

PROJECT DATA

A.P.N.: 799-08-053
 OCCUPANCY TYPE: A3
 CONSTRUCTION TYPE: ∇ B, NOT SPRINK. \triangle
 REMODEL AREA: APPROX. 504 S.F.

PROJECT DESCRIPTION

REMODEL EXISTING KITCHEN INCLUDING EXPANSION INTO ADJACENT STORAGE ROOM AND REPLACEMENT OF EXISTING HOOD AND KITCHEN EQUIPMENT WITH MODIFICATION OF UTILITIES AS REQUIRED.

GENERAL NOTES

1. VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION.
2. ALL WORK TO BE DONE IN COMPLIANCE WITH 2022 C.B.C., C.M.C., C.P.C., C.F.C., C.E.C., AND ALL PERTINENT LOCAL, STATE AND FEDERAL CODES AND ORDINANCES.
3. THE ARCHITECT AND HIS CONSULTANTS DO NOT ASSUME ANY RESPONSIBILITY FOR THE METHOD AND/OR MANNER OF CONSTRUCTION NOR FOR ANY JOB SITE SAFETY DURING CONSTRUCTION.
4. ALL FINISH MATERIALS, COLORS, TEXTURES, PATTERNS, ETC. TO BE VERIFIED WITH OWNER PRIOR TO INSTALLATION.
5. ALL NEW & EXISTING EXPOSED SURFACES NOT FACTORY FINISHED TO BE PAINTED WITH QUALITY COMMERCIAL GRADE PAINT (2 FINISH COATS) OVER PROPERLY PRIMED OR PREPARED SURFACE PER PAINT MANUFACTURER RECOMMENDATIONS. ALL PAINT IN KITCHENS TO BE WASHABLE SEMI-GLOSS.
6. ALL DOOR PUSH PLATES, PULL HANDLES, LOCKSETS, ETC. TO BE HANDICAP APPROVED AND MOUNTED +34"- 44". ALL LOCKSETS OR LATCHSETS TO HAVE HANDICAP APPROVED LEVER HANDLES SIMILAR TYPE TO EXISTING. VERIFY ALL HARDWARE FINISHES WITH OWNER. VERIFY (E) & MODIFY AS REQUIRED.
7. ALL NEW DOORS TO BE 1 1/4" FLUSH SOLID CORE WOOD. FINISH COLOR AND MATERIAL TO MATCH EXISTING. DOOR HEIGHT TO BE 7'-0" U.N.O.
8. PROVIDE A 10" HT. STAINLESS STEEL KICK PLATE ON PUSH SIDE OF ALL KITCHEN DOORS.
9. ALL NEW GSM WORK TO BE 24 GA. MIN. DONE IN CONFORMANCE WITH APPROPRIATE SMACNA RECOMMENDATIONS AND DETAILS.
10. ALL NEW PENETRATIONS OF ROOF OR EXTERIOR WALL TO BE FLASHED AND/OR CAULKED AS APPROPRIATE TO PROVIDE WATER PROOF SEAL.
11. ALL AREAS DAMAGED BY DEMOLITION OR NEW CONSTRUCTION TO BE REPAIRED & FINISHED AS REQUIRED TO MATCH (E) ADJACENT SURFACES UNLESS SPECIFICALLY NOTED OTHERWISE.
12. PROVIDE A COMPLETE ANSUL FIRE PROTECTION SYSTEM AT HOOD BY SEPARATE PERMIT.

DRAWING INDEX

ARCHITECTURAL (DAVCO ASSOCIATES)

- A1 EXISTING FLOOR / SITE PLAN
- A2 (PROJECT AREA) EXISTING FLOOR / DEMO PLAN & EXISTING PARTIAL ROOF PLAN
- A3 (PROJECT AREA) NEW FLOOR / EQUIPMENT PLAN, CONCRETE WALK SECTION, EQUIPMENT SCHEDULE & FINISH SCHEDULE
- A4 (PROJECT AREA) NEW PLUMBING PLAN
- A5 NEW PARTIAL ATTIC PLAN, SECTION AT HOOD
- \triangle CG1-CG4 CAL GREEN MANDATORY MEASURES CHECKLIST

ELECTRICAL (CENTRAL PACIFIC ENGINEERING)

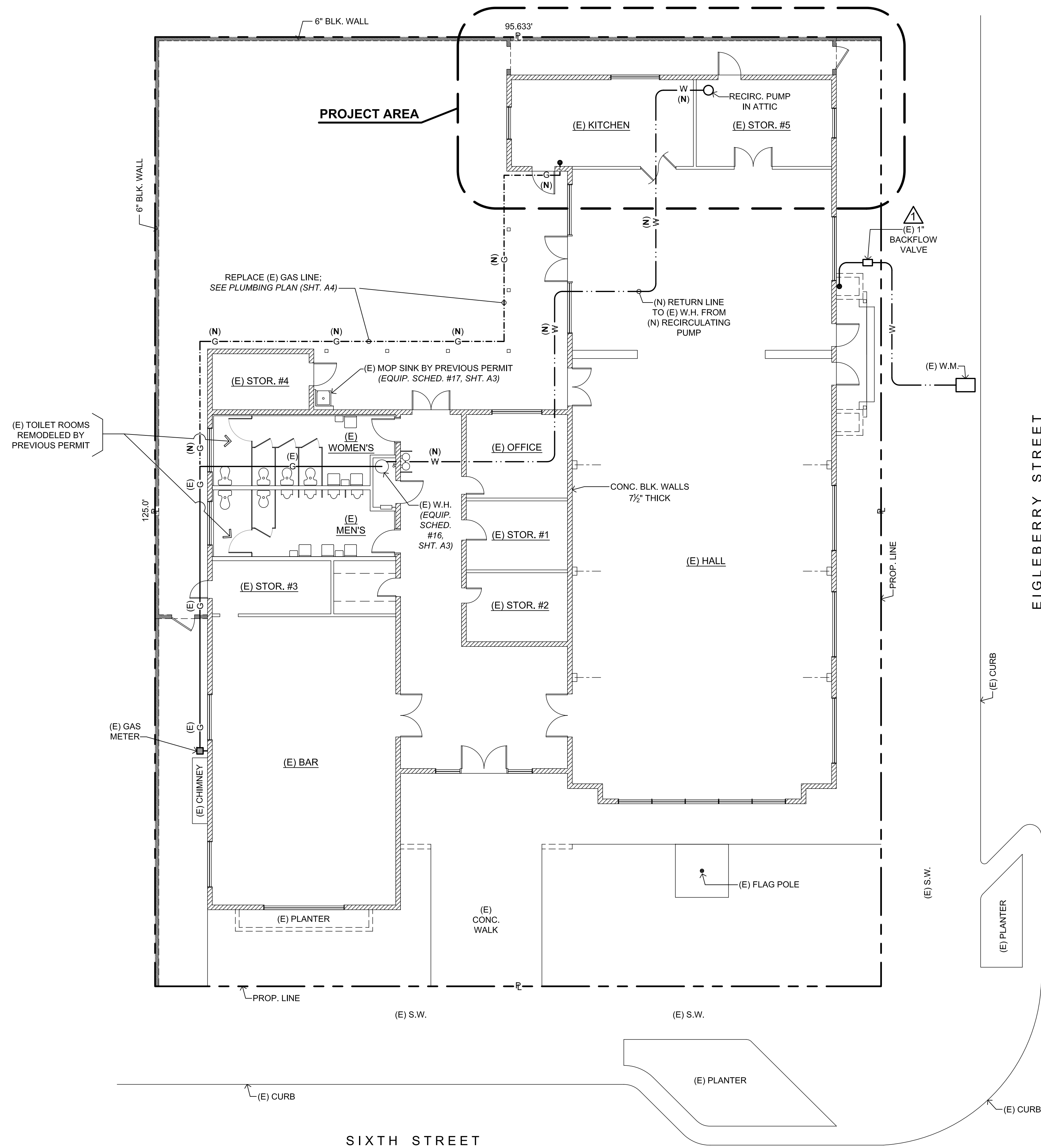
- E0.00 ELECTRICAL INFORMATION SHEET
- E0.10 TITLE 24 INTERIOR
- E2.00 LIGHTING PLAN - OVERALL
- E2.10 LIGHTING PLAN - ENLARGED
- E3.00 POWER PLAN - OVERALL
- E3.10 POWER PLAN - ENLARGED
- E3.20 POWER PLAN - ATTIC
- E5.00 ONE-LINE
- E5.10 PANEL SCHEDULES
- E7.00 ELECTRICAL SPECIFICATIONS

HOOD (ECON AIR)

- 1 HOOD PLAN & SECTION
- 2 EXHAUST FAN
- 3 MAKE UP AIR UNIT
- 4 ELECT. INFORMATION
- 5 EXHAUST DUCT
- 6 EXHAUST DUCT

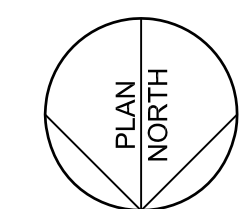
BID ALTERNATES

1. REPLACE TWO (E) WINDOWS IN KITCHEN W/ (N) MILGARD ALUMINUM FRAME LOCKABLE SLIDING WINDOWS W/ TINTED DOUBLE GLAZING & INSECT SCREEN.
2. EPOXY FLOOR (TERA-LITE, DEX-O-TEX OR APPROVED EQUAL) IN LIEU OF QUARRY TILE.



EXISTING FLOOR / SITE PLAN

1/8" = 1'-0"



REVISIONS	BY
29 MAR. 2024	
10 JUN. 2024	
\triangle 5 AUG. 2024	

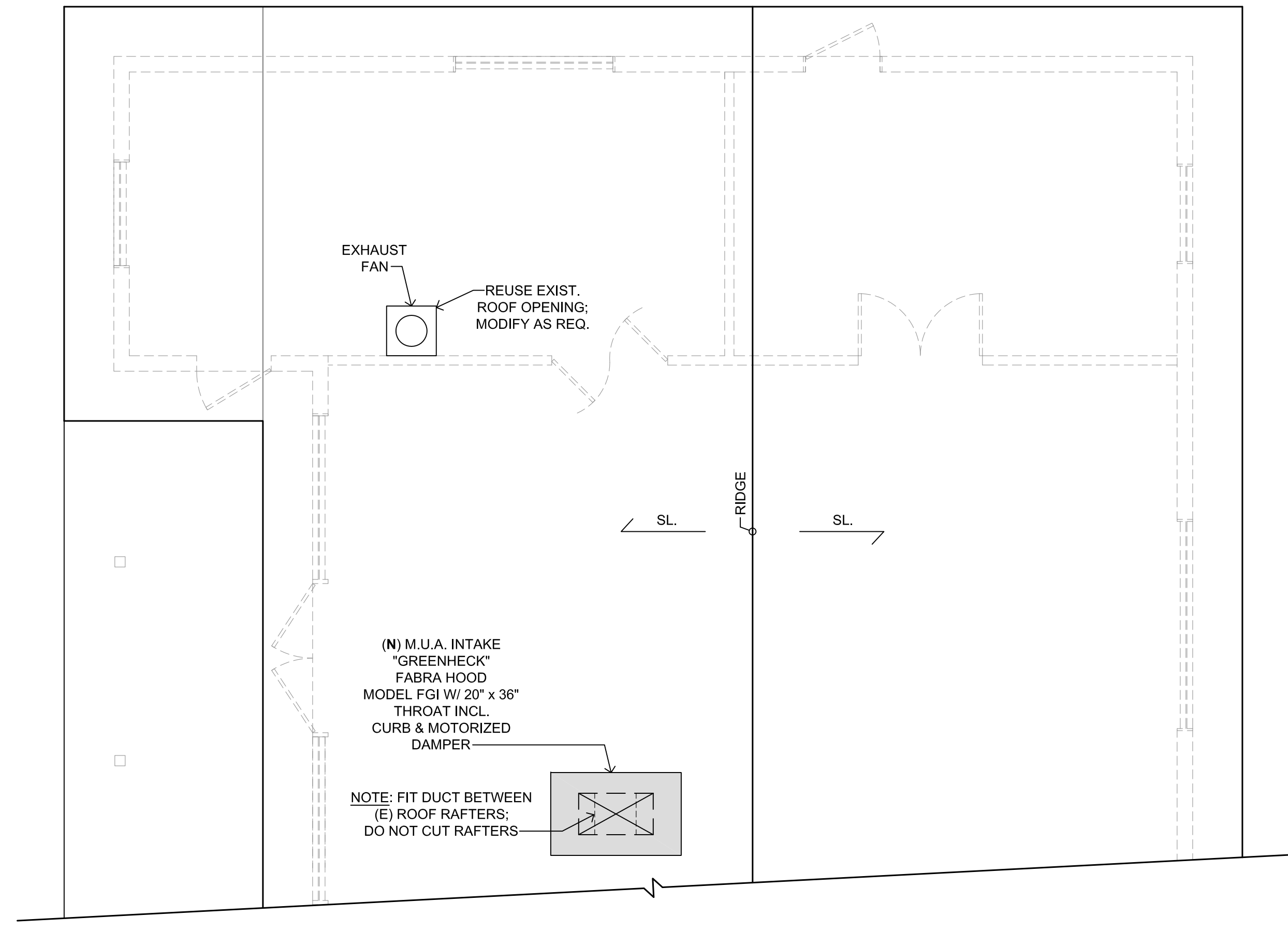
DAVCO ASSOCIATES (408) 778-2525
 architecture
 planning
 consultation

fax (408) 683-4244
 P.O. Box 1621
 Morgan Hill, CA 95038

KITCHEN REMODEL
 VETERAN'S HALL
 SOUTH SANTA CLARA VALLEY MEM. DIST.
 74 WEST SIXTH ST.
 GILROY, CA

DRAWN
CHECKED
DATE 10 FEB. 2024
SCALE AS NOTED
JOB NO. 2208
SHEET A1

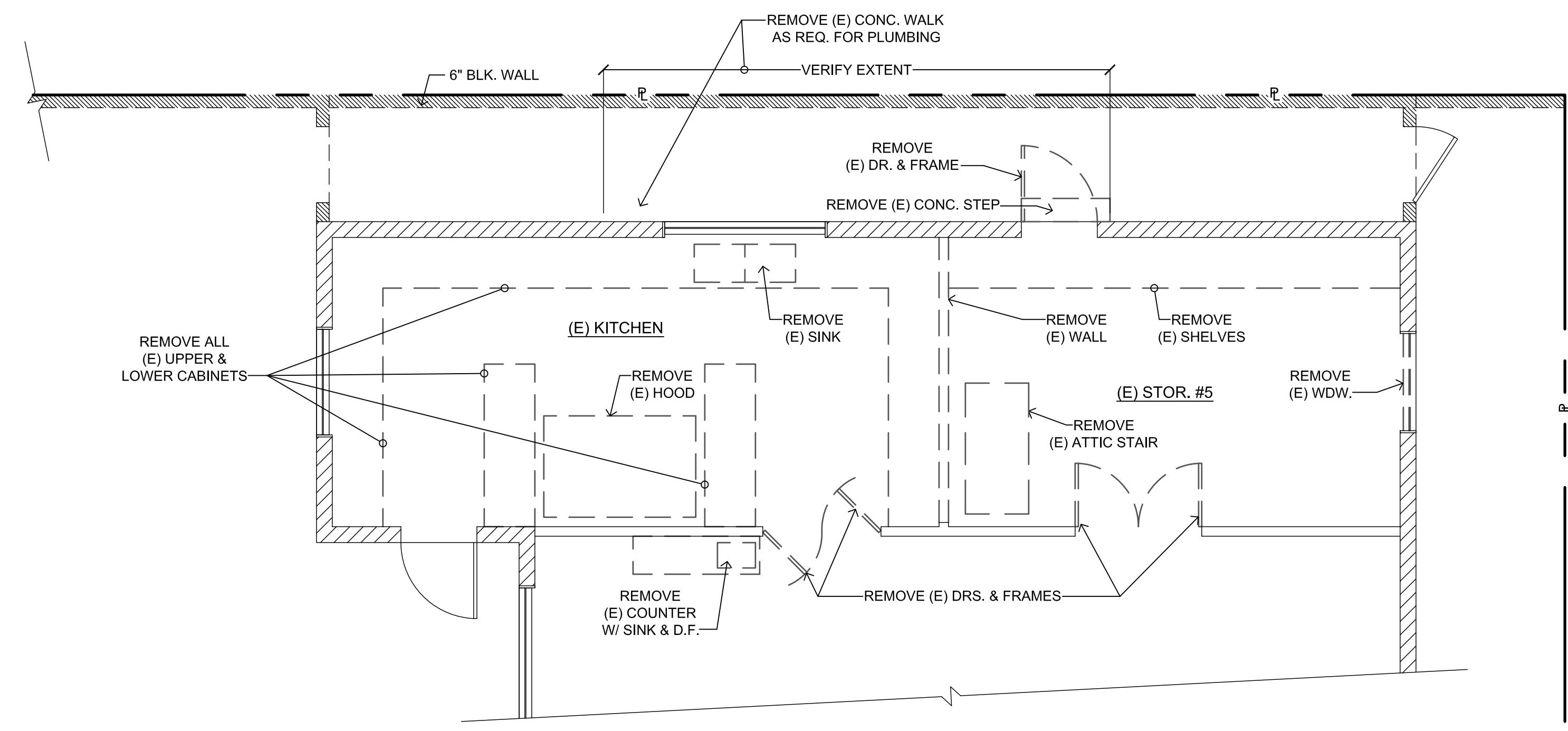
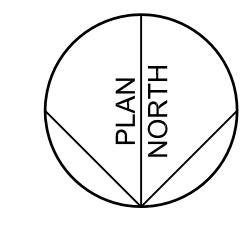
REVISIONS	BY
29 MAR. 2024	
10 JUN. 2024	



NOTE: ALL ROOF PENETRATIONS TO BE PROPERLY FLASHED TO PREVENT WATER INFILTRATION.

PARTIAL ROOF PLAN

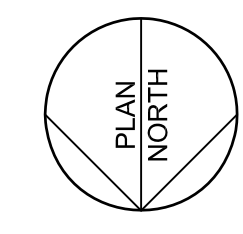
1/4" = 1'-0"



EXISTING FLOOR / DEMO PLAN

(PROJECT AREA)

1/4" = 1'-0"



DAVCO ASSOCIATES (408) 778-2525
 architecture
 planning
 consultation
 fax (408) 683-4244
 P.O. Box 1621
 Morgan Hill, CA 95038

KITCHEN REMODEL
 VETERAN'S HALL
 SOUTH SANTA CLARA VALLEY MEM. DIST.
 74 WEST SIXTH ST.
 GILROY, CA

DRAWN
 CHECKED
 DATE 10 FEB. 2024
 SCALE AS NOTED
 JOB NO. 2208
 SHEET

A2

OF SHEETS

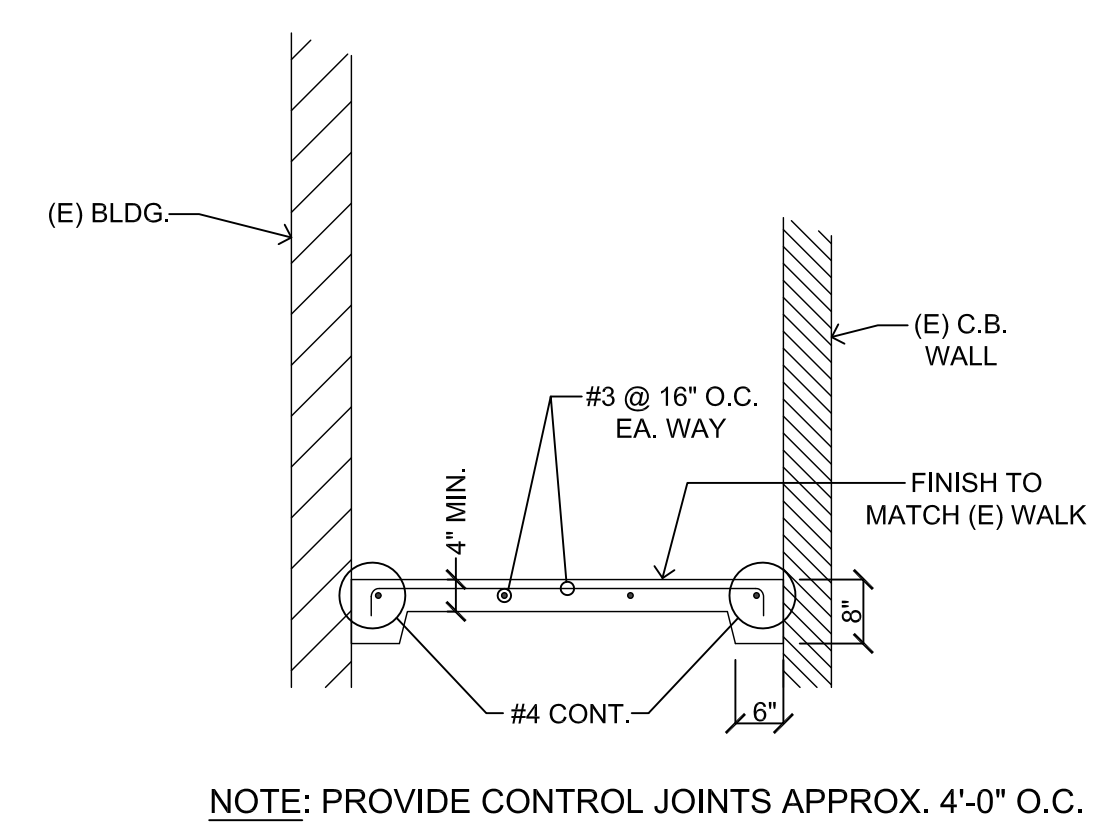
EQUIPMENT SCHEDULE						
ITEM	DESCRIPTION	PLAN DIM. (WIDTH x DEPTH)	GAS / ELECT.	WATER	DRAIN	REMARKS
1	GARLAND GAS GRIDDLE	35 ⁷ / ₁₆ " x 32"		-	-	WITH STAND ON CASTERS
2	EXISTING MONTAGUE 36" GAS RANGE	36" x 33 ³ / ₄ "	120,000 BTU	-	-	
3	VULCAN VSP SERIES STOCKPOT RANGE	18" x 24 ¹ / ₂ "	110,000 BTU	-	-	WITH STAND ON CASTERS
4	TRUE T-23-HC REFRIGERATOR	27" x 29 ¹ / ₂ "	115 / 60 / 1 1/4 H.P. 2.2A	-	-	ON CASTERS
5	BEVERAGE-AIR TMF IHC FREEZER	26 ³ / ₂ " x 33 ³ / ₁₆ "	115 / 60 / 1 1/2 H.P. 4.73A			ON CASTERS
6	REGENCY 3-COMP. SINK	100" x 25 ¹ / ₂ "		H.W. & C.W.	DRAIN TO GREASE TRAP	
7	GSW HS-2017W HAND SINK	20 ¹ / ₂ " x 17 ¹ / ₂ "		H.W. & C.W.	DRAIN TO (E) SAN. SEWER	PROVIDE SOAP & TOWEL DISP. ADJACENT TO SINK
8	GSW SH2424IL FOOD PREP. SINK	51 ¹ / ₈ " x 30"		H.W. & C.W.	DRAIN TO FLR. SK.	
9	VULCAN VC4G SINGLE CONVECTION OVEN	40 ¹ / ₄ " x 37 ³ / ₄ "	50,000 BTU	-	-	ON CASTERS
10	TRUE TUC-60-HC UNDER COUNTER REFRIG.	60 ³ / ₈ " x 30 ¹ / ₈ "	115 / 60 / 1 1/4 H.P. 4.0A	-	-	ON CASTERS
11	SOLWAVE #180MW1000SS MICROWAVE	20" x 18 ¹ / ₂ "	120 / 60 / 1 1,000W 8.3A	-	-	PROVIDE S.S. SHELF; VERIFY TYPE W/ OWNER
12	REGENCY WIRE STORAGE CAGES	4'-0" x 2'-0"				LOCKABLE UNITS ON WHEELS
13	MOVABLE TRASH CONTAINERS					VERIFY TYPE WITH OWNER
14	STAINLESS STEEL TABLE WITH SHELF	(A) 5'-0" x 30" (B) 5'-0" x 24"				14B ON WHEELS
15	VENT HOOD	13'-0" x 4'-6"				
16	EXISTING WATER HEATER BRADFORD / WHITE M-2-XR7556BN	26" DIA.	76,000 BTU	EXISTING	EXISTING	INSTALL (N) RECIRCULATING PUMP ON LINE TO KITCHEN; PROVIDE SHUT OFF SWITCH IN KITCHEN. NOT SHOWN BELOW; SEE SITE PLAN (SHT. A1)
17	EXISTING MOP SINK					INSTALLED BY PREVIOUS PERMIT. NOT SHOWN BELOW; SEE SITE PLAN (SHT. A1)
18	GREASE TRAP					NOT SHOWN BELOW; SEE PLUMBING PLAN (SHT. A4)
19	ULINE STOR. CBNT. H-6316 CLEANING SUPPLIES	18" x 18"				LOCKABLE
20	S.S. SHELF	6'-0" x 18"				

FINISH SCHEDULE (VERIFY ALL COLORS W/ TENANT)									
ROOM	FLOOR	BASE	WALLS				WNSCT.	CEILING	REMARKS
			NORTH	EAST	SOUTH	WEST			
KITCHEN AREA #1	QUARRY TILE	QUARRY TILE	SEE REMARKS	FRP FULL HEIGHT				SMOOTH GYP. BD. PAINTED	S.S. ON NORTH WALL; FULL HT. UNDER HOOD
KITCHEN AREA #2	QUARRY TILE	QUARRY TILE		FRP FULL HEIGHT				SMOOTH GYP. BD. PAINTED	
TABLE STORAGE	QUARRY TILE	QUARRY TILE		FRP FULL HEIGHT				SMOOTH GYP. BD. PAINTED	
MAIN HALL	(E)	(E)	(E)	(E)	PAINT COMPLETE WALL	(E)	-	(E)	

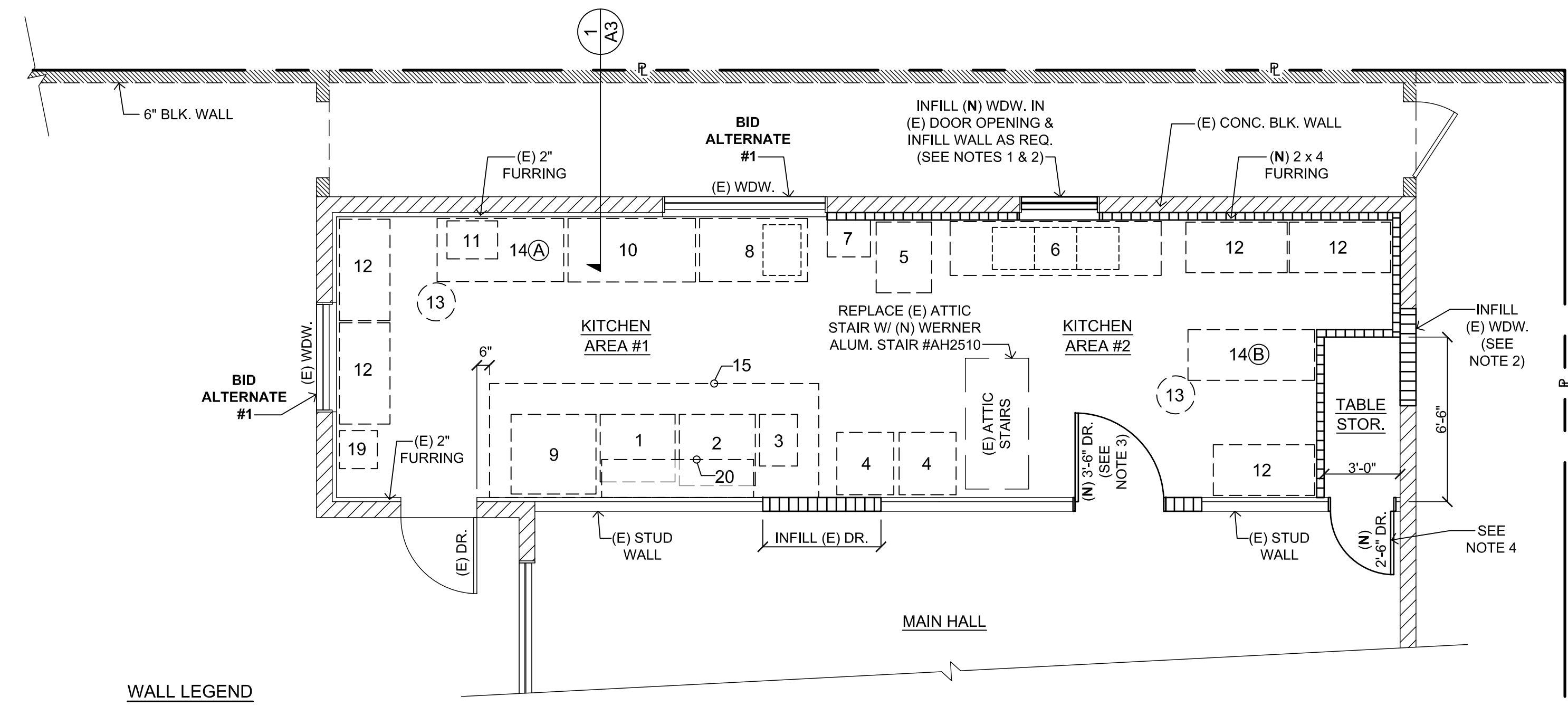
NOTES:

- 1 SMOOTH FINISH WITH SEMI-GLOSS ENAMEL.
- 2 VERIFY COLOR W/ TENANT & SUBMIT SAMPLE TO HEALTH DEPT. FOR APPROVAL. ALL TILE IN WALK AREAS TO BE SLIP RESISTANT.
- 3 ALL BASES TO BE 3/8" RADIUS COVE W/ 6" MIN. HT.
- 4 ALL WALLS & CEIL. WITHIN KITCHEN AREAS TO BE LIGHT COLOR (LIGHT REFLECTANCE VALUE OF 70% OR GREATER).
- 5 ALL GYP. BD. BEHIND FRP, TILE OR SIMILAR MATERIAL TO BE MOISTURE RESISTANT.
- 6 PROVIDE ALUM. RAMP TRANSITIONS MEETING A.D.A. REQ. AT ALL DOORS TO ACCOMMODATE VARIABLE HEIGHTS OF ADJACENT FLOOR FINISHES.
- 7 VERIFY COLOR & FINISH WITH TENANT

- NOTES:
- (N) WINDOW WIDTH TO FIT (E) DOOR OPENING & HEIGHT TO MATCH (E) WINDOWS. WINDOW TO BE MILGARD ALUM. FRAME LOCKABLE SLIDING WINDOW W/ TINTED DOUBLE GLAZING & INSECT SCREEN.
 - WINDOW INFILL TO BE CONC. BLK. TO MATCH (E) WALL.
 - DOOR HARDWARE: (3) 5" HT. x 0.180" THK. FULL MORTISE, BALL BEARING HINGES; SCHLAGE ALX SERIES (FUNCTION 70 CLASSROOM LOCK); KICK DOWN DOOR STOP (HA SHI OR APPROVED EQUAL); 36" HT. STAIN. STL. PUSH PLATE ON PUSH SIDE OF DOOR.
 - DOOR HARDWARE: (3) 4¹/₂" HT. x 0.134" THK. FULL MORTISE PLAIN HINGES; SCHLAGE ALX SERIES (FUNCTION 70 CLASSROOM LOCK).
 - REPLACE CONCRETE WALK AS REQUIRED; SEE 1/A3



1 CONCRETE WALK SECTION
1/2" = 1'-0"



NEW FLOOR / EQUIPMENT PLAN
(PROJECT AREA) 1/4" = 1'-0"

REVISIONS	BY
29 MAR. 2024	
10 JUN. 2024	

DAVCO ASSOCIATES (408) 778-2525
 architecture
 planning
 consultation
 fax (408) 683-4244
 P.O. Box 1621
 Morgan Hill, CA 95038

KITCHEN REMODEL
 VETERAN'S HALL
 SOUTH SANTA CLARA VALLEY MEM. DIST.
 74 WEST SIXTH ST.
 GILROY, CA

DRAWN	
CHECKED	
DATE	10 FEB. 2024
SCALE	AS NOTED
JOB NO.	2208
SHEET	A3

REVISIONS	BY
29 MAR. 2024	
10 JUN. 2024	

DAVCO ASSOCIATES (408) 778-2525
 architecture
 planning
 consultation
 fax (408) 683-4244
 P.O. Box 1621
 Morgan Hill, CA 95038



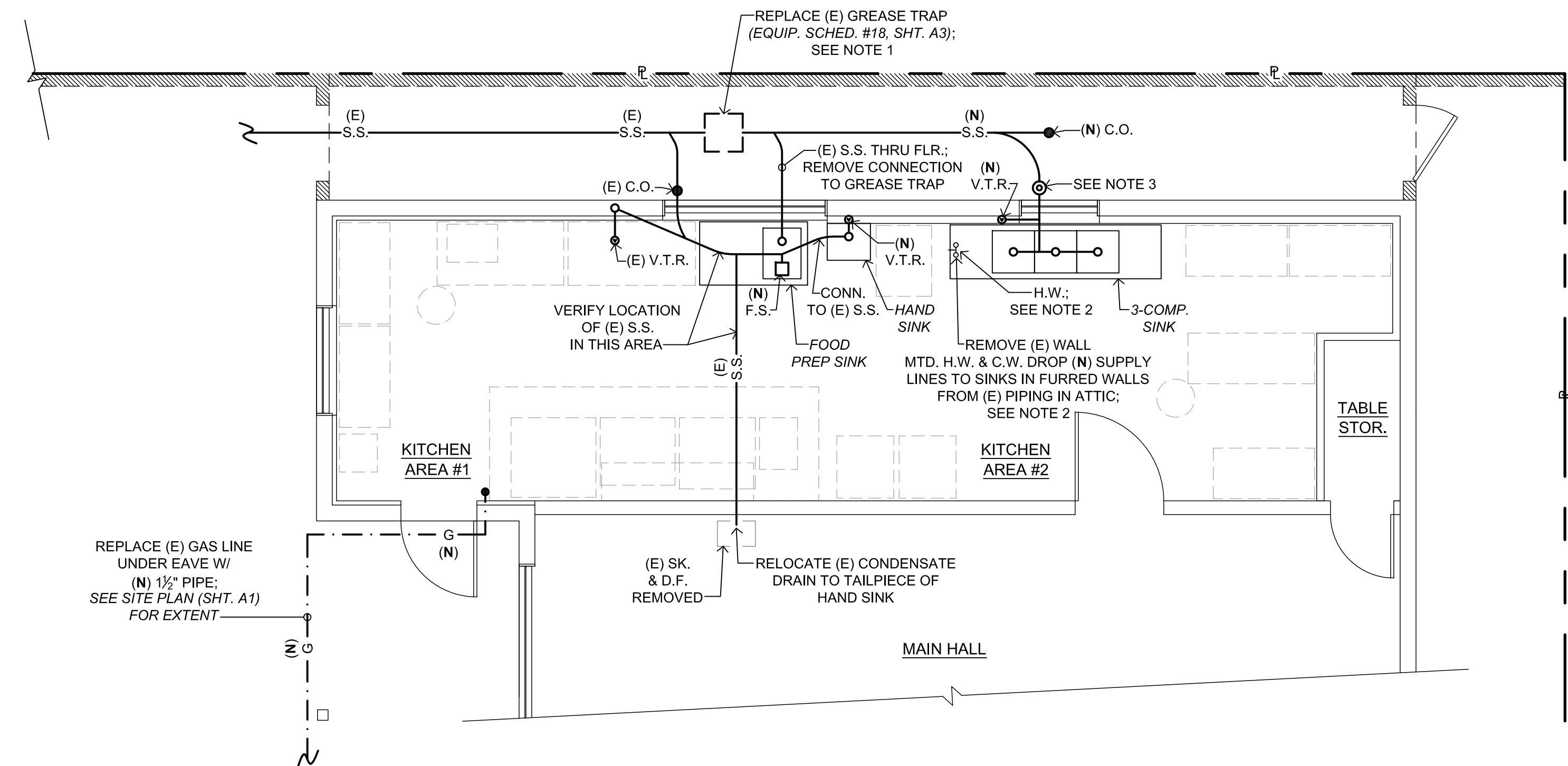
KITCHEN REMODEL
 VETERAN'S HALL
 SOUTH SANTA CLARA VALLEY MEM. DIST.
 74 WEST SIXTH ST.
 GILROY, CA

DRAWN
CHECKED
DATE 10 FEB. 2024
SCALE AS NOTED
JOB NO. 2208
SHEET

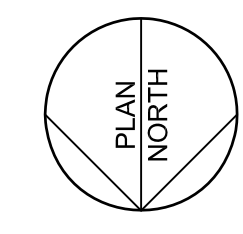
A4
 OF SHEETS

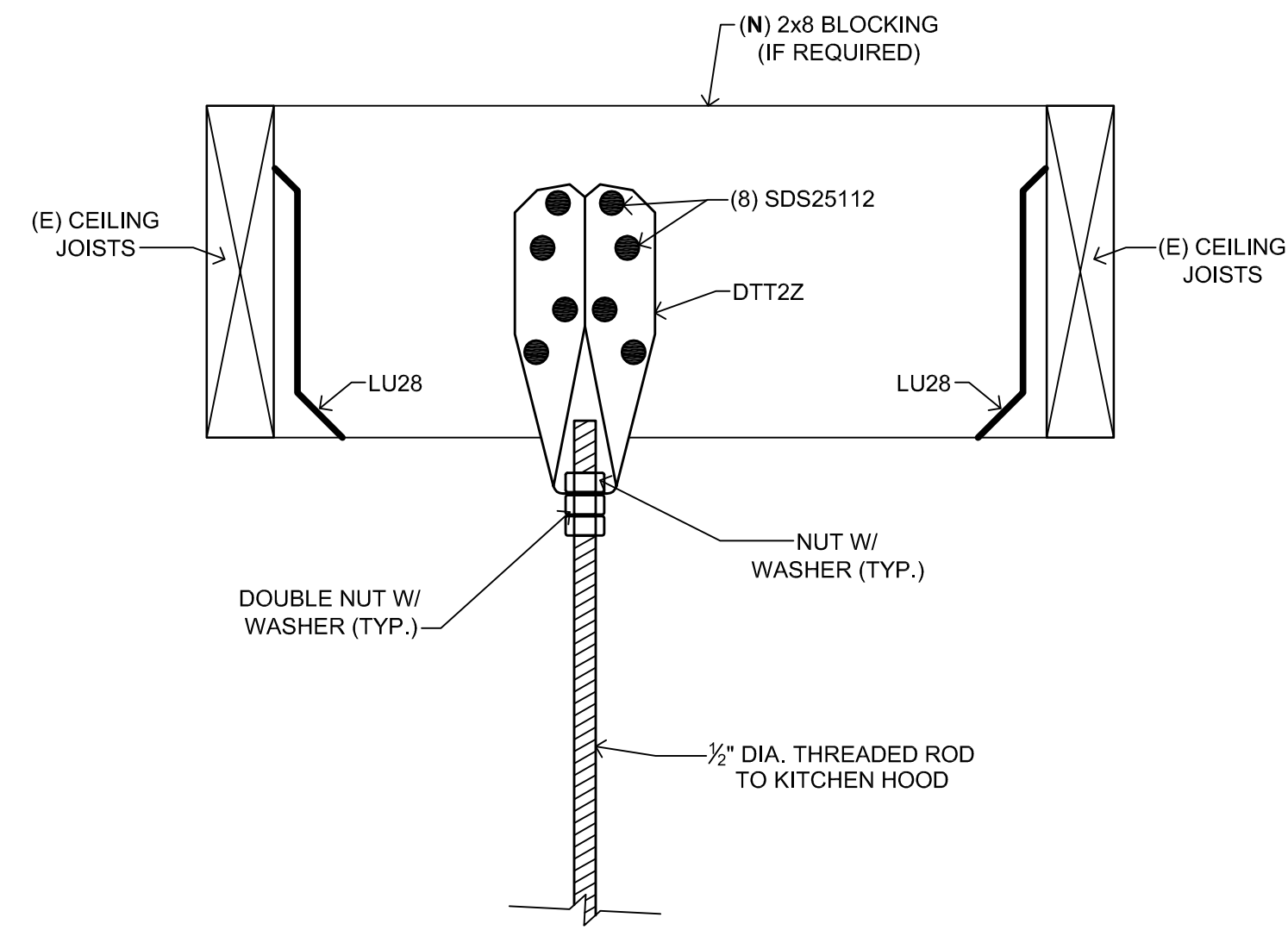
NOTES:

1. (N) GREASE TRAP TO BE 'ASHLAND' POLY-TRAP MDL.#4820 (40# GREASE CAPACITY) W/ HD DIAMOND PLATE COVER.
2. ON (E) HOT WATER SUPPLY PROVIDE REQ. PIPING & RECIRCULATION PUMP IN ATTIC FROM (E) WATER HEATER. PROVIDE SWITCH FOR PUMP IN KITCHEN W/ INDICATOR LIGHT WHEN ON (SEE ELECT.). SEE SHEET A-1 FOR (E) WATER HEATER LOCATION.
3. DRAIN FROM SINK THRU (E) DOOR OPENING AND DROP BELOW GRADE OUTSIDE WALL.
4. CONNECT (E) WATER LINE IN ATTIC TO (N) M.U.A. UNIT SHOWN ON SHEET A5.
5. CONNECT CONDENSATE DRAIN FROM (N) M.U.A. UNIT IN ATTIC TO (E) CONDENSATE DRAIN FROM (E) HVAC UNIT.
6. VERIFY REQ. FOR (N) M.U.A. UNIT IN ATTIC (SEE A5) AND PROVIDE WATER LINE AS REQUIRED.

