

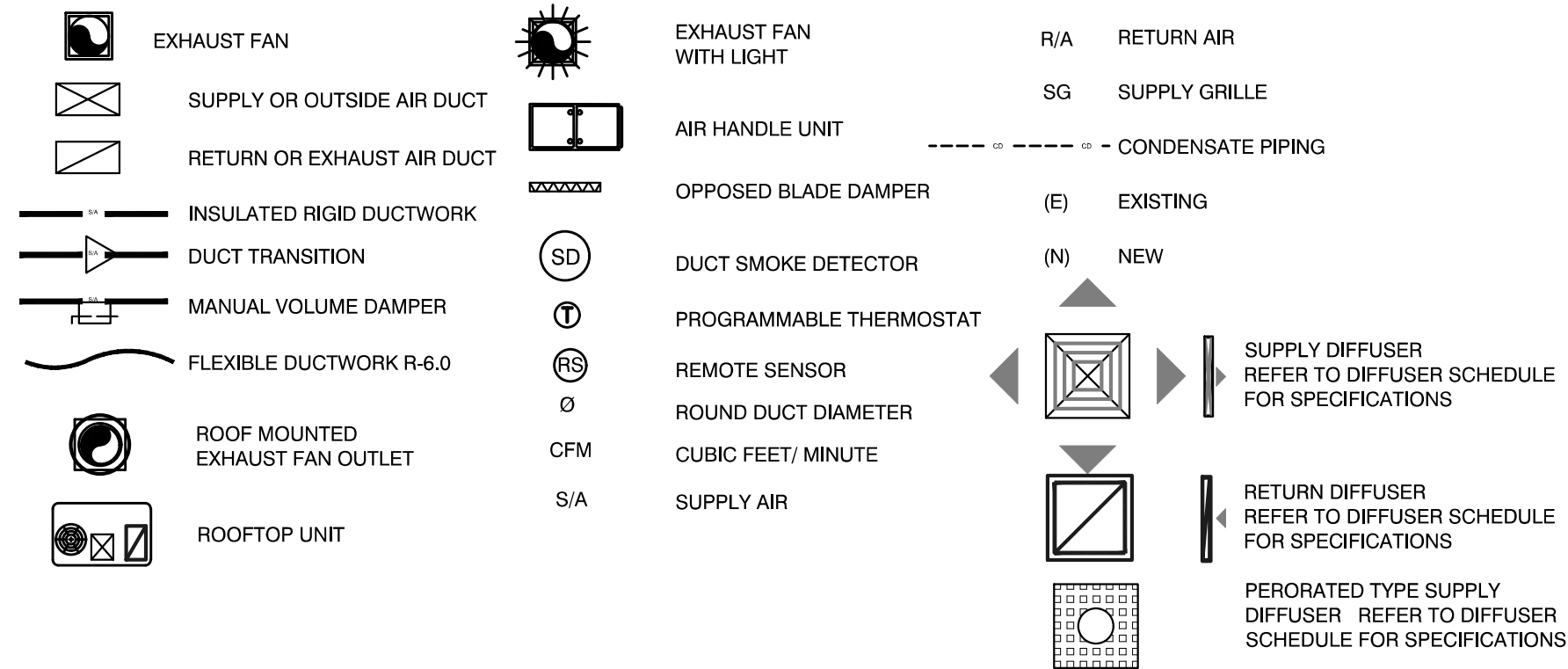
SCOPE OF WORK

PROVIDE ONE NEW 5.0 TON HEAT PUMP OUTDOOR SPLIT UNIT WITH TWO COMPATIBLE 2.5 TON AIR HANDLING UNIT. PROVIDE NEW DUCTWORK AND PROVIDE NECESSARY ACCESSORIES FOR COMPLETE HVAC SYSTEM.

PROVIDE ONE NEW RESTROOM EXHAUST FAN, ONE NEW KITCHEN EXHAUST FAN & ONE NEW OUTSIDE AIR FAN.

COORDINATE WITH GC ANY ADDITIONAL REFRIGERATION WORK REQUIRED AND WORK REQUIRED ON KITCHEN EXHAUST SYSTEMS AND WITH GC AND PLUMBING CONTRACTOR PROVIDING CONDENSATE LINES FOR MECHANICAL EQUIPMENT.

MECHANICAL SYMBOLS



NOTE: THIS PROJECT MAY NOT USE EVERY SYMBOL OR DEVICE APPEARING ON THIS LEGEND.

MECHANICAL PLAN NOTES

- PROVIDE ONE NEW 5.0 TON HEAT PUMP OUTDOOR SPLIT UNIT WITH TWO COMPATIBLE 2.5 TON AIR HANDLING UNIT. PROVIDE NEW DUCTWORK AND PROVIDE NECESSARY ACCESSORIES FOR COMPLETE HVAC SYSTEM.
- ALL DUCTS SHALL BE MINIMUM 26 GAUGE SHEET METAL WITH EXTERNAL DUCT WRAP INSULATION FOR CONCEALED DUCTS AND ALL EXPOSED DUCTS WITH INTERNAL INSULATION. ALL DUCTS TO BE MANUFACTURED AND INSTALLED ACCORDING TO ASHRAE AND SMACNA METAL DUCT CONSTRUCTION STANDARD, LATEST EDITION. ALL MATERIALS WILL CONFORM TO NFPA 90A.
- THERMOSTATS & HUMIDISTAT SHALL BE 7-DAY PROGRAMMABLE TYPE. MOUNT THERMOSTAT 48" A.F.F. COORDINATE LOCATION OF THERMOSTAT / HUMIDISTAT WITH ARCHITECT / OWNER.
- ALL SEAMS, JOINTS, ETC WILL BE SEALED TO MAKE AIR DUCT AIRTIGHT. PRESSURE SENSITIVE MATERIALS AND OTHERS APPROVED BY LATEST SMACNA. SEALING MATERIALS WILL BE USED.
- ALL INTERIOR AIR DUCTS WITH INSULATION SHALL HAVE A MINIMUM OF R-8 INSULATION AND EXTERIOR DUCTS SHALL HAVE R-8 INSULATION AS PER CALIFORNIA ENERGY CONSERVATION CODE.
- ALL EVAPORATOR UNITS SHALL HAVE A FLOAT SWITCH TO CONTROL OVERFLOW THAT WILL AUTOMATICALLY SHUT DOWN THE A/C SYSTEM. THE DEVICE SHALL BE ATTACHED TO THE SECONDARY DRAIN OUTLET ON THE UNIT.
- ALL HVAC UNIT CONDENSATE DRAINS WILL BE PVC FULL DIAMETER OF OUTLET AND WILL TERMINATE IN THE APPROVED PLACE OF DISPOSAL.
- ALL EQUIPMENT AND MATERIALS WILL BE INSTALLED ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS AND ACCORDING TO THE BEST PRACTICE.
- TESTING AND BALANCING SHALL BE DONE IN ACCORDANCE WITH THE NATIONAL ENVIRONMENTAL BALANCING BUREAU (N.E.B.B.), THE ASSOCIATED AIR BALANCE COUNCIL (A.A.B.C) NATIONAL STANDARDS OR EQUIVALENT PROCEDURES.
- HANGER ATTACHMENTS TO THE STEEL STRUCTURE WILL BE RATED POWDER ACTUATED FASTENERS, "C" CLAMPS, WELDED STUDS, CLAMP HANGERS, JOIST CLAMPS OR OTHER METHODS RECOMMENDED BY SMACNA'S "METAL AND FLEXIBLE STANDARDS", CHAPTER 4, AND WILL HAVE A MINIMUM SAFETY MARGIN OF 4:1. SUSPENDED FROM TOP CHORD OF JOISTS, NOTHING FROM DECK OR CROSS BRACING.
- ALL HVAC CONTROLS AND CONTROL WIRING SHALL BE PROVIDED BY THE MECHANICAL CONTRACTOR.
- ALL COMBUSTIBLE MATERIALS EXPOSED WITHIN THE PLENUM SPACE MUST COMPLY WITH CALIFORNIA MECHANICAL CODE 2022 SECTION 602.2. FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE-DEVELOPED RATING OF NOT MORE THAN 50.
- ENVIRONMENTAL EXHAUST DUCT TERMINATIONS SHALL BE NO CLOSER THAN 3' FROM A PROPERTY LINE OR 3' FROM OPENINGS BACK INTO THE BUILDING OR 3' TO THE WINDOW.
- PRODUCT CONVEYING EXHAUST TERMINATIONS MAY BE NO LESS THAN 10' ABOVE GRADE, TO THE PROPERTY LINE(SHOW PROPERTY LINES), OR FROM OPENING BACK THE BUILDING OR 3' FROM AN EXTERIOR WALL OR ROOF AS PER CALIFORNIA MECHANICAL CODE 2022 502.2.1
- FACTORY MADE FLEXIBLE AIR DUCTS AND CONNECTORS SHALL BE NOT MORE THAN 5 FEET IN LENGTH AND SHALL NOT BE USED IN LINE OF RIGID ELBOWS OR FITTINGS. FLEXIBLE AIR DUCTS SHALL BE PERMITTED TO BE USED AS AN ELBOW AT A TERMINAL DEVICE.
- PROVIDE FIRE/SMOKE + SMOKE COMBINATION DAMPERS WHEREVER REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS FOR SMOKE/FIRE RATING OF THE WALLS/SLABS/ROOF. COORDINATE ELECTRICAL POWER REQUIREMENT FOR DAMPER ACTUATORS WITH ELECTRICAL CONTRACTOR.

