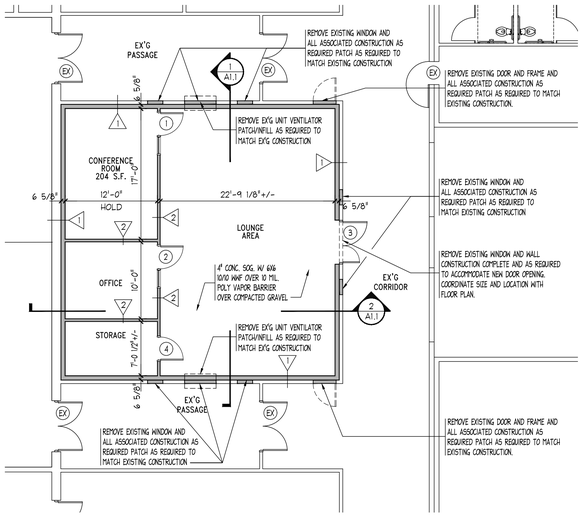
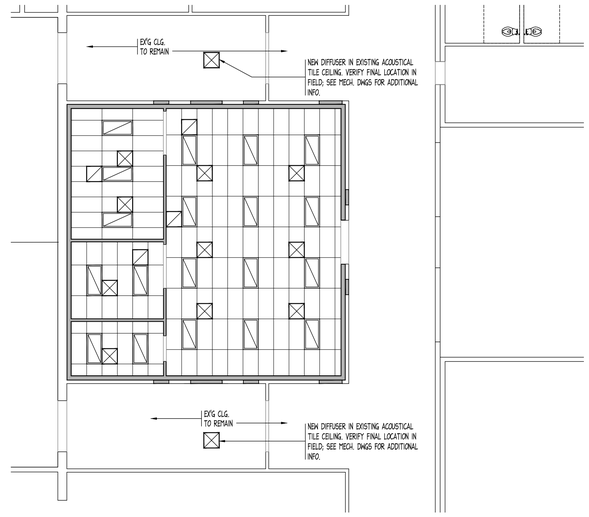


ENLARGED FLOOR PLAN

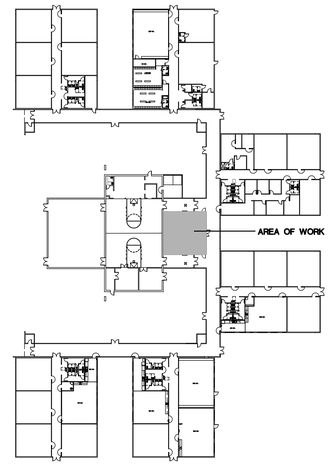
SCALE: 1/8" = 1'-0"

NOTES:
1. REMOVE EXISTING DECKING, LANDSCAPING, MISCELLANEOUS ITEMS,ETC. AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION.



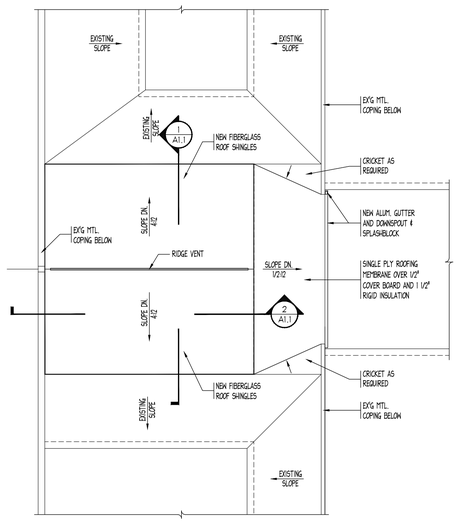
REFLECTED CEILING PLAN

SCALE: 1/8" = 1'-0"



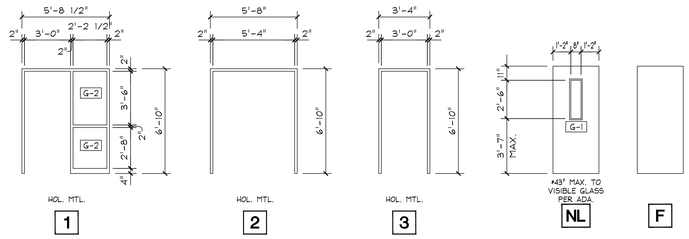
KEY PLAN

SCALE: N.T.S.



PARTIAL ROOF PLAN

SCALE: 3/32" = 1'-0"



DOOR/FRAME TYPES

SCALE: 1/4" = 1'-0"

ROOM FINISH SCHEDULE

ROOM NAME	FLOOR	BASE	WALL	CLG.	HEIGHT	REMARKS
LOUNGE AREA	CARPET TILE	VINYL	PTD. G.W.B.	ACOUST. TILE	10'-0"	
CONFERENCE ROOM	CARPET TILE	VINYL	PTD. G.W.B.	ACOUST. TILE	9'-0"	
OFFICE	CARPET TILE	VINYL	PTD. G.W.B.	ACOUST. TILE	9'-0"	
STORAGE	VCT	VINYL	PTD. G.W.B.	ACOUST. TILE	9'-0"	

NOTES:
1. COORDINATE ALL FINISH SELECTIONS WITH OWNER.

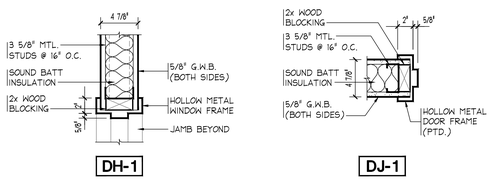
GLAZING SCHEDULE

TYPE	DESCRIPTION
G-1	1/4" CLEAR TEMPERED

DOOR SCHEDULE

NO.	DOOR WIDTH	DOOR HEIGHT	DOOR THK.	DOOR TYPE	DOOR MATERIAL	DOOR FINISH	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	FRAME HEAD	FRAME JAMB	HDW. NO.	FIRE RATING	REMARKS	NO.
1	3'-0"	6'-8"	1 3/4"	F	S.C WOOD	MFR.	1	HOL. METAL	PTD.	DH-1	DJ-1	2	---		1
2	3'-0"	6'-8"	1 3/4"	F	S.C WOOD	MFR.	1	HOL. METAL	PTD.	DH-1	DJ-1	2	---		2
3	(1)3'-0" (1)2'-4"	6'-8"	1 3/4"	NL/F	S.C WOOD	MFR.	2	HOL. METAL	PTD.	DH-1 SIM.	DJ-1 SIM.	1	---		3
4	3'-0"	6'-8"	1 3/4"	F	S.C WOOD	MFR.	3	HOL. METAL	PTD.	DH-1	DJ-1	2	---		4

NOTES:
1. ALL DOOR HARDWARE TO CONFORM TO NJ UCC BARRIER-FREE SUBCODE
2. COORDINATE ALL HARDWARE AND KEYING W/ OWNER.
3. LOCK SET WILL BE PROVIDED AND INSTALLED BY OWNER (LOCKS, CYLINDER AND KEY CORES; DOOR TO BE PREPPED AS REQUIRED FOR MORTISE LOCKS BALANCE OF HARDWARE INCLUDING INSTALLATION BY GC



HEAD AND JAMB DETAIL

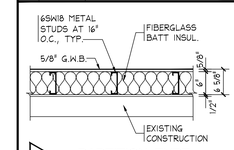
SCALE: 1 1/2" = 1'-0"