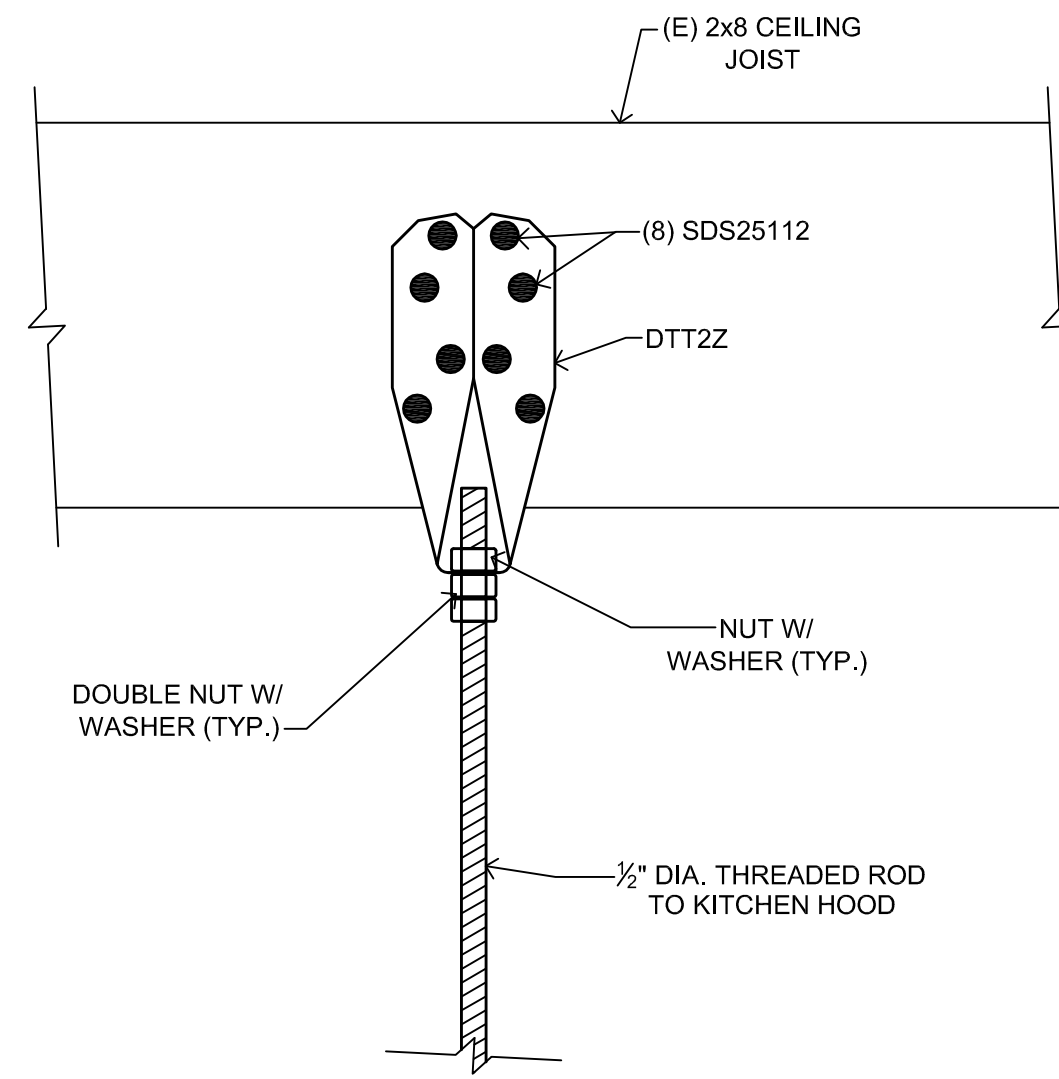


NEW PLUMBING PLAN
 (PROJ. AREA) 1/4" = 1'-0"

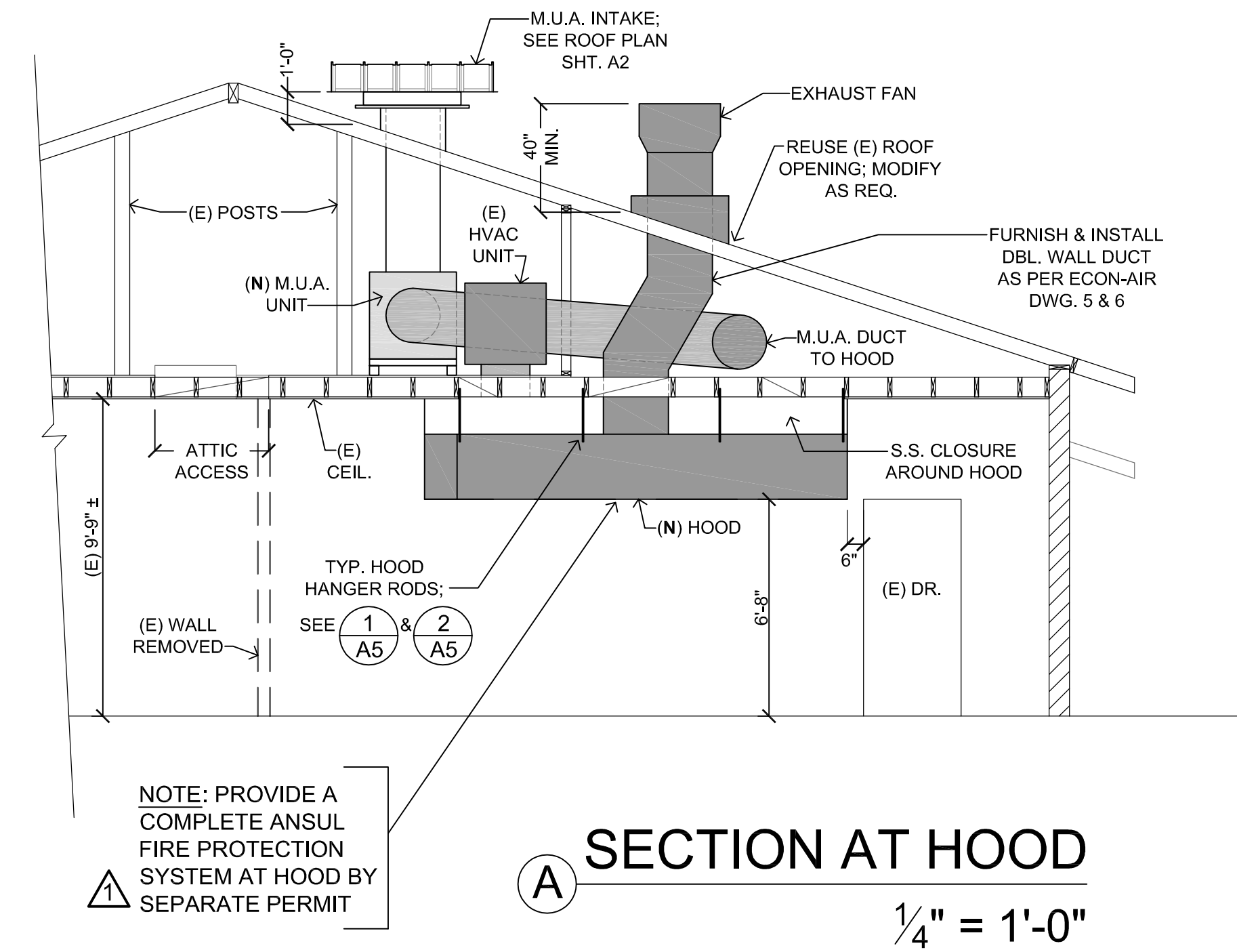




1 HANGER ROD: IF BLOCKING IS REQUIRED
N.T.S.

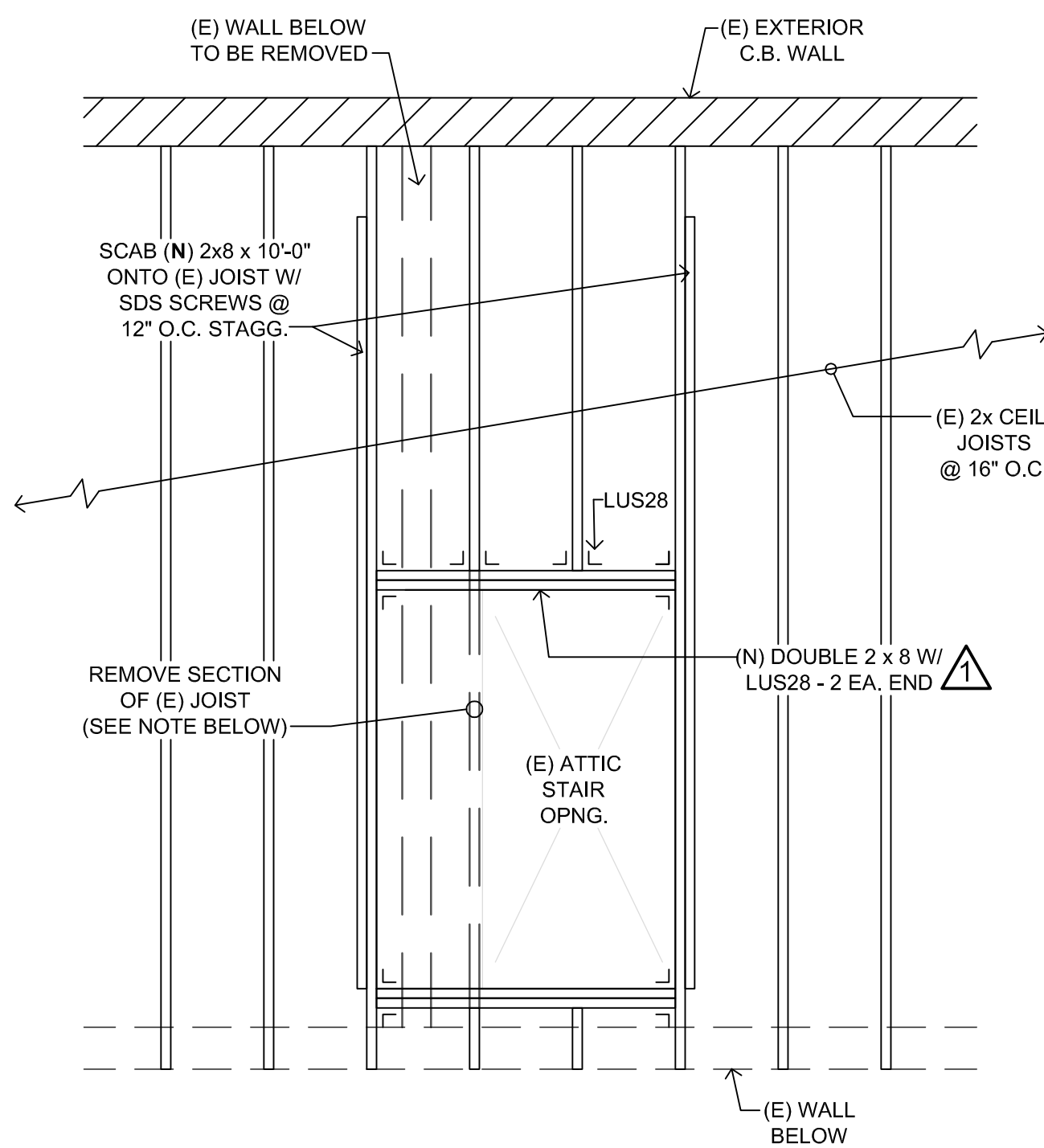


2 HANGER ROD: DIRECT TO JOIST
N.T.S.



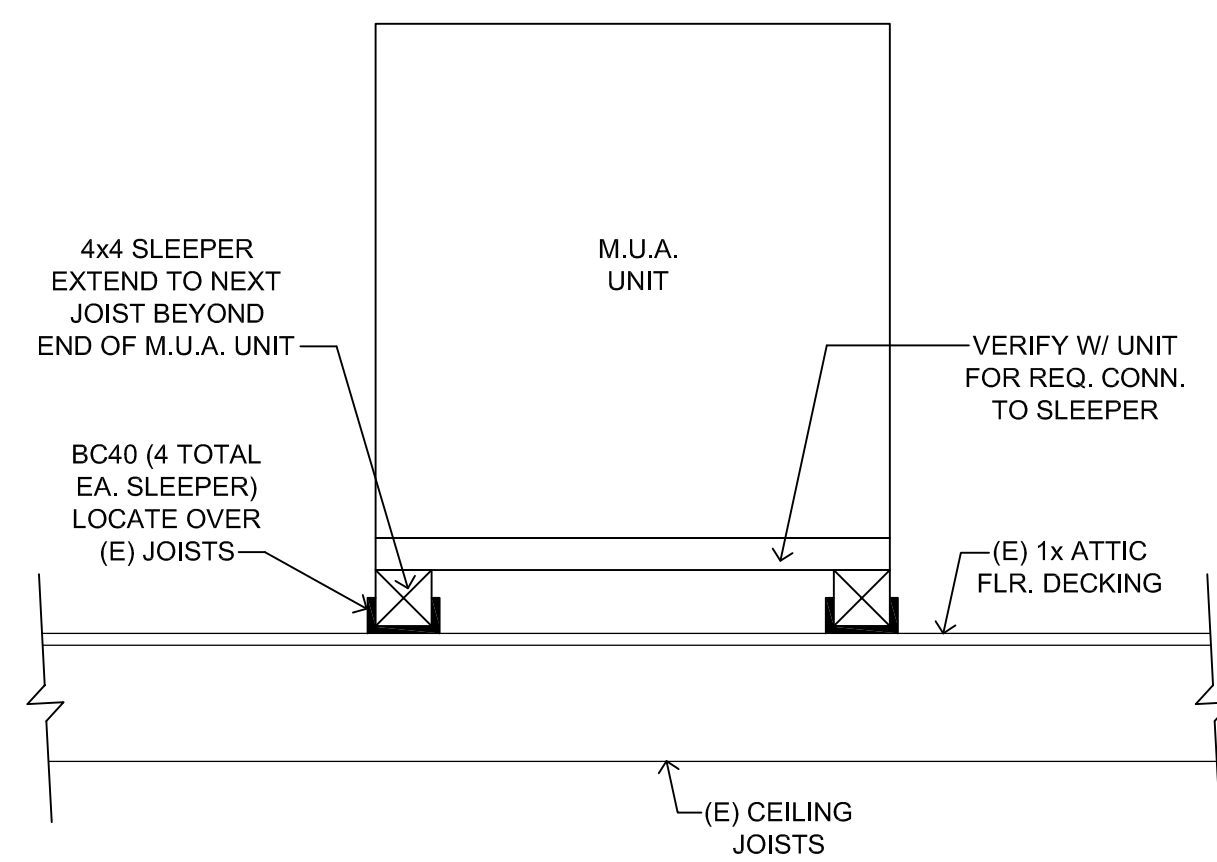
A SECTION AT HOOD
1/4" = 1'-0"

NOTE: PROVIDE A COMPLETE ANSUL FIRE PROTECTION SYSTEM AT HOOD BY SEPARATE PERMIT

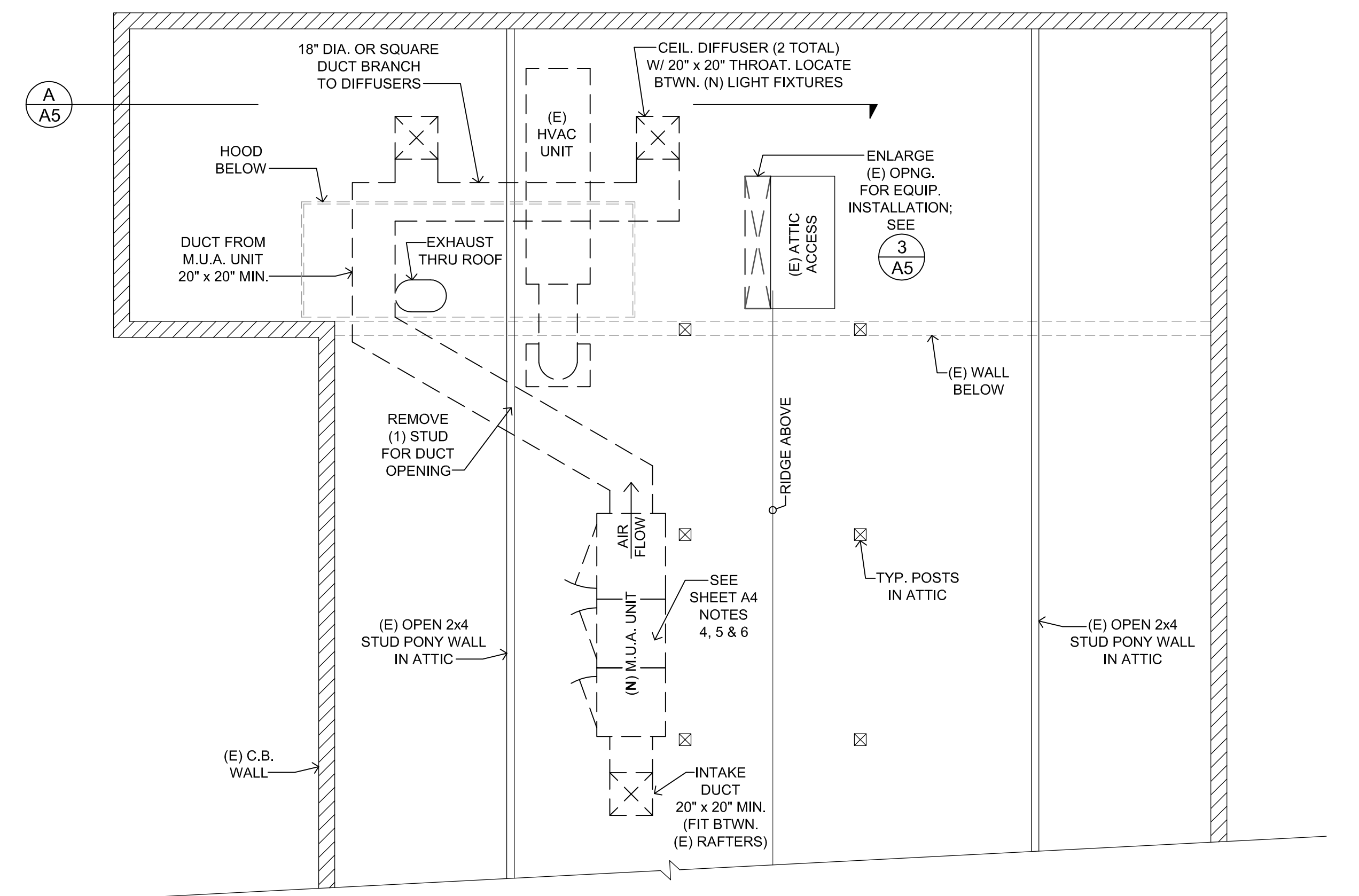


3 TEMPORARY ENLARGEMENT OF ATTIC ACCESS OPENING
1/2" = 1'-0"

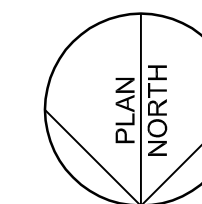
NOTE: AFTER M.U.A. UNIT INSTALLATION, REFRAME OPENING AS REQUIRED FOR (N) ATTIC STAIR.



4 M.U.A. UNIT SLEEPER
1" = 1'-0"



NEW PARTIAL ATTIC PLAN
1/4" = 1'-0"



REVISIONS	BY
29 MAR. 2024	
10 JUN. 2024	
5 AUG. 2024	

DAVCO ASSOCIATES (408) 778-2525
architecture
planning
consultation
fax (408) 683-4244
P.O. Box 1621
Morgan Hill, CA 95038



KITCHEN REMODEL
VETERAN'S HALL
SOUTH SANTA CLARA VALLEY MEM. DIST.
74 WEST SIXTH ST.
GILROY, CA

DRAWN
CHECKED
DATE 10 FEB. 2024
SCALE AS NOTED
JOB NO. 2208
SHEET

A5

OF SHEETS



2022 CALIFORNIA GREEN BUILDING STANDARDS CODE
NONRESIDENTIAL MANDATORY MEASURES, SHEET 1 (July 2024 Supplement)

Y N/A RESPON. PARTY
= YES
= NOT APPLICABLE
RESPONSIBLE PARTY (i.e. ARCHITECT, ENGINEER, OWNER, CONTRACTOR, INSPECTOR ETC.)

CHAPTER 3 GREEN BUILDING
SECTION 301 GENERAL
301.1 SCOPE. Buildings shall be designed to include the green building measures specified as mandatory in the application checklists contained in this code.
301.2 NONRESIDENTIAL ADDITIONS AND ALTERATIONS. [BSC-CG] The provisions of individual sections of Chapter 3 apply to newly constructed buildings, building additions of 1,000 square feet or greater, and/or building alterations with a permit valuation of \$200,000 or above...

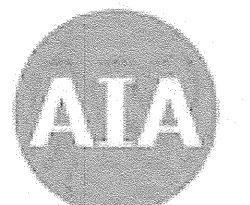
SECTION 5.106 SITE DEVELOPMENT
5.106.1 STORMWATER POLLUTION PREVENTION FOR PROJECTS THAT DISTURB LESS THAN ONE ACRE OF LAND. Newly constructed projects and additions which disturb less than one acre of land, and are not part of a larger common plan of development or sale, shall prevent the pollution of storm water runoff from the construction activities through one or more of the following measures:
5.106.1.1 Local ordinance. Comply with a lawfully enacted storm water management and/or erosion control ordinance.
5.106.1.2 Best Management Practices (BMPs). Prevent the loss of soil through wind or water erosion by implementing an effective combination of erosion and sediment control and good housekeeping BMPs.

TABLE 5.106.5.3.1
TOTAL NUMBER OF ACTUAL PARKING SPACES | NUMBER OF REQUIRED EV CAPABLE SPACES | NUMBER OF EVCS (EV CAPABLE SPACES PROVIDED WITH EVSE)²
0-9 | 0 | 0
10-25 | 2 | 0
26-50 | 8 | 2
51-75 | 13 | 3
76-100 | 17 | 4
101-150 | 25 | 6
151-200 | 35 | 9
201 AND OVER | 20 percent of actual parking spaces¹ | 25 percent of EV capable spaces¹

5.106.5.5 Electric vehicle (EV) charging: medium-duty and heavy-duty. [N] [BSG-CG] Construction shall comply with Section 5.106.5.5.1 to facilitate future installation of electric vehicle supply equipment (EVSE). Construction for warehouses, grocery stores and retail stores, office buildings, and manufacturing facilities with planned off-street loading spaces shall also comply with Section 5.106.5.5.1 for future installation of medium- and heavy-duty EVSE.
5.106.5.4 Electric vehicle charging readiness requirements for warehouses, grocery stores, office buildings, and manufacturing facilities with planned off-street loading spaces. [N]
5.106.5.1 RACEWAY CONDUIT AND PANEL POWER REQUIREMENTS FOR MEDIUM- AND HEAVY-DUTY EVSE [N]

KITCHEN REMODEL
VETERAN'S HALL
SOUTH SANTA CLARA VALLEY MEM. DIST.
74 WEST SIXTH ST.
GILROY, CA





2022 CALIFORNIA GREEN BUILDING STANDARDS CODE

NONRESIDENTIAL MANDATORY MEASURES, SHEET 2 (July 2024 Supplement)

Y = YES
N/A = NOT APPLICABLE
RESP. PARTY = RESPONSIBLE PARTY (i.e. ARCHITECT, ENGINEER, OWNER, CONTRACTOR, INSPECTOR ETC.)

Y	N/A	RESP. PARTY

5.106.5.6.2.1 Reduced number of EV capable spaces. The installation of each DCFC EVSE shall be permitted to reduce the minimum number of required EV capable spaces indicated in Table 5.106.5.6.1 by five and reduce proportionally the required electrical load capacity to the service panel or subpanel.

5.106.5.6.2.2 Multiple connectors. EVSE with multiple vehicle connectors capable of charging multiple EVs simultaneously shall be permitted if the electrical load capacity required by Section 5.106.5.6.1 for each EV capable space is cumulatively supplied to the EVSE.

5.106.5.6.2.3 Use of automatic load management systems (ALMS). ALMS shall be permitted for EVCS installed in accordance with Section 5.106.5.6.2. When ALMS is installed, the required electrical load capacity specified in Section 5.106.5.6.1 for each EVCS may be reduced when serviced by an EVSE controlled by an ALMS. Each EVSE controlled by an ALMS shall deliver a minimum 30 amperes to an EV when charging one vehicle and shall deliver a minimum 3.3 kW while simultaneously charging multiple EVs.

5.106.5.6.3 EVCS alternative compliance. In lieu of compliance with Section 5.106.5.6.2, EVCS shall be provided with Level 2, or Level 2, or any combination of Level 1, low power Level 2 or Level 2 EVSE such that the total power supplied by the combination of EVSE meets the minimum power indicated in Table 5.106.5.6.3, based on the total number of actual parking spaces in each parking facility.

NUMBER OF PARKING SPACES IN A PARKING FACILITY	MINIMUM TOTAL POWER (KVA) REQUIRED FOR EVCS
0-9	0
10-25	7
26-50	14
51-75	20
76-100	27
101-150	40
151-200	60
201 AND OVER	Total required KVA = P × .05 × 6.6 Where P = Parking spaces in facility

5.106.5.6.4 EVCS for alterations of or additions to parking facilities. Alterations of or additions to parking facilities shall provide EVCS in compliance with Section 5.106.5.6.4. The installation of infrastructure for EV capable spaces required to be provided without EVSE shall not be required.

5.106.5.6.4.1 Alterations of and additions to parking facilities. EVCS shall be provided in accordance with the number indicated in Table 5.106.5.6.1 or minimum power indicated in Table 5.106.5.6.3 when the scope of work includes an increase in power supply to an electric panel serving light fixtures illuminating the parking area or when area containing parking spaces is added to a parking facility. The number of required EVCS shall be based on the total number of existing and new parking spaces in the parking facility.

5.106.5.6.4.2 Alterations consisting of the installation of photovoltaic systems. EVCS shall be provided in accordance with the number indicated in Table 5.106.5.6.1 or maximum power indicated in Table 5.106.5.6.3 when a new photovoltaic system is installed in an existing parking facility.

5.106.5.6.5 Requirement to install EVSE. Level 2 EVSE shall be provided in all existing EV capable spaces to create EVCS when a project is required by California Administrative Code Section 4-309 to be submitted for plan approval to the Division of the State Architect. When EVSE is installed in existing EV capable spaces, accessible EVCS shall be provided in accordance with California Building Code Chapter 11B.

Exception: Projects in which improvements in parking areas consist only of accessibility improvements are not required to comply with Section 5.106.5.6.5.

5.106.8 LIGHT POLLUTION REDUCTION. [N]. Outdoor lighting systems shall be designed and installed to comply with the following:

- The minimum requirements in the California Energy Code for Lighting Zones 0-4 as defined in Chapter 10, Section 10-114 of the California Administrative Code; and
- Backlight (B) ratings as defined in IES TM-15-11 (shown in Table A-1 in Chapter 8)
- Uplight and Glare ratings as defined in California Energy Code (shown in Tables 130.2-A and 130.2-B in Chapter 8) and
- Allowable BUG ratings not exceeding those shown in Table 5.106.8, [N] or Comply with a local ordinance lawfully enacted pursuant to Section 101.7, whichever is more stringent.

Exceptions: [N]

- Luminaires that qualify as exceptions in Sections 130.2 (b) and 140.7 of the California Energy Code.
- Emergency lighting
- Building facade meeting the requirements in Table 140.7-B of the California Energy Code, Part 6.
- Custom lighting features as allowed by the local enforcing agency, as permitted by Section 101.8 Alternate materials, designs and methods of construction.
- Luminaires with less than 6,200 initial luminaire lumens.

ALLOWABLE RATING	LIGHTING ZONE LZ0	LIGHTING ZONE LZ1	LIGHTING ZONE LZ2	LIGHTING ZONE LZ3	LIGHTING ZONE LZ4
MAXIMUM ALLOWABLE BACKLIGHT RATING²					
Luminaire greater than 2 mounting heights (MH) from property line	N/A	No Limit	No Limit	No Limit	No Limit
Luminaire back hemisphere is 1-2 MH from property line	N/A	B2	B3	B4	B4
Luminaire back hemisphere is 0.5-1 MH from property line	N/A	B1	B2	B3	B3
Luminaire back hemisphere is less than 0.5 MH from property line	N/A	B0	B0	B1	B2
MAXIMUM ALLOWABLE UPLIGHT RATING (U)					
For area lighting ³	N/A	U0	U0	U0	U0
For all other outdoor lighting, including decorative luminaires	N/A	U1	U2	U3	UR
MAXIMUM ALLOWABLE GLARE RATING³ (G)					
MAXIMUM ALLOWABLE GLARE RATING ³ (G)	N/A	G1	G2	G3	G4
MAXIMUM ALLOWABLE GLARE RATING ³ (G)	N/A	G0	G1	G1	G2
MAXIMUM ALLOWABLE GLARE RATING ³ (G)	N/A	G0	G0	G1	G1
MAXIMUM ALLOWABLE GLARE RATING ³ (G)	N/A	G0	G0	G0	G1

1. IESNA Lighting Zones 0 and 5 are not applicable; refer to Lighting Zones as defined in the California Energy Code and Chapter 10 of the California Administrative Code.

2. For property lines that abut public walkways, bikeways, plazas and parking lots, the property line may be considered to be 5 feet beyond the actual property line for purpose of determining compliance with this section. For property lines that abut public roadways and public transit corridors, the property line may be considered to be the centerline of the public roadway or public transit corridor for the purpose of determining compliance with this section.

3. General lighting luminaires in areas such as outdoor parking, sales or storage lots shall meet these reduced ratings. Decorative luminaires located in these areas shall meet U-value limits for "all other outdoor lighting"

Y	N/A	RESP. PARTY

5.106.8.1 Facing-Backlight Luminaires within 2MH of a property line shall be oriented so that the nearest property line is behind the fixture, and shall comply with the backlight rating specified in Table 5.106.8 based on the lighting zone and distance to the nearest point of that property line.

Exception: Corners. If two property lines (or two segments of the same property line) have equidistant point to the luminaire, then the luminaire may be oriented so that the intersection of the two lines (the corner) is directly behind the luminaire. The luminaire shall still use the distance to the nearest point(s) on the property lines to determine the required backlight rating.

5.106.8.2 Facing-Glare. For luminaires covered by 5.106.8.1, if a property line also exists within or extends into the front hemisphere within 2MH of the luminaire then the luminaire shall comply with the more stringent glare rating specified in Table 5.106.8 based on the lighting zone and distance to the nearest point on the nearest property line within the front hemisphere.

Note: [N]
1. See also California Building Code, Chapter 12, Section 1205.6 for college campus lighting requirements for parking facilities and walkways.
2. Refer to Chapter 8 (Compliance Forms, Worksheets and Reference Material) for IES TM-15-11 Table A-1, California Energy Code Tables 130.2-A and 130.2-B.
3. Refer to the California Building Code for requirements for additions and alterations.

5.106.10 GRADING AND PAVING. Construction plans shall indicate how site grading or a drainage system will manage all surface water flows to keep water from entering buildings. Examples of methods to manage surface water include, but are not limited to, the following:

- Swales.
 - Water collection and disposal systems.
 - French drains.
 - Water retention gardens.
 - Other water measures which keep surface water away from buildings and aid in groundwater recharge.
- Exception:** Additions and alterations not altering the drainage path.

5.106.12 SHADE TREES [DSA-SS]. Shade Trees shall be planted to comply with Sections 5.06.12.1, 5.106.12.2, and 5.106.12.3. Percentages shown shall be measured at noon on the summer solstice. Landscape irrigation necessary to establish and maintain tree health shall comply with Section 5.304.6.

5.106.12.1 Surface parking areas. Shade tree plantings, minimum #10 container size or equal, shall be installed to provide shade over 50 percent of the parking area within 15 years.

Exceptions: Surface parking area covered by solar photovoltaic shade structures with roofing materials that comply with Table A5.106.11.2.2 in Appendix A5 shall be permitted in whole or in part in lieu of shade tree planting.

5.106.12.2 Landscape areas. Shade tree plantings, minimum #10 container size or equal shall be installed to provide shade of 20% of the landscape area within 15 years.

Exceptions: Playfields for organized sport activity are not included in the total area calculation.

5.106.12.3. Hardscape areas. Shade tree plantings, minimum #10 container size or equal shall be installed to provide shade over 20 percent of the hardscape area within 15 years.

Exceptions:
1. Walks, hardscape areas covered by solar photovoltaic shade structures or shade structures with roofing materials that comply with Table A5.106.11.2.2 in Appendix A5 shall be permitted in whole or in part in lieu of shade tree planting.
2. Designated and marked play areas of organized sport activity are not included in the total area calculation.

DIVISION 5.2 ENERGY EFFICIENCY

SECTION 5.201 GENERAL
5.201.1 Scope [BSC-CG]. California Energy Code [DSA-SS]. For the purposes of mandatory energy efficiency standards in this code, the California Energy Commission will continue to adopt mandatory building standards.

DIVISION 5.3 WATER EFFICIENCY AND CONSERVATION

SECTION 5.301 GENERAL
5.301.1 Scope. The provisions of this chapter shall establish the means of conserving water use indoors, outdoors and in wastewater conveyance.

SECTION 5.302 DEFINITIONS
5.302.1 Definitions. The following terms are defined in Chapter 2 (and are included here for reference)

EVAPOTRANSPIRATION ADJUSTMENT FACTOR (ETAF) [DSA-SS]. An adjustment factor when applied to reference evapotranspiration that adjusts for plant factors and irrigation efficiency, which are two major influences on the amount of water that needs to be applied to the landscape.

FOOTPRINT AREA [DSA-SS]. The total area of the furthest exterior wall of the structure projected to natural grade, not including exterior areas such as stairs, covered walkways, patios and decks.

METERING FAUCET. A self-closing faucet that dispenses a specific volume of water for each actuation cycle. The volume or cycle duration can be fixed or adjustable.

GRAYWATER. Pursuant to Health and Safety Code Section 17922.12, "graywater" means untreated wastewater that has not been contaminated by any toilet discharge, has not been affected by infectious, contaminated, or unhealthy bodily wastes, and does not present a threat from contamination by unhealthful processing, manufacturing, or operating wastes. "Graywater" includes, but is not limited to wastewater from bathtubs, showers, bathroom washbasins, clothes washing machines and laundry tubs, but does not include waste water from kitchen sinks or dishwashers.

MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MWEL0). The California ordinance regulating landscape design, installation and maintenance practices that will ensure commercial, multifamily and other developer installed landscapes greater than 2500 square feet meet an irrigation water budget developed based on landscaped area and climatological parameters.

MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MWEL0) [HCD]. The California model ordinance (California Code of Regulations, Title 23, Division 2, Chapter 2.7), regulating landscape design, installation and maintenance practices. Local agencies are required to adopt the updated MWEL0, or adopt a local ordinance at least as effective as the MWEL0.

POTABLE WATER. Water that is drinkable and meets the U.S. Environmental Protection Agency (EPA) Drinking Water Standards. See definition in the California Plumbing Code, Part 5.

POTABLE WATER [HCD]. Water that is satisfactory for drinking, culinary, and domestic purposes, and meets the U.S. Environmental Protection Agency (EPA) Drinking Water Standards and the requirements of the Health Authority Having Jurisdiction.

RECYCLED WATER. Water, which, as a result of treatment of waste, is suitable for a direct beneficial use or a controlled use that would otherwise occur [Water Code Section 13300 (n)]. Simply put, recycled water is water treated to remove waste matter attaining a quality that is suitable to use the water again.