MECHANICAL ABBREVIATIONS

BD	BACK DRAFT DAMPER	HSFF	HEATING SEASONAL PERFORMANCE FACTOR
CDS	CEILING DIFFUSER SUPPLY	IEER	INTEGRATED ENERGY EFFICIENCY RATIO
CDR	CEILING DIFFUSER RETURN	SEER	SEASONAL ENERGY EFFICIENCY RATIO
CFM	CUBIC FEET OF AIR PER MINUTE	BEF	BATHROOM EXHAUST FAN
CD	CONDENSATE DRAIN	VD	VOLUME DAMPER
DN	DOWN	RTU	ROOF TOP UNIT
EER	ENERGY EFFICIENCY RATIO		
FC	FLEXIBLE CONNECTION		
OA	OUTSIDE AIR		
KEF	KITCHEN EXHAUST FAN		
SAE	SAME AS EXISTING		

CALIFORNIA BUILDING DEPARTMENT NOTES

ALL WORK SHALL COMPLY WITH APPLICABLE SECTIONS OF THE CALIFORNIA BUILDING CODE 2022, AND ALL AMENDMENTS AND RULES AND REGULATIONS OF THE DEPARTMENT OF THE BUILDINGS TO DATE.

- ALL HEATING AND COOLING LOADS CALCULATED PER ASHRAE/ACCA 183.
- VENTILATION FOR ALL AREA SHALL COMPLY WITH CALIFORNIA ENERGY CODE 2022, SECTION 120.1-REQUIREMENTS FOR VENTILATION AND INDOOR AIR QUALITY.
- MINIMUM TEMPERATURE TO BE MAINTAINED IN OCCUPIED SPACES DURING HEATING SEASON: 68 DEG. FAHRENHEIT.
- A STATEMENT SHALL BE FILED BY THE OWNER OR TENANT IN POSSESSION THAT THE VENTILATION SYSTEM WILL BE KEPT IN CONTINUOUS OPERATION AT ALL TIMES DURING THE NORMAL OCCUPANCY OF THE STRUCTURE.
- REFER TO ARCHITECTURAL DRAWINGS FOR REQUIRED FIRE-RATED WALL AND SMOKE WALL CONSTRUCTION AND LOCATION.
- THESE PLANS ARE APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION SPECIFICATION SHEET. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.
- TESTS OF MECHANICAL SYSTEMS SHALL BE PERFORMED IN ACCORDANCE WITH THE FOLLOWING SECTIONS OF THE CALIFORNIA MECHANICAL CODE 2022:
 - VENTILATION SYSTEM BALANCING CALIFORNIA MECHANICAL CODE 2022 - 402
- THE FOLLOWING WORK ITEMS, COMPONENTS, MATERIALS, CAPACITIES, ETC. SHALL COMPLY WITH THE REFERENCED CODE OR STANDARD:
 - STANDARDS OF HEATING - CALIFORNIA BUILDING CODE 2022 - 1203
 - DUCT CONSTRUCTION AND INSTALLATION- CALIFORNIA MECHANICAL CODE 2022 - 602 & 603
 - AIR INTAKES, EXHAUSTS AND RELIEF - CALIFORNIA MECHANICAL CODE 2022 -407.
 - AIR FILTERS - CALIFORNIA MECHANICAL CODE 2022 - 401 (FILTERS SHALL BE A MINIMUM OF MERV 13 AS REQUIRED BY CEN 120.1(C))
 - MANUAL AND AUTOMATIC FIRE AND SMOKE CONTROLS FOR AIR DISTRIBUTION SYSTEMS - CALIFORNIA MECHANICAL CODE 2022 - 606
- OPERATION AND CONTROL REQUIREMENTS FOR MINIMUM QUANTITIES OF OUTDOOR AIR, TIMES OF OCCUPANCY - THE MINIMUM RATE OF OUTDOOR AIR REQUIRED BY SECTION 120.1(C) SHALL BE SUPPLIED TO EACH SPACE AT ALL TIMES WHEN THE SPACE IS USUALLY OCCUPIED.
- ALL MECHANICAL EQUIPMENT SHALL BE TESTED BY A CALIFORNIA CERTIFIED ACCEPTANCE TEST TECHNICIAN.
- SMOKE DETECTOR SHALL MEET UL268A.
- VENTILATION SYSTEMS SHALL BE BALANCED TO MAINTAIN THE MINIMUM VENTILATION AIRFLOW RATE AS SHOWN IN VENTILATION REQUIREMENT TABLE. THIS SYSTEM SHALL BE BALANCED BY APPROVED METHOD. CONTRACTOR TO SUBMIT THE AIR - BALANCE REPORT TO INSPECTOR.

MECHANICAL GENERAL NOTES

- CONTRACTORS AND SUB-CONTRACTORS SHALL CAREFULLY REVIEW THE CONSTRUCTION DOCUMENTS. INFORMATION REGARDING THE COMPLETE WORK IS DISPERSED THROUGHOUT THE DOCUMENT SET AND CANNOT BE ACCURATELY DETERMINED WITHOUT REFERENCE TO THE COMPLETE DOCUMENT SET. PAY SPECIAL ATTENTION TO THE RESPONSIBILITY SCHEDULE. WORK DESIGNATED ON SCHEDULE SHALL BE CONSIDERED INCLUDED IN YOUR SCOPE OF WORK AND CONTRACT AMOUNT.
- CONTRACTOR TO VERIFY THAT ALL EQUIPMENT SHOWN AS EXISTING MATCHES THE DESCRIPTIONS AND SPECIFICATIONS SHOWN ON DRAWINGS AND SCHEDULES. IF DIFFERENT NOTIFY ARCHITECT/ENGINEER BEFORE BIDDING, ORDERING, OR PROCEEDING WITH WORK.
- DRAWINGS/DETAILS ARE TO BE CONSIDERED DIAGRAMMATIC, NOT NECESSARILY SHOWING IN DETAIL OR TO SCALE ALL MINOR ITEMS, UNLESS SPECIFIC DIMENSIONS ARE SHOWN. THE STRUCTURAL, ARCHITECTURAL AND SITE CONDITIONS SHALL GOVERN EXACT LOCATIONS. CONTRACTOR SHALL FOLLOW DRAWINGS IN LAYING OUT WORK, AND CHECK/COORDINATE DRAWINGS OF ALL TRADES.
- COORDINATE WITH THE WORK OF OTHERS SECTIONS, EQUIPMENT FURNISHED BY OTHERS, REQUIREMENTS OF THE OWNER, AND WITH THE CONSTRAINTS OF THE EXISTING CONDITIONS OF THE PROJECT SITE. PROVIDE DUCT RISERS AND DRIPS AS REQUIRED FOR FIELD INSTALLATION AND TRADE COORDINATION. NOTIFY ARCHITECT OF ANY DISCREPANCIES BEFORE STARTING WORK.
- DRAWINGS FOR HVAC WORK ARE DIAGRAMMATIC, SHOWING THE GENERAL LOCATION, TYPE, LAYOUT, AND EQUIPMENT REQUIRED. THE DRAWINGS SHALL NOT BE SCALED FOR EXACT MEASUREMENT. REFER TO MANUFACTURER'S STANDARD INSTALLATION DRAWINGS FOR EQUIPMENT CONNECTIONS AND INSTALLATION REQUIREMENTS. PROVIDE DUCTWORK, CONNECTIONS, ACCESSORIES, OFFSETS, AND MATERIALS NECESSARY FOR A COMPLETE SYSTEM.
- ALL WORK SHALL COMPLY WITH STATE AND LOCAL CODE REQUIREMENTS AS APPROVED AND AMENDED BY THE GOVERNING CITY. PURCHASE ALL PERMITS ASSOCIATED WITH THE WORK. OBTAIN ALL INSPECTIONS REQUIRED BY CODE.
- USE OF COMBUSTIBLE MATERIALS IS NOT ALLOWED IN THE RETURN AIR PLENUM. MATERIALS USED IN THE PLENUM SHALL HAVE FLAME SPREAD RATING NOT TO EXCEED 25, AND SMOKE DEVELOPED RATING NOT TO EXCEED 50 WHEN TESTED IN ACCORDANCE WITH ASTM E 84. ALL EXPOSED WIRING IN THE PLENUM SHALL BE PLENUM RATED.
- VERIFY LOCATION OF PERMISSIBLE NEW STRUCTURAL ROOF PENETRATIONS AND ADAPT THE REQUIRED DUCTS ACCORDINGLY. THE OPENINGS MUST BE LOCATED USING A REBAR LOCATOR, TRYING TO LEAVE A TRANSVERSE BAR WITHIN 4" FROM THE OPENING. LOCATE OPENINGS AT MID-DISTANCE BETWEEN THE STEMS OF THE DOUBLE TEE AND LONGITUDINAL REINFORCEMENT SHALL NEVER BE CUT. CALL THE ARCHITECT'S OFFICE IN CASE OF UNEXPECTED DIFFICULTIES.
- ALL A/C AND FRESH AIR ROUND EXPOSED DUCTS WILL BE SPIRAL GALVANIZED AND READY FOR PAINTING. ALL RECTANGULAR DUCTS OVER CEILINGS MAY BE SHEET METAL WITH EXTERNAL INSULATION. ALL SUPPLY GRILLS WILL BE DOUBLE DEFLECTION WITH VOLUME CONTROLS.
- G.C. SHALL CONTRACT LANDLORD-APPROVED ROOFING CONTRACTOR TO FLASH AND SEAL ALL ROOF PENETRATIONS TO MAINTAIN ROOFING WARRANTY.
- IF APPLICABLE CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR KITCHEN VENTILATION SYSTEM INCLUDING TYPE 1 HOOD AND FOR THE WALK-IN COOLER & FREEZER.
- REQUIRED INSURANCE SHALL BE PROVIDED BY THE PLUMBING CONTRACTOR FOR PROTECTION AGAINST PUBLIC LIABILITY AND PROPERTY DAMAGE FOR THE DURATION OF THE WORK.
- CONSTRUCTION "AS BUILT" DRAWINGS AND DOCUMENTS SHALL BE PROVIDED TO THE OWNER WITHIN 30 DAYS AFTER THE DATE OF ACCEPTANCE AND PROVIDE COPY TO LL.
- OPERATION MANUALS AND MAINTENANCE MANUALS SHALL BE PROVIDED TO THE BUILDING OWNER.

