ADDENUM AD 001
DATE 23-Jan-24

CLIENT NAME YWCA Northeast Indiana
PROJECT The Lofts
PROJECT NO. 230495

This Addendum is an addition to the Contract Documents for the above-referenced project issued on **January 11, 2024** and is provided in accordance with the Instructions to Bidders. Please acknowledge receipt of this document by inserting its number in the space provided in the bid form.

LOCATION	DESCRIPTION	ATTACHMENT
Sheet A2.02, floor plan notes	CHANGE: Note 6 to read "SEMI-RECESSED FIRE EXTINGUISHER CABINET, LOCATE NEW CABINET IN SAME LOCATION AS THE REMOVED CABINET	None
Sheet A4.20, EX-C	CHANGE: Remove the notes for the PTAC units located in the curtainwall assembly. The PTAC units have been removed from the curtainwall assembly entirely and these areas will be infilled with GL-3 as shown.	None
Email bidding question	CLARIFICATION: WT1 to extend up full height of walls.	None
Email bidding question	CLARIFICATION: All broadloom carpet that is on the stairs needs to have the edges binded.	None
Email bidding question	CLARIFICATION: For the top of stairs condition where CPT meets LVT, nosing shall be used. Mannington Commercial Step Nosing 580; Color: 701 Black	None
Email bidding question	CLARIFICATION: At the transition between PCT and LVT, use Schluter VINPRO-S in anodized aluminum.	None
Email bidding question	CLARIFICATION: The transition between LVT and CPT is to be Mannington Commercial Fusion Transition Strip; Color: 701 Black	None
Email bidding question	CLARIFICATION: WOC2 to be unbacked and ordered as a rolled good and shall be applied to both tread and riser.	None
Specification 004171 Supplemental Bid Form	On page 1 of the Supplemental Bid Form, contractor is to write in their construction duration in the dark outlined box underneath BASE BID AMOUNT: $ (Written)	None
SCO bidding questions	See the SCO addendum form with all changes and clarifications noted as they relate to MEP questions that were brought up during bidding	SCO Addendum No. 1

Submitted by:
BONA VITA ARCHITECTURE, INC.

Thomas A. Salzer, AIA
Founder/Architect

attachments:
as stated in column above

copies:
Contractor for distribution to all plan holders
MEP Engineer
Structural Engineer

ENGINEERING, LLC

Addendum

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Fort Wayne, IN 46804
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ADDENDUM NO.	Addendum No. 1
DATE:	01/22/2024
PROJECT:	YWCA Northeast Indiana, Inc. YWCA The Lofts
COMMISSION NO.	***SCO*** Engineering, LLC – 232722

The Contractor shall incorporate, into the Contract Documents and into his bid, the following changes and/or clarifications to the Drawings, Specifications and Scope of Work.

SPECIFICATIONS

Section 220523.12 – BALL VALVES FOR PLUMBING PIPING

1. Revise paragraph 2.1., I., 3., as follows:

   "3. Ball Valves: Shall have extended operating handle of non-thermal-conductive materials, protective sleeve that allows operation of valve without breaking the vapor seal or disturbing insulation, and memory stops that are fully adjustable after insulation is applied, Nibco Nib-seal, or equal, handle extensions.

PLUMBING

Drawing P6.01

1. Delete sheet P6.01 in its entirety and insert the new sheet P6.01 dated 01-23-24 into the construction documents. Changes include, but not limited to:

   a. Revise the Domestic Expansion Tank Schedule. Contractor shall provide and install a floor mounted expansion tank like Bell & Gossett model #ST-70VG as scheduled.

MECHANICAL

Drawing M2.01

1. Delete sheet M2.01 in its entirety and insert the new sheet M2.01 dated 01-23-24 into the construction documents. Changes include, but not limited to:

   a. Contractor shall provide and install a horizontal-ducted mini-split unit to be installed in Stair 201 / Corridor 202 as shown on the attached new drawing. Contractor shall provide and install new exposed ductwork to be routed from new AC-5.1 and route for connection to the diffusers and grilles as shown, all diffusers and grilles are to be hard connected to

the ductwork. All exposed ductwork shall be double wall and internally lined with 1”-thick insulation and perforated liner. Contractor shall provide and install now ¾”ø condensate drain piping that is to be routed up above the ceiling and shall tie into the condensate drain piping that is to be routed down within the wall from AC-1.1 located in Bedroom 204E.

Drawing M2.02

1. Delete sheet M2.02 in its entirety and insert the new sheet M2.02 dated 01-23-24 into the construction documents. Changes include, but not limited to:

    a. Provide and install new roof curb and roof mounted air-cooled condensing unit as shown.

Drawing M6.01

1. Delete sheet M6.01in its entirety and insert the new sheet M6.01 dated 01-23-24 into the construction documents. Changes include, but not limited to:

    a. Revise the Mini-Split Air Conditioning/Heat Pump Unit Schedule. Contractor shall provide and install a horizontal-ducted mini-split unit to be installed in Stair 201 / Corridor 202 as scheduled.
    b. Add the Diffuser Schedule to the sheet as shown.

ELECTRICAL

Drawing E3.01

1. Delete sheet E3.01 in its entirety and insert the new sheet E3.01 dated 01-23-24 into the construction documents; for power revisions for mechanical equipment, by others.

Drawing E6.01

1. Delete sheet E6.01 in its entirety and insert the new sheet E6.01 dated 01-23-24 into the construction documents; for revisions to panel schedules.

PLUMBING FIXTURE SCHEDULE

FIXTURE	MFGR	FIXTURE MODEL	TRIM MFGR	TRIM MODEL	TRIM TYPE	PIPE CONNECTIONS W	V	HW	CW	COLOR	REMARKS
WC-1	AMERICAN STANDARD	215AA.004	--	--	FLUSH TANK	3"	2"	--	1/2"	WHITE	1, 2
WC-1H	AMERICAN STANDARD	215AA.004	--	--	FLUSH TANK	3"	2"	--	1/2"	WHITE	1, 2, 3
L-1	AMERICAN STANDARD	476.028	CHICAGO	802-VE.34VPABCP	LEVER HANDLE	1 1/2"	1 1/2"	1/2"	1/2"	WHITE	4, 5, 6
L-1H	AMERICAN STANDARD	476.028	CHICAGO	802-VE.34VPABCP	LEVER HANDLE	1 1/2"	1 1/2"	1/2"	1/2"	WHITE	4, 5, 6, 7
S-1H	ELKAY	LRAD191865PD	T&S BRASS	B-1121-CR	LEVER HANDLE	2"	1 1/2"	1/2"	1/2"	STAINLESS	8, 9
S-2H	ELKAY	LRAD291865PD	T&S BRASS	B-1121-CR	LEVER HANDLE	2"	1 1/2"	1/2"	1/2"	STAINLESS	8, 9, 10
S-3	ELKAY	DLR291810	T&S BRASS	B-1121-CR	LEVER HANDLE	2"	1 1/2"	1/2"	1/2"	STAINLESS	8, 9, 10
SH-1	AQUA BATH	AB6031-34TS	DELTA	T13H232	TUB / SHOWER HEAD	2"	1 1/2"	1/2"	1/2"	WHITE	11, 12
SH-1H	AQUA BATH	C6536TD-OT-FUS-3/4"	DELTA	T17TH335-20	SHOWER HEAD W/HAND SHOWER	2"	1 1/2"	1/2"	1/2"	WHITE	13, 14, 15, 16
CO-1	JOSAM	55000-1-22	----	----	----	----	----	----	----	----	17, 18
CO-2	JOSAM	58900	----	----	----	----	----	----	----	----	17
FD-1	JOSAM	30000-A	----	----	----	----	----	----	----	----	19, 20, 21, 22
MB-1	FIAT	MSB 2424	CHICAGO	897-CRCF	FAUCET	3"	1 1/2"	1/2"	1/2"	WHITE	23
WB-1	IPS CORP	AB1200HA	----	----	----	----	----	----	1/2"	WHITE	23
WB-2	IPS CORP	MB1200HA	----	----	----	2"	----	3/4"	3/4"	WHITE	24, 25

REMARKS:
1. PROVIDE UNIT WITH HEAVY DUTY, ELONGATED PLASTIC SEAT WITH CHECK HINGE.
2. PROVIDE AND INSTALL UNIT WITH 3/8" ANGLE SUPPLY WITH STOPS AND SS BRAIDED SUPPLY LINE.
3. UNIT IS TO BE ADA COMPLIANT, MOUNT RIM AT A MINIMUM OF 16.5" A.F.F.
4. INSTALL SINK WITHIN COUTER TOP AND CAULK AND SEAL FIXTURE WITH MOLD RESISTANT SILICONE SEALANT. COLOR TO BE SELECTED BY ARCHITECT.
5. PROVIDE AND INSTALL WITH 17 GAUGE P-TRAP, BRAIDED STEEL SUPPLY LINES, ANGLE STOPS WITH HANDLES AND ESCUTCHEONS.
6. PROVIDE AND INSTALL UNIT WITH PIPE WRAP KIT EQUAL TO TRUBRO OR PLUMBEREX PRO.
7. UNIT IS TO BE MOUNTED PER ADA GUIDELINES, REFER TO ARCHITECTURAL PLANS FOR MOUNTING HEIGHT.
8. PROVIDE AND INSTALL WITH 8" CENTERS, SATIN STAINLESS STEEL BASKET STRAINER WITH DRAIN ASSEMBLY, 17 GAUGE P-TRAP, AND ANGLE STOPS WITH HANDLES.
9. INSTALL SINK WITHIN COUTER TOP AND CAULK AND SEAL FIXTURE WITH MOLD RESISTANT SILICONE SEALANT. COLOR TO BE SELECTED BY ARCHITECT.
10. PROVIDE AND INSTALL UNIT WITH IN-SINK MODEL BADGER 1 OR EQUIVALENT GARBAGE DISPOSAL.
11. PROVIDE AND INSTALL ONE PIECE TUB/SHOWER UNIT FOR RIGHT OR LEFT HAND DRAIN AS CALLED FOR ON DRAWINGS.
12. PROVIDE AND INSTALL UNIT WITH 1.75 GPM SHOWER HEAD, ASSE 1016 CERTIFIED PRESSURE BALANCING VALVE, TUB DIVERTER SPOUT, DRAIN ASSEMBLIES, AND CURTAIN ROD.
13. PROVIDE AND INSTALL ONE PIECE, ADA COMPLIANT ROLL-IN SHOWER WITH TRENCH DRAIN AND 3/4" REDUCED SKIRT AND 1/2" HIGH THRESHOLD.
14. PROVIDE AND INSTALL UNIT WITH DRAIN ASSEMBLY, FOLD UP SEAT, L-SHAPED GRAB BAR, VERTICAL GRAB BAR, COLLAPSIBLE DAM, CURTAIN ROD, AND SOAP DISH.
15. PROVIDE AND INSTALL WITH THERMOSTATIC MIXING VALVE, DIVERTER VALVE, FIXED HEAD, HAND HELD SHOWER SPRAYER WITH 1.5 GPM FLOW RATE, AND SS HOSE.
16. MOUNT 72" A.F.F. TO TOP OF SLIDE BAR. DIVERTER AND SLIDE BAR TO BE MOUNTED PER THE 2010 ADA GUIDELINES.
17. CLEANOUTS SHALL BE SIZED PER PLANS.
18. PROVIDE AND INSTALL UNIT FOR FINISHED FLOOR, ROUND TOP.
19. FLOOR DRAINS SHALL BE SIZED PER PLANS.
20. PROVIDE AND INSTALL UNIT WITH NIKALOY TOP.
21. PROVIDE AND INSTALL UNIT WITH DEEP SEAL TRAP.
22. PROVIDE AND INSTALL UNIT WITH SURE SEAL, INLINE FLOOR DRAIN TRAP SEAL.
23. UNIT IS TO BE WHITE PVC WITH 1/4 TURN BALL VALVE AND INTEGRAL WATER HAMER ARRESTOR.
24. UNIT IS TO BE WHITE PVC WITH 1/4 TURN BALL VALVES AND INTEGRAL WATER HAMER ARRESTORS.
25. UNIT IS TO BE MULTI-BOX WASHING MACHINE BOX WITH AUXILIARY DRAIN BOX.

