

HARRIS



Architecture & Design

June 7, 2021

To All Contractors Bidding On the:

THE CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
Laie Missionary Housing Windows and AC
LDS PROJECT #514-3640

Addendum No. TWO is hereby made a part of the Contract Documents pertaining to the above project and shall be binding upon each entity submitting bids. It shall be the responsibility of each Contractor to notify the sub contractors, materialmen and suppliers concerning the contents of this Addendum as they specifically apply them.

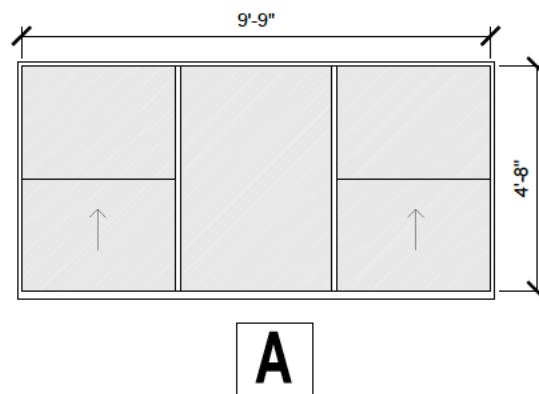
ITEM NO. 1: See attached revision for window "A". Window mark "A" in unit 115 or #4 on the plans shall be replaced with a new vinyl window per attached elevation.

ITEM NO. 2: Contractor shall patch and repair existing construction as required by new renovation, ie: window head, jambs and sills, ceilings etc.

ITEM NO. 3: Contractor shall remove all exist. ceiling fans / light combo units and replace them with new light fixtures. Fixtures shall be Lithonia, FMLACL, Lacuna LED Flush Mount, 120v/ 4000k.

ITEM NO. 3: Mechanical Items: See attached revised Sheet M1. Revisions include but are not limited too:
1) Relocated controls for kitchen fans to the opposite wall of their previous location.
2) Shifted condensing units and electrical panels.
3) Added exhaust fan & roof cap schedules.