HEAT PUMP SYSTEM SCHEDULE

AIR HANDLER DATA	UNIT TAG	AHU-1(N)	AHU-2(N)
	UNIT TYPE	MULTI SPLIT HEAT PUMP	MULTI SPLIT HEAT PUMP
AREA SERVED	REFER PLAN	REFER PLAN	REFER PLAN
SUPPLY AIR (CFM)	875	875	
OUTSIDE AIR (CFM)	290	290	
STATIC PRESS. (E.S.P INCH OF W.C.)	0.5	0.5	
MANUFACTURER	LG (OR EQUIVALENT)	LG (OR EQUIVALENT)	
MODEL NO.	KNMLB241A(OR EQUIVALENT)	KNMLB241A(OR EQUIVALENT)	
WEIGHT, LBS	130.0	130.0	
VOLTS/PH/Hz	208/1/60	208/1/60	
FLA (A)	3.4	3.4	
MOCP (A)	TO BE POWERED BY HP-1(N)		

HEAT PUMP UNIT DATA	UNIT TAG	HP-1(N)
	AIR HANDLER SERVED	AHU-1(N) & AHU-2(N)
CAPACITY	5.0 TON	
REFRIGERANT	R32	
TOT. COOLING CAP. (MBH)	56.0	
TOT. HEATING CAP. (MBH) @17°F	56.5	
COMPRESSOR RLA	23.0	
OUTDOOR FAN FLA	1.3	
VOLTS/PH/Hz	208-230/1/60	
M.C.A. / MAX. CKT. BRKR. AMPS	33.3 / 40.0	
MANUFACTURER	LG (OR EQUIVALENT)	
MODEL	KUMXB601A (OR EQUIVALENT)	
SEER 2	18.5	
HSPF 2	9.5	
WEIGHT, LBS	220.0	

- NOTES FOR NEW HEAT PUMP SPLIT SYSTEM :-
- PROVIDE DISCONNECT SWITCH
 - COORDINATE FINAL LOCATION OF INDOOR AND OUTDOOR HEAT PUMP UNIT WITH ARCHITECT/OWNER/LANDLORD.
 - SUPPLY AIR CFM BASED ON HIGH SPEED.
 - REFRIGERANT R32 SHALL BE PROVIDED.
 - PROVIDE ALL ASSOCIATED ACCESSORIES.
 - ALL REFRIGERANT PIPING TO BE SIZED PER MANUFACTURERS RECOMMENDATIONS.
 - CONTRACTOR SHALL PROVIDE A LONG LINE SET FOR REFRIGERANT PIPING IN THE EVENT THAT TOTAL REFRIGERANT LENGTH EXCEEDS THE MANUFACTURERS STANDARD RECOMMENDED LENGTH. CONTRACTOR TO FIELD VERIFY THE EXACT TOTAL REFRIGERANT LENGTH AND COORDINATE WITH THE MANUFACTURER PRIOR ORDERING UNIT
 - PROVIDE DRAIN PAN WITH WATER LEAK DETECTOR.
 - VERIFY ALL DATA WITH MANUFACTURER PRIOR TO ORDERING EQUIPMENT.
 - PROVIDE CONDENSATE DRAIN PUMP IF REQUIRED. ROUTE CONDENSATE DRAIN FROM AHU-1(N) & AHU-2(N) TO THE NEAREST STORM DRAINAGE DISCHARGE NETWORKS PER LOCAL CODE. COORDINATE WITH PLUMBING CONTRACTOR. THE CONDENSATE PUMP SHALL BE OF MAKE ASPEN - MINI ORANGE MODEL. CONTRACTOR TO COORDINATE COMPATIBILITY AND EXACT ELECTRICAL REQUIREMENTS WITH MANUFACTURER PRIOR BASE BID/CONSTRUCTION.
 - CONDENSING UNIT TO BE SELECTED AT 99°F AMBIENT CONDITION.
 - PROVIDE ACCESS DOOR FOR THE INDOOR UNIT IN COORDINATION WITH ARCHITECT.
 - PROVIDE MERV13 FILTERS ON THE RETURN SIDE.
- CONTRACTOR SHALL VERIFY EXACT ELECTRICAL CONNECTIONS, WIRE SIZES, BREAKERS, DISCONNECT ETC. PRIOR TO ORDERING AND BID. INDOOR UNITS TO BE POWERED BY HP-1(N) THROUGH BRANCH DISTRIBUTION UNIT. CONTRACTOR TO INSTALL AND CONNECT AS PER MANUFACTURERS INSTRUCTIONS.

EXHAUST FAN SCHEDULE

DESIGNATION	EF-1(N)	KEF-1(N)	OAF-1(N)
STATUS	NEW	NEW	NEW
QUANTITY	1	1	1
MANUFACTURER	GREENHECK	GREENHECK	GREENHECK
MODEL	SP-B110	SP-A700-VG	SQ-7-M1-VG
CFM	70@ 0.7" ESP	330@ 0.7" ESP	580@ 0.7" ESP
WATTS / [HP]	80	101	[1]2
FLA(AMPS)	1.15	4.1	6.6
WEIGHT (LBS)	15	40	50
VOLTAGE	115/1/60	115/1/60	115/1/60

- OPTIONS FOR BEF-1(N)
- KEF-1(N) SHALL BE INTERLOCKED WITH AHU-1(N).
 - EF-1(N) SHALL BE INTERLOCKED WITH ROOM LIGHTS.
 - UNIT MOUNTED DISCONNECT SWITCH AND SPEED CONTROLLER
 - PROVIDE BACK DRAFT DAMPER.
 - OAF-1(N) SHALL BE INTERLOCKED WITH AHU-1(N) & AHU-2(N).

VENTILATION REQUIREMENTS AS PER TITLE 24, BUILDING ENERGY EFFICIENCY CODE 2022 CALIFORNIA TABLE 120.1-A

OUTSIDE AIR CALCULATIONS	
PREP KITCHEN	465 SQ. FT. X 0.5 CFM/SQ. FT. = 233 CFM
SALES	220 SQ. FT. X 0.25 CFM/SQ. FT. = 55 CFM
DINING	445 SQ. FT. X 0.50 CFM/SQ. FT. = 223 CFM
STORAGE	220 SQ. FT. X 0.15 CFM/SQ. FT. = 33 CFM
OUTSIDE AIR REQUIRED	544 CFM

EXHAUST AIR CALCULATIONS	
PREP KITCHEN	465 SQ. FT. X 0.7 CFM/SQ. FT. = 326 CFM
RESTROOM	70 CFM PER NO. OF FIXTURE X FIXTURE(#1)
EXHAUST AIR REQUIRED	396 CFM

AIR BALANCE	
O/A PROVIDED BY OAF-1(N)	+580 CFM
KEF-1(N)	-330 CFM
EF-1(N)	-70 CFM
BUILDING PRESSURE	+180 CFM

NECK SIZE TABLE -A

NECK SIZE	CFM RANGE
06"	0-100
08"	101-200
010"	201-400
012"	401-600

DIFFUSER SCHEDULE

MANUFACTURER	TITUS	TITUS	TITUS	TITUS	TITUS
DESIGNATION	A	A1	B	R	R1
USE	SUPPLY	SUPPLY	SUPPLY	RETURN	RETURN
MODEL	TDC-AA	300 FL	CT-480	56FL	CT-480
MOUNTING	CEILING	DUCT/WALL	CEILING	CEILING	CEILING
LOCATION	SEE PLAN	SEE PLAN	SEE PLAN	SEE PLAN	SEE PLAN
FACE SIZE	24" X 24"	SEE PLAN	48"x5"	AS SHOWN	48"x5"
NECK SIZE	REFER TABLE A	-	-	AS SHOWN	-
FRAME TYPE	LAY IN / FLANGED	FLANGED	FLANGED	LAY IN/FLANGED	FLANGED
NOISE CRITERIA	<30	<30	<30	<30	<30
ACCESSORIES	VOLUME DAMPER	VOLUME DAMPER	CONTINUOUS PLENUM BOX	VOLUME DAMPER	CONTINUOUS PLENUM BOX

- NOTES:
- MOUNTING FRAME TYPE SHALL BE COORDINATED WITH CEILING/ WALL CONSTRUCTION.
 - COORDINATE FINAL FINISH/COLOR WITH ARCHITECT/OWNER.
 - PROVIDE ROUND TO SQUARE NECK ADAPTOR IF REQUIRED.
 - PROVIDE 4 WAY AIR THROW PATTERN UNLESS NOTES OR INDICATED.
 - CONTRACTOR SHALL INSTALL ALL AIR TERMINALS IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS, INCLUDING ALL NECESSARY ACCESSORIES.
 - CABLE OPERATED DAMPERS SHALL BE PROVIDED FOR ANY DIFFUSERS/GRILLES INSTALLED IN THE HARD CEILING AREA.
 - LINEAR BAR GRILLE (MODEL: CT-480) SHALL HAVE HIGH-THROW PATTERN FOR SUPPLY GRILLE AND SHALL BE EQUIPPED WITH CONTINUOUS PLENUM TO BE PROVIDED BY THE CONTRACTOR.