TEMPERATURE MIXING VALVE SCHEDULE

TAG	MANUFACTURER	MODEL	UNIT NUMBER	MIN. / MAX FLOW (GPM)	DESIGN FLOW (GPM)	DESIGN PRESS. DROP (PSI)	OUTLET TEMP. (DEG. F)	SERVICE	REMARKS
TMV-1	LAWLER	802	86008	0.5 / .39	.32	10	110	110°F DOMESTIC HOT WATER	1, 2, 3

REMARKS:
1. PROVIDE AND INSTALL UNIT WITH CHECK VALVES ON HOT AND COLD WATER SUPPLY, INTEGRAL OUTLET THERMOMETER AND SHUT-OFF VALVE ON TEMPERED WATER OUTLET.
2. PROVIDE AND INSTALL AN EXPOSED ASSEMBLY WITH ROUGH BRASS FINISH.
3. VALVE SHALL FAIL TO THE COLD SUPPLY.

RECIRCULATION PUMP SCHEDULE

TAG	MANUFACTURER	MODEL	SIZE	FLOW (GPM)	HEAD FT	MAX. RPM	HP	ELECTRICAL (V / PH)	SERVICE	REMARKS
HWRP-1	BELL & GOSSETT	ECOCIRC XL-N	55-45	7	45	4500	1/2	208/1	110°F DOMESTIC HOT WATER	1, 2, 3

REMARKS:
1. PROVIDE AND INSTALL WET ROTOR INLINE PUMP WITH LEAD FREE STAINLESS STEEL BODY TO MEET THE MOST RECEINT FEDERAL" NO LEAD" STANDARD OF NSF 61.
2. PROVIDE AND INSTALL VARIABLE SPEED PUMP WITH ECM MOTOR.
3. PROVIDE AND INSTALL PUMP WITH AQUASTAT, CIRCUIT SETTER, AND ALL CONTROLS FOR CONTROL OF PUMP. COORDINATE INSTALLATION WITH ELECTRICAL CONTRACTOR.

DOMESTIC EXPANSION TANK SCHEDULE

TAG	MANUFACTURER	MODEL	MAX PRESSURE (PSI)	TANK VOL. (GAL)	ACCEPTANCE (GAL)	MOUNTING	INLET SIZE	TYPE	REMARKS
DET-1	BELL & GOSSETT	ST-70VC	67	34	11	FLOOR	3/4"	DIAPHRAGM	1, 2, 3, 4

REMARKS:
1. TANK SHALL BE ASME LABELED FOR 150 PSIG WORKING PRESSURE, 200 DEGREES F MAXIMUM OPERATING TEMPERATURE.
2. TANK SHALL BE SPECIFICALLY DESIGNED FOR POTABLE HOT WATER SYSTEMS.
3. CONTRACTOR TO VERIFY FILL PRESSURE PRIOR TO PLACING EXPANSION TANK INTO OPERATION.
4. PROVIDE SAFETY RELIEF VALVE SIZED FOR THIS TANK.

ELECTRIC WATER HEATER SCHEDULE

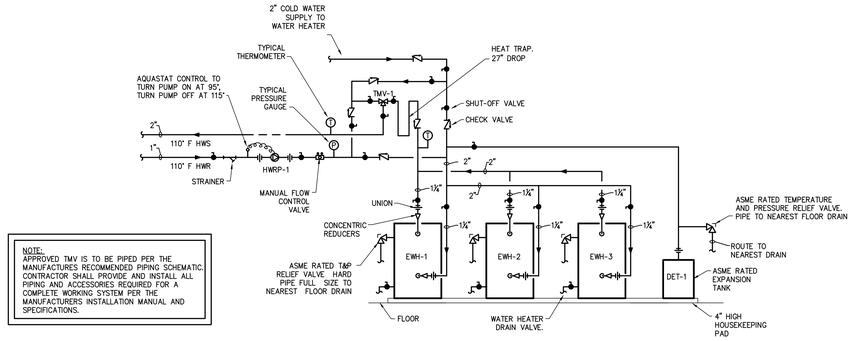
TAG	MANUFACTURER	MODEL	ELEMENT (KW)	GALLON CAPACITY	90 DEG. RISE RECOVERY GPH	ELECTRICAL (V / PH)	LOCATION	REMARKS
EWH-1	LOCHINVAR	LHC-119P24	24.0	120	98	240 / 1 / 60	MECHANICAL W101	1 THRU 3
EWH-2	LOCHINVAR	LHC-119P24	24.0	120	98	240 / 1 / 60	MECHANICAL W101	1 THRU 3
EWH-3	LOCHINVAR	LHC-119P24	24.0	120	98	240 / 1 / 60	MECHANICAL W101	1 THRU 3

REMARKS:
1. PROVIDE AND INSTALL UNIT WITH ASME TEMPERATURE AND PRESSURE RELIEF VALVE.
2. UNIT IS TO BE PROVIDED WITH SIX 4000 WATT, IMMERSION HEATING ELEMENTS AND IS TO BE WIRED FOR SIMULTANEOUS OPERATION.
3. SET INITIAL OUTLET TEMPERATURE TO MAINTAIN 140 DEGREES F.

WATER HAMMER ARRESTOR SCHEDULE

MARK	MANUFACTURE	MODEL #	MAX. FIXTURE UNIT CAPACITY	CONNECTION SIZE	REMARKS
A	SIOUX CHIEF	652-A	1 TO 11	1/2"	1
B	SIOUX CHIEF	653-B	12 TO 32	3/4"	1
C	SIOUX CHIEF	654-C	33 TO 60	1"	1
D	SIOUX CHIEF	655-D	61 TO 113	1 1/4"	1
E	SIOUX CHIEF	656-E	114 TO 154	1 1/2"	1
F	SIOUX CHIEF	657-F	155 TO 330	2"	1

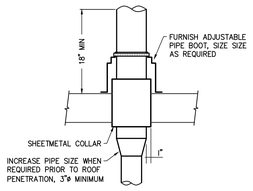
1. PLUMBING CONTRACTOR SHALL INSTALL SHOCK ABSORBER AT EACH WATER LINE SERVING A BANK OF PLUMBING FIXTURES, DOWNSTREAM OF MAIN SHUT-OFF VALVE PER ABOVE SCHEDULE OR AS SHOWN ON DESIGN DRAWINGS. INSTALL AS PER STANDARD PDI-WH 201.



NOTE:
APPROVED TMV IS TO BE PIPED PER THE MANUFACTURES RECOMMENDED PIPING SCHEMATIC. CONTRACTOR SHALL PROVIDE AND INSTALL ALL PIPING AND ACCESSORIES REQUIRED FOR A COMPLETE WORKING SYSTEM PER THE MANUFACTURERS INSTALLATION MANUAL AND SPECIFICATIONS.

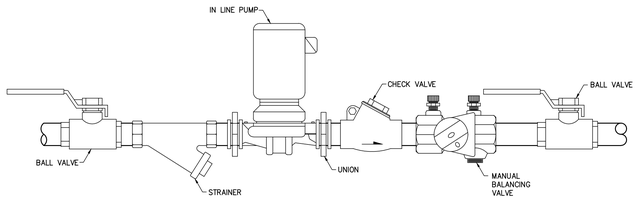
HOT WATER FLOW DIAGRAM

NOT TO SCALE



VENT THRU ROOF

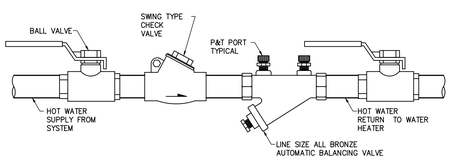
NOT TO SCALE



TYPICAL IN-LINE PUMP DETAIL

NOT TO SCALE

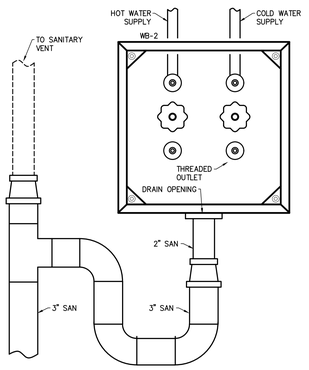
NOTE: ALL PIPING COMPONENTS, FITTINGS, VALVES AND PUMPS SHALL MEET THE MOST RECENT "NO LEAD" CODE.



HOT WATER RETURN BALANCING STATION

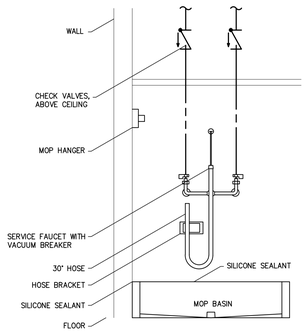
NOT TO SCALE

NOTE: ALL PIPING COMPONENTS, FITTINGS, VALVES SHALL MEET THE MOST RECENT "NO LEAD" CODE.



