Renovations for the Proposed:

Anderson County Senior Center

96 Mariner Point Drive
Clinton, Tennessee 37716

07.31.2020

Construction Documents
07.31.2020

		Permit Set: 07.31.2020	Revision 1: 08.28.2020	Revision 2: 10.05.2020	2
TITLE					
T0.0	Cover Sheet	●	●	●	
T0.1	General Accessibility Details	●			
LIFE SAFETY					
LS1.1	Life Safety Plan & Code Review	●		●	
ARCHITECTURAL DEMOLITION					
AD 1.1	Demolition Plan	●	●	●	
ARCHITECTURAL					
A1.1	Floor Plan	●	●		
A1.2	Kitchen Equipment Plan & Schedule	●	●	●	
A2.1	Reflected Ceiling Plan	●		●	
A7.0	Door Schedule, Finish Index & Schedule	●	●		
A7.1	Finish Floor Plan	●	●		
A8.1	Interior Elevations	●	●		
A9.1	Interior Details	●			
PLUMBING					
P0.1	Specifications	●			
P0.2	Schedules, Legend, & Abbreviations	●			
P0.3	Details	●			
P0.4	Riser Diagrams	●	●		
P1.1	Floor Plan	●	●		
MECHANICAL					
M0.1	General	●			
M0.2	Details	●			
M0.3	Schedules	●			
M0.4	Hood Package Selection	●		●	
M0.5	Hood Package Selection	●		●	
M0.6	Hood Package Selection	●		●	
M0.7	Hood Package Selection	●		●	
M0.8	Hood Package Selection	●		●	
M0.9	Hood Package Selection			●	
M1.1	Floor Plan - New Work	●	●		
ELECTRICAL					
E0.1	Specifications	●			
E0.2	General	●			
E0.3	Schedules	●		●	
E1.1	Floor Plan - Power	●	●	●	
E2.1	Floor Plan - Lighting	●		●	

Owner:
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5 Project Contacts
NTS

CENTER LINE
COLUMN GRID
ELEVATION MARKER (Name / Elevation)
POINT ELEVATION
DOOR IDENTIFICATION (101)
WINDOW IDENTIFICATION (1)
CEILING IDENTIFICATION (1 / 1'-11 1/2")
WALL TYPE (1A)
ACCESSORY TAG (TLT-01)
ROOM IDENTIFICATION (Room Name / 101A)
REVISION NOTE (1)
DEMO NOTE (1)
EXTERIOR ELEVATION (1 / A2.2B)
INTERIOR FINISH ELEVATION (1 / A101 / 1)
NORTH ARROW
BUILDING SECTION (SIM / 1 / A101)
WALL SECTION (SIM / 1 / A101)

3 Graphic Symbols
NTS

EARTH
GRAVEL
CONCRETE
RIGID INSULATION
METAL
PLYWOOD
WOOD - FINISHED
WOOD - ROUGH
BATT INSULATION
GYPSUM BOARD
ACOUSTIC TILE
MASONRY VENEER
CONCRETE MASONRY UNIT

4 Materials Legend
NTS

1. DO NOT SCALE DRAWINGS. IF DIMENSIONS ARE IN QUESTION, CONTRACTOR SHALL OBTAIN CLARIFICATION, IN WRITING, FROM THE ARCHITECT.
2. INTERIOR AND EXTERIOR WALL AND PARTITION DIMENSIONS ARE FROM FACE OF STUD TO FACE OF STUD UNLESS NOTED OTHERWISE. MASONRY DIMENSIONS ARE FROM OUTSIDE EDGE TO OUTSIDE EDGE UNLESS NOTED OTHERWISE.
3. CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL CODES, REGULATIONS AND ORDINANCES AND SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED FOR CONSTRUCTION.
4. FIRE EXTINGUISHER(S) ARE REQUIRED IN THE SPACE PER NFPA 10. MOUNT CABINETS AND EXTINGUISHERS AT LOCATIONS SHOWN ON THE DRAWINGS OR AS DIRECTED BY THE FIRE/BUILDING INSPECTOR.
5. CONSTRUCTION MATERIALS SPECIFIED AND NOTED ON THE DRAWINGS ARE REPRESENTATIVE OF THE GENERAL DESIGN INTENT.
6. GENERAL CONTRACTOR TO VERIFY CONDITIONS PRIOR TO BIDDING. IF CONDITIONS ARE DIFFERENT THAN SHOWN IN DRAWINGS, CONTACT ARCHITECT IMMEDIATELY.
7. WHERE A DETAIL IS SHOWN OR A NOTE IS DESCRIBED FOR ONE CONDITION, IT SHALL APPLY FOR ALL LIKE OR SIMILAR CONDITIONS EVEN THOUGH NOT SPECIFICALLY NOTED ON THE DRAWINGS.
8. CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO PROTECT SURROUNDINGS PROPERTY, STREETS, WALKS, ETC. DURING CONSTRUCTION ACTIVITIES AND SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE CAUSED AS A RESULT.
9. CONTRACTOR TO COORDINATE LOCATION OF TEMPORARY CONSTRUCTION BARRIERS WITH OWNER. MEANS OF EGRESS EXIT ACCESS ROUTES MUST REMAIN OPEN AND ACCESSIBLE TO ALL OCCUPANTS.
10. REQUESTS FOR SUBSTITUTIONS MAY BE PERMITTED PER THE GENERAL CONDITIONS.

2 General Notes
NTS

ADD ALTERNATE 1
INVOLVES CONSTRUCTION OF THE RECEPTION DESK IN THE LOBBY AND ASSOCIATED ELECTRICAL. IN BASE BID, NO RECEPTION DESK IS CONSTRUCTED.

ADD ALTERNATE 2
INVOLVES THE RELOCATION OF EXISTING CASEWORK TO NEW AREAS AND CONSTRUCTION OF ADDITIONAL MILLWORK AROUND EXISTING, RELOCATED CASEWORK.

ADD ALTERNATE 3
INVOLVES THE PROVISION OF PERFORMANCE AND PAYMENT BONDS.

ADD ALTERNATE 4
INVOLVES THE INSTALLATION OF A 4" UNDERGROUND SANITARY LINE THROUGH THE PARKING LOT WITH TRENCHING AND ASPHALT PATCHING.

1 Bid Alternate Descriptions
NTS

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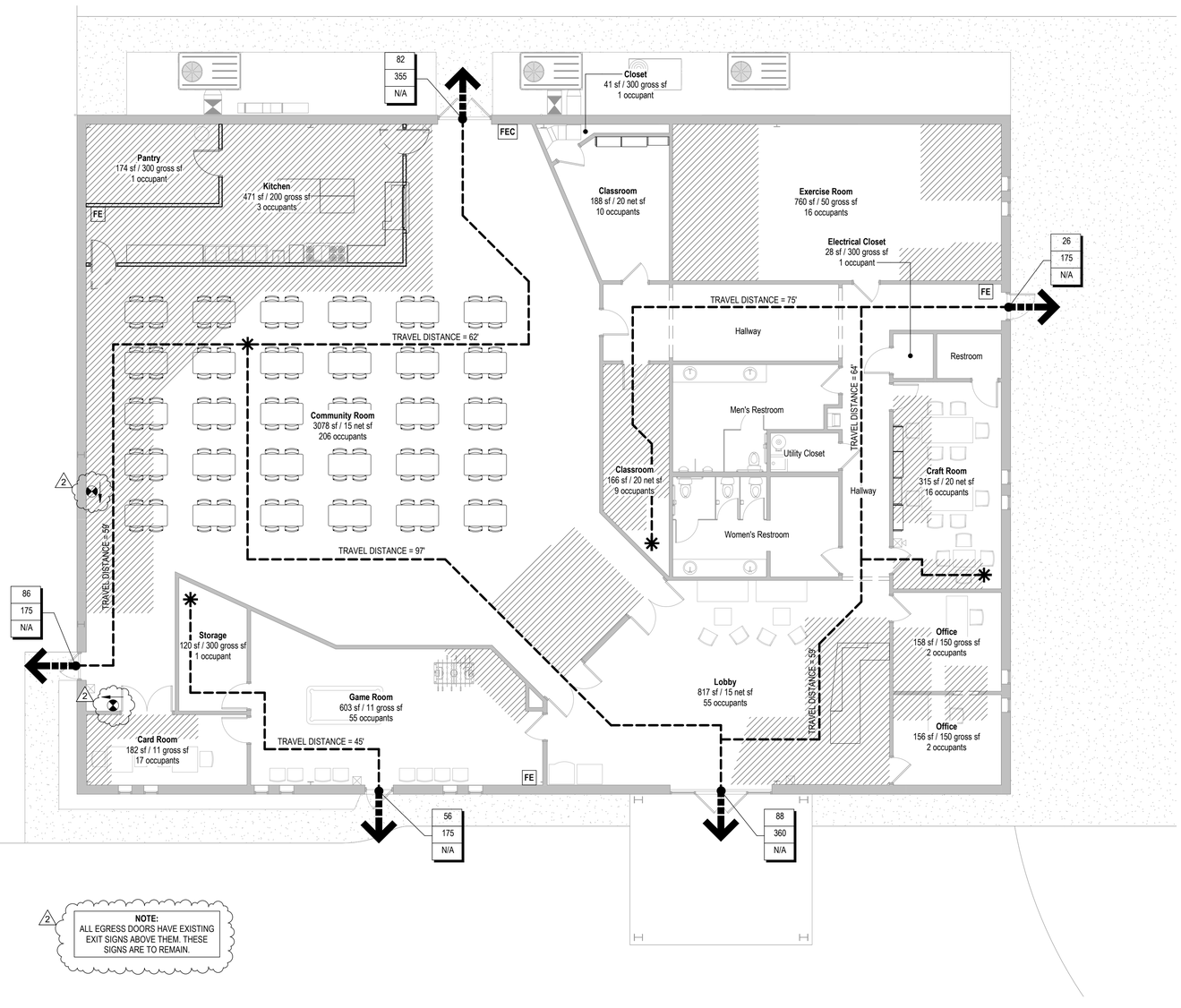
2	Addendum 1	10.05.2020

Job Number: 20033

Cover Sheet

T0.0



4 Life Safety Plan
1/8" = 1'-0"

CSST FIRE EXTINGUISHER CABINET, SURFACE MOUNTED, POWDER COATED STEEL

1. WHERE INDICATED, FIRE EXTINGUISHER CABINETS SHALL BE OVAL FIRE PRODUCTS MODEL CSST SURFACE MOUNTED POWDER COATED STEEL CABINETS FOR USE WITH LOW-PROFILE FIRE EXTINGUISHERS.
2. CABINETS SHALL PROJECT 4" OR LESS FROM WALL TO COMPLY WITH THE MAXIMUM LIMIT FOR PROTRUDING OBJECTS AS REQUIRED BY THE AMERICANS WITH DISABILITIES ACT (ADA), 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN, THE INTERNATIONAL BUILDING CODE AND ANSI/ICC ANSI A117.1.
3. CABINETS SHALL BE FULLY WELDED 16 GAUGE COLD ROLLED STEEL WITH A 22 GAUGE STEEL TUB. DOORS SHALL BE 16 GAUGE WITH CONTINUOUS STEEL PIANO HINGE, (2) SELF-ADJUSTING ROLLER CATCHES AND A RECESSED HANDLE. CABINET COLOR, WINDOW/LOCK OPTIONS AND LETTERING SHALL BE AS DESIGNATED BY THE MODEL NUMBER.
4. PROVIDE CABINET IN "WHITE STEEL" WITH FULL WINDOW WITHOUT LOCK AND LETTERING.

10J-ABC DRY CHEMICAL FIRE EXTINGUISHER, CLASS ABC, 10 LB.

1. WHERE INDICATED, PORTABLE FIRE EXTINGUISHERS SHALL BE OVAL FIRE PRODUCTS MODEL 10J-ABC LOW-PROFILE DRY CHEMICAL 10 LB. FIRE EXTINGUISHER.
2. FIRE EXTINGUISHER SHALL HAVE MAXIMUM DEPTH OF 3 1/2". WHEN WALL OR CABINET MOUNTED, THE EXTINGUISHER INSTALLATION SHALL COMPLY WITH THE 4" MAXIMUM LIMIT FOR PROTRUDING OBJECTS AS REQUIRED BY THE AMERICANS WITH DISABILITIES ACT (ADA), 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN, THE INTERNATIONAL BUILDING CODE AND ANSI/ICC ANSI A117.1.
3. FIRE EXTINGUISHER SHALL BE SUITABLE FOR CLASS A, B AND C FIRES AND SHALL HAVE A UL RATING OF 4-A:80B:C.
4. FIRE EXTINGUISHER VESSEL SHALL BE EXTRUDED ALUMINUM WITH WELDED TOP AND BOTTOM CAPS AND RED POWDER COATED FINISH. VALVE SHALL BE ANODIZED ALUMINUM WITH STAINLESS STEEL HANDLE AND PULL PIN, RUBBER HOSE AND ANODIZED ALUMINUM NOZZLE. AGENT SHALL BE MONOAMMONIUM PHOSPHATE-BASED DRY CHEMICAL.
5. EXTINGUISHER SHALL BE UL LISTED, COMPLY WITH NFPA 10 AND MEET US DOT REQUIREMENTS FOR PACKAGING AND SHIPPING. LABELLING PER UN1044.

NOTE: MOUNT PER MANUFACTURER INSTRUCTIONS IN COMPLIANCE WITH NFPA AND OSHA GUIDELINES.

3 New Fire Extinguisher & Fire Extinguisher Cabinet Specification
NTS

DIRECT MEANS OF EGRESS - CAPACITY AS NOTED

MAXIMUM TRAVEL DISTANCE TO CLOSEST EXIT - LENGTH AS NOTED

INDICATES REMOTE LOCATION IN FLOOR

ACTUAL OCCUPANTS EXITING
EXIT DOOR(S) CAPACITY
EXIT STAIR CAPACITY

FE — EXISTING WALL-MOUNTED FIRE EXTINGUISHER TO BE RE-USED / RELOCATED. PROVIDE NEW MOUNTING HARDWARE AS REQUIRED.

FEC — ADA-COMPLIANT, SURFACE-MOUNTED FIRE EXTINGUISHER CABINET - SEE 3/LS1.1.

WORK AREA (LEVEL 2 AS DEFINED BY IEBC 301.3.2)

2 — WALL-MOUNTED ONE-DIRECTIONAL EXIT SIGN

2 Graphic Legend
NTS

OVERVIEW

SCOPE OF WORK:	Renovations to the proposed Anderson County Senior Center will consist of the reconfiguration of space to gain a larger kitchen with related demolition and demolition of various items that are no longer needed like stages and sound booths (Level 2 alteration per IEBC 504). Also, new floor finshes and paint will be provided throughout all of the existing building. No exits will be reconfigured. Occupant loads will be reduced from prior approved design and use as a place of worship. Level 2 alterations will occur within a work area, which is 27% of the total gross building area.
APPLICABLE CODES:	2018 International Fire Code 2018 International Building Code (excluding Appendix A & H) 2018 International Existing Building Code 2018 International Plumbing Code 2008 National Electric Code 2018 International Fuel Gas Code 2018 International Mechanical Code (excluding Appendix B) 2018 International Energy Conservation Code
ACCESSIBILITY CODE:	2010 ADA Standards for Accessible Design
ZONING:	B-2: General Business District
CLIMATE ZONE:	4-A
OCCUPANCY GROUP:	A-3: Assembly (Existing to Remain)
OCCUPANT LOAD:	395 persons
AREA:	8,827 sf (Existing to Remain)
CONSTRUCTION TYPE:	V-B (Existing to Remain)
SPRINKLERED:	No (Existing to Remain)
EXISTING BUILDING COMPLIANCE METHOD:	Work Area (IEBC 301.3.2)
LEVEL OF ALTERATION:	Level 2
WORK AREA (LEVEL 2):	2,351 sf (27% of gross area)
ENERGY CODE COMPLIANCE METHOD:	Not Applicable (IEBC 810.1)

REQUIREMENTS

LARGEST CORRIDOR OCCUPANT LOAD:	Existing to Remain
CALCULATED CORRIDOR WIDTH:	Existing to Remain
MINIMUM CORRIDOR WIDTH:	Existing to Remain
EXTERIOR WALL RATING:	Existing To Remain
SHAFT ENCLOSURE RATING:	Not Applicable
INTERIOR EXIT STAIRWAY ENCLOCURE RATING:	Not Applicable
CORRIDOR WALL RATING:	Existing to Remain
ALLOWABLE GLAZING AREA:	Existing To Remain
FIRE ALARM SYSTEM:	Existing to Remain

BUILDING REQUIREMENT	AS ALLOWED BY CODE	AS DESIGNED
Area per Story:	10,500 sf (IBC Table 503)*	Existing to Remain
Number of Stories (above Grade Plane):	1 (IBC Table 503)	Existing to Remain
Building Height:	40' (IBC Table 503)	Existing to Remain
Travel Distance:	200' (IBC Table 1016.2)	97'
Common Path of Travel:	75' (IBC Table 1014.3)	38'
Number of Exits:	2 (IBC 1015)	Existing to Remain

*Area represents a frontage increase per IBC 506.2.

PLUMBING REQUIREMENT	AS ALLOWED BY CODE	AS DESIGNED
Water Closets (Female):	3 (IPC Table 403.1)	Existing to Remain
Water Closets (Male):	2 (IPC Table 403.1)	Existing to Remain
Urinals:	0 (IPC Table 403.1)	Existing to Remain
Lavatories:	2 (IPC Table 403.1)	Existing to Remain
Drinking Fountains:	1 (IPC Table 403.1)	Existing to Remain
Service Sink:	1 (IPC Table 403.1)	Existing to Remain

1 Code Review
NTS

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Revisions		
No.	Descripton	Date
2	Addendum 1	10.05.2020

Job Number: 20033

Life Safety Plan & Code Review

LS1.1

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1. REMOVE EXISTING WALLS TO EXTENT SHOWN, WHILE PROTECTING SURROUNDING FINISHES. DISPOSE OF WALL MATERIALS APPROPRIATELY.

