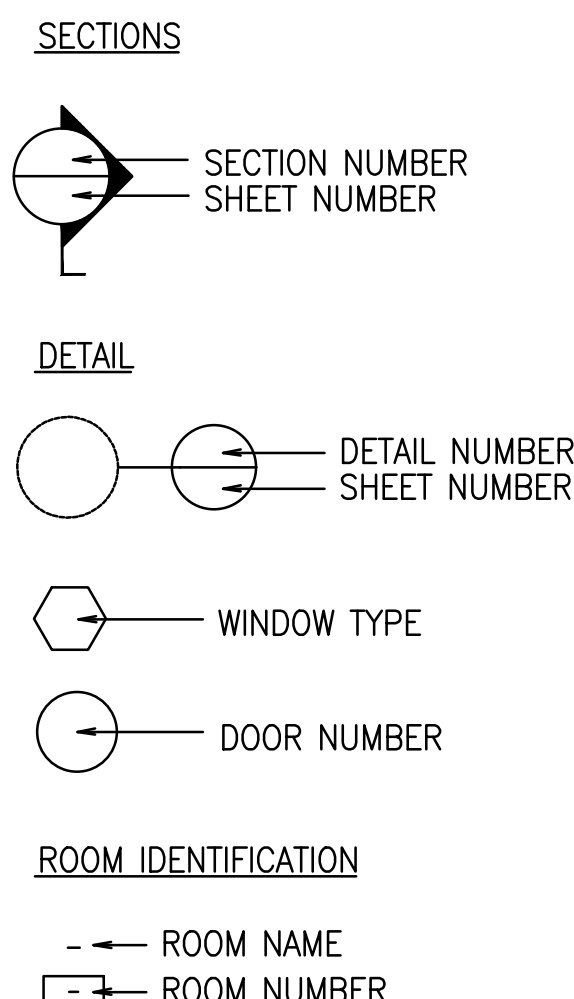
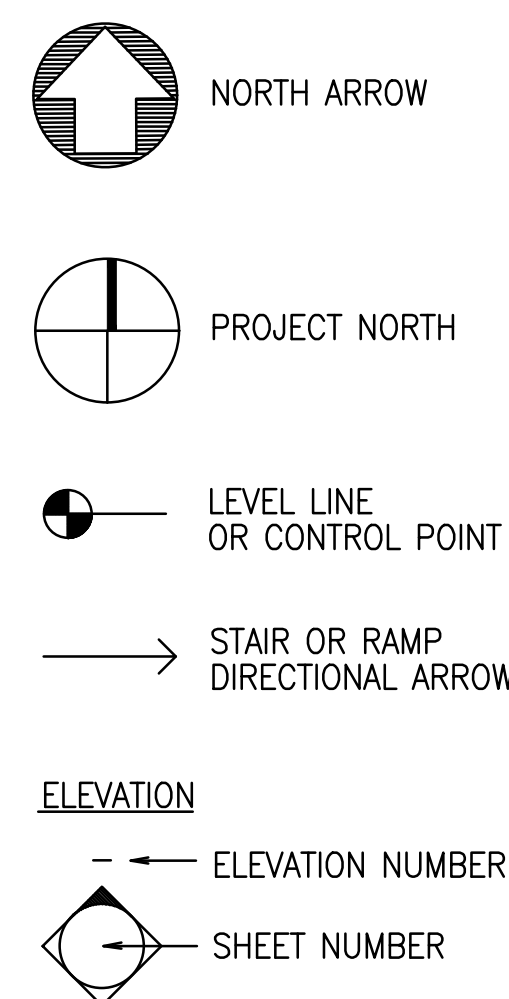


ABBREVIATIONS

AFF	ABOVE FINISH FLOOR	LAM	LAMINATE(D)(ION)
ACCOM	ACCOMMODATE	LES	LEAD EXPANSION SHIELD
ACCORD	ACCORDANCE	LLV	LOWER LEG VERTICAL
AC	ACOUSTIC	LN	LINEAL FOOT
ADJ	ADJUSTABLE/ADJACENT	MH	MANHOLE
ALT	ALTERNATE	MFR	MANUFACTURER
AL	ALUMINUM	MO	MASONRY OPENING
AB	ANCHOR BOLTS	MAX	MAXIMUM
APA	AMERICAN PLYWOOD ASSOCIATION	MECH	MECHANICAL
ARCH	ARCHITECT(URAL)	MC	MECHANICAL CONTRACTOR
ASPH CONC	ASPHALT CONCRETE PAVING	MCP	MEAMINE COATED PARTICALBOARD
AT	AT	MET/MTL	METAL
B	BEARING	MIN	MINIMUM
BRG	BEARING PLATE	MLD	MOLDING, MOULDING
BM	BENCH MARK	MTD	MOUNTED
BIT	BITUMINOUS	NA	NOT APPLICABLE
BIT-DP	BITUMINOUS DAMPPROOFING	NAT	NATURAL
BLK	BLOCK	NIC	NOT IN CONTRACT
BD	BOARD	NTS	NOT TO SCALE
BOT	BOTTOM	NO OR #	NUMBER
BRK	BRICK	OC	ON CENTER
BUDG	BUILDING	OFF	OFFICE
CAB	CABINET	OP PL OF	OPEN PLAN OFFICE
CI	CAST IRON	H-STL JST	H-STEEL JOIST
CLG	CEILING	OPG	OPENING
CL	CENTER LINE	OD	OUTSIDE DIAMETER
CER T	CERAMIC TILE	OH	OVERHEAD
CIRC	CIRCULATION	PART	PARTITION
CJ	CONTROL JOINT	PNT	PAINT(ED)
CLO	CLOSET	PL	PLATE
COL	COLUMN	PC	PLUMBING CONTRACTOR
COMP	COMPUTER	PLAM	PLASTIC LAMINATE
CONC	CONCRETE	PLYWD	PLYWOOD
CONF	CONFERENCE	PT	PRESSURE TREATED
CMU	CONCRETE MASONRY UNITS	PVC	POLYVINYL CHLORIDE
CONST	CONSTRUCTION	RWC	RAIN WATER CONDUCTOR
CONT	CONTINUOUS	RECPIT	RECEPTION
COORD	COORDINATE	REINF	REINFORCING
DEM	DEMOLISH, DEMOLITION	RE BAR	REINFORCING BARS
DTL	DETAIL	REF	REPRESENTATIVE
DIA	DIAMETER	REQD	REQUIRED
DIM	DIMENSION	ROW	RIGHT OF WAY
DR	DOOR	RF	ROOF
DN	DOWN	RF DK	ROOF DECKING
DS	DOWNSPOUT	RD	ROOM
DF	DRINKING FOUNTAIN	RM	ROUGH OPENING
ELEC	ELECTRIC(AL)	RO	ROUGH OPENING
EWC	ELECTRIC WATER COOLER	SDO	SALVAGE & DELIVER TO OWNER
EC	ELECTRICAL CONTRACTOR	SHT	SHEET
ELEV	ELEVATION, ELEVATOR	SKL	SKYLIGHT
ENG	ENGINEER	SL	SLATE
EPS	EXPANDED POLYSTYRENE	SC	SOLID CORE
EQ	EQUAL	SPEC	SPECIFICATION
EXIST	EXISTING	SPKLR	SPRINKLER
EXP JT	EXPANSION JOINT	SRW	SEGMENTAL RETAINING WALL
EXP	EXPOSED	SS	STAINLESS STEEL
EXT	EXTERIOR	STD	STANDARD
EXTR PS	EXTRUDED POLYSTYRENE	STL	STEEL
FG BATT	FIBERGLASS BATT	STL JST	STEEL JOIST
FIN	FINISH	STL STD	STEEL STUD
FE	FIRE EXTINGUISHER	STO	STORAGE
FEC	FIRE EXTINGUISHER CABINET	STR	STRUCTURE/STRUCTURAL
FRTW	FIRE RESISTANT TREATED WOOD	STRU STL	STRUCTURAL STEEL
FLG	FLASHING	SYS	SYSTEM
FL	FLOOR	TEL	TELEPHONE
FD	FLOOR DRAIN	TMP	TEMPERED
FTG	FOOTING	T&G	TONGUE AND GROOVE
GA	GAGE, GAUGE	TOC	TOP OF CURB
GALV	GALVANIZED	TOF	TOP OF FOOTER
GL	GLASS	TOS	TOP OF STEEL
GC	GENERAL CONTRACT(OR)	TOW	TOP OF WALL
GTR	GUTTER	TRV	THROUGH ROOF VENT
GWB	GYPSUM DRYWALL (WALLBOARD)	TYP	TYPICAL
GWB-X	GWB, TYPE X (FIRE RESISTIVE CLASSIFICATION)	UNO	UNLESS NOTED OTHERWISE
HVAC	HEATING, VENTILATING AND AIR CONDITIONING	VB	VAPOR BARRIER
HC	HOLLOW CORE	VERT	VERTICAL
HL-CMU	HOLLOW LOADBEARING CMU	VCT	VINYL COMPOSITION TILE
HM	HOLLOW METAL STEEL	VIF	VERIFY IN FIELD
HR	HORIZONTAL	WB	VINYL WALL BASE
HRZ	HORIZONTAL	WCB	VINYL WALL COVERING
HT	HEIGHT	WAT	WAITING
ID	INSIDE DIAMETER	W/F	WELDED WIRE FABRIC
INS	INSULATE(D)(ION)	W/	WITH
INT	INTERIOR	W/O	WITHOUT
INV	INVERT	WOL	WOLMANIZED
JT	JOINT	WD	WOOD