BRANCH DISTRIBUTION BOX

UNIT TAG	SERVING	TYPE	ODU PIPING CONNECTION	IDU PIPING CONNECTION	ELECTRICAL DATA	RATED AMPS	WEIGHT (LBS)	MODEL		
BB-1	SEE PLAN	2 PORT	3/8	3/4	1/4	3/8	208-230/60/1	0.34	20	PMBD3620ZR (OR EQ)

NOTES:
UNIT TO BE INSTALLED AS PER MANUFACTURERS RECOMMENDATIONS

PROJECT

OK POKE

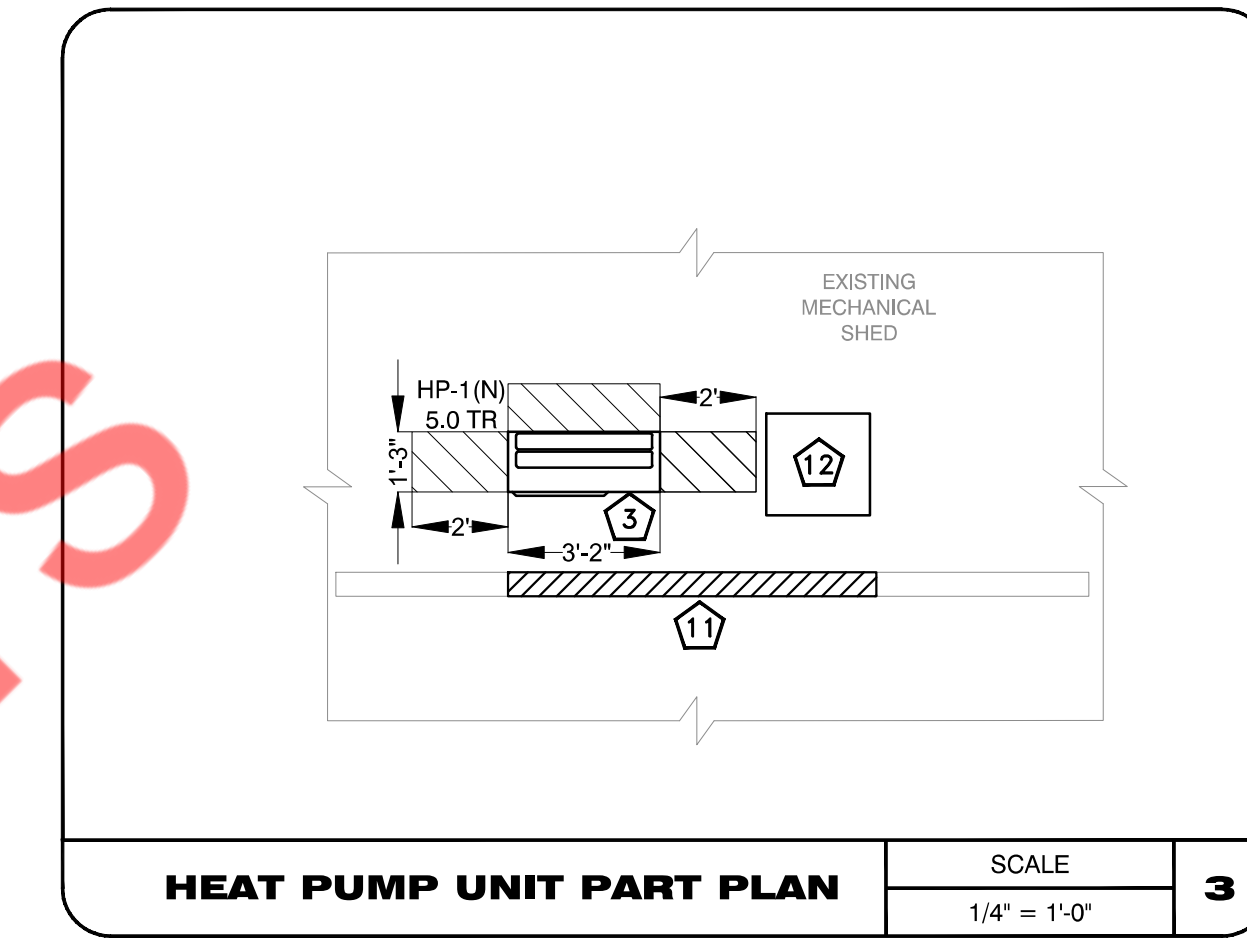
REVISIONS DATES:

08/26/2025	PROJECT CORD.
11/11/2025	OWNER CHANGES

MECHANICAL NOTES & SCHEDULES

FLOOR PLAN GENERAL NOTES

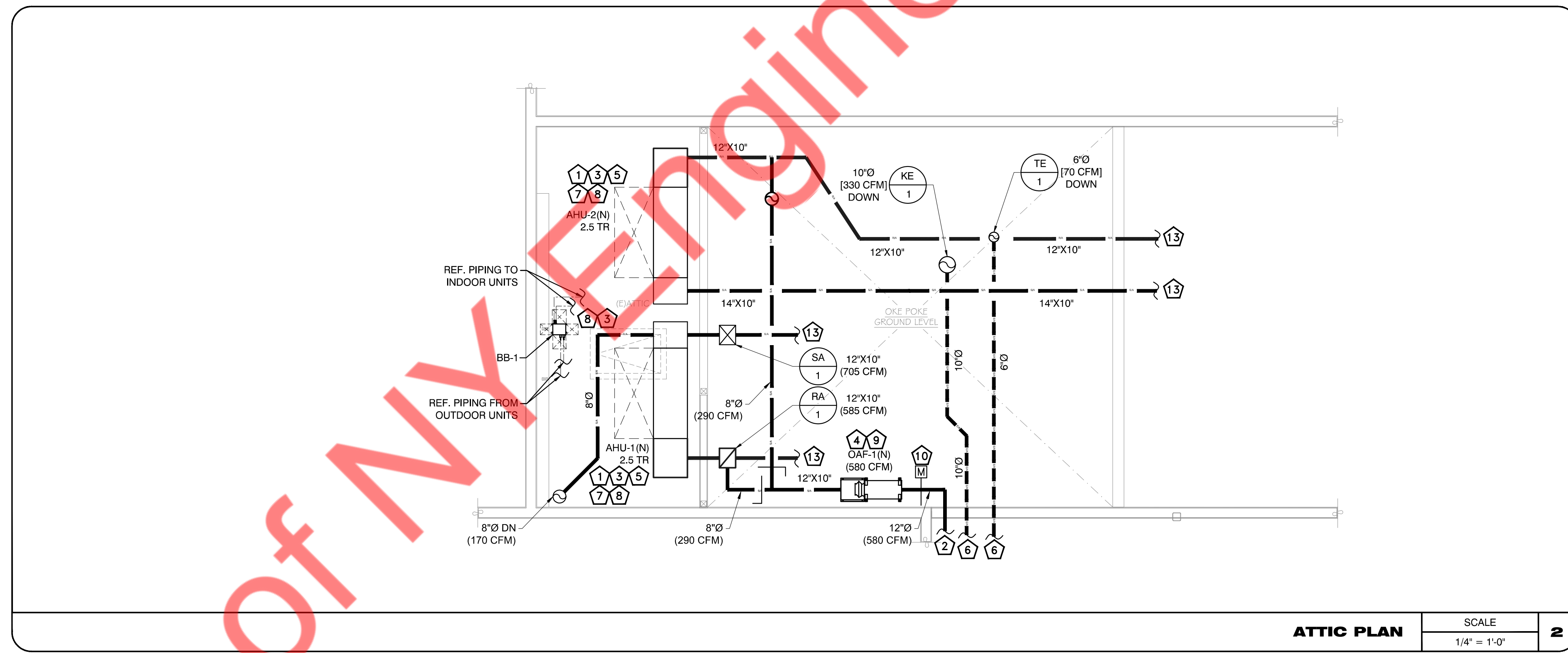
- A. CONTRACTOR TO VISIT SITE TO VERIFY ON FIELD CONDITION ALONG WITH THE DRAWINGS & INFORM THE ENGINEER FOR ANY DISCREPANCIES FOUND BEFORE COMMENCING BIDS.
- B. CONTRACTOR SHALL BALANCE EACH AIR DIFFUSER WITH THE CFM SHOWN ON THE PLAN.
- C. DUCTWORK SHOWN ON PLAN ARE SCHEMATIC ONLY. CONTRACTOR SHALL COORDINATE WITH OTHER TRADES FOR DUCTWORK ROUTING, OFFSET AND RUN DUCTWORK INSIDE THE STRUCTURE IF REQUIRED. PROVIDE ANY EXTRA DUCTWORK, FITTINGS, INSULATIONS AND OTHER ACCESSORIES IN ORDER TO COMPLETE THE INSTALLATION.
- D. COORDINATE LOCATIONS AND SIZES OF ROOF OPENINGS WITH OWNER AND STRUCTURE ENGINEERS.
- E. EQUIPMENT SIZES, DIMENSIONS AND REQUIRED CONNECTIONS SHALL BE VERIFIED WITH THE ACTUAL EQUIPMENT SELECTED VENDOR DRAWINGS BEFORE FABRICATION OF DUCTWORK, PIPING ETC.
- F. DUCT SIZES SHOWN ON PLANS ARE CLEAR INSIDE AIR STREAM DIMENSIONS.
- G. CONTRACTOR SHALL COORDINATE ALL ELECTRICAL REQUIREMENTS FOR ALL HVAC BASED ON ACTUAL EQUIPMENT SELECTED PRIOR TO INSTALLATION.
- H. ALL EXPOSED ROUND DUCTWORK SHALL BE INTERNALLY INSULATED. ALL CONCEALED DUCTWORK SHALL BE EXTERNALLY INSULATED.
- I. COORDINATE WITH ALL TRADES FOR MATERIALS IN RATED AND PLENUM SPACES.
- J. COORDINATE FINAL LOCATION OF EQUIPMENT WITH STRUCTURAL DRAWINGS.
- K. TAKE NECESSARY PRECAUTIONS TO PREVENT DUST AND DIRT MIGRATING TO OCCUPIED AREAS OF THE BUILDING. THIS INCLUDES BLANKING OFF ANY RETURN AIR GRILLES/ DUCTS IN THE WORK AREA. PROVIDE TEMPORARY EXHAUST FANS, DUCTED DIRECTLY TO OUTDOORS, TO MAINTAIN NEGATIVE PRESSURE WITHIN THE WORK AREA.
- L. KEEP ALL ADJOINING AREAS ADJACENT TO THE WORK AREAS CLEAN AND FREE OF DEBRIS.
- M. MECHANICAL CONTRACTOR TO COORDINATE ALL DUCT WORK, CROSSINGS, OVERLAPPING AND PENETRATIONS WITH SITE CONDITIONS AND AS PER EXISTING JOIST LAYOUT, SKYLIGHT AND BEAM IN FIELD. MODIFY DUCT WORK WHEREVER REQUIRED.
- N. CONTRACTOR TO VERIFY ON SITE ALL OUTSIDE AIR & EXHAUST AIR WALL PENETRATIONS/TERMINATION. INFORM ENGINEER IF ANY DISCREPANCY FOUND.
- O. PROVIDE FIRE OR FIRE+SMOKE DAMPER WHEREVER DUCTS ARE CROSSING FIRE/SMOKE RATED WALLS/BARRIERS/SLABS/ROOF. COORDINATE WITH ARCHITECTURAL DRAWING FOR FIRE RATING OF THE WALLS.
- P. FACTORY-MADE FLEXIBLE AIR DUCTS AND CONNECTORS SHALL BE NOT MORE THAN 5 FEET IN LENGTH AND SHALL NOT BE USED IN LIEU OF RIGID ELBOWS OR FITTINGS.