2. REMOVE AND DISCARD EXISTING DOOR, FRAME, AND ASSOCIATED HARDWARE. DISPOSE OF MATERIALS APPROPRIATELY

3. REMOVE AND PRESERVE EXISTING DOOR, FRAME, AND ASSOCIATED HARDWARE. RELOCATED AS INDICATED BY OWNER.

4. REMOVE EXISTING PLATFORM AND ALL ASSOCIATED COMPONENTS AND CONSTRUCTION, INCLUDING LOW WALLS, WHILE PROTECTING SURROUNDING FINISHES. PREPARE SUBFLOOR SURFACE FOR NEW FLOORING. DISPOSE OF MATERIALS APPROPRIATELY.

5. REMOVE EXISTING RAMP AND ALL ASSOCIATED COMPONENTS AND CONSTRUCTION, WHILE PROTECTING SURROUNDING FINISHES. PREPARE SUBFLOOR SURFACE FOR NEW FLOORING. DISPOSE OF MATERIALS APPROPRIATELY.

6. REMOVE AND PRESERVE EXISTING APPLIANCES AND ASSOCIATED ACCESSORIES. RELOCATE OR DISPOSE OF AS DIRECTED BY OWNER. CAP AND CONCEAL LINES AS NECESSARY.

7. REMOVE AND PRESERVE EXISTING CABINETS, WHILE PROTECTING SURROUNDING FINISHES. DISCARD EXISTING COUNTERTOP. RELOCATE CABINETS AS SHOWN ON PLANS. IF NO NEW LOCATION IS SHOWN PRESERVE CABINETS AS DIRECTED BY OWNER.

8. REMOVE AND DISCARD EXISTING DESK AND ASSOCIATED COMPONENTS AND CONSTRUCTION, WHILE PROTECTING SURROUNDING FINISHES. DISPOSE OF MATERIALS APPROPRIATELY.

9. REMOVE AND DISCARD EXISTING PLUMBING FIXTURE AND ASSOCIATED ACCESSORIES AND PLUMBING COMPONENTS, WHILE PROTECTING SURROUNDING FINISHES. CAP AND CONCEAL LINES AS NECESSARY. DISPOSE OF MATERIALS APPROPRIATELY.

10. REMOVE AND PRESERVE EXISTING LIGHTING FIXTURES. RELOCATE AS INDICATED ON A2.1.

11. REMOVE EXISTING FLOOR FINISH MATERIAL WHILE PROTECTING SURROUNDING FINISHES. DISPOSE OF FLOOR FINISH MATERIAL APPROPRIATELY. PREPARE SUBFLOOR SURFACE FOR NEW FLOORING.

12. REMOVE AND DISCARD EXISTING VINYL DECAL. PRIME WALL FOR NEW FINISH.

13. REMOVE EXISTING ETCHING ON STOREFRONT, WHILE PROTECTING SURROUNDING FINISHES.

14. REMOVE AND DISCARD EXISTING WOOD VENEER, WHILE PROTECTING SURROUNDING FINISHES. DISPOSE OF MATERIALS APPROPRIATELY. PATCH WALL / PROVIDE NEW GYPSUM BOARD AS REQUIRED TO MATCH ADJACENT WALLS.

15. REMOVE EXISTING DECORATIVE WOOD LOCATED ABOVE DOOR OPENING, WHILE PROTECTING SURROUNDING FINISHES. DISPOSE OF WOOD APPROPRIATELY. PATCH WALL / PROVIDE NEW GYPSUM BOARD AS REQUIRED TO MATCH ADJACENT WALLS.

16. REMOVE EXISTING CHANGING STATION, WHILE PROTECTING SURROUNDING FINISHES. PATCH WALL / PROVIDE NEW GYPSUM BOARD AS REQUIRED TO MATCH ADJACENT WALLS. DISPOSE OF CHANGING STATION APPROPRIATELY.

17. REMOVE WALL SCONCES AND PATCH WALL / PROVIDE NEW GYPSUM BOARD AS REQUIRED TO MATCH ADJACENT WALLS. DISPOSE OF WALL SCONCES APPROPRIATELY.

18. CUT IN WALL OPENING TO 7'-0" A.F.F. AT LOCATION AND TO EXTENT SHOWN ON PLAN, WHILE PROTECTING SURROUNDING FINISHES. DISPOSE OF WALL MATERIALS APPROPRIATELY.

19. REMOVE AND PRESERVE EXISTING PROJECTOR SCREEN. RELOCATE AS DIRECTED BY OWNER.

20. REMOVE BLACK OUT WINDOW TREATMENT WHILE PROTECTING SURROUNDING FINISHES. CLEAN WINDOWS.

21. REMOVE AND DISCARD EXISTING BLACK CEILING TILES WHILE PROTECTING SURROUNDING FINISHES.

22. REMOVE AND DISCARD EXISTING BRICK WALL COVERING, WHILE PROTECTING SURROUNDING FINISHES. DISPOSE OF MATERIALS APPROPRIATELY. PATCH WALL / PROVIDE NEW GYPSUM BOARD AS REQUIRED TO MATCH ADJACENT WALLS.

23. REMOVE AND PRESERVE EXISTING WALL MOUNTED SIGNAGE WHILE PROTECTING SURROUNDING FINISHES. PATCH WALL / PROVIDE NEW GYPSUM BOARD AS REQUIRED TO MATCH ADJACENT WALLS. RELOCATE AS DIRECTED BY OWNER.

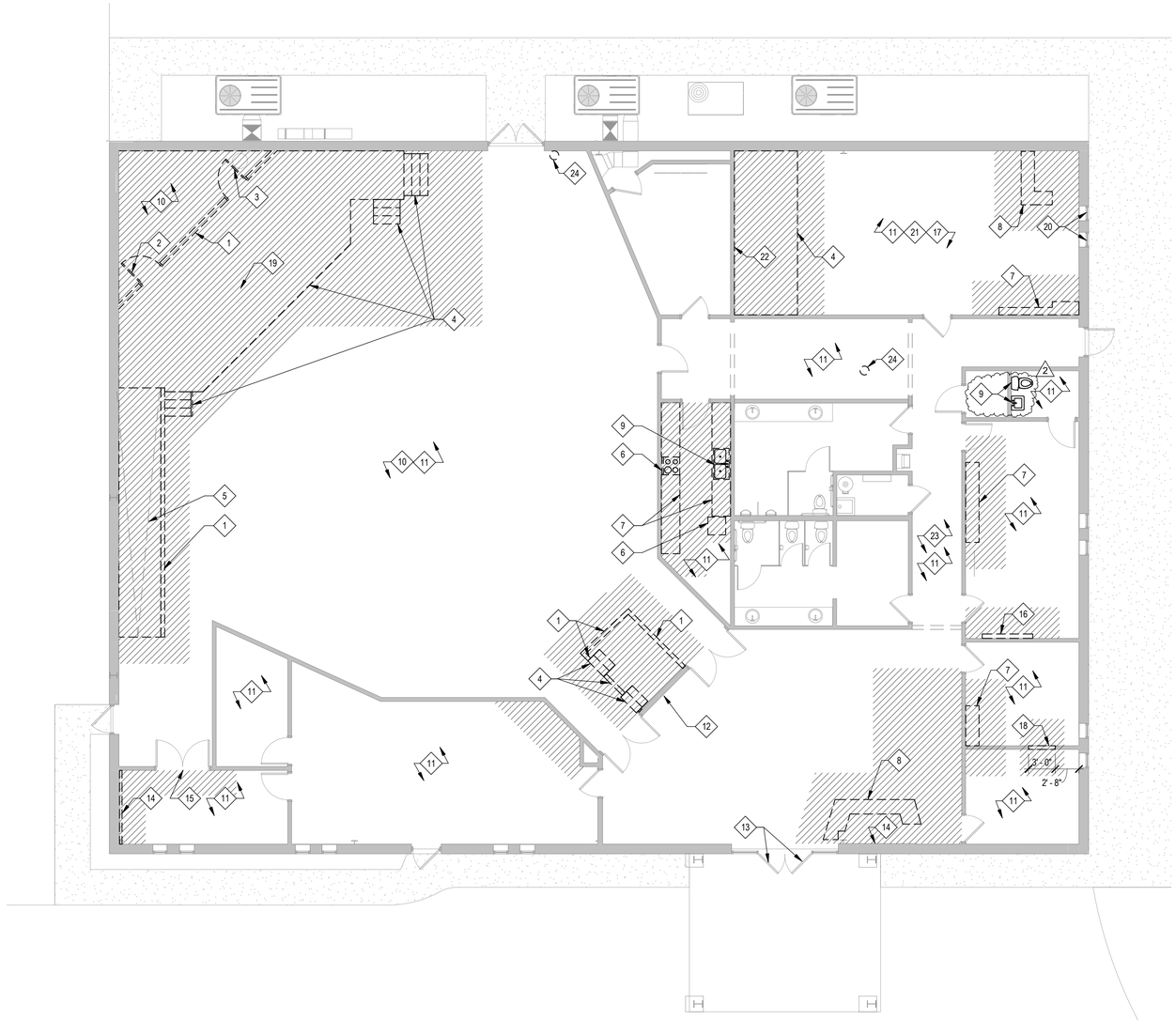
24. REMOVE AND PRESERVE EXISTING FIRE EXTINGUISHER WHILE PROTECTING SURROUNDING FINISHES. RELOCATE AS SHOWN ON LS1.1.

WORK AREA (LEVEL 2 AS DEFINED BY IEBC 301.3.2

3 Demolition Legend
NTS

1. DEMOLITION PLAN(S) ARE ISSUED AS AN EXPLANATORY SUPPLEMENT TO INDICATE THE APPROXIMATE SCOPE OF PROPOSED DEMOLITION AND AS SUCH ALL CONDITIONS SHALL BE FIELD VERIFIED PRIOR TO COMMENCEMENT OF DEMOLITION ACTIVITIES. DEMOLITION WORK WILL REQUIRE COORDINATION WITH PROPOSED ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING & ELECTRICAL SYSTEMS. THEREFORE DEMOLITION PLAN(S) MAY NOT REPRESENT OR INCLUDE ALL DEMOLITION REQUIRED. CONTRACTOR SHALL BECOME FAMILIAR WITH THE SITE AND FIELD VERIFY ALL CONDITIONS PRIOR TO BIDDING OR CONSTRUCTION.
2. CONTRACTOR SHALL CONTACT THE ARCHITECT IMMEDIATELY UPON DISCOVERY OF DISCREPANCIES BETWEEN THESE DRAWINGS AND EXISTING CONDITIONS.
3. EXISTING CONSTRUCTION TO REMAIN WITHIN AND SURROUNDING THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED AS NECESSARY DURING DEMOLITION TO AVOID DAMAGE OR DESTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING OR REPAIRING ANY ITEMS DAMAGED OR DESTROYED THAT WERE NOT INDICATED AS PART OF THE SCOPE OF DEMOLITION.
4. REMOVE ALL INTERIOR CONSTRUCTION INDICATED BY KEYNOTES, EXCEPT WHERE SPECIFICALLY INDICATED TO REMAIN. REMOVAL SHALL INCLUDE, BUT NOT BE LIMITED TO; INTERIOR AND EXTERIOR WALLS, DOORS, PARTITIONS, SUSPENDED ACOUSTICAL CEILINGS, LIGHT FIXTURES, ELECTRICAL DEVICES, FIRE ALARM DEVICES, CONDUIT, ELECTRICAL PANEL BOARDS, SWITCHES, PLUMBING LINES, PLUMBING FIXTURES, MILLWORK, FLOOR FINISHES, WINDOW TREATMENTS, DUCTWORK AND ASSOCIATED MECHANICAL PIPING, FIXTURES AND CONTROLS.
5. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY SHOULD THE PRESENCE OF HAZARDOUS MATERIALS BE SUSPECTED OR IDENTIFIED DURING DEMOLITION ACTIVITIES.
6. DIMENSIONS SHOWN ARE APPROXIMATE DUE TO VARIATIONS IN EXISTING CONDITIONS, AND ARE GIVEN FOR REFERENCE ONLY.
7. THE CONTRACTOR SHALL COORDINATE WITH OWNER PRIOR TO COMMENCEMENT OF DEMOLITION WORK ALL PROCEDURES (E.G. SCHEDULING OF ACTIVITIES, SHUTDOWNS, ETC.) AND LOCATION OF DUMPSTER FOR DISPOSAL OF ALL REMOVED ITEMS.
8. ANY DAMAGE TO OWNER'S PROPERTY DURING DEMOLITION OR CONSTRUCTION WILL BE REPAIRED PER SPECIFICATIONS, AT CONTRACTOR'S EXPENSE.
9. ANY EXISTING EQUIPMENT OR COMPONENT IN OR PERTAINING TO THE PREMISES THAT IS BEING ABANDONED MUST BE DEMOLISHED COMPLETELY AND PROPERLY REMOVED FROM THE PREMISES.
10. THE GENERAL CONTRACTOR SHALL COORDINATE WORK PERFORMED BY OTHER CONTRACTORS. ANY DISCREPANCIES SHALL BE BROUGHT TO THE OWNER'S ATTENTION BEFORE PROCEEDING WITH WORK.
11. THE CONTRACTOR SHALL TAKE CARE TO NOT DISTURB EXISTING CEILING OR FLOOR EXCEPT FOR THOSE AREAS SPECIFIED.

2 General Demolition Notes
NTS



1 Demolition Plan
1/8" = 1'-0"

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Demolition Plan

AD 1.1

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A

Typical Sound Attenuating Partition (3-5/8" Metal Studs)

5/8" GYPSUM BOARD ON BOTH SIDES OF 3 5/8" METAL STUDS AT 16" O.C. PROVIDE SOUND ATTENUATING INSULATION OF 42 STC OR BETTER IN CAVITY. EXTEND WALL ASSEMBLY TO 9'-6" A.F.F. PROVIDE MOISTURE-RESISTANT GYPSUM BOARD IF WALL FACE CONTAINS A PLUMBING FIXTURE, IS LOCATED IN A RESTROOM, OR IS WITHIN 2' OF A PLUMBING FIXTURE.

B

Typical Partition (3-5/8" Metal Studs)

5/8" GYPSUM BOARD ON BOTH SIDES OF 3 5/8" METAL STUDS AT 16" O.C. EXTEND WALL ASSEMBLY TO 9'-6" A.F.F. PROVIDE MOISTURE-RESISTANT GYPSUM BOARD IF WALL FACE CONTAINS A PLUMBING FIXTURE, IS LOCATED IN A RESTROOM, OR IS WITHIN 2' OF A PLUMBING FIXTURE.

C

Infill Partition (Match Existing Adjacent)

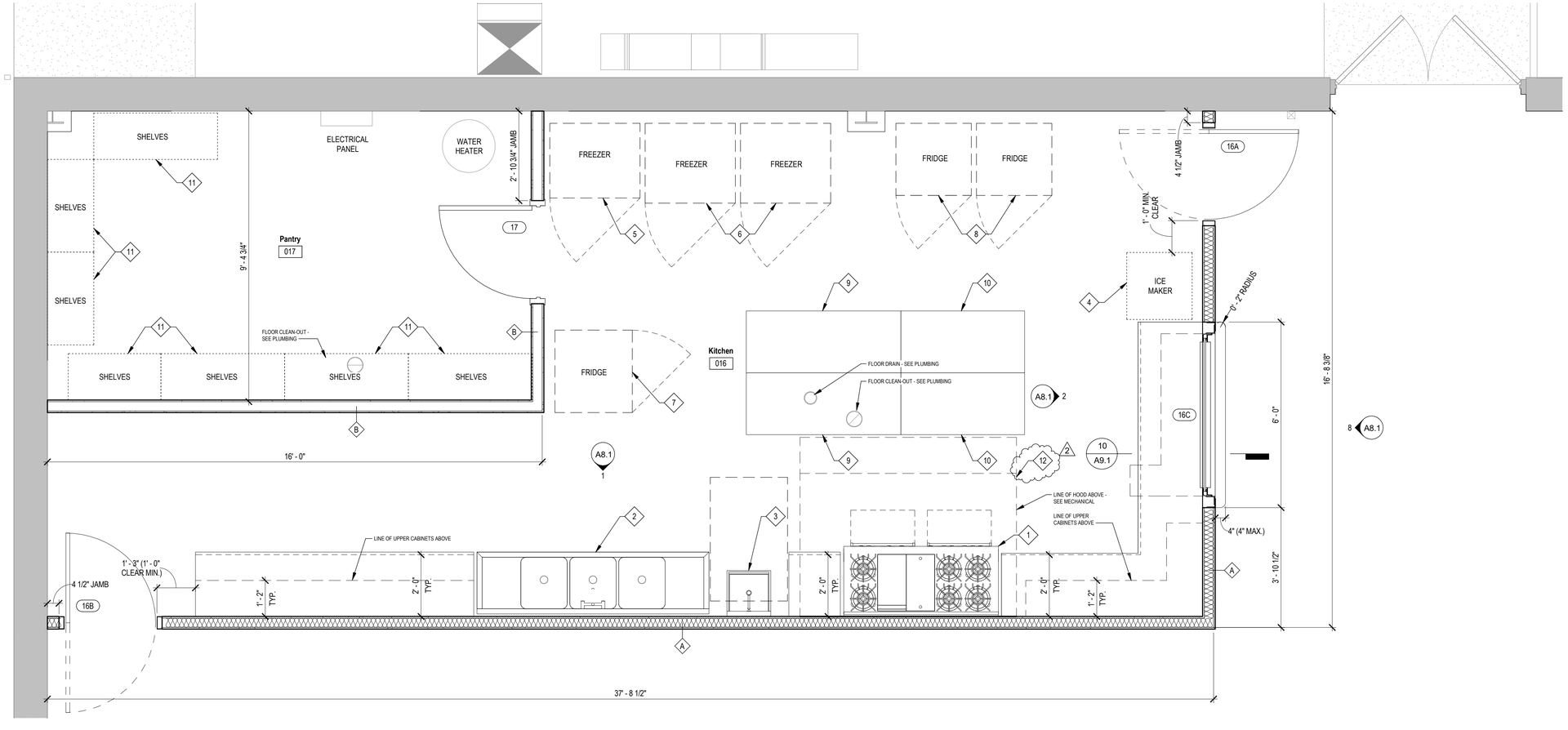
INFILL PARTITION TO MATCH EXISTING ADJACENT CONSTRUCTION.