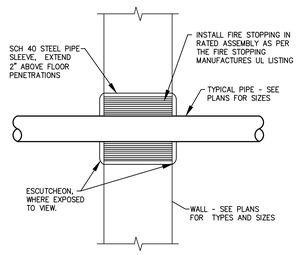
WALL BOX WITH DRAIN DETAIL (WB-2)

NOT TO SCALE



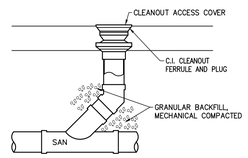
MOP BASIN DETAIL

NOT TO SCALE



TYPICAL PIPING FIRE WALL FLOOR PENETRATION DETAIL

NOT TO SCALE



INTERIOR CLEANOUT DETAIL

NOT TO SCALE

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A Project For:
YWCA Northeast Indiana, Inc.
YWCA The Lofts
1313 W. Washington Center Road, Fort Wayne, IN 46825

eliminating racism
empowering women
ywca
Northeast Indiana

mark	date	description
1	01-23-24	ADDENDUM NO. 1

Project Number 230495 (232722)
Date January 11, 2024
Drawn By BAB
Checked By BAB

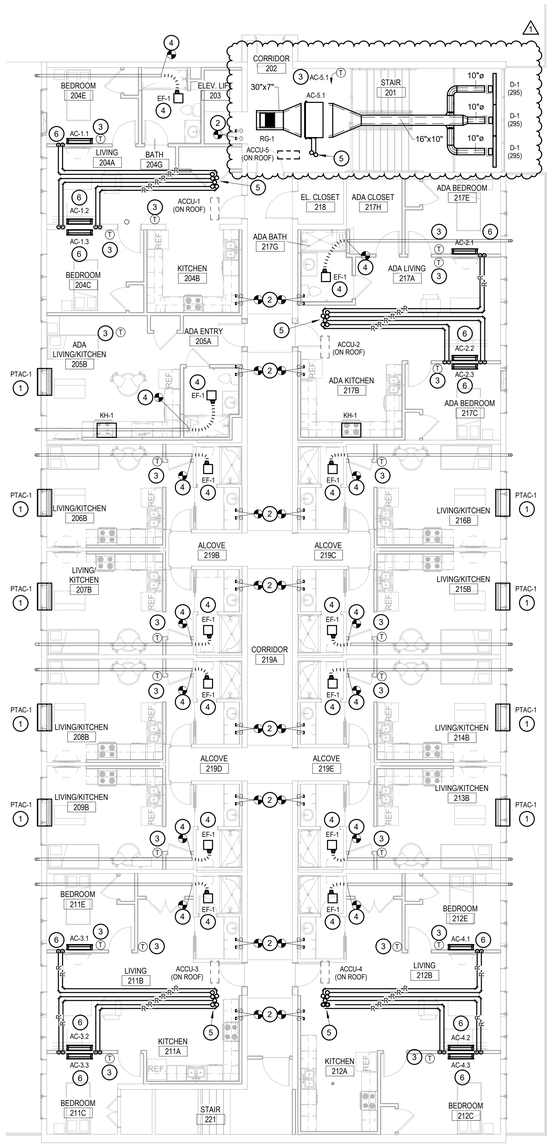
PLUMBING DETAILS AND SCHEDULES

P6.01

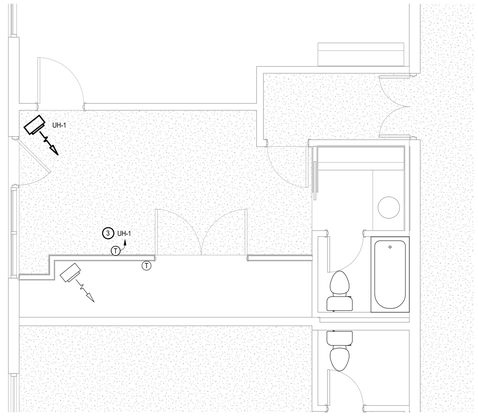
230495 (232722) YWCA The Lofts
10/26/2023 2:26:01 PM
C:\Users\hart\Documents\2722 Mech Central v22_hart@sco-llc.com.rvt
Project Status

MECHANICAL PLAN NOTES

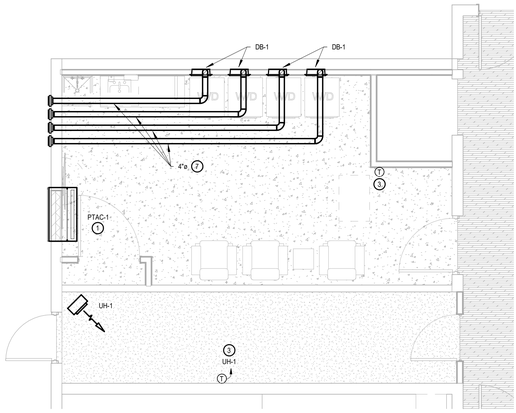
1. CONTRACTOR SHALL PROVIDE AND INSTALL A NEW THROUGH-THE-WALL PACKAGED TERMINAL AIR CONDITIONING UNIT WITHIN THE NEW CURTAIN WALL. MECHANICAL CONTRACTOR SHALL INTALL PTAC UNIT WITH MANUFACTURER PROVIDED SUB-BASE WITH 20 AMP RECEPTICAL FOR LEVELING OF UNIT. COORDINATE ALL WORK WITH GC AND ALL TRADES PRIOR TO THE INITIATION OF ANY WORK.
2. MECHANICAL CONTRACTOR SHALL CAP EXISTING HYDRONIC HOT/CHILLED WATER PIPING UP WITHIN CONCEALED LOCATION AND ABANDON PIPING.
3. PROVIDE AND INSTALL NEW TEMPERATURE SENSOR IN LOCATION SHOWN. MECHANICAL CONTRACTOR SHALL PROVIDE AND INSTALL ALL CONTROL WIRING, RELAYS, AND ACCESSORIES AS REQUIRED FOR A COMPLETE AND FUNCTIONING SYSTEM. WIRING SHALL BE INSTALLED PER ELECTRICAL SPECIFICATIONS.
4. MECHANICAL CONTRACTOR SHALL PROVIDE AND INSTALL A NEW CEILING MOUNTED EXHAUST FAN. CONTRACTOR SHALL TIE-IN NEW EXHAUST DUCT AND ROUTE FOR CONNECTION TO THE NEW FAN.
5. ROUTE REFRIGERANT PIPING UP ABOVE CEILING AT HIGHEST POSSIBLE ELEVATION AND ROUTE REFRIGERANT PIPING UP THROUGH ROOF FOR CONNECTION TO OUTDOOR CONDENSING UNIT. ROUTE REFRIGERANT LINESET THROUGH NEW PATE PCA PIPE PENETRATION CURB. UTILIZE PATE 'BOOTS' TO MAKE WEATHERTIGHT SEALS AROUND PIPES. APPLY 'UV COATING' TO ARMAFLEX INSULATION INSTALLED OUTDOORS. CONTRACTOR SHALL PROVIDE ANY ADDITIONAL REQUIRED REFRIGERANT LINESETS AND REFRIGERANT FOR CONNECTION FROM FAN COIL TO OUTDOOR CONDENSING UNITS AS REQUIRED FOR EXTENDED LENGTHS. INSTALL PIPING PER MANUFACTURERS RECOMMENDATION.
6. PROVIDE AND INSTALL WALL MOUNTED INDOOR SPLIT AC UNIT. ROUTE REFRIGERANT LINES FROM UNIT UP THROUGH WALL AND WITHIN THE JOIST CAVITIES FOR CONNECTION TO CONDENSING UNIT ON ROOF. SIZE REFRIGERANT LINES PER MANUFACTURERS RECOMMENDATIONS. PROVIDE AND INSTALL WALL MOUNTED THERMOSTAT. ROUTE 3/4" CONDENSATE DRAIN PIPING FROM SPLIT SYSTEM A/C UNIT DOWN THROUGH WALL TO FIRST FLOOR AND ROUTE ABOVE CEILING TO EXTERIOR WALL FOR TERMINATION TO THE EXTERIOR. CONTRACTOR SHALL CORE DRILL OPENING FOR CONDENSATE DRAIN FROM THE EXTERIOR SIDE OF THE BUILDING TO PROTECT BRICK FACE FROM PUNCH OUT WHILE INSTALLING PIPING. CONTRACTOR SHALL PROVIDE AND INSTALL CAULKING FOR A WEATHER TIGHT INSTALLATION. ARCHITECT SHALL APPROVE COLOR OF CAULKING. IT IS THE INTENT OF THESE DRAWINGS THAT ALL EXTERIOR TERMINATIONS SHALL BE MOUNTED SYMETRICALLY AND AT THE SAME ELEVATION. COORDINATE WITH ARCHITECT AND GENERAL CONTRACTOR PRIOR TO INSTALLATION.
7. 4" DRYER EXHAUST AIR DUCT TO BE ROUTED FROM DRYER BOX AND IS TO BE ROUTED UP ABOVE CEILING SPACE WITHIN TRUSS SPACE FOR TERMINATION THROUGH SIDEWALL WITH MANUFACTURER RECOMMENDED RAIN CAP. PROVIDE ALL REQUIRED TRANSITIONS AND FITTINGS REQUIRED FOR INSTALLATION. MOUNT TERMINATION KIT AT HIGHEST POSSIBLE ELEVATION AND MAINTAIN REQUIRED CLEARANCES FROM ANY OPERABLE OPENING OR OUTSIDE AIR INTAKE AS REQUIRED BY INTERNATIONAL MECHANICAL CODE, INDIANA MECHANICAL CODE, ALL STATE AND LOCAL CODES, AND UTILITY REGULATIONS. CONTRACTOR SHALL CORE DRILL OPENING FOR EXHAUST DUCT FROM THE EXTERIOR SIDE OF THE BUILDING TO PROTECT BRICK FACE FROM PUNCH OUT WHILE INSTALLING DUCTWORK AND TERMINATION KIT. CONTRACTOR SHALL PROVIDE AND INSTALL CAULKING FOR A WEATHER TIGHT INSTALLATION. ARCHITECT SHALL APPROVE COLOR OF CAULKING. IT IS THE INTENT OF THESE DRAWINGS THAT ALL EXTERIOR TERMINATIONS SHALL BE MOUNTED SYMETRICALLY AND AT THE SAME ELEVATION. COORDINATE WITH ARCHITECT AND GENERAL CONTRACTOR PRIOR TO INSTALLATION.