- End of Addendum 2 -



1 WINDOW ELEVATION

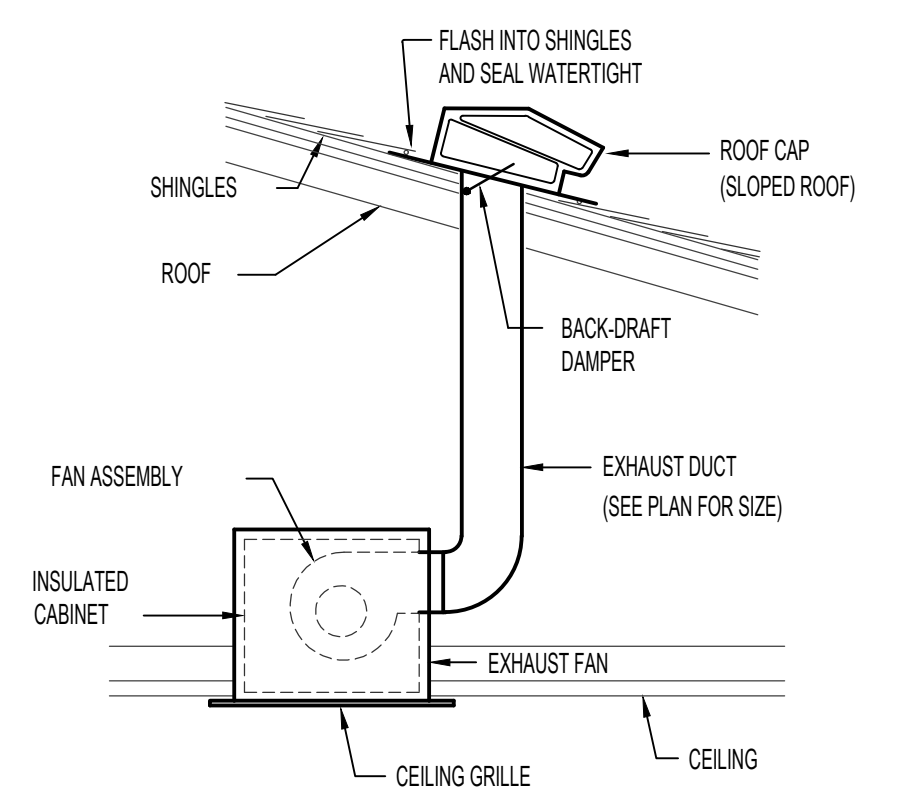
Scale: NTS



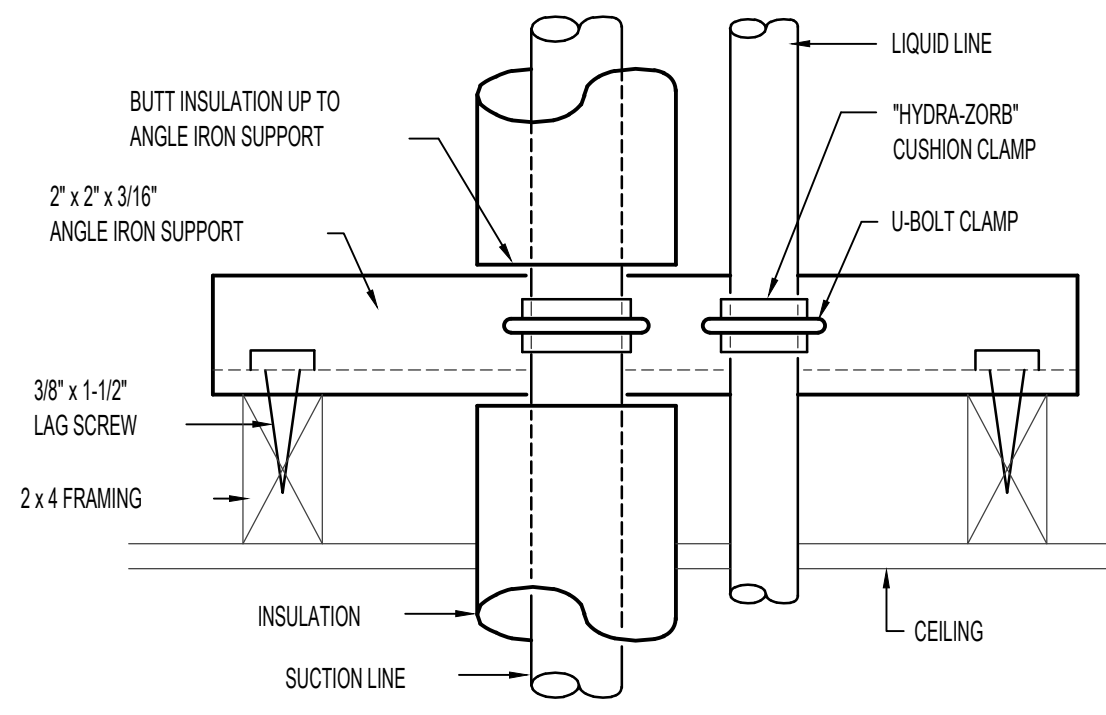
INSTALL NEW WINDOW TYPE A TO MATCH ADJACENT WINDOW. BASE BID - REFRAME AND PAINT NEW WALL TO MATCH EXIST. ALT #1 - INSTALL NEW CMU WALL TO MATCH ADJACENT WINDOW

Window / wall elevation at Unit #4 – (113); Item No 1.