3 Wall Type Legend
NTS

	Description	Dimensions	Manufacturer	Model Number	Furnished By	Installed By	Vendor	Quantity	Notes
1	Commercial Gas Range w/ Double Oven	60" x 28-1/2" x 60-3/8"	eQuipped by KaTom	R10-G24	General Contractor	General Contractor	KaTom	1	
2	3-Compartment Commercial Utility Sink	72" x 20" x 33-1/2"	Eagle Group	B6C-18	General Contractor	General Contractor	KaTom	1	
3	Handwashing Sink	17" x 15"	Vollrath	K1410-CP	General Contractor	General Contractor	KaTom	1	Mount 34" A.F.F.
4	Ice Maker	26" x 26" x 40"	-	-	Owner	Owner	-	1	
5	Freezer	35" x 29" x 67-1/2"	-	-	Owner	Owner	-	1	
6	Freezer	35" x 31" x 73-1/2"	-	-	Owner	Owner	-	2	
7	Refrigerator	30" x 32" x 65"	-	-	Owner	Owner	-	1	
8	Refrigerator	28" x 29 1/4" x 62"	-	-	Owner	Owner	-	2	
9	Commercial Work Table	24" x 60" x 35-1/2"	Advance Tabco	TTF-245-X	Owner	Owner	-	2	
10	Commercial Work Table	24" x 48" x 35-1/2"	Advance Tabco	TTF-244-X	Owner	Owner	-	2	
11	Shelving Units	-	-	-	Owner	Owner	-	-	
12	Vent Hood	See Mechanical	See Mechanical	See Mechanical	General Contractor	General Contractor	See Mechanical	1	

2

2 Kitchen Equipment Schedule
NTS



1 Enlarged Kitchen Plan
1/2" = 1'-0"

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Kitchen Equipment Plan & Schedule

A1.2

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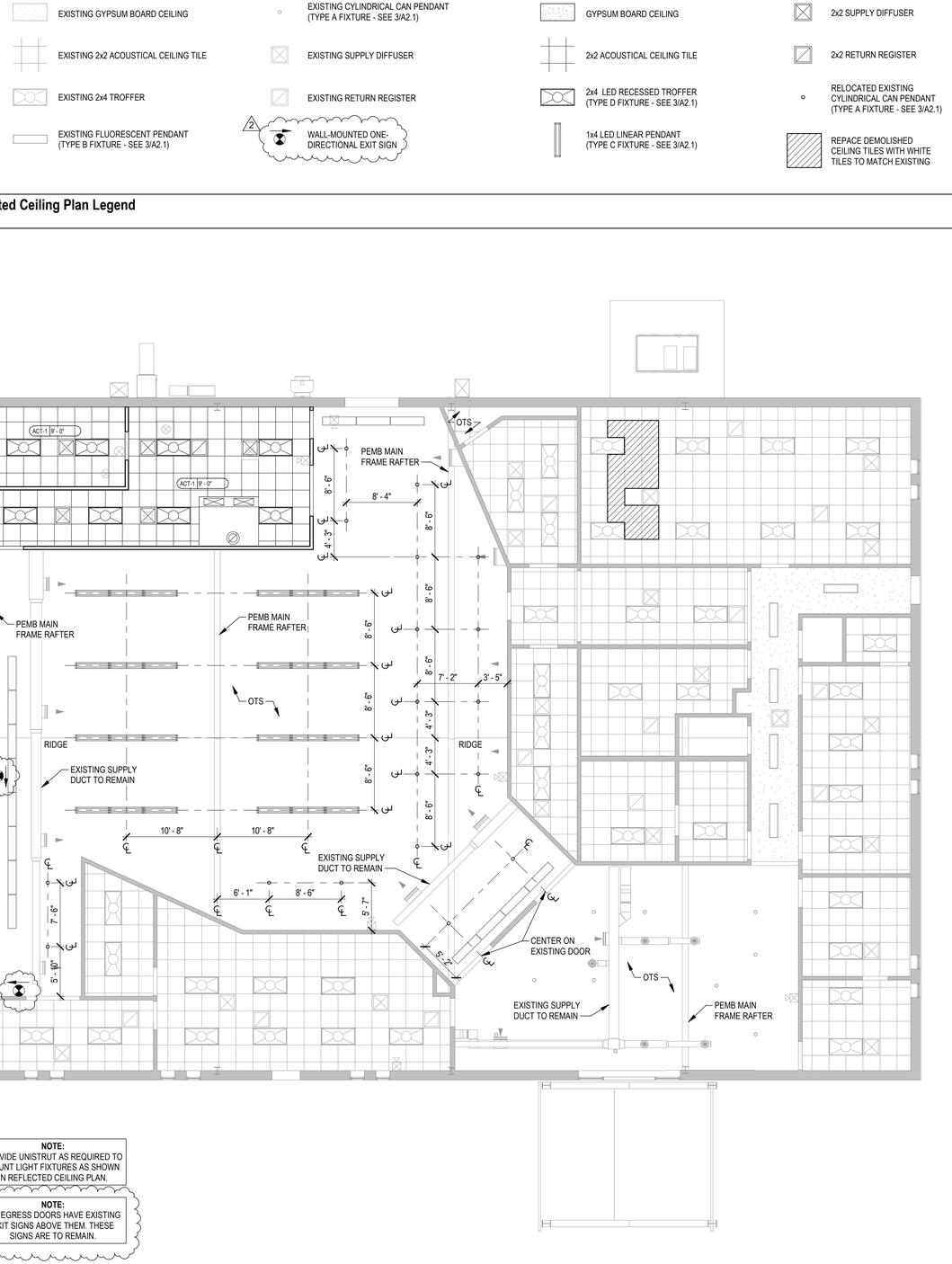

TYPE MARK	LAMP	TEMP	DESCRIPTION	MANUFACTURER	MODEL	MOUNTING HEIGHT	NOTES
A	LED	3500K	EXISTING BLACK PENDANT CYLINDER	EXISTING	EXISTING	EXISTING HEIGHT	CONTRACTOR TO INSTALL PAR38 LAMP W/ 40 DEGREE REFLECTOR
B	FLOURESCENT	3500K	EXISTING PENDANT MOUNTED 1X4	EXISTING	EXISTING	12'-0" AFF	--
C	LED	3500K	(3) 1x4 EXISTING PENDANT MOUNTED 1X4	LITHONIA LIGHTING	GRD LLP 12FT 80CRI 35K ID1500LMF 20/80 MIN10 ZT SCT F2/144A C210	12'-0" AFF	--
D	LED	3500K	LED LINEAR TROFFER	COLOMBIA LIGHTING	CBT24-LS35	FIXTURE TO ALIGN WITH SURROUDING ACT	--

3 **Lighting Fixture Schedule**
NTS

EXISTING GYPSUM BOARD CEILING

EXISTING 2x2 ACOUSTICAL CEILING TILE

EXISTING 2x4 TROFFER

EXISTING FLUORESCENT PENDANT (TYPE B FIXTURE - SEE 3/A2.1)

EXISTING CYLINDRICAL CAN PENDANT (TYPE A FIXTURE - SEE 3/A2.1)

EXISTING SUPPLY DIFFUSER

EXISTING RETURN REGISTER

2 WALL-MOUNTED ONE-DIRECTIONAL EXIT SIGN

GYPSUM BOARD CEILING

2x2 ACOUSTICAL CEILING TILE

2x4 LED RECESSED TROFFER (TYPE D FIXTURE - SEE 3/A2.1)

1x4 LED LINEAR PENDANT (TYPE C FIXTURE - SEE 3/A2.1)

2x2 SUPPLY DIFFUSER

2x2 RETURN REGISTER

RELOCATED EXISTING CYLINDRICAL CAN PENDANT (TYPE A FIXTURE - SEE 3/A2.1)

REPACE DEMOLISHED CEILING TILES WITH WHITE TILES TO MATCH EXISTING

2 **Reflected Ceiling Plan Legend**
NTS

NOTE:
PROVIDE UNISTRUT AS REQUIRED TO MOUNT LIGHT FIXTURES AS SHOWN IN REFLECTED CEILING PLAN.

NOTE:
ALL EGRESS DOORS HAVE EXISTING EXIT SIGNS ABOVE THEM. THESE SIGNS ARE TO REMAIN.

1 **Reflected Ceiling Plan**
1/8" = 1'-0"

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Project Phase: Construction Documents

Issue Date: 07.31.2020		
Revisions		
No.	Descripton	Date
2	Addendum 1	10.05.2020

Job Number: 20033

Reflected Ceiling Plan

A2.1

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HOOD INFORMATION – JOB 4528547

HOOD NO	TAG	MODEL	LENGTH	MAX COOKING TEMP	TYPE	APPLIANCE DUTY	DESIGN CFM/FT	TOTAL EXH CFM	EXHAUST PLENUM RISER(S) WIDTH	LENG	HEIGHT	DIA	CFM	VEL	SP	TOTAL SUPPLY CFM	HOOD CONSTRUCTION	HOOD CONFIG END TO END	ROW
1		5424 ND-2-PSP-F	6' 0"	600 DEG	I	HEAVY	225	1350			4"	12"	1350	1719	-0.638"	1080	430 SS WHERE EXPOSED	ALONE	ALONE

HOOD INFORMATION

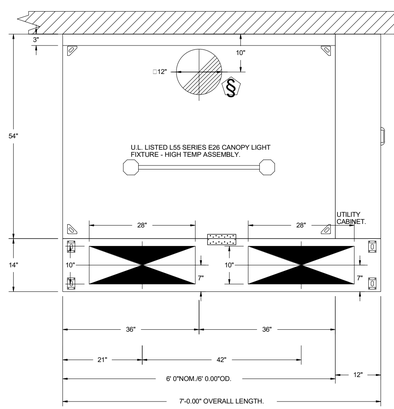
HOOD NO	TAG	FILTER(S) TYPE	QTY	HEIGHT	LENGTH	EFFICIENCY @ 7 MICRONS	LIGHT(S) QTY	TYPE	WIRE GUARD	LOCATION	SIZE	UTILITY CABINET(S) FIRE SYSTEM TYPE	FIRE SYSTEM SIZE	ELECTRICAL MODEL #	SWITCHES QUANTITY	FIRE SYSTEM PIPING	HOOD HANGING WEIGHT
1		CAPTRATE SOLO FILTER	4	20"	16"	85% SEE FILTER SPEC	2	L55 SERIES E26	NO	RIGHT	12"x54"x24"	ANSUL R102	3.0	DCV-1111	1 LIGHT 1 FAN	YES	538 LBS

HOOD

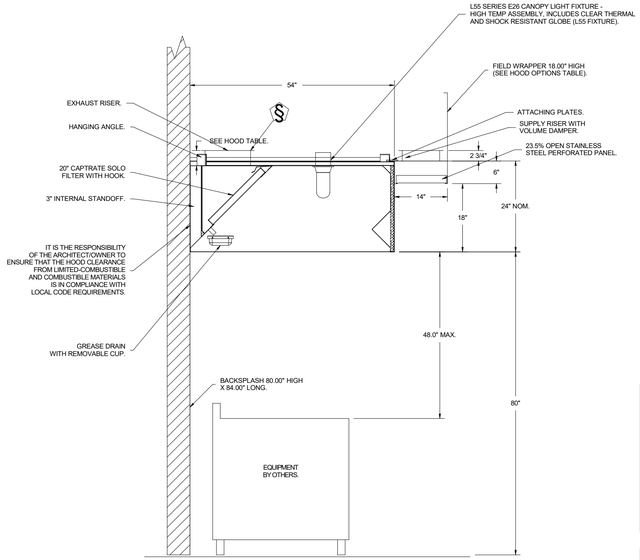
HOOD NO	TAG	OPTION
1		FIELD WRAPPER 18.00" HIGH FRONT, LEFT, RIGHT.
		BACKSPLASH 80.00" HIGH X 84.00" LONG 430 SS VERTICAL.
		RISER SENSOR INSTALL 6IN PLEN.

PERFORATED SUPPLY DIFFUSER(S)

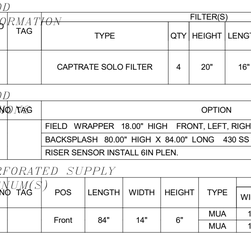
HOOD NO	TAG	POS	LENGTH	WIDTH	HEIGHT	TYPE	RISER(S) WIDTH	LENG	DIA	CFM	SP
1		Front	84"	14"	6"	MUA	10"	28"		540	0.137"
						MUA	10"	28"		540	0.137"



PLAN VIEW – HOOD 6' 0.00" LONG 5424ND-2-PSP-F



SECTION VIEW – MODEL 5424 HOOD PSP-F #1



ASSEMBLY INSTRUCTIONS

HANGING ANGLE MUST BE SUPPORTED WITH 1/2" - 13 TPI GRADE 5 (MINIMUM) ALL-THREAD. SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 (MINIMUM) STEEL FLAT WASHERS AND 1/2" - 13 TPI GRADE 5 (MINIMUM) HEX NUTS AS SHOWN. MUST USE DOUBLED HEX NUT CONFIGURATION BENEATH HOOD HANGING ANGLES AND ABOVE CEILING ANCHORS. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT-LBS.

*** NOTE ***

HOOD MUST HAVE 18" CLEARANCE FROM COMBUSTIBLES ON ALL SIDES. INSULATION MUST BE ADDED IF WITHIN 18".

PATENT NUMBERS

AC-PSP (UNITED STATES) - US PATENT 7963830 B2.
AC-PSP WALL (CANADA) - CA PATENT 2820509.
AC-PSP ISLAND (CANADA) - CA PATENT 2520330.

SPECIFICATION: CAPTRATE GREASE-STOP SOLO FILTER

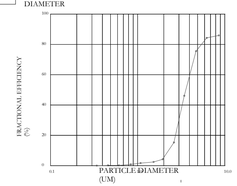
THE CAPTRATE GREASE-STOP SOLO FILTER IS A SINGLE-STAGE FILTER FEATURING A UNIQUE S-BAFFLE DESIGN IN CONJUNCTION WITH A SLOTTED REAR BAFFLE DESIGN, TO DELIVER EXCEPTIONAL FILTRATION EFFICIENCY.

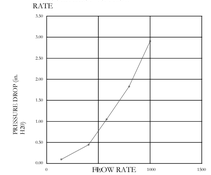
FILTER IS STAINLESS STEEL CONSTRUCTION, AND SIZED TO FIT INTO STANDARD 2-INCH DEEP HOOD CHANNEL(S).

UNITS SHALL INCLUDE STAINLESS STEEL HANDLES AND A FASTENING DEVICE TO SECURE THE TWO COMPONENTS WHEN ASSEMBLED.

GREASE EXTRACTION EFFICIENCY PERFORMANCE SHALL REMOVE AT LEAST 75% OF GREASE PARTICLES FIVE MICRONS IN SIZE, AND 85% GREASE PARTICLES SEVEN MICRONS IN SIZE AND LARGER, WITH A CORRESPONDING PRESSURE DROP NOT TO EXCEED 1.0 INCHES OF WATER GAUGE.

THE CAPTRATE GREASE-STOP SOLO WAS TESTED TO ASTM STANDARD ASTM F2519-05.
MANUFACTURER APPROVED FOR USE IN SOLID FUEL APPLICATIONS AS A SPARK ARRESTER.





CAPTRATE FILTERS ARE BUILT IN COMPLIANCE WITH:.
NFPA #96.
NSF STANDARD #2.
UL STANDARD #1046.
INT. MECH. CODE (IMC).
ULC-S649.

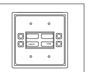
DUCT TEMPERATURE SENSOR

Provides exhaust air temperature for proper hood control operation. For all installations excluding a single hood with factory risers and a hood mounted panel, duct mounted temperature sensors will need to be field wired. 2-wire 18 AWG plenum rated thermistor cable must be used.

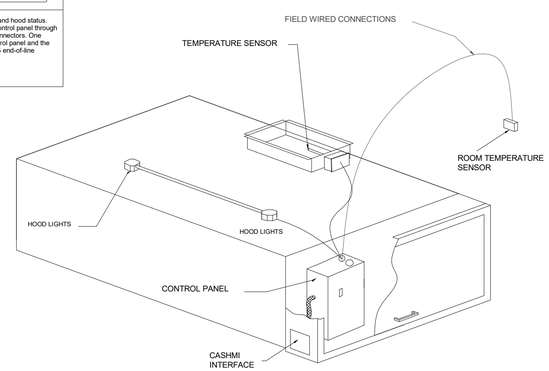
ROOM TEMPERATURE SENSOR

Provides room override based on temperature differential between the room and duct. Installed by electrician on a wall, 5'-6" off the finished floor, in the space but not directly under the hood or close to an appliance (including the electrical control box) so the reading is accurate for space.

HOOD CONTROL INTERFACE



The LCD interface provides user control and hood status. The faceplate is connected to the hood control panel through CAT-5 cable. A faceplate has 2 RJ-45 connectors. One connects to port J4 or J5 in the hood control panel and the other will typically be occupied by a RJ-45 end-of-line terminator.