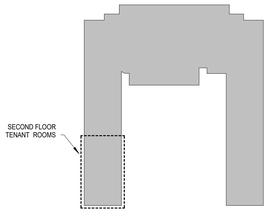
1 Second Floor Mechanical Plan - Overall
north
1/8" = 1'-0"



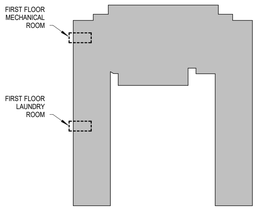
3 Partial First Floor Mechanical Plan - MECH Room
north
1/4" = 1'-0"



2 Partial First Floor Mechanical Plan - Laundry Room
north
1/4" = 1'-0"



KEY PLAN: SECOND FLOOR



KEY PLAN: FIRST FLOOR

BONA VITA
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A Project For:
YWCA Northeast Indiana, Inc.
YWCA The Lofts
1313 W. Washington Center Road, Fort Wayne, IN 46825

eliminating racism
empowering women
ywca
Northeast Indiana

mark	date	description
1	01-022-24	Addendum #1

Project Number	230495 (232722)
Date	December 21, 2023
Drawn By	RHH
Checked By	BAB

First and Second Floor Mechanical Plans

M2.01

230495 (232722) YWCA The Lofts
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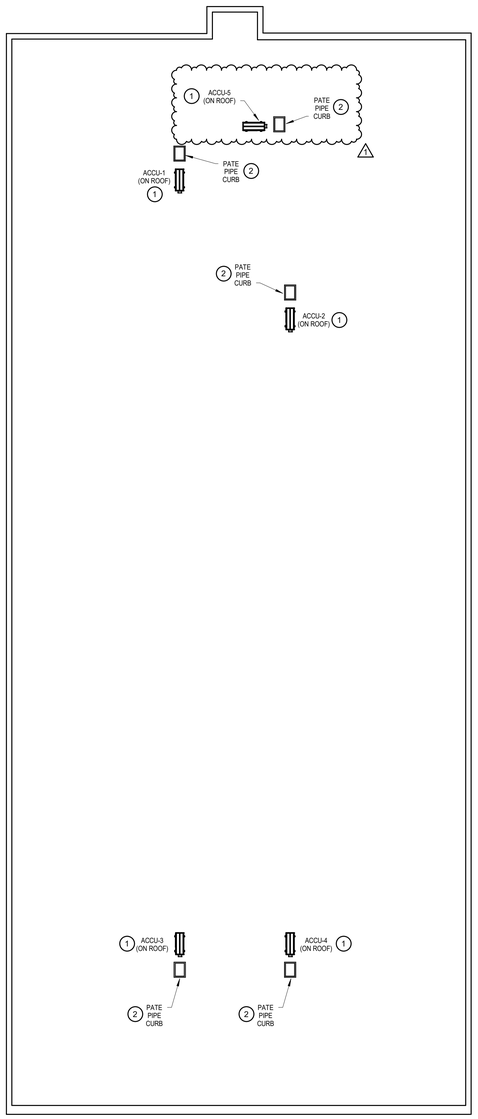
Project Status



north

1 Roof Mechanical Plan - Overall

1/8" = 1'-0"

MECHANICAL PLAN NOTES

1. PROVIDE AND INSTALL ACCU ACCORDING TO MANUFACTURERS REQUIREMENTS. INSTALL CONDENSING UNIT ON EQUIPMENT RAILS EQUAL TO PATE MODEL ES. INSTALL EQUIPMENT RAILS ON ROOF STRUCTURE AND FLASH INTO EXISTING ROOF. PROVIDE WITH STEEL SPRING ISOLATORS. ALLOW CLEARANCES FROM BUILDING STRUCTURE AS REQUIRED BY MANUFACTURER. COORDINATE LOCATION OF CONDENSING UNIT WITH WORK OF OTHER TRADES.
2. ROUTE REFRIGERANT LINESET THROUGH NEW PATE PCA PIPE PENETRATION CURB FOR CONNECTION TO MECHANICAL EQUIPMENT BELOW. UTILIZE PATE 'BOOTS' TO MAKE WEATHERTIGHT SEALS AROUND PIPES. APPLY 'UV COATING' TO ARMAFLEX INSULATION INSTALLED OUTDOORS. INSTALL PIPING PER MANUFACTURERS RECOMMENDATION.

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Checked By	BAB

Roof Mechanical Plan

M2.02

230495 (232722) YWCA The Lofts
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Project Status

DIFFUSER SCHEDULE

TAG	MFG	MODEL	NECK	FACE	PATT	MAX CFM	MAX PD (TOTAL)	MAX NC	THROW (FEET)	MATERIAL	REMARKS
D-1	TITUS	TBD-80	10"	48" x 10"	1.5" WIDE, 4 SLOT	310	0.08	25	21	STEEL	2, 3, 4, 5
RG-1	TITUS	23RL	22" x 22"	32" x 10"	45° FIXED DEF.	775	0.07	20	-	STEEL	1, 2

REMARKS:
1. PROVIDE ALL NECESSARY TRIM AND BORDERS FOR INSTALLATION INTO CEILING TYPES AND WALLS. REFER TO ARCHITECTURAL DRAWINGS FOR ROOM FINISHES.
2. PROVIDE AND INSTALL DUCT TRANSITION FITTINGS AS REQUIRED FOR CONNECTION TO DIFFUSERS AND GRILLES.
3. DIFFUSERS ARE TO BE HARD CONNECTED TO DUCTWORK AND RIGIDLY SUPPORTED FROM THE BUILDING STRUCTURE ABOVE.
4. PROVIDE PLENUM DIFFUSER WITH OPTIONAL INTERNAL INSULATION. PROVIDE AND INSTALL INSULATION ON END CAPS.
5. CUSTOM COLOR TO BE SELECTED BY ARCHITECT.

MINI-SPLIT AIR CONDITIONING / HEAT PUMP UNIT SCHEDULE

TAG	MFG	INDOOR UNIT MODEL	OUTDOOR UNIT MODEL	COOLING CAPACITY @ 95 DEG. F BTUH	COOLING CAPACITY @ 95 DEG. F SEER	HEATING CAPACITY @ 47 DEG. F, BTUH	HEATING CAPACITY @ 17 DEG. F, BTUH	AIR FLOW CFM	MCA	MOCP	ELECTRIC V / PH / Hz	LOCATION	REMARKS
AC-1.1	MITSUBISHI	NTXWS1106B112AA	-	6,000	-	7,200	-	300	-	-		BEDROOM 204E	1, 2, 3, 4,
AC-1.2	MITSUBISHI	NTXWS1128B112AA	-	12,000	-	14,400	-	380	-	-	-	LIVING 204A	1, 2, 3, 4,
AC-1.3	MITSUBISHI	NTXWS1106B112AA	-	6,000	-	7,200	-	300	-	-	-	BEDROOM 204C	1, 2, 3, 4,
ACOU-1	MITSUBISHI	-	NTXMPH24A132CA	23,600	19.0	30,600	25,000	-	31.5	40	208/1/60	ROOF	5, 6, 7, 8, 9
AC-2.1	MITSUBISHI	NTXWS1106B112AA	-	6,000	-	7,200	-	300	-	-	-	BEDROOM 217E	1, 2, 3, 4,
AC-2.2	MITSUBISHI	NTXWS1128B112AA	-	12,000	-	14,400	-	380	-	-	-	LIVING 217A	1, 2, 3, 4,
AC-2.3	MITSUBISHI	NTXWS1106B112AA	-	6,000	-	7,200	-	300	-	-	-	BEDROOM 217C	1, 2, 3, 4,
ACOU-2	MITSUBISHI	-	NTXMPH24A132CA	23,600	19.0	30,600	25,000	-	31.5	40	208/1/60	ROOF	5, 6, 7, 8, 9
AC-3.1	MITSUBISHI	NTXWS1106B112AA	-	6,000	-	7,200	-	300	-	-	-	BEDROOM 211E	1, 2, 3, 4,
AC-3.2	MITSUBISHI	NTXWS1128B112AA	-	12,000	-	14,400	-	380	-	-	-	LIVING 211A	1, 2, 3, 4,
AC-3.3	MITSUBISHI	NTXWS1106B112AA	-	6,000	-	7,200	-	300	-	-	-	BEDROOM 211C	1, 2, 3, 4,
ACOU-3	MITSUBISHI	-	NTXMPH24A132CA	23,600	19.0	30,600	25,000	-	31.5	40	208/1/60	ROOF	5, 6, 7, 8, 9
AC-4.1	MITSUBISHI	NTXWS1106B112AA	-	6,000	-	7,200	-	300	-	-	-	BEDROOM 212E	1, 2, 3, 4,
AC-4.2	MITSUBISHI	NTXWS1128B112AA	-	12,000	-	14,400	-	380	-	-	-	LIVING 212A	1, 2, 3, 4,
AC-4.3	MITSUBISHI	NTXWS1106B112AA	-	6,000	-	7,200	-	300	-	-	-	BEDROOM 212C	1, 2, 3, 4,
ACOU-4	MITSUBISHI	-	NTXMPH24A132CA	23,600	19.0	30,600	25,000	-	31.5	40	208/1/60	ROOF	5, 6, 7, 8, 9
AC-5.1	MITSUBISHI	PEAD-A30AA8		30,000	17.4	32,000	21,000	880	-	-		STAIR 201/CORRIDOR 202	2, 4, 9, 10
ACOU-5	MITSUBISHI	-	SUZ-KA30NAHZ	-	-	-	-	-	24	40	208/1/60	ROOF	7, 8, 11

REMARKS:
1. PROVIDE AND INSTALL WALL MOUNTED, INDOOR UNIT THAT IS TO BE POWERED FROM THE OUTDOOR UNIT WITH POWER FAILURE AUTOMATIC RESTART, AUTOMATIC CHANGE OVER, AND DISCONNECT SWITCH FOR INDOOR UNIT.
2. PROVIDE AND INSTALL UNIT WITH CONDENSATE REMOVAL PUMP LIKE BLUE DIAMOND (ADVANCED) MINI CONDENSATE PUMP W/ RESERVOIR LIKE MODEL #XB7-721 AND CONDENSATE DRAIN PAN LEVEL SENSOR/CONTROL FOR CONDENSATE REMOVAL.
3. PROVIDE AND INSTALL ADDITIONAL CONTROL CABLE AS REQUIRED TO BE INSTALLED BETWEEN THE CONDENSATE PUMP AND RESEVOIR FOR CONDENSATE PUMP CONTROL.
4. PROVIDE AND INSTALL WITH WHITE PVC "LINE HIDE" CONDUIT SYSTEM TO CONCEAL ALL PIPING/WIRING IN EXPOSED LOCATIONS.
5. PROVIDE AND INSTALL UNIT WITH WALL MOUNTED, REMOTE WIRED THERMOSTAT LIKE MODEL #TAC-YT53CRAU-J. SYSTEM CONTROL INTERFACE LIKE MODEL #MAC-334IF-E, AND ALL REQUIRED ACCESSORIES AND INTERCONNECTING WIRING.
6. PROVIDE AND INSTALL OUTDOOR MULTI-ZONE HEAT PUMP UNIT WITH VARIABLE SPEED INVERTER-DRIVEN COMPRESSOR, HYPER-HEATING PERFORMANCE, BUILT-IN BASE PAN HEATER, FAN MOTOR OVERHEATING/VOLTAGE PROTECTION, COMPRESSOR OVERCURRENT DETECTION, COMPRESSOR THERMAL PROTECTION, HIGH-PRESSURE PROTECTION, AND ALL DEVICES AND INTERLOCK WIRING REQUIRED FOR CONNECTION BETWEEN THE OUTDOOR AND INDOOR UNIT.
7. PROVIDE AND INSTALL UNIT WITH OPTIONAL AIR OUTLET GRILLE FOR LOW AMBIENT OPERATION AND 18" TALL OUTDOOR UNIT STAND.
8. ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL A DISCONNECT SWITCH FOR THE OUTDOOR UNIT. COORDINATE INSTALLATION LOCATION PRIOR TO THE INITIATION OF ANY WORK.
9. PROVIDE AND INSTALL INSULATED REFRIGERATION LINESET SIZED PER MANUFACTURERS RECOMMENDATIONS. INSULATION IS TO BE 1/2" THICK, EPDM LIKE ARMAFLEX UT SOLAR EPDM CLOSED CELL INSULATION.
10. PROVIDE AND INSTALL UNIT WITH ALL REQUIRED TRANSFORMERS, WIRING, MOUNTING ACCESSORIES AND HARDWARE, AND ACCESSORIES AS REQUIRED FOR A FULLY FUNCTIONING SYSTEM.
11. PROVIDE AND INSTALL HORIZONTAL-DUCTED INDOOR UNIT THAT IS TO BE POWERED FROM THE OUTDOOR UNIT WITH POWER FAILURE AUTOMATIC RESTART, AUTOMATIC CHANGE OVER, CONDENSATE DRAIN PAN LEVEL SENSOR/CONTROL, A AND DISCONNECT SWITCH FOR INDOOR UNIT,
12. PROVIDE AND INSTALL OUTDOOR UNIT WITH VARIABLE SPEED INVERTER DRIVEN COMPRESSOR, THREE POLE DISCONNECT SWITCH, ALL DEVICES AND INTERLOCK WIRING, AND ADVANCED WIND BAFFLE FOR LOW AMBIENT OPERATION.