SUBMETER. [HCD 1] A secondary device beyond a meter that measures water consumption of an individual rental unit within a multiunit residential structure or mixed-use residential and commercial structure. (See Civic Code Section 1954.202 (g) and Water code Section 517 for additional details.)

WATER BUDGET. Is the estimated total landscape irrigation water use which shall not exceed the maximum applied water allowance calculated in accordance with the Department of Water Resources Model Efficient Landscape Ordinance (MWEL0).

SECTION 5.303 INDOOR WATER USE
5.303.1 METERS. Separate submeters or metering devices shall be installed for the uses described in Sections 503.1.1 and 503.1.2.

- 5.303.1.1 Buildings in excess of 50,000 square feet.** Separate submeters shall be installed as follows:
- For each individual leased, rented or other tenant space within the building projected to consume more than 100 gal/day (380 L/day), including, but not limited to, spaces used for laundry or cleaners, restaurant or food service, medical or dental office, laboratory, or beauty salon or barber shop.
 - Where separate submeters for individual building tenants are unfeasible, for water supplied to the following subsystems:
 - Makeup water for cooling towers where flow through is greater than 500 gpm (30 L/s).
 - Makeup water for evaporative coolers greater than 6 gpm (0.04 L/s).
 - Steam and hot water boilers with energy input more than 500,000 Btu/h (147 kW).

5.303.1.2 Excess consumption. A separate submeter or metering device shall be provided for any tenant within a new building or within an addition that is projected to consume more than 1,000 gal/day.

Y	N/A	RESP. PARTY

5.303.3 WATER CONSERVING PLUMBING FIXTURES AND FITTINGS. Plumbing fixtures (water closets and urinals) and fittings (faucets and showerheads) shall comply with the following:

5.303.3.1 Water Closets. The effective flush volume of all water closets shall not exceed 1.28 gallons per flush. Tank-type water closets shall be certified to the performance criteria of the U.S. EPA WaterSense Specification for Tank-Type Toilets.

Note: The effective flush volume of dual flush toilets is defined as the composite, average flush volume of two reduced flushes and one full flush.

5.303.3.2 Urinals.
5.303.3.2.1 Wall-mounted Urinals. The effective flush volume of wall-mounted urinals shall not exceed 0.125 gallons per flush.

5.303.3.2.2 Floor-mounted Urinals. The effective flush volume of floor-mounted or other urinals shall not exceed 0.5 gallons per flush.

5.303.3.3 Showerheads. [BSC-CG]
5.303.3.3.1 Single showerhead. Showerheads shall have a maximum flow rate of not more than 1.8 gallons per minute at 80 psi. Showerheads shall be certified to the performance criteria of the U.S. EPA WaterSense Specification for Showerheads.

5.303.3.3.2 Multiple showerheads serving one shower. When a shower is served by more than one showerhead, the combined flow rate of all the showerheads and/or other shower outlets controlled by a single valve shall not exceed 1.8 gallons per minute at 80 psi, or the shower shall be designed to allow only one shower outlet to be in operation at a time.
Note: A hand-held shower shall be considered a showerhead.

5.303.3.3 Showerheads. [BSC-CG]
5.303.3.3.1 Single showerhead. Showerheads shall have a maximum flow rate of not more than 1.8 gallons per minute at 80 psi. Showerheads shall be certified to the performance criteria of the U.S. EPA WaterSense Specification for Showerheads.

5.303.3.3.2 Multiple showerheads serving one shower. When a shower is served by more than one showerhead, the combined flow rate of all the showerheads and/or other shower outlets controlled by a single valve shall not exceed 1.8 gallons per minute at 80 psi, or the shower shall be designed to allow only one shower outlet to be in operation at a time.
Note: A hand-held shower shall be considered a showerhead.

5.303.3.4 Faucets and fountains.
5.303.3.4.1 Nonresidential Lavatory faucets. Lavatory faucets shall have a maximum flow rate of not more than 0.5 gallons per minute at 60 psi.

5.303.3.4.2 Kitchen faucets. Kitchen faucets shall have a maximum flow rate of not more than 1.8 gallons per minute at 60 psi. Kitchen faucets may temporarily increase the flow above the maximum rate, but not to exceed 2.2 gallons per minute at 60 psi, and must default to a maximum flow rate of 1.8 gallons per minute at 60 psi.

5.303.3.4.3 Wash fountains. Wash fountains shall have a maximum flow rate of not more than 1.8 gallons per minute/20 [rim space (inches) at 60 psi].

5.303.3.4.4 Metering faucets. Metering faucets shall not deliver more than 0.20 gallons per cycle.

5.303.3.4.5 Metering faucets for wash fountains. Metering faucets for wash fountains shall have a maximum flow rate of not more than 0.20 gallons per minute/20 [rim space (inches) at 60 psi].

Note: Where complying faucets are unavailable, aerators or other means may be used to achieve reduction.

5.303.3.4.6 Pre-rinse spray valve
When installed, shall meet the requirements in the California Code of Regulations, Title 20 (Appliance Efficiency Regulations), Section 1605.1 (h)(4) Table H-2, Section 1605.3 (h)(4)(A), and Section 1607 (d)(7), and shall be equipped with an integral automatic shutoff.

FOR REFERENCE ONLY:The following table and code section have been reprinted from the California Code of Regulations, Title 20 (Appliance Efficiency Regulations), Section 1605.1 (h)(4) and Section 1605.3 (h)(4)(A).

PRODUCT CLASS [spray force in ounce force (ozf)]	MAXIMUM FLOW RATE (gpm)
Product Class 1 (≤ 5.0 ozf)	1.00
Product Class 2 (> 5.0 ozf and ≤ 8.0 ozf)	1.20
Product Class 3 (> 8.0 ozf)	1.28

5.303.4 COMMERCIAL KITCHEN EQUIPMENT.

5.303.4.1 Food Waste Disposers. Disposers shall either modulate the use of water to no more than 1 gpm when the disposer is not in use (not actively grinding food waste/no-load) or shall automatically shut off after no more than 10 minutes of inactivity. Disposers shall use no more than 8 gpm of water.
Note: This code section does not affect local jurisdiction authority to prohibit or require disposer installation.

5.303.5 AREAS OF ADDITION OR ALTERATION. For those occupancies within the authority of the California Building Standards Commission as specified in Section 103, the provisions of Section 5.303.3 and 5.303.4 shall apply to new fixtures in additions or areas of alteration to the building.

5.303.6 STANDARDS FOR PLUMBING FIXTURES AND FITTINGS. Plumbing fixtures and fittings shall be installed in accordance with the California Plumbing Code, and shall meet the applicable standards referenced in Table 1701.1 of the California Plumbing Code and in Chapter 6 of this code.

SECTION 5.304 OUTDOOR WATER USE
5.304.1 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS. Nonresidential developments shall comply with a local water efficient landscape ordinance or the current California Department of Water Resources' Model Water Efficient Landscape Ordinance (MWEL0), whichever is more stringent.

Notes:
1. The Model Water Efficient Landscape Ordinance (MWEL0) is located in the California Code of Regulations, Title 23, Chapter 2.7, Division 2.
2. MWEL0 and supporting documents, including a water budget calculator, are available at: <https://www.water.ca.gov/>.

5.304.6 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS. For public schools and community colleges, landscape projects as described in Sections 5.304.6.1 and 5.304.6.2 shall comply with the California Department of Water Resources' Model Water Efficient Landscape Ordinance (MWEL0) commencing with Section 490 of Chapter 2.7, Division 2, Title 23, California Code of Regulations, except that the evapotranspiration adjustment factor (ETAF) shall be 0.65 with an additional water allowance for special landscape areas (SLA) of 0.35.

Exception: Any project with an aggregate landscape area of 2,500 square feet or less may comply with the prescriptive measures contained in Appendix D of the MWEL0.

5.304.6.1 Newly constructed landscapes. New construction projects with an aggregate landscape area equal to or greater than 500 square feet.

5.304.6.2 Rehabilitated landscapes. Rehabilitated landscape projects with an aggregate landscape area equal to or greater than 1,200 square feet.

DIVISION 5.4 MATERIAL CONSERVATION AND RESOURCE EFFICIENCY

SECTION 5.401 GENERAL
5.401.1 SCOPE. The provisions of this chapter specify the requirements of achieving material conservation, resource efficiency, and greenhouse gas (GHG) emission reduction through protection of buildings from exterior moisture, construction waste diversion, employment of techniques to reduce pollution through recycling of materials, the installation of products with lower GHG emissions and building commissioning or testing and adjusting.

SECTION 5.402 DEFINITIONS
5.402.1 DEFINITIONS. The following terms are defined in Chapter 2 (and are included here for reference)

ADJUST. To regulate fluid flow rate and air patterns at the terminal equipment, such as to reduce fan speed or adjust a damper.

BALANCE. To proportion flows within the distribution system, including sub-mains, branches and terminals, according to design quantities.

BUILDING COMMISSIONING. A systematic quality assurance process that spans the entire design and construction process, including verifying and documenting that building systems and components are planned, designed, installed, tested, operated and maintained to meet the owner's project requirements.

BUY CLEAN CALIFORNIA ACT (BCCA). The Buy Clean California Act (BCCA) (Public Contract Code Sections 3500-3505) targets carbon emissions associated with the production of structural steel (hot-rolled sections, hollow structural sections, and plate), concrete reinforcing steel, flat glass, and mineral wool board insulation. The maximum acceptable global warming potential (GWP) limits are established by the Department of General Services (DGS), in consultation with the California Air Resources Board (CARB).

CRADLE-TO-GRAVE. Activities associated with a product or building's life cycle from the extraction stage through disposal stage, and covering modules A1 through C4 in accordance with ISO Standards 14025 and 21930.

ORGANIC WASTE. Food waste, green waste, landscape and pruning waste, nonhazardous wood waste, and food soiled paper waste that is mixed in with food waste.

REFERENCE STUDY PERIOD. The period of use for the building, in years, that will be assumed for life cycle assessment.

TEST. A procedure to determine quantitative performance of a system or equipment

TYPE III ENVIRONMENTAL PRODUCT DECLARATION (EPD). A third-party verified report that summarizes how a product impacts the environment. Type III EPDs can be either product-specific, factory-specific, or industry-wide EPDs. See "Cradle-to-Gate."

FACTORY-SPECIFIC EPD. A product-specific Type III EPD in which the environmental impacts can be attributed to a single manufacturer and manufacturing facility.

INDUSTRY-WIDE EPD (IW-EPD). A Type III EPD in which the environmental impacts are an average of the typical manufacturing impacts for a range of products within the same product category for a group of manufacturers.

PRODUCT-SPECIFIC EPD. A Type III EPD in which the environmental impacts can be attributed to a product design and manufacturer across multiple facilities.

SECTION 5.407 WATER RESISTANCE AND MOISTURE MANAGEMENT

5.407.1 WEATHER PROTECTION. Provide a weather-resistant exterior wall and foundation envelope as required by California Building Code Section 1402.2 (Weather Protection), manufacturer's installation instructions or local ordinance, whichever is more stringent.

5.407.2 MOISTURE CONTROL. Employ moisture control measures by the following methods.

5.407.2.1 Sprinklers. Design and maintain landscape irrigation systems to prevent spray on structures.

5.407.2.2 Entries and openings. Design exterior entries and/or openings subject to foot traffic or wind-driven rain to prevent water intrusion into buildings as follows:

- 5.407.2.2.1 Exterior door protection.** Primary exterior entries shall be covered to prevent water intrusion by using nonabsorbent floor and wall finishes within at least 2 feet around and perpendicular to such openings plus at least one of the following:
- An installed awning at least 4 feet in depth.
 - The door is protected by a roof overhang at least 4 feet in depth.
 - The door is recessed at least 4 feet.
 - Other methods which provide equivalent protection.

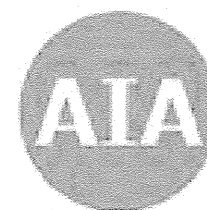
5.407.2.2.2 Flashing. Install flashings integrated with a drainage plane.

SECTION 5.408 CONSTRUCTION WASTE REDUCTION, DISPOSAL AND RECYCLING

5.408.1 CONSTRUCTION WASTE MANAGEMENT. Recycle and/or salvage for reuse a minimum of 65% of the non-hazardous construction and demolition waste in accordance with Section 5.408.1.1, 5.408.1.2 or 5.408.1.3, or meet a local construction and demolition waste management ordinance, whichever is more stringent.

5.408.1.1 Construction waste management plan. Where a local jurisdiction does not have a construction and demolition waste management ordinance, submit a construction waste management plan that:

- Identifies the construction and demolition waste materials to be diverted from disposal by efficient usage, recycling, reuse on the project or salvage for future use or sale.
- Determines if construction and demolition waste materials will be sorted on-site (source-separated) or bulk mixed (single stream).
- Identifies diversion facilities where construction and demolition waste material collected will be taken.
- Specifies that the amount of construction and demolition waste materials diverted shall be calculated by weight



2022 CALIFORNIA GREEN BUILDING STANDARDS CODE
NONRESIDENTIAL MANDATORY MEASURES, SHEET 4 (July 2024 Supplement)

Y = YES APPLICABLE
N/A = NOT APPLICABLE
RESPON. PARTY = RESPONSIBLE PARTY (i.e. ARCHITECT, ENGINEER, OWNER, CONTRACTOR, INSPECTOR ETC.)

Table with 2 columns: COATING CATEGORY and CURRENT VOC LIMIT. Includes sections for VOC content limits, verification, carpet systems, carpet cushion, and carpet adhesive.

Table with 2 columns: PRODUCT and CURRENT LIMIT. Includes sections for composite wood products, formaldehyde limits, resilient flooring systems, thermal insulation, acoustic ceiling and wall panels, indoor moisture control, indoor air quality, carbon dioxide monitoring, and carbon dioxide monitoring in classrooms.

Table with 2 columns: SECTION 5.507 ENVIRONMENTAL COMFORT and SECTION 5.508 OUTDOOR AIR QUALITY. Includes sections for environmental comfort, ozone depletion and greenhouse gas reductions, chlorofluorocarbons, halons, supermarket refrigerant leak reduction, refrigerant piping, threaded pipe, copper pipe, anchorage, flared tubing connections, elbows, valves, pressure relief valves, pressure detection, access valves, valve caps, seal caps, chain tethers, refrigerated service cases, coil coating, refrigerant receivers, pressure testing, minimum pressure, leaks, allowable pressure change.

Table with 2 columns: CHAPTER 7 INSTALLER & SPECIAL INSPECTOR QUALIFICATIONS and 703 VERIFICATIONS. Includes sections for installer and special inspector qualifications, special inspection, and verifications.

KITCHEN REMODEL
VETERAN'S HALL
SOUTH SANTA CLARA VALLEY MEM. DIST.
74 WEST SIXTH ST.
GILROY, CA



GENERAL NOTES:

- THIS PROJECT INVOLVES RENOVATION OF AND/OR INTERFACING WITH EXISTING FACILITIES. ALL REPRESENTATIONS OF EXISTING CONDITIONS ARE BASED ON OWNER-FURNISHED AS-BUILT DRAWINGS AND/OR LIMITED FIELD VERIFICATION. PRIOR TO BEGINNING CONSTRUCTION OR ORDERING EQUIPMENT, CONTRACTOR SHALL VISIT THE SITE AND PERFORM FIELD INVESTIGATIONS TO DETERMINE ACTUAL EXISTING CONDITIONS INCLUDING LOCATIONS OF UTILITIES, EQUIPMENT, AND OBSTRUCTIONS.
- THESE DOCUMENTS MAKE NO REPRESENTATION AS TO THE EXISTENCE OR LOCATION OF EXISTING HAZARDOUS MATERIALS (INCLUDING ASBESTOS CONTAINING MATERIALS) AT THE SITE. REMOVAL OR ABATEMENT OF HAZARDOUS MATERIALS IS NOT INCLUDED IN THE SCOPE OF THIS PROJECT. SHOULD CONTRACTOR DISCOVER SUSPECTED HAZARDOUS MATERIALS AT THE SITE HE SHALL IMMEDIATELY BRING IT TO THE ATTENTION OF THE OWNER AND THE ARCHITECT PRIOR TO STARTING OR CONTINUING WORK INVOLVING THOSE MATERIALS.
- ALL WORK SHOWN IS NEW UNLESS OTHERWISE INDICATED AS EXISTING (E), RELOCATED (RL) OR FUTURE.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES AND STANDARDS INCLUDING BUT NOT LIMITED TO 2022 CALIFORNIA MECHANICAL CODE (CMC), 2022 CALIFORNIA PLUMBING CODE (CPC), 2022 CALIFORNIA BUILDING CODE (CBC), 2022 CALIFORNIA FIRE CODE (FC), 2022 CALIFORNIA ELECTRICAL CODE, 2022 CALIFORNIA ENERGY CODE (CAL. CFR TITLE 24, PART 6), NATIONAL FIRE PROTECTION ASSOCIATION (NFPA).
- SUBMITTALS: REFER TO SPECIFICATIONS FOR SUBMITTAL REQUIREMENTS.
- ALL EQUIPMENT SHALL BE MOUNTED AND ATTACHED TO STRUCTURE SO THAT IT IS RESTRAINED IN THE CASE OF A SEISMIC EVENT IN ACCORDANCE WITH THE REQUIREMENTS OF 2022 CBC.
- RECORD DRAWINGS: CONTRACTOR SHALL KEEP OF AN ACCURATE RECORD DURING CONSTRUCTION OF AS-BUILT CONDITIONS ON A SET OF CONTRACT DRAWINGS. RED LINE RECORD DRAWING MARK-UPS SHALL BE SUBMITTED TO THE OWNER'S REPRESENTATIVE WITHIN 30 DAYS OF COMPLETION OF THE PROJECT.
- OPERATION & MAINTENANCE (O&M) MANUALS: AT COMPLETION OF PROJECT CONTRACTOR SHALL SUBMIT TO THE OWNER 4 COPIES OF O&M MANUALS WHICH SHALL INCLUDE:
 - MFG'S O&M INSTRUCTIONS FOR ALL EQUIPMENT
 - COPIES OF APPROVED SUBMITTAL DATA SHOWING EQUIPMENT SPECIFICATIONS, CAPACITIES, ETC.
 - 11x17 (FOLDED) COPIES OF ALL SHOP DRAWINGS
 - 11x17 (FOLDED) COPIES OF CONTRACT RECORD DRAWINGS
 ALL O&M MANUALS SHALL BE INDEXED & BOUND IN 3 RING BINDERS WITH CLEAR LABELING & TABBED DIVIDERS.

LIGHTING FIXTURE SCHEDULE										
FIX NO.	MANUFACTURER	CATALOG NO.	LAMP TYPE	LUMENS	COLOR TEMP	DM	T24 WATTS	BRANCH CKT DESIGN WATTS	MOUNTING/ HEIGHT	REMARKS/ACCESSORIES
A1	METALUX	22CGTX 45HE L830	LED	4413	3000K	0-10V	40	50	SURFACE CEILING	
A1-EM	METALUX	22CGTX 45HE EL14W L830	LED	4413	3000K	0-10V	40	50	SURFACE CEILING	14W EMERG BATTERY; EM LLF = 0.38; 1676LU
B1	LITHONIA	STL2 20L EZ1 LP830	LED	1960	3000K	N/A	20	25	SURFACE CEILING	

AFG - ABOVE FINISH GRADE/AFS - ABOVE FINISH SLAB/ASC - ABOVE SUSPENDED CEILING/AFV - ABOVE FINISH FLOOR/ARF - ABOVE RAISED FLOOR

MECHANICAL EQUIPMENT										
EQ	VOLT	PHASE	HP	FLA	VA	EQUIP. FDR C.B.	EQUIP. DISC. SIZE	EQUIP. DISC. FUSE SIZE	REMARKS	
EQ-4A	115	1	-	2.2	253	20A-1P	NEMA 5-15	N/A	TRUE REACH IN REFER T-23-HC	
EQ-4B	115	1	-	2.2	253	20A-1P	NEMA 5-15	N/A	TRUE REACH IN REFER T-23-HC	
EQ-5	115	1	-	4.7	544	20A-1P	NEMA 5-15	N/A	BEVERAGE-AIR TMF IHC FREEZER	
EQ-9	120	1	-	7.7	924	20A-1P	NEMA 5-15	N/A	VULCAN VC4G OVEN	
EQ-10	115	1	-	6.5	748	20A-1P	NEMA 5-15	N/A	TRUE REACH IN REFER TUC-60-HC	
EQ-11	120	1	-	10.0	1200	20A-1P	NEMA 5-15	N/A	SOLWAVE MICROWAVE	
EF-1	240	1	3	21.4	5136	30A-2P	(8)	-	RANGE HOOD / INPUT POWER: 240V-1PH; MOTOR 3PH	
MAU-1	240	1	3	21.4	5136	30A-2P	(8)	-	MAKE UP AIR / INPUT POWER: 240V-1PH; MOTOR 3PH	
WP-1	120	1	2	1.0	120	20A-1P	(8)	-	HOT WATER LOOP PUMP	

- CONTRACTOR TO FIELD VERIFY ALL EQUIPMENT ELECTRICAL CHARACTERISTICS.
 - TOGGLE TYPE MOTOR RATED DISCONNECT SWITCH, PROVIDED WITH EQUIPMENT OVERLOADS.
 - COMBINE WITH LIGHTING CIRCUITS.
 - PROVIDE EQUIP. SERVICE DISC. SWITCH IF UNIT DOES NOT HAVE INTEGRAL DISCONNECTING MEANS.
 - PROVIDE RECEPTACLE TO MATCH UNIT CORD.
 - PROVIDE MOTOR THERMAL OVERLOAD PROTECTION IF MOTOR DOES NOT HAVE MOTOR THERMAL OVERLOAD PROTECTION.
 - SIZE PER EQUIPMENT FULL LOAD NAMEPLATE CURRENT.
 - SEE ELECTRICAL PLAN.
- N/A - NOT APPLICABLE.

ELECTRICAL DRAWING INDEX		
PG	SHEET	TITLE
1	E0.00	ELECTRICAL INFORMATION SHEET
2	E0.10	TITLE 24 INTERIOR
3	E2.00	LIGHTING PLAN - OVERALL
4	E2.10	LIGHTING PLAN - ENLARGED
5	E3.00	POWER PLAN - OVERALL
6	E3.10	POWER PLAN - ENLARGED
7	E3.20	POWER PLAN - ATTIC
8	E5.00	ONE-LINE
9	E5.10	PANEL SCHEDULES
10	E7.00	ELECTRICAL SPECIFICATIONS

ELECTRICAL SYMBOLS & ABBREVIATIONS

NO SCALE

PANELS

VOLTAGE AND PHASE AS NOTED PER DWGS:

- 120/240V, 1 PHASE PANEL
- 240/120V, 3 PHASE PANEL
- 120/208V, 1 PHASE PANEL
- 208/120V, 3 PHASE PANEL

480V, 3 PHASE PANEL
SPECIAL VOLTAGE PANEL
EMERGENCY POWER PANEL

CONDUIT

CONDUIT RUN CONCEALED IN OR UNDER SLAB OR BELOW GRADE FOR TELEPHONE SYSTEM
CONDUIT RUN CONCEALED IN CEILING OR WALL, U.O.N.
CONDUIT RUN CONCEALED IN OR UNDER SLAB OR BELOW GRADE FOR COMMUNICATION SYSTEM
EMERGENCY SYSTEM CIRCUITING
CONDUIT RUN CONCEALED IN OR UNDER SLAB OR BELOW GRADE FOR PA SYSTEM
PRIMARY
CONDUIT RUN CONCEALED IN OR UNDER SLAB OR BELOW GRADE FOR SECURITY SYSTEM

CONDUIT RUN CONCEALED IN OR UNDER SLAB OR BELOW GRADE FOR TELEPHONE SYSTEM
HOME RUN TO POWER SOURCE
CONDUIT TURN DOWN
CONDUIT TURN UP
GROUND CONDUCTOR
NEUTRAL CONDUCTOR
POWER CONDUCTORS
LOW VOLTAGE CONTROL CONDUCTORS
CONDUIT SIZE

DEVICES

SINGLE POLE SWITCH, +46° U.O.N.
C - CIRCUIT # & SWITCHING
2 - DOUBLE POLE
3 - 3 WAY
4 - 4 WAY

DUPLEX RECEPT, NEMA 5-20R, +18" U.O.N.
FOUR-PLEX RECEPT, NEMA 5-20R, +18" U.O.N.
DUPLEX RECEPT, W/GROUND FAULT INTERRUPTER +44", U.O.N.
ROOF/CEILING/RECEPT/DROP RECEPT
ROOF/CEILING 4 PLEX/DROP RECEPT
FLOOR RECEPTACLE
POWER PACK

240V RECEPT
208V RECEPT
480V RECEPT
TIME CLOCK
JUNCTION BOX
TELEPHONE OUTLET
TELECO/DATA OUTLET
DATA OUTLET
CABLE TV OUTLET

A.C. MOTOR GENERAL SYMBOL
SAFETY SWITCH, SIZE AS NOTED
MAGNETIC STARTER
COMBINATION STARTER
MANUAL STARTER
DISTRIBUTION TRANSFORMER
P - PRIMARY
S - SECONDARY
NXX - BOX SIZE
FILL BOX
POWER; TEL; COMMUNICATION

LIGHTING DEVICES

FLUORESCENT FIXTURE, RECESSED IN CEILING
FLUORESCENT FIXTURE, SURFACE OR PENDANT MOUNTED
FLUORESCENT FIXTURE, WALL MOUNTED
FLUORESCENT STRIP, SURFACE, PENDANT, OR WALL MOUNTED AS NOTED.

NL = NIGHT LIGHT
EM = EMERGENCY LIGHT

LIGHT FIXTURE
EMERGENCY BATTERY POWERED LIGHT
EXIT SIGN, WITH DIRECTIONAL ARROWS AS SHOWN

SINGLE POLE SWITCH, +46° U.O.N.
C - CIRCUIT # & SWITCHING
2 - DOUBLE POLE
3 - 3 WAY
4 - 4 WAY

LIGHTING CONTROL STATION
OS = OCCUPANCY SENSOR
DS = DAYLIGHT SENSOR
IR = INFRARED SENSOR
SINGLE OR DUAL SWITCH OCCUPANCY SENSOR
ROOM CONTROL
X-CONTROL REFERENCE NUMBER

IDENTIFICATION LABELS

LIGHT FIXTURE TAG
MECHANICAL EQUIPMENT TAG
COMPLY WITH LETTER OR NUMBER NOTE ON SHEET
SEE DETAIL 8, SHEET E4

FEEDER IDENTIFICATION TAG
X04=FEEDER
Y1= PRIMARY POWER
S=SECONDARY POWER
E=ELECTRIC POWER
EM=EMERGENCY POWER
T=TELE SERVICE
TD=TELECO DATA
CA=CABLE SERVICE

ABBREVIATIONS

ADMIN - ADMINISTRATION
AFT - ABOVE FINISHED FLOOR
AFS - ABOVE FINISHED SLAB
AL - ALUMINUM
ARCH - ARCHITECT
ARF - ABOVE RAISED FLOOR
ASC - ABOVE SUSPENDED CEILING
BD - BOARD
BLDG - BUILDING
C - CONDUIT
CKT - CIRCUIT
CO - CONDUIT ONLY
CONC - CONCRETE
CONN - CONNECT
CU - COPPER
DISC - DISCONNECT
DWG - DRAWING
E - EXISTING
ELEC - ELECTRICAL
EM - EMERGENCY
EP - EXPLOSION PROOF

EQUIP - EQUIPMENT
ES - ENERGY SAVING
EXIST - EXISTING
FA - FIRE ALARM
FACP - FIRE ALARM CONTROL PANEL
FAP - FIRE ALARM PANEL
FDR - FEEDER
GND - GROUND
HP - HORSEPOWER
MCH - MECHANICAL
MFG - MANUFACTURER
MIN - MINIMUM
MSB - MAIN SWITCH BOARD
MNTG - MOUNTING
NEW - NEW
NL - NIGHT LIGHT
NOTES - NON-FUSED DISC. SW.
OH - OVERHEAD
PB - PULL BOX
P.O.C. - POINT OF CONNECTION
PGE - PACIFIC GAS AND ELECTRIC
PNL - PANEL

QTY - QUANTITY
(R) - REMOVE
(RL) - RELOCATE
RGS - RIGID GALVANIZED STEEL
(RR) - REMOVE AND REPLACE EXISTING
(RRN) - REMOVE AND REPLACE NEW
SCH - SCHEDULE
STRUCT - STRUCTURAL
SW - SWITCH
SWBD - SWITCHBOARD
SYM - SYMMETRICAL
SYS - SYSTEM
TEL - TELEPHONE
TERM - TERMINAL
TRANS - TRANSFORMER
TYP - TYPICAL
UG - UNDERGROUND
UN - UNLESS OTHERWISE NOTED
VF - VERIFY IN FIELD
V - VOLTS
WP - WEATHERPROOF
WRGS - WRAPPED RIGID GALVANIZED STEEL
- PHASE

NOTE: DIMENSIONS TO CENTERLINE, UNLESS OTHERWISE NOTED.

REVISIONS	BY
△ PLAN CK 1 08-05-24	DGS
△ UPDATE HOOD ELECT 01-21-25	DGS

DAVCO ASSOCIATES (408) 778-2525
 architecture
 planning
 consultation
 P.O. Box 1621
 Morgan Hill, CA 95038

KITCHEN REMODEL
 VETERAN'S HALL
 SOUTH SANTA CLARA VALLEY MEMORIAL DISTRICT
 74 WEST SIXTH ST.
 GILROY, CA



PROPRIETARY DATA

THE USE OF THE PLANS AND SPECIFICATIONS IS RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY WERE PREPARED, AND PUBLICATION HEREOF IS EXPRESSLY LIMITED TO SUCH USE. REUSE, REPRODUCTION OR PUBLICATION BY ANY METHOD IN WHOLE OR IN PART IS PROHIBITED. TITLE TO THE PLANS AND SPECIFICATIONS REMAINS WITH CENTRAL PACIFIC ENGINEERING, INC. WHETHER THE PROJECT FOR WHICH THE PLANS AND SPECIFICATIONS IS EXECUTED OR NOT, AND VISUAL CONTACT WITH THEM CONSTITUTES PRIMA FACIE EVIDENCE OF THE ACCEPTANCE OF THESE RESTRICTIONS. CENTRAL PACIFIC ENGINEERING, INC. COPYRIGHT 2024



DRAWN
CHECKED
DATE
SCALE
AS NOTED
JOB NO.
SHEET

E0.00

OF SHEETS

STATE OF CALIFORNIA
Indoor Lighting CALIFORNIA ENERGY COMMISSION
 CERTIFICATE OF COMPLIANCE NRCC-LTI-E
 Project Name: Vets Hall Gilroy KITCHEN REMODEL Report Page: (Page 1 of 7)
 Date Prepared: 2024-01-31 13:26:40-05:00

A. GENERAL INFORMATION

01 Project Location (city)	gilroy	04 Total Conditioned Floor Area (ft ²)	451.58
02 Climate Zone	4	05 Total Unconditioned Floor Area (ft ²)	0
03 Occupancy Types Within Project (select all that apply):	06 # of Stories (Habitable Above Grade)	1	

• Restaurant

B. PROJECT SCOPE
 This table includes any lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.6 / 170.2(e) or 141.0(b)2 / 180.2(b)4 for alterations.

Scope of Work	Conditioned Spaces	Unconditioned Spaces	
01	02	03	05
My Project Consists of (check all that apply):	Calculation Method	Area (ft ²)	Calculation Method Area (ft ²)
<input type="checkbox"/> New Lighting System	N/A	0	N/A 0
<input type="checkbox"/> New Lighting System - Parking Garage	N/A	0	N/A 0
<input checked="" type="checkbox"/> Altered Lighting System	Area Category Method	451.58	N/A 0
Total Area of Work (ft²)		451.58	

Generated Date/Time: Documentation Software: Energy Code Ace
 CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: 165832-0124-0006
 Schema Version: rev 20220101 Report Generated: 2024-01-31 10:26:43

STATE OF CALIFORNIA
Indoor Lighting CALIFORNIA ENERGY COMMISSION
 CERTIFICATE OF COMPLIANCE NRCC-LTI-E
 Project Name: Vets Hall Gilroy KITCHEN REMODEL Report Page: (Page 2 of 7)
 Date Prepared: 2024-01-31 13:26:40-05:00

C. COMPLIANCE RESULTS
 If any cell on this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D. for guidance.

Lighting in conditioned and unconditioned spaces must not be combined for compliance per 140.6(b)1 / 170.2(e)	Allowed Lighting Power per 140.6(b) / 170.2(e) (Watts)				Total Allowed (Watts)	Adjusted Lighting Power per 140.6(a) / 170.2(e) (Watts)			Compliance Results
	01	02	03	04		05	06	07	
Complete Building 140.6(c)1	Area Category 140.6(c)2 / 170.2(e)4	Additional 140.6(c)2G / 170.2(e)4Av	Tailored 140.6(c)3 / 170.2(e)4B (+)			Total Designed (Watts)	PAF Lighting Control Credits 140.6(a)7 / 170.2(e)1B (-)	Total Adjusted (Watts) Includes Adjustments	05 must be >= 08 140.6 / 170.2(e)
(See Table I)	(See Table J)	(See Table J)	(See Table K)			(See Table F)	(See Table P)		COMPLIES
Conditioned	452.67					420		420	
Unconditioned									COMPLIES

Controls Compliance (See Table H for Details) COMPLIES
 Rated Power Reduction Compliance (See Table Q for Details)

D. EXCEPTIONAL CONDITIONS
 This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

E. ADDITIONAL REMARKS
 This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

Generated Date/Time: Documentation Software: Energy Code Ace
 CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: 165832-0124-0006
 Schema Version: rev 20220101 Report Generated: 2024-01-31 10:26:43

STATE OF CALIFORNIA
Indoor Lighting CALIFORNIA ENERGY COMMISSION
 CERTIFICATE OF COMPLIANCE NRCC-LTI-E
 Project Name: Vets Hall Gilroy KITCHEN REMODEL Report Page: (Page 3 of 7)
 Date Prepared: 2024-01-31 13:26:40-05:00

F. INDOOR LIGHTING FIXTURE SCHEDULE
 This table includes all planned permanent and portable lighting other than dwelling unit/ hotel/ motel room lighting. Multifamily dwelling unit and hotel/motel room lighting is documented in Table T. If using Table T to document lighting in multifamily common use areas providing shared provisions for living, eating, cooking or sanitation, those luminaires are not included here.

Designed Wattage: Conditioned Spaces									
01	02	03	04	05	06	07	08	09	10
Name or Item Tag	Complete Luminaire Description	Modular (Track) Fixture	Small Aperture & Color Change ¹	Watts per luminaire ²	How is Wattage determined	Total Number of Luminaires	Excluded per 140.6(a)3 / 170.2(e)2C	Design Watts	Field Inspector
A1	CGTX 2X2	No	NA	40	Mfr. Spec	10	No	400	Pass Fail
B1	STL2	No	NA	20	Mfr. Spec	1	No	20	Pass Fail
Total Designed Watts: CONDITIONED SPACES								420	

¹FOOTNOTE: Design Watts for small aperture and color changing luminaires which qualify per 140.6(a)4B / 170.2(e)2D is adjusted to be 75%/80% of their rated wattage. Table F automatically makes this adjustment, the permit applicant should enter full rated wattage in column 05.
²Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per 130.0(c) / 160.5(b). Wattage used must be the maximum rated for the luminaire, not the lamp.

G. MODULAR LIGHTING SYSTEMS
 This section does not apply to this project.

H. INDOOR LIGHTING CONTROLS (Not including PAFs)
 This table includes lighting controls for conditioned and unconditioned spaces.

Building Level Controls		
01	02	03
Mandatory Demand Response 110.12(c)	Shut-off controls 130.1(c) / 160.5(b)4C	Field Inspector
NA < 4,000W subject to multilevel	See Area/Space Level Controls	Pass Fail

Generated Date/Time: Documentation Software: Energy Code Ace
 CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: 165832-0124-0006
 Schema Version: rev 20220101 Report Generated: 2024-01-31 10:26:43

STATE OF CALIFORNIA
Indoor Lighting CALIFORNIA ENERGY COMMISSION
 CERTIFICATE OF COMPLIANCE NRCC-LTI-E
 Project Name: Vets Hall Gilroy KITCHEN REMODEL Report Page: (Page 4 of 7)
 Date Prepared: 2024-01-31 13:26:40-05:00

H. INDOOR LIGHTING CONTROLS (Not including PAFs)

Area Level Controls	05	06	07	08	09	10	11	12
Area Description	Complete Building or Area Category Primary Function Area	Manual Area Controls 130.1(a) / 160.5(b)4A	Multi-Level Controls 130.1(b) / 160.5(b)4B	Shut-Off Controls 130.1(c) // 160.5(b)4C	Primary/Sky lit Daylighting 130.1(d) / 160.5(b)4D	Secondary Daylighting 130.1(e) / 160.5(b)4E	Interlocked Systems 140.6(a)1 / 170.2(e)2A	Field Inspector
FOOD PREP 1	Kitchen/ Food Preparation	Readily Accessible	Dimmer	Occupancy Sensor	NA: General Ltg < 120W	NA: General Ltg < 120W	No	Pass Fail
FOOD PREP 2	Kitchen/ Food Preparation	Readily Accessible	Dimmer	Occupancy Sensor	NA: General Ltg < 120W	NA: General Ltg < 120W	No	Pass Fail
STORAGE	Storage - MF common areas	Readily Accessible	NA: Enclosed area <100SF	Occupancy Sensor	NA: Not daylight zone	NA: Not daylight zone	No	Pass Fail

Plan Sheet Showing Daylit Zones:

I. LIGHTING POWER ALLOWANCE: COMPLETE BUILDING OR AREA CATEGORY METHODS
 Each area complying using the Complete Building or Area Category Methods per 140.6(b) are included in this table. Column 06 indicates if additional lighting power allowances per 140.6(c) or adjustments per 140.6(a) are being used.