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THOMAS WASMUND REGISTERED ENGINEER STATE OF TENNESSEE

** Anderson Co Senior Center Kitchen Renovation
CLINTON, TN, 37716

9/21/2020
4528547
J. Irvine
3/4" = 1'-0"

MASTER DRAWING

Project Phase: Construction Documents

Issue Date: 07.31.2020		
Revisions		
No.	Descripton	Date
2	ADDENDUM 1	10.05.2020

Job Number: 20033

HOOD PACKAGE SELECTION

M0.4

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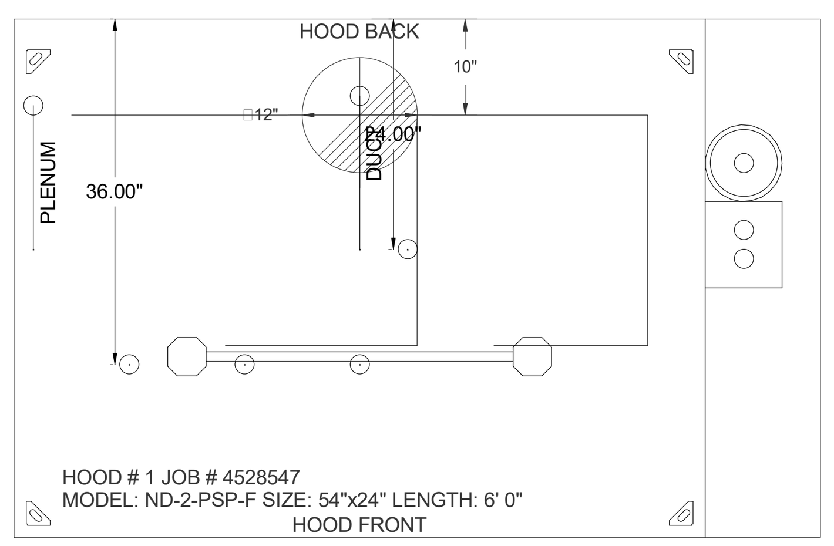
2

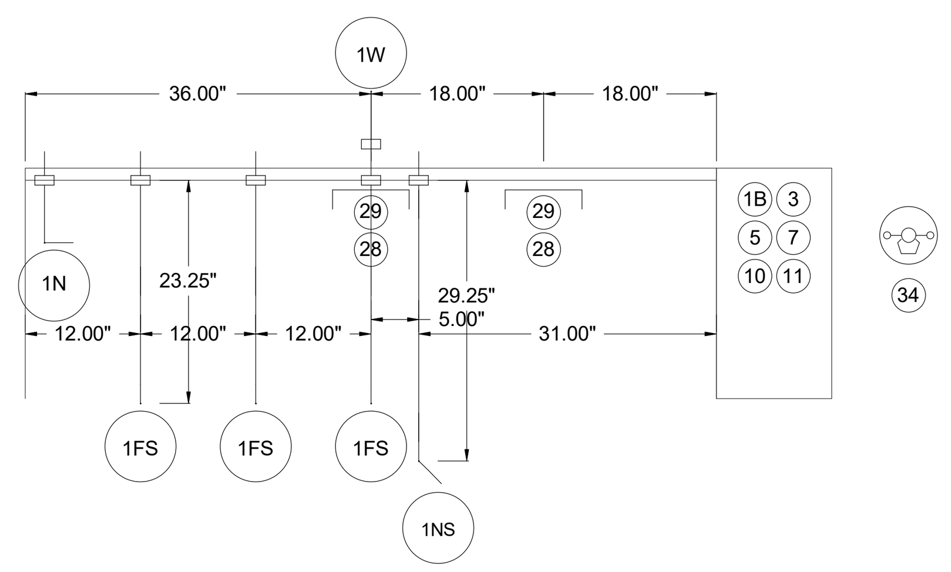
FIRE SYSTEM INFORMATION - JOB#4528547

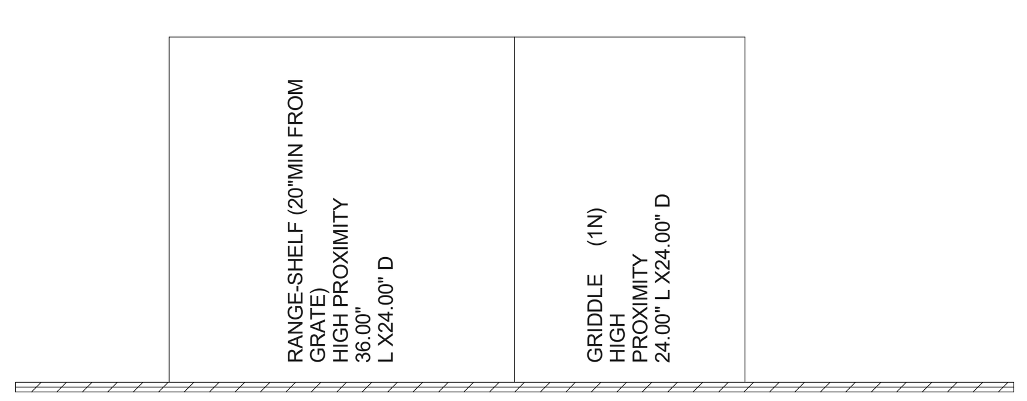
FIRE SYSTEM NO	TAG	TYPE	SIZE	FLOW POINTS	INSTALLATION	
					SYSTEM	LOCATION ON HOOD
1		ANSUL R102	3.0	6	FIRE CABINET RIGHT	RIGHT, HOOD 1

GAS VALVE(S)

FIRE SYSTEM NO	TAG	TYPE	SIZE	SUPPLIED BY
1		MECHANICAL	2.000	CAPTIVEAIRE SYSTEMS







NOTES
- FIELD PIPE DROPS AS SHOWN
  SLEEVING, ELBOWS, TEES, AND NOZZLES SUPPLIED BY CAS.
- RELOCATE NOZZLES IF FLOW PATTERN IS BLOCKED BY SHELVING, SALAMANDERS, ETC.
- MAXIMUM 9 ELBOWS IN SUPPLY LINE.
- MINIMUM 72 INCHES OF AGENT LINE FROM TANK TO FIRST NOZZLE COVERING A RANGE, FRYER, OR WOK TO REFLECT GENERAL PIPING REQUIREMENTS.
- IF APPLICABLE, PRE-PIPED CHARBROILER DROPS ARE SHIPPED LOOSE.
- FACTORY PIPING EXTENDS A MAXIMUM OF 6" ABOVE THE TOP OF THE HOOD.

- APPLIANCE DIMENSIONS LISTED REPRESENT THE COOKING SURFACE SIZE, NOT THE OVERALL APPLIANCE SIZE.

- THIS FIRE SYSTEM COMPLIES WITH U.L. 300 REQUIREMENTS.

JOB #: 4528547.
JOB NAME: ** ANDERSON CO SENIOR CENTER KITCHEN RENOVATION.

SYSTEM SIZE: ANSUL-3.0 TOTAL FP REQUIRED: 6.
HOOD # 1 6' 0.00" LONG x 54" WIDE x 24" HIGH.
RISER # 1 SIZE: 12" DIA.
HOOD # 1 METAL BLOW-OFF CAPS INCLUDED.

LEGEND - FIRE CABINET ANSUL SYSTEM

1A	1.5 GALLON TANK.
1B	3 GALLON TANK.
2	OEM AUTOMAN RELEASE.
3	OEM REGULATED RELEASE.
4	OEM REGULATED ACTUATOR.
5	ANSULEX LIQUID AGENT (3 GAL.).
6	ANSULEX LIQUID AGENT (1.5 GAL.).
7	CARTRIDGE (101-20).
8	CARTRIDGE (101-10).
9	CARTRIDGE (101-30).
9A	CARTRIDGE (LT-A-101-30).
9B	DOUBLE TANK CARTRIDGE.
10	TEST LINK.
11	DOUBLE MICROSWITCH.
12	HOSE ASSEMBLY.
1100	DUCT NOZZLE (430913).
2W	DUCT NOZZLE (419337).
1W	NOZZLE ASSEMBLY (419336).
1F	NOZZLE ASSEMBLY (419333).
1N	NOZZLE ASSEMBLY (419335).
1/2N	NOZZLE ASSEMBLY (419334).
3N	NOZZLE ASSEMBLY (419338).
245	NOZZLE ASSEMBLY (419340).
230	NOZZLE ASSEMBLY (419339).
2120	NOZZLE ASSEMBLY (419343).
290	NOZZLE ASSEMBLY (419342).
260	NOZZLE ASSEMBLY (419341).
28	DETECTOR BRACKET.
29	LOW TEMP FUSIBLE LINK.
30	HIGH TEMP FUSIBLE LINK.
MGV	MECHANICAL GAS VALVE.
EGV	ELECTRICAL GAS VALVE.
34	REMOTE MANUAL PULL STATION.
S	SWIVEL ADAPTOR.

NOTES
- FIELD PIPE DROPS AS SHOWN
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- IF APPLICABLE, PRE-PIPED CHARBROILER DROPS ARE SHIPPED LOOSE.
- FACTORY PIPING EXTENDS A MAXIMUM OF 6" ABOVE THE TOP OF THE HOOD.

- APPLIANCE DIMENSIONS LISTED REPRESENT THE COOKING SURFACE SIZE, NOT THE OVERALL APPLIANCE SIZE.

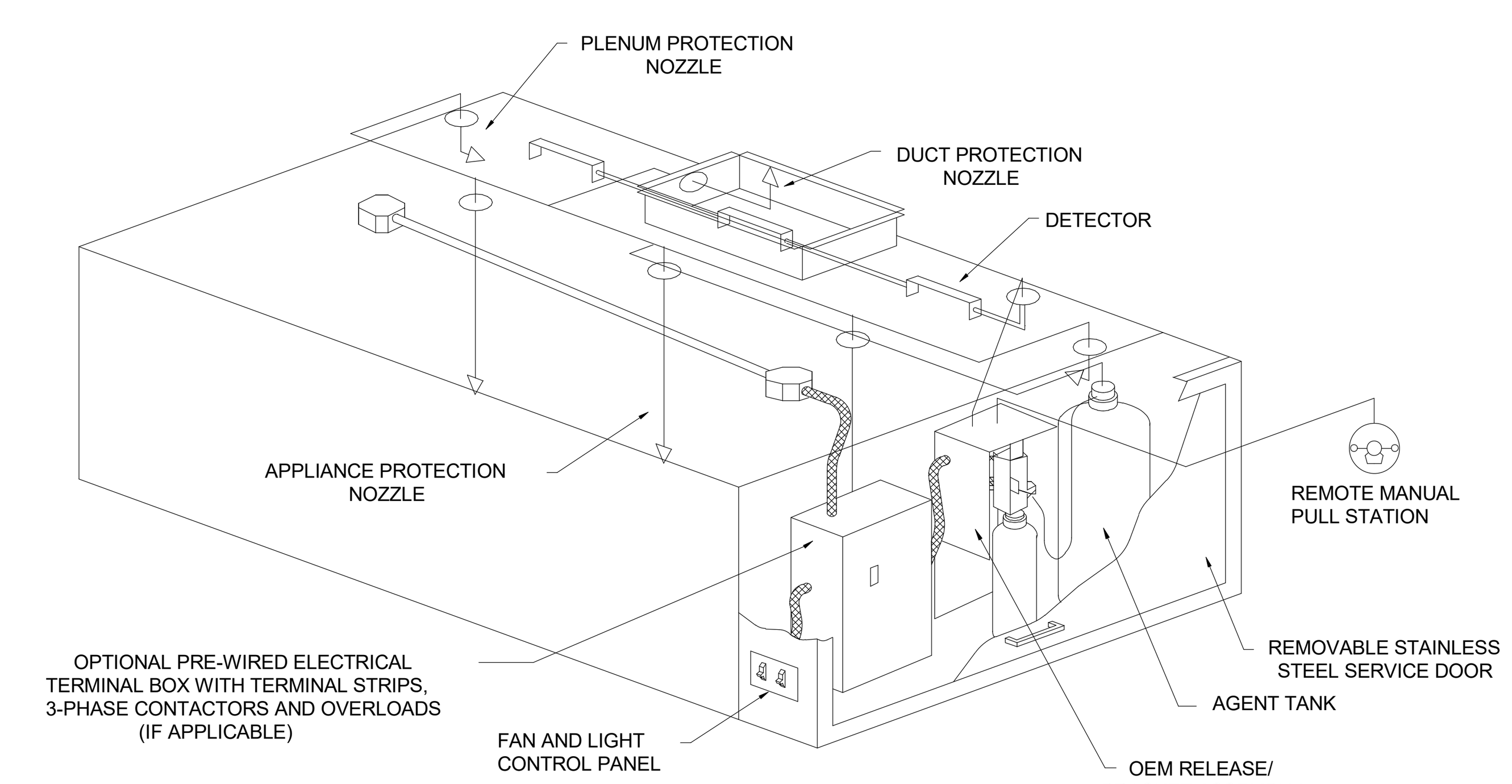
SPECIFICATIONS

THE RESTAURANT FIRE SUPPRESSION SYSTEM SHALL BE THE PRE-ENGINEERED TYPE WITH A FIXED NOZZLE AGENT DISTRIBUTION NETWORK. IT SHALL BE LISTED WITH UNDERWRITERS LABORATORIES, INC. (UL)

THE SYSTEM SHALL BE CAPABLE OF AUTOMATIC DETECTION AND ACTUATION WITH LOCAL OR REMOTE MANUAL ACTUATION. ACCESSORIES SHALL BE AVAILABLE FOR MECHANICAL OR ELECTRICAL GAS LINE SHUT-OFF APPLICATIONS.

THE EXTINGUISHING AGENT SHALL BE A POTASSIUM CARBONATE, POTASSIUM ACETATE-BASED FORMULATION DESIGNED FOR FLAME KNOCKDOWN AND SECUREMENT OF GREASE RELATED FIRES. IT SHALL BE AVAILABLE IN PLASTIC CONTAINERS WITH INSTRUCTIONS FOR LIQUID AGENT HANDLING AND USAGE.

THE REGULATED RELEASE MECHANISM SHALL BE COMPATIBLE WITH A FUSIBLE LINK DETECTION SYSTEM. THE FUSIBLE LINK SHALL BE SELECTED AND INSTALLED ACCORDING TO THE OPERATING TEMPERATURE IN THE VENTILATING SYSTEM. THE FUSIBLE LINK SHALL BE SUPPORTED BY A DETECTOR BRACKET/ LINKAGE ASSEMBLY.



TYPICAL ANSUL R-102 SYSTEM LAYOUT

GAS VALVES AND STRAINERS

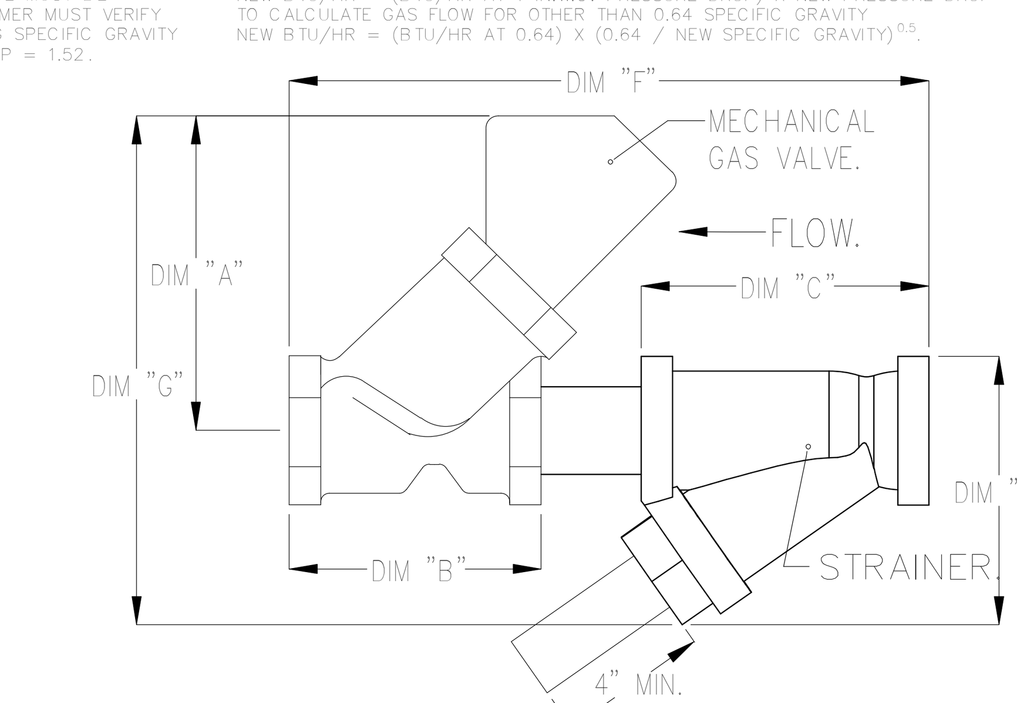
	GAS VALVE SIZING							GAS VALVE DIMENSIONS						INSTALLATION	PART NUMBERS		
	TYPE	SIZE	VOLTAGE	MIN. INLET PRESSURE	MAX. INLET PRESSURE	FLOW AT 1 IN.W.C. DROP NATURAL GAS	FLOW AT 1 IN.W.C. DROP PROPANE	DIM "A"	DIM "B"	DIM "C"	DIM "D"	DIM "F"	DIM "G"	MOUNTING ORIENTATION	GAS VALVE PART NUMBER	STRAINER PART NUMBER	GAS VALVE/STRAINER KIT
GAS VALVE FOR FS#1 →	MECHANICAL	2"	N/A	0 PSI (0 IN.W.C.)	10 PSI (277 IN.W.C.)	4,616,000 BTU/HR	2,995,256 BTU/HR	6-11/16"	5-7/8"	7-1/4"	7-13-16"	15-1/8"	13-3/16"	HORIZONTAL	28-55610	4417K68	MGVA2

ALL GAS VALVES/STRAINERS

PROPER CLEARANCE MUST BE PROVIDED IN ORDER TO SERVICE THE STRAINERS A MINIMUM OF 4" CLEARANCE DISTANCE MUST BE PROVIDED AT THE BASE OF THE STRAINER CUSTOMER MUST VERIFY BTU CONSUMPTION AS WELL AS PRESSURE RATING SPECIFIC GRAVITY OF NATURAL GAS = 0.64, SPECIFIC GRAVITY OF LP = 1.52.