PACKAGED TERMINAL AIR CONDITIONER SCHEDULE

TAG	MFG	MODEL	BLOWER AIR FLOW MAX (CFM)	BLOWER OUTSIDE AIR (CFM)	COOLING CAPACITY MBH	COOLING AMBIENT TEMP. F.	COOLING EER	HEATING HEAT PUMP CAP. (KW)	HEATING AUX ELEC. HEAT (KW)	STAGES	MCA	MOP	ELECT. V / PH	REMARKS
PTAC-1	COMFORT-AIRE	PTHP12F130A	620	50	11.8	95°	10.6	10.5	3	1	7.3	20	208 / 1	1, 2

REMARKS:
1. PROVIDE AND INSTALL UNIT WITH WASHABLE FILTER, WALL SLEEVE, ARCHITECTURAL ALUMINUM GRILLE, SUBBASE WITH 20 AMP RECEPTICAL, WIRED WALL STAT, AND 20S-230V NEMA 6-20P CORD WITH PLUG.
2. FIELD VERIFY WALL SLEEVE PRIOR TO PURCHASE OF UNIT.

EXHAUST/VENTILATION FAN SCHEDULE

TAG	MFG	MODEL	CFM	SP	HP	WATTS	RPM	SONES	ELECT	OPERATION	AREA SERVED	REMARKS
EF-1	SOLER & PALAU	PCD110XP	110	0.5"	0.05	37.29	900	0.3	115/1	LIGHT SWITCH BY E.C.	1 & 2 BEDROOM UNIT RR's	1, 2, 3

REMARKS:
1. PROVIDE MULTI-SPEED, ENERGY STAR RATED FAN WITH HIGH/LOW SPEED DELAY TIMER.
2. PROVIDE UNIT WITH INTERNAL MOUNTED SPEED CONTROL, DISCONNECT SWITCH, HUMIDITY SENSOR, ADJUSTABLE TIME DELAY, AND AUTO FLO FEATURE, AND BACKDRAFT DAMPER.
3. PROVIDE WITH ALL REQUIRED MOUNTING HARDWARE FOR INSTALATION INTO CEILING. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.

UNIT HEATER SCHEDULE

TAG	MFG	MODEL	TYPE	KW	MBH	CFM	ELECT	AMPS	LOCATION	REMARKS
UH-1	QMARK	MUH0321-PRO+	SUSPENDED - VERTICAL DOWN FLOW	3	10.2	350	208 / 1	11	MECHANICAL W101	1, 2, 3

REMARKS:
1. PROVIDE WALL MOUNTED THERMOSTAT LIKE BERKO MODEL #M601W, LOW VOLTAGE CONTROL TRANSFORMER, AND ACCESSORIES FOR A FULLY FUNCTIONING SYSTEM.
2. PROVIDE AND INSTALL UNIT WITH 2-SPEED FAN SELECTOR SWITCH, AUTOMATIC THERMAL CUTOUT, NON-FUSED DISCONNECT SWITCH.
3. PROVIDE AND INSTALL WITH MANUFACTURER SUPPLIED CEILING/WALL MOUNTING BRACKETS AND HARDWARE.

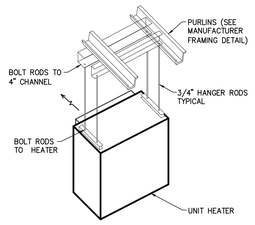
MECHANICAL EQUIPMENT

TAG: KH-1
TYPE: KITCHEN EXHAUST HOOD
MFR: BROAN
MODEL: 41000 SERIES UNDER-CABINET
SIZE: L / W / H = 30" / 17.5" / 6"
ELECT: 120 / 1 (HARDWIRED)

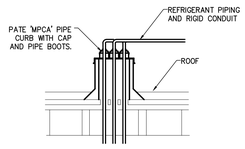
REMARKS: PROVIDE AND INSTALL TWO-SPEED, NON-DUCTED RANGE HOOD.
PROVIDE WITH TWO-SPEED FAN SWITCH AND SPERATE LIGHT SWITCH ON FACE OF HOOD.
PROVIDE UNIT WITH REMOVABLE COMBINATION GREASE/CHARCOAL FILTER.
ARCHITECT TO SELECT COLOR FROM MANUFACTURERS FULL LINE OF STANDARD COLORS.

TAG: DB-1
TYPE: METAL DRYER BOX
MFR: GUY GRAY
MODEL: DB350

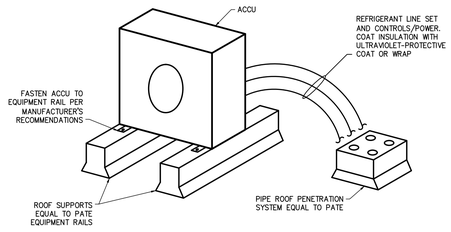
REMARKS: PROVIDE AND INSTALL 22 GAUGE, ALUMINIZED STEEL DRYER BOX TO BE MOUNTED AT A MINIMUM ELEVATION OF 3'-0" A.F.F.



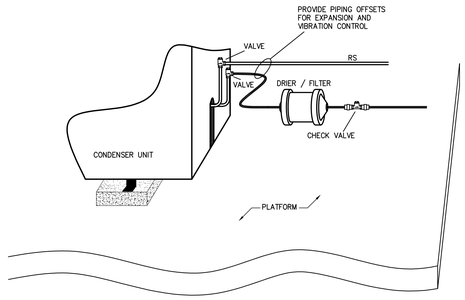
UNIT HEATER & HANGER DETAIL
NOT TO SCALE (VERIFY HANGER DETAIL W/ MANUFACTURERS DETAILS)



ROOF PIPING PENETRATION CURB DETAIL
NOT TO SCALE



ACCU INSTALLATION DETAIL
NOT TO SCALE



REFRIGERANT PIPING DETAIL
NOT TO SCALE

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mark	date	description
1	01-23-24	ADDENDUM NO. 1

Project Number	230495 (232722)
Date	January 11, 2024
Drawn By	RHH
Checked By	BAB

MECHANICAL DETAILS AND SCHEDULES

M6.01

230495 (232722) YWCA The Lofts
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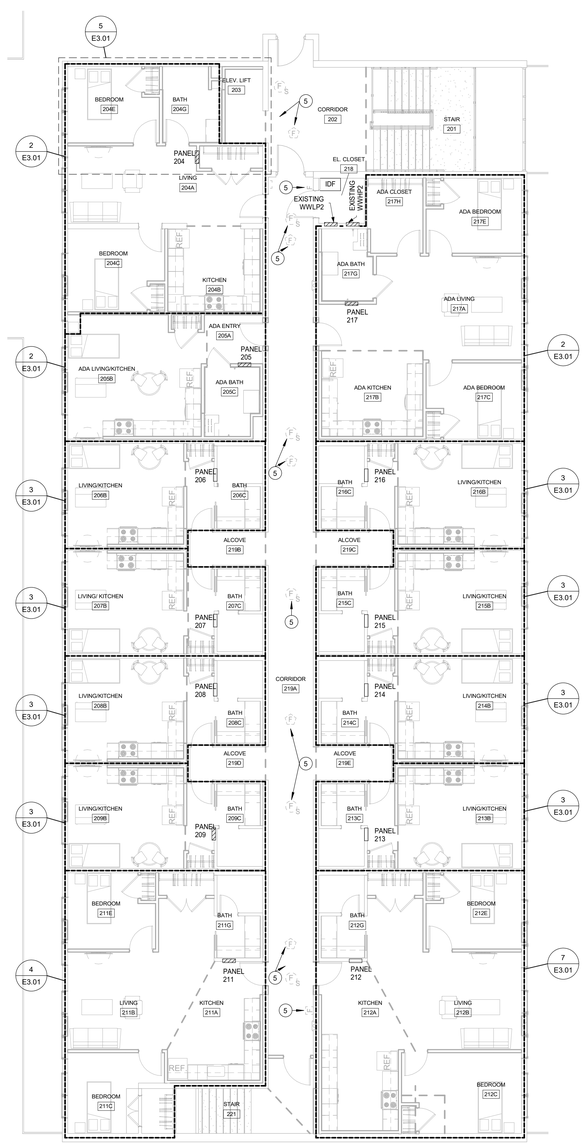
Project Status

PROVIDE AND INSTALL NEW FIRE ALARM DEVICES AS INDICATED ON DRAWINGS. DEVICES SHALL MATCH EXISTING MANUFACTURER. PROVIDE AND INSTALL ALL REQUIRED NEW INITIATION AND SIGNAL CIRCUITS. PROVIDE SHOP DRAWINGS FOR ALL DEVICES AND FIRE ALARM CIRCUITS. RE-PROGRAM AND RE-CERTIFY FIRE ALARM TO MEET ALL NATIONAL, STATE, AND LOCAL CODES FOR A COMPLETE AND FUNCTIONAL SYSTEM. COORDINATE ALL WORK WITH GENERAL CONTRACTOR.

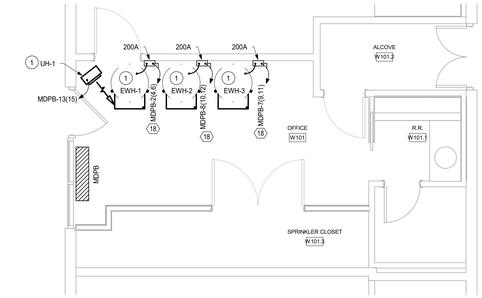
THE ELECTRICAL CONTRACTOR IS TO COORDINATE ALL EXACT REQUIREMENTS WITH THE ELEVATOR INSTALLER PRIOR TO BID AND INCLUDE IN HIS BID ALL REQUIRED DEVICES, COMPONENTS, DISCONNECTS, FIRE ALARM DEVICES, CONTACTS, ETC., AS REQUIRED FOR A COMPLETELY FUNCTIONAL, CODE COMPLIANT INSTALLATION.