Conditioned Spaces					
01	02	03	04	05	06
Area Description	Complete Building or Area Category Primary Function Area	Allowed Density (W/H ²)	Area (ft ²)	Allowed Wattage (Watts)	Additional Allowance / Adjustment Area Category PAF
FOOD PREP 1	Kitchen/ Food Preparation	0.95	278.7	264.77	No
FOOD PREP 2	Kitchen/ Food Preparation	0.95	187.6	178.22	No
STORAGE	Storage - MF common areas	0.45	21.5	9.68	No
TOTALS:				487.8	452.67

See Tables J, or P for detail

Generated Date/Time: Documentation Software: Energy Code Ace
 CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: 165832-0124-0006
 Schema Version: rev 20220101 Report Generated: 2024-01-31 10:26:43

STATE OF CALIFORNIA
Indoor Lighting CALIFORNIA ENERGY COMMISSION
 CERTIFICATE OF COMPLIANCE NRCC-LTI-E
 Project Name: Vets Hall Gilroy KITCHEN REMODEL Report Page: (Page 5 of 7)
 Date Prepared: 2024-01-31 13:26:40-05:00

J. ADDITIONAL ALLOWANCE: AREA CATEGORY METHOD QUALIFYING LIGHTING SYSTEM
 This section does not apply to this project.

K. TAILORED METHOD GENERAL LIGHTING POWER ALLOWANCE
 This section does not apply to this project.

L. ADDITIONAL LIGHTING ALLOWANCE: TAILORED WALL DISPLAY
 This section does not apply to this project.

M. ADDITIONAL LIGHTING ALLOWANCE: TAILORED FLOOR AND TASK LIGHTING
 This section does not apply to this project.

N. ADDITIONAL LIGHTING ALLOWANCE: TAILORED DECORATIVE /SPECIAL EFFECTS
 This section does not apply to this project.

O. ADDITIONAL LIGHTING ALLOWANCE: TAILORED VERY VALUABLE MERCHANDISE
 This section does not apply to this project.

P. POWER ADJUSTMENT: LIGHTING CONTROL CREDIT (POWER ADJUSTMENT FACTOR (PAF))
 This section does not apply to this project.

Q. RATED POWER REDUCTION COMPLIANCE FOR ONE-FOR-ONE ALTERATIONS
 This section does not apply to this project.

Generated Date/Time: Documentation Software: Energy Code Ace
 CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: 165832-0124-0006
 Schema Version: rev 20220101 Report Generated: 2024-01-31 10:26:43

STATE OF CALIFORNIA
Indoor Lighting CALIFORNIA ENERGY COMMISSION
 CERTIFICATE OF COMPLIANCE NRCC-LTI-E
 Project Name: Vets Hall Gilroy KITCHEN REMODEL Report Page: (Page 6 of 7)
 Date Prepared: 2024-01-31 13:26:40-05:00

R. 80% LIGHTING POWER FOR ALL ALTERATIONS - CONTROLS EXCEPTIONS
 This section does not apply to this project.

S. DAYLIGHT DESIGN POWER ADJUSTMENT FACTOR (PAF)
 This section does not apply to this project.

T. DWELLING UNIT LIGHTING
 This section does not apply to this project.

U. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION
 Selections have been made based on information provided in this document. If any selections have been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online

Form/Title

NRCL-LTI-E - Must be submitted for all buildings

V. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE
 Selections have been made based on information provided in this document. If any selections have been changed by the permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and any with "A" in the form name must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: <http://www.energy.ca.gov/title24/attcp/providers.html>

Form/Title

Systems/Spaces To Be Field Verified

NRCA-LTI-02-A - Must be submitted for occupancy sensors and automatic time switch controls.

FOOD PREP 1; FOOD PREP 2; STORAGE

Generated Date/Time: Documentation Software: Energy Code Ace
 CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: 165832-0124-0006
 Schema Version: rev 20220101 Report Generated: 2024-01-31 10:26:43

STATE OF CALIFORNIA
Indoor Lighting CALIFORNIA ENERGY COMMISSION
 CERTIFICATE OF COMPLIANCE NRCC-LTI-E
 Project Name: Vets Hall Gilroy KITCHEN REMODEL Report Page: (Page 7 of 7)
 Date Prepared: 2024-01-31 13:26:40-05:00

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT
 I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: David Smith, P.E. Documentation Author Signature:

Company: CENTRAL PACIFIC ENGINEERING, INC. Signature Date:

Address: CEA/HERS Certification Identification (if applicable):
 City/State/Zip: Phone:

RESPONSIBLE PERSON'S DECLARATION STATEMENT
 I certify the following under penalty of perjury, under the laws of the State of California:
 1. The information provided on this Certificate of Compliance is true and correct.
 2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).
 3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
 4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
 5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: David Smith, P.E. Responsible Designer Signature:

Company: CENTRAL PACIFIC ENGINEERING, INC. Date Signed:

Address: License:
 City/State/Zip: Phone:

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: 165832-0124-0006
 Schema Version: rev 20220101 Report Generated: 2024-01-31 10:26:43



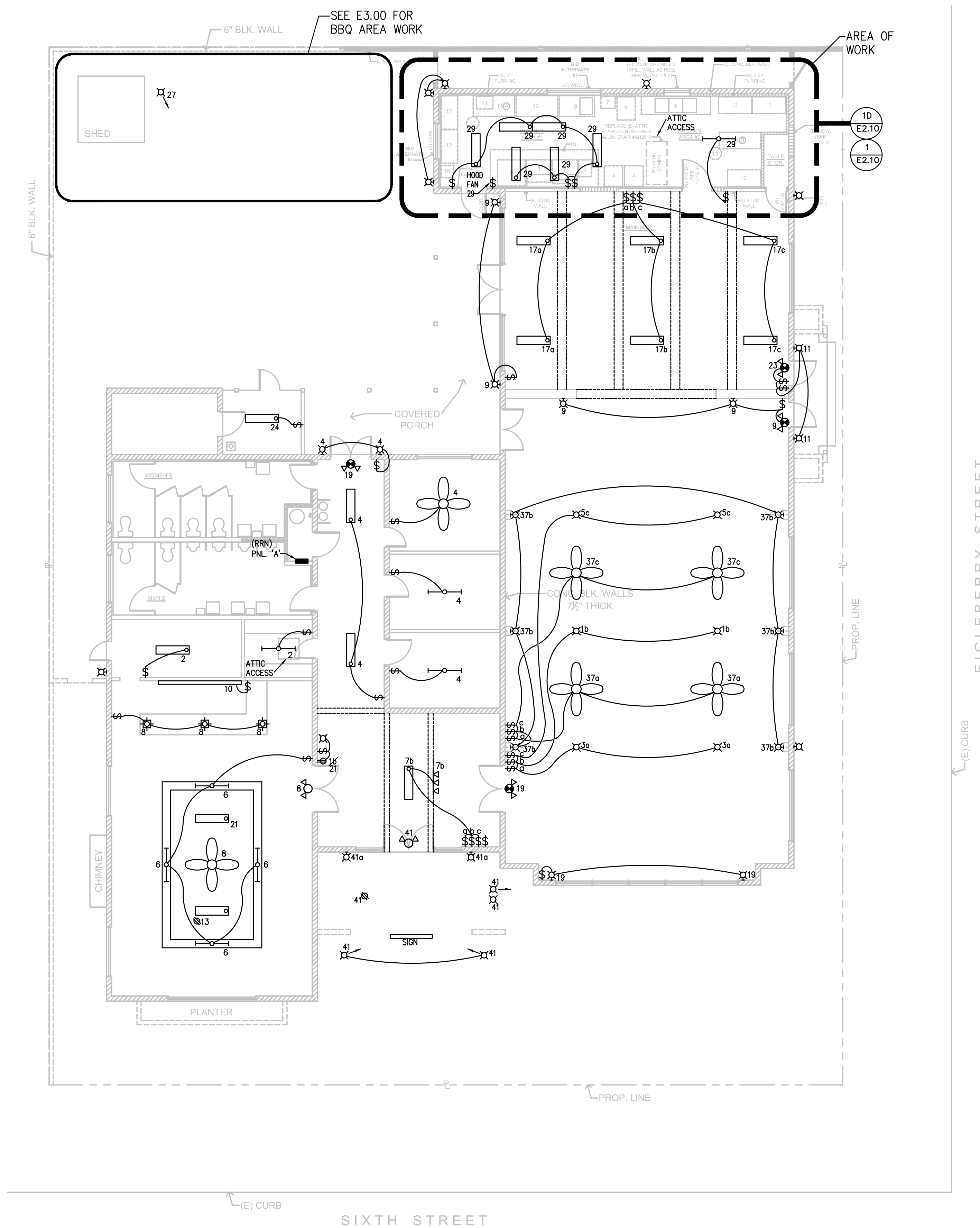
PROPRIETARY DATA
 THE USE OF THE PLANS AND SPECIFICATIONS IS RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY WERE PREPARED, AND PUBLICATION THEREOF IS EXPRESSLY LIMITED TO SUCH USE. REPRODUCTION OR PUBLICATION BY ANY METHOD IN WHOLE OR IN PART IS PROHIBITED, TITLE TO THE PLANS AND SPECIFICATIONS REMAINS WITH CENTRAL PACIFIC ENGINEERING, INC. WHETHER THE PROJECT FOR WHICH THE PLANS AND SPECIFICATIONS IS EXECUTED OR NOT, AND VISUAL CONTACT WITH THEM CONSTITUTES PRIMA FACIE EVIDENCE OF THE ACCEPTANCE OF THESE RESTRICTIONS. CENTRAL PACIFIC ENGINEERING, INC. COPYRIGHT 2024



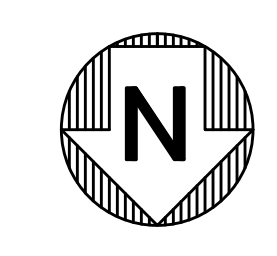
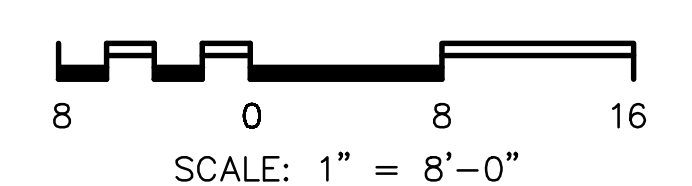
REVISIONS	BY
△ PLAN CK 1 08-05-24	DGS
△ UPDATE HOOD ELECT 01-21-25	DGS

DAVCO ASSOCIATES (408) 778-2525
 fax (408) 683-4244
 P.O. Box 1621
 Morgan Hill, CA 95038
 KITCHEN REMODEL VETERAN'S HALL SOUTH SANTA CLARA VALLEY MEMORIAL DISTRICT architecture planning consultation
 74 WEST SIXTH ST. GILROY, CA

DRAWN
CHECKED
DATE
SCALE AS NOTED
JOB NO.
SHEET
E0.10
OF SHEETS



1 LIGHTING PLAN - OVERALL
SCALE: 1/8" = 1'-0"



PROPRIETARY DATA
THE USE OF THE PLANS AND SPECIFICATIONS IS RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY WERE PREPARED, AND PUBLICATION THEREOF IS EXPRESSLY LIMITED TO SUCH USE. REUSE, REPRODUCTION OR PUBLICATION BY ANY METHOD IN WHOLE OR IN PART IS PROHIBITED. TITLE TO THE PLANS AND SPECIFICATIONS REMAINS WITH CENTRAL PACIFIC ENGINEERING, INC. WHETHER THE PROJECT FOR WHICH THE PLANS AND SPECIFICATIONS IS EXECUTED OR NOT, AND VISUAL CONTACT WITH THEM CONSTITUTES PRIMA FACIE EVIDENCE OF THE ACCEPTANCE OF THESE RESTRICTIONS. CENTRAL PACIFIC ENGINEERING, INC. COPYRIGHT 2024.

Central Pacific Engineering, Inc.
Professional Engineers
P.O. Box 1727, Capitola, CA 95010
831-476-1525
www.cpeing.com

23-045-0

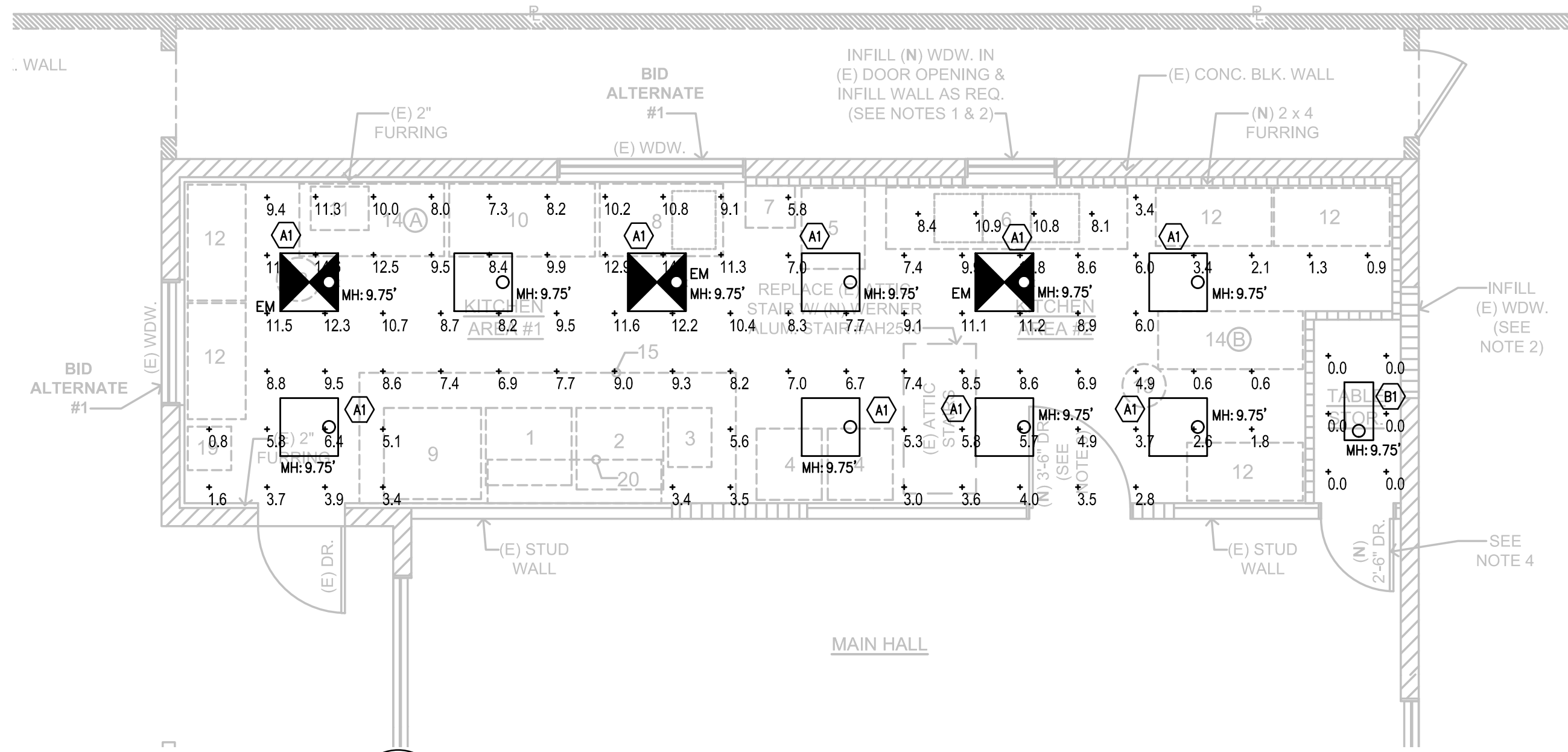
REVISIONS	BY
△ PLAN CK 1 08-05-24	DGS
△ UPDATE HOOD ELECT 01-21-25	DGS

KITCHEN REMODEL
VETERAN'S HALL
SOUTH SANTA CLARA VALLEY MEMORIAL DISTRICT
74 WEST SIXTH ST.
GILROY, CA

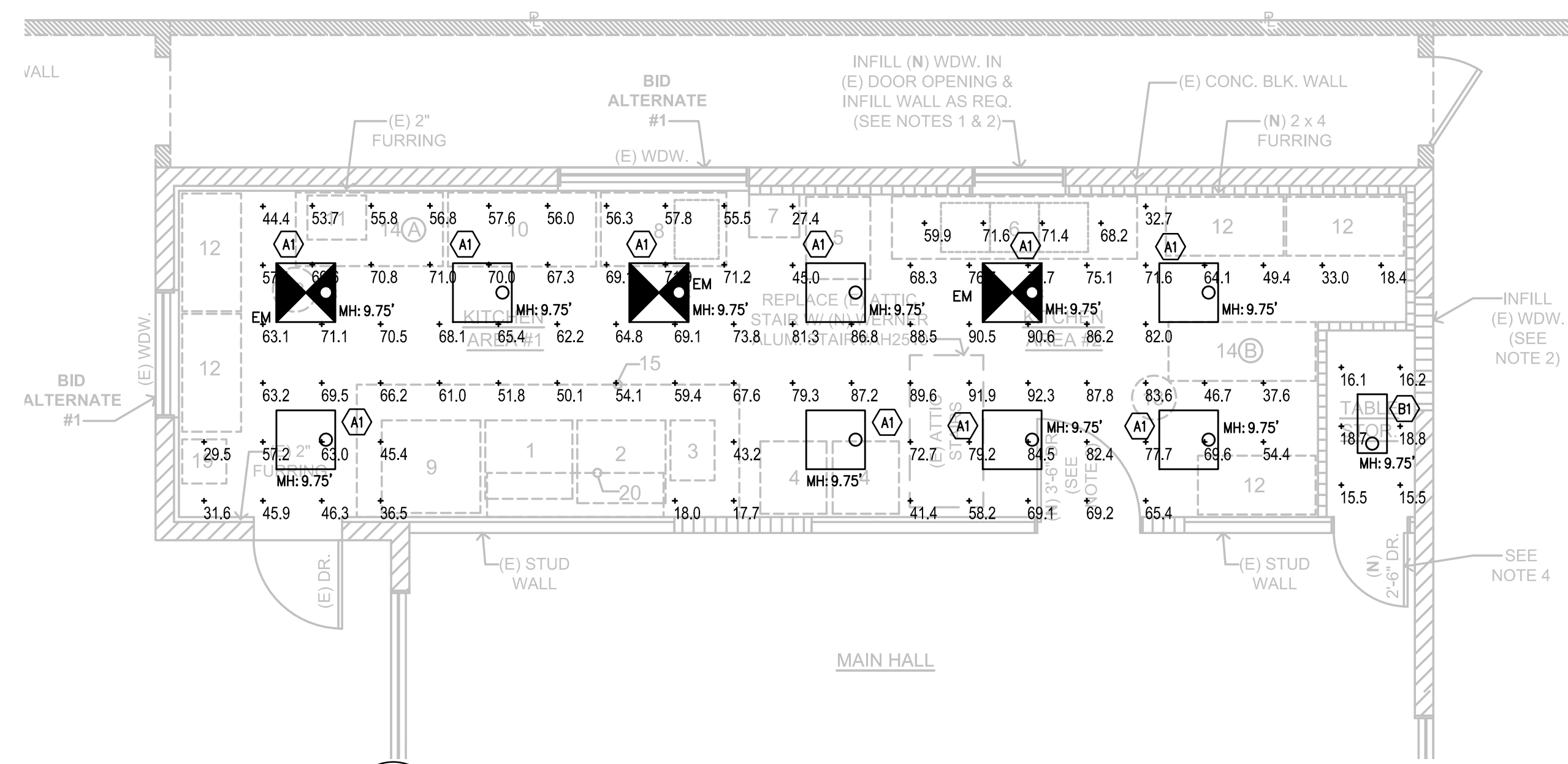
DAVCO ASSOCIATES (408) 778-2525
architecture
planning
consultation
fax (408) 683-4244
P.O. Box 1621
Morgan Hill, CA 95038

DRAWN	
CHECKED	
DATE	
SCALE	AS NOTED
JOB NO.	
SHEET	E2.00
OF	
SHEETS	

REVISIONS	BY
△ PLAN CK 1 08-05-24	DGS
△ UPDATE HOOD ELECT 01-21-25	DGS



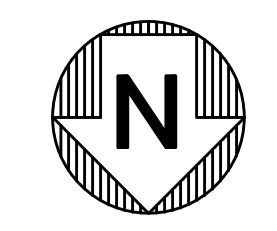
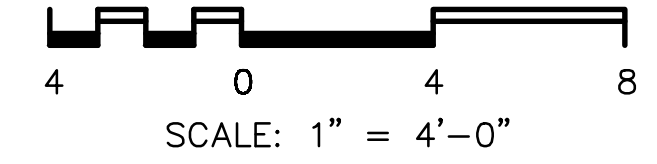
2E PHOTOMETRICS – EMERGENCY
SCALE: 1/4" = 1'-0"



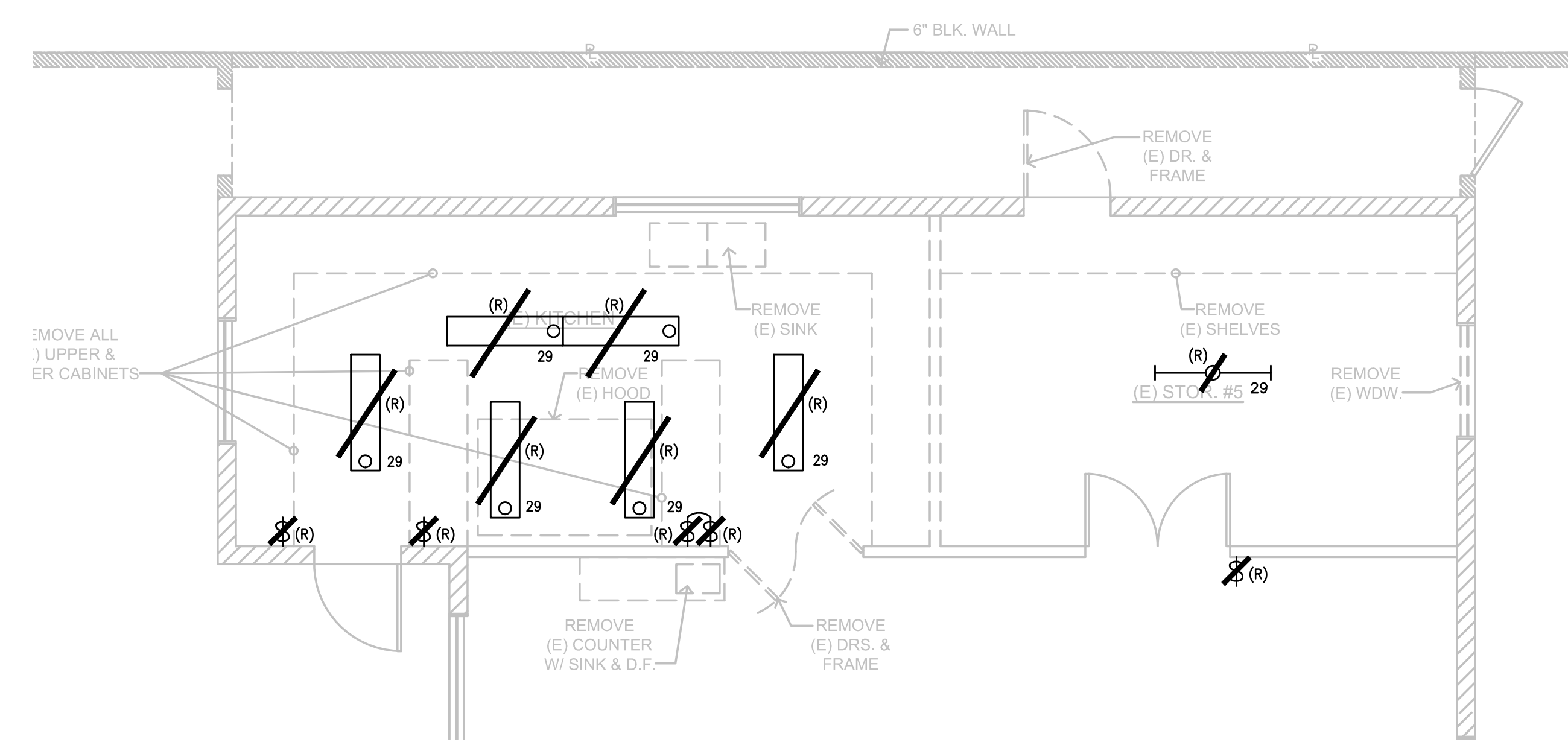
2 PHOTOMETRICS – NORMAL
SCALE: 1/4" = 1'-0"

GENERAL DEMOLITION NOTES:

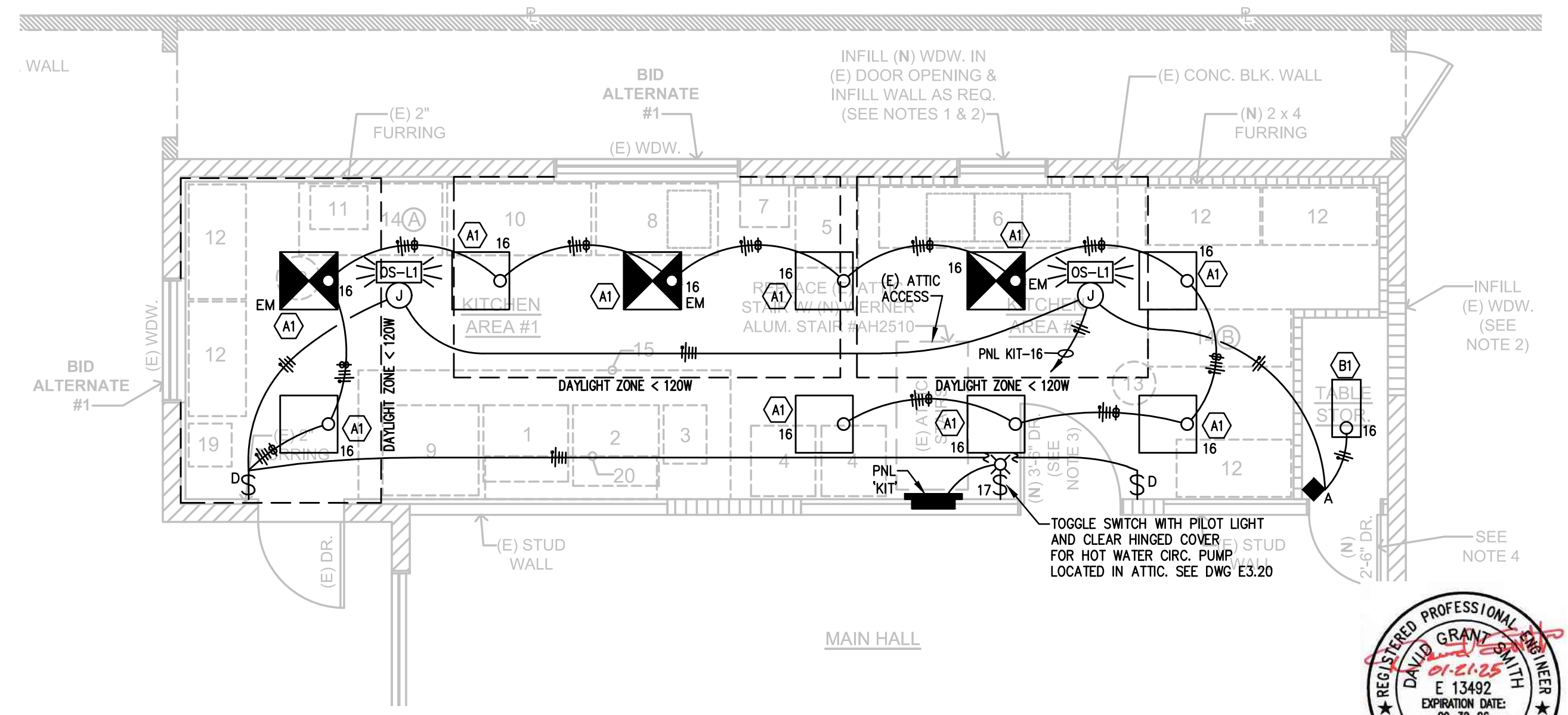
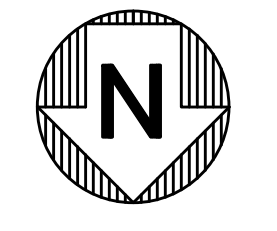
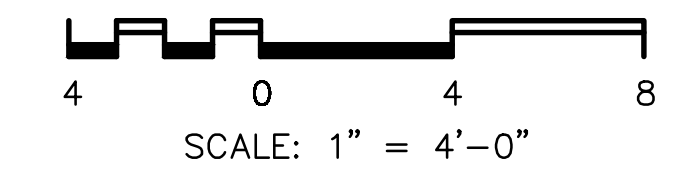
- REMOVE ALL ELECTRICAL CONDUIT, WIRE, BOXES, FIXTURES, PANELS, ETC, BACK TO LAST ACTIVE J-BOX.
- THE INTENT OF THESE DRAWINGS IS TO PROVIDE THE CONTRACTOR WITH GENERAL REMOVAL WORK TO BE PROVIDED. EXISTING SITE CONDITIONS MAY EXIST SUCH THAT ACTUAL QUANTITIES ARE DIFFERENT FROM THESE DOCUMENTS. THE CONTRACTOR SHALL PROVIDE LABOR AND MATERIALS AT NO ADDITIONAL COST TO OWNER TO PROVIDE COMPLETE RENOVATION AS SHOWN WITHIN THESE AND ASSOCIATED CONSTRUCTION DOCUMENTS. ALL MAJOR ADJUSTMENTS SHALL BE PROVIDED TO THE ENGINEER IN WRITING FOR REVIEW AND COMMENT.
- CONTRACTOR TO COORDINATE ALL DEMOLITION WORK WITH THE CONSTRUCTION WORK REQUIREMENTS.
- CONTRACTOR TO REMOVE ALL UNUSED CONDUCTORS, CONDUITS AND ASSOCIATED HARDWARE.
- CONTRACTOR TO REVIEW MECHANICAL AND OTHER CONSTRUCTION DRAWINGS FOR MECHANICAL AND OTHER EQUIPMENT TO BE REMOVED. CONTRACTOR SHALL DISCONNECT AND REMOVE ALL ASSOCIATED ELECTRICAL TO THESE UNITS.



DWG SYMBOL	MFG	MODEL	DESCRIPTION
	WATTSTOPPER	DT-355	DUAL TECHNOLOGY CEILING OCCUPANCY SENSOR – LINE VOLTAGE
	LUTRON	DISTV-XX (XX=COLOR)	WALL SWITCH (0-10V LINE VOLTAGE SLIDE DIMMER)
	WATTSTOPPER	PW-100	PIR WALL SWITCH SENSOR



1D ENLARGED LIGHTING PLAN – DEMO
SCALE: 1/4" = 1'-0"



1 ENLARGED LIGHTING PLAN – CONST
SCALE: 1/4" = 1'-0"



PROPRIETARY DATA
THE USE OF THE PLANS AND SPECIFICATIONS IS RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY WERE PREPARED, AND PUBLICATION THEREOF IS EXPRESSLY LIMITED TO SUCH USE. REUSE, REPRODUCTION OR PUBLICATION BY ANY METHOD IN WHOLE OR IN PART IS PROHIBITED. TITLE TO THE PLANS AND SPECIFICATIONS REMAINS WITH CENTRAL PACIFIC ENGINEERING, INC. WHETHER THE PROJECT FOR WHICH THE PLANS AND SPECIFICATIONS IS EXECUTED OR NOT, AND VISUAL CONTACT WITH THEM CONSTITUTES PRIMA FACIE EVIDENCE OF THE ACCEPTANCE OF THESE RESTRICTIONS. CENTRAL PACIFIC ENGINEERING, INC. COPYRIGHT 2024.

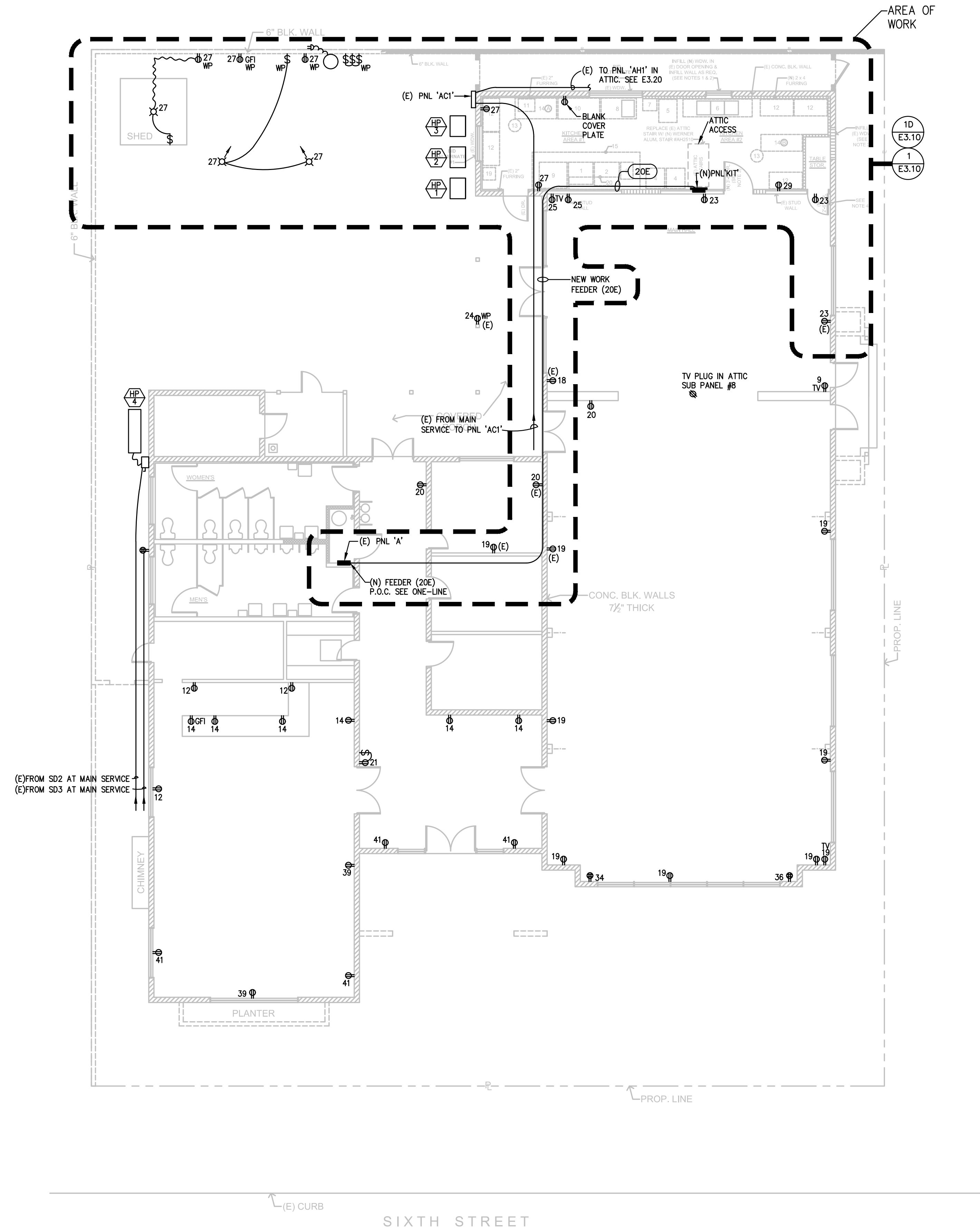
Central Pacific Engineering, Inc.
Professional Engineers
P.O. Box 1727, Capitola, CA 95010
831-476-1525
www.cpeinc.com

DAVCO ASSOCIATES (408) 778-2525
 architecture
 planning
 consultation
 P.O. Box 1621
 Morgan Hill, CA 95038

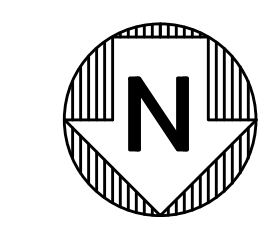
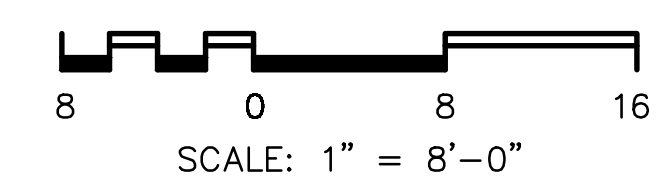
KITCHEN REMODEL
VETERAN'S HALL
 SOUTH SANTA CLARA VALLEY MEMORIAL DISTRICT
 74 WEST SIXTH ST.
 GILROY, CA

DRAWN
CHECKED
DATE
SCALE
AS NOTED
JOB NO.
SHEET

E2.10
OF SHEETS



1 POWER PLAN - OVERALL
SCALE: 1/8" = 1'-0"



PROPRIETARY DATA
THE USE OF THE PLANS AND SPECIFICATIONS IS RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY WERE PREPARED, AND PUBLICATION THEREOF IS EXPRESSLY LIMITED TO SUCH USE. REUSE, REPRODUCTION OR PUBLICATION BY ANY METHOD IN WHOLE OR IN PART IS PROHIBITED. TITLE TO THE PLANS AND SPECIFICATIONS REMAINS WITH CENTRAL PACIFIC ENGINEERING, INC. WHETHER THE PROJECT FOR WHICH THE PLANS AND SPECIFICATIONS IS EXECUTED OR NOT, AND VISUAL CONTACT WITH THEM CONSTITUTES PRIMA FACIE EVIDENCE OF THE ACCEPTANCE OF THESE RESTRICTIONS. CENTRAL PACIFIC ENGINEERING, INC. COPYRIGHT 2024.