CALCULATIONS

TO CALCULATE GAS FLOW FOR OTHER THAN 1 IN.W.C. PRESSURE DROP
NEW BTU/HR = (BTU/HR AT 1 IN.W.C. PRESSURE DROP) X NEW PRESSURE DROP$^{0.5}$
TO CALCULATE GAS FLOW FOR OTHER THAN 0.64 SPECIFIC GRAVITY
NEW BTU/HR = (BTU/HR AT 0.64) X (0.64 / NEW SPECIFIC GRAVITY)$^{0.5}$.



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Job Number: 20033

HOOD PACKAGE SELECTION

M0.5

EXHAUST FAN INFORMATION – JOB#4528547

FAN UNIT NO	TAG	QTY	FAN UNIT MODEL #	CFM	ESP	RPM	MOTOR ENCL	HP	BHP	□	VOLT	FLA	DISCHARGE VELOCITY	WEIGHT (LBS)	SONES
1		1	DU85HFA	1350	1.250	1351	ODP	0.750	0.4330	3	208	2.6	427 FPM	94	15.5

MUA FAN INFORMATION – JOB#4528547

FAN UNIT NO	TAG	QTY	FAN UNIT MODEL #	BLOWER	HOUSING	MIN CFM	DESIGN CFM	ESP	RPM	MOTOR ENCL	HP	BHP	□	VOLT	FLA	MCA	MOCP	WEIGHT (LBS)	SONES
2		1	A1-15D	15MF-1-MOD	A1	-	1080	0.500	1295	ODP	0.500	0.3150	3	208	1.9	2.4A	15A	287	13.3

FAN OPTIONS

FAN UNIT NO	TAG	QTY	DESCRIPTION
1		1	GREASE BOX.
		1	THROUGH WALL CURB MOUNT INSTALLATION. CURB HEIGHT MUST BE MINIMUM 9" TALLER THAN WALL THICKNESS FOR USE WITH A HINGE KIT.
		1	WALL MOUNT CONSTRUCTION FOR FAN.
		1	SHIP LOOSE DISCONNECT FOR REMOTE MOUNT.
2		1	MOTORIZED BACKDRAFT DAMPER FOR SIZE 1 HOUSING.
		1	WALL MOUNT OPTION FOR SIZE 1 UNTEMPERED FAN.
		1	SEPARATE 120V WIRING PACKAGE (REQUIRED AND USED ONLY FOR DCV OR PREWIRE WITH VFD) - THREE PHASE ONLY.

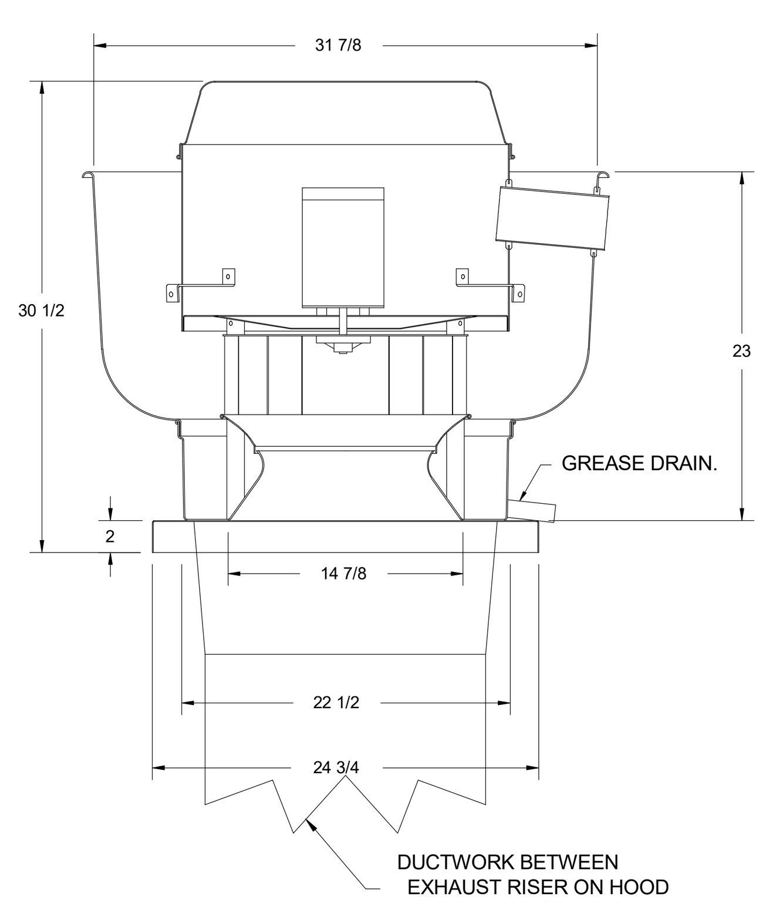
FAN ACCESSORIES

FAN UNIT NO	TAG	EXHAUST			SUPPLY			
		GREASE CUP	GRAVITY DAMPER	WALL MOUNT	SIDE DISCHARGE	GRAVITY DAMPER	MOTORIZED DAMPER	WALL MOUNT
1		YES						
2					YES		YES	YES

CURB ASSEMBLIES

NO	ON FAN	WEIGHT	ITEM	SIZE
1	# 1	40 LBS	CURB	23.000"W X 23.000"L X 26.000"H RIGHT VENTED HINGED.

FAN #1 DU85HFA - EXHAUST FAN



FEATURES:

- DIRECT DRIVE CONSTRUCTION (NO BELTS/PULLEYS).
- ROOF MOUNTED FANS.
- RESTAURANT MODEL.
- UL705 AND UL762 AND ULC-S645
- VARIABLE SPEED CONTROL.
- INTERNAL WIRING.
- THERMAL OVERLOAD PROTECTION (SINGLE PHASE).
- HIGH HEAT OPERATION 300°F (149°C).
- GREASE CLASSIFICATION TESTING.
- NEMA 3R SAFETY DISCONNECT SWITCH.

NORMAL TEMPERATURE TEST

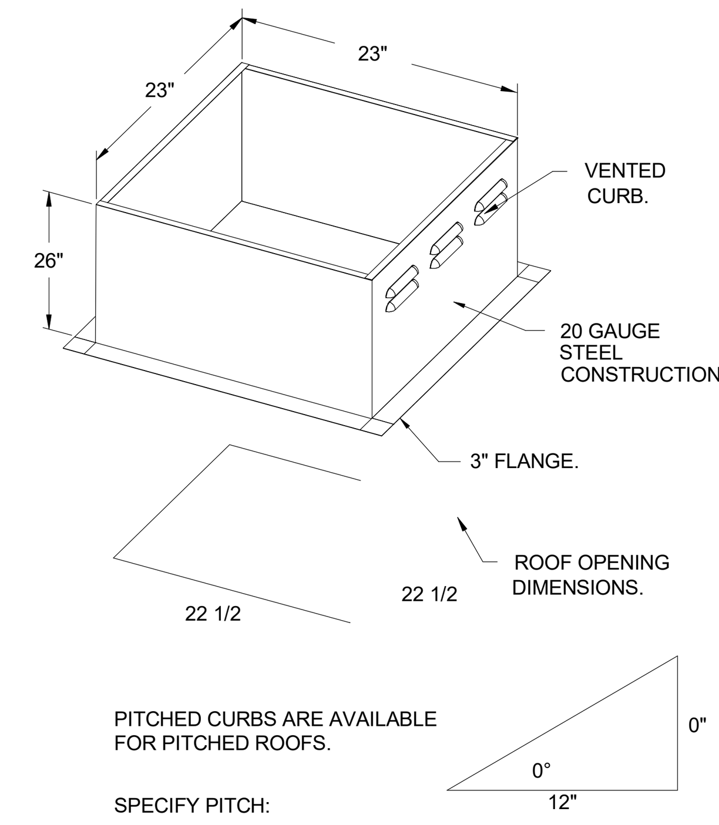
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING AIR AT 300°F (149°C) UNTIL ALL FAN PARTS HAVE REACHED THERMAL EQUILIBRIUM, AND WITHOUT ANY DETERIORATING EFFECTS TO THE FAN WHICH WOULD CAUSE UNSAFE OPERATION.

ABNORMAL FLARE-UP TEST

EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING BURNING GREASE VAPORS AT 600°F (316°C) FOR A PERIOD OF 15 MINUTES WITHOUT THE FAN BECOMING DAMAGED TO ANY EXTENT THAT COULD CAUSE AN UNSAFE CONDITION.

OPTIONS

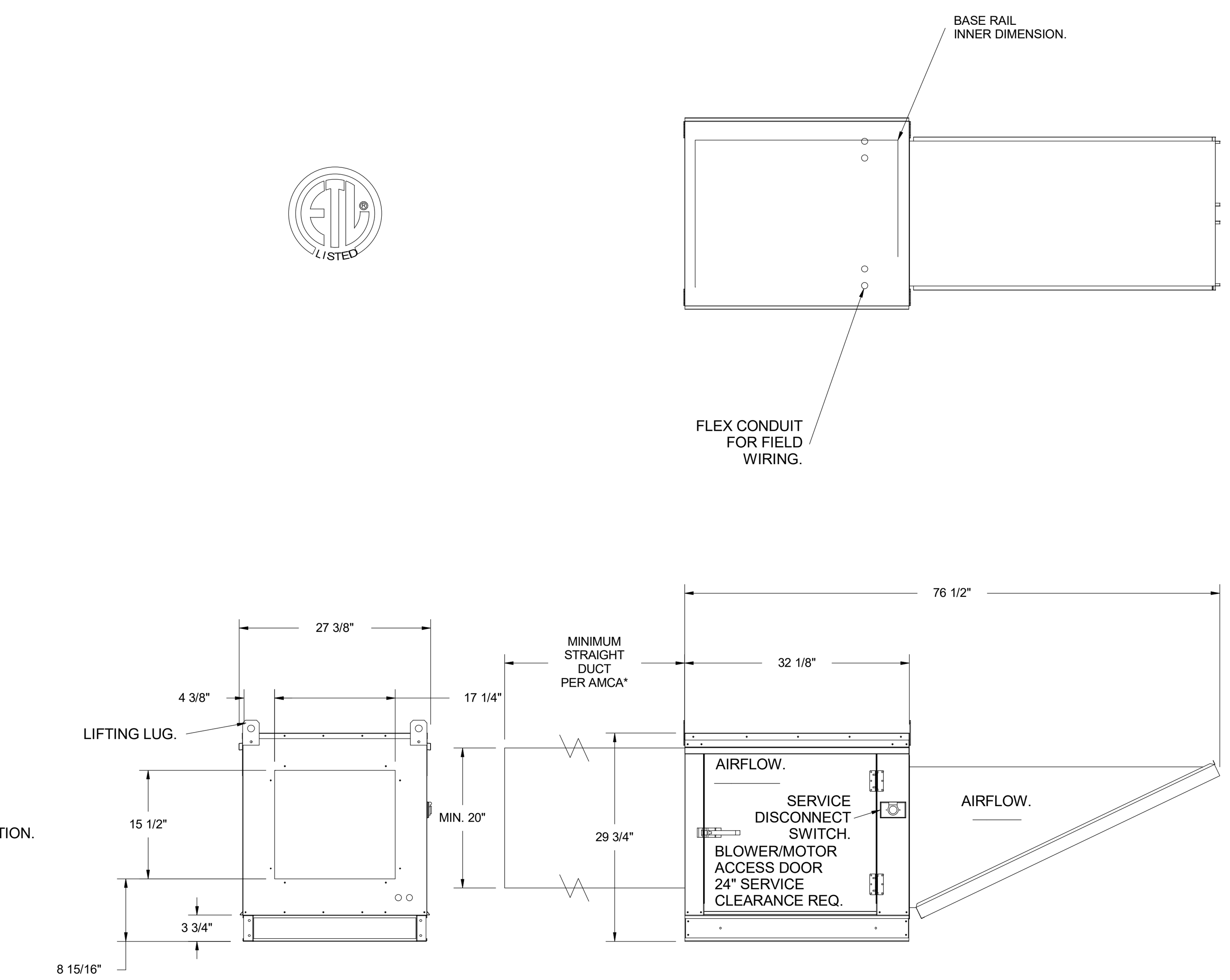
GREASE BOX.
THROUGH WALL CURB MOUNT INSTALLATION. CURB HEIGHT MUST BE MINIMUM 9" TALLER THAN WALL THICKNESS FOR USE WITH A HINGE KIT.
WALL MOUNT CONSTRUCTION FOR FAN.
SHIP LOOSE DISCONNECT FOR REMOTE MOUNT.



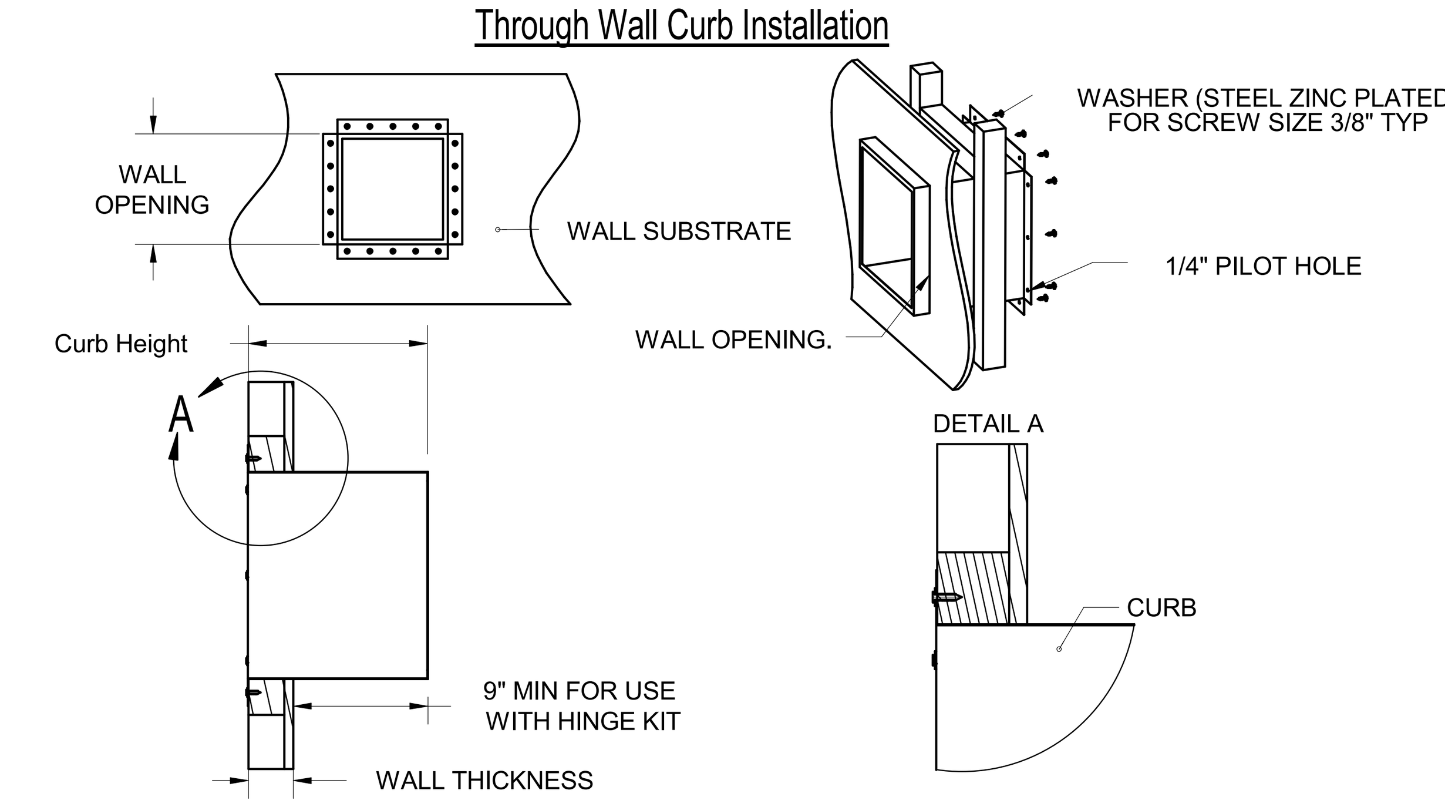
PITCHED CURBS ARE AVAILABLE FOR PITCHED ROOFS.

SPECIFY PITCH:
EXAMPLE: 7/12 PITCH = 30° SLOPE.

FAN #2 A1-15D - SUPPLY FAN
1. UNTEMPERED SUPPLY UNIT WITH 15" DIRECT DRIVE FAN IN SIZE #1 HOUSING.
2. INTAKE HOOD WITH EZ FILTERS.
3. WALL MOUNT OPTION FOR SIZE 1 UNTEMPERED MAKE-UP AIR FAN. 32" LONG ANGLE IRON FRAME.
SIDE DISCHARGE - AIR FLOW RIGHT -> LEFT.
STANDARD GALVANIZED CONSTRUCTION, 3/4" REAR FLANGE, LOW LEAKAGE, TFB120S ACTUATOR INCLUDED.
6. SEPARATE 120VAC WIRING PACKAGE FOR MAKE UP AIR UNITS. OPTION MUST BE SELECTED WHEN MOUNTING VFD IN PREWIRE PANEL OR WITH DCV PACKAGE. PROVIDES SEPARATE 120VAC INPUT TO SUPPLY FAN. THIS 120V SIGNAL MUST BE RUN BY ELECTRICIAN FROM DCV TO MUA SWITCH.
7. HINGED DOUBLE WALL INSULATED DOOR ASSEMBLY (BURNER/BLOWER SECTION).
*NOTE: SUPPLY DUCT MUST BE INSTALLED TO MEET SMACNA STANDARDS. A MINIMUM STRAIGHT DUCT LENGTH MUST BE MAINTAINED DOWNSTREAM OF UNIT DISCHARGE AS OUTLINED IN AMCA PUBLICATION 201. WHEN USING RECTANGULAR DUCTWORK, ELBOWS MUST BE RADIUS THROAT, RADIUS BACK WITH TURNING VANES. FLEXIBLE DUCTWORK AND SQUARE THROAT/SQUARE BACK ELBOWS SHOULD NOT BE USED. ANY TRANSITION AND/OR TURNS IN THE DUCTWORK WILL CAUSE SYSTEM EFFECT. SYSTEM EFFECT WILL DRASTICALLY INCREASE STATIC PRESSURE AND REDUCE AIRFLOW. DO NOT RELY ON UNIT TO SUPPORT DUCT IN ANY WAY. FAILURE TO PROPERLY SIZE DUCTWORK MAY CAUSE SYSTEM EFFECTS AND REDUCE PERFORMANCE OF THE EQUIPMENT. SUGGESTED STRAIGHT DUCT SIZE IS 20" x 20".