GENERAL NOTES

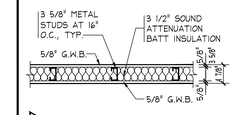
1. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND PAYING FOR ALL PERMITS, APPROVALS, TESTING AND INSPECTIONS AS MAY BE REQUIRED BY THE DEPARTMENT OF BUILDINGS. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL REQUIRED DEPARTMENT OF BUILDING PERMITS PRIOR TO THE START OF WORK.
2. ALL PERMITS ISSUED BY THE DEPARTMENT OF BUILDINGS SHALL BE POSTED IN A CONSPICUOUS PLACE OPEN TO PUBLIC INSPECTION FOR THE ENTIRE TIME OF THE EXECUTION OF THE WORK OF THE USE AND OPERATION OF THE EQUIPMENT OR UNTIL THE EXPIRATION OF THE PERMIT.
3. MEANS OF EGRESS SHALL BE KEPT UNOBSTRUCTED AT ALL TIMES.
4. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS.
5. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND NOTIFY ARCHITECTS OFFICE OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DOCUMENTS.
6. ALL CONSTRUCTION, DIMENSIONS AND DETAILS SHALL CONCUR WITH AND BE DETERMINED FROM THESE DOCUMENTS ONLY.
7. ALL CONTRACTORS SHALL BE RESPONSIBLE FOR ADEQUATELY BRACING AND PROTECTING ALL WORK DURING CONSTRUCTION AGAINST DAMAGE, BREAKAGE, COLLAPSE, DISTORTIONS AND OFF ALIGNMENT.
8. EXISTING CONDITIONS/CONSTRUCTION DAMAGED OR REMOVED AS A RESULT OF WORK REQUIRED TO BE DONE UNDER THIS CONTRACT SHALL BE REPAIRED OR REPLACED TO ORIGINAL CONDITION AND FINISHED TO MATCH ADJACENT FINISHES BY THE CONTRACTOR.
9. FILL ALL HOLES AND VOIDS IN FLOORS, WALLS, CEILINGS WHICH RESULT FROM INSTALLATION OF NEW WORK AND REMOVAL OF EXISTING MATERIALS AND EQUIPMENT REQUIRED BY THE CONTRACT. PATCHED AREAS SHALL MATCH MATERIALS, FINISHES AND LEVELS ADJACENT.
10. CONTRACTOR SHALL VERIFY SIZE AND QUANTITY TAKEOFFS OF OWNER FURNISHED EQUIPMENT AND BE RESPONSIBLE FOR COORDINATING ROUGH-INS AND CONNECTIONS FOR SAME.
11. THE WORK SHALL INCLUDE ALL THE MATERIAL AND LABOR NECESSARY TO COMPLETE DEMOLITION AND CONSTRUCTION AS SHOWN ON THESE DRAWINGS.
12. ALL CONTRACTORS AND SUBCONTRACTORS SHALL BE RESPONSIBLE FOR THE PROPER PERFORMANCE OF THEIR WORK, COORDINATION WITH OTHER TRADES, METHODS, SAFETY AND SECURITY ON THE JOB SITE. THE ARCHITECT AND HIS AGENT ARE NOT RESPONSIBLE OR LIABLE FOR THE ABOVE AND SHALL BE HELD HARMLESS AND INDEMNIFIED BY ALL CONTRACTORS FROM ANY CLAIMS, LOSSES, SUITS, OR LEGAL ACTIONS ARISING FROM THE PERFORMANCE WORK ON THIS PROJECT.
13. BEFORE START OF CONSTRUCTION, CONTRACTOR TO OBTAIN APPROVAL FROM BUILDING REPRESENTATIVES. ANY CONSTRUCTION INVOLVING INTERRUPTION OF BUILDING SERVICES MUST BE APPROVED AND COORDINATED WITH THE BUILDING REPRESENTATIVES BEFORE COMMENCEMENT OF WORK.
14. ALL MATERIALS TO BE USED IN CONSTRUCTION SHALL BE NEW AND SHALL BE SUPPLIED AND INSTALLED AS PER MANUFACTURER'S SPECIFICATIONS. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO THE FABRICATION OF ANY AND ALL ITEMS.
15. CONTRACTOR SHALL THOROUGHLY INSPECT PREMISES NOTING ALL AREAS OF WORK AND SHALL PRODUCE A NEAT ACCEPTABLE JOB. WHERE PARTIAL REMOVAL OR PATCH OCCURS, ENTIRE SURFACE SHALL BE REFINISHED WITH QUALITY WORKMANSHIP.
16. REMOVE AND LEGALLY DISPOSE OF ALL TRASH AND DEBRIS FROM THE SITE. NO ACCUMULATION OF TRASH OR DEBRIS SHALL BE PERMITTED.
17. INSTALL ALL OWNER FURNISHED EQUIPMENT. THE GENERAL CONTRACTOR SHALL COORDINATE THE TRADE(S) CLAIMING THE WORK. UNLESS NOTED OTHERWISE THE INSTALLATION SHALL BE INCLUDED AS PART OF THE WORK OF THIS CONTRACT.
18. CLOSE AND SEAL ALL OPENINGS IN WALLS, FLOORS, CEILINGS, ETC. REQUIRED BY CUTTING PIPES, DUCTS, CONDUITS, ETC. WHERE REQUIRED BY CODE.

Revisions

No.	Date	Description



1 PARTITION TYPE



2 PARTITION TYPE

BUILDING DATA

USED GROUP- E
CONSTRUCTION CLASSIFICATION - 5B
ALLOWABLE SQUARE FOOTAGE - 9,500 S.F.
EXISTING SQUARE FOOTAGE - 7,512 S.F.
AREA OF ALTERATION - 1,308 S.F.
TOTAL SQUARE FOOTAGE - 8,820 S.F.

ALLOWABLE HEIGHT - 40'
ACTUAL HEIGHT - 20'-8'
ALLOWABLE STORIES - 1
ACTUAL STORIES - 1

APPLICABLE CODES

2018 INTERNATIONAL BUILDING CODE - NJ EDITION
REHABILITATION SUBCODE; NJUCC, SUBCHAPTER 6

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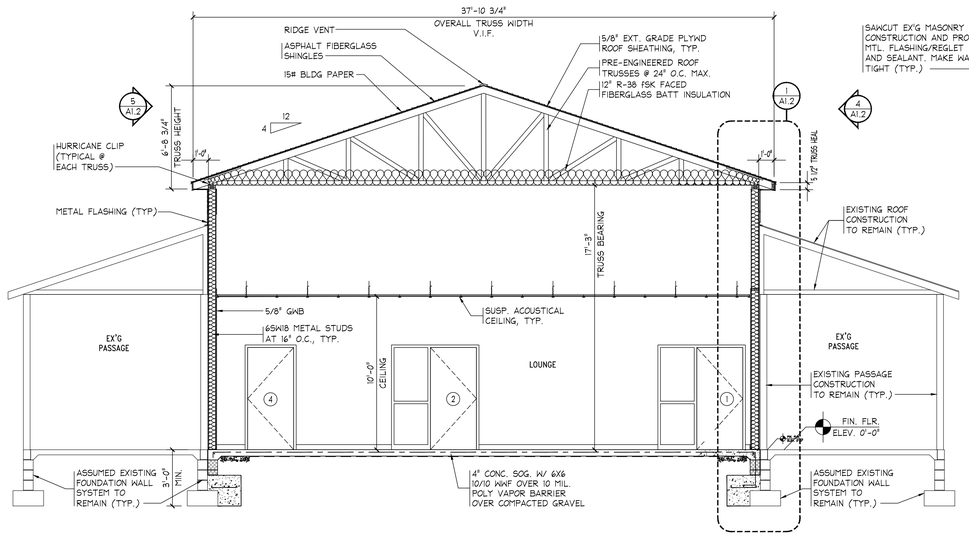
Project

ADMINISTRATIVE AREA ALTERATIONS AT

ACIT SOUTH WING

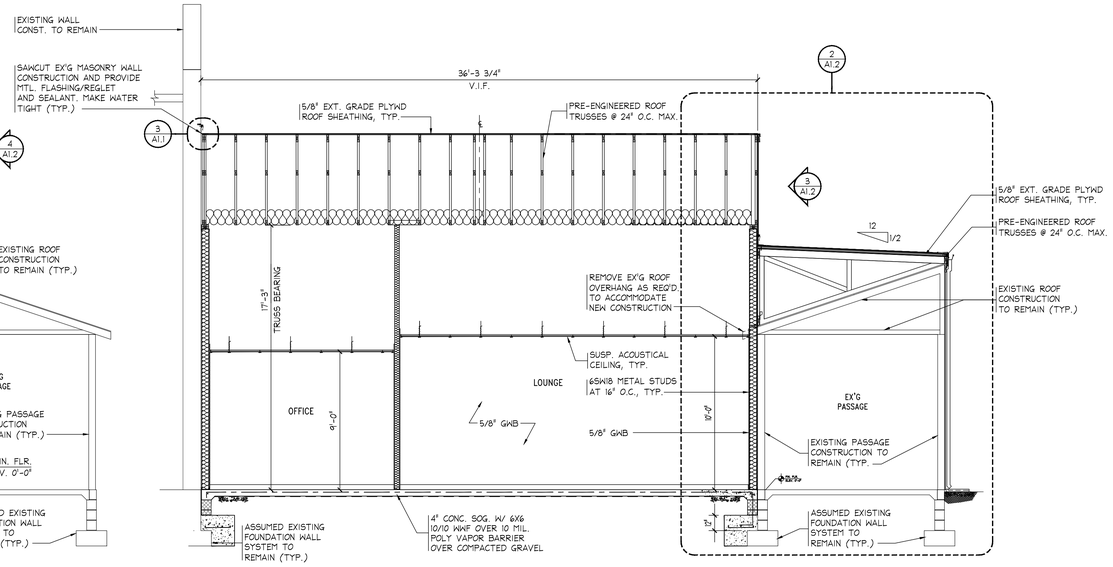
5080 ATLANTIC AVE.
MAYS LANDING, NJ 08330

Drawing		Sheet
FLOOR PLAN, REF. CEILING PLAN, ROOF PLAN, DOOR/FRAME TYPES SCHEDULES, PARTITION TYPES		A1.0
Scale: AS NOTED	Job: 20.023	1 of 3
Drawn	Date: 05/27/22	



BUILDING SECTION 1

SCALE: 1/4" = 1'-0"



BUILDING SECTION 2

SCALE: 1/4" = 1'-0"

ROOF DETAIL

3" = 1'-0"