HEAT PUMP UNIT PART PLAN SCALE 1/4" = 1'-0" **3**

ATTIC PLAN & PART PLAN KEY NOTES

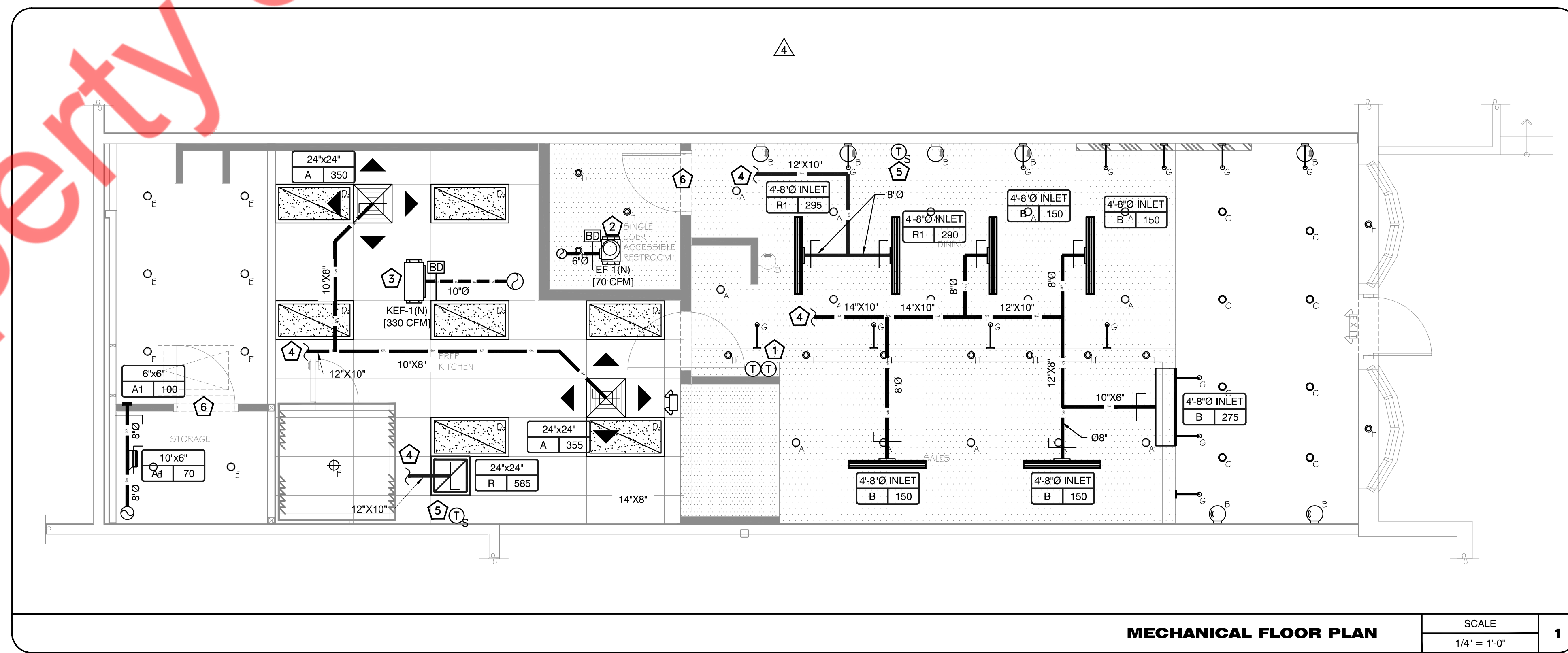
- 1. PROVIDE 3/4" CONDENSATE DRAIN WITH CONDENSATE DRAIN PUMP TO NEAREST STORM DRAINAGE SYSTEM. COORDINATE WITH PLUMBING CONTRACTOR. THE CONDENSATE PUMP SHALL BE OF MAKE ASPEN - MINI ORANGE MODEL. CONTRACTOR TO COORDINATE COMPATIBILITY AND EXACT ELECTRICAL REQUIREMENTS WITH MANUFACTURER PRIOR BASE BID/CONSTRUCTION.
- 2. CONTRACTOR TO COORDINATED WITH BUILDING MANAGER/ LANDLORD FOR THE TERMINATION OF THE OUTSIDE AIR DUCT FROM THE OAF-1(N). MAINTAIN MINIMUM 10'-0" LINEAR DISTANCE FROM ANY EXHAUST AIR TERMINATION.
- 3. INSTALL REFRIGERANT PIPING BETWEEN OUTDOOR UNIT TO THE BRANCH BOX AND BRANCH BOX TO THE INDOOR UNITS AS PER THE MANUFACTURERS RECOMMENDATION. PROVIDE INSULATION TO REFRIGERANT PIPING AS PER THE CALIFORNIA ENERGY CODE 2022. COORDINATE REFRIGERANT PIPE ROUTING WITH ARCHITECT/OWNER/BUILDING MANAGER.
- 4. INLINE OUTSIDE AIR FAN OAF-1(N). INTERCONNECT THE OAF-1(N) FAN WITH THE AHU-1(N), AHU-2(N). FAN SHALL BE SUSPENDED FROM STRUCTURE VERIFY EXACT LOCATION OF STRUCTURAL MEMBERS PRIOR TO INSTALLATION.
- 5. EXTEND FULL SIZE SUPPLY & RETURN DUCTWORK FROM AHU'S TO SPACE. EXTEND AS SHOWN. ACOUSTICALLY LINE THE FIRST 10'-0" OF BOTH SUPPLY AND RETURN MAIN DUCTS.
- 6. CONTRACTOR TO COORDINATED WITH BUILDING MANAGER / LANDLORD FOR THE TERMINATION OF THE EXHAUST DUCT FROM THE EF-1(N) & KEF-1(N). AS PER 2022 CMC.502.2.1 ALL EXHAUST SHALL TERMINATE NOT LESS THAN 3 FEET FROM A PROPERTY LINE, 10 FEET FROM A FORCED AIR INLET, 10 FEET ABOVE A PUBLIC WALKWAY, AND 3 FEET FROM OPENINGS INTO THE BUILDING.
- 7. PROVIDE SECONDARY DRIP PAN UNDER AHU UNIT WITH WATER LEAKAGE SENSOR AND ALARM TO SHUT THE UNIT.
- 8. COORDINATE WITH ARCHITECT/ OWNER FOR THE FINAL LOCATION OF THE NEW AIR HANDLING UNITS AND BRANCH DISTRIBUTION BOX (BB-1).
- 9. CONTRACTOR TO INSTALL THE OAF-1(N) AS LOW AS POSSIBLE ABOVE THE CEILING SPACE. FIELD COORDINATE THE FINAL LOCATION OF THE OAF-1(N).
- 10. MD TO BE INTERLOCKED WITH OAF-1(N).
- 11. EXISTING LOUVERED OPENING IN THE EXISTING MECHANICAL SHED, CONTRACTOR TO FIELD VERIFY THE EXACT SIZE AND LOCATION OF THE LOUVERED OPENINGS & SHED WITH THE BUILDING MANAGER.
- 12. WALK-IN COOLER CONDENSING UNIT SHOWN FOR REFERENCE ONLY.
- 13. REFER TO THE FLOOR PLAN FOR CONTINUATION.



ATTIC PLAN SCALE 1/4" = 1'-0" **2**

FLOOR PLAN KEY NOTES

- 1. LOCATION OF DIGITAL THERMOSTAT CONTROL FOR AHU-1(N) & AHU-2(N). COORDINATE EXACT LOCATION WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN. PROVIDE LOCKABLE COVER.
- 2. CEILING MOUNTED EXHAUST FAN EF-1(N). INTERCONNECT THE EXHAUST FAN WITH THE ROOM LIGHTS. FAN SHALL BE SUSPENDED FROM STRUCTURE ABOVE. VERIFY EXACT LOCATION OF STRUCTURAL MEMBERS PRIOR TO INSTALLATION.
- 3. CEILING MOUNTED EXHAUST FAN KEF-1(N). INTERCONNECT THE EXHAUST FAN WITH THE AHU-1(N). FAN SHALL BE SUSPENDED FROM STRUCTURE ABOVE. VERIFY EXACT LOCATION OF STRUCTURAL MEMBERS PRIOR TO INSTALLATION.
- 4. REFER TO THE ATTIC PLAN FOR CONTINUATION.
- 5. PROVIDE REMOTE TEMP SENSOR MOUNTED IN THE SPACE AND WIRE BACK TO THE RESPECTIVE T-STAT.
- 6. PROVIDE 3/4" DOOR UNDECUT.