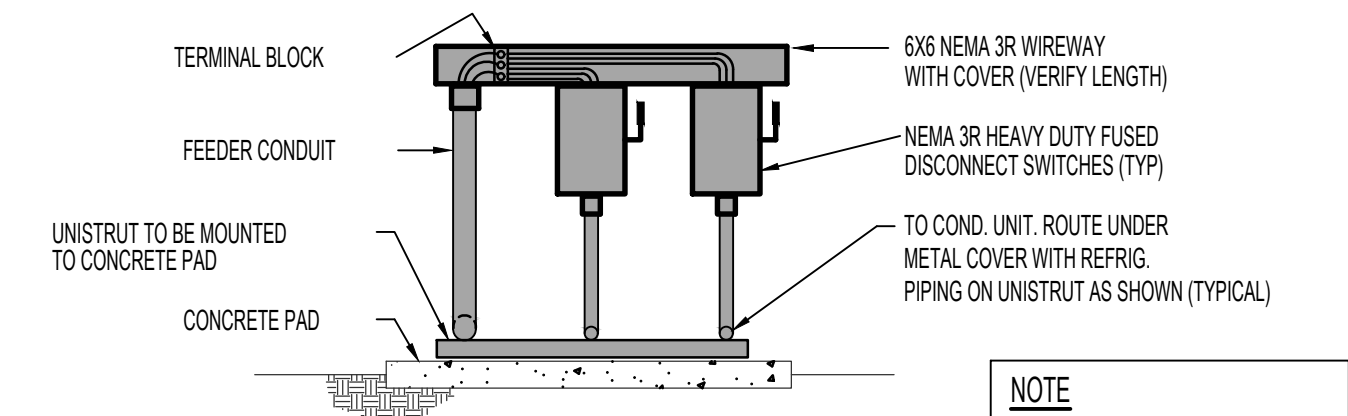
THIS PRINT AND ALL INFORMATION HERE ON IS THE PROPERTY OF KYLE HARRIS. ARCHITECT AND SHALL NOT BE USED WITHOUT WRITTEN PERMISSION OF THE ARCHITECT