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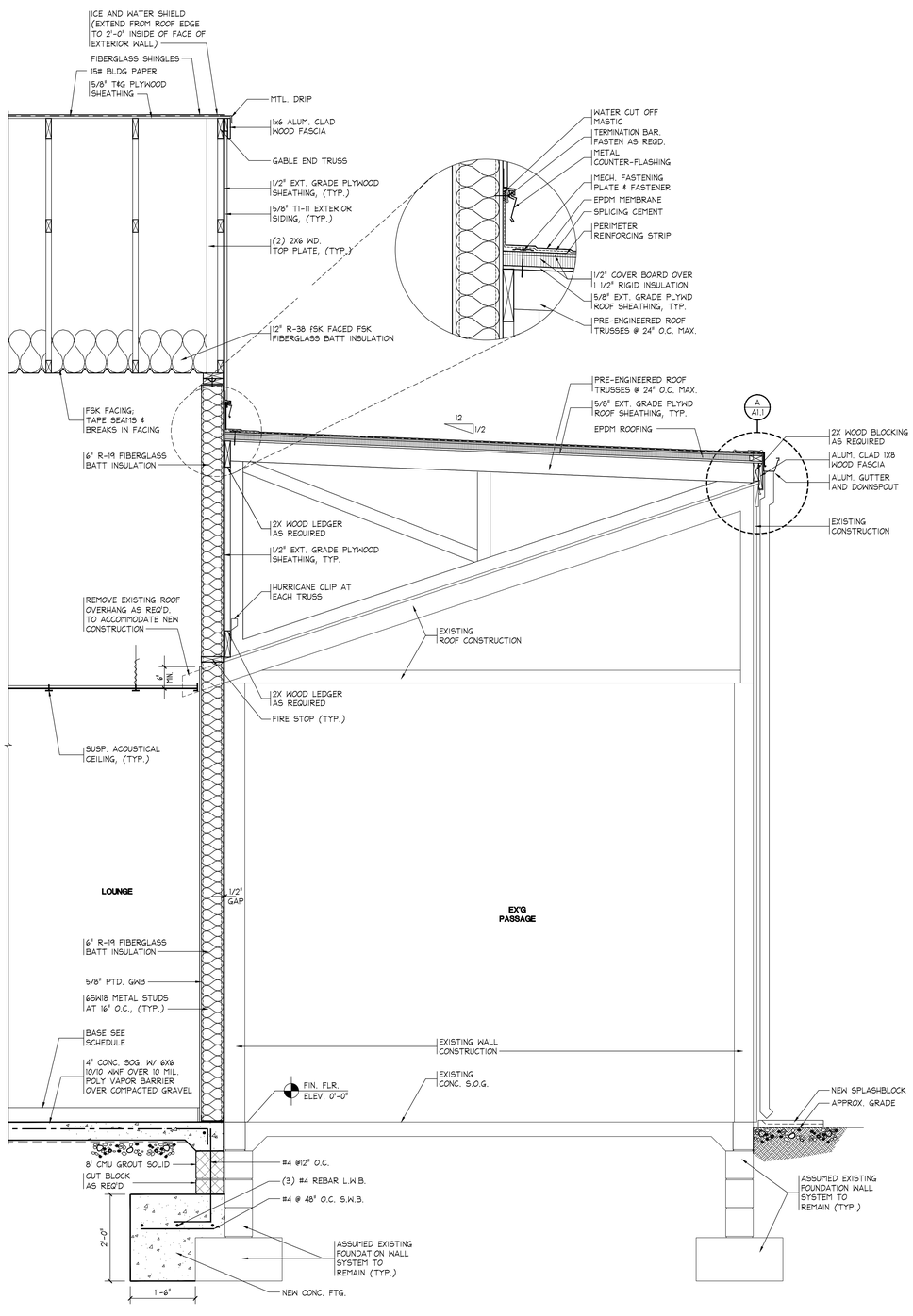
MAYS LANDING, NJ 08330

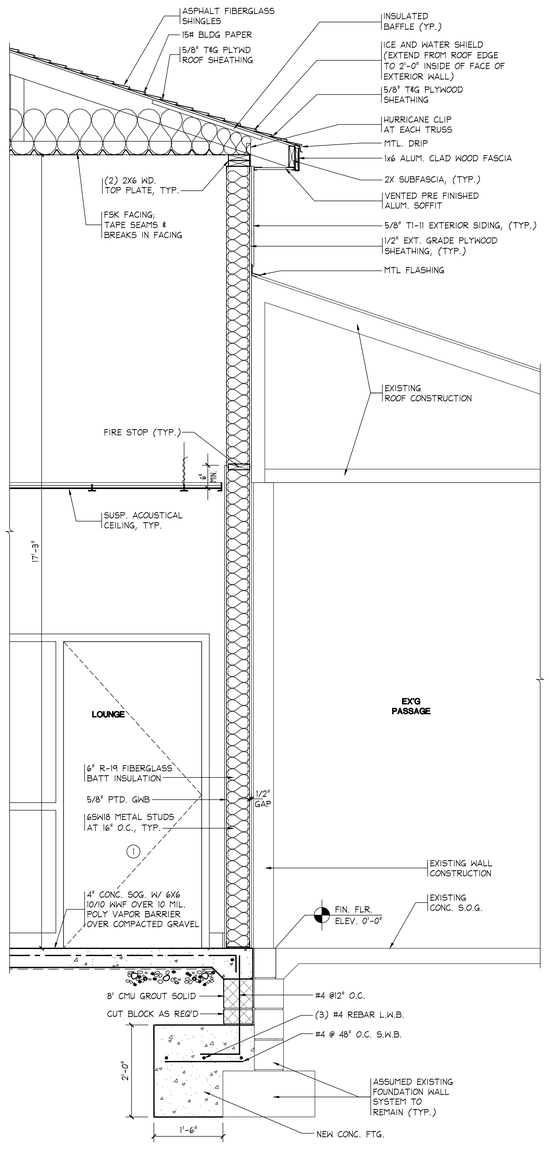
Drawing
BUILDING SECTIONS

Scale	Job	Sheet
AS NOTED	20.023	A1.1
Drawn	Date	2 of 3
	05/27/22	



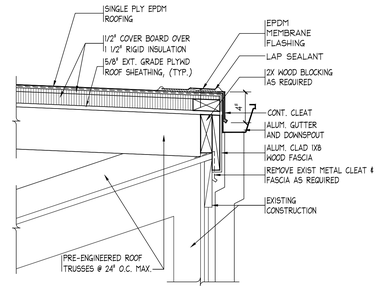
WALL SECTION

SCALE: 3/4" = 1'-0" — 1



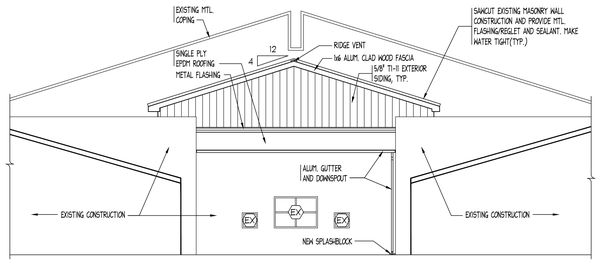
WALL SECTION

SCALE: 3/4" = 1'-0" — 2



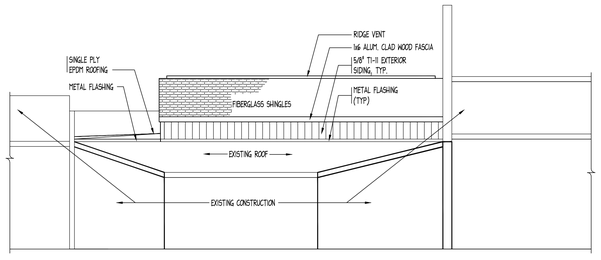
DETAIL

SCALE: 1 1/2" = 1'-0" — A



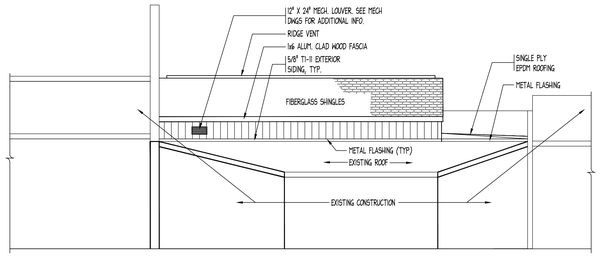
PARTIAL ELEVATION

SCALE: 1/8" = 1'-0" — 3



PARTIAL ELEVATION

SCALE: 1/8" = 1'-0" — 4



PARTIAL ELEVATION

SCALE: 1/8" = 1'-0" — 5

Revisions

No.	Date	Description

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ADMINISTRATIVE AREA ALTERATIONS AT

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MAYS LANDING, NJ 08330

Drawing

WALL SECTIONS, DETAILS ELEVATIONS

Scale	Job	Sheet
AS NOTED	20.023	A1.2
Drawn	Date	3 of 3
	05/27/22	

SCHEDULE OF LOUVERS

SYMBOL	MANUFACTURER	MODEL	TYPE	CFM	PRESSURE DROP (IN.)	VELOCITY (FPM)	FREE AREA (SF)	SIZE WXH (IN.)	MOUNTING	REMARKS
L–1	GREENHECK	ESD–603	INTAKE	400	0.06	500	1	24X12	SIDEWALL	ALL

NOTES:
1. PROVIDE WITH BIRDSCREEN.

SCHEDULE OF GRILLES & DIFFUSERS

SYMBOL	MANUFACTURER	MODEL	PANEL SIZE	CORE TYPE	INLET DIMENSION	NOMINAL CFM	THROW @100 FPM	PRESSURE DROP(IN.)	SOUND N.C.	MOUNTING	REMARKS
S–1	TITUS	TMS	24X24	LOUVERED	8"	200	11	0.049	11	CEILING	1,2
S–1	TITUS	TMS	12X12	LOUVERED	6"	100	11	0.049	11	CEILING	1,2
R–1	TITUS	350RL	26X26	GRILLE	24X24	2580	–	0.051	18	CEILING	1,2,3

NOTES:
1. COLOR SHALL BE AS DIRECTED BY ARCHITECT.
2. CONTRACTOR SHALL VERIFY CEILING/WALL TYPE PRIOR TO ORDERING.
3. PROVIDE RETURN FILTER GRILLE WITH (2) SETS OF FILTERS.

SCHEDULE OF FURNACE

SYMBOL	MANUFACTURER	MODEL	CFM	MINIMUM OUTSIDE AIR CFM	MAXIMUM OUTSIDE AIR CFM	GAS (MBTUH) INPUT	GAS (MBTUH) OUTPUT	MOTOR H.P.	E.S.P. (IN H_2O)	ELECTRICAL CHARACTERISTICS	REMARKS
AHU–1	TRANE	S9V2D120U5PSBB	2,150	400	400	120	116	1	0.5	120	1,2,3

NOTES:
1. DIVISION 16000 SHALL PROVIDE DISCONNECT SWITCH/OVERLOAD.
2. PROVIDE ALL DAMPERS, SENSORS, AND CONTROL COMPONENTS AS REQUIRED FOR SEQUENCE OF OPERATION INDICATED.
3. EXTERNAL STATIC PRESSURE, E.S.P. INCLUDES ONLY THE DUCT SYSTEM LOSSES.