Central Pacific Engineering, Inc.
Professional Engineers
P.O. Box 1727, Capitola, CA 95010
831-476-1525
www.cpeing.com

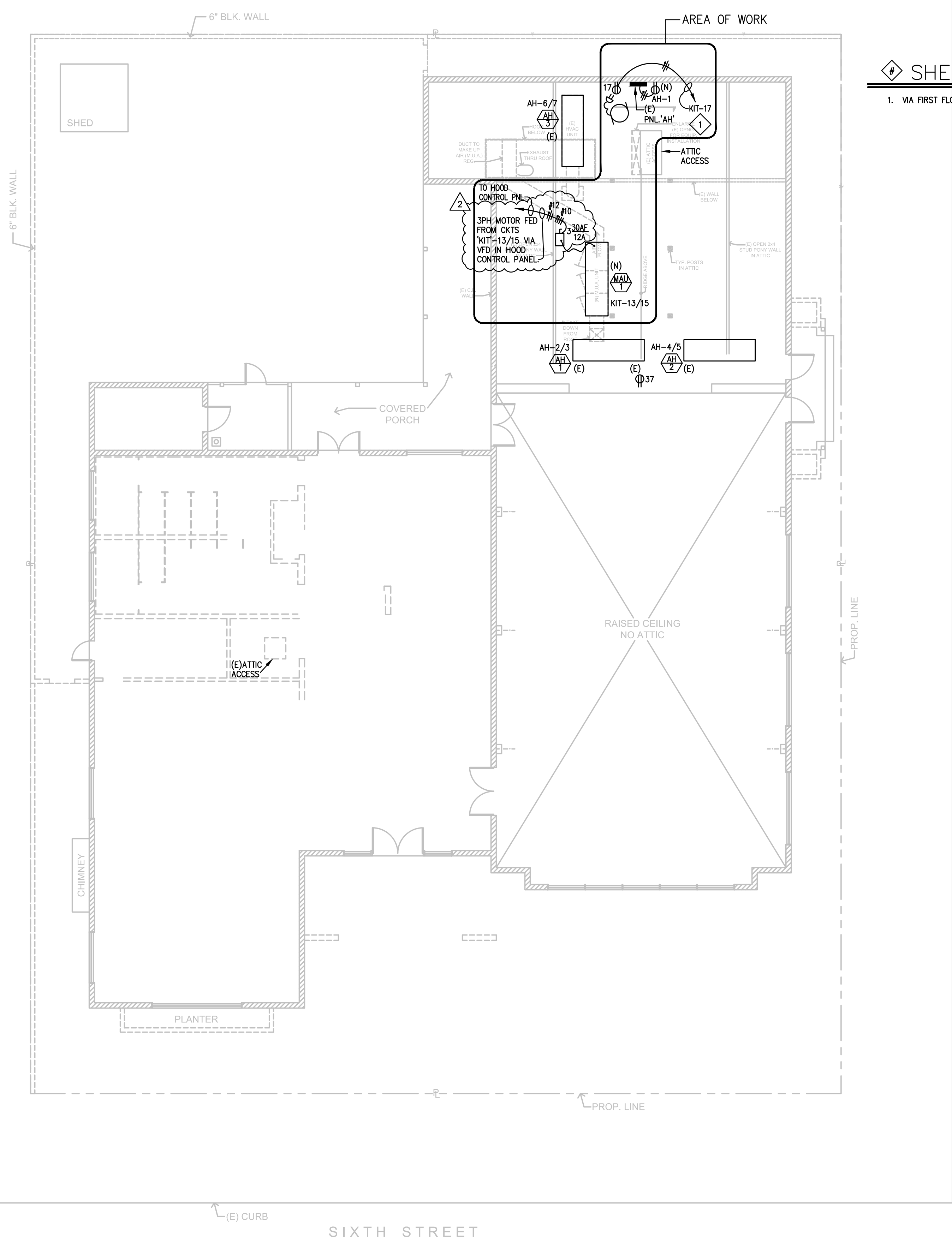
23-045-0

REVISIONS	BY
△ PLAN CK 1 08-05-24	DGS
△ UPDATE HOOD ELECT 01-21-25	DGS

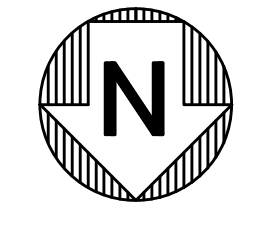
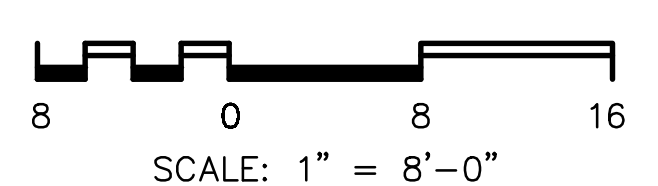
KITCHEN REMODEL
VETERAN'S HALL
SOUTH SANTA CLARA VALLEY MEMORIAL DISTRICT
74 WEST SIXTH ST.
GILROY, CA

DAVCO ASSOCIATES (408) 778-2525
architecture
planning
consultation
fax (408) 683-4244
P.O. Box 1621
Morgan Hill, CA 95038

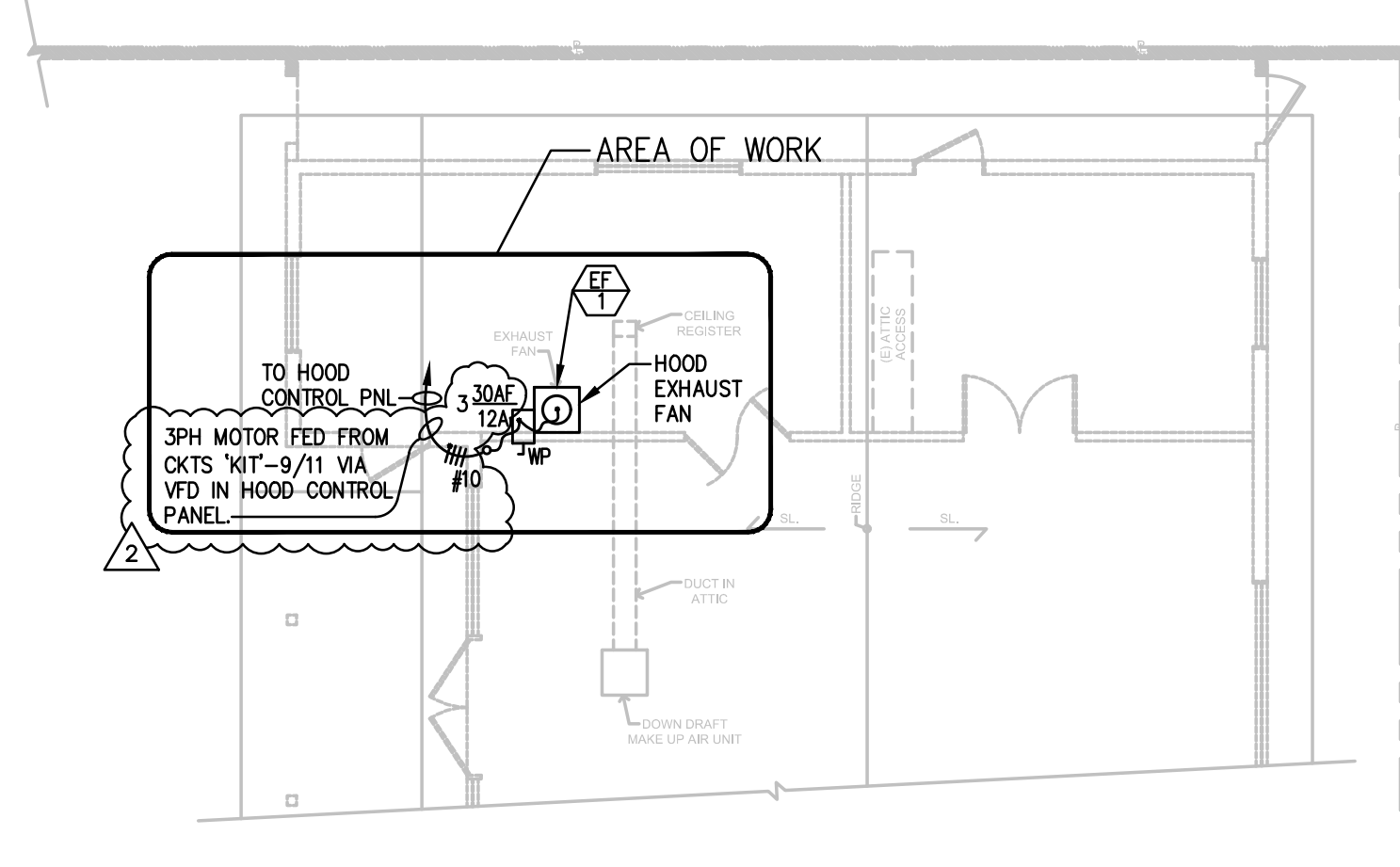
DRAWN
CHECKED
DATE
SCALE
AS NOTED
JOB NO.
SHEET
E3.00
OF SHEETS



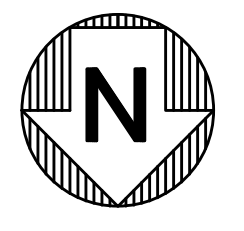
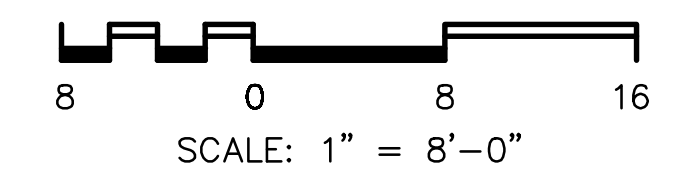
1 ATTIC POWER PLAN - OVERALL
SCALE: 1/8" = 1'-0"



SHEET NOTES:
1. VIA FIRST FLOOR WALL SWITCH BY (E) DBL. DOORS. SEE DETAIL 1/E2.10



2 ROOF POWER PLAN
SCALE: 1/8" = 1'-0"



PROPRIETARY DATA
THE USE OF THE PLANS AND SPECIFICATIONS IS RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY WERE PREPARED, AND PUBLICATION THEREOF IS EXPRESSLY LIMITED TO SUCH USE. REUSE, REPRODUCTION OR PUBLICATION BY ANY METHOD IN WHOLE OR IN PART IS PROHIBITED. TITLE TO THE PLANS AND SPECIFICATIONS REMAINS WITH CENTRAL PACIFIC ENGINEERING, INC. WHETHER THE PROJECT FOR WHICH THE PLANS AND SPECIFICATIONS IS EXECUTED OR NOT, AND VISUAL CONTACT WITH THEM CONSTITUTES PRIMA FACIE EVIDENCE OF THE ACCEPTANCE OF THESE RESTRICTIONS.
CENTRAL PACIFIC ENGINEERING, INC.
COPYRIGHT 2024



REVISIONS	BY
△ PLAN CK 1 08-05-24	DGS
△ UPDATE HOOD ELECT 01-21-25	DGS

KITCHEN REMODEL
VETERAN'S HALL
SOUTH SANTA CLARA VALLEY MEMORIAL DISTRICT
74 WEST SIXTH ST.
GILROY, CA

DAVCO ASSOCIATES (408) 778-2525
architecture
planning
consultation
fax (408) 683-4244
P.O. Box 1621
Morgan Hill, CA 95038

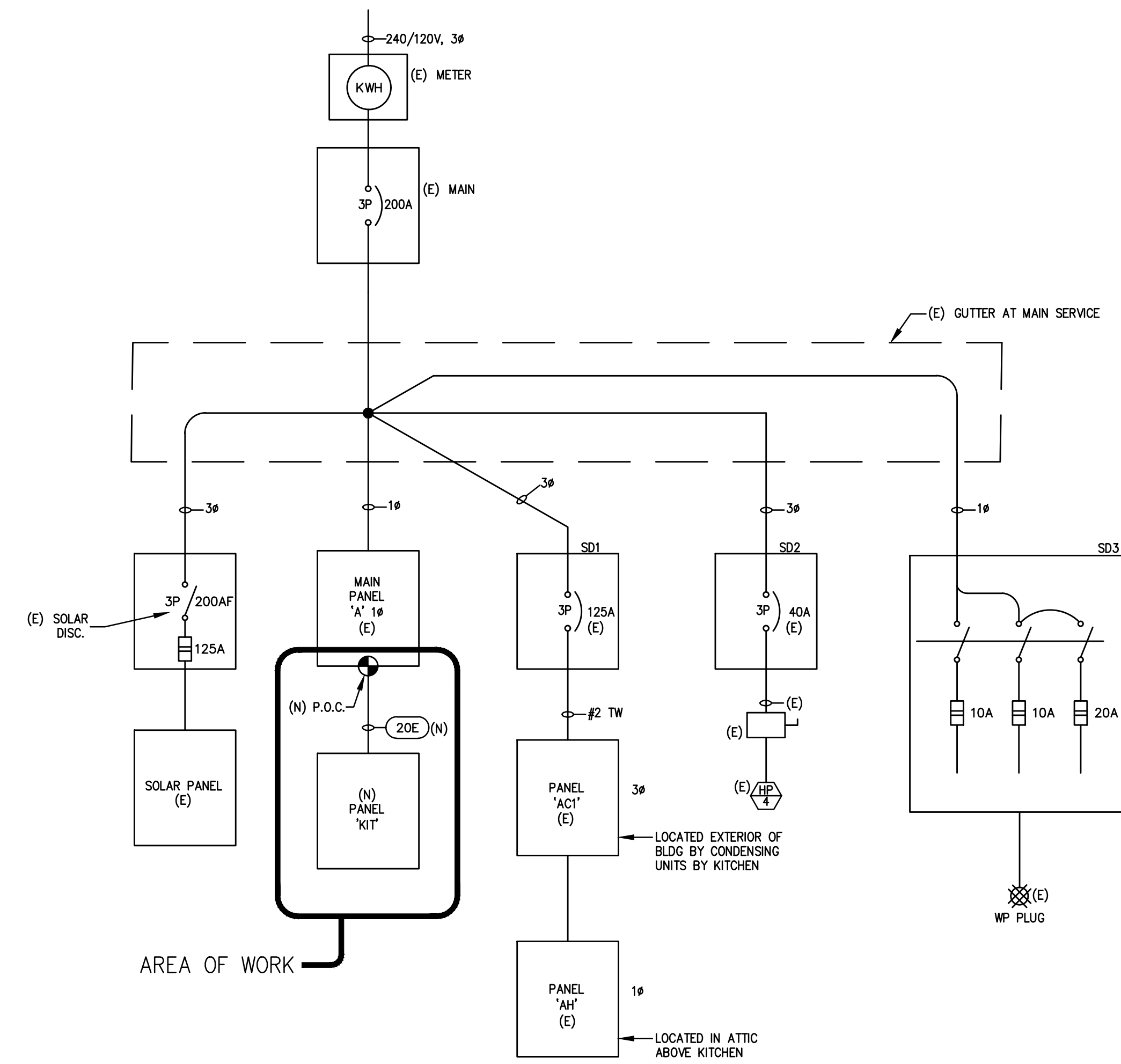
DRAWN
CHECKED
DATE
SCALE AS NOTED
JOB NO.
SHEET

E3.20
OF SHEETS

REVISIONS	BY
△ PLAN CK 1 08-05-24	DGS
△ UPDATE HOOD ELECT 01-21-25	DGS

FEEDER SCHEDULE							
MARK	WIRE		CONDUIT		ESTIMATED FEEDER LENGTH	FEEDER SEGMENT VOLTAGE DROP (V)	FEEDER SEGMENT VOLTAGE DROP (%)
	SIZE	TYPE	SIZE	TYPE			
Z0E	3-#10U + #6CU GND	THHN/THWN	2"	EMT	105	1.94	0.81%

NOTE: ALL WIRE TO BE CU UNLESS OTHERWISE NOTED.



1 ONE-LINE
NO SCALE



PROPRIETARY DATA
 THE USE OF THE PLANS AND SPECIFICATIONS IS RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY WERE PREPARED, AND PUBLICATION THEREOF IS EXPRESSLY LIMITED TO SUCH USE. REUSE, REPRODUCTION OR PUBLICATION BY ANY METHOD IN WHOLE OR IN PART IS PROHIBITED. TITLE TO THE PLANS AND SPECIFICATIONS REMAINS WITH CENTRAL PACIFIC ENGINEERING, INC. WHETHER THE PROJECT FOR WHICH THE PLANS AND SPECIFICATIONS IS EXECUTED OR NOT, AND VISUAL CONTACT WITH THEM CONSTITUTES PRIMA FACIE EVIDENCE OF THE ACCEPTANCE OF THESE RESTRICTIONS.
 CENTRAL PACIFIC ENGINEERING, INC.
 COPYRIGHT 2024



23-045-0

KITCHEN REMODEL
 VETERAN'S HALL
 SOUTH SANTA CLARA VALLEY MEMORIAL DISTRICT
 74 WEST SIXTH ST.
 GILROY, CA

DAVCO ASSOCIATES (408) 778-2525
 architecture
 planning
 consultation
 fax (408) 683-4244
 P.O. Box 1621
 Morgan Hill, CA 95038

DRAWN
CHECKED
DATE
SCALE AS NOTED
JOB NO.
SHEET

E5.00

OF SHEETS

EXISTING PANELS

PANEL NAME: (E) A		LOCATION: CLOSET		PANEL TYPE: <input checked="" type="checkbox"/> PANEL BOARD <input type="checkbox"/> LOAD CENTER									
VOLTAGE: 120/240		BUS RATING: 400		1 PHASE 3 WIRE + GND.									
SHORT CIR RATING: 22 KAIC		BUS TYPE: <input checked="" type="checkbox"/> COPPER <input type="checkbox"/> ALUMINUM		ENCLOSURE TYPE: NEMA 1									
O.C. DEVICES: <input checked="" type="checkbox"/> BOLT-ON <input type="checkbox"/> PLUG-ON		DEVICE FAMILY:		<input type="checkbox"/> SUB-FEED CIRCUIT BREAKER									
DESCRIPTION	LTG	VOLT	AMPS	BRK.	CKT NO.	BUS CONN.	CKT NO.	BRK.	VOLT	AMPS	BRK.	CKT NO.	DESCRIPTION
MAIN ROOM LIGHTS	X	200	20	1	2	20	180	X	X	X	2	20	SECURITY PLUG & STORAGE LTS
MAIN ROOM LIGHTS	X	200	20	3	4	20	250	X	X	X	4	20	HALLWAY OFFICE STORAGE LIGHTS
MAIN ROOM LIGHTS	X	200	20	5	6	20	200	X	X	X	6	20	BAR LIGHTS
ENTRY LIGHTS	X	300	20	7	8	20	200	X	X	X	8	20	BAR CAN LIGHTS
DINING HALL TV RECEPT	X	250	20	9	10	20	40	X	X	X	10	20	BAR PLUG/ BOTTLE UPLIGHT
EXISTING LOAD	X	500	20	11	12	20	720	X	X	X	12	20	BAR ROOM PLUGS EXT. LTS.
ATTIC SERVICE LIGHTS	X	150	20	13	14	20	900	X	X	X	14	20	BAR / LOBBY PLUGS
BACK BAR	X	360	20	15	16	20	500	X	X	X	16	20	EXISTING LOAD
DINING HALL LIGHTS	X	450	20	17	18	20	360	X	X	X	18	20	DINING HALL REFER PLUG
MAIN ROOM PLUGS & SCONCES	X	1200	20	19	20	20	360	X	X	X	20	20	OFFICE AND PLUG IN MAIN ROOM
DISPLAY, LOBBY	X	600	20	21	22	20	800	X	X	X	22	20	BACK BAR COOLERS
BACK BAR RM PLUGS	X	180	20	23	24	20	360	X	X	X	24	20	OUTSIDE REFER PLUG AND GFI
DINING HALL PLUGS	X	720	20	25	26	20	180	X	X	X	26	20	BACK BAR PLUG
BBQ KITCHEN PLUGS	X	640	20	27	28	20	1800	X	X	X	28	20	ICE MACHINE OUTSIDE
KITCHEN LIGHTS	X	600	20	29	30						30		SPACE
EXIST LOAD	X	500	20	31	32						32		SPACE
EXIST LOAD	X	500	20	33	34	20	360	X	X	X	34	20	DEDICATED PLUGS FOR A/V
BACK BAR RM PLUG	X	180	20	35	36	20	360	X	X	X	36	20	DEDICATED PLUGS FOR A/V
MAIN ROOM FANS	X	800	20	37	38	20	200	X	X	X	38	20	RESTROOM LIGHTING
FRONT BAR WALL PLUGS	X	1600	20	39	40						40		SPACE
FRONT BAR WALL PLUGS & FRONT EXT LTS	X	1600	20	41	42	20	500	X	X	X	42	20	EXISTING LOAD
SECURITY ALARM	X	250	20	43	44						44		SPACE
SPACE				45	46						46		SPACE
SPACE				47	48						48		SPACE
SPACE				49	50						50		SPACE
SPACE				51	52						52		SPACE
SPACE				53	54						54		SPACE
SPACE				55	56						56		SPACE
SPACE				57	58						58		SPACE
SPACE				59	60						60		SPACE
SPACE				61	62						62		SPACE
SPACE				63	64						64		SPACE
SPACE				65	66						66		SPACE
SPACE				67	68						68		SPACE
SPACE				69	70						70		SPACE
SPACE				71	72						72		SPACE
SPACE				73	74						74		SPACE
SPACE				75	76						76		SPACE
SPACE				77	78						78		SPACE
SPACE				79	80						80		SPACE
SPACE				81	82						82		SPACE
SPACE				83	84						84		SPACE
TOTALS		15765	16349				3720				4550		
BUS A		19.5 KVA											
BUS B		20.9 KVA											
TOTAL		40.4 KVA											

NEW WORK

PANEL NAME: (E) AH		LOCATION: KITCHEN ATTIC		PANEL TYPE: <input type="checkbox"/> PANEL BOARD <input checked="" type="checkbox"/> LOAD CENTER									
VOLTAGE: 240		BUS RATING: 100		1 PHASE 2 WIRE + GND.									
SHORT CIR RATING: 10 KAIC		BUS TYPE: <input type="checkbox"/> COPPER <input checked="" type="checkbox"/> ALUMINUM		ENCLOSURE TYPE: NEMA 1									
O.C. DEVICES: <input type="checkbox"/> BOLT-ON <input checked="" type="checkbox"/> PLUG-ON		DEVICE FAMILY:		<input type="checkbox"/> SUB-FEED CIRCUIT BREAKER									
DESCRIPTION	LTG	VOLT	AMPS	BRK.	CKT NO.	BUS CONN.	CKT NO.	BRK.	VOLT	AMPS	BRK.	CKT NO.	DESCRIPTION
ATTIC SERVICE RECEPT	X	240	20	1	1								
AH1	X	900	15	2	2								
AH2	X	900	15	4	4								
AH3	X	900	15	6	6								
AH3	X	900	15	6	6								
AH3	X	900	15	6	6								
SPACE				7	7								
SPACE				8	8								
TOTALS		2940	2700										
BUS A		3.0 KVA											
BUS B		2.7 KVA											
TOTAL		5.7 KVA											

NEW WORK

PANEL NAME: (E) AC1		LOCATION: PATIO		PANEL TYPE: <input checked="" type="checkbox"/> PANEL BOARD <input type="checkbox"/> LOAD CENTER									
VOLTAGE: 240/120		BUS RATING: 125		3 PHASE 4 WIRE + GND.									
SHORT CIR RATING: _____		BUS TYPE: <input type="checkbox"/> COPPER <input checked="" type="checkbox"/> ALUMINUM		ENCLOSURE TYPE: NEMA 3R									
O.C. DEVICES: <input type="checkbox"/> BOLT-ON <input checked="" type="checkbox"/> PLUG-ON		DEVICE FAMILY:		<input type="checkbox"/> SUB-FEED CIRCUIT BREAKER - SEE ONE LINE									
DESCRIPTION	LTG	VOLT	AMPS	BRK.	CKT NO.	BUS CONN.	CKT NO.	BRK.	VOLT	AMPS	BRK.	CKT NO.	DESCRIPTION
HP1	X	4008	40	1	2	30	3456	X	X	X	2	30	HP3
HP1	X	4008	40	3	4	30	3456	X	X	X	4	30	HP3
HP2	X	4008	40	5	6	30	2700	X	X	X	6	30	AH SUB
HP2	X	4008	40	7	8	30	2700	X	X	X	8	30	AH SUB
SPACE				9	10						10		SPACE
SPACE				11	12						12		SPACE
TOTALS		8016	4008	4008			6156	3456	2700				
BUS A		14.2 KVA											
BUS B		7.5 KVA											
BUS C		6.8 KVA											
TOTAL		28.5 KVA											

'B' PHASE HIGH-LEG

CONST PANELS

PANEL NAME: KIT		LOCATION: KIT #2		PANEL TYPE: <input checked="" type="checkbox"/> PANEL BOARD <input type="checkbox"/> LOAD CENTER									
VOLTAGE: 120/240		BUS RATING: 200		1 PHASE 3 WIRE + GND.									
SHORT CIR RATING: 10 KAIC		BUS TYPE: <input checked="" type="checkbox"/> COPPER <input type="checkbox"/> ALUMINUM		ENCLOSURE TYPE: NEMA 1									
O.C. DEVICES: <input checked="" type="checkbox"/> BOLT-ON <input type="checkbox"/> PLUG-ON		DEVICE FAMILY:		<input type="checkbox"/> SUB-FEED CIRCUIT BREAKER									
DESCRIPTION	LTG	VOLT	AMPS	BRK.	CKT NO.	BUS CONN.	CKT NO.	BRK.	VOLT	AMPS	BRK.	CKT NO.	DESCRIPTION
REFER (EQ-4A)	X	253	20	1	2	20	360	X	X	X	2	20	GFI RECPT.
REFER (EQ-4B)	X	253	20	3	4	20	360	X	X	X	4	20	GFI RECPT.
REFER (EQ-10)	X	748	20	5	6	20	544	X	X	X	6	20	FREEZER (EQ-5)
GFI RECPT.	X	360	20	7	8	20	1200	X	X	X	8	20	MICROWAVE (EQ-11)
EF-1 HOOD	X	2568	30	9	10	20	924	X	X	X	10	20	CONVECTION OVEN (EQ-9)
EF-1 HOOD	X	2568	30	11	12	20	0	X	X	X	12	20	CKT 10 - SHUNT TRIP
MAU-1	X	2568	30	13	14	20	550	X	X	X	14	20	HOOD CONTROLS
MAU-1	X	2568	30	15	16	20	550	X	X	X	16	20	LIGHTS
CIRC PUMP	X	100	20	17	18	20	360	X	X	X	18	20	OUTDOOR KIT PLUGS
WATER HEATER	X	1500	20	19	20	20	360	X	X	X	20	20	OUTDOOR KIT PLUGS
GFI RECPT.	X	360	20	21	22	20	360	X	X	X	22	20	OUTDOOR KIT PLUGS
GFI RECPT.	X	360	20	23	24	20	360	X	X	X	24	20	OUTDOOR KIT LIGHTS
SPACE				25	26						26		SPACE
SPACE				27	28						28		SPACE
SPACE				29	30						30		SPACE
SPACE				31	32						32		SPACE
SPACE				33	34						34		SPACE
SPACE				35	36						36		SPACE
SPACE				37	38						38		SPACE
SPACE				39	40						40		SPACE
TOTALS		6597	7609				3098	2830					
BUS A		9.7 KVA											
BUS B		10.5 KVA											
TOTAL		20.2 KVA											

NEW WORK

REVISIONS	BY
△ PLAN CK 1	DGS
08-05-24	
△ UPDATE HOOD	DGS
ELECT 01-21-25	

DAVCO ASSOCIATES (408) 778-2525
 architecture
 planning
 consultation
 P.O. Box 1621
 Morgan Hill, CA 95038

KITCHEN REMODEL
 VETERAN'S HALL
 SOUTH SANTA CLARA VALLEY MEMORIAL DISTRICT
 74 WEST SIXTH ST.
 GILROY, CA



PROPRIETARY DATA

THE USE OF THE PLANS AND SPECIFICATIONS IS RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY WERE PREPARED, AND PUBLICATION THEREOF IS EXPRESSLY LIMITED TO SUCH USE. REUSE, REPRODUCTION OR PUBLICATION BY ANY METHOD IN WHOLE OR IN PART IS PROHIBITED. TITLE TO THE PLANS AND SPECIFICATIONS REMAINS WITH CENTRAL PACIFIC ENGINEERING, INC. WHETHER THE PROJECT FOR WHICH THE PLANS AND SPECIFICATIONS IS EXECUTED OR NOT, AND VISUAL CONTACT WITH THEM CONSTITUTES PRIMA FACIE EVIDENCE OF THE ACCEPTANCE OF THESE RESTRICTIONS. CENTRAL PACIFIC ENGINEERING, INC. COPYRIGHT 2024



DRAWN
CHECKED
DATE
SCALE
AS NOTED
JOB NO.
SHEET

E5.10

BASIC ELECTRICAL REQUIREMENTS
SECTION 260000

1. PART 1 GENERAL
- 1.1 SECTION INCLUDES
- A. BASIC ELECTRICAL REQUIREMENTS SPECIFICALLY APPLICABLE TO DIVISION 16 SECTIONS, IN ADDITION TO DIVISION 1 - GENERAL REQUIREMENTS.
- B. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS TOOLS, TRANSPORTATION, EQUIPMENT, SERVICES, AND FACILITIES REQUIRED FOR THE COMPLETE AND PROPER INSTALLATION OF ALL ELECTRICAL WORK SHOWN ON THE DRAWINGS AND/OR OUTLINED IN THESE SPECIFICATIONS. WORK SHALL INCLUDE ALL MATERIALS, APPLIANCES, AND APPARATUS NOT SPECIFICALLY MENTIONED HEREIN OR NOTED ON THE PLANS BUT NECESSARY TO MAKE A COMPLETE WORKING INSTALLATION OF ALL ELECTRICAL SYSTEMS SHOWN OR DESCRIBED HEREIN.
- 1.2 WORK SEQUENCE
- A. INSTALL WORK IN STAGES DURING THE CONSTRUCTION PERIOD AND COORDINATE ELECTRICAL SCHEDULE AND OPERATIONS WITH OTHER CONTRACTORS DOING WORK OF VARIOUS TRADES EMPLOYED IN CONSTRUCTION OF THE BUILDING. REFER TO CONSTRUCTION DRAWINGS AND SPECIFICATIONS FOR DETAILS.
- 1.3 SUBMITTALS
- A. SUBMITTAL PROCEDURES
- SCHEDULE SUBMITTALS TO EXPEDITE THE PROJECT, AND DELIVER TO ARCHITECT/ENGINEER AT BUSINESS ADDRESS.
 - IDENTIFY VARIATIONS FROM CONTRACT DOCUMENTS AND PRODUCT OR SYSTEM LIMITATIONS, THAT MAY BE DETRIMENTAL TO SUCCESSFUL PERFORMANCE OF THE COMPLETED WORK.
 - SUBMITTALS SHALL BE MARKED AND / OR HIGHLIGHTED TO IDENTIFY SPECIFIC PRODUCTS BEING SUPPLIED AND/OR INSTALLED. THE MARKING SHALL MAKE REFERENCE TO REFERENCE TO THE CORRESPONDING EQUIPMENT THAT THE MATERIAL IS RELATED TO. EXAMPLE: A SUBMITTAL FOR DISCONNECT SWITCH WOULD HAVE THE MECHANICAL REFERENCE "EP-1", "SP-5" PLACED ON THE SUBMITTAL SHEET.
- WHERE BEING SUPPLIED AND/OR INSTALLED ON THE PROJECT SUBMIT ON THE FOLLOWING ITEMS:
- A. GROUND ROD, GROUND CLAMPS
B. OVERHEAD WIREWAY AND MOUNTING HARDWARE
C. DISCONNECT SWITCHES
D. MOTOR STARTERS
E. COMBINATION MOTOR STARTER DISCONNECT SWITCHES
F. FUSES
G. PLUGS, SWITCHES AND COVER PLATES
H. TRANSFORMERS
I. WIRE
J. WIRE PULLING LUBRICANT
K. WIREMOLD RACEWAY, COVER PLATES, DEVICE MOUNTING HARDWARE, FITTINGS
L. CONDUIT
M. CONDUIT FITTINGS, CONNECTORS AND COUPLINGS - WEATHERPROOF AND NON-WEATHERPROOF
N. WRENCHES
O. COMPRESSION CONNECTORS FOR CONDUCTORS
P. WRAPPING MATERIALS AND TAPE
Q. PANELS
R. CIRCUIT BREAKERS
S. ENCLOSED CIRCUIT BREAKERS
T. BOXES
U. STRUT, HANGERS, BRACKETS, MOUNTING HARDWARE
- 1.4 QUALITY CONTROL
- A. QUALITY ASSURANCE/CONTROL OF INSTALLATION
- MONITOR QUALITY CONTROL OVER SUPPLIERS, MANUFACTURERS, PRODUCTS, SERVICES, SITE CONDITIONS, AND WORKMANSHIP, TO PRODUCE WORK OF SPECIFIED QUALITY.
 - COMPLY FULLY WITH MANUFACTURER'S INSTRUCTIONS, INCLUDING EACH STEP IN SEQUENCE.
 - COMPLY WITH SPECIFIED STANDARDS AS A MINIMUM QUALITY FOR THE WORK EXCEPT WHEN MORE STRINGENT TOLERANCES, CODES, OR SPECIFIED REQUIREMENTS INDICATE HIGHER STANDARDS OR MORE PRECISE WORKMANSHIP.
- 1.5 SAFETY AND INDEMNITY
- A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING, MAINTAINING AND SUPERVISING ALL NECESSARY SAFETY PRECAUTIONS WHICH WILL INSURE AGAINST INJURY TO PERSONS OR DAMAGE TO PROPERTY AS A RESULT OF ANY OF HIS WORK, TOOLS OR EQUIPMENT ON OR OFF THE PROJECT, BEFORE, DURING OR AFTER NORMAL WORKING HOURS. NO DRAWING REVIEW, CONSTRUCTION REVIEW OR ANY OTHER ACT OR SERVICE RENDERED BY THE OWNER, ENGINEER, THEIR EMPLOYEES OR CONSULTANTS SHALL BE CONSTRUED TO APPROVE OR JUDGE UPON THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES.
- B. THE CONTRACTOR SHALL HOLD HARMLESS, INDEMNIFY AND DEFEND THE OWNER, ENGINEER, THEIR EMPLOYEES AND CONSULTANTS FROM ANY AND ALL LIABILITY CLAIMS, LOSSES OR DAMAGE ARISING OR ALLEGED TO ARISE FROM THE PERFORMANCE OF THE WORK DESCRIBED HEREIN, BUT NOT INCLUDING THE SOLE NEGLIGENCE OF THE OWNER, ENGINEER, THEIR EMPLOYEES OR CONSULTANTS.
- 1.6 MATERIALS AND EQUIPMENT
- A. PRODUCTS
- PRODUCTS: MEANS NEW MATERIAL, MACHINERY, COMPONENTS, EQUIPMENT, FIXTURES, AND SYSTEMS FORMING THE WORK DOES NOT INCLUDE MACHINERY AND EQUIPMENT USED FOR PREPARATION, FABRICATION, CONVEYING AND ERECTION OF THE WORK. PRODUCTS MAY ALSO INCLUDE EXISTING MATERIALS OR COMPONENTS REQUIRED FOR REUSE.
 - DO NOT USE MATERIALS AND EQUIPMENT REMOVED FROM EXISTING PREMISES, EXCEPT AS SPECIFICALLY PERMITTED BY THE CONTRACT DOCUMENTS.
- B. SUBSTITUTIONS
- THE ENGINEER WILL CONSIDER REQUESTS FOR SUBSTITUTIONS ONLY WITHIN 15 DAYS AFTER DATE OF OWNER-CONTRACTOR AGREEMENT.
 - SUBSTITUTIONS MAY BE CONSIDERED WHEN A PRODUCT BECOMES UNAVAILABLE THROUGH NO FAULT OF THE CONTRACTOR.
 - DOCUMENT EACH REQUEST WITH COMPLETE DATA SUBSTANTIATING COMPLIANCE OF PROPOSED SUBSTITUTION WITH CONTRACT DOCUMENTS.
- C. DELIVERY, STORAGE, AND HANDLING
- DELIVER, STORE, PROTECT, AND HANDLE PRODUCTS TO SITE.
- 1.7 CONTRACT CLOSEOUT
- A. CLOSEOUT PROCEDURES
- SUBMIT WRITTEN CERTIFICATION THAT CONTRACT DOCUMENTS HAVE BEEN REVIEWED, WORK HAS BEEN INSPECTED, AND THAT WORK IS COMPLETE IN ACCORDANCE WITH CONTRACT DOCUMENTS AND READY FOR ENGINEER'S INSPECTION.
- B. FINAL CLEANING
- EXECUTE FINAL CLEANING PRIOR TO FINAL INSPECTION.
 - CLEAN EQUIPMENT AND FIXTURES TO A SANITARY CONDITION.
 - REMOVE WASTE AND SURPLUS MATERIALS, RUBBISH, AND CONSTRUCTION FACILITIES FROM THE SITE.
- 1.8 REGULATORY REQUIREMENTS
- A. CONFORM TO APPLICABLE UNIFORM BUILDING CODE.
B. CONFORM TO NFPA 70.
C. CONFORM TO LOCAL ORDINANCES AND REGULATIONS.