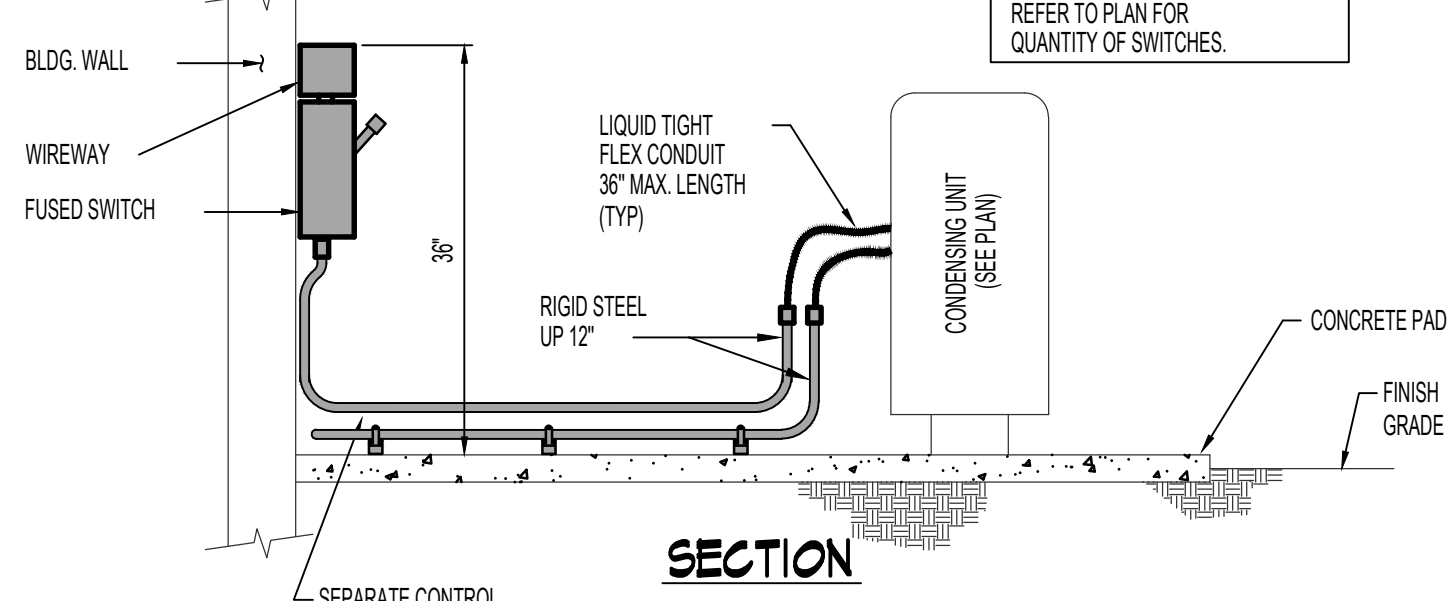
CEILING EXHAUST FAN DETAIL
NO SCALE



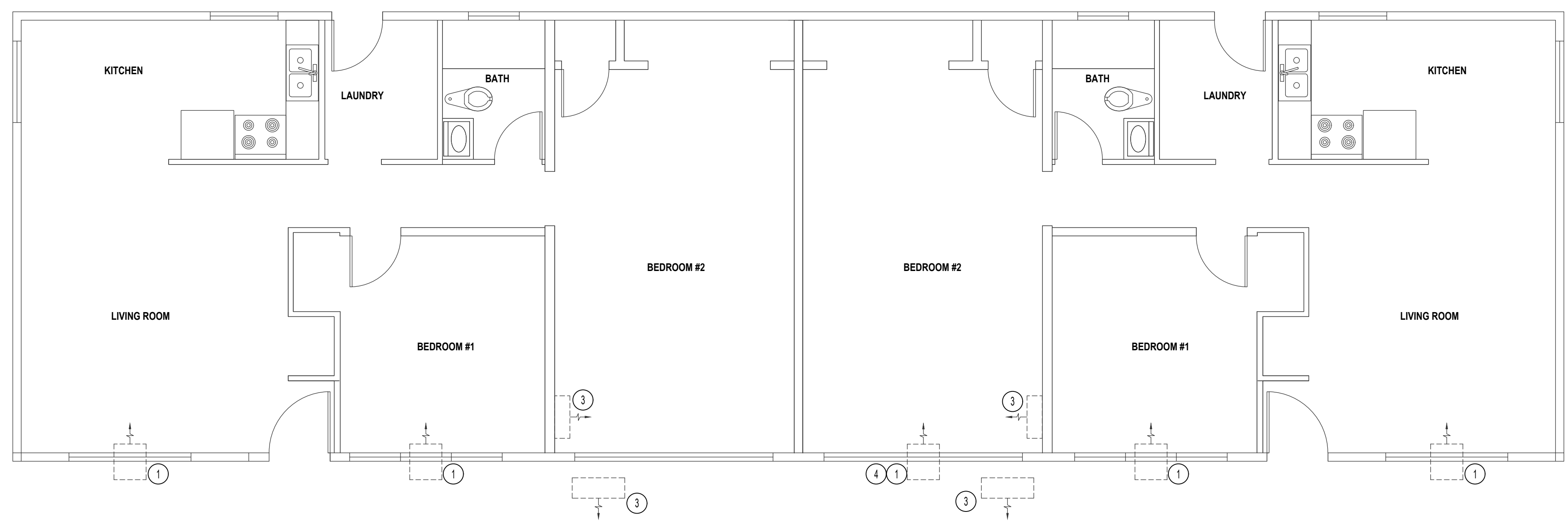
REFRIG. PIPING SUPPORT AT CEILING
NO SCALE