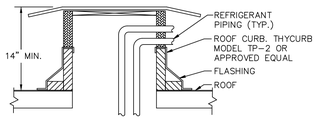
SCHEDULE OF SPLIT SYSTEM CONDENSING UNIT

SYMBOL	MANUFACTURER	MODEL	CAPACITY (TONS)	MINIMUM EFFICIENCY (EER/SEER)	MINIMUM STARTING AND OPERATING TEMPERATURE	REFRIGERATION TYPE	ELECTRICAL CHARACTERISTICS	MCA/MOP (AMPS)	REMARKS
ACCU–1	TRANE	ATT7060A	5	17	35	410A	208–3	22	1

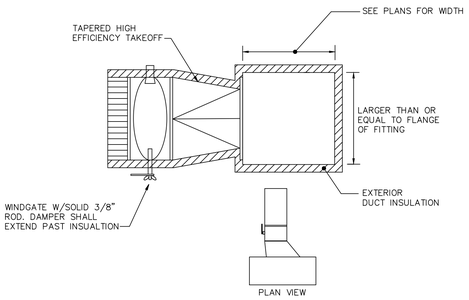
NOTES:
1. PROVIDE DISCONNECT SWITCH AND COMPRESSOR HEATER.

ROOM OUTSIDE AIR SCHEDULE

ROOM NUMBER	ROOM NAME	AREA	PEOPLE	CODE SUPPLY	CODE EXHAUST	O.A. SUPPLY	SUPPLY	RETURN	EXHAUST
–	SOUTH PASSAGE	287	–	17	–	38	200	0	–
–	STORAGE	85	–	10.2	–	19	100	0	–
–	OFFICE	120	1	12	–	28	150	150	–
–	CONFERENCE ROOM	204	6	42	–	57	300	300	–
–	LOUNGE AREA	793	13	225	–	228	1200	1300	–
–	NORTH PASSAGE	283	–	17	–	38	200	0	–

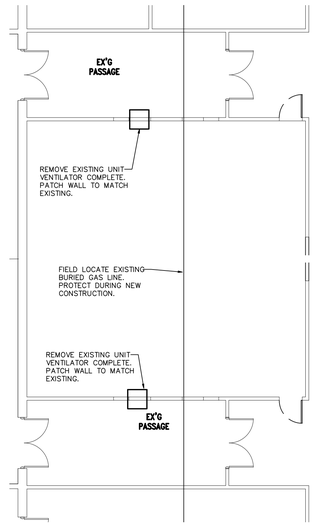


PIPE CURB DETAIL
SCALE: NONE

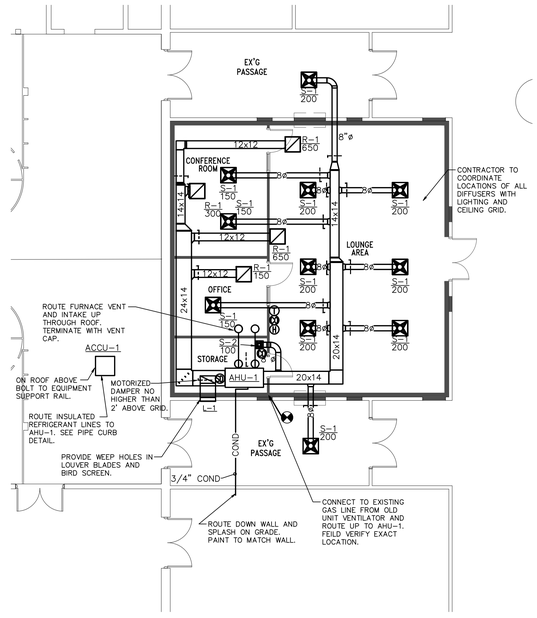


NOTE:
1. MINIMUM OF 6 SCREWS SHALL BE USED TO SECURE TO DUCT MAIN.
2. GSI HETOs ARE DESIGNED AND TESTED TO SURPASS SMACNA CLASS 3 LEAKAGE STANDARDS.
3. PRE–SEALED WITH GASKET MADE FROM EPDM RUBBER.

TAPERED FITTING W/ DAMPER DETAIL
SCALE: NONE



REMOVAL PLAN
SCALE: ⅛" = 1'–0"



MECHANICAL PLAN
SCALE: ⅛" = 1'–0"

GENERAL NOTES:

A. CONTRACTOR SHALL PROVIDE MANUFACTURER'S RECOMMENDED ACCESS TO ALL UNITS AND VALVES. ACCESS SHALL BE REMOVABLE CEILING TILES OR 24"x24" CEILING ACCESS PANELS. COORDINATE LOCATION OF MECHANICAL EQUIPMENT WITH OTHER TRADES TO AVOID CONFLICT.

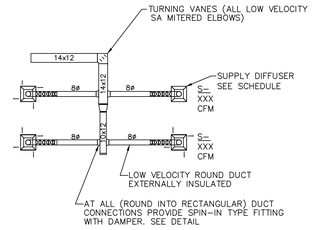
B. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR LOCATION OF GRILLES AND DIFFUSERS.

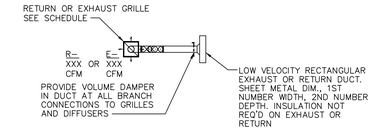
C. FOR ALL WALLS THAT ARE EXTENDED TO STRUCTURE PROVIDE SLEEVES FOR PIPING AND DUCTWORK PENETRATING WALLS PER SPECS.

D. DRAWING IS DIAGRAMMATIC, PROVIDE ADDITIONAL OFFSETS, TRANSITIONS, ETC. AS REQUIRED TO AVOID INTERFERENCE'S ENCOUNTERED.

SHEET NOTES:

1. AHU–1 TO BE SUSPENDED FROM STRUCTURE SPANNING 3 ROOF JOIST MINIMUM. PROVIDE UNISTRUT AS NEEDED FOR SPAN... HANG WITH VIBRATION ISOLATORS NO MORE THAN 18 INCHES ABOVE CEILING. AHU–1 SHALL AUXILIARY DRAIN PAN UNDER UNIT WITH DRAIN TO EXTERIOR.
2. MOTORIZED DAMPER TO BE INTERLOCKED WITH AHU–1 TO OPEN WHEN FAN IS ENERGIZED. DAMPER TO BE INTEGRATED INTO EXISTING BMS. PROVIDE CONTACTS FOR POSITIVE DAMPER OPEN/CLOS STATUS. AHU–1 TO HEAT/COOL WITH MANUAL CHANGE OVER PROGRAMMABLE THERMOSTAT THROUGH BMS, PROGRAM WITH EXISTING BUILDING AUTOMATION SYSTEM. PROVIDE ALARM FOR CARBON MONOXIDE DETECTION. PROVIDE SMOKE DETECTOR IN RETURN DUCT NO MORE THAN 3 FT FROM UNIT.
3. AHU–1 TO HAVE UVC EMITTING LIGHT IN DX COIL SECTION. LIGHT SHALL BE STERILE AIRE SE SERIES FIELD MOUNTED, WIRE TO UNIT DISCONNECT SWITCH.
4. ACCU–1 TO BE MOUNTED ON ROOF CURB. ANCHOR AS REQUIRED TO PREVENT MOVEMENT. ROUTE REFRIGERANT LINES DOWN THROUGH ROOF AND OVER TO AHU–1. INSULATE REFRIGERANT LINES.
5. ALL DUCTWORK TO BE SHEET METAL WITH EXTERNAL INSULATION.
6. EXISTING GAS LINE TO BE FIELD LOCATED PRIOR TO CONSTRUCTION. PROTECT IN PLACE DURING CONSTRUCTION.
7. ROUTE NEW SUPPLY DUCT THROUGH EXISTING WALL TO EXISTING CORRIDOR CEILING SPACE. FIELD VERIFY EXACT LOCATION TO AVOID EXISTING CEILING STRUCTURE AND OBSTACLES.
8. COORDINATE WITH ARCHITECT FOR EXACT LOUVER LOCATION AND COLOR PRIOR TO PURCHASE OF LOUVER.





SUPPLY DUCT UP–DOWN

RETURN DUCT UP–DOWN

EXHAUST DUCT UP–DOWN

HVAC DUCT LEGEND
SCALE: NONE

NOTES:
1. ALL DUCTWORK DIMENSIONS ARE SHEET METAL DIMENSIONS.

Ⓗ HUMIDISTAT

Ⓣ THERMOSTAT

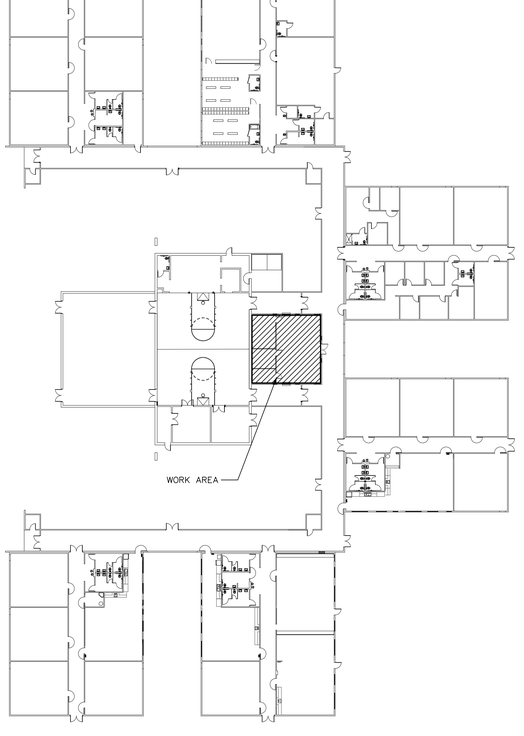
Ⓒ CO SENSOR – TO MEET UL2034 STANDARD

NEW TO EXISTING CONNECTION

DDC POINT LIST TO BUILDING BMS

1. ROOM TEMPERATURE
2. ROOM TEMPERATURE SETPOINT
3. ROOM HUMIDITY
4. ROOM CARBON MONOXIDE
5. DUCT SMOKE DETECTOR
6. O.A. DAMPER OPEN/CLOSE
7. O.A. DAMPER STATUS
8. AHU–1 ENABLE/DISABLE
9. AHU–1 LOW TEMP ALARM
10. AHU–1 GAS HEAT STATUS
11. ACCU–1 ENABLE/DISABLE
12. ACCU–1 STATUS

NOTES:
1. ALL DDC POINTS TO BE INTEGRATED INTO EXISTING BMS SYSTEM. PROVIDE ALL CONTROLLERS, DEVISES, WIRERING AND PROGRAMMING REQUIRED FOR REMOTE OPERATION IN EXISTING BMS.