MECHANICAL FLOOR PLAN SCALE 1/4" = 1'-0" **1**

OKE POKE

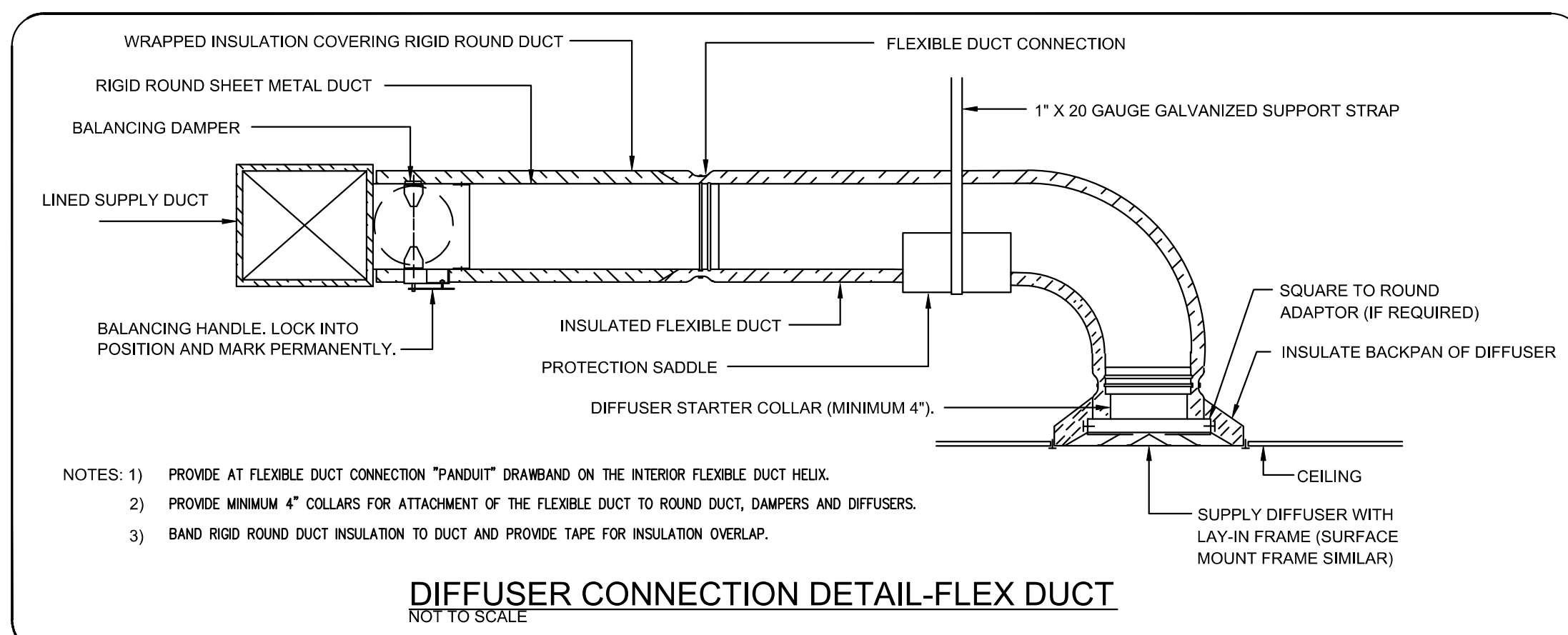
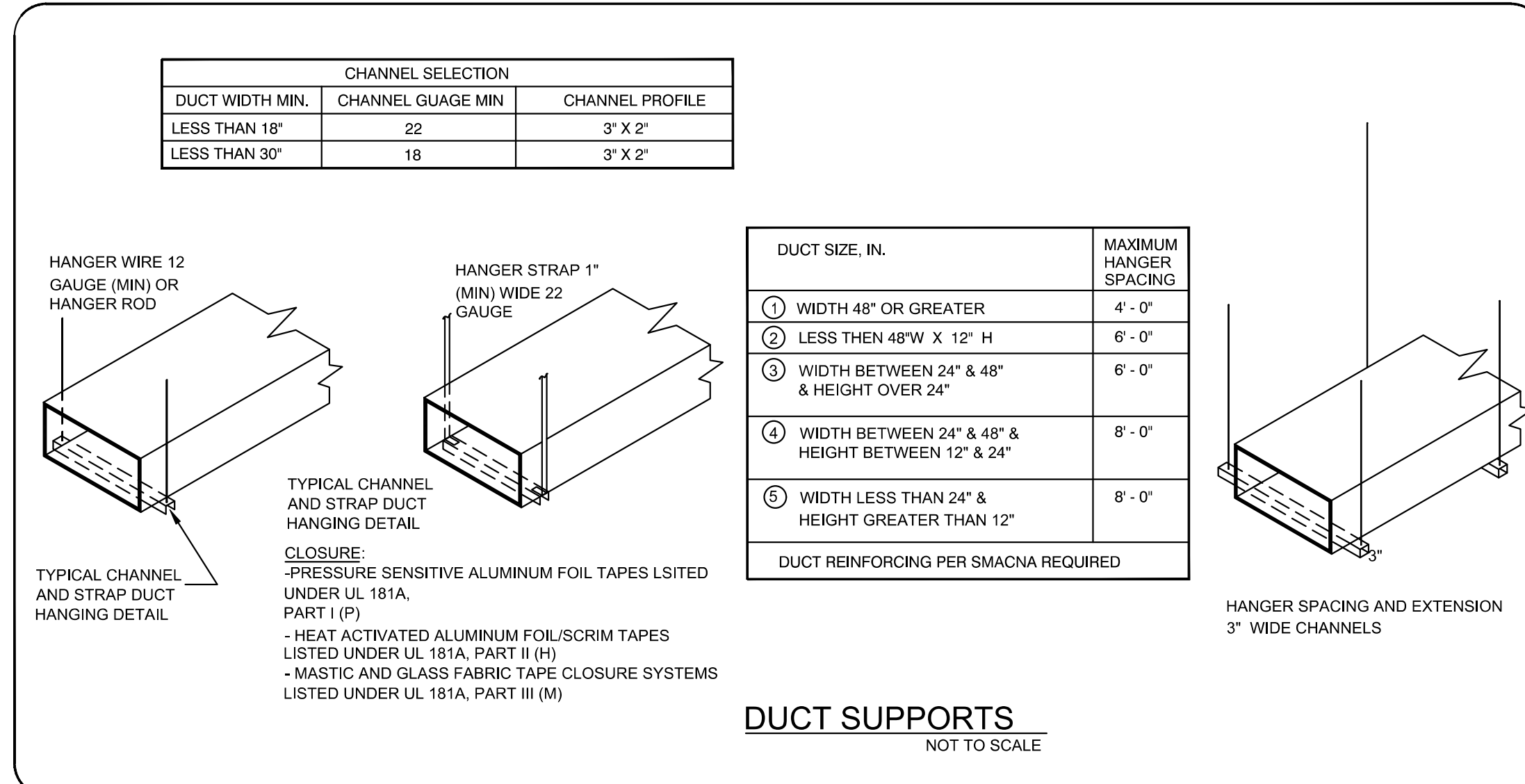