- D. OBTAIN PERMITS, AND REQUEST INSPECTIONS FROM AUTHORITY HAVING JURISDICTION.
- E. FURNISH PRODUCTS LISTED AND CLASSIFIED BY UNDERWRITERS LABORATORIES, INC. AND TESTING FIRM ACCEPTABLE TO AUTHORITY HAVING JURISDICTION AS SUITABLE FOR PURPOSE SPECIFIED AND SHOWN.
- F. SHOULD THERE BE ANY CONFLICTS BETWEEN THE DRAWINGS, SPECIFICATIONS, OR REGULATORY REQUIREMENTS, THE MOST STRINGENT CONDITION SHALL GOVERN, UNLESS APPROVED BY THE ENGINEER.
- G. FURNISH WITHOUT EXTRA CHARGE ADDITIONAL MATERIALS AND LABOR WHICH MAY BE REQUIRED FOR COMPLIANCE WITH THESE LAWS, RULES AND REGULATIONS EVEN THOUGH THE WORK IS NOT MENTIONED IN THESE SPECIFICATIONS OR SHOWN ON THE DRAWINGS.
- 1.9 PROJECT/SITE CONDITIONS
- A. INSTALL WORK IN LOCATIONS SHOWN ON DRAWINGS, UNLESS PREVENTED BY PROJECT CONDITIONS.
- B. PREPARE DRAWINGS SHOWING PROPOSED REARRANGEMENT OF WORK TO MEET PROJECT CONDITIONS, INCLUDING CHANGES TO WORK SPECIFIED IN OTHER SECTIONS. OBTAIN PERMISSION OF ENGINEER BEFORE PROCEEDING.
2. PART 2 PRODUCTS
- 2.1 CONDUIT REQUIREMENTS
- A. MINIMUM SIZE: 1/2 INCH UNLESS OTHERWISE SPECIFIED.
- B. UNDERGROUND INSTALLATIONS:
- USE PVC SCH 40 NONMETALLIC CONDUIT.
 - MINIMUM SIZE: 3/4 INCH.
- C. OUTDOOR LOCATIONS, ABOVE GRADE:
- EXPOSED: USE RIGID GALVANIZED STEEL CONDUIT.
 - CONCEALED: USE PVC SCH 40 NONMETALLIC CONDUIT.
- D. IN SLAB:
- USE PVC SCH 40 NONMETALLIC CONDUIT.
 - MINIMUM SIZE CONDUIT IN SLAB: 3/4 INCH, UNLESS OTHERWISE SPECIFIED.
 - MAXIMUM SIZE CONDUIT IN SLAB: 1 INCH, UNLESS OTHERWISE SPECIFIED.
- E. WET AND DAMP LOCATIONS:
- EXPOSED: USE RIGID GALVANIZED STEEL CONDUIT.
 - CONCEALED: USE PVC SCH 40 NONMETALLIC CONDUIT.
- F. INDOOR DRY LOCATIONS:
- CONCEALED: USE RIGID GALVANIZED STEEL CONDUIT, ELECTRICAL METALLIC TUBING, PVC SCH 40 NONMETALLIC CONDUIT.
 - EXPOSED: USE RIGID GALVANIZED STEEL CONDUIT, AND ELECTRICAL METALLIC TUBING.
- 2.2 BUILDING WIRE AND CABLE
- A. DESCRIPTION: SINGLE CONDUCTOR INSULATED STRANDED WIRE.
- CONDUCTOR: COPPER.
 - INSULATION VOLTAGE RATING: 600 VOLTS.
 - INSULATION: ANSIN/PA 70, TYPE TH/NH/WH.
 - SIZE: 12 AWG, MINIMUM UNLESS OTHERWISE NOTED.
- B. DESCRIPTION: FLEXIBLE METAL CLAD CABLE "MC"
- CONDUCTOR: SOLID/ STRANDED COPPER.
 - VOLTAGE RATING: 600 VOLTS.
 - TEMPERATURE RATINGS: 90 DEGREE C, (DRY)
 - CONDUCTOR INSULATION: ANSIN/PA 70, TYPE TH/NH/WH.
 - CONDUCTOR SIZE: 12 AWG, WITH 10 AWG NEU. FOR SHARED NEUTRAL MINIMUM UNLESS OTHERWISE NOTED.
 - ASSEMBLY COVERING: NYLON TYPE ARMOR: GALVANIZED OR ALUMINUM STEEL
- 2.3 OUTLET BOXES
- A. SHEET METAL OUTLET BOXES: ANSINEMA OS 1, GALVANIZED STEEL.
- LUMINAIRE AND EQUIPMENT SUPPORTING BOXES: RATED FOR WEIGHT OF EQUIPMENT SUPPORTED.
- B. NONMETALLIC OUTLET BOXES: ANSINEMA OS 2.
- C. CAST BOXES: NEMA FB 1, TYPE FD, GALVANIZED STEEL. PROVIDE GASKETED COVER BY BOX MANUFACTURER. PROVIDE THREADED HUBS.
- 2.4 PULL AND JUNCTION BOXES
- A. SHEET METAL BOXES: NEMA OS 1, GALVANIZED STEEL.
- B. SURFACE-MOUNTED CAST METAL BOX: NEMA 250, TYPE 4; FLAT-FLANGED, SURFACE-MOUNTED JUNCTION BOX.
- MATERIAL: CAST GALVANIZED STEEL.
 - COVER: FURNISH WITH GROUND FLANGE, NEOPRENE GASKET, AND STAINLESS STEEL COVER SCREWS.
- 2.5 WALL SWITCHES
- A. MANUFACTURERS:
- LEVITON: SPECIFICATION GRADE.
- B. DESCRIPTION: HEAVY-DUTY, AC ONLY GENERAL-USE SWITCH.
- C. DEVICE BODY: WHITE PLASTIC WITH "STANDARD" HANDLE.
- D. VOLTAGE RATING: 120-277 VOLTS, AC.
- E. CURRENT RATING: 20 AMPERES.
- 2.6 RECEPTACLES
- A. MANUFACTURERS:
- SLATER, MODEL: MEDALIST.
- B. DESCRIPTION: HEAVY-DUTY, RECEPTACLE - COMMERCIAL UNITS
- C. DEVICE BODY: WHITE PLASTIC.
- D. CONFIGURATION: TYPE AS SPECIFIED AND INDICATED.
- E. CONVENIENCE RECEPTACLE: TYPE 5-20R.
- F. GFI RECEPTACLE: CONVENIENCE RECEPTACLE WITH INTEGRAL GROUND FAULT CIRCUIT INTERRUPTER TO MEET REGULATORY REQUIREMENTS, WITH LED STATUS INDICATOR LIGHT.
- 2.7 WALL PLATES
- A. DECORATIVE COVER PLATE: WHITE SMOOTH PLASTIC.
- LEVITON.
- B. WEATHERPROOF COVER PLATE: GASKETED IN USE TYPE WITH METAL HINGED GASKETED DEVICE COVER.
- 2.8 CORDS AND CAPS
- A. MANUFACTURERS:
- APPLETON
 - HUBBELL
 - SLATER
 - ARROW-HART
- B. ATTACHMENT PLUG CONSTRUCTION: CONFORM TO NEMA.
- C. CONFIGURATION: MATCH RECEPTACLE CONFIGURATION AT OUTLET PROVIDED FOR EQUIPMENT.
- D. CORD CONSTRUCTION: MULTICONDUCTOR FLEXIBLE CORD WITH IDENTIFIED EQUIPMENT GROUNDING CONDUCTOR, SUITABLE FOR USE IN DAMP LOCATIONS.
- E. SIZE: SUITABLE FOR CONNECTED LOAD OF EQUIPMENT, LENGTH OF CORD, AND RATING OF BRANCH CIRCUIT OVERCURRENT PROTECTION.
- 2.9 SUPPORTING DEVICES
- A. MATERIALS AND FINISHES: PROVIDE ADEQUATE CORROSION RESISTANCE.
- B. PROVIDE MATERIALS, SIZES, AND TYPES OF ANCHORS, FASTENERS AND SUPPORTS TO CARRY THE LOADS OF EQUIPMENT AND CONDUIT. CONSIDER WEIGHT OF WIRE IN CONDUIT WHEN SELECTING PRODUCTS.

- C. ANCHORS AND FASTENERS:
- CONCRETE STRUCTURAL ELEMENTS: USE PRECAST INSERT SYSTEM, EXPANSION ANCHORS, POWDER ACTUATED ANCHORS AND PRESET INSERTS.
 - CONCRETE SURFACES: USE SELF-DRILLING ANCHORS AND EXPANSION ANCHORS.
 - HOLLOW MASONRY, PLASTER, AND GYPSUM BOARD PARTITIONS: USE TOGGLE BOLTS AND HOLLOW WALL FASTENERS.
 - SOLID MASONRY WALLS: USE EXPANSION ANCHORS AND PRESET INSERTS.
 - SHEET METAL: USE SHEET METAL SCREWS.
 - WOOD ELEMENTS: USE WOOD SCREWS.
- 2.10 NAMEPLATES AND LABELS
- A. NAMEPLATES: INSTALL THREE-LAYER LAMINATED PLASTIC, WHITE LETTERS ON BLACK BACKGROUND.
- B. LOCATIONS:
- EACH ELECTRICAL DISTRIBUTION AND CONTROL EQUIPMENT ENCLOSURE.
- C. LETTER SIZE:
- USE 1/4 INCH (6 MM) LETTERS FOR IDENTIFYING INDIVIDUAL EQUIPMENT AND LOADS.
- D. LABELS: EMBOSSED ADHESIVE TAPE, WITH 3/16 INCH (5 MM) WHITE LETTERS ON BLACK BACKGROUND. USE ONLY FOR IDENTIFICATION OF INDIVIDUAL WALL SWITCHES AND RECEPTACLES.
- 2.11 WIRE MARKERS
- A. DESCRIPTION: CLOTH, TAPE, SPLIT SLEEVE, OR TUBING TYPE WIRE MARKERS.
- B. LOCATIONS: EACH CONDUCTOR AT PANELBOARD GUTTERS, PULL BOXES, OUTLET AND JUNCTION BOXES, AND EACH LOAD CONNECTION.
- C. LEGEND:
- POWER AND LIGHTING CIRCUITS: BRANCH CIRCUIT OR FEEDER NUMBER INDICATED ON DRAWINGS.
 - CONTROL CIRCUITS: CONTROL WIRE NUMBER INDICATED ON SCHEMATIC AND INTERCONNECTION DIAGRAMS ON DRAWINGS/ SHOP DRAWINGS.
- 2.12 PANELBOARDS/LOADCENTERS (AS SCHEDULED)
- A. MANUFACTURE:
- SQUARE "D"
 - CUTLER-HAMMER
 - SIEMENS
 - GENERAL ELECTRIC.
- B. ENCLOSURE: GENERAL PURPOSE, NEMA 1; UNLESS OTHERWISE NOTED.
- C. PROVIDE FLUSH SURFACE (AS SCHEDULED) BOX, AND LATCH ON DOOR. FINISH IN MANUFACTURER'S STANDARD GRAY ENAMEL.
- D. PROVIDE BUS RATINGS AND MATERIALS AS SCHEDULED.
- E. MINIMUM INTEGRATED SHORT CIRCUIT RATING: 10,000 AMPERES RMS SYMMETRICAL.
- F. MOLDED ENCL. CIRCUIT BREAKERS: 50LT-ON/PLUG-ON (AS SCHEDULED) TYPE THERMAL MAGNETIC TRIP CIRCUIT BREAKERS, WITH COMMON TRIP HANDLE FOR ALL POLES. PROVIDE UL CLASS A GROUND FAULT INTERRUPTER CIRCUIT BREAKERS WHERE SCHEDULED.
- G. DO NOT USE TANDEM CIRCUIT BREAKERS.
- 2.13 LUMINAIRES
- A. FURNISH PRODUCTS AS SPECIFIED IN SCHEDULE ON DRAWINGS.
- B. SUBSTITUTIONS: UNDER PROVISIONS OF THE CONTRACT.
- C. INSTALL DRIVERS, LEDS, AND SPECIFIED ACCESSORIES AT FACTORY.
- D. SPECIFY AN IN-LINE DISCONNECT TO MEET NEC. FURTHER REQUIRE THAT THE LIGHTING MANUFACTURER PROVIDE A "WIRE NUT" CONNECTION ON THE LOAD SIDE OF THE DISCONNECT TO FACILITATE LIGHT FIXTURE SERVICING.
- E. COLOR TEMPERATURE & CRI: 3500K, CRI ≥ 80.
- F. LED DRIVERS SHALL HAVE THE FOLLOWING CHARACTERISTICS (UNLESS APPROVED BY ENGINEER):
- MAXIMUM DRIVE CURRENT: 350MA.
 - MINIMUM EFFICIENCY: 85%.
 - OPERATING TEMPERATURE RANGE: -40°C TO 50°C.
 - MINIMUM RATED LIFE: 50,000 HOURS.
 - DIMMING RANGE: 100% TO 10%
 - UL CLASS OR I OUTPUT.
 - POWER FACTOR: 90%.
 - TOTAL HARMONIC DISTORTION: 20%.
 - COMPLY WITH FCC 47 CFR PART 15 NON-CONSUMER RF/EMI STANDARDS.
- G. ACCESSORIES: PROVIDE LUMINAIRE ACCESSORIES AS INDICATED.
- 2.14 ENCLOSED SWITCHES
- A. FUSIBLE SWITCH ASSEMBLIES: NEMA 1 - INDOOR, NEMA 3R - OUTDOOR, TYPE HD (HEAVY DUTY) LOAD INTERRUPTER ENCLOSED KNIFE SWITCH WITH EXTERNALLY OPERABLE HANDLE INTERLOCKED TO PREVENT OPENING FRONT COVER WITH SWITCH IN ON POSITION. HANDLE LOCKABLE IN OFF POSITION. FUSE CLIPS: DESIGNED TO ACCOMMODATE CLASS R FUSES.
- B. NONFUSIBLE SWITCH ASSEMBLIES: NEMA 1 - INDOOR, NEMA 3R - OUTDOOR, TYPE HD LOAD INTERRUPTER ENCLOSED KNIFE SWITCH WITH EXTERNALLY OPERABLE HANDLE INTERLOCKED TO PREVENT OPENING FRONT COVER WITH SWITCH IN ON POSITION. HANDLE LOCKABLE IN OFF POSITION.
- 2.15 FUSES
- A. MANUFACTURERS:
- BUSSMAN.
 - QUILD - SCHAWMUT.
- B. DESCRIPTION: DUAL ELEMENT CURRENT LIMITING, ONE-TIME FUSE, 250 OR 600 VOLT AS APPLICATION REQUIRES.
- C. INTERRUPTING RATING: 200,000 RMS AMPERES.

3. PART 3 EXECUTION
- 3.1 CONDUIT
- A. INSTALL CONDUIT IN ACCORDANCE WITH NECA "STANDARD OF INSTALLATION".
- B. ARRANGE CONDUIT TO MAINTAIN HEADROOM AND PRESENT NEAT APPEARANCE.
- C. ROUTE CONDUIT PARALLEL AND PERPENDICULAR TO WALLS.
- D. MAINTAIN 12 INCH (300 MM) CLEARANCE BETWEEN CONDUIT AND SURFACES WITH TEMPERATURES EXCEEDING 104 DEGREES F (40 DEGREES C).
- E. CUT CONDUIT SQUARE USING SAW OR PIPECUTTER; DE-BURR CUT ENDS.
- F. BRING CONDUIT TO SHOULDER OF FITTINGS; FASTEN SECURELY.
- G. JOIN NON-METALLIC CONDUIT USING CEMENT AS RECOMMENDED BY MANUFACTURER. WIRE NONMETALLIC CONDUIT DRY AND CLEAN BEFORE JOINING. APPLY FULL EVEN COAT OF CEMENT TO ENTIRE AREA INSERTED IN FITTING. ALLOW JOINT TO CURE FOR 20 MINUTES, MINIMUM.
- H. USE CONDUIT HUBS OR SEALING LOCKNUTS TO FASTEN CONDUIT TO SHEET METAL BOXES IN DAMP AND WET LOCATIONS AND TO CAST BOXES.
- I. INSTALL NO MORE THAN EQUIVALENT OF THREE 90-DEGREE BENDS BETWEEN BOXES. USE CONDUIT BODIES TO MAKE SHARP CHANGES IN DIRECTION, AS AROUND BEAMS. USE HYDRAULIC ONE-SHOT BENDER TO FABRICATE FACTORY ELBOWS FOR BENDS IN METAL CONDUIT LARGER THAN 2 INCH (50 MM) SIZE.
- 3.2 BUILDING WIRE & CABLE
- A. PULL ALL CONDUCTORS INTO RACEWAY AT SAME TIME.
- B. USE SUITABLE WIRE PULLING LUBRICANT FOR BUILDING WIRE.
- C. USE SUITABLE CABLE FITTINGS AND CONNECTORS.
- D. NEATLY TRAIN AND LACE WIRING INSIDE BOXES, EQUIPMENT, AND PANELBOARDS.
- E. CLEAN CONDUCTOR SURFACES BEFORE INSTALLING LUGS AND CONNECTORS.
- F. MAKE SPLICES, TAPS, AND TERMINATIONS TO CARRY FULL AMPACITY OF CONDUCTORS WITH NO PERCEPTIBLE TEMPERATURE RISE.
- G. USE COMPRESSION CONNECTORS FOR COPPER CONDUCTOR SPLICES AND TAPS, 8 AWG AND LARGER. TAPE UNINSULATED CONDUCTORS AND CONNECTOR WITH ELECTRICAL TAPE TO 150 PERCENT OF INSULATION RATING OF CONDUCTOR.
- H. USE INSULATED SPRING WIRE CONNECTORS WITH PLASTIC CAPS FOR COPPER CONDUCTOR SPLICES AND TAPS, 10 AWG AND SMALLER.
- I. BRANCH CIRCUIT WIRING MAXIMUM 30 AMPS, MAY BE FLEXIBLE METAL CLAD CABLE "MC" OR METAL WHERE CONCEALED IN WOOD FRAMED SPACES, ALL OTHER WIRING, INCLUDING LOW-VOLTAGE WIRING, SHALL BE INSTALLED IN CONDUIT.
- 3.3 BOXES
- A. INSTALL ELECTRICAL BOXES AS SHOWN ON DRAWINGS, AND AS REQUIRED FOR SPLICES, TAPS, WIRE PULLING, EQUIPMENT CONNECTIONS AND COMPLIANCE WITH REGULATORY REQUIREMENTS.
- B. INSTALL ELECTRICAL BOXES TO MAINTAIN HEADROOM AND TO PRESENT NEAT MECHANICAL APPEARANCE.
- C. INSTALL BOXES TO PRESERVE FIRE RESISTANCE RATING OF PARTITIONS AND OTHER ELEMENTS, USING MATERIALS AND METHODS UNDER THE PROVISIONS IN THE SPECIFICATIONS.
- D. SUPPORT BOXES INDEPENDENTLY OF CONDUIT EXCEPT CAST BOX THAT IS CONNECTED TO TWO RIGID METAL CONDUITS BOTH SUPPORTED WITHIN 12 INCHES (300 MM) OF BOX.
- E. USE GANG BOX WHERE MORE THAN ONE DEVICE IS MOUNTED TOGETHER. DO NOT USE SECTIONAL BOX.
- F. USE GANG BOX WITH PLASTER RING FOR SINGLE DEVICE OUTLETS.
- G. USE CAST OUTLET BOX IN EXTERIOR LOCATIONS EXPOSED TO THE WEATHER AND WET LOCATIONS.
- 3.4 WIRING DEVICES
- A. INSTALL PRODUCTS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
- B. INSTALL DEVICES PLUMB AND LEVEL.
- C. INSTALL SWITCHES WITH OFF POSITION DOWN.
- D. INSTALL RECEPTACLES WITH GROUNDING POLE ON BOTTOM.
- E. CONNECT WIRING DEVICE GROUNDING TERMINAL TO OUTLET BOX WITH BONDING JUMPER AND BRANCH CIRCUIT EQUIPMENT GROUNDING CONDUCTOR WHEN INSTALLED PER DRAWINGS.
- F. CONNECT WIRING DEVICES BY WRAPPING CONDUCTOR AROUND SCREW TERMINAL.
- G. COORDINATE LOCATIONS OF OUTLET BOXES TO OBTAIN MOUNTING HEIGHTS SPECIFIED AND INDICATED ON DRAWINGS.
- H. INSTALL WALL SWITCH 48 INCHES (1.2 M) ABOVE FINISHED FLOOR, UNLESS OTHERWISE NOTED.
- I. INSTALL CONVENIENCE RECEPTACLE 15 INCHES (381 MM) ABOVE FINISHED FLOOR, UNLESS OTHERWISE NOTED.
- J. INSTALL CONVENIENCE RECEPTACLE 6 INCHES (153 MM) ABOVE COUNTER, UNLESS OTHERWISE NOTED.
- 3.5 EQUIPMENT WIRING AND SYSTEMS
- A. MAKE ELECTRICAL CONNECTIONS IN ACCORDANCE WITH EQUIPMENT MANUFACTURER'S INSTRUCTIONS.
- B. MAKE CONDUIT CONNECTIONS TO EQUIPMENT USING FLEXIBLE CONDUIT. USE LIQUDTIGHT FLEXIBLE CONDUIT WITH WATERTIGHT CONNECTORS IN DAMP OR WET LOCATIONS.
- C. MAKE WIRING CONNECTIONS USING WIRE AND CABLE WITH INSULATION SUITABLE FOR TEMPERATURES ENCOUNTERED IN HEAT PRODUCING EQUIPMENT.
- D. INSTALL DISCONNECT SWITCHES, CONTROLLERS, CONTROL STATIONS, AND CONTROL DEVICES AS INDICATED.
- E. MOODY EQUIPMENT CONTROL WIRING WITH TERMINAL BLOCK JUMPERS AS INDICATED.
- F. PROVIDE INTERCONNECTING CONDUIT AND WIRING BETWEEN DEVICES AND EQUIPMENT WHERE INDICATED.
- 3.6 SUPPORTING DEVICES
- A. INSTALL PRODUCTS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
- B. PROVIDE ANCHORS, FASTENERS, AND SUPPORTS IN ACCORDANCE WITH NECA "STANDARD OF INSTALLATION".
- C. DO NOT FASTEN SUPPORTS TO PIPES, DUCTS, MECHANICAL EQUIPMENT, AND CONDUIT.
- D. OBTAIN PERMISSION FROM ARCHITECT/ENGINEER BEFORE DRILLING OR CUTTING STRUCTURAL MEMBERS.
- 3.7 ELECTRICAL IDENTIFICATION
- A. DECREASE AND CLEAN SURFACES TO RECEIVE NAMEPLATES AND LABELS.
- B. INSTALL NAMEPLATE AND LABEL PARALLEL TO EQUIPMENT LINES.
- C. SECURE NAMEPLATE TO EQUIPMENT FRONT USING SCREWS, OR RIVETS.
- 3.8 PANELBOARDS/LOADCENTERS (AS SCHEDULED)
- A. INSTALL PLUMB AND FLUSH WITH WALL FINISHES, IN CONFORMANCE WITH NEMA FB 1.
- B. HEIGHT: 6 FT (2 M), TO TOP OF BOX.
- C. PROVIDE FILLER PLATES FOR UNUSED SPACES.
- D. PROVIDE TYPED CIRCUIT DIRECTORY FOR EACH BRANCH CIRCUIT PANELBOARD/LOADCENTER. REVISE DIRECTORY TO REFLECT CIRCUITING CHANGES REQUIRED TO BALANCE PHASE LOADS.
- E. MEASURE STEADY STATE LOAD CURRENTS AT EACH PANELBOARD/LOADCENTERS FEEDER. SHOULD THE DIFFERENCE BETWEEN PHASES EXCEED 20 PERCENT, REARRANGE CIRCUITS IN THE PANELBOARD/LOADCENTER TO BALANCE THE PHASE LOADS

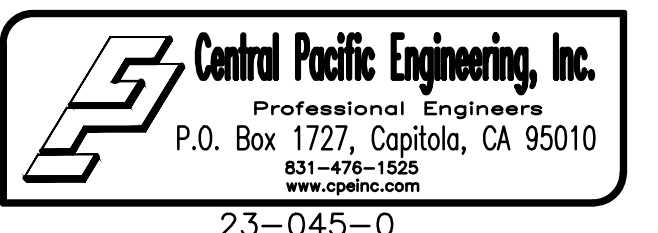
- WITHIN 20 PERCENT. TAKE CARE TO MAINTAIN PROPER PHASING FOR MULTI-WIRE BRANCH CIRCUITS.
- F. VISUAL AND MECHANICAL INSPECTION: INSPECT FOR PHYSICAL DAMAGE, PROPER ALIGNMENT, ANCHORING, AND GROUNDING. CHECK PROPER INSTALLATION AND TIGHTNESS OF CONNECTIONS FOR CIRCUIT BREAKERS, FUSIBLE SWITCHES, AND FUSES.
- 3.9 LUMINAIRES
- A. INSTALL IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.
- B. INSTALL SURFACE MOUNTED LUMINAIRES AND PLUMB AND ADJUST TO ALIGN WITH BUILDING LINES AND WITH EACH OTHER. SECURE TO PROHIBIT MOVEMENT.
- C. INSTALL WALL MOUNTED LUMINAIRES, AT HEIGHT AS INDICATED ON DRAWINGS.
- D. INSTALL SPECIFIED LAMPS / LED COLOR, OUTPUT AND DRIVERS IN EACH LUMINAIRE.
- E. CLEAN ELECTRICAL PARTS TO REMOVE CONDUCTIVE AND DELETERIOUS MATERIALS.
- F. REMOVE DIRT AND DEBRIS FROM ENCLOSURE.
- G. CLEAN PHOTOMETRIC CONTROL SURFACES AS RECOMMENDED BY MANUFACTURER.
- H. CLEAN FINISHES AND TOUCH UP DAMAGE.
- 3.10 ENCLOSED SWITCHES
- A. INSTALL DISCONNECT SWITCHES WHERE INDICATED.
- B. INSTALL FUSES IN FUSIBLE DISCONNECT SWITCHES.
- C. PROVIDE ADHESIVE LABEL ON INSIDE DOOR OF EACH SWITCH INDICATING UL FUSE CLASS AND SIZE FOR REPLACEMENT.
- END OF SECTION 260000

- SECTION 260500
- MINOR ELECTRICAL DEMOLITION FOR REMODELING
- PART I - GENERAL
- 1.01 SECTION INCLUDES:
- A. ELECTRICAL DEMOLITION.
- PART II - PRODUCTS
- 2.01 MATERIALS AND EQUIPMENT:
- A. MATERIALS AND EQUIPMENT FOR PATCHING AND EXTENDING WORK: AS IN INDIVIDUAL SECTIONS.
- PART III - EXECUTION
- 3.01 EXAMINATION:
- A. VERIFY FIELD MEASUREMENTS AND CIRCUITING ARRANGEMENTS ARE AS SHOWN ON DRAWINGS.
- B. VERIFY THAT ABANDONED WIRING AND EQUIPMENT SERVE ONLY ABANDONED FACILITIES.
- C. DEMOLITION IS BASED ON CASUAL FIELD OBSERVATION. REPORT DISCREPANCIES TO ARCHITECT/ENGINEER BEFORE DISTURBING EXISTING INSTALLATION.
- D. BEGINNING OF DEMOLITION MEANS INSTALLER ACCEPTS EXISTING CONDITIONS.
- 3.02 PREPARATION:
- A. DISCONNECT ELECTRICAL SYSTEMS IN WALLS, FLOORS, AND CEILINGS SCHEDULED FOR REMOVAL.
- B. PROVIDE TEMPORARY WIRING AND CONNECTIONS TO MAINTAIN EXISTING SYSTEMS IN SERVICE DURING CONSTRUCTION. WHEN WORK MUST BE PERFORMED ON ENERGIZED EQUIPMENT OR CIRCUITS, USE PERSONNEL EXPERIENCED IN SUCH OPERATIONS.
- C. EXISTING ELECTRICAL SERVICE: MAINTAIN EXISTING SYSTEM IN SERVICE UNTIL NEW SYSTEM IS COMPLETE AND READY FOR SERVICE. DISABLE SYSTEM ONLY TO MAKE SWITCHOVERS AND CONNECTIONS. OBTAIN PERMISSION FROM OWNER AT LEAST 48 HOURS BEFORE PARTIALLY OR COMPLETELY DISABLING SYSTEM. MINIMIZE OUTAGE DURATION.
- 3.03 DEMOLITION AND EXTENSION OF EXISTING ELECTRICAL WORK
- A. REMOVE, RELOCATE AND EXTEND EXISTING INSTALLATIONS TO ACCOMMODATE NEW CONSTRUCTION.
- B. REMOVE ABANDONED WIRING TO SOURCE OF SUPPLY.
- C. REMOVE EXPOSED ABANDONED CONDUIT, INCLUDING ABANDONED CONDUIT ABOVE ACCESSIBLE CEILING FINISHES. CUT CONDUIT FLUSH WITH WALLS AND FLOORS AND PATCH SURFACES.
- D. DISCONNECT ABANDONED OUTLETS AND REMOVE DEVICES. REMOVE ABANDONED OUTLETS IF CONDUIT SERVICING THEM IS ABANDONED AND REMOVED. PROVIDE BLANK COVER FOR ABANDONED OUTLETS WHICH ARE NOT REMOVED.
- E. REPAIR ADJACENT CONSTRUCTION AND FINISHES DAMAGED DURING DEMOLITION AND EXTENSION WORK.
- END OF SECTION 260500



PROPRIETARY DATA

THE USE OF THE PLANS AND SPECIFICATIONS IS RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY WERE PREPARED, AND IS LIMITED TO SUCH USE. ANY OTHER USE, REUSE, REPRODUCTION OR PUBLICATION BY ANY METHOD IN WHOLE OR IN PART, WITHOUT THE WRITTEN PERMISSION OF CENTRAL PACIFIC ENGINEERING, INC., IS PROHIBITED. ANY SUCH USE WITHOUT THE WRITTEN PERMISSION OF CENTRAL PACIFIC ENGINEERING, INC., SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO CENTRAL PACIFIC ENGINEERING, INC. COPYRIGHT 2024



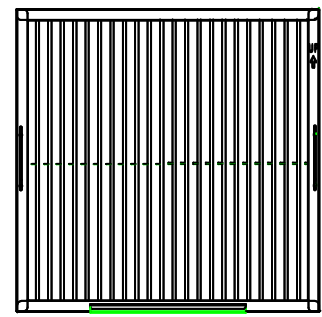
REVISIONS	BY
PLAN CK 1 08-05-24	DGS
UPDATE HOOD ELECT 01-21-25	DGS

DAVCO ASSOCIATES (408) 778-2525
fax (408) 683-4244
P.O. Box 1621
Morgan Hill, CA 95038

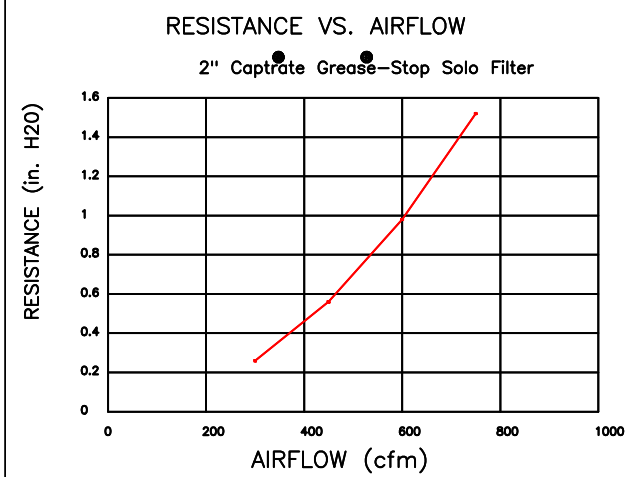
KITCHEN REMODEL
VETERAN'S HALL
SOUTH SANTA CLARA VALLEY MEMORIAL DISTRICT
74 WEST SIXTH ST.
GILROY, CA

architecture
planning
consultation

DRAWN
CHECKED
DATE
SCALE
AS NOTED
JOB NO.
SHEET
E7.00
OF SHEETS



Captrate Grease-Stop Solo Filter



Filter Detail

CAPTRATE

EXHAUST CFM=LENGTH OF HOOD X CFM/LIN.FT. (LOAD)
 SUPPLY CFM=EXHAUST CFM X PERCENTAGE REQUIRED
 TOTAL DUCT AREA=144 X $\frac{CFM}{FPM(*)}$
 DUCT LENGTH= $\frac{TOTAL DUCT AREA}{DUCT DEPTH}$
 GREASE-STOP SOLO FILTER IS ETL LISTED UNDER FILE NUMBER 3064494-001 AND COMPLES WITH UL1046 STANDARD, NSF STANDARD #2, NFA 96 AND IMC
 * CAPTIVE-AIRE VENTILATOR DUCT SIZES ARE CALCULATED USING AN EXHAUST VELOCITY OF 1600-1800 FPM AND A SUPPLY VELOCITY OF 1000 FPM PLEASE CONSULT FACTORY FOR MAXIMUM ALLOWABLE DUCT SIZES

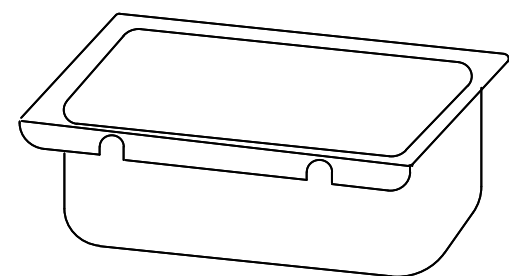
CALCULATIONS UTILIZED

CAPTIVE-AIRE HOODS ARE BUILT IN COMPLIANCE WITH:

- NFPA #96
- B.O.C.A. #93-16
- I.C.B.O. 34416
- SBCI PST & ESI NO. 93137
- E.T.L. LISTED 3054804-001
- LOS ANGELES RR#8080
- ETL IS LISTED TO ULC STANDARDS

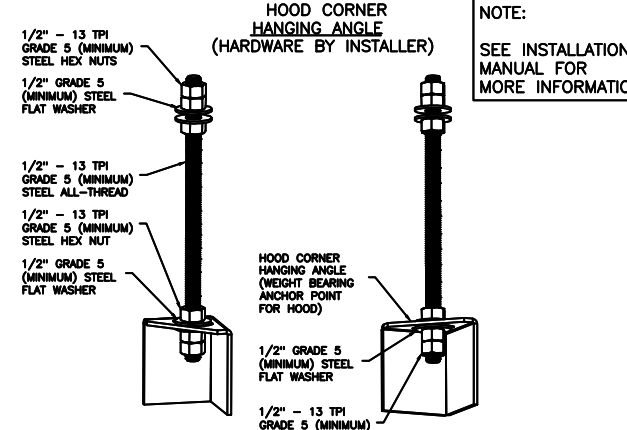


BUILDING CODES



GREASE CUP WILL BE SUPPORTED BY TWO STUDS ON THE INSIDE WALL OF THE HOOD. THE GREASE WILL DRAIN THROUGH A CONCEALED GREASE TROUGH AND INTO THIS REMOVEABLE/CLEANABLE CUP.

1/2 Pint Grease Cup Detail



ND-2 HANGING ANGLE DETAIL

HANGING ANGLES WILL BE LOCATED IN THE FOLLOWING LOCATIONS FOR WALL CANOPIES

HOOD STYLE	DIM FROM REAR	DIM FROM FRONT (24" High Hood)	DIM FROM FRONT (30" High Hood)
Wall Exhaust Only	4.166"	2.25"	2.25"
Wall With MUA		2.25"	2.25"
Back Shelf Exhaust Only	4.166"	2.25"	2.25"
Back Shelf With MUA		2.25"	2.25"
Condensate	2.25"	2.25"	

HANGING ANGLE LOCATIONS

HOOD INFORMATION - JOB#6847224

HOOD NO	TAG	MODEL	MANUFACTURER	LENGTH	MAX COOKING TEMP	TYPE	APPLIANCE DUTY	DESIGN CFM/FT	TOTAL EXH CFM	EXHAUST PLENUM RISER(S)					HOOD CONSTRUCTION	HOOD CONFIG			
										WIDTH	LENG	HEIGHT	DIA	CFM		VEL	SP	END TO END	ROW
1		5424 EX-2	ECON-AIR	13' 0"	600 DEG	I	HEAVY	250	3250			4"	18"	3250	1839	-0.549"	430 SS WHERE EXPOSED	ALONE	ALONE

HOOD INFORMATION

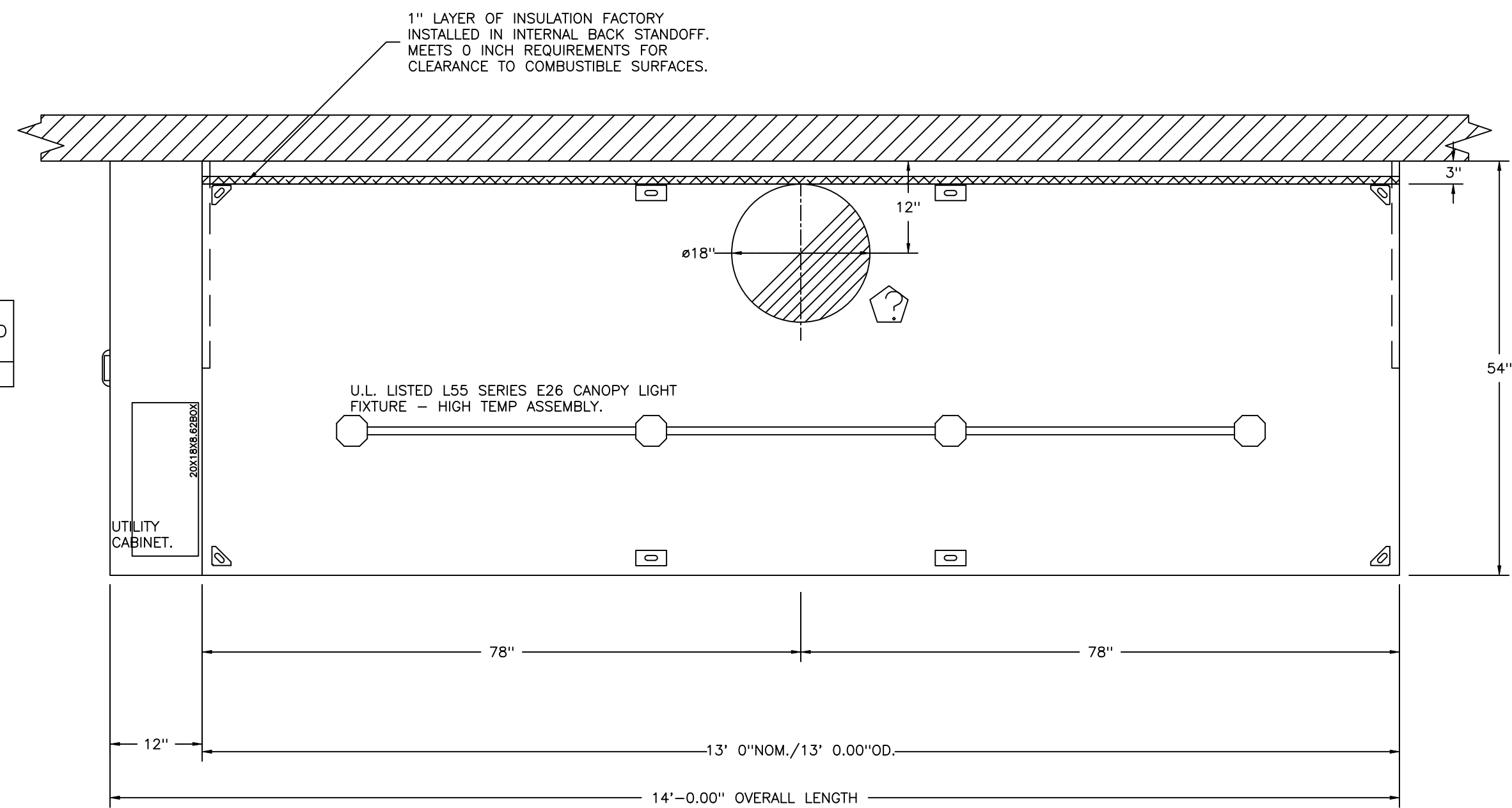
HOOD NO	TAG	FILTER(S)				LIGHT(S)				UTILITY CABINET(S)				FIRE SYSTEM PIPING	HOOD HANGING WEIGHT		
		TYPE	QTY	HEIGHT	LENGTH	EFFICIENCY @ 7 MICRONS	QTY	TYPE	WIRE GUARD	LOCATION	SIZE	FIRE SYSTEM	SIZE			ELECTRICAL MODEL #	SWITCHES QUANTITY
1		SS BAFFLE WITH HANDLES	9	20"	16"	30%	4	L55 SERIES E26	NO	LEFT	12"x54"x24"			SC-311110MA	1 LIGHT 1 FAN	NO	1029 LBS

HOOD OPTIONS

HOOD NO	TAG	OPTION
1		FIELD WRAPPER 18.00" HIGH FRONT, LEFT, RIGHT.
		INSULATION FOR TOP OF HOOD.
		STRUCTURAL FRONT PANEL.
		INSULATION FOR BACK OF HOOD.
		RIGHT VERTICAL END PANEL 27" TOP WIDTH, 21" BOTTOM WIDTH, 80" HIGH INSULATED 430 SS.
		LEFT VERTICAL END PANEL 27" TOP WIDTH, 21" BOTTOM WIDTH, 80" HIGH INSULATED 430 SS.
		DI-PSP 12" 600CFM [QTY. 6].