NOTE: NOT ALL ABBREVIATIONS LISTED ARE APPLICABLE TO THIS PROJECT.

ANNOTATION SYMBOLS



CONSTRUCTION NOTES

- REVIEW HARDWARE SCHEDULE, INTERIOR ELEVATIONS, & DETAILS, & PROVIDE FIRE TREATED SOLID WOOD BLOCKING INSIDE FIRE-RATED STUD WALLS & SOLID WOOD BLOCKING INSIDE STUD WALLS WHERE SOLID ANCHORAGE IS REQUIRED.
- ALL MTL THAT COMES INTO CONTACT WITH PT WOOD SHALL BE STAINLESS OR GALV. STEEL. THIS INCLUDES BUT IS NOT LIMITED TO FASTNERS, FLASHING AND JOIST HANGERS. STRUCTURAL STL SHALL BE PRIMED AND PAINTED PRIOR TO CONTACT WITH PT WOOD.
- SEAL AND FIRESTOP ALL PENETRATIONS AND OPENINGS IN ANY FIRE-RATED CONSTRUCTION USING PROPER FIRESTOPPING PRODUCTS INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.
- EMERGENCY LIGHTING SYSTEM: PROVIDE A MINIMUM OF ONE FOOT CANDLE OF ILLUMINATION FOR A MINIMUM DURATION OF ONE HOUR AS REQUIRED BY THE NATIONAL ELECTRICAL CODE AND IBC.
- MAKE CHANGES OR ADDITIONS TO THE EMERGENCY LIGHTING AND EXIT LIGHTING SYSTEMS AS REQUIRED BY THE CODE OFFICIAL. DURING THE JOB SITE INSPECTIONS THE CODE OFFICIAL MAY REQUIRE CHANGES OR ADDITIONS TO THE SYSTEMS.
- ALL MEANS OF EGRESS TO BE FREE & CLEAR AT ALL TIMES.

JOINT SEALER SCHEDULE

DRAWING DESIGNATION	SEALANT TYPE	DESCRIPTION OF JOINT CONSTRUCTION AND LOCATION WHERE JOINT SEALER IS TYPICALLY APPLIED. (SEE NOTE BELOW)
ES-1	ONE-PART NONACID-CURING SILICONE SEALANT	EXTERIOR & INTERIOR VERTICAL JOINTS BETWEEN METAL & CONCRETE, UNIT MASONRY MORTAR, OR STONE; INTERIOR & EXTERIOR PERIMETER JOINTS OF METAL & WOOD FRAMES IN EXTERIOR WALLS; & EXTERIOR OVERHEAD JOINTS.
ES-2	MULTI-PART POURABLE URETHANE SEALANT	EXTERIOR & INTERIOR JOINTS IN HORIZONTAL SURFACES OF CONCRETE; BETWEEN METAL & CONCRETE, MORTAR & MASONRY.
ES-3	ONE-PART ACID-CURING SILICONE SEALANT	NOT USED
ES-4	ONE-PART MILDEW-RESISTANT SILICONE SEALANT	NOT USED
ES-5	TWO-PART URETHANE SEALANT	NOT USED
LS	ACRYLIC-EMULSION SEALANT	INTERIOR JOINTS IN FIELD-PAINTED VERTICAL & OVERHEAD SURFACES AT PERIMETER OF HOLLOW METAL DOOR FRAMES; IN GYPSUM DRYWALL, PLASTER & CONCRETE OR CONCRETE MASONRY; & ALL OTHER INTERIOR JOINTS NOT INDICATED OTHERWISE.
BAS-1	BUTYL-ASPHALT SEALANT, AC-20 IN ACCORDANCE WITH PA. DEPT. TRANSPORTATION TITLE 40B SPECIFICATIONS.	NOT USED
FSS-1	FOAMED-IN-PLACE FIRE-STOPPING SEALANT	THROUGH PENETRATIONS IN FIRE RESISTANCE RATED FLOOR & WALL ASSEMBLIES INVOLVING MULTIPLE PIPES, CONDUITS & OTHER ITEMS.
FSS-2	ONE-PART FIRE-STOPPING SEALANT	THROUGH PENETRATIONS IN FIRE RESISTANCE RATED FLOOR & WALL ASSEMBLIES INVOLVING SINGLE PIPES, CONDUITS & WHERE JOINT WIDTHS ARE NARROW.

NOTE: INSTALL JOINT SEALANTS IN ACCORDANCE WITH DESCRIPTIONS AND LOCATIONS LISTED, AND IN LOCATIONS IDENTIFIED ON DRAWINGS BY DRAWING DESIGNATIONS LISTED ABOVE.

BUILDING DATA (2009 IBC)

OCCUPANCY:	USE GROUP B
CONSTRUCTION TYPE:	ASSUMED IIIIB
BUILDING HEIGHT:	EXISTING 35'
FIRE ALARM SYSTEM:	EXISTING
EMERGENCY LIGHTING:	EXISTING
AUTOMATIC SPRINKLERS:	NONE
AUTOMATIC FIRE DETECTION SYSTEM:	SMOKE ALARMS

BUILDING CODE REQUIREMENTS

ALL WORK SHALL CONFORM TO THE FOLLOWING CODE REGULATIONS AND REQUIREMENTS:

- COMMONWEALTH OF PENNSYLVANIA, DEPARTMENT OF LABOR & INDUSTRY:
- PENNSYLVANIA UNIFORM CONSTRUCTION CODE: 2009 INTERNATIONAL BUILDING CODE, 2012 IBC, CHAPTER 11 AND APPENDIX E, ICC- A1171.1- 2009, AND REFERENCED STANDARDS
 - CITY OF YORK BUILDING ORDINANCE AND ALL REFERENCED REGULATIONS (BUILDING, EXISTING BUILDING, PLUMBING, ELECTRICAL, MECHANICAL, FUEL GAS, PERFORMANCE, RESIDENTIAL, FIRE, ACCESSIBILITY AND ENERGY CODE WHERE APPLICABLE)