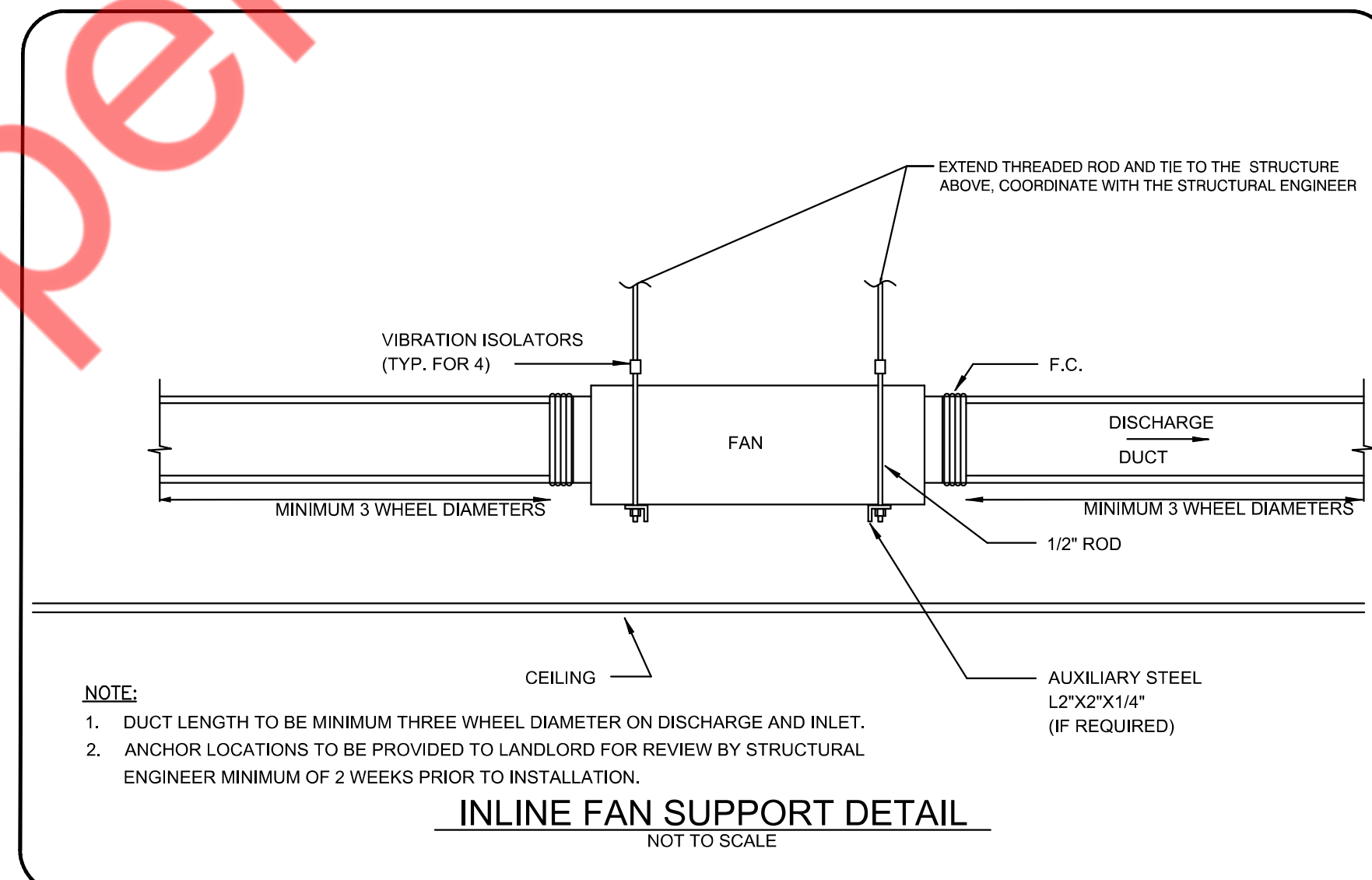
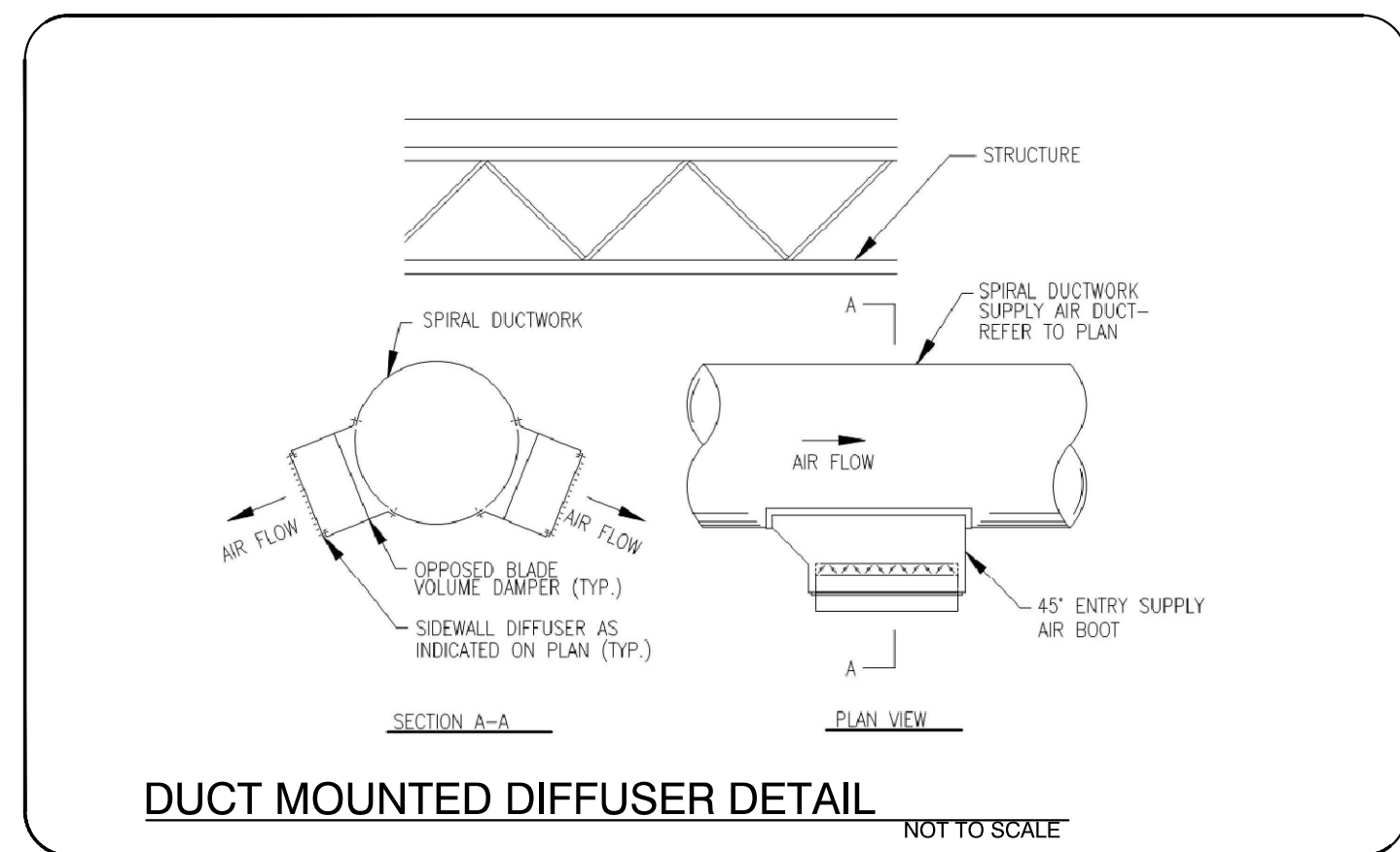
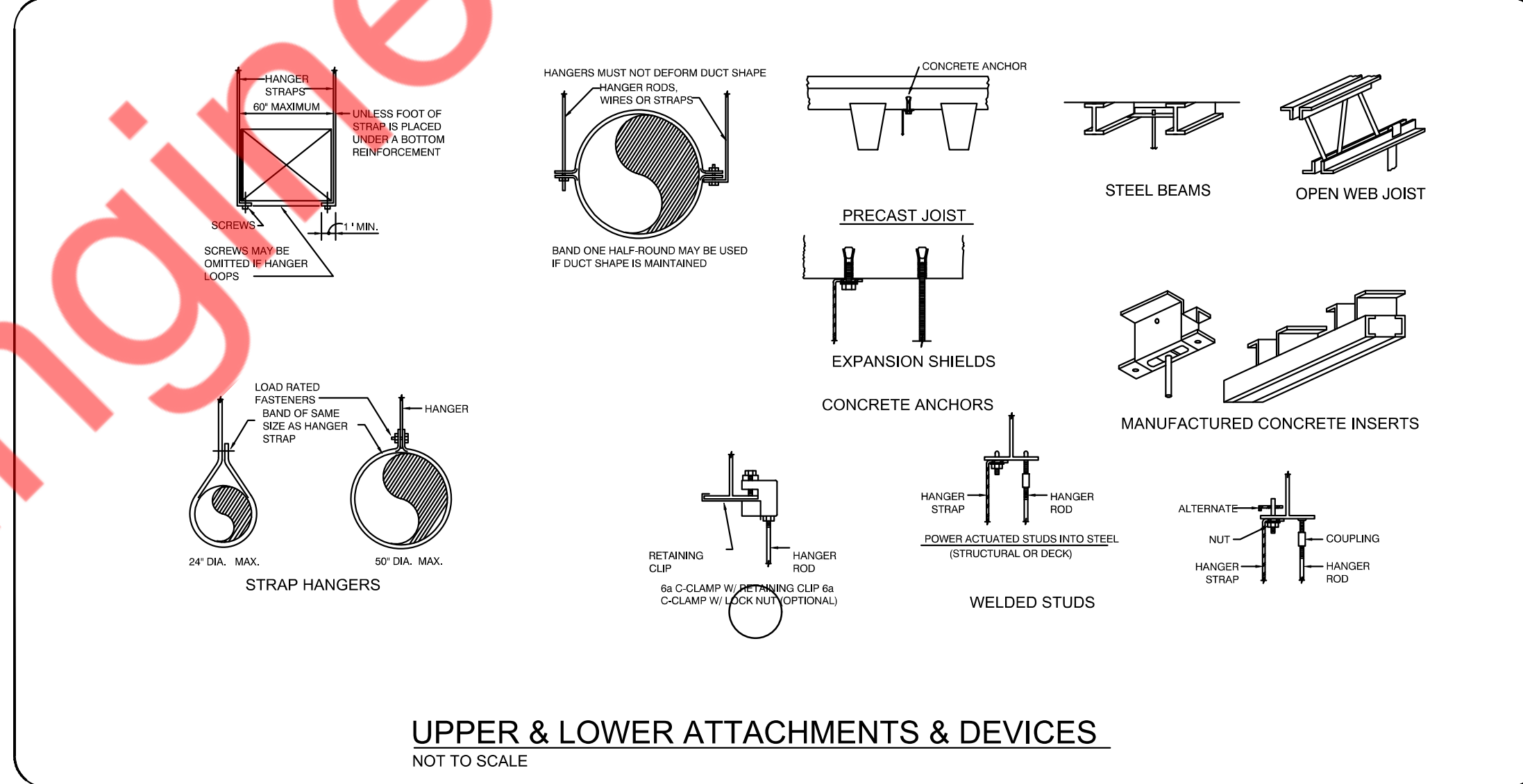
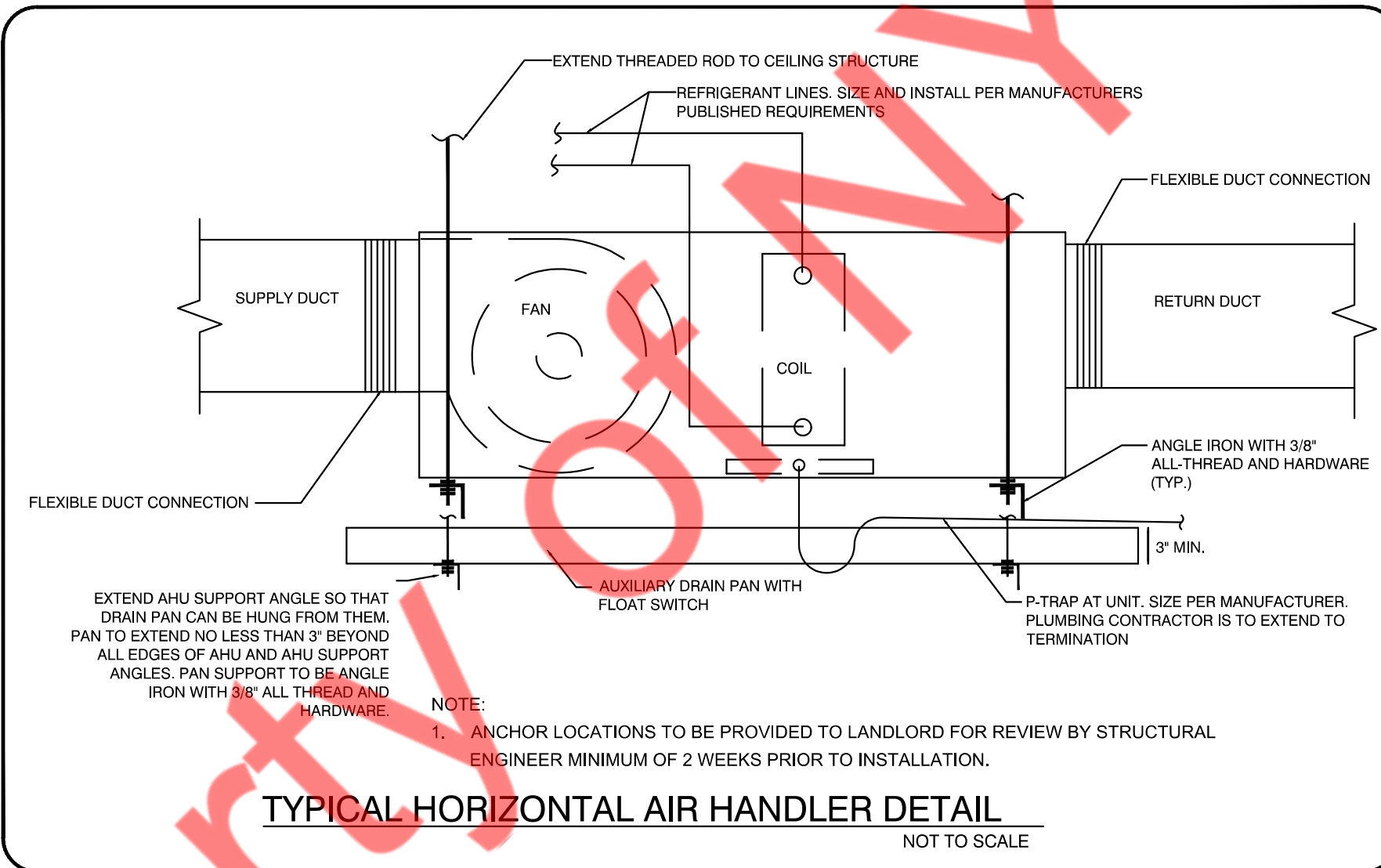