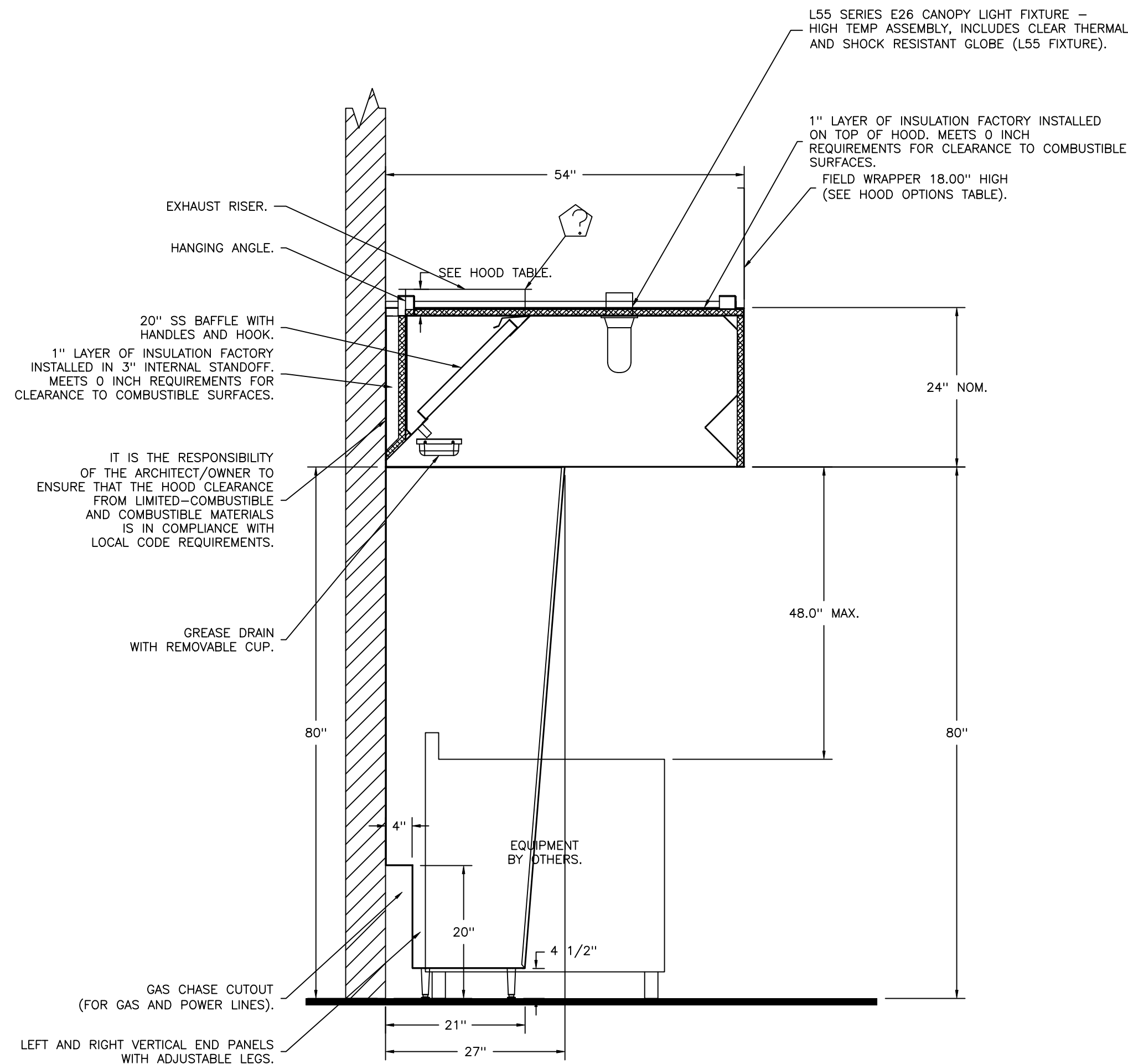
DIFFUSER SCHEDULE

TAG	MODEL	CEILING HEIGHT	NOMINAL FACE SIZE	RISER DIA	CFM	DUCT VELOCITY (FPM)	FACE DISCHARGE VELOCITY (FPM)	T50 AFF	SP	NOISE CRITERIA	LINKED FAN	LINKED HOOD
	DI-PSP-12-24X24	16'	24 X 24	12	600	764	179	8.05'	0.233'	46		5424EX-2



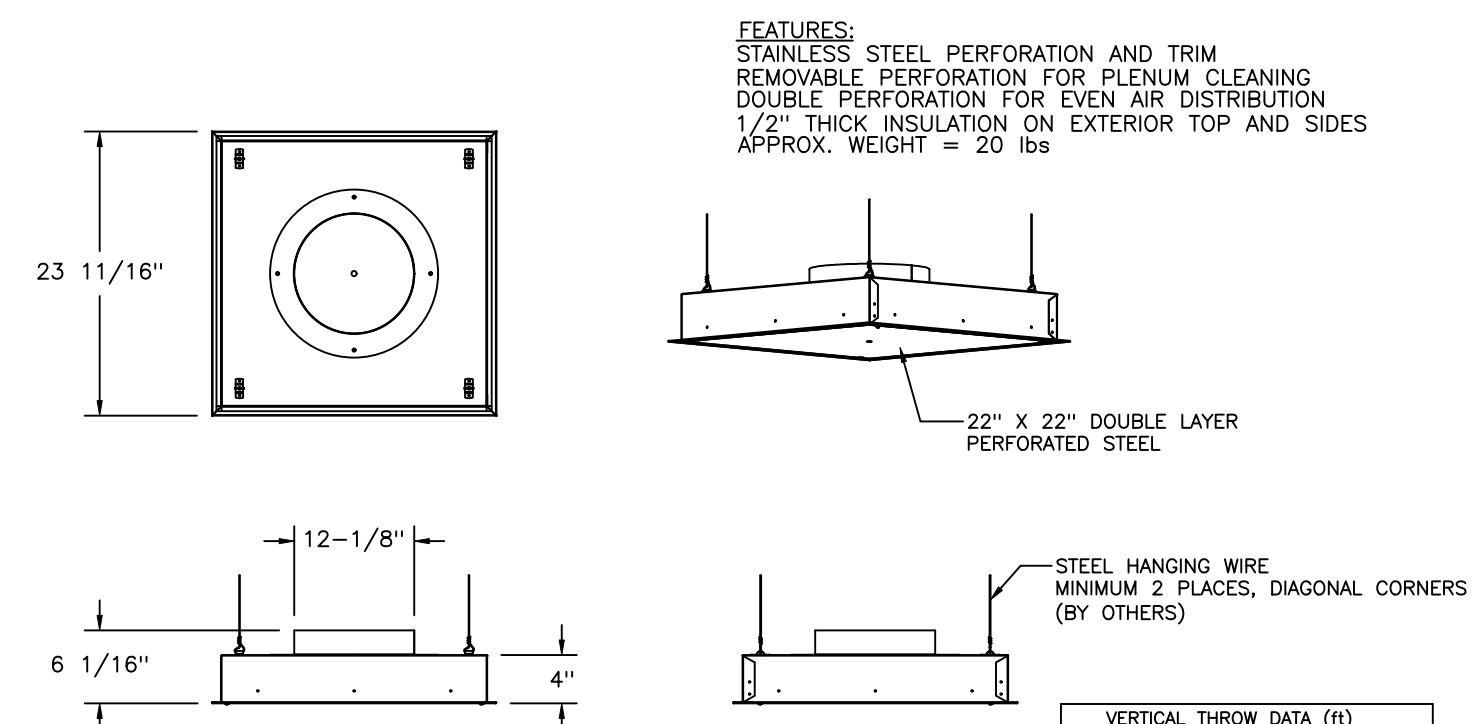
PLAN VIEW - HOOD #1
13' 0.00" LONG 5424EX-2

NOTE: ADDITIONAL HANGING ANGLES PROVIDED FOR HOODS 12' AND LONGER.



SECTION VIEW - MODEL 5424EX-2 HOOD - #1

QTY 6-DROP-IN PERFORATED SUPPLY PLENUM DIFFUSER (DI-PSP)



FEATURES:
STAINLESS STEEL PERFORATION AND TRIM
REMOVABLE PERFORATION FOR PLENUM CLEANING
DOUBLE PERFORATION FOR EVEN AIR DISTRIBUTION
1/2" THICK INSULATION ON EXTERIOR TOP AND SIDES
APPROX. WEIGHT = 20 lbs

INSTALLATION NOTES:
INTENDED FOR INSTALLATION IN LAY IN (DROP) CEILINGS
INSTALL SLIDING RADIAL DAMPER ON TOP SIDE OF COLLAR

CFM	VERTICAL THROW DATA (ft)		
	T150	T100	T50
600	1.25'	3.00'	7.75'
500	0.50'	2.50'	6.25'
400	---	1.25'	4.50'
300	---	---	3.75'
200	---	---	0.50'

DIFFUSER SPECIFICATION

NOTE
ALL WALLS THAT COME WITHIN 18" OF THE TYPE I HOOD MUST BE METAL STUD AND SHEETROCK.
IF WOOD STUDS FACTORY INSTALLED INSULATION REQUIRED, PLEASE ADVISE CAPTIVE AIRE PRIOR TO FABRICATION.

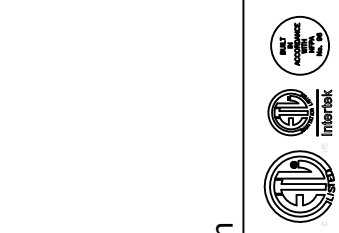
NOTE- Exhaust Collar Must be Factory Installed. If A Different Size Or Location is Required, Please Note Change On Submittal.
Rear Discharge is Available. Contact CaptiveAire For Possible Locations.

All Hoods, Exhaust Fans, Tempered/Untempered Make-Up Air Units and Electrical Package to be Start-up and Commissioned by Factory Field Service Technician. Start-Up Report to be Sent to Engineer by Manufacturer When Complete.

FOR QUESTIONS CALL:
REECE MCNULTY
LOS ANGELES SALES OFFICE
REFERENCE JOB NUMBER
PHONE: 310.876.8505 RECG1@CAPTIVEAIRE.COM

REVISIONS

DESCRIPTION	DATE



econ·air
www.econair.com
San Jose, CA
PHONE: (408) 418-1108 FAX: 9199004536 EMAIL: reg9@econair.com

VETERANS HALL ECON - Gilroy, CA rev3

Gilroy, CA, 95020

DATE: 6/10/2024

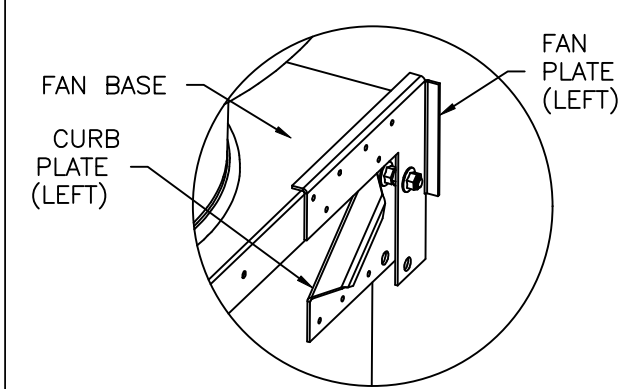
DWG.#: 6847224

DRAWN BY: RMM

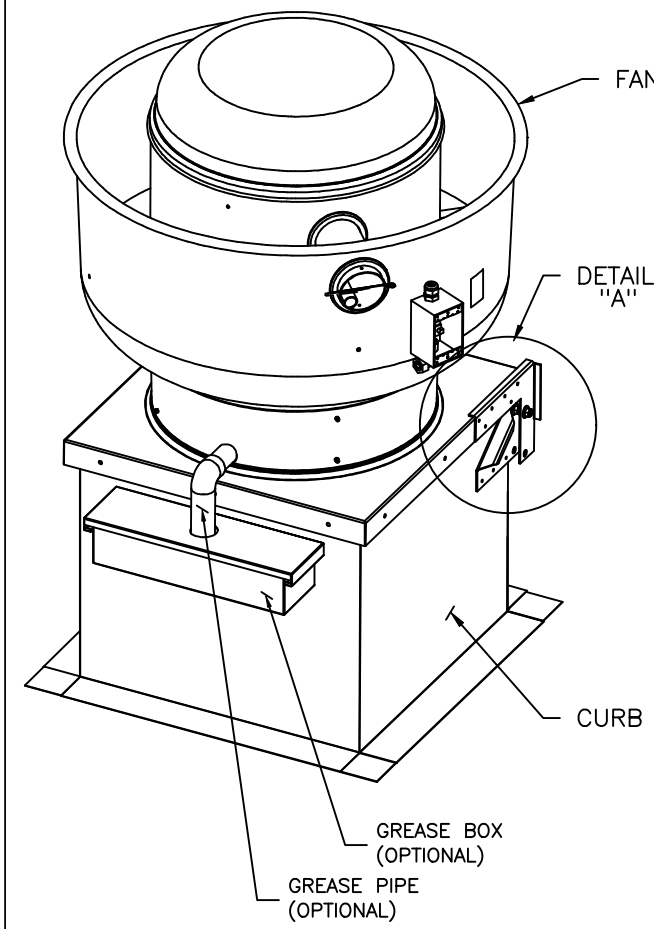
SCALE: 3/4" = 1'-0"

MASTER DRAWING

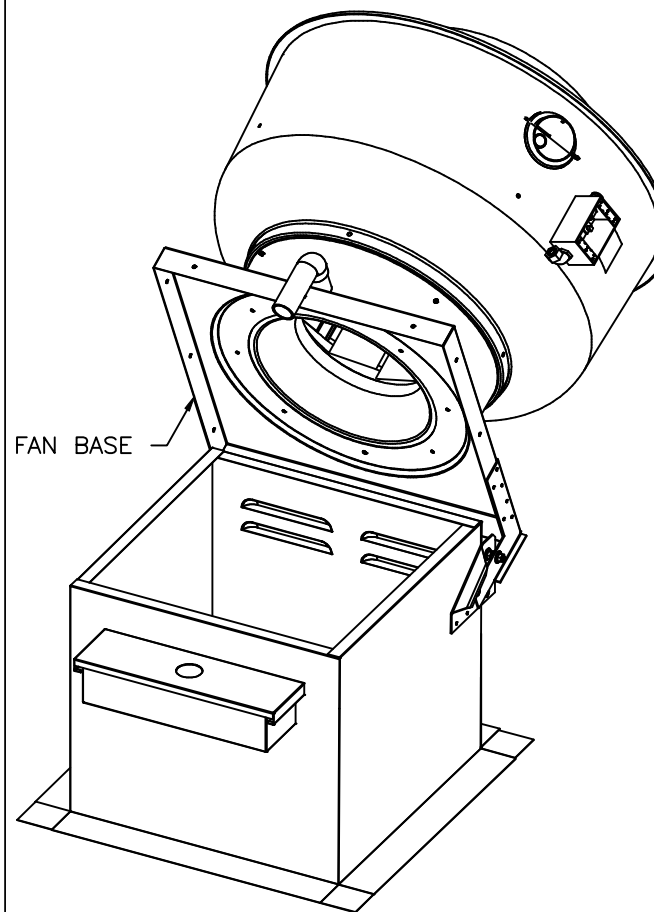
SHEET NO.



HINGE KIT DETAIL

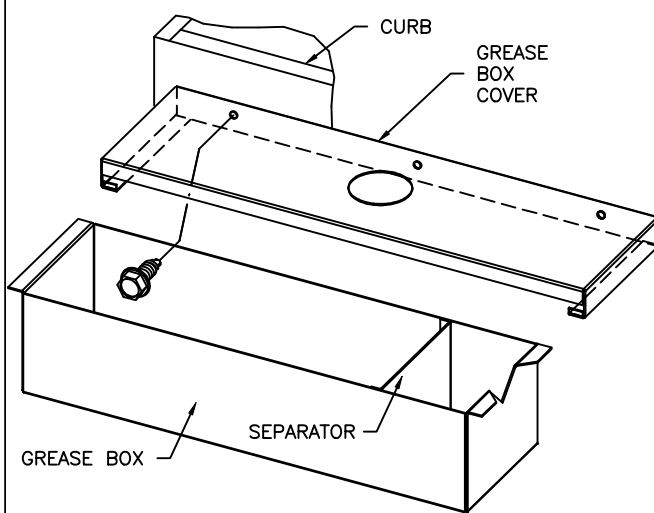


FAN IN CLOSED POSITION

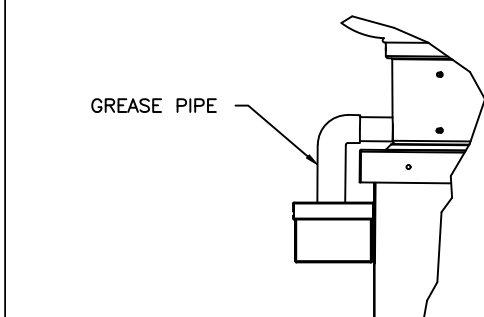


ATTENTION: INSTALLER SHOULD SUPPLY ENOUGH ELECTRICAL CORD TO LET FAN MAKE COMPLETE SWING.

FAN IN OPEN POSITION



ATTACH GREASE BOX COVER TO THE CURB 3" BELOW TOP EDGE OF CURB. USING (3) LONG (3/4" LG.) SCREWS AS SHOWN. INSTALL GREASE PIPE AS SHOWN.



GREASE BOX INSTALLATION

- A PRE-WIRED ELECTRICAL CONTROL PACKAGE SHALL BE PROVIDED TO OPERATE THE HOOD LIGHTS AND FANS.
- PACKAGE SHALL CONSIST OF SWITCH PANEL WITH LIGHT SWITCHES AND RED-LIGHTED FAN SWITCHES, STARTER/OVERLOAD ASSEMBLY FOR EACH FAN/UNIT, NUMBERED INPUT/OUTPUT TERMINAL STRIPS, AND A TERMINAL FOR DOUBLE-DUAL FIRE SYSTEM MICROSWITCH CONNECTION.
- ONE RELAY IS WIRED TO MICROSWITCH (ON FIRE SYSTEM) FOR SUPPLY FAN SHUTDOWN AND OTHER RELAY FOR ADDITIONAL FIRE SYSTEM ACTIVATED DRY CONTACTS.
- ELECTRICAL CONDUIT (DROPS FROM THE FANS) SHALL BE CONNECTED TO THE NUMBERED TERMINAL STRIP. CONDUIT BETWEEN THE PRE-WIRED PACKAGE AND FANS SHALL BE SUPPLIED BY THE ELECTRICAL CONTRACTOR.

ELECTRICAL PACKAGE NOTES

EXHAUST FAN INFORMATION -- JOB#6847224

FAN UNIT NO	TAG	QTY	FAN UNIT MODEL #	MANUFACTURER	CFM	ESP	RPM	MOTOR ENCL	HP	BHP	PHASE	VOLT	FLA	DISCHARGE VELOCITY	WEIGHT (LBS)	SONES
1	KEF-1	1	DU180HFA	CAPTIVEAIRE	3250	1,500	1320	ODP,PREMIUM	3.000	1.7950	3	208	9.5	751 FPM	189	20

MUA FAN INFORMATION -- JOB#6847224

FAN UNIT NO	TAG	QTY	FAN UNIT MODEL #	BLOWER	HOUSING	MIN CFM	DESIGN CFM	ESP	RPM	MOTOR ENCL	HP	BHP	PHASE	VOLT	FLA	MCA	MOCP	EVAP FLOW RATE (Gal/Hr)	EVAP COOLER ENTERING DB TEMP	EVAP COOLER ENTERING WB TEMP	EVAP COOLER LEAVING DB TEMP	EVAP COOLER LEAVING WB TEMP	WEIGHT (LBS)	SONES
2	MAU-1	1	EA-A2-20D	ZOMF-2-MOD	A2	1500	3250	0.750	1469	ODP,PREMIUM	3.000	1.7390	3	208	9.5	11.9A	20A	4.83	90.0°F	62.0°F	71.0°F	62.0°F	692	18.3

FAN OPTIONS

FAN UNIT NO	TAG	QTY	DESCRIPTION
1	KEF-1	1	GREASE BOX
		1	HINGE KIT - SHIPS LOOSE FOR CURB SUPPLIED BY OTHERS
		1	2 YEAR PARTS WARRANTY
2	MAU-1	1	EVAPORATIVE COOLER WIRING HARNESS
		1	INSULATION OPTION FOR VBANK FILTER SECTION
		1	A2 INDOOR HANGING OPTION - INCLUDES 2 HSA125 HANGING SPRING ISOLATORS PER UNI-STRUT
		1	SEPARATE 120V WIRING PACKAGE (REQUIRED AND USED ONLY FOR DCV OR PREWIRE WITH VFD) - THREE PHASE ONLY
		1	2 YEAR PARTS WARRANTY

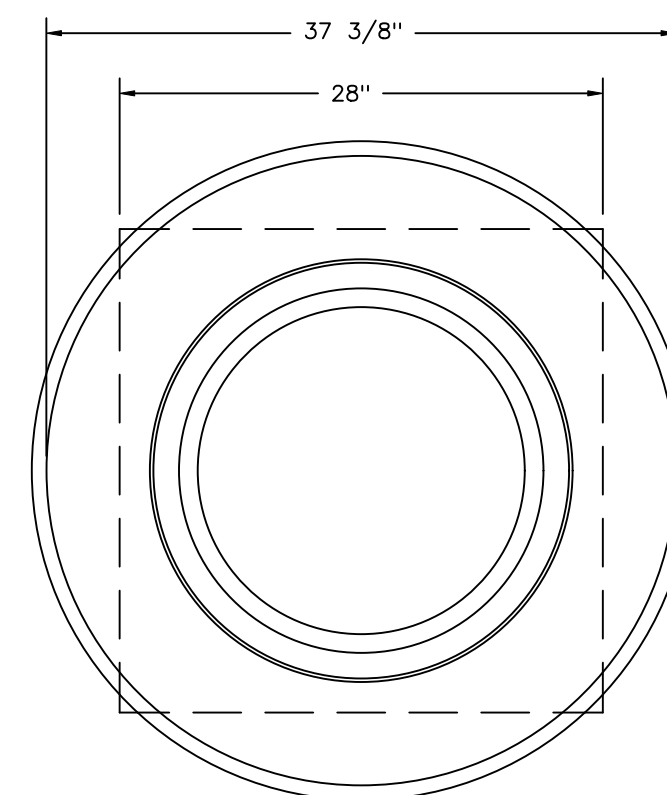
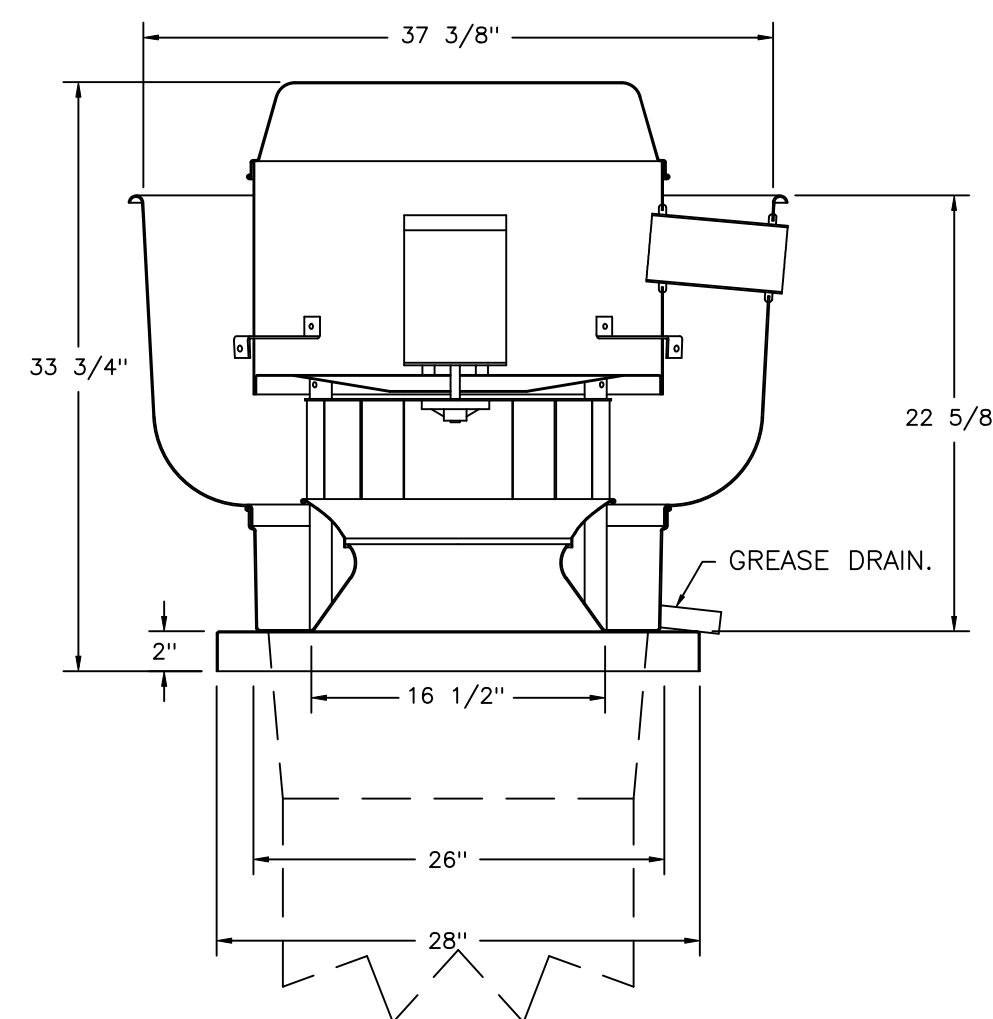
FAN ACCESSORIES

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

CURB ASSEMBLIES

NO	ON FAN	TAG	WEIGHT	ITEM	SIZE
1	# 1	KEF-1	43 LBS	CURB	26.500"W X 26.500"L X 20.000"H 3.000:12.000 PITCH ALONG LENGTH, RIGHT VENTED HINGED.

FAN #1 DU180HFA - EXHAUST FAN (KEF-1)



TOP VIEW

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

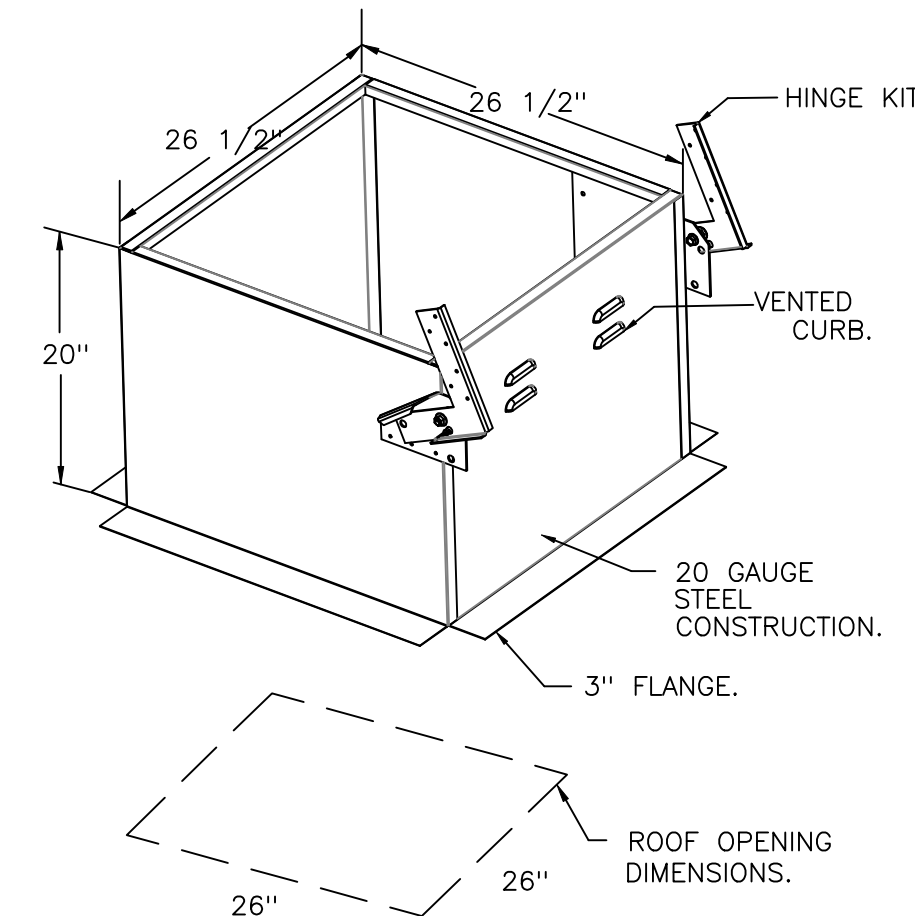
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING AIR AT 300°F (149°C) UNTIL ALL FAN PARTS HAVE REACHED THERMAL EQUILIBRIUM, AND WITHOUT ANY DETERIORATING EFFECTS TO THE FAN WHICH WOULD CAUSE UNSAFE OPERATION.

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.

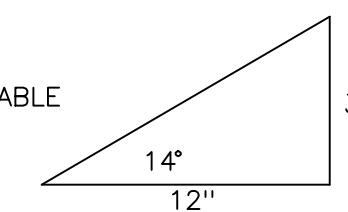
OPTIONS

- GREASE BOX.
- HINGE KIT - SHIPS LOOSE FOR CURB SUPPLIED BY OTHERS.
- 2 YEAR PARTS WARRANTY.



PITCHED CURBS ARE AVAILABLE FOR PITCHED ROOFS.

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



REVISIONS

DESCRIPTION	DATE

San Jose, CA
PHONE: (408) 418-1108 FAX: 9199004536 EMAIL: reg9@econair.com

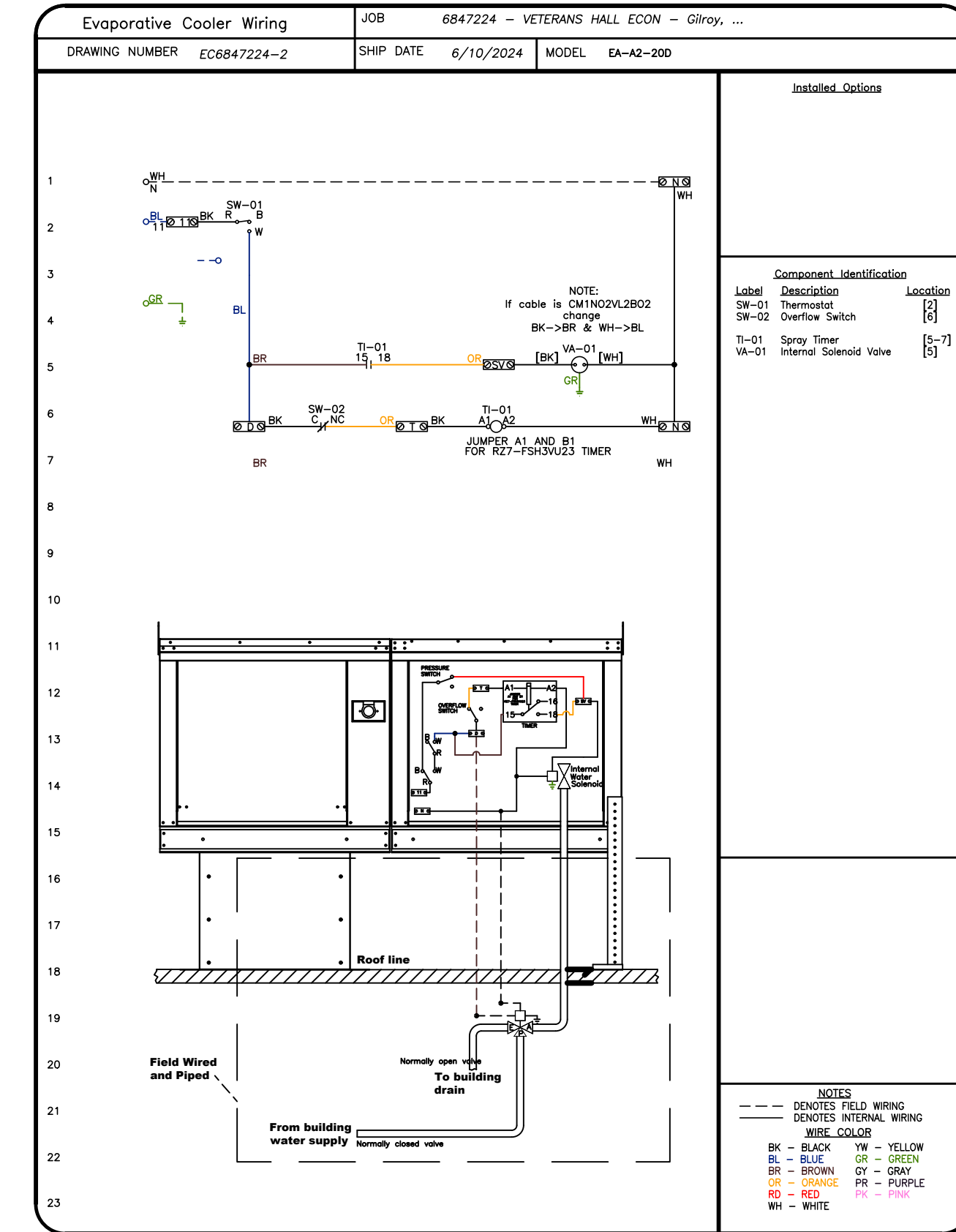
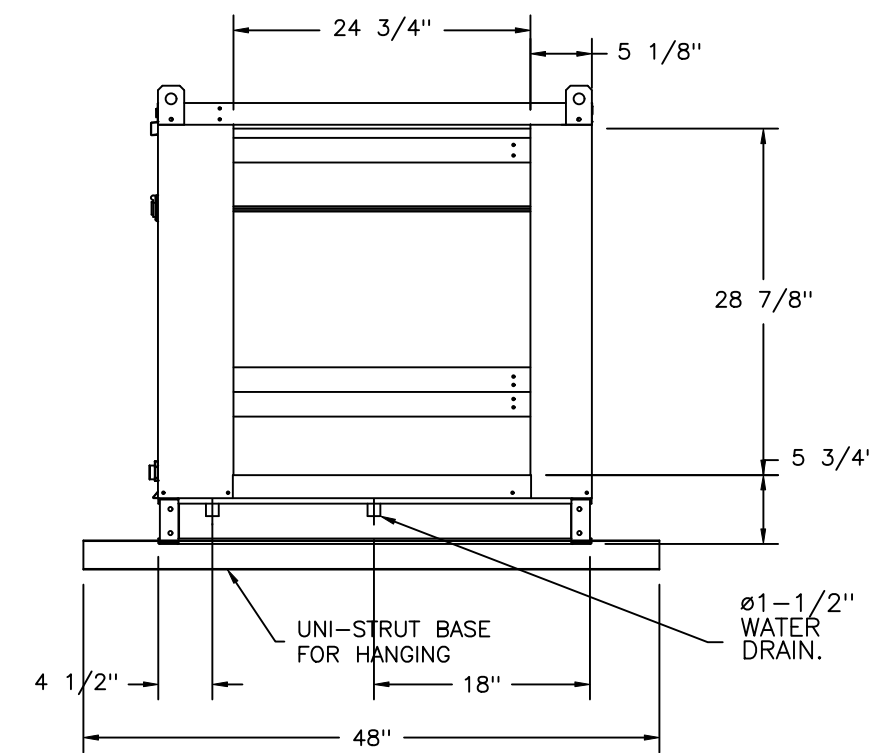
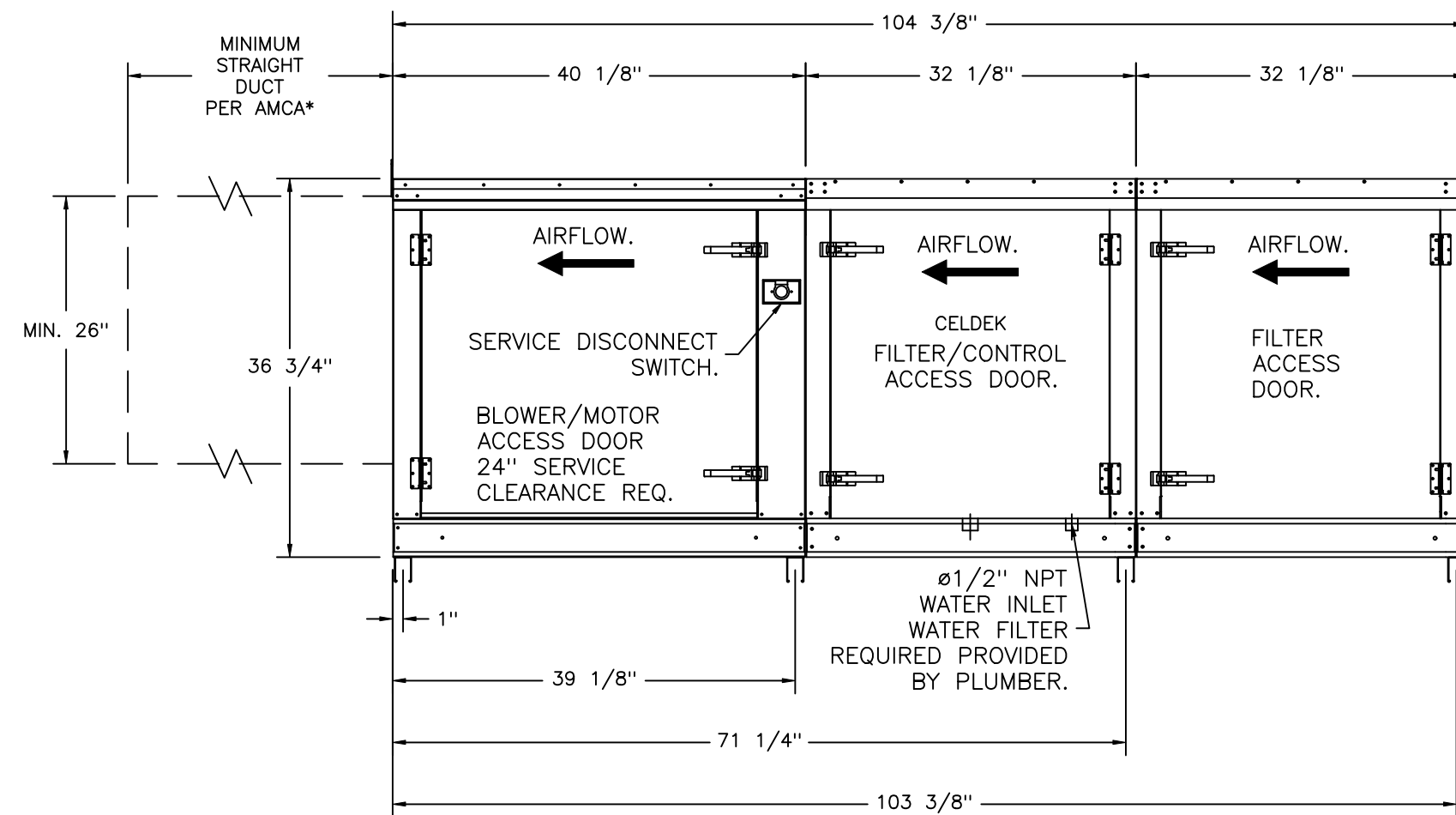
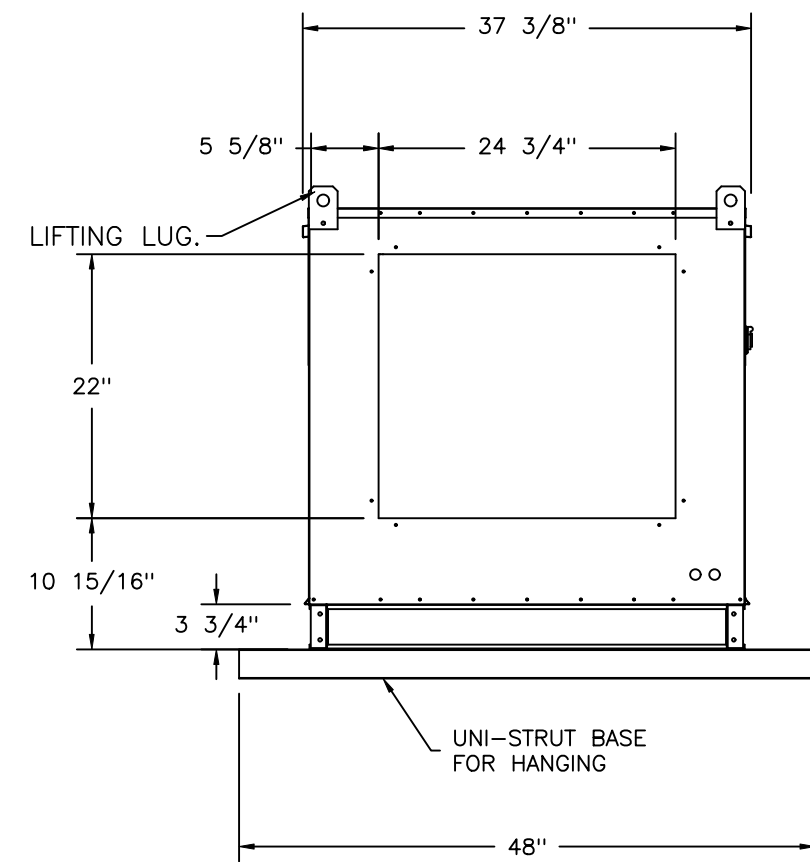
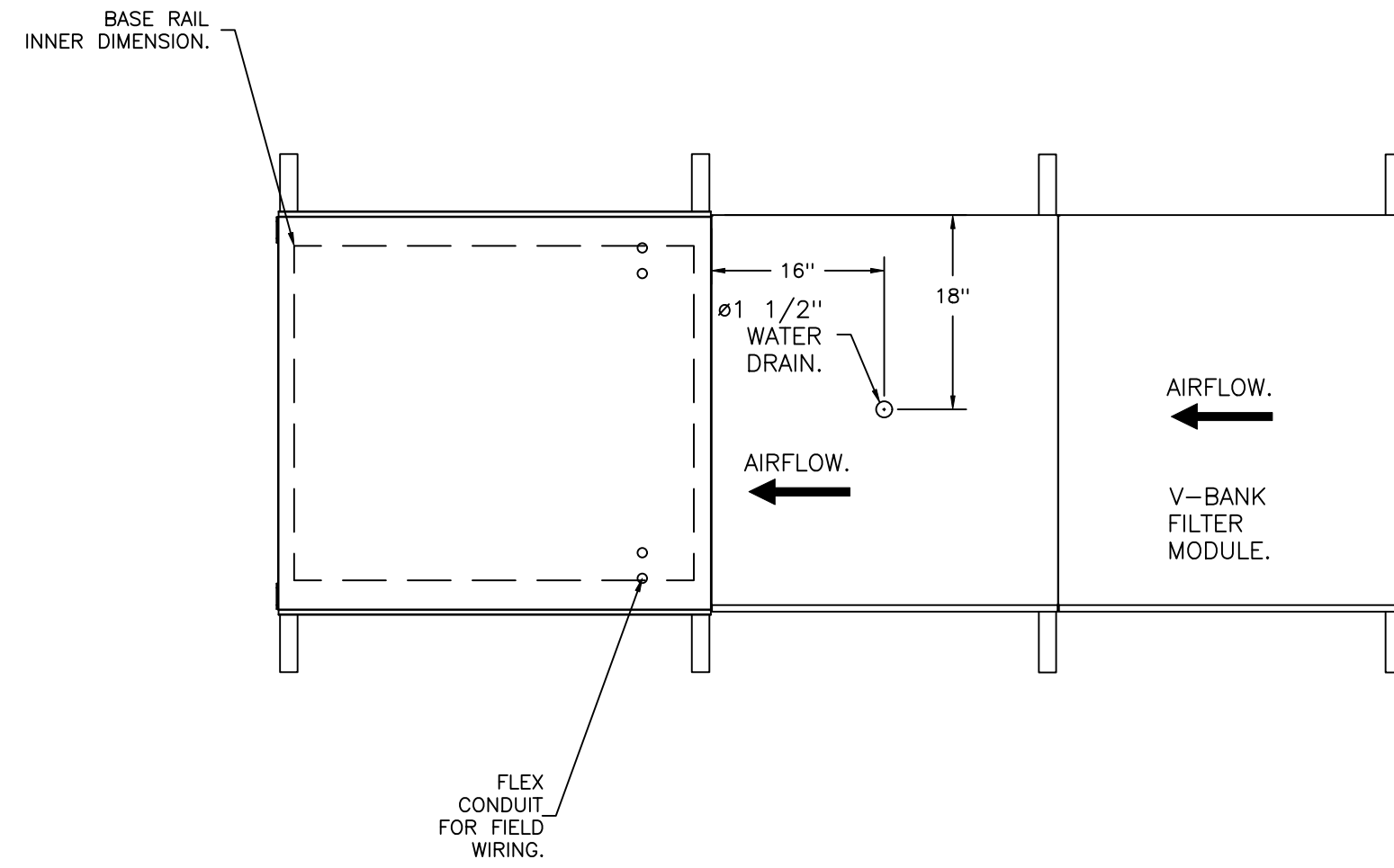
VETERANS HALL ECON - Gilroy, CA rev3
Gilroy, CA, 95020