MODERNIZATIONS FOR CFP 50115 & 50116

MECHANICAL CONTRACT

AT

JEFFERSON COMMUNITY CENTER

FOR

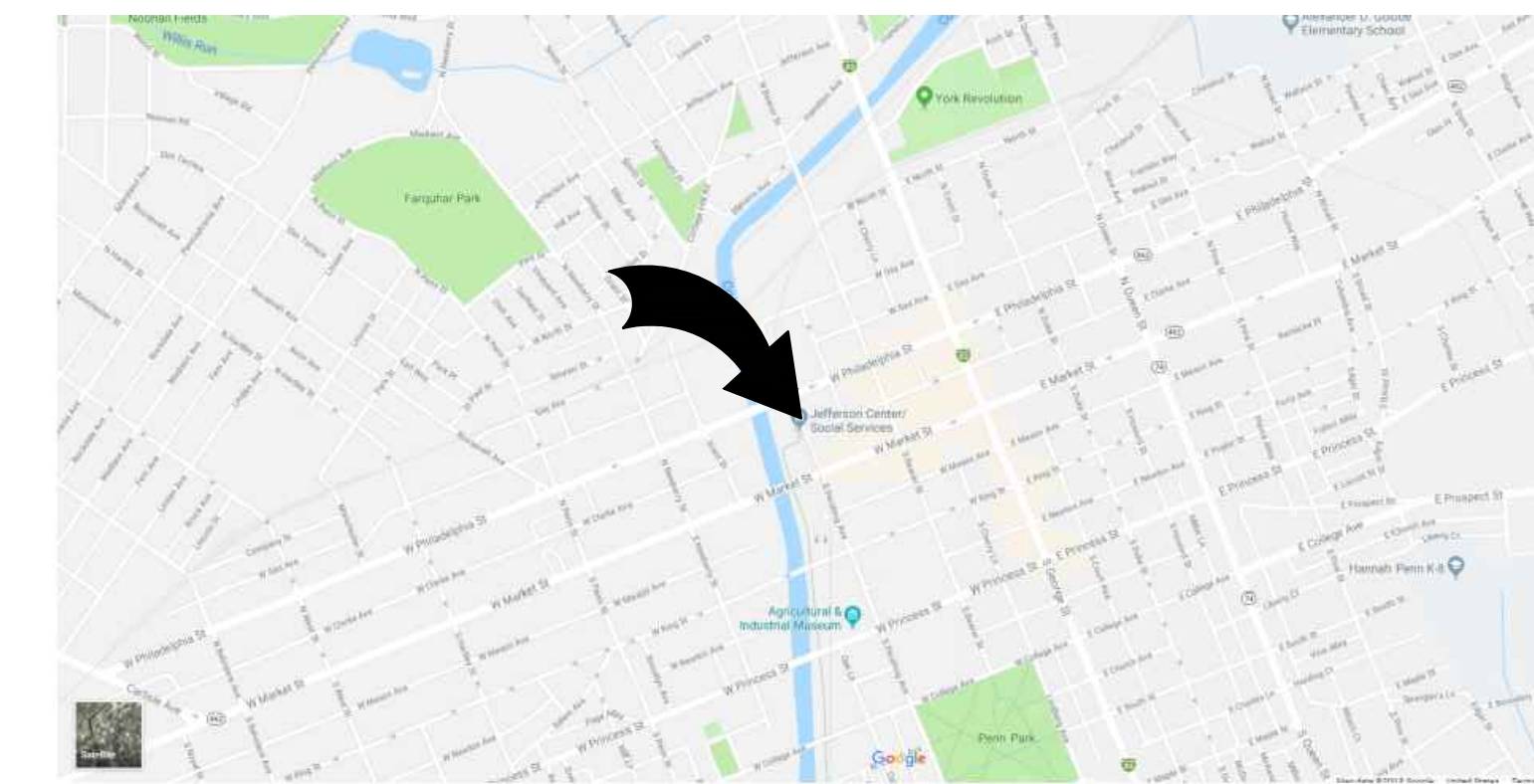
THE HOUSING AUTHORITY OF THE CITY OF YORK

YORK, PA

HAMMEL ASSOCIATES ARCHITECTS, LLC Lancaster, PA

(717) 393.3713 FAX (717) 393.8227
WEB: WWW.HAMMELARCH.COM EMAIL: INFO@HAMMELARCH.COM

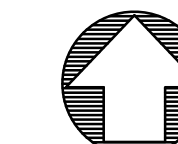
MOORE ENGINEERING COMPANY
MECHANICAL ELECTRICAL, AND PLUMBING ENGINEERS
LANCASTER, PA
(717) 285.3141



YORK, PA

LOCATION MAPS

NOT TO SCALE



ACTUAL NORTH

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND/OR NOTIFICATION.