ELECTRICAL PLAN NOTES

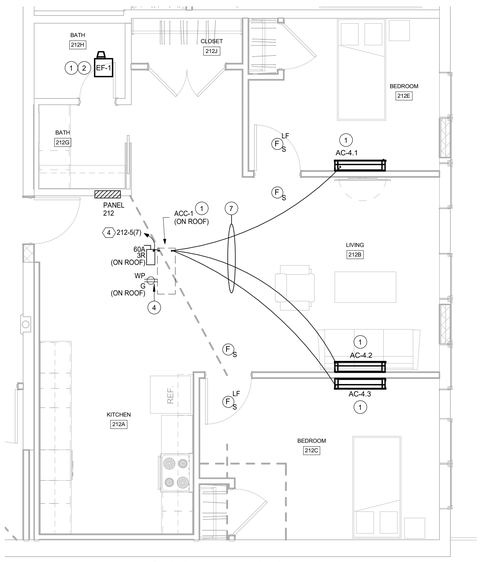
1. EQUIPMENT IS PROVIDED AND INSTALLED BY ANOTHER CONTRACTOR. ELECTRICAL CONTRACTOR SHALL REFER TO ARCHITECTURAL, CIVIL, STRUCTURAL, MECHANICAL, AND PLUMBING DRAWING SHEETS TO COORDINATE THE EXACT LOCATION OF EQUIPMENT WITH EQUIPMENT PROVIDER. ELECTRICAL CONTRACTOR SHALL TERMINATE EQUIPMENT AS REQUIRED. WHERE NO STARTERS, DISCONNECTS, OR SWITCHES ARE INDICATED, THEY WILL BE FACTORY MOUNTED AND LOAD-SIDE WIRED.
2. REFER TO SHEET E2.01 FOR MORE DETAILS.
3. ELECTRICAL CONTRACTOR SHALL TERMINATE 3/4"C, 2-#10, 1-#12G FROM ACCU-5 TO AC-5.1. COORDINATE ALL WORK WITH GENERAL CONTRACTOR FOR A COMPLETE AND FUNCTIONAL SYSTEM.
4. TERMINATE TO RECEPTABLE CIRCUIT SERVICING LIVING ROOM.
5. EXISTING FIRE ALARM DEVICES PER PHASE-1 DOCUMENTS, TYPICAL.
6. SMOKE DETECTOR WITH CONTROL MODULE BASE SHALL BE INTEGRATED WITH ELEVATOR CONTROLLER SUCH THAT UPON FIRE ALARM SYSTEM ACTIVATION, ELEVATOR TRAVELS TO PREDETERMINED FLOOR.
7. 3/4"C, 2-#12, 1-#12G TERMINATED FOR A COMPLETE AND FUNCTIONAL SYSTEM.



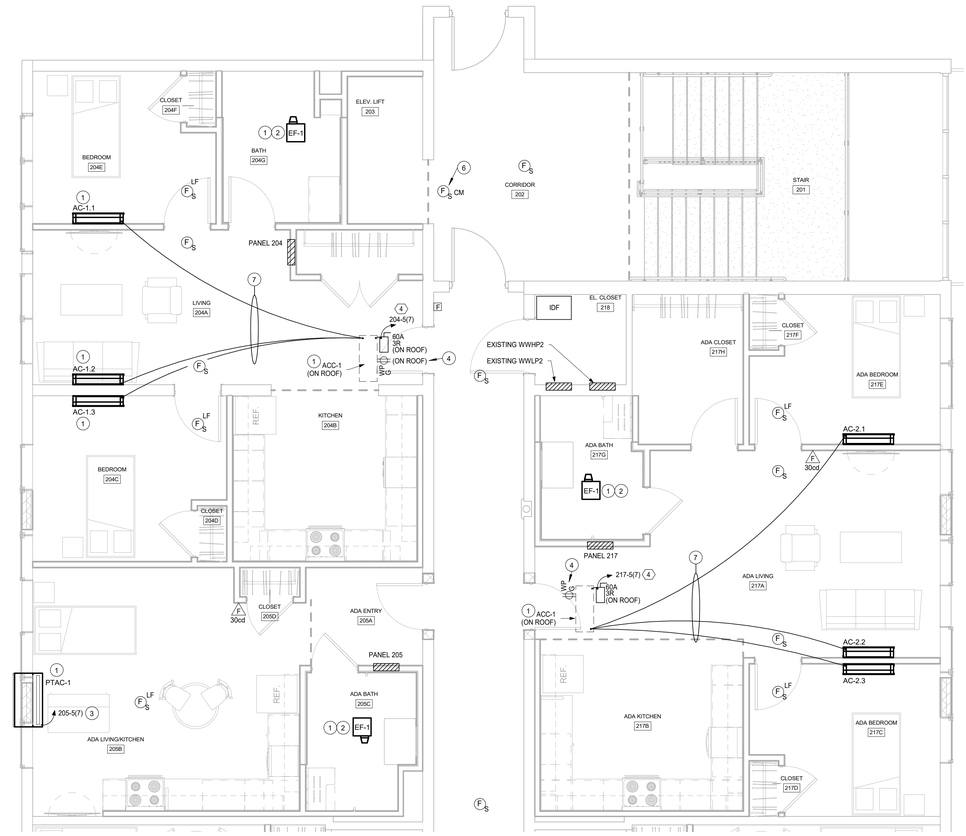
1 Second Floor Electrical Systems Plan - Overall
north
1/8" = 1'-0"



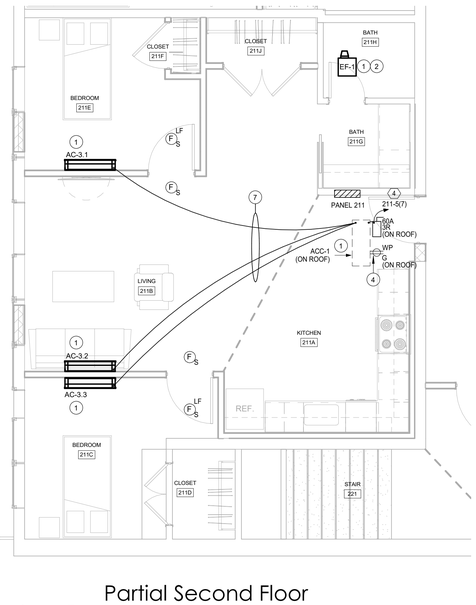
6 Partial First Floor Electrical Systems Plan - Mechanical Room
north
1/4" = 1'-0"



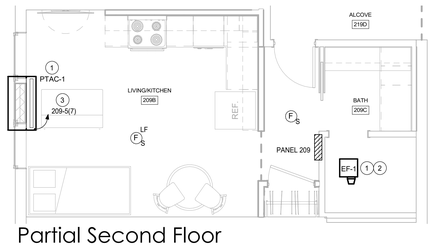
7 Partial Second Floor Electrical Systems Plan - Room 212
north
1/4" = 1'-0"



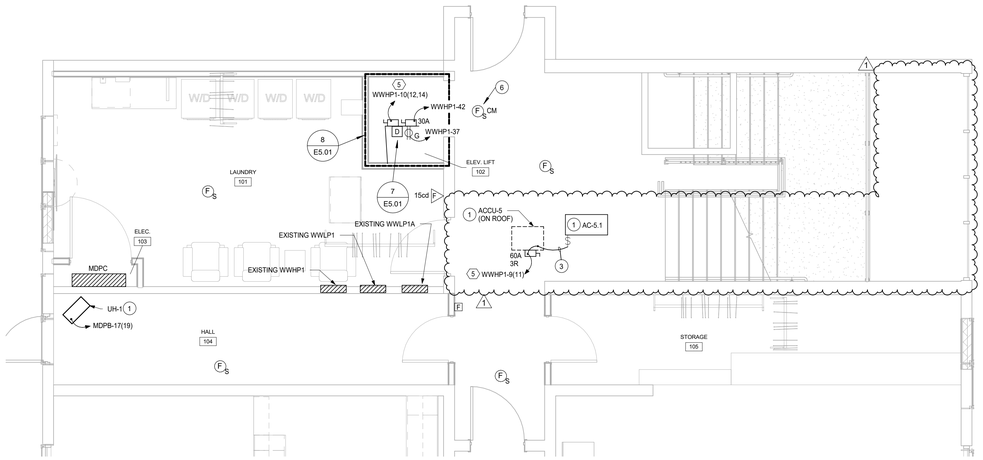
2 Partial Second Floor Electrical Systems Plan - ADA Rooms
north
1/4" = 1'-0"



4 Partial Second Floor Electrical Systems Plan - Room 211
north
1/4" = 1'-0"



3 Partial Second Floor Electrical Systems Plan - Typ. Single Room
north
1/4" = 1'-0"



5 Partial First Floor Electrical Systems Plan - Laundry Room
north
1/4" = 1'-0"

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1	01.23.24	Addendum #01

Project Number	230495(232722)
Date	January 11, 2024
Drawn By	SJB
Checked By	TPO

Second Floor Electrical Systems Plan

E3.01

230495(232722) YWCA The Lofts
12/27/2024 4:45:59 PM
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Project Status

PANEL: 208 | TYPE: NQ | MOUNT: FLUSH | REMARKS: | VOLTAGE: 208/120V, 1PH, 3W | MLO: 125A | AIC: 16K

CKT NO.	BREAKER SIZE	LOAD DESCRIPTION	PHASE A (KVA)	PHASE B (KVA)	LOAD DESCRIPTION	BREAKER SIZE	CKT NO.
1	50A/2P	RANGE	4.80				
3				4.80	SPARE	20A/1P	2
5	20A/2P	PTAC	1.20				
7			0.40		APPLIANCES	20A/1P	4
9	20A/1P	MICROWAVE	0.40	1.20	SPARE	20A/1P	6
11	20A/1P	REFRIGERATOR	0.20		DISPOSAL	20A/1P	8
13	20A/1P	LTS: BATHROOM	0.12	0.40	DISHWASHER	20A/1P	10
15	20A/1P	LTS: BEDROOM	1.00				
17	20A/1P	SPARE		0.20	R: BEDROOM	20A/1P	12
				0.80	R: LIVING/BED	20A/1P	14
					SPARE	20A/1P	16
							18