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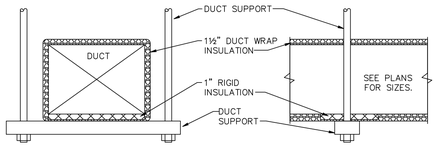
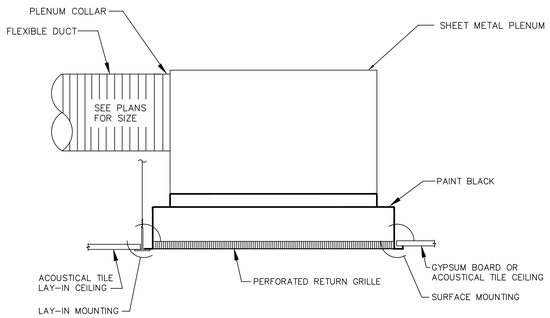


NOTE:
1. PROVIDE 1" RIGID INSULATION BOARD AT EACH DUCT HANGER. INSTALL DUCT WRAP INSULATION AROUND RIGID INSULATION BOARD.
2. COORDINATE ROUTING WITH JOIST MANUFACTURE.

DUCT HANGER DETAIL
SCALE: NONE



RETURN / EXHAUST GRILLE CONNECTION DETAIL
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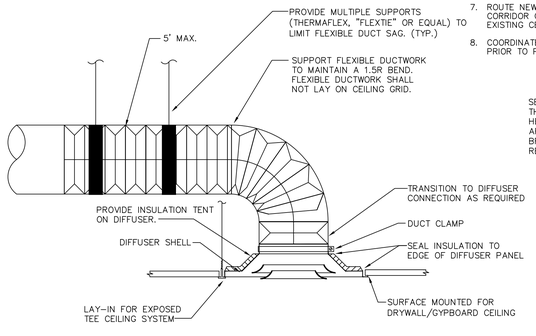

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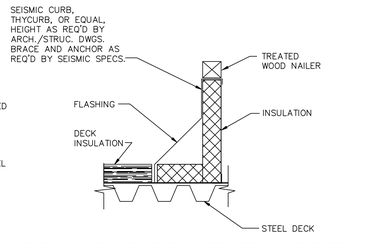

TYPICAL EQUIPMENT SUPPORT CURB DETAIL
SCALE: NONE

Revisions

No.	Date	Description

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Project
ADMINISTRATIVE AREA ALTERATIONS AT
ACIT SOUTH WING
5080 ATLANTIC AVE.
MAYS LANDING, NJ 08330

Drawing		
HVAC DEMO PLAN & HVAC PLAN		
Scale: AS NOTED	Job: 20.023	Sheet: M1.0
Drawn: KJS	Date: 05/27/22	1 of 1

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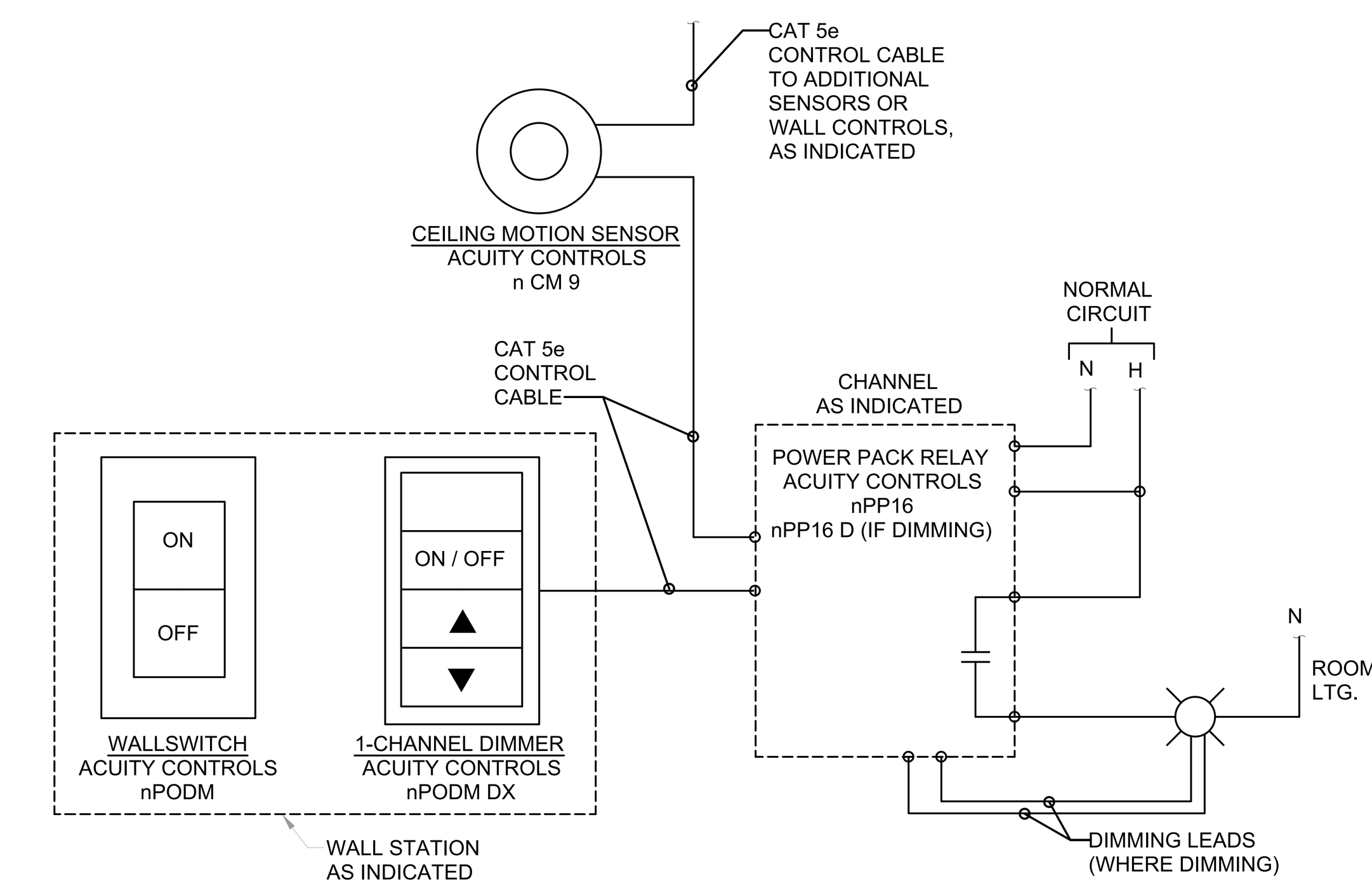
ELECTRICAL LEGEND