Through Wall Curb Installation



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** Anderson Co Senior Center Kitchen Renovation
CLINTON, TN, 37716

9/21/2020
4528547
J. Irvine
3/4" = 1'-0"
MASTER DRAWING
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Project Phase: Construction Documents

Issue Date: 07.31.2020

Revisions		
No.	Descripton	Date
1	Revision 1	08.28.2020
2	ADDENDUM 1	10.05.2020

Job Number: 20033

HOOD PACKAGE SELECTION

M0.6

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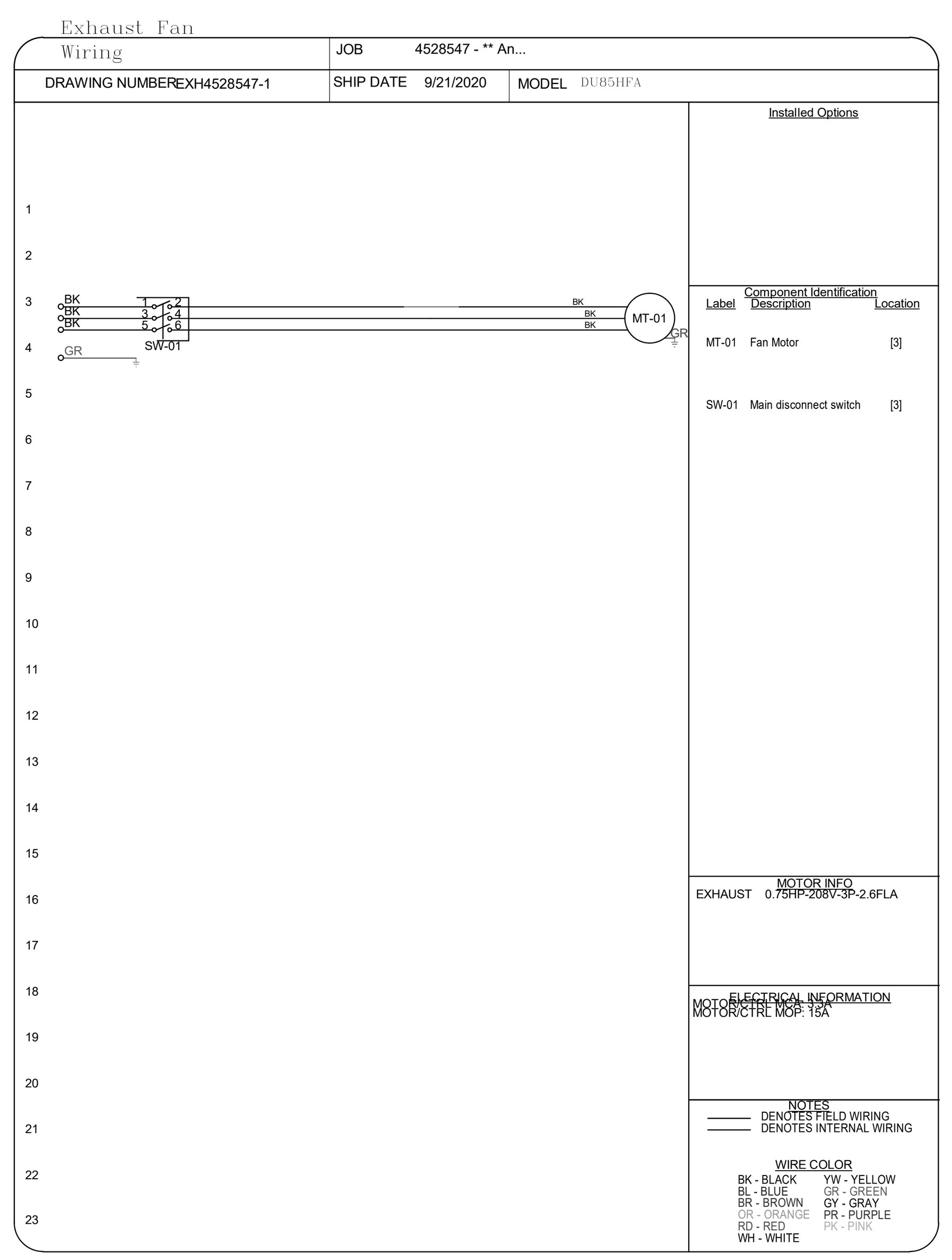

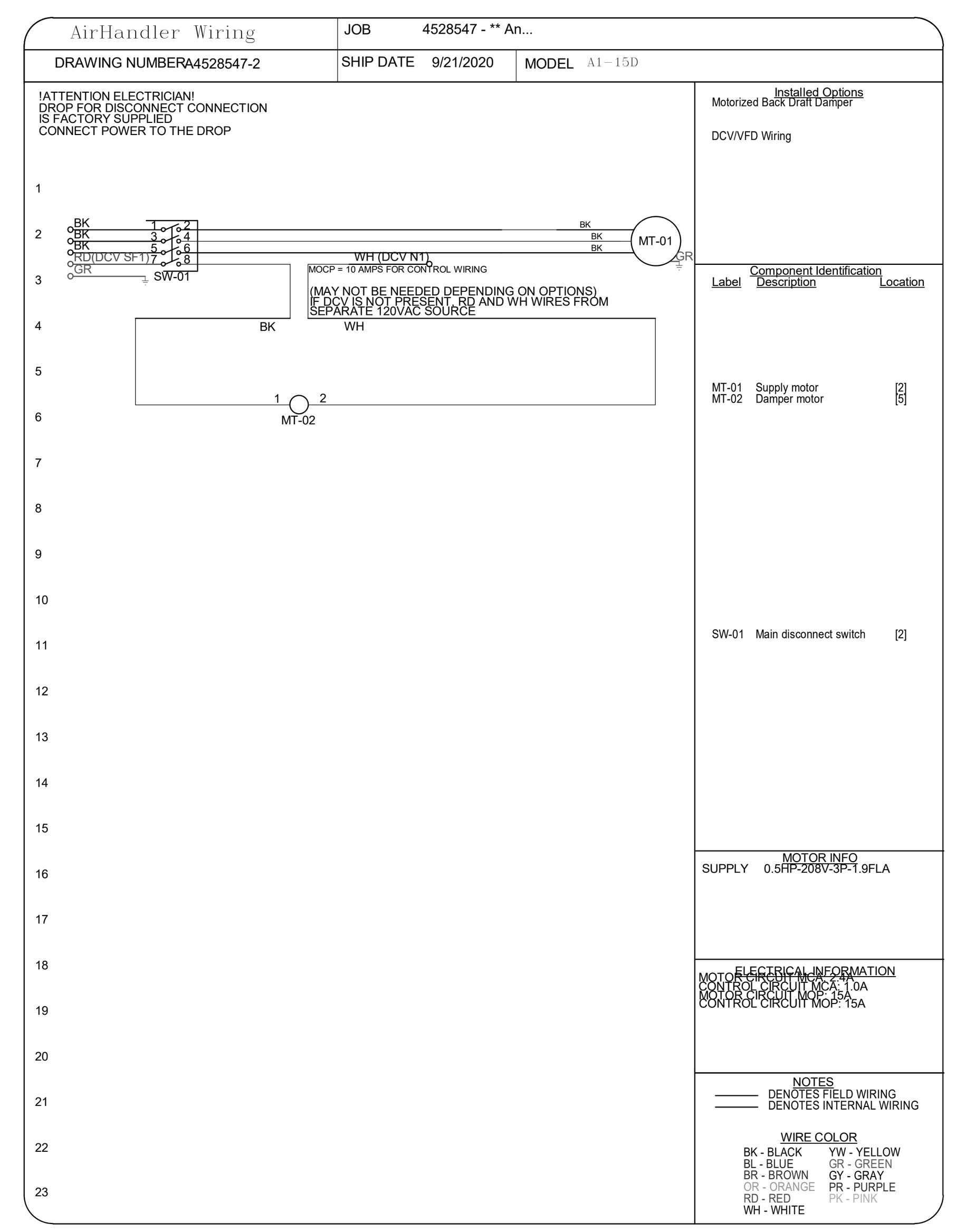

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Job Number: 20033

HOOD PACKAGE SELECTION

M0.7

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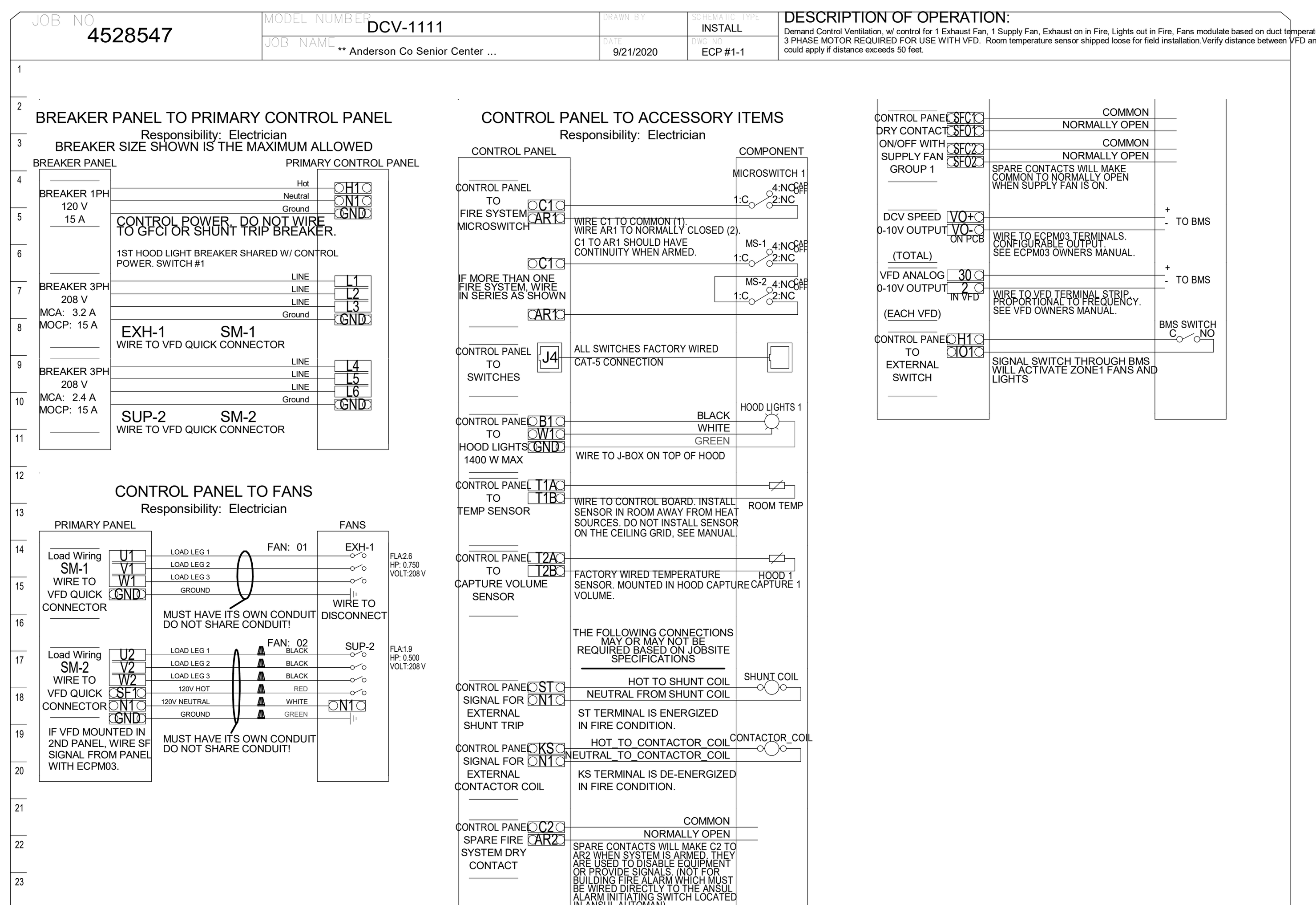
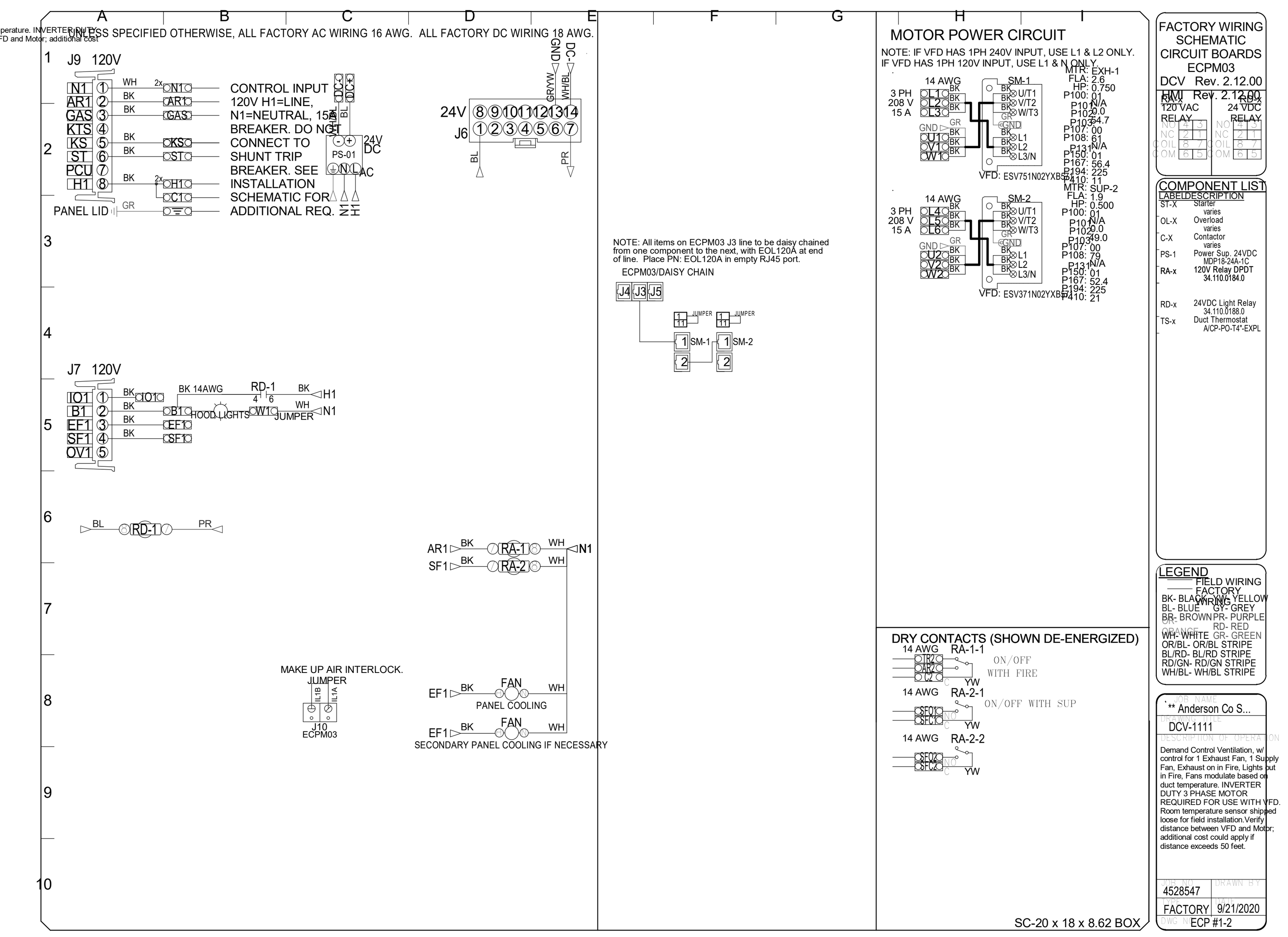
ELECTRICAL PACKAGE – JOB #4528547

NO	TAG	PACKAGE #	LOCATION	SWITCHES		OPTION	FANS CONTROLLED				
				LOCATION	QUANTITY		TYPE	ϕ	HP	VOLT	FLA
1		DCV-1111	UTILITY CABINET RIGHT	04 - UTILITY CABINET RIGHT	1 LIGHT	SMART CONTROLS DCV	EXHAUST	3	0.750	208	2.6
				HOOD # 1	1 FAN		SUPPLY	3	0.500	208	1.9