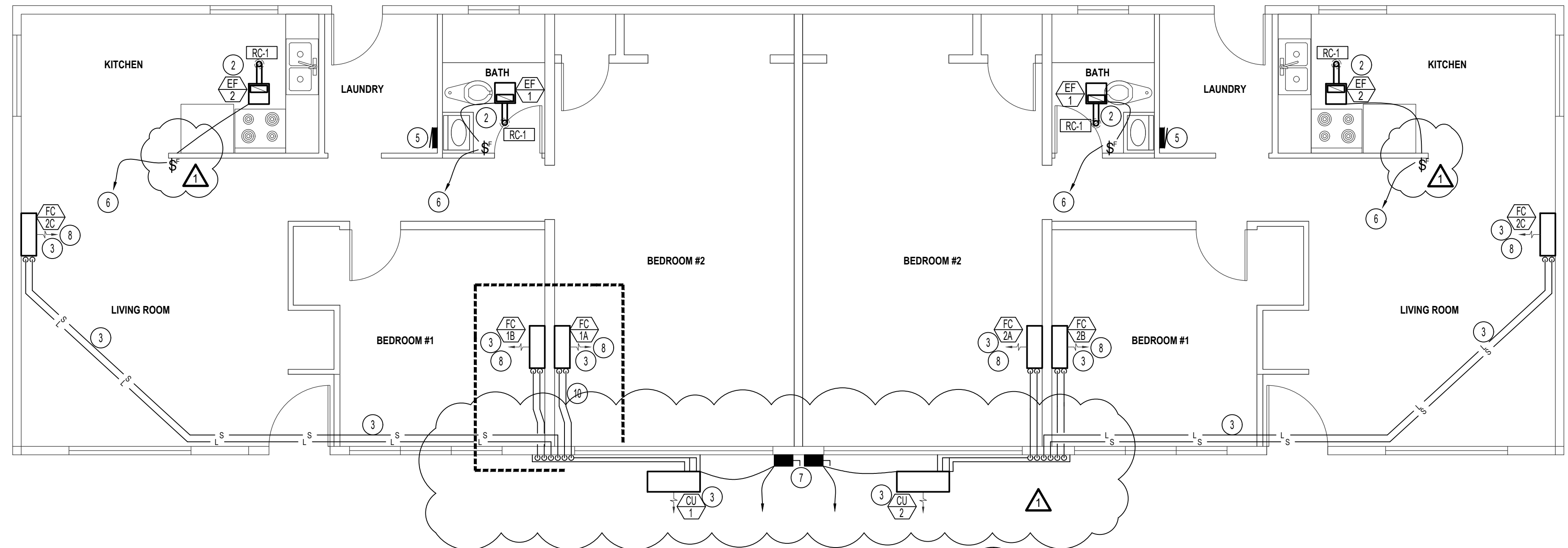
DISCONNECT ELEVATION



CONDENSING UNIT - CONDUIT DIAGRAM
NO SCALE (ABOVE SLAB)