PANEL: 207 | TYPE: NQ | MOUNT: FLUSH | REMARKS: | VOLTAGE: 208/120V, 1PH, 3W | MLO: 125A | AIC: 16K

CKT NO.	BREAKER SIZE	LOAD DESCRIPTION	PHASE A (KVA)	PHASE B (KVA)	LOAD DESCRIPTION	BREAKER SIZE	CKT NO.
1	50A/2P	RANGE	4.80				
3				4.80	SPARE	20A/1P	2
5	20A/2P	PTAC	1.20				
7			0.40		APPLIANCES	20A/1P	4
9	20A/1P	MICROWAVE	0.40	1.20	SPARE	20A/1P	6
11	20A/1P	REFRIGERATOR	0.20		DISPOSAL	20A/1P	8
13	20A/1P	LTS: BATHROOM	0.12	0.40	DISHWASHER	20A/1P	10
15	20A/1P	LTS: BEDROOM	1.00				
17	20A/1P	SPARE		0.20	R: BEDROOM	20A/1P	12
				0.80	R: LIVING/BED	20A/1P	14
					SPARE	20A/1P	16
							18

PANEL: 206 | TYPE: NQ | MOUNT: FLUSH | REMARKS: | VOLTAGE: 208/120V, 1PH, 3W | MLO: 125A | AIC: 16K

CKT NO.	BREAKER SIZE	LOAD DESCRIPTION	PHASE A (KVA)	PHASE B (KVA)	LOAD DESCRIPTION	BREAKER SIZE	CKT NO.
1	50A/2P	RANGE	4.80				
3				4.80	SPARE	20A/1P	2
5	20A/2P	PTAC	1.20				
7			0.40		APPLIANCES	20A/1P	4
9	20A/1P	MICROWAVE	0.40	1.20	SPARE	20A/1P	6
11	20A/1P	REFRIGERATOR	0.20		DISPOSAL	20A/1P	8
13	20A/1P	LTS: BATHROOM	0.12	0.40	DISHWASHER	20A/1P	10
15	20A/1P	LTS: BEDROOM	1.00				
17	20A/1P	SPARE		0.20	R: BEDROOM	20A/1P	12
				0.80	R: LIVING/BED	20A/1P	14
					SPARE	20A/1P	16
							18

PANEL: 205 | TYPE: NQ | MOUNT: FLUSH | REMARKS: | VOLTAGE: 208/120V, 1PH, 3W | MLO: 125A | AIC: 16K

CKT NO.	BREAKER SIZE	LOAD DESCRIPTION	PHASE A (KVA)	PHASE B (KVA)	LOAD DESCRIPTION	BREAKER SIZE	CKT NO.
1	50A/2P	RANGE	4.80				
3				4.80	SPARE	20A/1P	2
5	20A/2P	PTAC	1.20				
7			0.40		APPLIANCES	20A/1P	4
9	20A/1P	MICROWAVE	0.40	1.20	SPARE	20A/1P	6
11	20A/1P	REFRIGERATOR	0.20		DISPOSAL	20A/1P	8
13	20A/1P	LTS: BATHROOM	0.12	0.40	DISHWASHER	20A/1P	10
15	20A/1P	LTS: BEDROOM	1.00				
17	20A/1P	SPARE		0.20	R: BEDROOM	20A/1P	12
				0.80	R: LIVING/BED	20A/1P	14
					HOOD	20A/1P	16
							18

PANEL: 204 | TYPE: NQ | MOUNT: FLUSH | REMARKS: | VOLTAGE: 208/120V, 1PH, 3W | MLO: 125A | AIC: 16K

CKT NO.	BREAKER SIZE	LOAD DESCRIPTION	PHASE A (KVA)	PHASE B (KVA)	LOAD DESCRIPTION	BREAKER SIZE	CKT NO.
1	50A/2P	RANGE	4.80				
3				4.80	SPARE	20A/1P	2
5	40A/2P	ACCU-1	3.30				
7			0.80		APPLIANCES	20A/1P	4
9	20A/1P	MICROWAVE	0.40	3.30	SPARE	20A/1P	6
11	20A/1P	REFRIGERATOR	0.20	0.60	APPLIANCES	20A/1P	8
13	20A/1P	LTS: BATHROOM	0.12	0.40	DISPOSAL	20A/1P	10
15	20A/1P	LTS: BEDROOM	1.00				
17	20A/1P	SPARE		0.20	DISHWASHER	20A/1P	12
				0.80	R: BEDROOM	20A/1P	14
				1.00	R: LIVING/BED	20A/1P	16
			1.20		R: LIVING	20A/1P	18

PANEL: 214 | TYPE: NQ | MOUNT: FLUSH | REMARKS: | VOLTAGE: 208/120V, 1PH, 3W | MLO: 125A | AIC: 16K

CKT NO.	BREAKER SIZE	LOAD DESCRIPTION	PHASE A (KVA)	PHASE B (KVA)	LOAD DESCRIPTION	BREAKER SIZE	CKT NO.
1	50A/2P	RANGE	4.80				
3				4.80	SPARE	20A/1P	2
5	20A/2P	PTAC	1.20				
7			0.40		APPLIANCES	20A/1P	4
9	20A/1P	MICROWAVE	0.40	1.20	SPARE	20A/1P	6
11	20A/1P	REFRIGERATOR	0.20		DISPOSAL	20A/1P	8
13	20A/1P	LTS: BATHROOM	0.12	0.40	DISHWASHER	20A/1P	10
15	20A/1P	LTS: BEDROOM	1.00				
17	20A/1P	SPARE		0.20	R: BEDROOM	20A/1P	12
				0.80	R: LIVING/BED	20A/1P	14
					SPARE	20A/1P	16
							18

PANEL: 213 | TYPE: NQ | MOUNT: FLUSH | REMARKS: | VOLTAGE: 208/120V, 1PH, 3W | MLO: 125A | AIC: 16K

CKT NO.	BREAKER SIZE	LOAD DESCRIPTION	PHASE A (KVA)	PHASE B (KVA)	LOAD DESCRIPTION	BREAKER SIZE	CKT NO.
1	50A/2P	RANGE	4.80				
3				4.80	SPARE	20A/1P	2
5	20A/2P	PTAC	1.20				
7			0.40		APPLIANCES	20A/1P	4
9	20A/1P	MICROWAVE	0.40	1.20	SPARE	20A/1P	6
11	20A/1P	REFRIGERATOR	0.20		DISPOSAL	20A/1P	8
13	20A/1P	LTS: BATHROOM	0.12	0.40	DISHWASHER	20A/1P	10
15	20A/1P	LTS: BEDROOM	1.00				
17	20A/1P	SPARE		0.20	R: BEDROOM	20A/1P	12
				0.80	R: LIVING/BED	20A/1P	14
					SPARE	20A/1P	16
							18

PANEL: 212 | TYPE: NQ | MOUNT: FLUSH | REMARKS: | VOLTAGE: 208/120V, 1PH, 3W | MLO: 125A | AIC: 16K

CKT NO.	BREAKER SIZE	LOAD DESCRIPTION	PHASE A (KVA)	PHASE B (KVA)	LOAD DESCRIPTION	BREAKER SIZE	CKT NO.
1	50A/2P	RANGE	4.80				
3				4.80	SPARE	20A/1P	2
5	40A/2P	ACCU-1	3.78				
7			0.40		APPLIANCES	20A/1P	4
9	20A/1P	MICROWAVE	0.40	3.78	APPLIANCES	20A/1P	6
11	20A/1P	REFRIGERATOR	0.20	0.60	APPLIANCES	20A/1P	8
13	20A/1P	LTS: BATHROOM	0.20	0.40	DISPOSAL	20A/1P	10
15	20A/1P	LTS: BEDROOM	1.00	1.20	DISHWASHER	20A/1P	12
17	20A/1P	SPARE		0.50	R: BEDROOM	20A/1P	14
				1.00	R: BEDROOM	20A/1P	16
			1.20		R: LIVING	20A/1P	18

PANEL: 211 | TYPE: NQ | MOUNT: FLUSH | REMARKS: | VOLTAGE: 208/120V, 1PH, 3W | MLO: 125A | AIC: 16K

CKT NO.	BREAKER SIZE	LOAD DESCRIPTION	PHASE A (KVA)	PHASE B (KVA)	LOAD DESCRIPTION	BREAKER SIZE	CKT NO.
1	50A/2P	RANGE	4.80				
3				4.80	SPARE	20A/1P	2
5	40A/2P	ACCU-1	3.78				
7			0.40		APPLIANCES	20A/1P	4
9	20A/1P	MICROWAVE	0.40	3.78	APPLIANCES	20A/1P	6
11	20A/1P	REFRIGERATOR	0.20	0.60	APPLIANCES	20A/1P	8
13	20A/1P	LTS: BATHROOM	0.20	0.40	DISPOSAL	20A/1P	10
15	20A/1P	LTS: BEDROOM	1.00	1.20	DISHWASHER	20A/1P	12
17	20A/1P	SPARE		0.50	R: BEDROOM	20A/1P	14
				1.00	R: BEDROOM	20A/1P	16
			1.20		R: LIVING	20A/1P	18

PANEL: 209 | TYPE: NQ | MOUNT: FLUSH | REMARKS: | VOLTAGE: 208/120V, 1PH, 3W | MLO: 125A | AIC: 16K

CKT NO.	BREAKER SIZE	LOAD DESCRIPTION	PHASE A (KVA)	PHASE B (KVA)	LOAD DESCRIPTION	BREAKER SIZE	CKT NO.
1	50A/2P	RANGE	4.80				
3				4.80	SPARE	20A/1P	2
5	20A/2P	PTAC	1.20				
7			0.40		APPLIANCES	20A/1P	4
9	20A/1P	MICROWAVE	0.40	1.20	SPARE	20A/1P	6
11	20A/1P	REFRIGERATOR	0.20		DISPOSAL	20A/1P	8
13	20A/1P	LTS: BATHROOM	0.12	0.40	DISHWASHER	20A/1P	10
15	20A/1P	LTS: BEDROOM	1.00				
17	20A/1P	SPARE		0.20	R: BEDROOM	20A/1P	12
				0.80	R: LIVING/BED	20A/1P	14
					SPARE	20A/1P	16
							18

PANEL: 217 | TYPE: NQ | MOUNT: FLUSH | REMARKS: | VOLTAGE: 208/120V, 1PH, 3W | MLO: 125A | AIC: 16K

CKT NO.	BREAKER SIZE	LOAD DESCRIPTION	PHASE A (KVA)	PHASE B (KVA)	LOAD DESCRIPTION	BREAKER SIZE	CKT NO.
1	50A/2P	RANGE	4.80				
3				4.80	SPARE	20A/1P	2
5	40A/2P	ACCU-1	3.78				
7			0.80		APPLIANCES	20A/1P	4
9	20A/1P	MICROWAVE	0.40	3.78	APPLIANCES	20A/1P	6
11	20A/1P	REFRIGERATOR	0.20	0.60	APPLIANCES	20A/1P	8
13	20A/1P	LTS: BATHROOM	0.12	0.40	DISPOSAL	20A/1P	10
15	20A/1P	LTS: BEDROOM	1.00				
17	20A/1P	R: LIVING	1.00	0.40	DISHWASHER	20A/1P	12
			1.00		R: BEDROOM	20A/1P	14
				0.40	R: BEDROOM	20A/1P	16
				1.00	HOOD	20A/1P	18

