNLED-LD5-50SL-LW-UNV-EL14W-L835-CD1-U		LED, 3500K, 5000LM	0-10V, DIM TO 10%	46	120	SURFACE,	WHERE CEILING CONDITIONS DO NOT ALLOW FOR SURFACE MOUNTING, PROVIDE AIRCRAFT CABLE SUSPENSION MOUNTING. EC SHALL FIELD COORDINATE.	
SM2	4'-0" WALL MOUNTED STAIR FIXTURE W/ EMERGENCY BATTERY AND INTEGRAL OCCUPANCY SENSOR	METALUX	4SWLED-40SL-LW-UNV-EL14W-L835-CD1-SVPD2-U		LED, 3500K, 4000LM	0-10V	38	120	SURFACE, WALL	OCCUPANCY SENSOR SHALL OPERATE TO TURN LIGHTS ON TO 100% LIGHT OUTPUT WHEN STAIRWELL IS OCCUPIED AND 0% WHEN UNOCCUPIED.	
SM3	4'-0" SURFACE MOUNTED, WET LISTED VAPORTIGHT STRIP FIXTURE WITH EMERGENCY BATTERY	METALUX	4VT2-LD5-6-FR50-UNV-EL10W-L835-CD1-WL-U		LED, 3500K, 6000LM	0-10V	51	120	SURFACE, WALL		
VVIVI1	2' WALL MOUNTED VANITY FIXTURE	METALUX	2BCLED-LD4-20SL-F-UNV-L835-CD-1-U		LED, 3500K, 2000LM	0-10V	23	120	SURFACE, WALL		
WM2	EXTERIOR WALL SCONCE WITH PHOTOCELL	ASL	BCJA-W24-ND-30K-H21-PC-XX		LED, 3000K, 2800LM	LED	24	120	SURFACE, WALL		
VVIVI3	INTERIOR DECORATIVE WALL SCONCE	ASL	BCRBA-W24-DVD-35K-H20-XX		LED, 3500K, 2800LM	0-10V	24	120	SURFACE, WALL		
VVIVI4	EXTERIOR WALL SCONCE WITH EMERGENCY BATTERY AND PHOTOCELL	ASL	DSKE-W24-ND-30K-W4-EMG-PC-XX		LED, 3000K, 2800LM	LED	24	120	SURFACE, WALL		
UC1	3' UNDERCABINET FIXTURE	HALO	HU30-BSC-36-P		LED, 3500K, 850LM	LED	14	120	SURFACE, UNDERCABINET	COORDINATE MOUNTING WITH CASEWORK PROVIDER. CONCEAL WHERE POSSIBLE. PROVIDE ALL MOUNTING AND CONNECTION ACCESSORIES.	
XB1	EMERGENCY BATTERY UNIT WITH SELF- DIAGNOSTICS	EXITRONIX	LED-95-WH-G2	2	LED		2	120	SURFACE, WALL		
XE1	THERMOPLASTIC LED EXT SIGN WITH BATTERY BACKUP, EMERGENCY LIGHTING HEADS, SELF- DIAGNOSTICS, AND REMOTE HEAD CAPABILITY	EXITRONIX	VLEDC-51-WH-G2-R4	2	LED		2	120	UNIVERSAL	PROVIDE NUMBER OF FACES AND DIRECTIONAL CHEVRONS AS SHOWN ON PLANS.	
XR1	WET LOCATION LED EMERGENCY REMOTE LAMPS	EXITRONIX	RL1-WP-GR	1	LED		1		SURFACE, WALL		

GENERAL CIRCUITING NOTE:

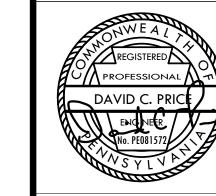
3. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL MOUNTING ACCESSORIES.

1. ARCHITECT SHALL SPECIFY / VERIFY ALL FINISH SELECTIONS. 2. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.

> CIRCUIT BREAKERS IN EXISTING PANELS MDP, BA, AND 2A WILL BECOME SPARE FOLLOWING DEMOLITION OF THE EXISTING SPACE. THE LOAD ASSIGNMENTS NOTED HERE ARE ARBITRARY, AND THE EC SHALL UTILIZE ANY EXISTING SPARE BREAKERS AND ANY BREAKERS MADE SPARE THROUGH DEMOLITION IN THESE PANELS. WHERE NO SPARE BREAKER IS AVAILABLE, EC SHALL INSTALL NEW BREAKER IN AN EXISTING PROVISIONAL SPACE. NEW BREAKER SHALL MATCH THE MANUFACTURER, MODEL, & AIC RATING OF EXISTING BREAKERS. ALL BASE BUILDING LOADS AND CIRCUITS SERVING DEVICES THAT ARE EXISTING TO REMAIN SHALL BE MAINTAINED. THE EC SHALL ADJUST CIRCUIT ASSIGNMENTS AS REQUIRED AND PROVIDE NEW PANEL SCHEDULES TO REFLECT THE INSTALLATION AT PROJECT CLOSEOUT.

ALTERNATE:

CONTRACTOR SHALL PRICE SEPARATELY ALL WORK, INCLUSIVE OF ALL LABOR, MATERIALS, TAX, OVERHEAD AND PROFIT, ASSOCIATED WITH THE DEMOLITION OF THE EXISTING LIGHTING AND LIGHTING CONTROLS. ALL WORK ASSOCIATED WITH THE REPLACEMENT OF EXISTING FIXTURES SHALL BE INCLUDED IN THE DEDUCT ALTERNATE INCLUDING BUT NOT LIMITED TO FIXTURES, SWITCHES, WIRING, WIRELESS AND WIRED CONTROLS, CONTROL PANELS, PROGRAMMING, GENERAL CEILING AND WALL PATCHES.



PROPERTY REHABILITATION FOR:

HACP TASK ORDER #35 DEVELOPMENT & OPPORTUNITIES CENTER REHAB

1205 LIVERPOOL STREET BUILDING #35 PITTSBURGH, PA 15233



ASSOCIATES ARCHITECTS

410 FT. PITT COMMONS, 445 FT. PITT BLVD. PITTSBURGH, PENNSYLVANIA 15219-1333 PHONE: 412-566-1531 FAX: 412-566-1532

ELECTRICAL SCHEDULES

COMM. NO. 2035 ISSUE DATE 02/15/2021