MECHANICAL DEMO PLAN
SCALE: 1/4" = 1'-0"
BUILDING "A" SHOWN
BUILDING "B" SIMILAR



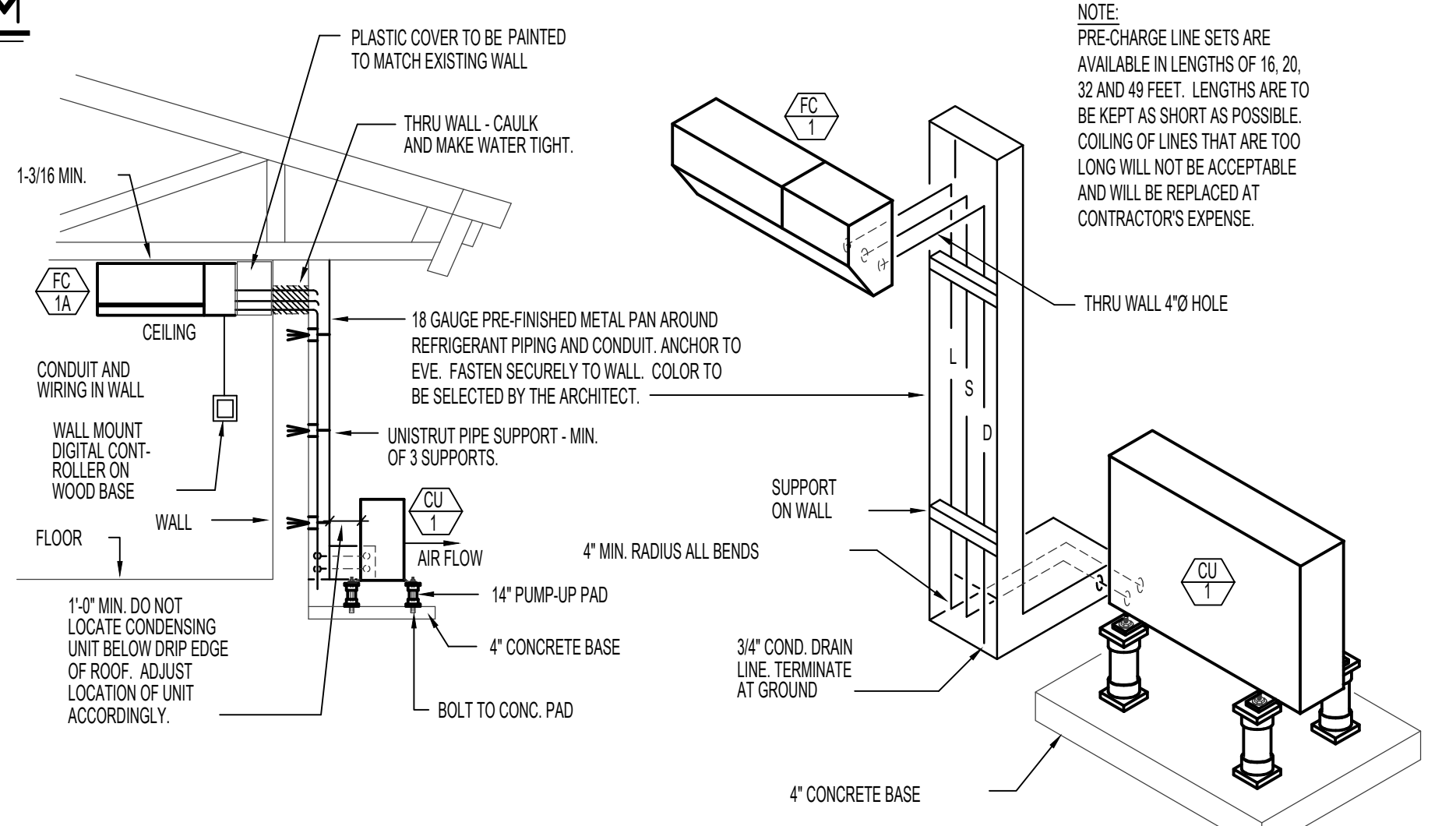
MECHANICAL FLOOR PLAN
SCALE: 1/4" = 1'-0"
BUILDING "A" SHOWN
BUILDING "B" SIMILAR

SYM.	TYPE	SIZE	CFM RANGE	THROW PATTERN	CONSTR.	FINISH	BALANCING DAMPER	FIRE DAMPER	REMARKS
RC-1	ROOFCAP	6"Ø	100-200	NA	ALUM.	ALUM.	NA	NA	TWIN CITY MODEL 634M W/ INSECT SCREEN & BACK DRAFT DAMPER