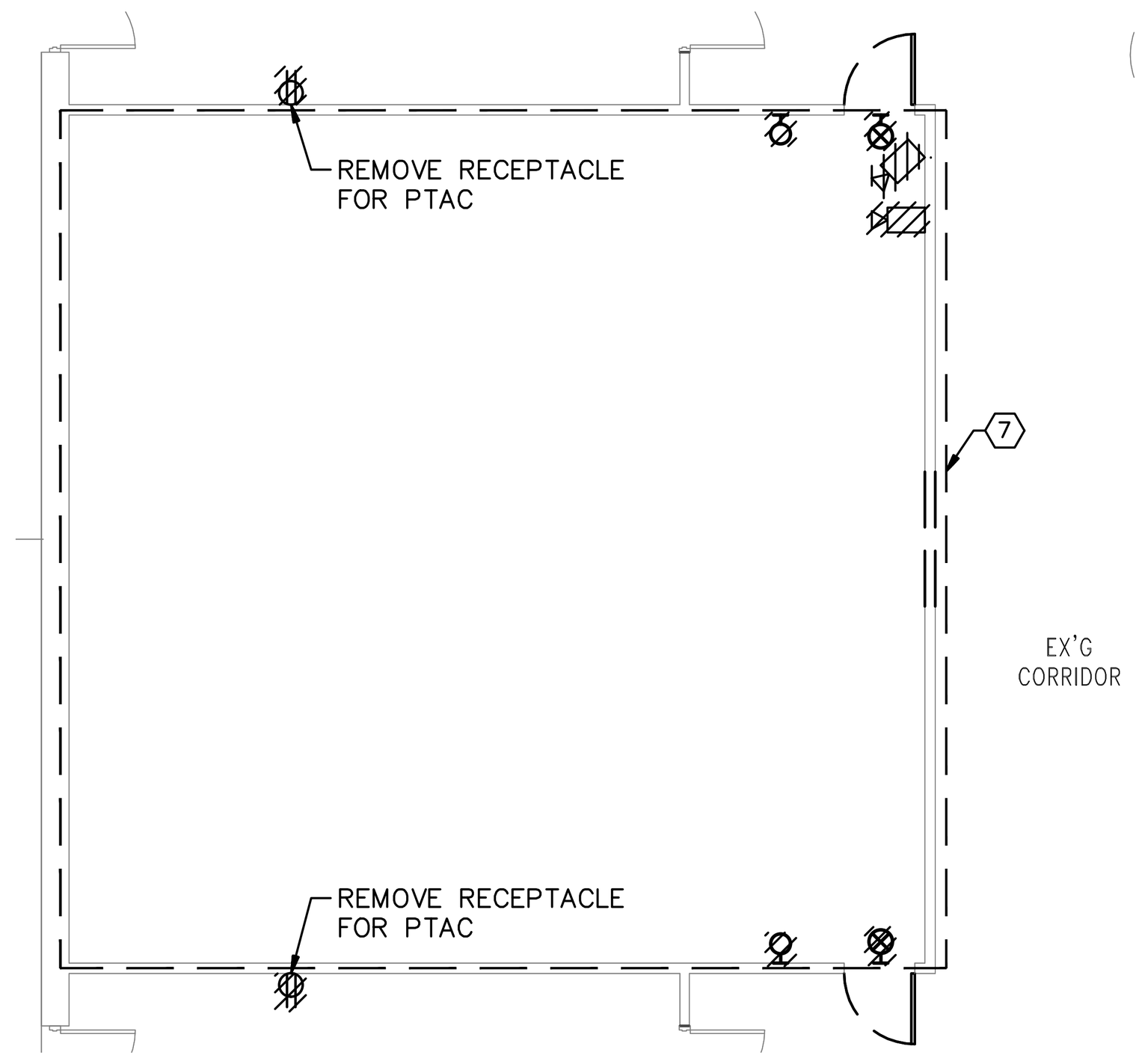
SYMBOL	DESCRIPTION
○ (box)	CEILING OUTLET AND LIGHTING FIXTURE AS SCHEDULED.
◒ (box)	CEILING OUTLET AND LIGHTING FIXTURE WITH INTEGRAL 90 MINUTE BACKUP BATTERY PACK AS SCHEDULED.
⊗	WALL OUTLET AND EXIT LIGHTING FIXTURE AS SCHEDULED.
⟨A⟩	LIGHTING FIXTURE TYPE.
"a,b,c"	LOWER CASE LETTERS AT OUTLETS INDICATE SWITCHING ARRANGEMENT.
"1,2,3"	NUMBER AT OUTLET INDICATES CIRCUIT ARRANGEMENT.
"NL"	SUBSCRIPT INDICATED LIGHTING FIXTURE IS NON–SWITCHED AND SERVES AS A NIGHT LIGHT.
S	SINGLE POLE 20A SWITCH. MOUNT 48" A.F.F. TO TOP, UNLESS NOTED OTHERWISE. SUBSCRIPT: MS = VACANCY SENSOR SIMILAR TO ACUITY MODEL WSX–PDT.
(dimmer symbol)	DIMMER SWITCH 1KW RATED UNLESS NOTED OTHERWISE MOUNT 48" A.F.F. TO TOP, UNLESS NOTED OTHERWISE. SUBSCRIPT: LV = LOW VOLTAGE CONTROLLER SIMILAR TO ACUITY MODEL NPODM–DX
(MS)	CEILING OUTLET AND DUAL TECHNOLOGY MOTION SENSOR FOR LIGHTING CONTROL WITH AUTOMATIC AND MANUAL–ON CONTROL OPERATION. ACUITY MODEL CM–PDT9 OR EQUAL.
(SD)	CEILING MOUNT SMOKE DETECTOR. FIRE ALARM SYSTEM.
(HD)	CEILING MOUNT HEAT DETECTOR. FIRE ALARM SYSTEM.
H	FIRE ALARM SYSTEM SPEAKER/STROBE DEVICE. WALL MOUNT AT 80 INCHES A.F.F. TO BOTTOM, OR 6 INCHES BELOW CEILING TO TOP, WHICHEVER IS LOWER.
ST	FIRE ALARM SYSTEM VISUAL ONLY DEVICE. WALL MOUNT AT 80 INCHES A.F.F. TO BOTTOM, OR 6 INCHES BELOW CEILING TO TOP, WHICHEVER IS LOWER.
◁	OUTLET BOX IN WALL FOR OWNER PROVIDED DATA DROP. PROVIDE 1" CONDUIT FROM OUTLET BOX TO ACCESSIBLE CEILING CAVITY AND PROVIDE BUSH END. MOUNT 16" A.F.F. TO BOTTOM, UNLESS NOTED OTHERWISE.
(panelboard symbol)	SURFACE MOUNTED PANELBOARD.
PHASE CONDUCTORS / NEUTRAL / GROUND	CIRCUIT CONCEALED IN CEILING OR WALL. CROSSBARS INDICATE NUMBER OF CONDUCTORS REQUIRED. CONDUIT NOT SIZED IS 3/4 INCH. CONDUCTORS NOT SIZED ARE NO. 12.
LA1–1,3	HOMERUN TO PANELBOARD INDICATED. NUMBER OF ARROWHEADS INDICATES NUMBER OF CIRCUITS. NUMBER INDICATES CIRCUIT NUMBERS. PREFIX INDICATES PANEL NUMBER.

LIGHTING FIXTURE SCHEDULE

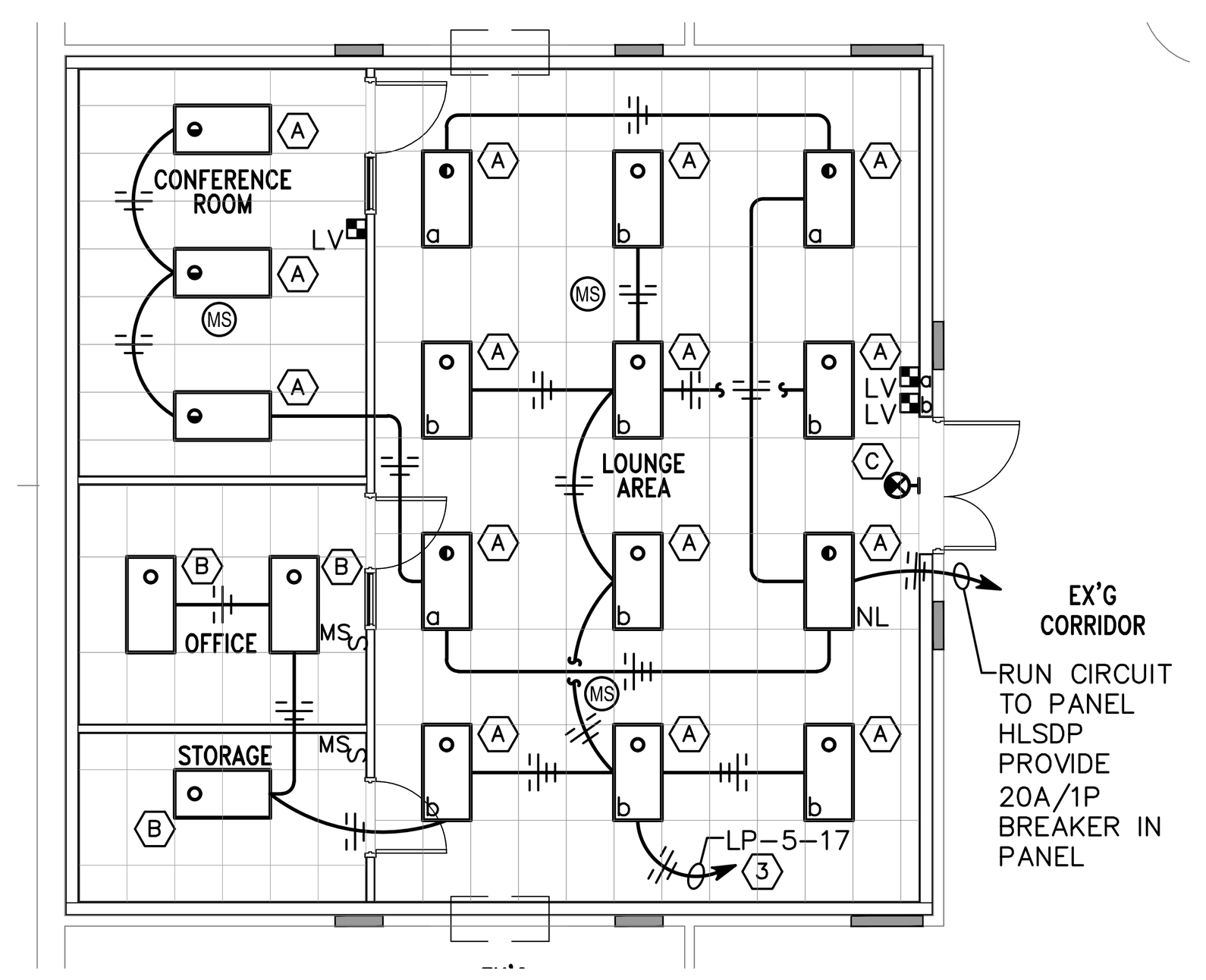
SYMBOL	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	LAMP			FIXTURE VOLTAGE	MOUNTING
				TYPE	NO	WATTS		
A	2x4 LED FLAT PANEL FIXTURE WITH LENS, 3500K, 50W MINIMUM 10% DIMMING	RAB	EZPANFA2x4/D10	LED	–	–	MVOLT	LAY–IN
B	2x4 LED FLAT PANEL FIXTURE WITH LENS, 3500K, 40W MINIMUM 10% DIMMING	RAB	EZPANFA2x4/D10	LED	–	–	MVOLT	LAY–IN
C	LED SINGLE FACED EXIT LIGHT WITH WHITE HOUSING, WHITE FACE ANDS RED STENCIL LETTER	LITHONIA	LESIRW	LED	–	–	MVOLT	UNIVERSAL