DATE: 6/10/2024
DWG.#: 6847224
DRAWN BY: RMM
SCALE: 3/4" = 1'-0"
MASTER DRAWING

SHEET NO. 2

- FAN #2 EA-A2-20D - SUPPLY FAN (MAU-1)
1. UNTEMPERED SUPPLY UNIT WITH 20" MIXED FLOW DIRECT DRIVE FAN IN SIZE #2 HOUSING.
 2. EVAP COOLER (CELDEK) & V-BANK WITH 2" TA-13 FILTERS - INDOOR.
 3. SIDE DISCHARGE - AIR FLOW RIGHT -> LEFT.
 4. 120V WIRING CONNECTION TO ENERGIZE EVAPORATIVE COOLERS FROM UNTEMPERED SUPPLY FANS.
 5. "INSULATION" FOR V-BANK INTAKE OPTION.
 6. INDOOR HANGING CRADLE FOR THE SIZE 2 UNTEMPERED UNIT. 2 HSA125 HANGING ISOLATORS PER UNI-STRUT INCLUDED.
 7. 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.
 8. HINGED DOUBLE WALL INSULATED DOOR ASSEMBLY (BURNER/BLOWER/EVAP SECTION).
 9. 2 YEAR PARTS WARRANTY.

*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 26" x 26".



REVISIONS

DESCRIPTION	DATE

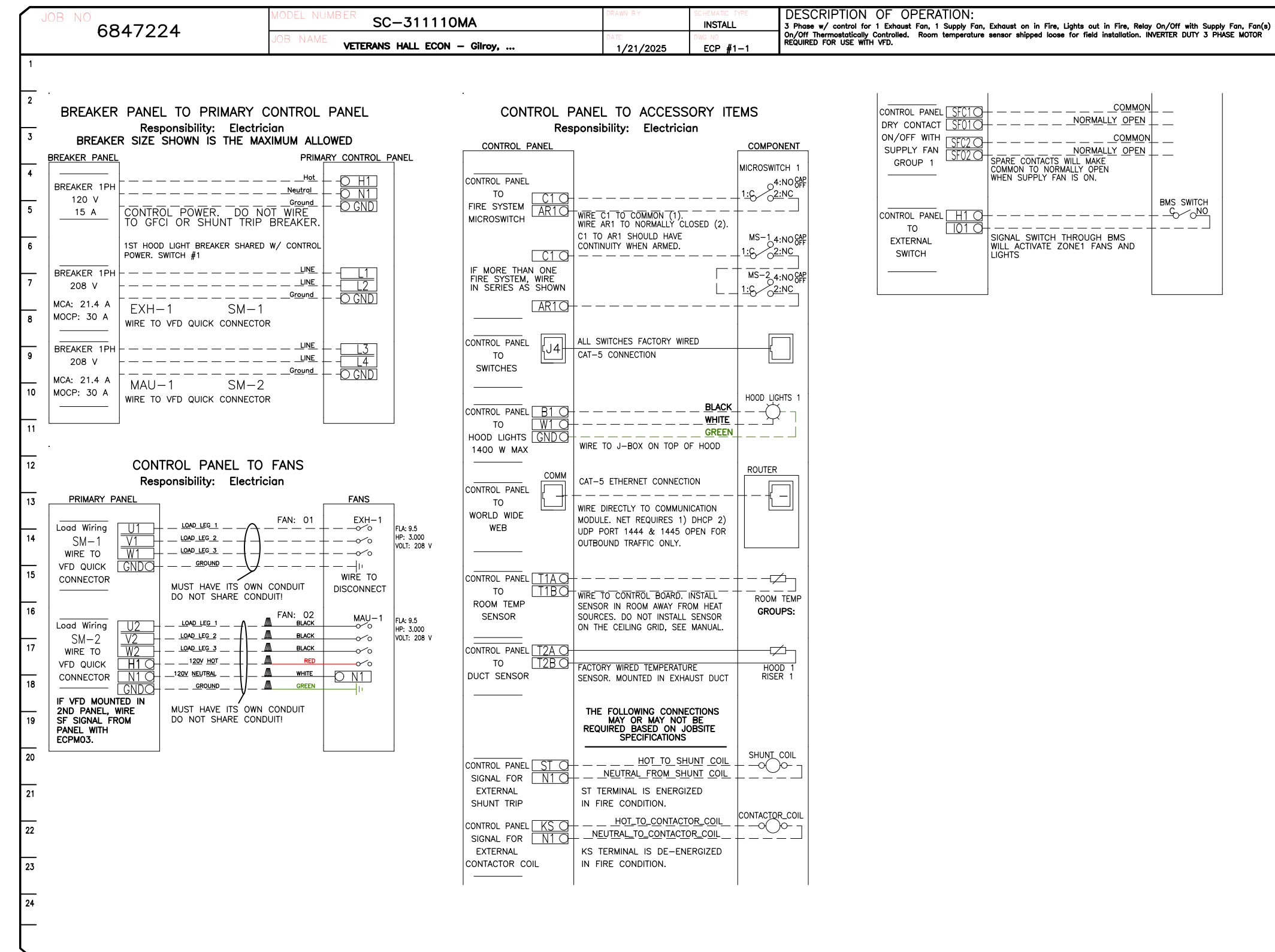
econ.air
 www.econair.com
 San Jose, CA
 PHONE: (408) 418-1108 FAX: 9199004636 EMAIL: reg9@econair.com

VETERANS HALL ECON - Gilroy, CA rev3
 Gilroy, CA, 95020

DATE: 6/10/2024
 DWG.#: 6847224
 DRAWN BY: RMM
 SCALE: 3/4" = 1'-0"
 MASTER DRAWING

SHEET NO. 3

NO	TAG	PACKAGE #	LOCATION	SWITCHES		OPTION	FANS CONTROLLED					
				LOCATION	QUANTITY		FAN TAG	TYPE	HP	VOLT	FLA	
1		SC-311110MA	UTILITY CABINET LEFT	UTILITY CABINET LEFT	1 LIGHT	SMART CONTROLS THERMOSTATIC CONTROL W/ RELAY ON/OFF WITH SUPPLY	KEF-1	EXHAUST	3	3,000	208	9.5
				HOOD # 1	1 FAN		MAU-1	SUPPLY	3	3,000	208	9.5



REVISIONS

NO.	DESCRIPTION	DATE
1		
2		
3		
4		



econ.air
 www.econair.com
 San Jose, CA
 PHONE: (408) 418-1108 FAX: 9198004636 EMAIL: eg9@econair.com

VETERANS HALL ECON - Gilroy, CA rev3
 Gilroy, CA, 95020

DATE: 6/10/2024

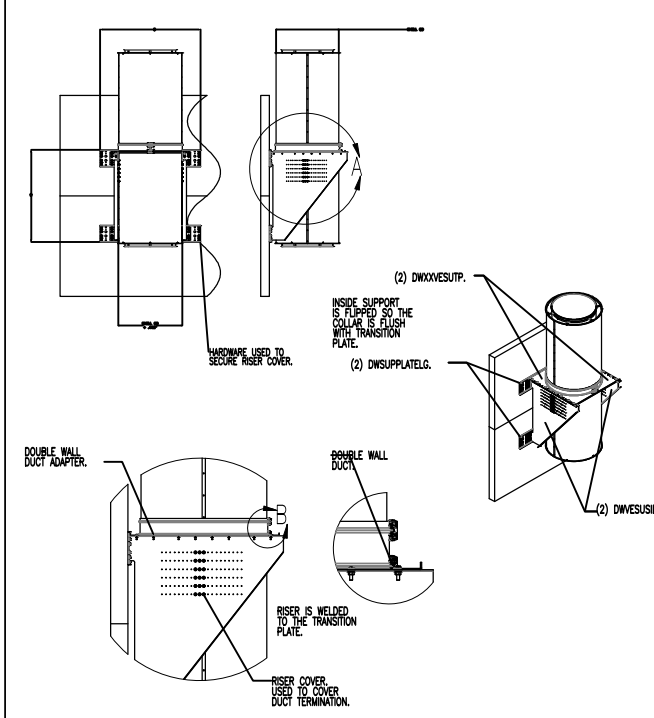
DWG.#: 6847224

DRAWN BY: RMM

SCALE: 3/4" = 1'-0"

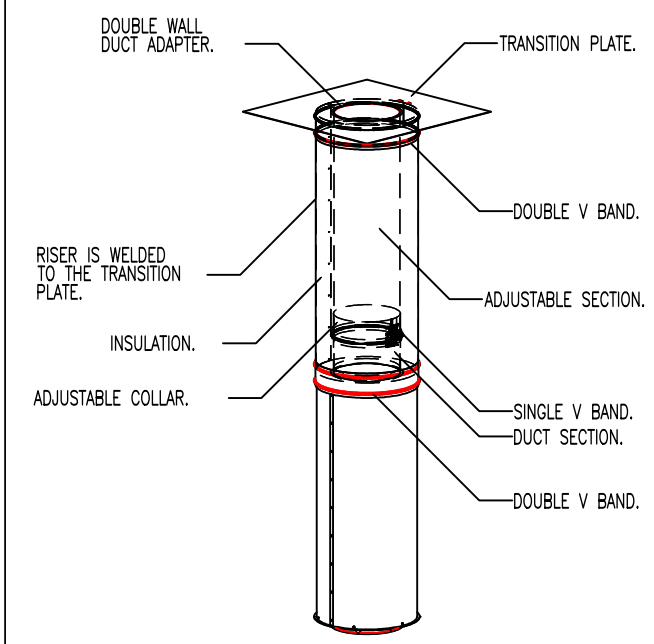
MASTER DRAWING

SHEET NO. 4

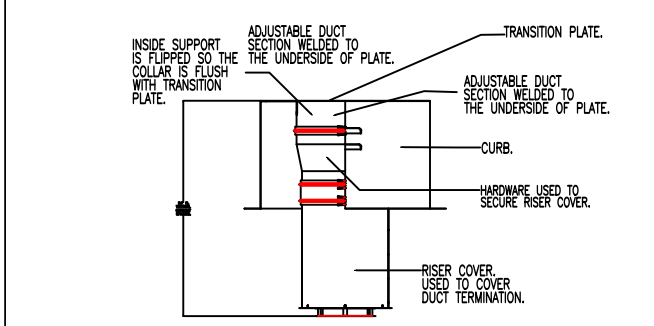


DUCT DIAMETER (FT)	MAXIMUM SPACING (FT)
8"	10'
10"	10'
12"	10'
14"	10'
16"	10'
18"	10'
20"	10'
24"	10'

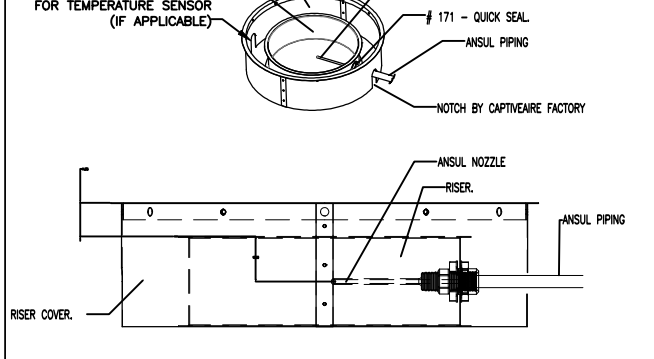
DUCT SUPPORT ASSEMBLY



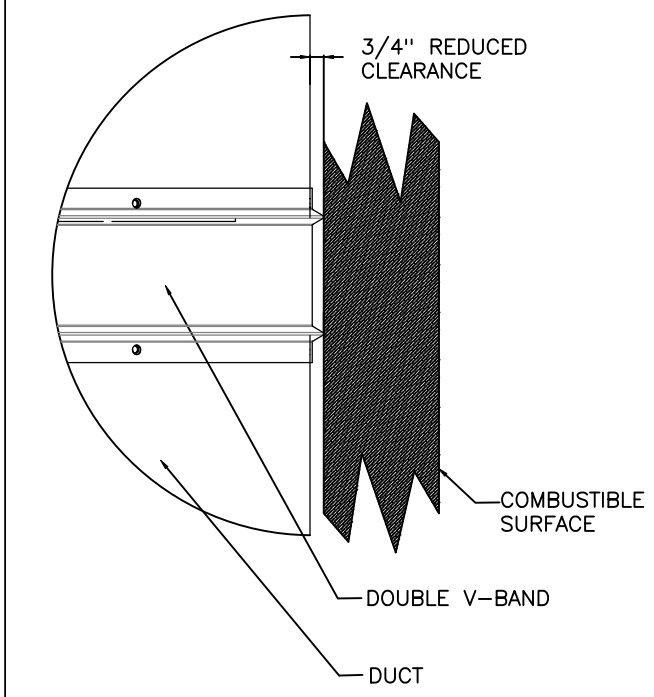
TRANSITION PLATE DETAIL



OUTER DUCT BAND DETAIL



REDUCED CLEARANCE DETAIL



DUCTWORK NOTES

- DUCT RUN TO BE FIELD VERIFIED, PARTS SUBJECT TO CHANGE
- DUCT RUNS TO HAVE CLEANOUTS EVERY 10', AND EVERY CHANGE OF DIRECTION UNLESS SPECIFIED OTHERWISE.
- VERTICAL HANGING SUPPORTS TO BE PER SUPPORT DETAIL TABLE TO RIGHT; HORIZONTAL HANGING SUPPORTS TO BE PER SUPPORT DETAIL TABLE TO RIGHT.
- ADJUSTABLE DUCT OVERLAP TO BE NO LESS THAN 6", UNLESS INNER DIAMETER IS 8" (4" OVERLAP) OR 10" (5" OVERLAP).
- 3/4" CLEARANCE TO COMBUSTIBLES IS FROM OUTER SHELL, V-BAND IS LISTED TO BE AGAINST SURFACE.

DUCTWORK #1 PARTS - JOB#6847224 DOUBLE WALL

TAG	PART #	CFM	GPM	ZONE	COVEREDBY	SP	WEIGHT	VELOCITY	QTY	DESCRIPTION
H1-E1	DW22DWRISER-2R-S	3250				-0.549	10.73	0.00	1	DOUBLE WALL RISER COVER - USED ON 18" INNER RISER, 4" LONG - 2 LAYERS REDUCED CLEARANCE - 22" STAINLESS STEEL OUTER RISER SHELL ASSEMBLY. INCLUDES INSULATION & SINGLE V CLAMPS FOR INNER & OUTER CONNECTIONS.
P1	DW1847DWAJD-2R-S	3250				-0.009	107.98	1839.12	1	DOUBLE WALL ADJUSTABLE DUCT - 18" INNER DUCT - 2 LAYERS REDUCED CLEARANCE - 22" STAINLESS STEEL OUTER SHELL. MIN LENGTH = 11" / MAX LENGTH = 48.5" / ADJUSTMENT = 30.5" / ADJUSTABLE SECTION MAY NEED TO BE CUT. INCLUDES SINGLE AND DOUBLE WALL "V" CLAMPS.
P2	DW1845DWASY-2R-S	3250				-0.0416	26.22	1839.12	1	DOUBLE WALL DUCT - 18" INNER 45 DUCT - 2 LAYERS REDUCED CLEARANCE - 22" STAINLESS STEEL OUTER SHELL.
P3	DW1845DWASY-2R-S	3250				-0.0371	26.22	1839.12	1	DOUBLE WALL DUCT - 18" INNER 45 DUCT - 2 LAYERS REDUCED CLEARANCE - 22" STAINLESS STEEL OUTER SHELL.
P4 ASSEMBLED W/P5	DW1847DWAJDP-2R-S	3250				-0.01	108.88	1839.12	1	DOUBLE WALL ADJUSTABLE DUCT TRANSITION PLATE - 18" INNER DUCT - 2 LAYERS REDUCED CLEARANCE - 22" STAINLESS STEEL OUTER SHELL. MIN LENGTH = 11" / MAX LENGTH = 48.5" / ADJUSTMENT = 30.5" / ADJUSTABLE SECTION MAY NEED TO BE CUT. INCLUDES SINGLE AND DOUBLE WALL "V" CLAMPS.
P5 ASSEMBLED W/P4 O=B	DW2618TPDBEX	3250					9.00	1839.12	1	DUCT TO CURB TRANSITION 3/4" DOWN TURN, 26 1/2" CURB TO 18" DUCT, 16 GA ALUMINIZED. USED ON NCA16FA / NCA16HPFA & NCA18FA / NCA18HPFA. TRANSITION PLATE OD IS 27.00" DESIGNED FOR USE WITH EXHAUST FAN. NON-STANDARD PART.
SYSTEM AT P5						-0.6467	0.00			
RC1	DW22DWRISER-2R-S						10.73		1	DOUBLE WALL RISER COVER - USED ON 18" INNER RISER, 4" LONG - 2 LAYERS REDUCED CLEARANCE - 22" STAINLESS STEEL OUTER RISER SHELL ASSEMBLY. INCLUDES INSULATION & SINGLE V CLAMPS FOR INNER & OUTER CONNECTIONS.
	3M-2000PLUS						0.80		2	DUCT - 3M FIRE BARRIER 2000 PLUS SILICONE - USED AS SEALANT TO SEAL DUCT JOINTS.
	DW18DWCLASY-2R-S						8.70		1	DUCT - 18" DUCT - 22" DOUBLE "V" CLAMP - 2R INSULATION & SINGLE "V" CLAMP INCLUDED - REDUCED CLEARANCE.
TOTAL WEIGHT							310.06			

Furnish double wall, factory built grease duct for use with Type I kitchen hoods, which conforms to the requirements of NFPA-96. Products shall be ETL listed to UL-1978 and UL-2221 for venting air and grease vapors from commercial cooking operation. Models DW-2R, 3R and 3Z are used for grease duct applications when installed in accordance with these instructions and National Fire Protection Association "NFPA 96"; Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations. Double wall grease ducts are listed for a continuous internal temperature of 500 degrees F and intermittent temperatures of 2000 degrees F.

The duct sections shall be constructed of an inner duct wall and an outer wall with insulation in between. The inner duct wall shall be constructed of .036 inch thick, 430 type stainless steel and be available in diameters 8" through 24". The outer wall shall be constructed of stainless steel at a minimum of .024 inch thickness. The duct, based on model number, shall include layers of Super Wool 607 Plus insulation between the inner and outer wall. Grease duct joints shall be held together by means of formed V clamps and sealed with 3M Fire Barrier 2000+. The duct wall assembly shall be tested and listed at 3/4" or zero inch clearance, according to classifications.

Classifications and Clearances

UL 2221: Standard for Fire Resistant Grease Duct Enclosure Assemblies. Chapter 7 of this standard references a test labeled Internal Fire Test. Section 7.1.1 references two installation conditions, Condition A and Condition B. Condition A represents all installation condition except for installation within non-ventilated combustible enclosures. Condition B represents installation within a non-ventilated combustible enclosure.

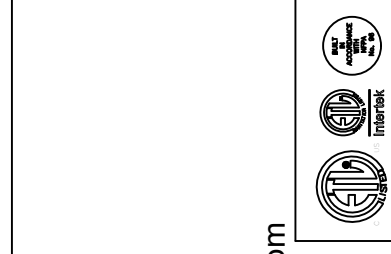
Model DW-3Z is classified under UL2221 (Test of Fire Resistant Grease Duct Enclosure Assemblies) as an alternate to 2-Hr. fire resistive shaft enclosures with a minimum zero clearance to combustibles (sizes 8" to 24" diameter). Model 3Z is listed in accordance with the requirements for duct enclosure Condition A and B.

Model DW-3R is classified under UL2221 (Test of Fire Resistant Grease Duct Enclosure Assemblies) as an alternate to 2-Hr. fire resistive shaft enclosures with a reduced clearance to combustibles (sizes 8" to 24" diameter). Model 3R is listed in accordance with the requirements for duct enclosure Condition B.

Model DW-2R is classified under UL2221 (Test of Fire Resistant Grease Duct Enclosure Assemblies) as an alternate to 2-Hr. fire resistive shaft enclosures with a reduced clearance to combustibles (sizes 8" to 16" diameter). Model 2R is listed in accordance with the requirements for duct enclosure Condition B.

REVISIONS

REVISIONS	DESCRIPTION	DATE:



econ·air
www.econair.com
San Jose, CA
PHONE: (408) 418-1108 FAX: 9199004636 EMAIL: reg9@econair.com

VETERANS HALL ECON - Gilroy, CA rev3
Gilroy, CA, 95020

DATE: 6/10/2024

DWG.#: 6847224

DRAWN BY: RMM

SCALE: 3/4" = 1'-0"

MASTER DRAWING

SHEET NO. 5

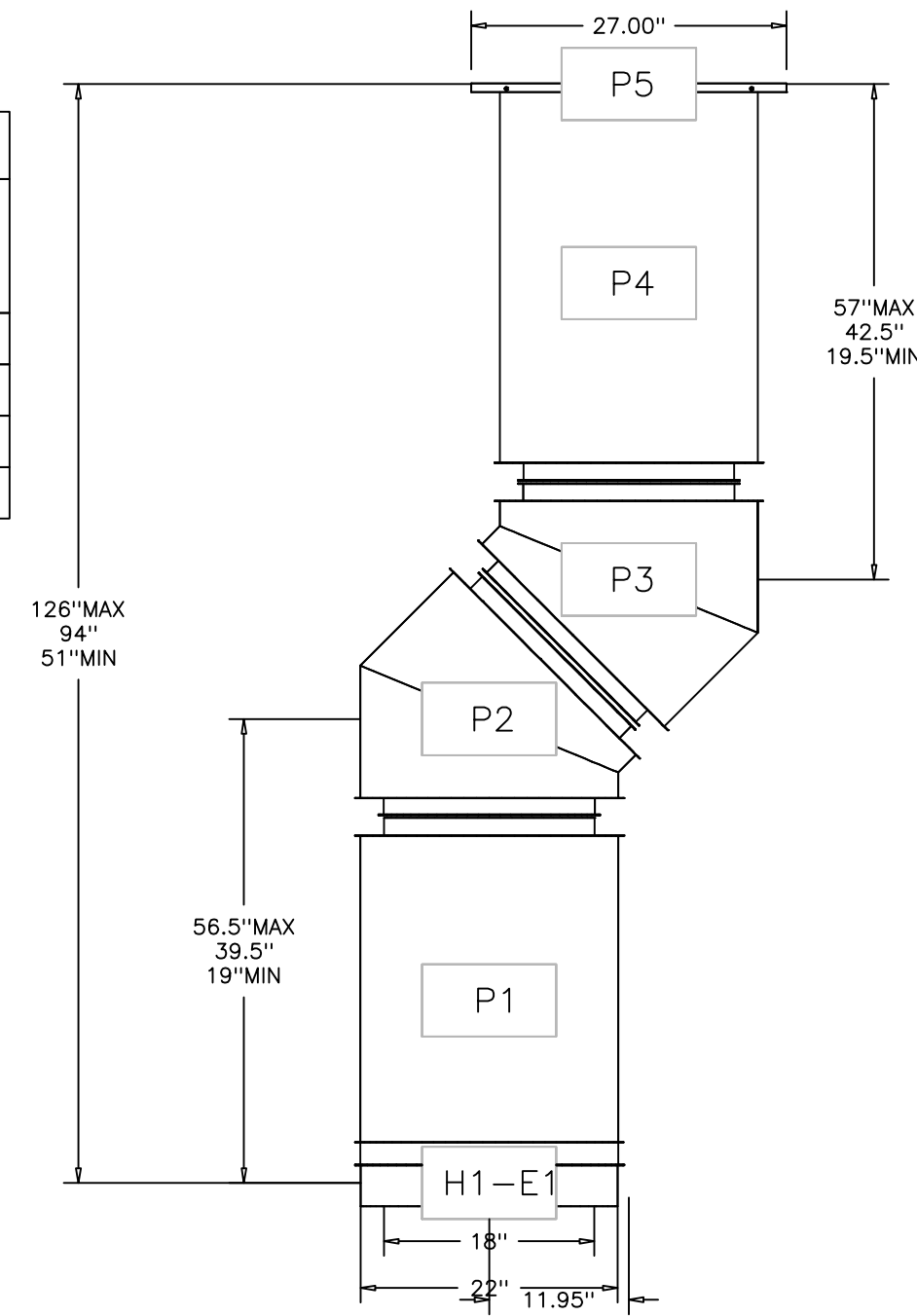
DOUBLE WALL FACTORY BUILT DUCTWORK

- ALL DUCTWORK IS REQUIRED TO BE INSTALLED WITH THE MAXIMUM SUPPORT SPACING LISTED BELOW.
- FOR A COMPLETE LIST OF APPROVED SUPPORT METHODS, SEE THE ENTIRE INSTALLATION AND OPERATION MANUAL.
- DUCTWORK SHALL SLOPE NOT LESS THAN 1/16" PER LINEAR FOOT TOWARDS THE HOOD OR AN APPROVED GREASE COLLECTION RESERVOIR.
- WHERE HORIZONTAL DUCTS EXCEED 75 FEET IN LENGTH, THE SLOPE SHALL NOT BE LESS THAN 3/16" PER LINEAR FOOT.

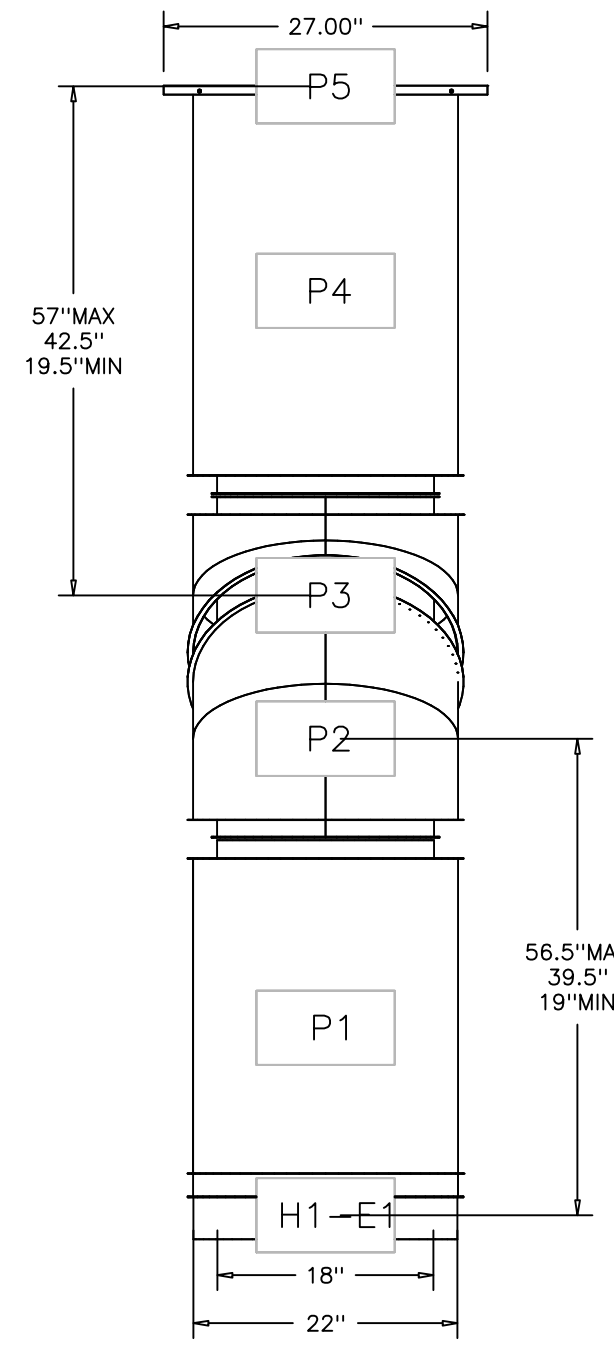
HORIZONTAL	
DUCT DIAMETER	SUPPORT SPACING (FT)
5"	7'
6"	7'
7"	7'
8"	7'
10"	7'
12"	7'
14"	7'
16"	7'
18"	5'
20"	5'
22"	5'
24"	5'
26"	5'
28"	5'
30"	5'
32"	5'
34"	5'
36"	5'

VERTICAL			
TYPE	WALL SUPPORT (FT)	CURB SUPPORT (FT)	FLOOR SUPPORT (FT)
2R & 2R HT (5"-16")	20'	24'	24'
2R (18")	18'	24'	24'
3R & 3Z (5"-24")	10'	24'	24'
3Z (26" -36")	10'	20'	20'

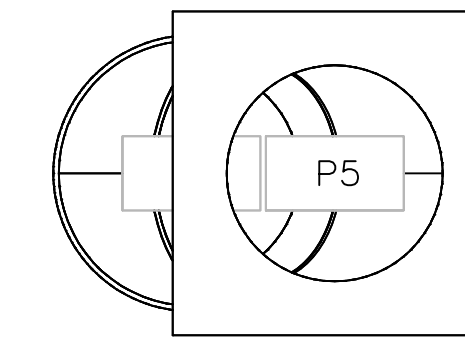
DUCTWORK #1 FRONT VIEW



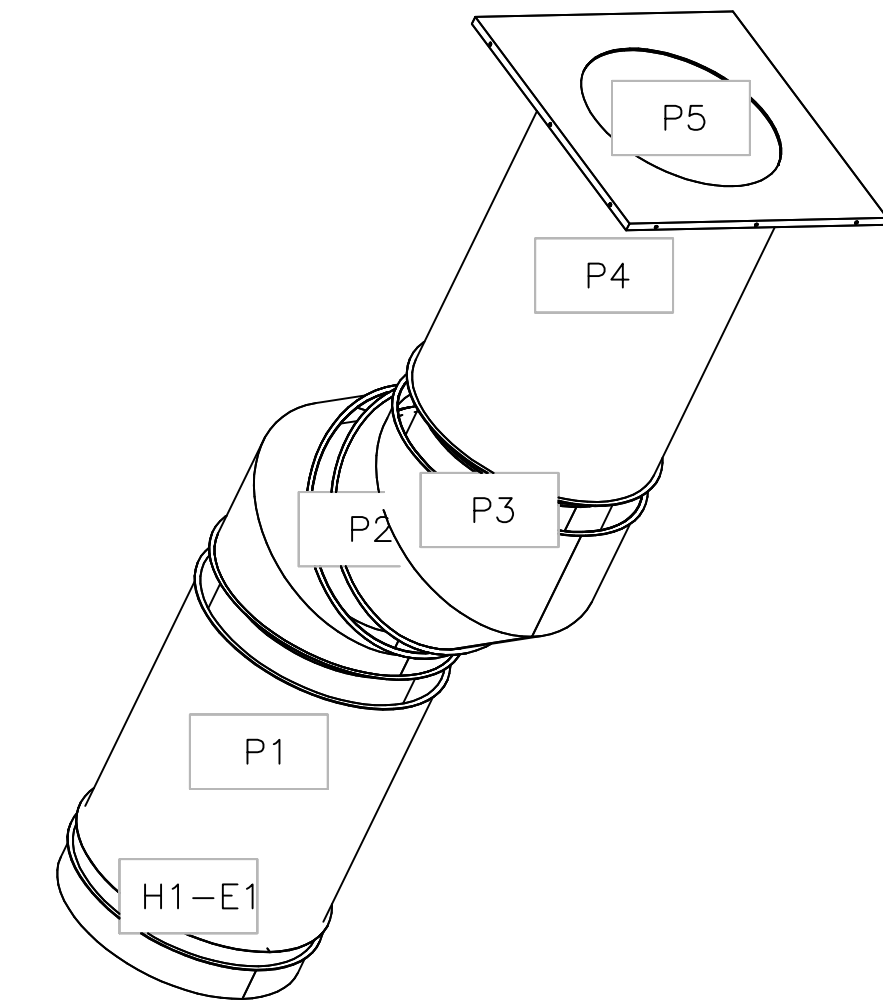
DUCTWORK #1 SIDE VIEW



DUCTWORK #1 TOP VIEW



DUCTWORK #1 SE VIEW



DO NOT LEAK TEST USING SMOKE BOMBS CONTAINING CHLORINES/CHLORIDES. CONSULT WITH CAPTIVEAIRE FOR PROPER LEAK TESTING METHODS.

REVISIONS	
DESCRIPTION	DATE

Secon·air
 www.seconair.com
 San Jose, CA
 San Jose, CA, PHONE: (408) 418 - 1108 FAX: 916004636 EMAIL: reg@seconair.com

VETERANS HALL ECON - Gilroy, CA rev3
 Gilroy, CA, 95020

DATE: 6/10/2024
 DWG.#: 6847224
 DRAWN BY: RMM
 SCALE: 3/4" = 1'-0"
 MASTER DRAWING

SHEET NO.
 6