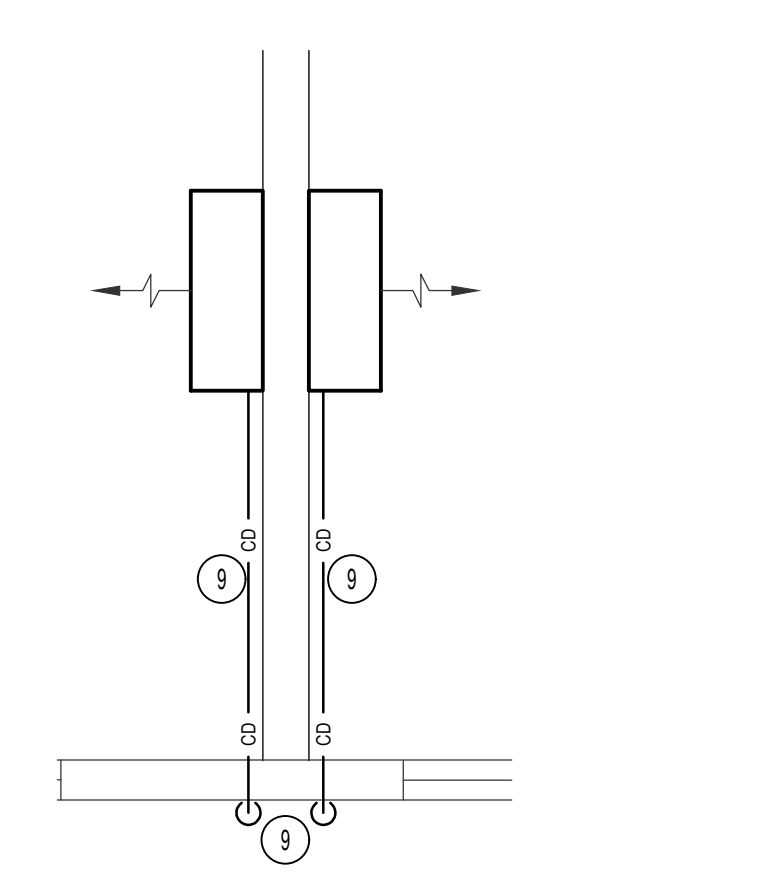
SYM.	TYPE	C.F.M.	S.P.E.	WATTS	CHAR.	R.P.M.	CONTROL	REMARKS
EF 1	CEILING MOUNTED	100	25	87	120/60/1	640	TIMER	TWIN CITY MODEL T100 WITH BACKDRAFT DAMPER. 6"Ø EXHAUST DUCT TO SLOPED ROOF CAP.
EF 2	CEILING MOUNTED	200	25	127	120/60/1	760	TIMER	TWIN CITY MODEL T200 WITH BACKDRAFT DAMPER. 6"Ø EXHAUST DUCT TO SLOPED ROOF CAP.

SYM.	CFM	EER	CHAR.	FAN WATTS	MCA	WEIGHT	COOLING CAPACITY	CONDENSATE DRAIN	REMARKS
FC 1A THRU FC 1C	237	13	240/60/1	30	7	22#	12,000 BTU	3/4"	MITSUBISHI M-SERIES MSZ-GL12NA WITH SEACOAST COATING. SEER 19.2
FC 2A THRU FC 2C	237	13	240/60/1	30	7	22#	12,000 BTU	3/4"	MITSUBISHI M-SERIES MSZ-GL12NA WITH SEACOAST COATING. SEER 19.2

SYM.	BTU	EAT	CHAR.	MCA	MOCP	WEIGHT	REFRIGERANT PIPING		REMARKS
							LIQUID	SUCTION	
CU 1	36,000	95°F	240-10	22.1	25	140#	1/4"	3/8"	MITSUBISHI ELECTRIC M-SERIES MODEL MXZ-4C36NA2 WITH OPTIONAL SEACOAST COATING. SEER 19.2
CU 2	36,000	95°F	240-10	22.1	25	140#	1/4"	3/8"	MITSUBISHI ELECTRIC M-SERIES MODEL MXZ-4C36NA2 WITH OPTIONAL SEACOAST COATING. SEER 19.2



FAN COIL & REFRIGERANT PIPING DETAIL
NO SCALE



ENLARGED FLOOR PLAN
SCALE: 1/2" = 1'-0"

PLAN NOTES:

- REMOVE AND DISPOSE OF EXISTING WINDOW TYPE A/C UNITS.
- PROVIDE AND INSTALL NEW EXHAUST FAN IN THIS LOCATION. SEE THIS SHEET FOR TYPICAL INSTALL DETAILS.
- INSTALL NEW MINI SPLIT IN LOCATION AS SHOWN. RUN REFRIGERATION LINES UP OUTSIDE WALL TO ATTIC SPACE AND COVER AS PER DETAILS. RUN THRU ATTIC TO NEW INDOOR UNITS. SEE REFRIGERATION COVER ON THIS SHEET. RE-USE EXISTING REFRIGERANT LINES AS NEEDED. FIELD VERIFY BEST POSSIBLE ROUTES AND LOCATIONS FOR NEW EQUIPMENT. REPLACE VIBRATION PADS FOR NEW CONDENSING UNIT.
- EXISTING WINDOW UNIT RATHER THAN SPLIT SYSTEM FOR OTHER SIMILAR BUILDING.
- EXISTING ELECTRICAL PANEL TO REMAIN. REPLACE EXISTING 20A 2P BREAKER WITH NEW 30A 2P BREAKER.
- INSTALL NEW SWITCH ON WALL AND CONNECT TO UN-SWITCHED POWER CIRCUIT TO CONTROL NEW EXHAUST FAN.
- REPLACE EXISTING DISCONNECT WITH NEW NEMA 3R 30A 2P FUSED DISCONNECT. FUSE AT 25 A. RUN 10/3 ROMEX TO PANEL FOR NEW A/C UNIT.
- INDOOR UNITS RECEIVE POWER FROM CONDENSING UNITS DISCONNECT. RUN WIRE AS PER MANUFACTURER'S RECOMMENDATION.
- RUN 3/4" CONDENSATE DRAIN LINE OUT TO NEAREST WALL AND DROP THE LINE TO APPROXIMATELY 1" FROM SLAB. SEAL PENETRATION WEATHER TIGHT. INSTALL BEHIND REFRIGERATION COVER OR COVER WITH NEW. SIMILAR INSTALL FOR OTHER UNITS.

GENERAL NOTES:

- THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND CONNECTIONS ON THE JOB SITE. ALL WORK SHALL BE EXECUTED FROM MEASUREMENTS TAKEN AT THE SITE.
- THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE TO INSURE PROPER CODE CLEARANCES FOR ELECTRICAL AND MECHANICAL ACCESS WHEN INSTALLING ANY EQUIPMENT SUPPLIED BY THE MECHANICAL CONTRACTOR.
- IT IS CRITICAL THAT THIS CONTRACTOR COORDINATE EQUIPMENT LOCATIONS WITH PIPING, DUCTWORK, ELECTRICAL CONDUIT AND BUILDING STRUCTURE TO INSURE CODE COMPLIANCE.
- CEILING DIFFUSERS ARE SHOWN IN APPROXIMATE LOCATIONS. REFER TO LIGHTING PLANS AND REFLECTED CEILING PLAN FOR EXACT LOCATIONS.
- DUCT DIMENSIONS CALLED OUT ON DRAWINGS ARE INSIDE FREE AREA DIMENSIONS. ACOUSTICAL DUCT LINER ARE TO BE ADDED TO OVERALL MEASUREMENTS.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION

Dwayne C. Sudwicks 4/30/2022
SIGNATURE EXPIRATION DATE OF THE LICENSE

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LICENSED PROFESSIONAL ENGINEER
DWAYNE C. SUDWICKS
HAWAII, U.S.A.
MAY 21, 2021

HARRIS Architecture & Design
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PROJECT TITLE: CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS LAIE MISSION HOUSE RENOVATION
55-64-1 Lanihuli Place, Laie, Kouilaoua, Oahu, HI

REVISIONS: 06/11/21
APPENDIX #1

DRAWN BY: TCD
MAY 21, 2021
CHECKED: DCS
PROJECT NO.: 21007

M1