STAMP

REVISIONS

KEY PLAN

HAMMEL ASSOCIATES ARCHITECTS, LLC

25 East Grant Street, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713 Fax: 393-8227

HOUSING AUTHORITY
OF THE CITY OF YORK

PROJECT DESCRIPTION

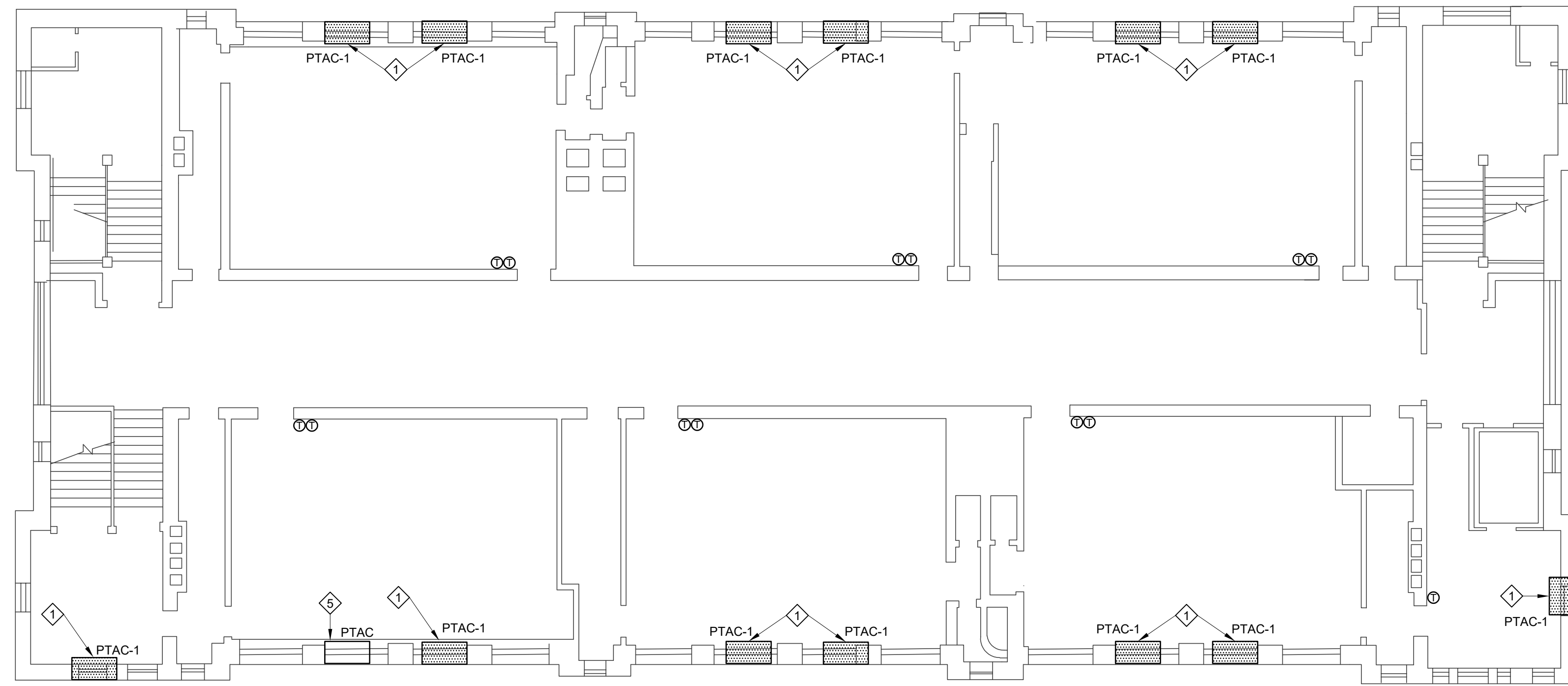
CFP 50117
THE HOUSING AUTHORITY OF THE CITY OF YORK
YORK, PA

SHEET TITLE COVER SHEET

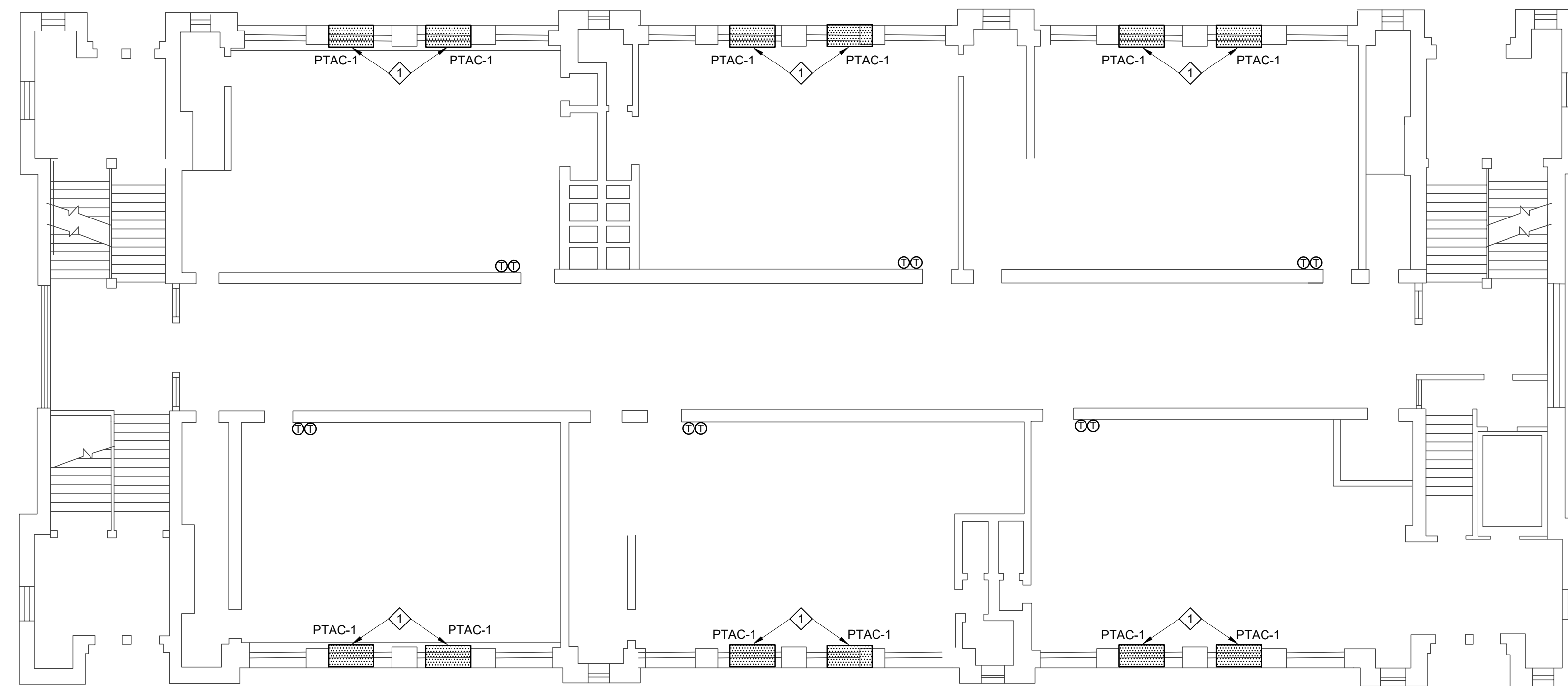
ISSUE DATE 01-12-18 SCALE AS NOTED

FILE NUMBER 1612 DRAWN BY CAD CHECKED BY CAD

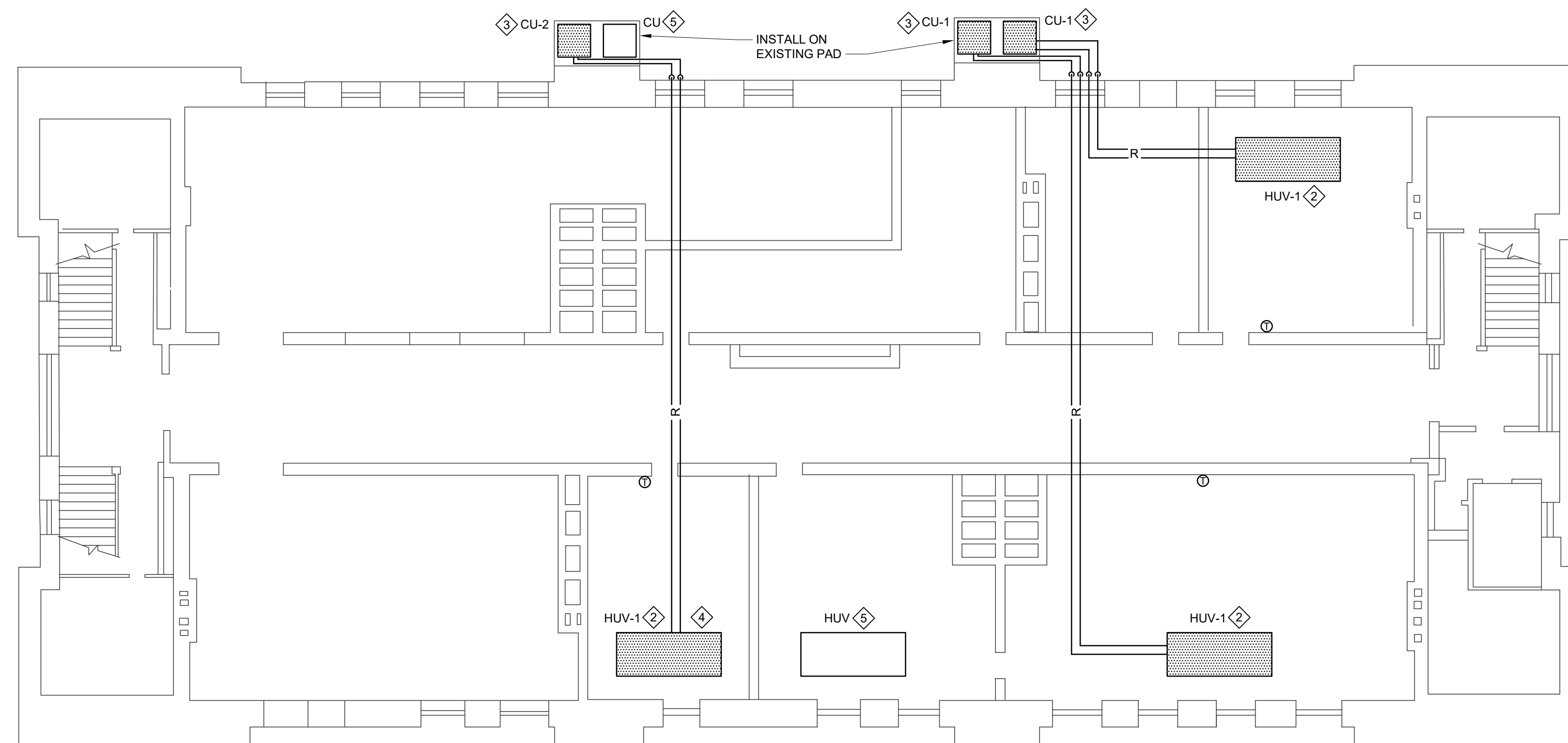
CS1.1



1 JEFFERSON COMMUNITY CENTER SECOND FLOOR
M1.1 3/32" = 1'-0"



2 JEFFERSON COMMUNITY CENTER FIRST FLOOR
M1.1 3/32" = 1'-0"



3 JEFFERSON COMMUNITY CENTER BASEMENT FLOOR
M1.1 3/32" = 1'-0"

NOTES:

- 1 REMOVE EXISTING PTAC, WALL SLEEVE, AND GRILLE AND REPLACE WITH PTAC-1.
- 2 REMOVE EXISTING HORIZONTAL RECESSED UNIT VENTILATOR IN CEILING AND REPLACE WITH NEW. EXTEND EXISTING DUCTWORK AS REQUIRED TO CONNECT TO NEW UNIT AT CEILING. REMOVE ALL EXISTING OUTDOOR AIR DUCTWORK INSULATION AND PROVIDE NEW INSULATION ON ALL EXISTING AND NEW DUCTWORK SERVING UNIT. EXTEND EXISTING CONDENSATE PIPING AS REQUIRED AND CONNECT TO NEW UNIT.
- 3 REMOVE EXISTING CONDENSING UNIT AND ALL ASSOCIATED REFRIGERANT PIPING AND APPURTENANCES AND REPLACE WITH NEW.
- 4 REMOVE EXISTING AIR HANDLER, SUPPORTS, DUCTWORK, DIFFUSERS, REGISTERS, DUCT HEATER, AND ALL ASSOCIATED APPURTENANCES AND REFRIGERANT PIPING. REMOVE ALL EXISTING OUTDOOR AIR DUCTWORK INSULATION AND PROVIDE NEW INSULATION ON ALL EXISTING AND NEW DUCTWORK SERVING UNIT. EXTEND EXISTING DUCTWORK FROM LOUVER AS REQUIRED TO CONNECT TO NEW UNIT AT CEILING. EXTEND EXISTING CONDENSATE PIPING AS REQUIRED AND CONNECT TO NEW UNIT.
- 5 HVAC UNIT WAS RECENTLY REPLACED. UNIT IS NOT TO BE INCLUDED IN THIS PROJECT SCOPE OF WORK.