PANEL: 216 | TYPE: NQ | MOUNT: FLUSH | REMARKS: | VOLTAGE: 208/120V, 1PH, 3W | MLO: 125A | AIC: 16K

CKT NO.	BREAKER SIZE	LOAD DESCRIPTION	PHASE A (KVA)	PHASE B (KVA)	LOAD DESCRIPTION	BREAKER SIZE	CKT NO.
1	50A/2P	RANGE	4.80				
3				4.80	SPARE	20A/1P	2
5	20A/2P	PTAC	1.20				
7			0.40		APPLIANCES	20A/1P	4
9	20A/1P	MICROWAVE	0.40	1.20	SPARE	20A/1P	6
11	20A/1P	REFRIGERATOR	0.20		DISPOSAL	20A/1P	8
13	20A/1P	LTS: BATHROOM	0.12	0.40	DISHWASHER	20A/1P	10
15	20A/1P	LTS: BEDROOM	1.00				
17	20A/1P	SPARE		0.20	R: BEDROOM	20A/1P	12
				0.80	R: LIVING/BED	20A/1P	14
					SPARE	20A/1P	16
							18

PANEL: 215 | TYPE: NQ | MOUNT: FLUSH | REMARKS: | VOLTAGE: 208/120V, 1PH, 3W | MLO: 125A | AIC: 16K

CKT NO.	BREAKER SIZE	LOAD DESCRIPTION	PHASE A (KVA)	PHASE B (KVA)	LOAD DESCRIPTION	BREAKER SIZE	CKT NO.
1	50A/2P	RANGE	4.80				
3				4.80	SPARE	20A/1P	2
5	20A/2P	PTAC	1.20				
7			0.40		APPLIANCES	20A/1P	4
9	20A/1P	MICROWAVE	0.40	1.20	SPARE	20A/1P	6
11	20A/1P	REFRIGERATOR	0.20		DISPOSAL	20A/1P	8
13	20A/1P	LTS: BATHROOM	0.12	0.40	DISHWASHER	20A/1P	10
15	20A/1P	LTS: BEDROOM	1.00				
17	20A/1P	SPARE		0.20	R: BEDROOM	20A/1P	12
				0.80	R: LIVING/BED	20A/1P	14
					SPARE	20A/1P	16
							18

PANEL: MDPC | TYPE: I-LINE | MOUNT: SURFACE | REMARKS: | VOLTAGE: 208Y/120, 3ø, 4W | MLO: 800A | AIC: 22K

CKT NO.	BREAKER SIZE	LOAD DESCRIPTION	PHASE A (KVA)	PHASE B (KVA)	PHASE C (KVA)	LOAD DESCRIPTION	BREAKER SIZE	CKT NO.
1	125A/2P	PANEL 216	7.60					
3			9.80			PANEL 211	125A/2P	2
5	125A/2P	PANEL 205		7.60				4
7			7.60		7.60	PANEL 212	125A/2P	6
9	125A/2P	PANEL 206	9.90					8
11				7.60		PANEL 213	125A/2P	10
13	125A/2P	PANEL 207	7.60	7.60				12
15					7.60	PANEL 214	125A/2P	14
17	125A/2P	PANEL 208		7.60				16
19			7.60		7.60	PANEL 215	125A/2P	18
21	125A/2P	PANEL 209	7.60					20
23				7.60		PANEL 204	125A/2P	22
25	1P	SPACE			7.60			24
27	1P	SPACE	9.90			PANEL 217	125A/2P	26
29	1P	SPACE		9.80				28
						SPACE	1P	30

PANEL: MDPB | TYPE: I-LINE | MOUNT: SURFACE | REMARKS: | VOLTAGE: 208Y/120, 3ø, 4W | MCB 1200A | AIC: 22K

CKT NO.	BREAKER SIZE	LOAD DESCRIPTION	PHASE A (KVA)	PHASE B (KVA)	PHASE C (KVA)	LOAD DESCRIPTION	BREAKER SIZE	CKT NO.
1	600A/3P	MDPC	70.00					2
3			8.00	70.00		WATER HEATER	125A/3P	4
5				8.00	70.00			6
7	125A/3P	WATER HEATER	8.00		8.00			8
9			8.00	8.00		WATER HEATER	125A/3P	10
11					8.00			12
13	20A/2P	UH-1	1.20		8.00			14
15				1.20		SPARE	20A/2P	16
17	20A/2P	UH-1			1.20			18
19			1.20			SPARE	20A/2P	20
21	20A/1P	SPARE						22
23	20A/1P	SPARE				SPARE	20A/1P	24
25	20A/1P	SPARE				SPARE	20A/1P	26
27	20A/1P	SPARE				SPARE	20A/1P	28
29	20A/1P	SPARE				SPARE	20A/1P	30

PANEL: WWLP2 | TYPE: EXISTING | MOUNT: SURFACE | REMARKS: **BOLD INDICATES NEW CIRCUIT/CIRCUIT BREAKER** | VOLTAGE: 208Y/120, 3ø, 4W | MLO: 225A | AIC: 10K

CKT NO.	BREAKER SIZE	LOAD DESCRIPTION	PHASE A (KVA)	PHASE B (KVA)	PHASE C (KVA)	LOAD DESCRIPTION	BREAKER SIZE	CKT NO.
1	20A/1P	L\ W. CANOPY	0.50					
3	20A/1P	R\ HALLWAY		0.80		R\ STORAGE RM.	20A/1P	2
5	20A/1P	L\ LIFT		0.50	0.10	L\ COPR. #219A	20A/1P	4
7	20A/1P	EXISTING			2.10	L\ STAIR #201	20A/1P	6
9	20A/1P	EXISTING				EXISTING	20A/1P	8
11	20A/1P	EXISTING				EXISTING	20A/1P	10
13	20A/1P	EXISTING				EXISTING	20A/1P	12
15	20A/1P	EXISTING				EXISTING	20A/1P	14
17	20A/1P	EXISTING				EXISTING	20A/1P	16
19	20A/1P	SPARE				EXISTING	20A/1P	18
21	20A/1P	SPARE				EXISTING	20A/1P	20
23	20A/1P	EXISTING				EXISTING	20A/1P	22
25	20A/1P	EXISTING				EXISTING	20A/1P	24
27	20A/1P	EXISTING				EXISTING	20A/1P	26
29	20A/1P	EXISTING				EXISTING	20A/1P	28
						EXISTING	20A/1P	30

NOTE: UPON COMPLETION OF PROJECT E.C. SHALL TRACE OUT ALL CIRCUITS AND PROVIDE AND INSTALL A NEW TYPED PANEL DIRECTORY.

PANEL: WWLP1* | TYPE: EXISTING | MOUNT: FLUSH | REMARKS: **BOLD INDICATES NEW CIRCUIT/CIRCUIT BREAKER** | VOLTAGE: 208Y/120, 3ø, 4W | MLO: 225A | AIC: 10K

CKT NO.	BREAKER SIZE	LOAD DESCRIPTION	PHASE A (KVA)	PHASE B (KVA)	PHASE C (KVA)	LOAD DESCRIPTION	BREAKER SIZE	CKT NO.
1						EXISTING	20A/1P	2
3	100A/3P	EXISTING				EXISTING	20A/1P	4
5						EXISTING	20A/1P	6
7	20A/1P	EXISTING				EXISTING	20A/1P	8
9	20A/1P	EXISTING				EXISTING	20A/1P	10
11	20A/1P	EXISTING				EXISTING	20A/1P	12
13	20A/1P	R\ RM # 101	0.80			EXISTING	20A/1P	14
15	20A/1P	SPARE				EXISTING	20A/1P	16
17	20A/1P	SPARE				EXISTING	20A/1P	18
19						EXISTING	20A/1P	20
21	100A/3P	EXISTING				EXISTING	20A/1P	22
23						EXISTING	20A/1P	24
25	20A/1P	SPARE				EXISTING	20A/1P	26
27	20A/1P	EXISTING				EXISTING	20A/1P	28
29	20A/1P	EXISTING				EXISTING	20A/1P	30
31	20A/1P	EXISTING				EXISTING	20A/1P	32
33	20A/1P	EXISTING				EXISTING	20A/1P	34
35	20A/1P	EXISTING				EXISTING	20A/1P	36
37	20A/1P	EXISTING				EXISTING	20A/1P	38
39	20A/1P	EXISTING				EXISTING	20A/1P	40
41	20A/1P	SECURITY KIOSK			1.00			
						SPARE	20A/1P	42

NOTE: UPON COMPLETION OF PROJECT E.C. SHALL TRACE OUT ALL CIRCUITS AND PROVIDE AND INSTALL A NEW TYPED PANEL DIRECTORY.

PANEL: WWHP1 | TYPE: EXISTING | MOUNT: FLUSH | REMARKS: **BOLD INDICATES NEW CIRCUIT/CIRCUIT BREAKER** | VOLTAGE: 208Y/120, 3ø, 4W | MLO: 225A | AIC: 10K

CKT NO.	BREAKER SIZE	LOAD DESCRIPTION	PHASE A (KVA)	PHASE B (KVA)	PHASE C (KVA)	LOAD DESCRIPTION	BREAKER SIZE	CKT NO.
1	30A/2P	WASHER/DRYER	2.90					
3			2.90			WASHER/DRYER	30A/2P	2
5	30A/2P	WASHER/DRYER		2.90				4
7				2.90	2.90	WASHER/DRYER	30A/2P	6
9	35A/2P	ACCU-5	2.90		2.90			8
11				3.30				10
13					2.50	ELEV.LIFT	35A/3P	12
15					3.33			14
17	40A/2P	EXISTING				SPARE	40A/2P	16
19								18
21	40A/2P	EXISTING				SPARE	40A/2P	20
23								22
25	40A/2P	EXISTING				EXISTING	40A/2P	24
27								26
29	40A/2P	EXISTING				EXISTING	40A/2P	28
31								30
33	50A/2P	EXISTING				EXISTING	40A/2P	32
35								34
37	20A/1P	R\ ELEV. LIFT	0.20			EXISTING	40A/2P	36
39	40A/2P	EXISTING						38
41								40
					0.50	L\ ELEV. LIFT	20A/1P	42

NOTE: UPON COMPLETION OF PROJECT, E.C. SHALL TRACE OUT ALL CIRCUITS AND PROVIDE AND INSTALL A NEW TYPED PANEL DIRECTORY.

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YWCA The Lofts
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mark	date	description
1	01.23.24	ADDENDUM #01

Project Number 230495 (232722)
Date January 11, 2024
Drawn By SJB
Checked By TPO

ELECTRICAL SCHEDULES

E6.01

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