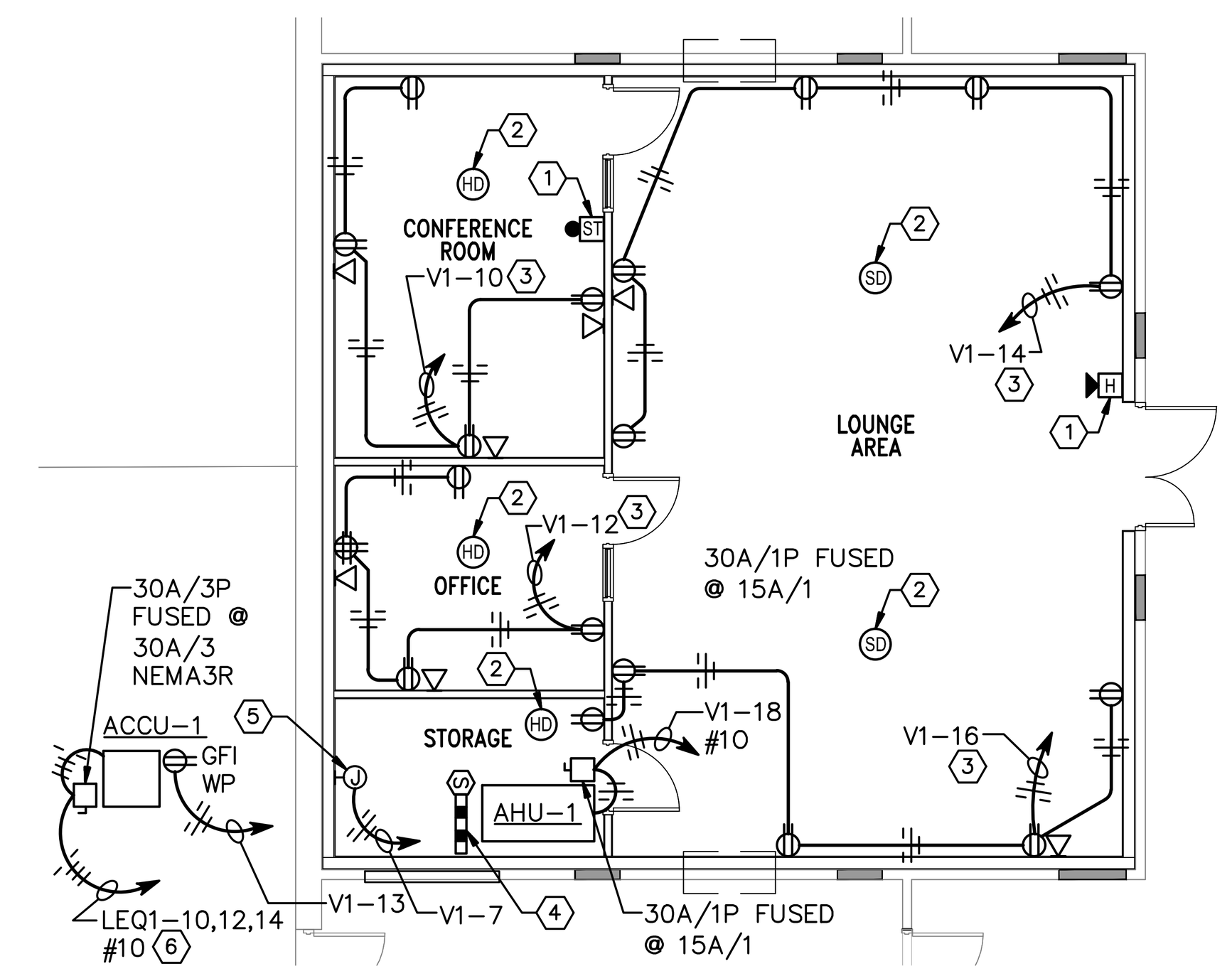
LOW VOLTAGE LIGHTING CONTROL DETAIL
SCALE: NONE



REMOVAL PLAN
SCALE: ⅛" = 1'–0"



LIGHTING PLAN
SCALE: ⅛" = 1'–0"



POWER PLAN
SCALE: ⅛" = 1'–0"

GENERAL ELECTRICAL NOTES:

A. THE REMOVAL PLAN DRAWINGS SHALL SERVE TO AID THE CONTRACTOR IN HIS EVALUATION OF THE EXTENT OF REMOVALS, BUT SHALL NOT BE HELD TO BE ALL INCLUSIVE.

B. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE BUILDING AND SITE TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS, VERIFY SIZE, LOCATION, AND USAGE OF UTILITIES AND EQUIPMENT PRIOR TO REMOVAL.

C. FOR FURTHER INFORMATION WITH REGARD TO THE EXTENT OF REMOVALS, SEE NEW CONSTRUCTION PLANS AND ARCHITECTURAL PLANS WHICH ILLUSTRATE THE NEW CONSTRUCTION.

D. ALL EQUIPMENT REMOVED FOR RELOCATION SHALL BE REMOVED IN SUCH A MANNER THAT REUSE IS POSSIBLE.

E. PATCH ALL OPENINGS IN WALLS, FLOORS, AND CEILINGS WHERE REMOVAL OF EQUIPMENT OR DEVICES CREATES SUCH OPENINGS. PATCH OPENINGS TO MATCH EXISTING.

F. IF PORTIONS OF CIRCUITS SERVING EQUIPMENT TO REMAIN MUST BE RELOCATED OR REMOVED DUE TO OTHER REMOVAL OR DUE TO INTERFERENCE WITH NEW EQUIPMENT INSTALLATION, THE CIRCUITS SHALL BE MODIFIED IN SUCH A MANNER WHICH WILL ENSURE THE PROPER OPERATION OF THE EQUIPMENT AFTER CONSTRUCTION IS COMPLETE. USE THE SAME TYPE OF CONDUCTOR AND SAME CONDUIT SIZE AS EXISTING TO MAKE ALL REQUIRED CONNECTIONS.

G. IF WALLS, CEILINGS, FLOORS, OR EQUIPMENT ARE REMOVED, OR OTHER REMOVAL OCCURS, WHICH EXPOSES CIRCUITS TO REMAIN. THE CIRCUITS SHALL BE RELOCATED OR MODIFIED IN SUCH A MANNER WHICH SHALL ENSURE CONTINUED OPERATION OF THE CIRCUIT. EXISTING CONDUITS EXPOSED DURING REMOVALS WHICH REMAIN TO SERVE EQUIPMENT SHALL BE RESUPPORTED IN ACCORDANCE WITH THE REQUIREMENTS FOR RACEWAY INSTALLATION IN THE SPECIFICATIONS.

H. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REMOVALS REQUIRED FOR THE INSTALLATION OF NEW WORK, WHETHER OR NOT IT IS SPECIFICALLY INDICATED OR NOTED IN THESE DOCUMENTS.

I. ALL CONDUIT RUNS TO REMOVED EQUIPMENT OR DEVICES SHALL BE COMPLETELY REMOVED BACK TO SOURCE INCLUDING ALL HANGERS, BEAM CLAMPS, MISCELLANEOUS SUPPORTS, AND WIRING, UNLESS WIRING IS REQUIRED TO SERVE EXISTING EQUIPMENT TO REMAIN.

J. ALL WIRING DEVICES TO BE REMOVED SHALL BE REMOVED COMPLETELY INCLUDING OUTLET BOX.

K. ALL DEVICES, FIXTURES, EQUIPMENT, AND MATERIAL DETERMINED BY THE OWNER TO BE SALVAGEABLE SHALL REMAIN THE PROPERTY OF THE OWNER AND STORED AT THE LOCATION ON THE PREMISES DESIGNATED BY THE OWNER. CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISPOSAL OF ALL OTHER ELECTRICAL EQUIPMENT WHICH IS DISCONNECTED AND REMOVED DURING DEMOLITION, UNLESS NOTED OTHERWISE.

L. REMOVE ALL ABANDONED ELECTRICAL EQUIPMENT, WIRING & CONDUIT WITHIN PROJECT AREA.

M. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING & REPLACING ACOUSTICAL LAY–IN CEILING FOR ROUTING OF FEEDERS AND COMMUNICATION CABLING, UNLESS SPECIFICALLY NOTED OTHERWISE OR SHOWN ON ARCHITECTURAL DRAWINGS. ALL DAMAGED TILE SHALL BE REPLACED WITH NEW TILE TO MATCH EXISTING.

N. COORDINATE CONDUIT ROUTING WITH MECHANICAL CONTRACTOR TO AVOID CONFLICTS WITH EQUIPMENT AND EQUIPMENT CLEARANCE.

O. SEAL AROUND ALL NEW WALL PENETRATIONS WITH FIRE STOPPING.

P. FINAL CONNECTION TO ALL CEILING MOUNTED DEVICES SHALL BE MADE WITH FLEX CONDUIT.

Q. ALL FIXTURES AND DEVICES SHOWN ON REMOVAL PLANS AS HIDDEN/ DASHED OR HATCHED SHALL BE DISCONNECTED/ REMOVED UNLESS NOTED OTHERWISE.

R. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT MOUNTING HEIGHTS AND LOCATIONS FOR ALL WIRING DEVICES.

S. VERIFY ALL EQUIPMENT LOCATIONS WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH–IN.

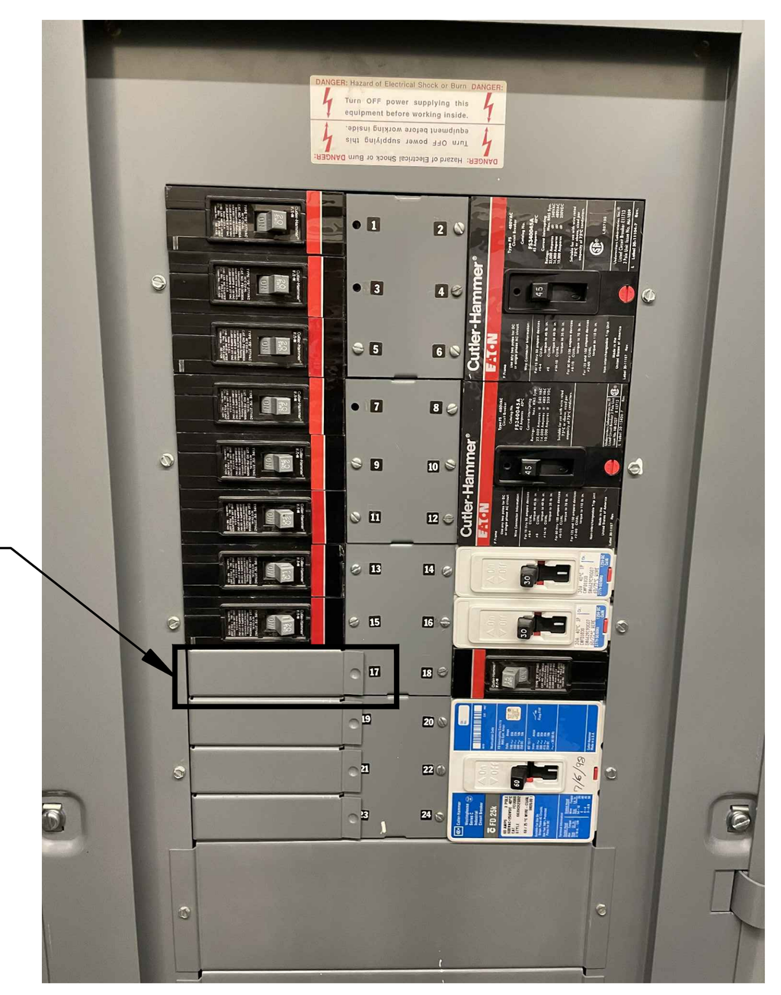
T. BRANCH CIRCUIT NEUTRAL CONDUCTORS SHALL NOT BE SHARED WITH ANOTHER CIRCUIT.