GENERAL NOTE:

- 1. ALL THERMOSTATS SHOWN ON THE PLANS SHALL BE NEW. ALL NEW HVAC UNITS SHALL HAVE A NEW WALL THERMOSTAT CONTROLLER WITH SELF-CONTAINED CONTROLS NOT TIED INTO ANY BAS SYSTEM.

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

MEC
Moore Engineering Company
3637 Columbia Avenue
Lancaster, PA 17603
P (717) 285-3141
F (717) 285-2443
www.mooreengineering.com

REVISIONS

KEY PLAN

HAMMEL ASSOCIATES ARCHITECTS, LLC

25 East Grant Street, Suite 102, Lancaster, PA 17602 Phone: 717-393-3713 Fax: 393-8227

HOUSING AUTHORITY
OF THE CITY OF YORK

PROJECT DESCRIPTION

CFP 50117
THE HOUSING AUTHORITY OF THE CITY OF YORK
YORK, PA

SHEET TITLE MECHANICAL CONSTRUCTION CONTRACT
JEFFERSON COMMUNITY CENTER HVAC RENOVATIONS

ISSUE DATE 01-12-18 SCALE AS NOTED

FILE NUMBER 1612_16058 DRAWN BY TPW CHECKED BY DJB

M1.1

PACKAGED THRU-WALL AIR CONDITIONERS													
SYMBOL	TOTAL COOLING MBH	CFM HIGH SPEED	O/A	AMB	EAT	UNIT WATTS	VOLTAGE	HEATING CAPACITY					BASIS OF DESIGN MANUFACTURER
								INLET TEMP.	GPM	MBH	AMPS	EER	
PTAC-1	15.1	360	72	95	79/65	1546	208/1Ø	160°F	1.0	13.0	7.1	9.5	COMITALE NATIONAL INC. MODEL PC154D20EA

* PROVIDE CONDENSATE DRAIN KIT TO EXTERIOR, ARCHITECTURAL REAR GRILLE, AND MOTORIZED FRESH AIR DAMPER

UNIT VENTILATOR																	
SYMBOL	UNIT TYPE	TOTAL CFM NOMINAL	MIN. O.A. CFM	HP	VOLTAGE	COOLING CAPACITY				HEATING CAPACITY					UNIT SIZE	REMARKS	
						TOTAL MBH	EAT DB	EAT WB	COIL TYPE	TOTAL MBH	EAT	GPM	EWT	TD			WPD
HUV-1	HORIZONTAL EXPOSED	1025	MATCH EXISTING	1.0	120/1	31.0	80	67	DX	42.3	60°F	1.34	160°F	63.3	0.17'	1000	FRONT DOUBLE DEFLECTION GRILLE DISCHARGE

CONDENSING UNITS										
SYMBOL	CAPACITY MBH	OUTDOOR TEMP	ELECTRICAL					BASIS OF DESIGN		REMARKS
			RLA	MCA	MOP	VOLTS/PH	SEER	MANUFACTURER AND MODEL NO.		
CU-1	31.0	95	12.8	17	25	208/1	14.0	TRANE 4TTR4031L1000A	PROVIDE RAWAL AIR VALVE IN UNIT	
CU-2	18.0	95	9.0	12	20	208/1	14.0	TRANE 4TWR4018G1000A	PROVIDE RAWAL AIR VALVE IN UNIT	

SPLIT SYSTEM HEAT PUMP																
SYMBOL	CFM	TOTAL COOLING MBH	SENSIBLE COOLING MBH	S.P.	O/A MIN CFM	ELECTRIC HEATING					HEATING CAPACITY MBH	MOTORS				REMARKS
						COIL KW	VOLTAGE	MCA	MOP	STAGES		INDOOR FAN	VOLTAGE	FLA	SEER	
AH-1/CU-2	600	18.0	12.3	0.6	MATCH EXISTING	7.2	208/1Ø	46	50	1	21.1	½ HP	208/1	2.0	14.0	TRANE TAM4AOA18

GENERAL NOTES:
(THESE NOTES APPLY TO ALL MECHANICAL DRAWINGS)

- ANY PHYSICAL INSTALLATION MODIFICATIONS DUE TO FIELD CONDITIONS SHALL BE RESOLVED BY THE MECHANICAL CONTRACTOR IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE MECHANICAL ENGINEER.
- THE ENTIRE INSTALLATION SHALL COMPLY WITH ALL CODES, LOCAL, STATE, AND NATIONAL.
- THIS CONTRACTOR SHALL PROVIDE ALL MISCELLANEOUS STEEL AND SUPPORTS TO SUSPEND DUCTWORK AND EQUIPMENT.
- ALL EQUIPMENT SHALL BE INSTALLED WITH VIBRATION ISOLATORS.
- THIS CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, AND EQUIPMENT TO ENSURE A COMPLETE SYSTEM.
- THIS CONTRACTOR SHALL COORDINATE HIS WORK WITH ALL OTHER TRADES.
- THE MECHANICAL CONTRACTOR SHALL SEAL ALL HIS RESPECTIVE WALL AND ROOF PENETRATIONS.
- ALL ROOF OPENINGS AND FLASHINGS SHALL BE PROVIDED BY THE GENERAL CONTRACTOR. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COUNTERFLASHING.
- THE MECHANICAL CONTRACTOR SHALL PAY FOR ALL FEES AND PERMITS AS NECESSARY TO COMPLETE THE INSTALLATION.

MECHANICAL NOTES:
(THESE NOTES APPLY TO ALL MECHANICAL DRAWINGS)

- FOR THE HOT WATER SYSTEM, THE MECHANICAL CONTRACTOR SHALL PROVIDE MANUAL AIR VENTS AT ALL HIGH POINTS IN THE SYSTEM AND AT EACH UNIT AND SHALL PROVIDE DRAINS AT ALL LOW POINTS.
- ALL REFRIGERATION PIPING SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS. PIPE SIZES SHALL BE PER MANUFACTURER'S RECOMMENDATIONS.
- ALL REFRIGERANT PIPING SHALL BE PITCHED A MINIMUM OF 1/2" IN 10' - 0" IN THE DIRECTION OF THE REFRIGERANT FLOW.
- ALL PIPE PENETRATIONS THROUGH CHASES, WALLS, OR FLOORS WHICH ARE FIRE-RATED SHALL BE PROPERLY SEALED TO MAINTAIN FIRE PROTECTION.
- ALL DUCTS THAT PENETRATE CHASES, WALLS, OR FLOORS WHICH ARE FIRE-RATED SHALL BE INSTALLED WITH FIRE DAMPERS IN ACCORDANCE WITH NFPA 90A. THIS APPLIES EVEN IF THEY ARE NOT SPECIFICALLY SHOWN ON THE DRAWINGS.
- PROVIDE AND INSTALL RADIATION DAMPERS ON ALL DIFFUSERS, REGISTERS AND GRILLES THAT PENETRATE CEILINGS WHICH ARE FIRE-RATED OR PART OF A FIRE RATED ASSEMBLY.