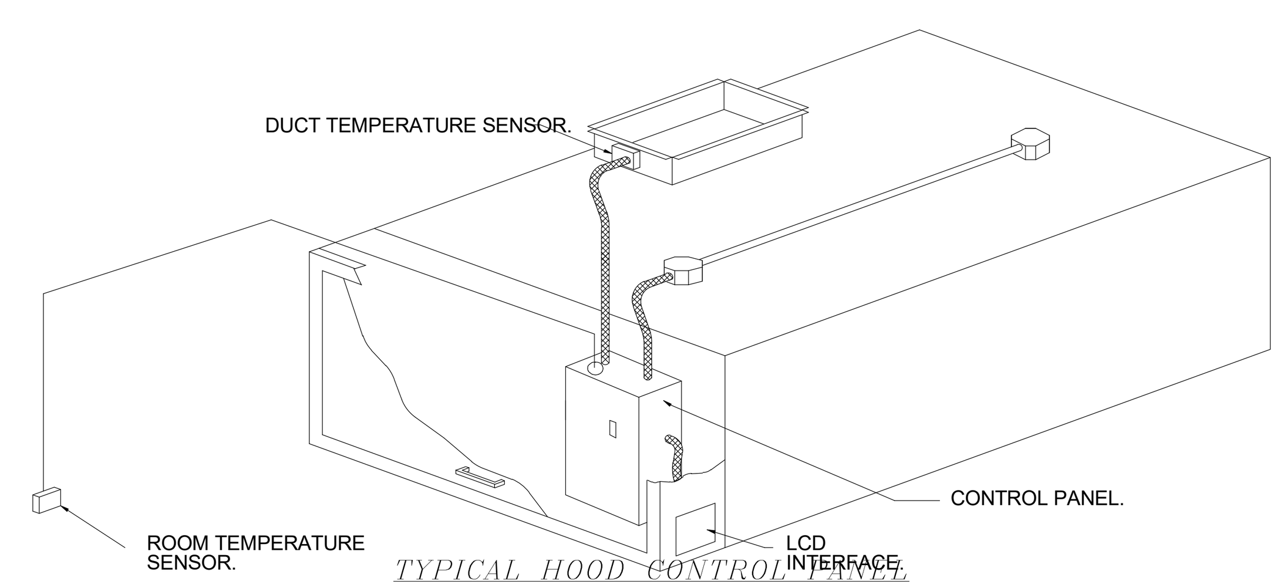
JOB NO 4528547
MODEL NUMBER DCV-1111
JOB NAME ** Anderson Co Senior Center ...
SCHEMATIC TYPE INSTALL
DATE 9/21/2020
DWG NO ECP #1-1
DESCRIPTION OF OPERATION:
Demand Control Ventilation, w/ control for 1 Exhaust Fan, 1 Supply Fan, Exhaust on in Fire, Lights out in Fire, Fans modulate based on duct temperature.
3 PHASE MOTOR REQUIRED FOR USE WITH VFD. Room temperature sensor shipped loose for field installation.Verify distance between VFD and Motor
could apply if distance exceeds 50 feet.
BREAKER PANEL TO PRIMARY CONTROL PANEL
Responsibility: Electrician
BREAKER SIZE SHOWN IS THE MAXIMUM ALLOWED
CONTROL PANEL TO ACCESSORY ITEMS
Responsibility: Electrician
CONTROL PANEL TO FANS
Responsibility: Electrician
EXH-1 SM-1
SUP-2 SM-2
SPARE FIRE SYSTEM DRY CONTACT
SPARE CONTACTS WILL MAKE C2 TO AR2 WHEN SYSTEM IS ARMED. THEY ARE USED TO DISABLE EQUIPMENT OR PROVIDE SIGNALS. (NOT FOR BUILDING FIRE ALARM WHICH MUST BE WIRED DIRECTLY TO THE ANSUL ALARM INITIATING SWITCH LOCATED IN ANSUL AUTOMAN)



MOTOR POWER CIRCUIT
FACTORY WIRING SCHEMATIC CIRCUIT BOARDS ECPM03
COMPONENT LIST
LEGEND
DRY CONTACTS (SHOWN DE-ENERGIZED)
MAKE UP AIR INTERLOCK JUMPER
PANEL COOLING
SECONDARY PANEL COOLING IF NECESSARY
4528547
FACTORY 9/21/2020
ECP #1-2
SC-20 x 18 x 8.62 BOX

DEMAND CONTROL VENTILATION HOOD CONTROL PANEL SPECIFICATIONS:

- CONTROLS SHALL BE LISTED BY ETL (UL 508A) AND SHALL COMPLY WITH DEMAND VENTILATION SYSTEM TURNDOWN REQUIREMENTS OUTLINED IN IECC 403.2.8 (2015).
- THE CONTROL ENCLOSURE SHALL BE NEMA 1 RATED AND LISTED FOR INSTALLATION INSIDE OF THE EXHAUST HOOD UTILITY CABINET. THE CONTROL ENCLOSURE MAY BE CONSTRUCTED OF STAINLESS STEEL OR PAINTED STEEL.
- TEMPERATURE PROBE(S) LOCATED IN THE EXHAUST DUCT RISER(S) SHALL BE CONSTRUCTED OF STAINLESS STEEL.
- A DIGITAL CONTROLLER SHALL BE PROVIDED TO ACTIVATE THE HOOD EXHAUST FANS DYNAMICALLY BASED ON A FIXED DIFFERENTIAL BETWEEN THE AMBIENT AND DUCT TEMPERATURES SENSORS. THIS FUNCTION SHALL MEET THE REQUIREMENTS OF IMC 507.1.1.
- A DIGITAL CONTROLLER SHALL PROVIDE ADJUSTABLE HYSTERESIS SETTINGS TO PREVENT CYCLING OF THE FANS AFTER THE COOKING APPLIANCES HAVE BEEN TURNED OFF AND/OR THE HEAT IN THE EXHAUST SYSTEM IS REDUCED.
- A DIGITAL CONTROLLER SHALL PROVIDE AN ADJUSTABLE MINIMUM FAN RUN-TIME SETTING TO PREVENT FAN CYCLING.
- VARIABLE FREQUENCY DRIVES (VFDS) SHALL BE PROVIDED FOR FANS AS REQUIRED. THE DIGITAL CONTROLLER SHALL MODULATE THE VFDS BETWEEN A MINIMUM SETPOINT AND A MAXIMUM SETPOINT ON DEMAND. THE DUCT TEMPERATURE SENSOR INPUT(S) TO THE DIGITAL CONTROLLER SHALL BE USED TO CALCULATE THE SPEED REFERENCE SIGNAL.
- THE VFD SPEED RANGE OF OPERATION SHALL BE FROM 0% TO 100% FOR THE SYSTEM, WITH THE ACTUAL MINIMUM SPEED SET AS REQUIRED TO MEET MINIMUM VENTILATION REQUIREMENTS.
- AN INTERNAL ALGORITHM TO THE DIGITAL CONTROLLER SHALL MODULATE SUPPLY FAN VFD SPEED PROPORTIONAL TO ALL EXHAUST FANS THAT ARE LOCATED IN THE SAME FAN GROUP AS THE SUPPLY FAN.
- THE SYSTEM SHALL OPERATE IN PREP MODE DURING LIGHT COOKING LOAD OR COOL DOWN MODE WHEN SUFFICIENT HEAT REMAINS UNDERNEATH THE HOOD SYSTEM AFTER COOKING OPERATIONS HAVE COMPLETED. OPERATION DURING EITHER OF THESE PERIODS WILL DISABLE THE SUPPLY FANS AND PROVIDE AN EXHAUST FAN SPEED THAT IS EQUAL TO THE MINIMUM VENTILATION REQUIREMENT.
- A DIGITAL CONTROLLER SHALL DISABLE THE SUPPLY FAN(S), ACTIVATE THE EXHAUST FAN(S), ACTIVATE THE APPLIANCE SHUNT TRIP, AND DISABLE AN ELECTRIC GAS VALVE AUTOMATICALLY WHEN FIRE CONDITION IS DETECTED ON A COVERED HOOD.
- A DIGITAL CONTROLLER SHALL ALLOW FOR EXTERNAL BMS FAN CONTROL VIA DRY CONTACT (EXTERNAL CONTROL SHALL NOT OVERRIDE FAN OPERATION LOGIC AS REQUIRED BY CODE).
- AN LCD INTERFACE SHALL BE PROVIDED WITH THE FOLLOWING FEATURES:
  A. ON/OFF PUSH BUTTON FAN & LIGHT SWITCH ACTIVATION.
  B. INTEGRATED GAS VALVE RESET FOR ELECTRONIC GAS VALVES (NO RESET RELAY REQUIRED).
  C. VFD FAULT DISPLAY WITH AUDIBLE & VISUAL ALARM NOTIFICATION.
  D. DUCT TEMPERATURE SENSOR FAILURE DETECTION WITH AUDIBLE & VISUAL ALARM NOTIFICATION.
  E. MIS-WIRED DUCT TEMPERATURE SENSOR DETECTION WITH AUDIBLE & VISUAL ALARM NOTIFICATION.
  F. A SINGLE LOW VOLTAGE CAT-5 RJ45 WIRING CONNECTION.
  G. AN ENERGY SAVINGS INDICATOR THAT UTILIZES MEASURED KWH FROM THE VFDS.



TYPICAL HOOD CONTROL PANEL INSTALLATION

SEQUENCE OF OPERATIONS:

THE HOOD CONTROL PANEL IS CAPABLE OF OPERATING IN ONE OR MORE OF THE FOLLOWING STATES AT ANY GIVEN TIME:

- AUTOMATIC: THE SYSTEM OPERATES BASED ON THE DIFFERENTIAL BETWEEN ROOM TEMPERATURE AND THE TEMPERATURE AT THE HOOD CAVITY OR EXHAUST DUCT COLLAR. FANS ACTIVATE AT A CONFIGURABLE TEMPERATURE DIFFERENTIAL THRESHOLD. DEPENDING ON THE JOB CONFIGURATION EACH FAN ZONE CAN BE CONFIGURED AS STATIC OR DYNAMIC. THESE TERMS REFER TO WHETHER A VARIABLE MOTOR (SUCH AS EC MOTORS OR VFD DRIVEN MOTORS) MODULATE WITH TEMPERATURE. IF THE PANEL IS EQUIPPED WITH VARIABLE SPEED FANS AND THE ZONE IS DEFINED AS "DYNAMIC", THESE WILL MODULATE WITHIN A USER-DEFINED RANGE BASED ON THE TEMPERATURE DIFFERENTIAL. PANELS EQUIPPED WITH VARIABLE SPEED FANS AND A FAN ZONE DEFINED AS "STATIC", FANS WILL RUN AT A SET SPEED CALCULATED FOR THE DRIVE. DEMAND CONTROL VENTILATION SYSTEMS ARE CAPABLE OF MODULATING EXHAUST AND MAKE UP AIR FAN SPEEDS PER THE REQUIREMENTS OUTLINED IN IECC 403.2.8.
- MANUAL: THE SYSTEM OPERATES BASED ON HUMAN INPUT FROM AN HMI.
- SCHEDULE: A WEEKLY SCHEDULE CAN BE SET TO RUN FANS FOR A SPECIFIED PERIOD THROUGHOUT THE DAY. THERE ARE THREE OCCUPIED TIMES PER DAY TO ALLOW FOR THE USER TO SET UP A TIME THAT IS SUITABLE TO THEIR NEEDS. ANY TIME THAT IS WITHIN THE DEFINED OCCUPIED TIME, THE SYSTEM WILL RUN AT MODULATION MODE AND FOLLOW THE FAN PROCEDURE ALGORITHM BASED ON TEMPERATURE DURING THIS TIME. DURING UNOCCUPIED TIME, THE SYSTEM WILL HAVE AN EXTRA OFFSET TO PREVENT UNINTENDED ACTIVATION OF THE SYSTEM DURING A TIME WHERE THE SYSTEM IS NOT BEING OCCUPIED.
- OTHER: THE SYSTEM OPERATES BASED ON THE INPUT FROM AN EXTERNAL SOURCE (DDC, BMS OR HARD-WIRED INTERLOCK).
- FIRE: UPON ACTIVATION OF THE HOOD FIRE SUPPRESSION SYSTEM, THE EXHAUST FAN WILL COME ON OR CONTINUE TO TO RUN, THE HOOD MAKEUP AIR WILL SHUTDOWN, AND A SIGNAL WILL BE SENT FOR ACTIVATING THE SHUNT TRIP BREAKER PROVIDED BY THE ELECTRICIAN. FUEL GAS WILL SHUT OFF VIA A MECHANICAL/ELECTRICAL GAS VALVE ACTUATED BY THE HOOD FIRE SUPPRESSION SYSTEM.

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Revisions

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HOOD PACKAGE SELECTION

M0.8

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SYSTEM DESIGN VERIFICATION (SDV)

IF ORDERED, CAS SERVICE WILL PERFORM A SYSTEM DESIGN VERIFICATION (SDV) ONCE ALL EQUIPMENT HAS HAD A COMPLETE START UP PER THE OPERATION AND INSTALLATION MANUAL. TYPICALLY, THE SDV WILL BE PERFORMED AFTER ALL INSPECTIONS ARE COMPLETE.

ANY FIELD RELATED DISCREPANCIES THAT ARE DISCOVERED DURING THE SDV WILL BE BROUGHT TO THE ATTENTION OF THE GENERAL CONTRACTOR AND CORRESPONDING TRADES ON SITE. THESE ISSUES WILL BE DOCUMENTED AND FORWARDED TO THE APPROPRIATE SALES OFFICE. IF CAS SERVICE HAS TO RESOLVE A DISCREPANCY THAT IS A FIELD ISSUE, THE GENERAL CONTRACTOR WILL BE NOTIFIED AND BILLED FOR THE WORK. SHOULD A RETURN TRIP BE REQUIRED DUE TO ANY FIELD RELATED DISCREPANCY THAT CANNOT BE RESOLVED DURING THE SDV, THERE WILL BE ADDITIONAL TRIP CHARGES.

DURING THE SDV, CAS SERVICE WILL ADDRESS ANY DISCREPANCY THAT IS THE FAULT OF THE MANUFACTURER. SHOULD A RETURN TRIP BE REQUIRED, THE GENERAL CONTRACTOR AND APPROPRIATE SALES OFFICE WILL BE NOTIFIED. THERE WILL BE NO ADDITIONAL CHARGES FOR MANUFACTURER DISCREPANCIES.

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HOOD PACKAGE SELECTION

M0.9

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File: C:\Users\AndrewTurner\Documents\220\2020 Anderson Co Senior Center Kitchen Reno - MEP-V20_atumerBHW6.rvt

Panel **B** — ROOM: MOUNTING SURFACE; FED FROM M; NOTE EXISTING — VOLTS 208Y/120V 3P 4W; BUS AMPS 125; NEUTRAL 100% — AIC EXISTING; MAIN BKR MLO; LUGS STANDARD

CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION		CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION
1	20/1	1.0	LIGHTING	a	2	20/1	0.9	RECEPTACLE
3	20/1	1.0	LIGHTING	b	4	20/1	0.5	RECEPTACLE
5	20/1	0.5	ICE MACHINE	c	6	20/1	1.2	VENDING MACHINE
7	20/1	1.1	RECEPTACLE	a	8	20/1	0.6	REFRIGERATOR
9	20/1	1.2	MICROWAVE	b	10	20/1	0.6	FREEZER
11	20/1	0.0	SPACE	c	12	20/1	0.4	RECEPTACLE
13	80/2	12.0	WH-1	a	14	20/1	1.2	VENDING MACHINE
15	|			b	16	20/1	0.6	FREEZER
17	20/3	0.9	MUA-1	c	18	20/1	0.6	FREEZER
19	|			a	20	20/1	0.6	REFRIGERATOR
21	|			b	22	20/1	0.6	REFRIGERATOR
23	20/1	0.9	RECEPTACLE	c	24	20/1	0.0	SPACE
25	20/3	0.9	KEF-1	a	26	20/1	0.0	SPACE
27	|			b	28	20/1	0.0	SPACE
29	|			c	30	20/1	0.0	SPACE

	CONN KVA	CALC KVA			CONN KVA	CALC KVA	
LIGHTING	2.0	2.5	(125%)	KITCHEN EQUIPMENT	4.1	2.7	(65%)
RECEPTACLES	7.4	7.4	(50%>10)	CONTINUOUS	12.0	15.0	(125%)
				HEATING	1.8	1.8	(100%)
				TOTAL LOAD		29.3	
				BALANCED 3-PHASE LOAD		81.5 A	
				PHASE A		132%	
				PHASE B		124%	
				PHASE C		44.1%	

Panel **M** — ROOM: MOUNTING SURFACE; FED FROM UTILITY; NOTE EXISTING — VOLTS 208Y/120V 3P 4W; BUS AMPS 400; NEUTRAL 100% — AIC EXISTING; MAIN BKR 400; LUGS STANDARD

CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION		CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION
1	20/1	0.0	SPACE	a	2	20/1	0.0	SPACE
3	20/1	0.0	SPACE	b	4	20/1	0.0	SPACE
5	20/1	0.0	SPACE	c	6	20/1	0.0	SPACE
7	60/3	15.0	EXISTING AC-3	a	8	60/3	15.0	EXISTING AC-1
9	|			b	10	|		
11	|			c	12	|		
13	60/3	15.0	EXISTING AC-2	a	14	60/3	15.0	EXISTING AC-4
15	|			b	16	|		
17	|			c	18	|		
19	20/1	0.6	EXISTING	a	20	100/3	27.3	PANEL B
21	20/1	0.6	EXISTING	b	22	|		
23	20/1	0.6	EXISTING	c	24	|		
25	20/1	0.6	EXISTING	a	26	20/1	0.6	EXISTING
27	20/1	0.6	EXISTING	b	28	20/1	0.6	EXISTING
29	20/1	0.6	EXISTING	c	30	20/1	0.6	EXISTING
31	20/1	0.6	EXISTING	a	32	20/1	0.6	EXISTING
33	20/1	0.6	EXISTING	b	34	20/1	0.6	EXISTING
35	20/1	0.6	EXISTING	c	36	20/1	0.6	EXISTING
37	100/3	31.8	PANEL A	a	38	20/1	0.0	SPACE
39	|			b	40	20/1	0.0	SPACE
41	|			c	42	20/1	0.0	SPACE

	CONN KVA	CALC KVA			CONN KVA	CALC KVA	
LIGHTING	4.6	5.8	(125%)	KITCHEN EQUIPMENT	9.6	6.2	(65%)
RECEPTACLES	35.6	22.8	(50%>10)	CONTINUOUS	12.0	15.0	(125%)
				HEATING	66.3	66.3	(100%)
				TOTAL LOAD		116.1	
				BALANCED 3-PHASE LOAD		322.3 A	
				PHASE A		103%	
				PHASE B		109%	
				PHASE C		87.5%	