U. EACH BRANCH CIRCUIT SHALL BE EQUIPPED WITH A GREEN EQUIPMENT GROUNDING CONDUCTOR

SHEET NOTES:

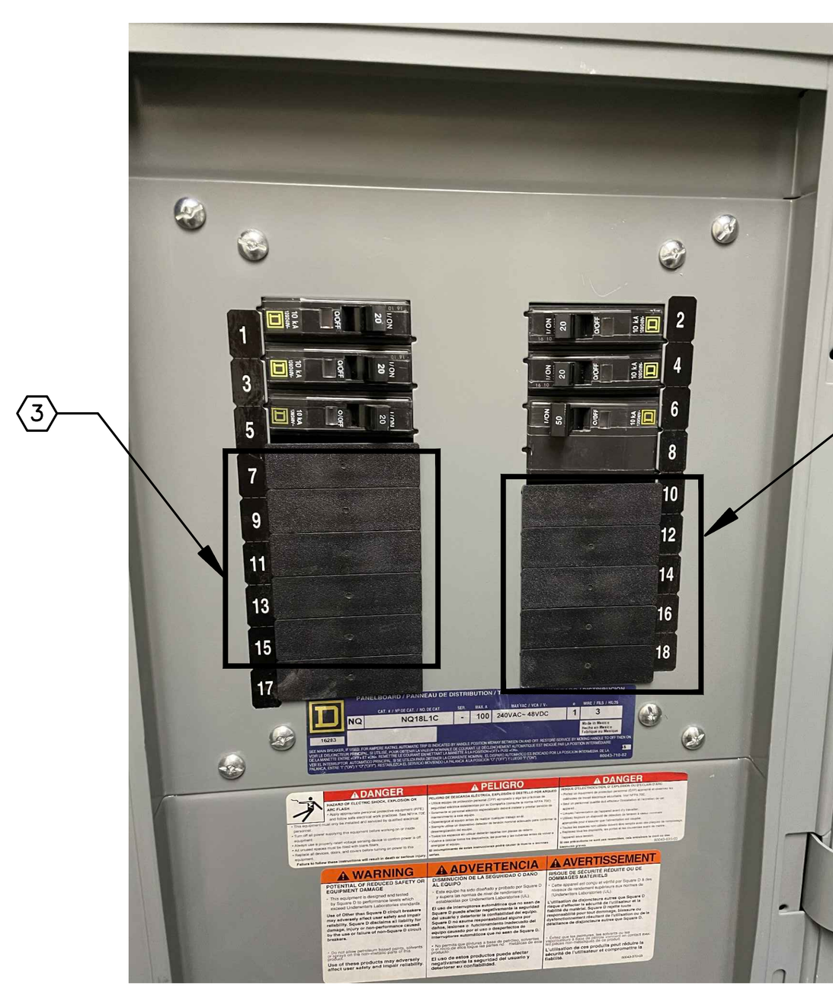
1. PROVIDE FIRE ALARM AUDIO/VISUAL OR VISUAL UNIT. CONNECT TO EXISTING FIRE ALARM SYSTEM. NEW DEVICES SHALL BE COMPATIBLE WITH EXISTING SYSTEM. PROVIDE ALL REQUIRED WIRING, HARDWARE, CONDUIT, AND PROGRAMMING.
2. FIRE ALARM SYSTEM DEVICE. CONNECT TO EXISTING FIRE ALARM CONTROL PANEL. PROVIDE ALL REQUIRED WIRING, HARDWARE, AND PROGRAMMING.
3. PROVIDE NEW 20A/1P BREAKER IN AVAILABLE BREAKER SPACE, TYPE AND RATING TO MATCH EXISTING.
4. PROVIDE DUCT MOUNTED SMOKE DETECTOR. CONNECT TO EXISTING FIRE ALARM CONTROL PANEL. ACTIVATION OF DETECTOR SHALL SHUT DOWN UNIT AND SOUND GENERAL ALARM. PROVIDE ALL REQUIRED WIRING AND CONDUIT.
5. JUNCTION BOX WITH POWER FOR TEMP CONTROL AND CO_2 MONITOR. COORDINATE EXACT LOCATION.
6. PROVIDE NEW 30A/3P BREAKER IN AVAILABLE BREAKER SPACE, TYPE AND RATING TO MATCH EXISTING.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL LIGHT FIXTURES, LOW VOLTAGE DEVICES, AND FIRE ALARM DEVICES IN RENOVATED AREA TO ACCOMMODATE NEW CONSTRUCTION.

3



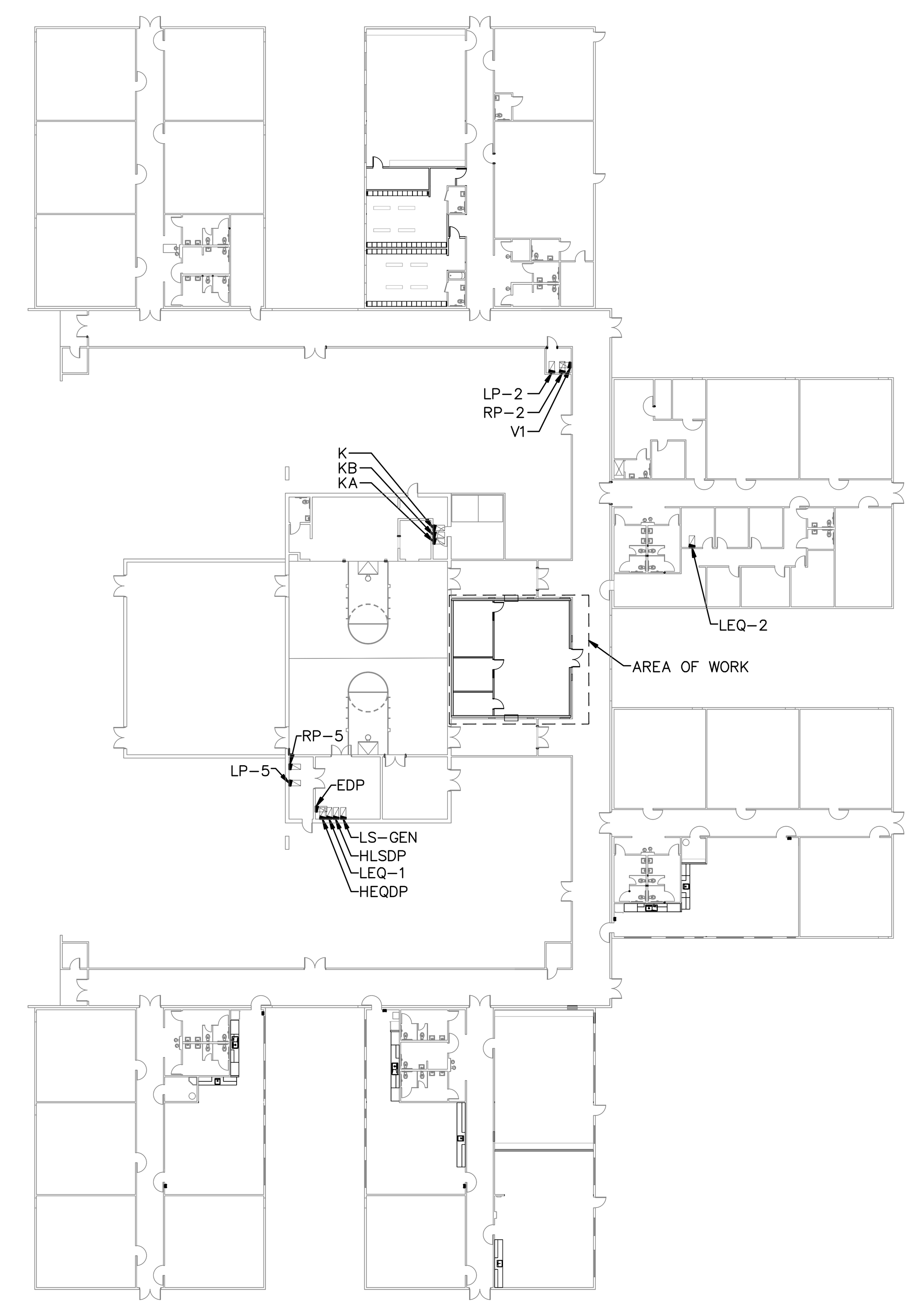
PANEL LP-5

3



3

PANEL V1



KEY PLAN
SCALE: NONE

BCCLT CONSULTING ENGINEERS

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Project
ADMINISTRATIVE AREA ALTERATIONS AT
ACIT SOUTH WING
5080 ATLANTIC AVE.
MAYS LANDING, NJ 08330

Drawing
ELECTRICAL PLANS

Scale	Job	Sheet
AS NOTED	20.023	E1.0
Drawn	Date	1 of 1
SMH	05/27/22	

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