DUCTWORK NOTES:
(THESE NOTES APPLY TO ALL MECHANICAL DRAWINGS)

- ALL DUCTWORK SIZES NOTED ARE FREE AREA SIZES.
- TURNING VANES SHALL BE PROVIDED IN ALL DUCT ELBOWS.
- PROVIDE ALL DAMPERS, SPLITTERS, AND EXTRACTORS AS REQUIRED FOR PROPER AIR DISTRIBUTION IN GENERAL ACCORDANCE WITH THE STANDARDS OF THE NATIONAL ENVIRONMENTAL BALANCING BUREAU.
- FURNISH AND INSTALL AS NECESSITATED BY EXISTING CONDITIONS ALL SUPPORT MATERIALS TO INSURE A RIGID INSTALLATION.
- ALL SUPPLY AND RETURN DUCTWORK EXCEPT SPIRAL ROUND DUCTWORK SHALL BE INTERNALLY INSULATED IN ACCORDANCE WITH THE SPECIFICATIONS.
- THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING INSTALLATION OF NEW DIFFUSERS AND REGISTERS WITH SUSPENDED CEILING GRID AND LIGHTING FIXTURES TO BE INSTALLED BY THE GENERAL AND ELECTRICAL CONTRACTORS RESPECTIVELY. CEILING DIFFUSERS AND REGISTERS SHALL BE CENTERED IN GRID SYSTEM.
- LENGTH OF FLEXIBLE DUCT BRANCHES SHALL NOT EXCEED 8' - 0" MAXIMUM. ANY ADDITIONAL LENGTH AS NEEDED FOR INDIVIDUAL CONNECTIONS SHALL BE ACCOMPLISHED WITH ROUND RIGID DUCTWORK.
- FLEXIBLE DUCT WILL NOT BE ACCEPTABLE FOR EXHAUST FAN INSTALLATIONS.
- THE MECHANICAL CONTRACTOR SHALL FURNISH AND INSTALL FLEXIBLE FABRIC CONNECTIONS BETWEEN DUCTWORK AND FANS IN ORDER TO ISOLATE EQUIPMENT AND PREVENT VIBRATION.

CEILING TILE NOTE:
THE CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF EXISTING CEILING TILE AND GRID AND DRYWALL AS REQUIRED FOR HIS WORK AND FOR RE-INSTALLATION OF TILE AND GRID AND DRYWALL AND REPLACEMENT OR REPAIR OF TILE AND GRID DAMAGED BY HIS WORK.

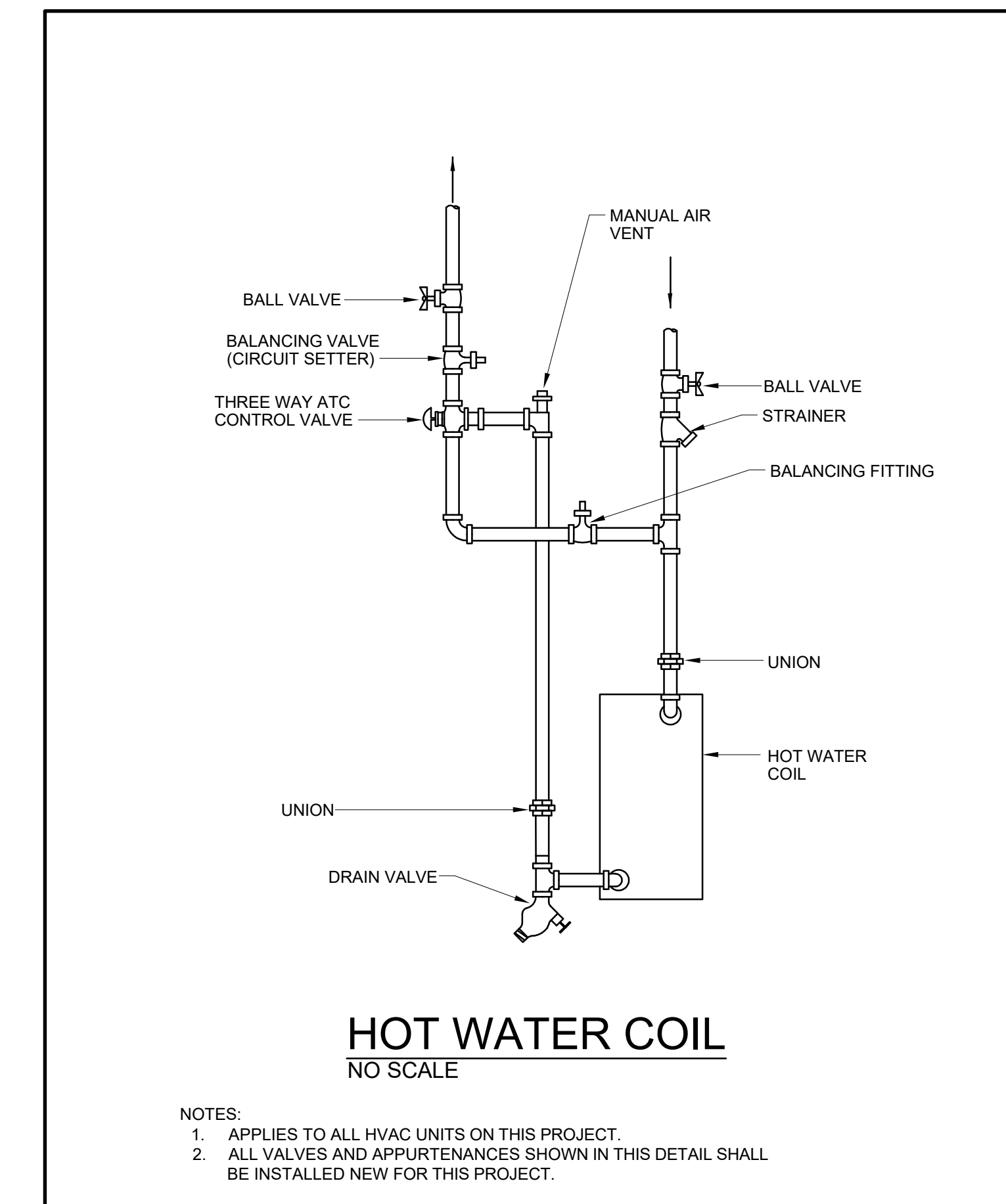
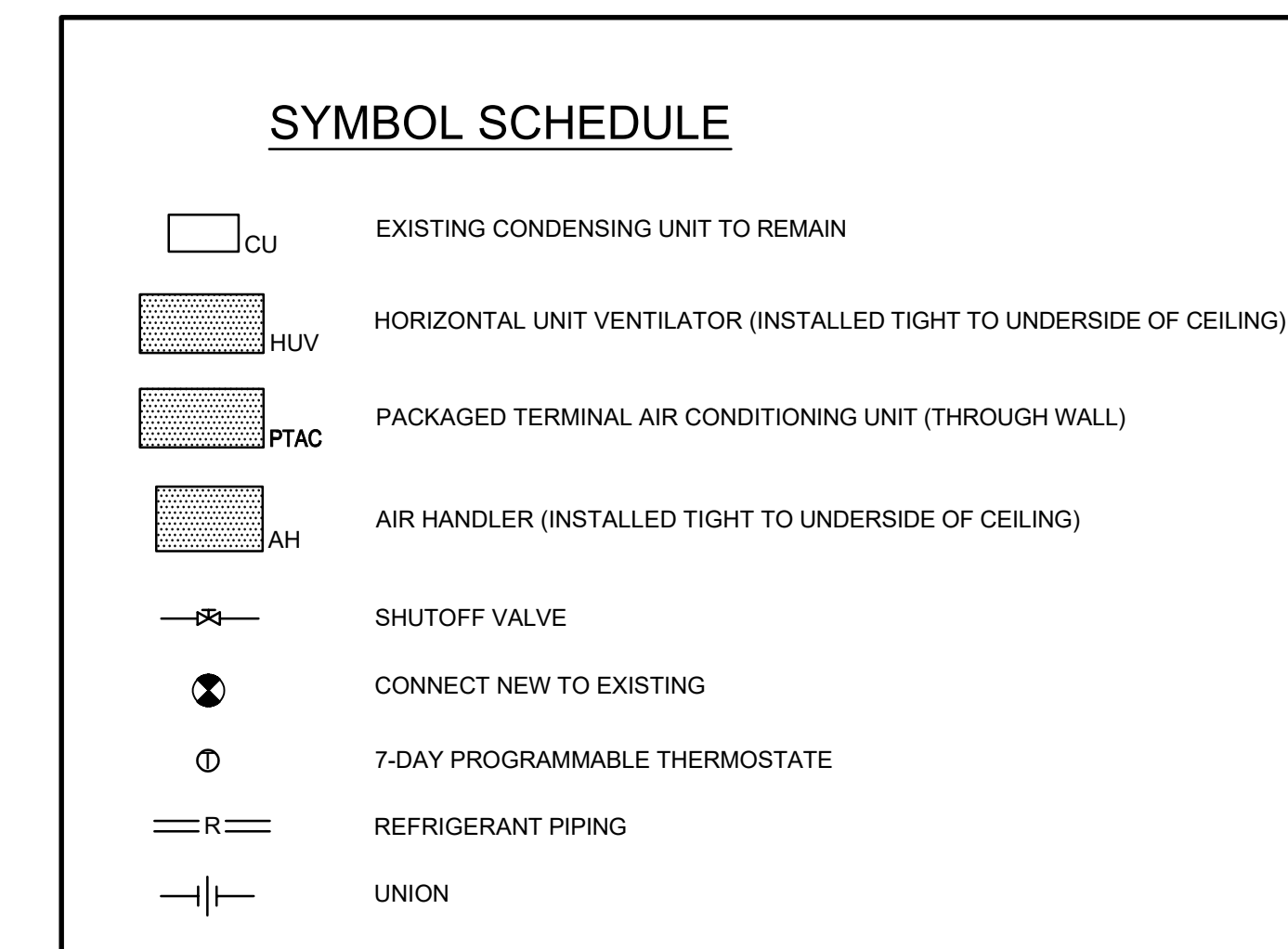
MECHANICAL NOTE:
THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING REQUIRED FOR THE INSTALLATION OF ALL MECHANICAL WORK ON THIS PROJECT. CUTTING AND PATCHING METHODS SHALL CONFORM TO THE REQUIREMENTS OF THE OWNER AND THE ARCHITECT. PATCHES IN FIRE RATED DEMISING WALLS, CEILING OR FLOORS SHALL MAINTAIN THE FIRE RATING OF THOSE BARRIERS BY THE USE OF APPROVED MATERIALS INCLUDING SPECIAL FIRE RATED SEALING COMPOUNDS OR MATERIALS IDENTICAL TO THE BARRIER MATERIALS.