GENERAL SCHEDULE

CALLOUT	CUSTOM PANEL DESCRIPTION	SYMBOL	VOLTS	KVA	BREAKER	WIRE CALLOUT	DISCONNECT DESCRIPTION
1	FREEZER		120V 1P 2W	0.6	20/1	1/2"C,1#12,#12N,#12G	NEMA 5-15R
2	REFRIGERATOR		120V 1P 2W	0.6	20/1	1/2"C,1#12,#12N,#12G	NEMA 5-15R
3	ICE MAKER		120V 1P 2W	0.6	20/1	1/2"C,1#12,#12N,#12G	NEMA 5-15R
KEF-1	KEF-1		208V 3P 4W	0.94	20/3	1/2"C,3#12,#12N,#12G	30A/3P/NEMA 3R
MUA-1	MUA-1		208V 3P 4W	0.86	20/3	1/2"C,3#12,#12N,#12G	30A/3P/NEMA 3R
WH-1	WH-1		208/120V 2P 3W	12	80/2	1-1/4"C,2#2,#2N,#8G	100A/2P/NEMA 1

2

LUMINAIRE SCHEDULE

CALLOUT	LAMP	DESCRIPTION	MODEL	VOLTS	NOTE 1
A	(1) 12W LED	BLACK PENDANT CYLINDER	EXISTING	120V 1P 2W	CONTRACTOR TO INSTALL PAR38 LAMP W/ 40 DEGREE REFLECTOR
B	(1) 32W FLUORESCENT	PENDANT MOUNTED 1X4	EXISTING	120V 1P 2W	
C	(1) 51W LED	1'x4' LINEAR FIXTURE	LITHONIA LIGHTING GRD LLP 12FT 80CRI 35K ID1500LMF 20/80 MIN10 ZT SCT F2/144A C210	120V 1P 2W	
D	(1) 31W LED	2x4 LED LINEAR TROFFER	COLOMBIA LIGHTING CBT24-LS35	120V 1P 2W	
T	(2) 1.5W LED	EMERGENCY LIGHTING UNIT	LITHONIA ELM2-LED	120V 1P 2W	
X	(1) 5W LED	THERMOPLASTIC EXIT SIGN WITH BACKUP BATTERY	EXISTING	120V 1P 2W	
XR	(1) INCLUDED	REMOTE LAMP HEAD	LITHONIA ELA-QWP-L0309-SD	120V 1P 2W	

Panel **A** — ROOM: MOUNTING SURFACE; FED FROM M; NOTE EXISTING — VOLTS 208Y/120V 3P 4W; BUS AMPS 125; NEUTRAL 100% — AIC EXISTING; MAIN BKR MLO; LUGS STANDARD

CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION		CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION
1	20/1	1.0	EXISTING	a	2	20/1	0.6	EXISTING
3	20/1	1.0	EXISTING	b	4	20/1	0.6	EXISTING
5	30/2	1.5	EXISTING	c	6	20/1	0.6	EXISTING
7	|			a	8	20/1	0.6	EXISTING
9	30/2	4.5	EXISTING	b	10	20/1	0.6	EXISTING
11	|			c	12	20/1	0.9	EXISTING RECPT.
13	20/1	0.8	EXISTING	a	14	20/1	0.9	EXISTING RECPT.
15	20/1	0.6	EXISTING	b	16	20/1	0.5	EXISTING RECPT.
17	20/1	0.6	EXISTING	c	18	20/1	0.6	EXISTING
19	20/1	0.6	EXISTING	a	20	20/1	0.6	EXISTING
21	20/1	1.2	EXISTING	b	22	20/1	0.6	EXISTING
23	20/1	0.6	EXISTING	c	24	20/1	0.6	EXISTING
25	40/2	5.0	EXISTING	a	26	20/1	0.6	EXISTING
27	|			b	28	50/2	5.5	EXISTING
29	20/1	0.6	EXISTING	c	30	|		

	CONN KVA	CALC KVA			CONN KVA	CALC KVA	
LIGHTING	2.6	3.3	(125%)	KITCHEN EQUIPMENT	5.5	5.5	(100%)
RECEPTACLES	19.2	14.6	(50%>10)	HEATING	4.5	4.5	(100%)
				TOTAL LOAD		27.9	
				BALANCED 3-PHASE LOAD		77.4 A	
				PHASE A		83.7%	
				PHASE B		118%	
				PHASE C		98%	

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PROJECT # 220020

Anderson County Senior Center

96 Mariner Point Dr.
Clinton, TN 37716

JORDAN M. ARMENT — REGISTERED ENGINEER — No. 111995 — STATE OF TENNESSEE

Project Phase: Construction Documents

Issue Date: 07/31/20		
Revisions		
No.	Descripton	Date
2	ADDENDUM 1	10.05.2020

Job Number: 20033

SCHEDULES

E0.3

KEYNOTES

1. HATCHED AREA NOT IN SCOPE.
2. PANEL IS EXISTING TO REMAIN. PANEL HEIGHT TO BE ADJUSTED SO THAT THE CENTER OF THE HIGHEST BREAKER SHALL NOT EXCEED 6'-7" ABOVE FINISHED FLOOR. PANEL LOCATION AND HEIGHT SHALL COMPLY WITH NEC 240.24 AND IS TO BE COORDINATED AND CONFIRMED WITH THE ARCHITECT AND OWNER. EXTEND WIRE AND CONDUIT AS NECESSARY.
3. EXISTING MECHANICAL UNIT IS TO REMAIN, MAINTAIN CIRCUITING. REFERANCE MECHANICAL DRAWINGS FOR MORE INFORMATION.
4. PANEL IS EXISTING TO REMAIN. MAINTAIN CIRCUITING AND ANY ASSOCIATED DEVICES UNLESS NOTED OTHERWISE.
5. COORDINATE ALL HOOD REQUIREMENTS WITH MANUFACTURER AND MECHANICAL DOCUMENTS PRIOR TO ROUGH-IN.

GENERAL NOTES

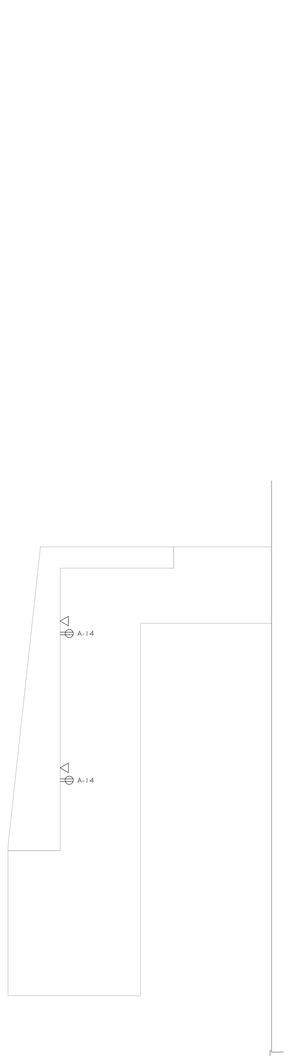
A. ALL RECEPTACLES SHALL BE GROUNDED AS REQUIRED BY ARTICLE 250-146.

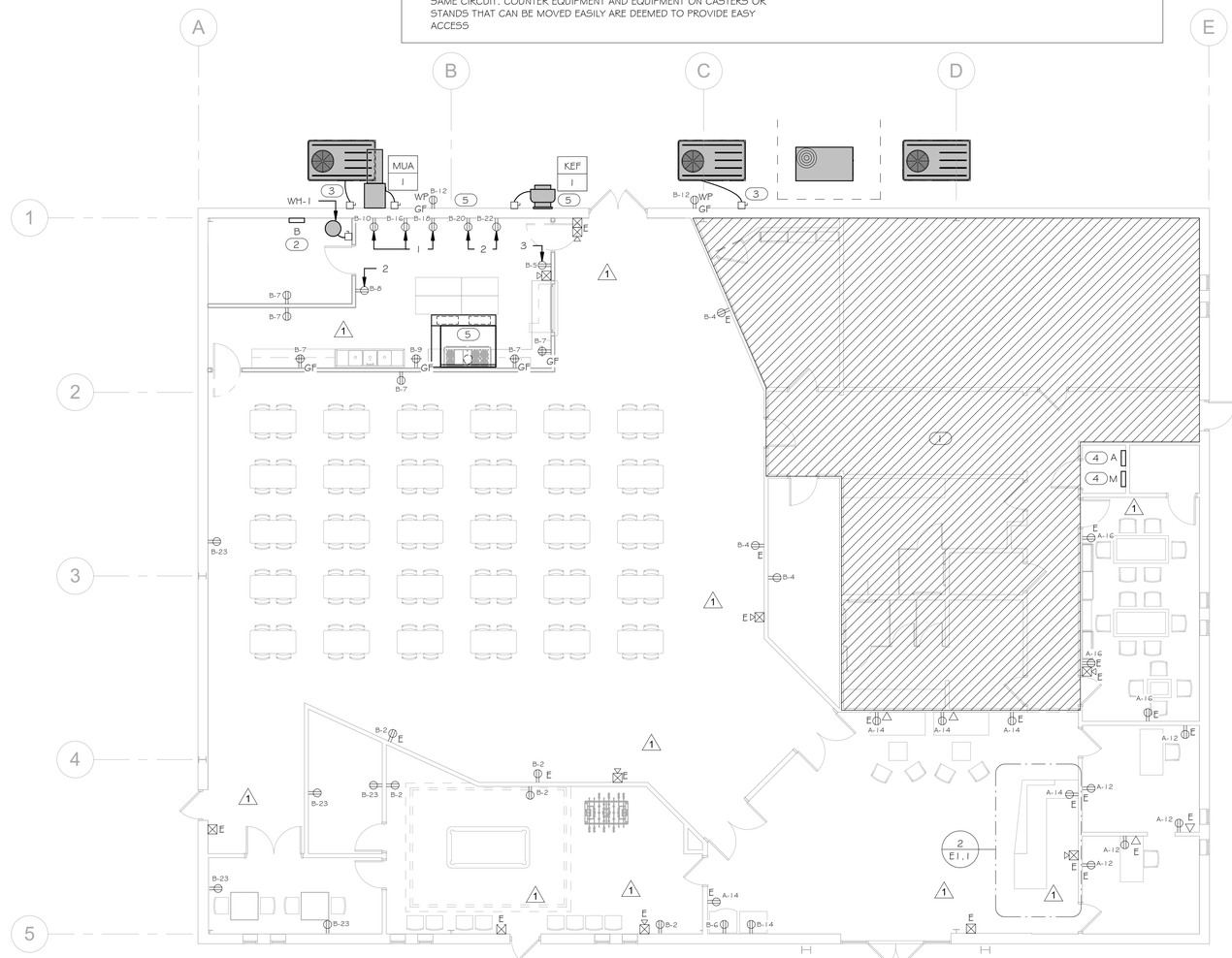
B. FOR ALL KITCHEN AND BAR EQUIPMENT, SEE EQUIPMENT SCHEDULE ON THIS SHEET FOR ELECTRICAL CONNECTION INFORMATION AND OTHER GENERAL INFORMATION. KITCHEN APPLIANCE CONNECTION LOCATION TO BE COORDINATED WITH THE ACTUAL EQUIPMENT INSTALLED. REFER TO ARCHITECTURAL DOCUMENTS FOR MOUNTING HEIGHT AND DIMENSIONS. COORDINATE EXACT ELECTRICAL REQUIREMENTS WITH KITCHEN EQUIPMENT SUPPLIER PRIOR TO ROUGH-IN.

C. ALL SINGLE-PHASE RECEPTACLES RATED 150V TO GROUND OR LESS, 50A OR LESS AND THREE-PHASE RECEPTACLES RATED 150V TO GROUND OR LESS, 100A OR LESS IN KITCHEN AND FOOD PREP AREAS SHALL BE GFCI PER NEC 210.8(B). GFCI MUST BE READILY ACCESSIBLE FOR TESTING. FOR RECEPTACLES OBSTRUCTED FROM ACCESSIBILITY BY EQUIPMENT, ACCEPTABLE ALTERNATIVES TO A GFCI RECEPTACLE ARE REMOTE TEST BUTTONS, GFCI BREAKERS, OR GFCI RECEPTACLES UPSTREAM ON THE SAME CIRCUIT. COUNTER EQUIPMENT AND EQUIPMENT ON CASTERS OR STANDS THAT CAN BE MOVED EASILY ARE DEEMED TO PROVIDE EASY ACCESS

D. FIRE ALARM SYSTEM SHALL BE CONNECTED TO COMMERCIAL COOKING HOOD SUPPRESSION SYSTEM AND IS TO NOTIFY THE ALARM SYSTEM SHOULD THE HOOD GET DISCHARGED. COORDINATE WIRING AND SYSTEM REQUIREMENTS WITH FIRE MARSHALL AND COOKING HOOD MANUFACTURER.

E. ELECTRICAL CONTRACTOR TO VERIFY THE EXISTING FIRE ALARM SYSTEM IS IN WORKING ORDER AND CAN BE TESTED FOR COMPLIANCE BY THE CLINTON FIRE DEPARTMENT DURING THE FINAL BUILDING INSPECTION.





2 E1.1 ENLARGED RECEPTION DESK POWER PLAN - ADD ALTERNATE 1
1/2" = 1'-0"

1 E1.1 FLOOR PLAN - POWER
1/8" = 1'-0"

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Revisions		
No.	**Descripton**	**Date**
1	Revision 1	08.28.2020
2	ADDENDUM 1	10.05.2020

Job Number: 20033

FLOOR PLAN - POWER

E1.1

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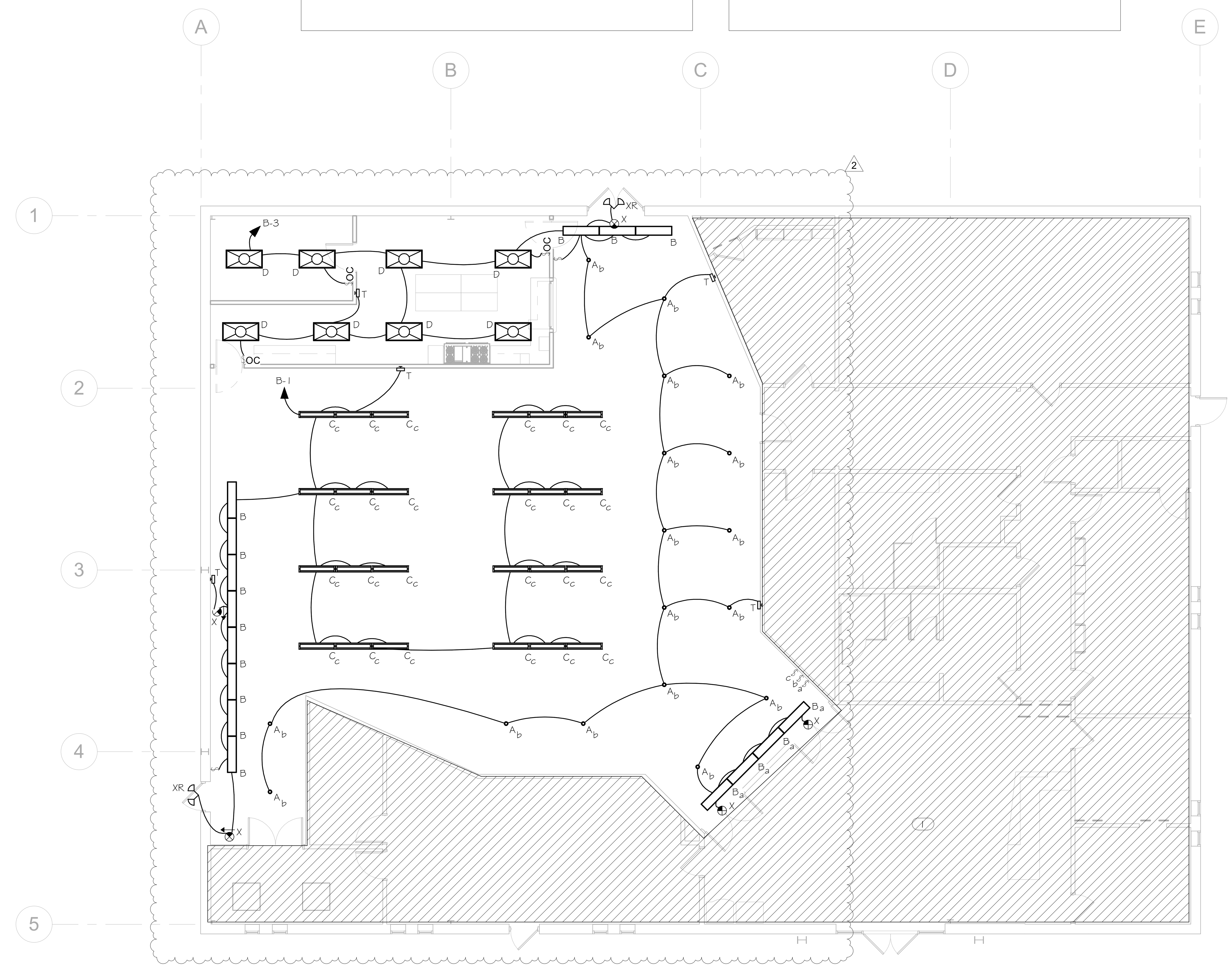
KEYNOTES

(1) HATCHED AREA NOT IN SCOPE.

GENERAL NOTES

A. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATIONS OF ALL CEILING MOUNTED DEVICES.

B. PROVIDE UNSWITCHED HOT LEG OF CIRCUIT TO EMERGENCY LIGHTING AND EXIT SIGNS.



(1/E2.1) FLOOR PLAN - LIGHTING
1/8" = 1'-0"

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No.	Descripton	Date
2	ADDENDUM 1	10.05.2020

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FLOOR PLAN - LIGHTING

E2.1

Date: 9/30/2020 3:42:48 PM
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