DUCTWORK SIZE NOTE:
DUCTWORK SIZES AND LOCATIONS ARE APPROXIMATE. MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR DUCTWORK SIZE REVISIONS AS REQUIRED TO ACCOMMODATE AVAILABLE SPACE. SIZING SHALL BE BASED ON A MAXIMUM .08" PER 100FT. OF STATIC PRESSURE AND A MAXIMUM 1100 FPM AIR VELOCITY. DUCTWORK SYSTEMS SHALL BE SIZED BASED ON AVAILABLE HVAC FAN CAPACITY.

ASBESTOS NOTE:
IF THE CONTRACTOR FINDS ANY ASBESTOS DURING THIS CONSTRUCTION PROJECT, HE SHALL STOP WORK IMMEDIATELY AND REPORT IT TO THE ENGINEER AND THE OWNER. THE OWNER WILL THEN TAKE CARE OF THE REMOVAL OF THIS ASBESTOS.

DEMOLITION NOTES:
(APPLIES TO ALL DRAWINGS)

- RESPECTIVE CONTRACTOR IS RESPONSIBLE FOR PERFORMING ANY DEMOLITION WORK (EVEN IF NOT SHOWN ON THE PLANS) NECESSARY FOR COMPLETION OF PROJECT. THIS INCLUDES REMOVAL OF ANY EQUIPMENT AND MATERIALS THAT WILL NO LONGER BE UTILIZED AFTER COMPLETION OF THIS PROJECT.
- EQUIPMENT THAT IS REMOVED SHALL BE TURNED OVER TO OWNER. IF OWNER DOES NOT WANT EQUIPMENT, IT SHALL BE DISPOSED OF PROPERLY BY RESPECTIVE CONTRACTOR.
- PRIOR TO ANY PIPING DEMOLITION WORK, CONTRACTOR SHALL BE RESPONSIBLE TO MEASURE AND RECORD EXISTING BALANCING AIR AND WATER FLOW READINGS OF THE EXISTING EQUIPMENT AS REQUIRED TO VERIFY EXISTING SYSTEM PERFORMANCE. ALL OUTSIDE AIR FLOWS AND HOT WATER FLOW RATES SHALL MATCH EXISTING.



ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

MEC
Moore Engineering Company
3637 Columbia Avenue
Lancaster, PA 17603
P (717) 285-3141
F (717) 285-2443
www.mooreengineering.com

REVISIONS

KEY PLAN

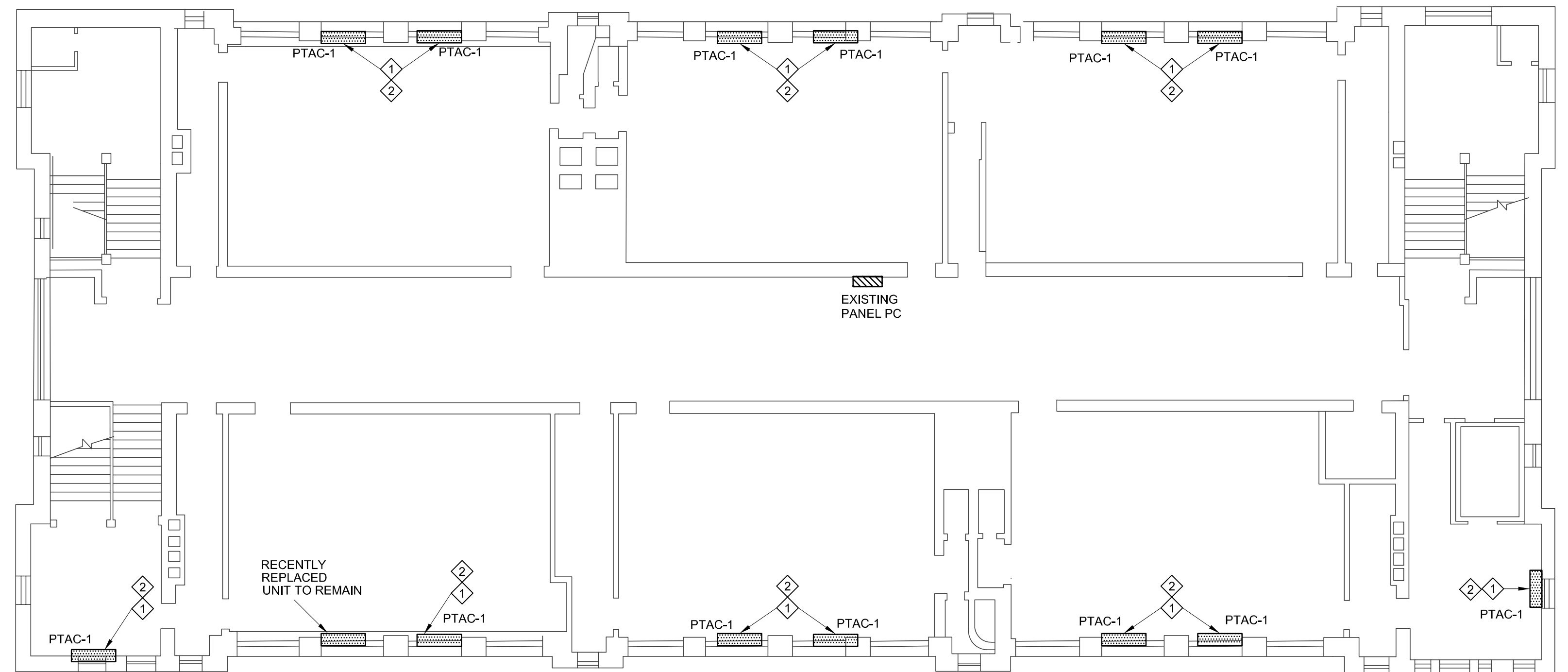
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant Street, Suite 102, Lancaster, PA 17602 Phone: 717-393-3713 Fax: 393-8227

HOUSING AUTHORITY OF THE CITY OF YORK

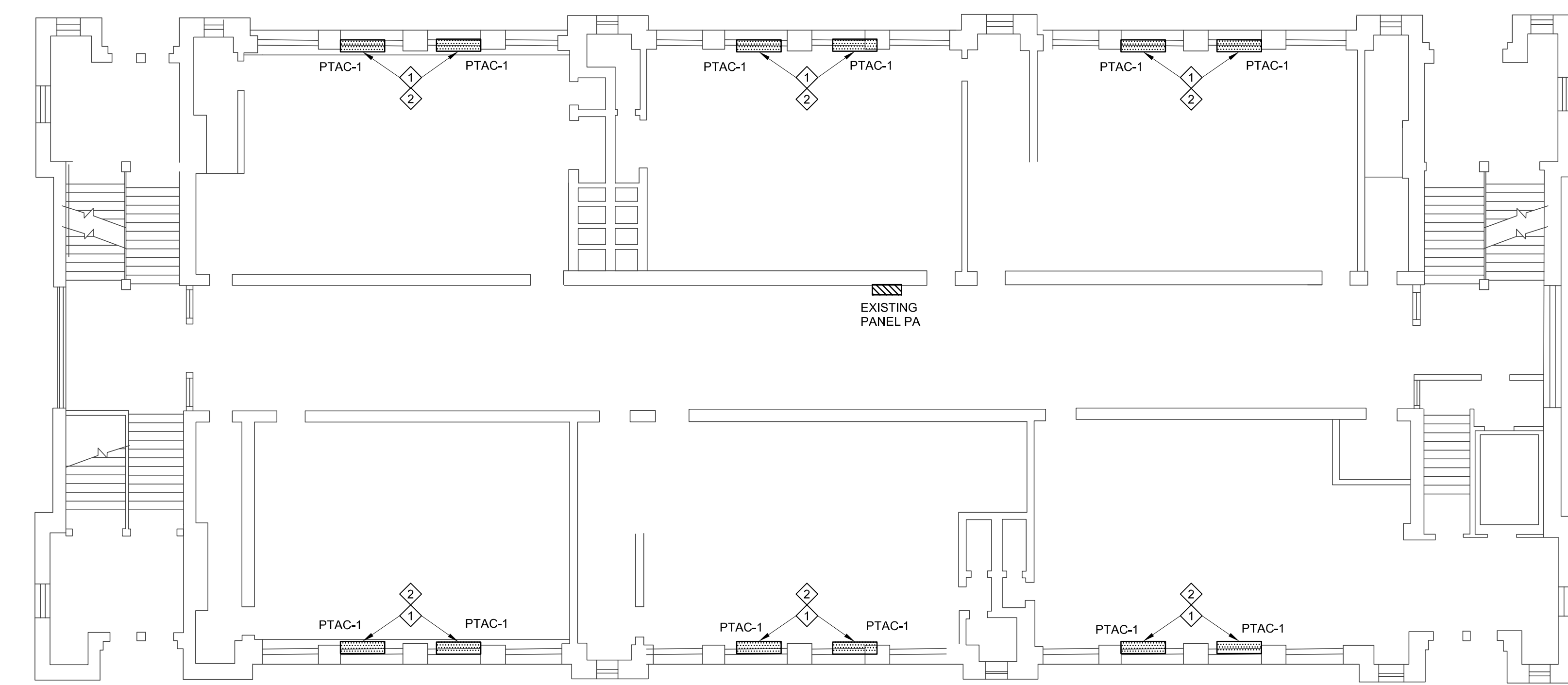
PROJECT DESCRIPTION
CFP 50117
THE HOUSING AUTHORITY OF THE CITY OF YORK
YORK, PA

SHEET TITLE MECHANICAL CONSTRUCTION CONTRACT SCHEDULES, NOTES, AND DETAILS
ISSUE DATE 01-12-18 SCALE AS NOTED
FILE NUMBER 1612_16058 DRAWN BY CHECKED BY

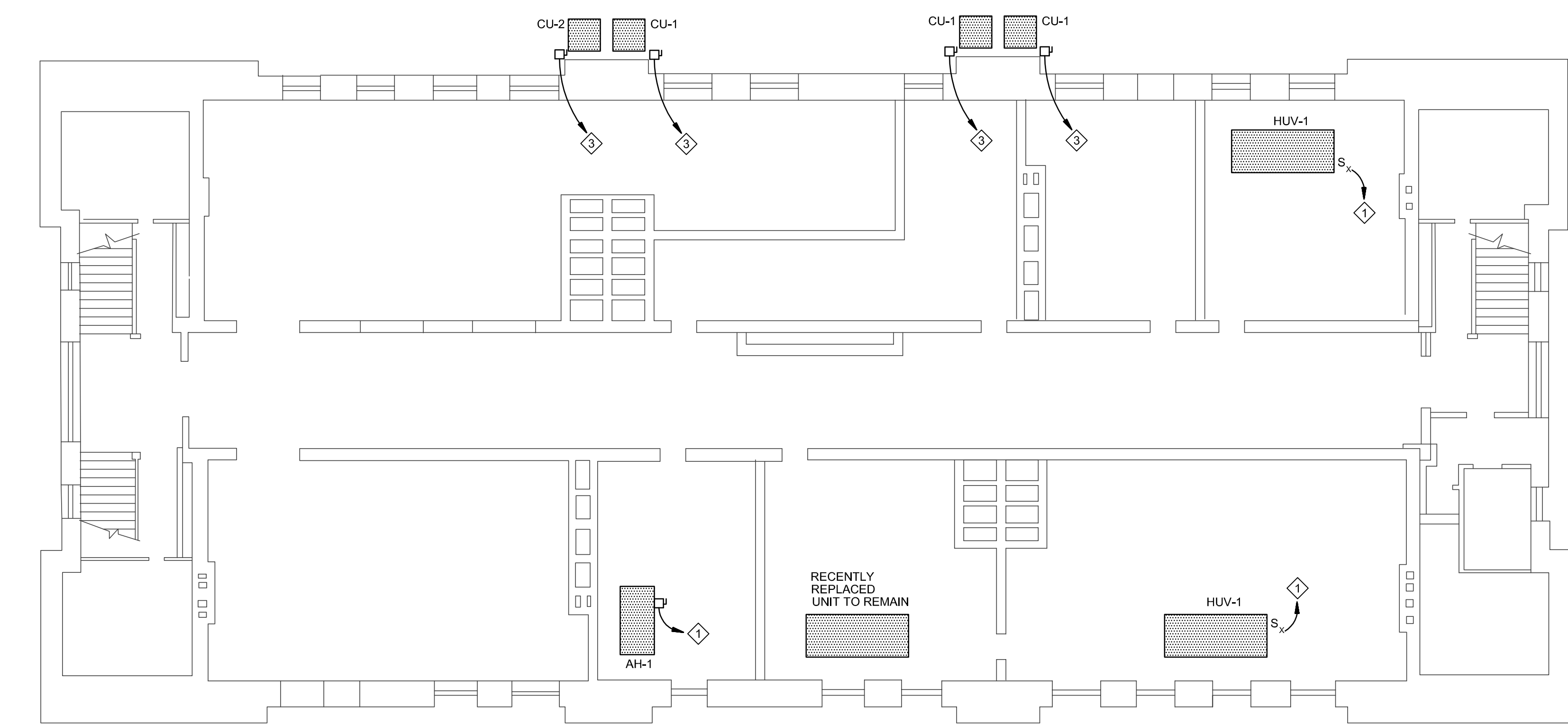
M2.0



1 JEFFERSON COMMUNITY CENTER SECOND FLOOR
E1.1 3/32" = 1'-0"



2 JEFFERSON COMMUNITY CENTER FIRST FLOOR
E1.1 3/32" = 1'-0"



3 JEFFERSON COMMUNITY CENTER BASEMENT
E1.1 3/32" = 1'-0"

- NOTES:**
- 1. CONNECT PTAC UNIT TO EXISTING CIRCUIT.
 - 2. PROVIDE MANUAL MOTOR STARTING SWITCH WITHIN PTAC WIRING COMPARTMENT.
 - 3. CONNECT CONDENSING UNIT TO EXISTING CIRCUIT. RE-USE EXISTING DISCONNECT SWITCH.

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND/OR NOTIFICATION.

MEC
Moore Engineering Company
3637 Columbia Avenue
Lancaster, PA 17603
P (717) 285-3141
F (717) 285-2443
www.mooreengineering.com

REVISIONS

KEY PLAN

HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant Street, Suite 102, Lancaster, PA 17602 Phone: 717-393-3713 Fax: 393-8227

HOUSING AUTHORITY OF THE CITY OF YORK

PROJECT DESCRIPTION
CFP 50117
THE HOUSING AUTHORITY OF THE CITY OF YORK
YORK, PA

SHEET TITLE JEFFERSON COMMUNITY CENTER
PTAC UNIT REPLACEMENTS

ISSUE DATE 01-12-18 SCALE AS NOTED

FILE NUMBER 1612_16058 DRAWN BY TPW CHECKED BY DJB

E1.1