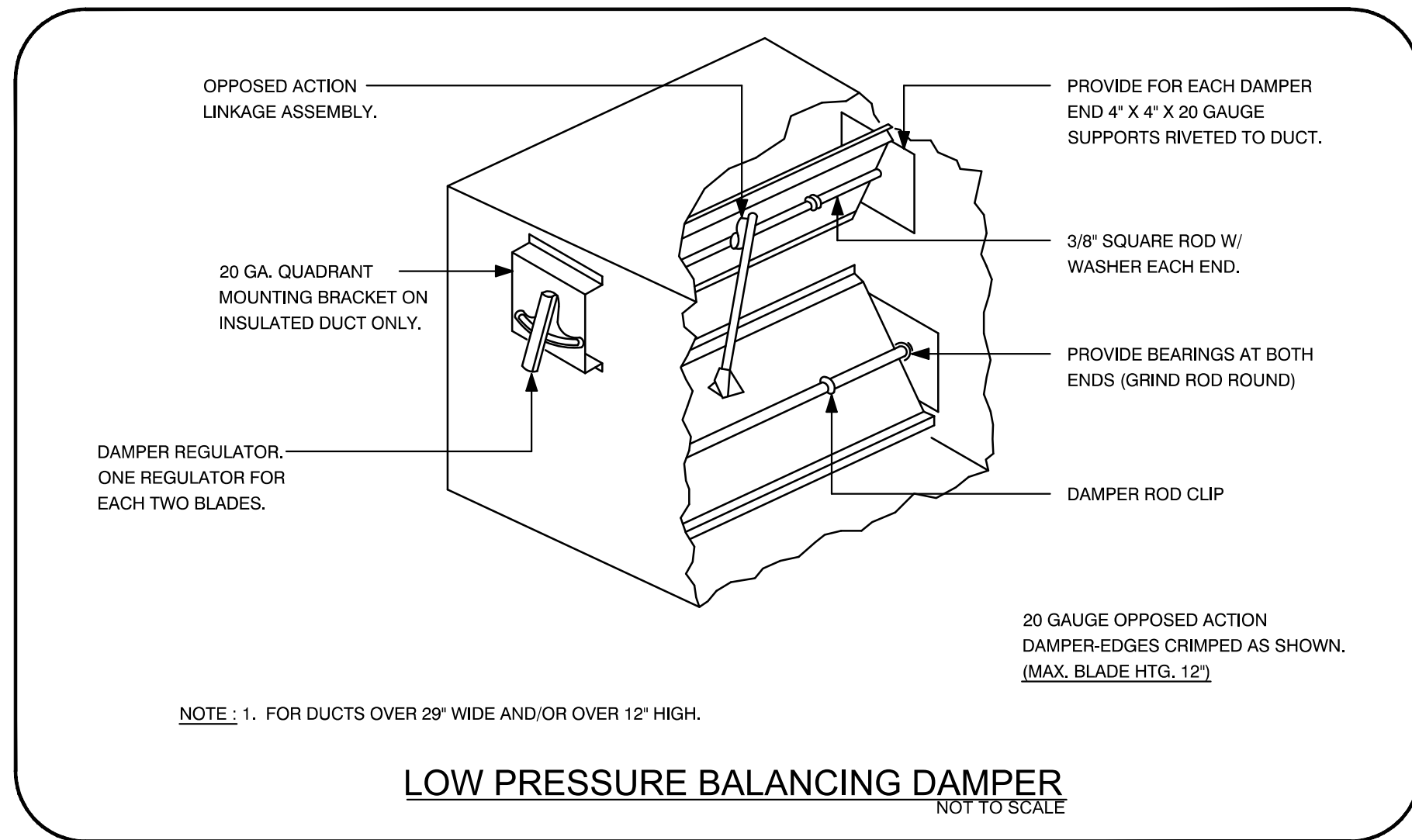
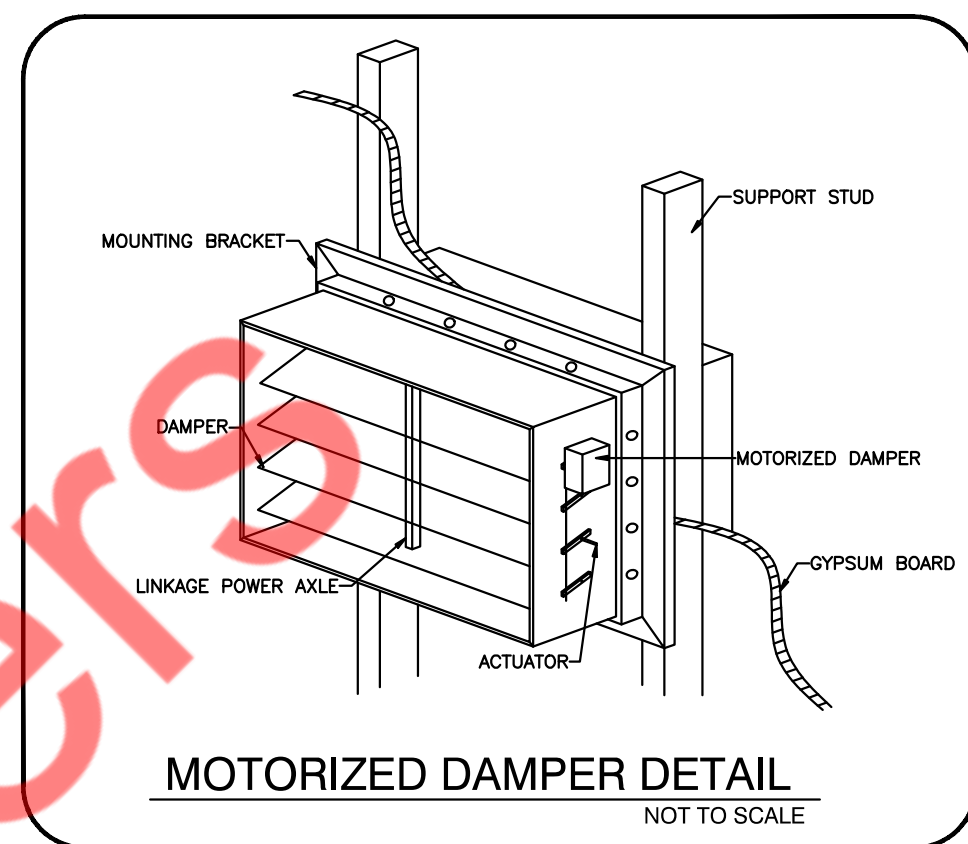
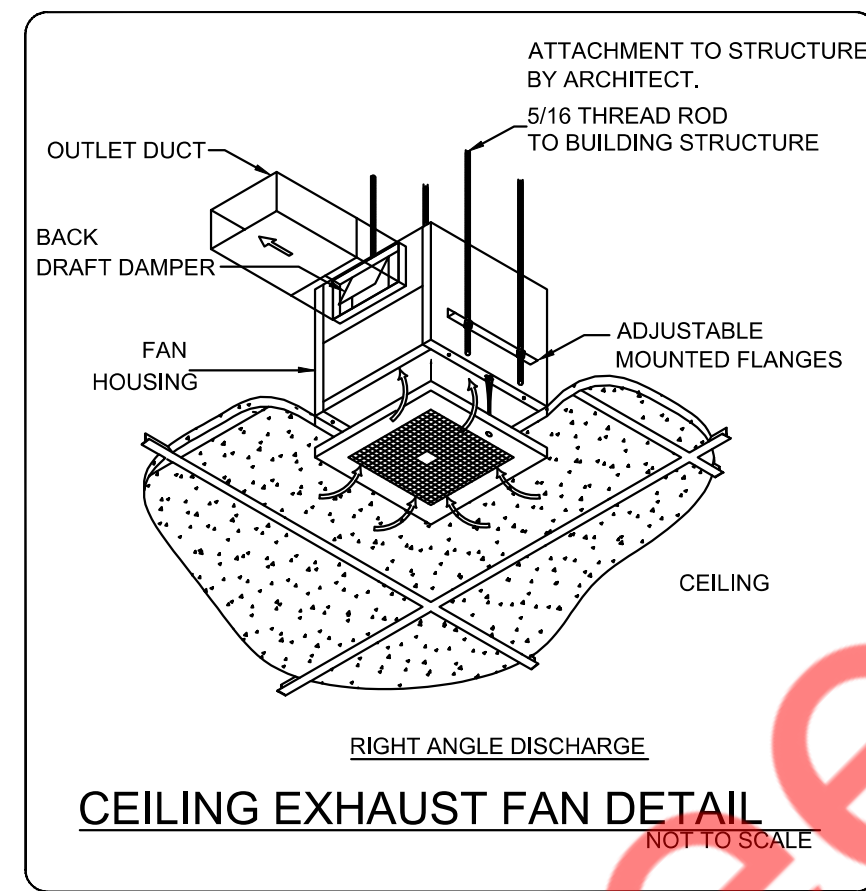
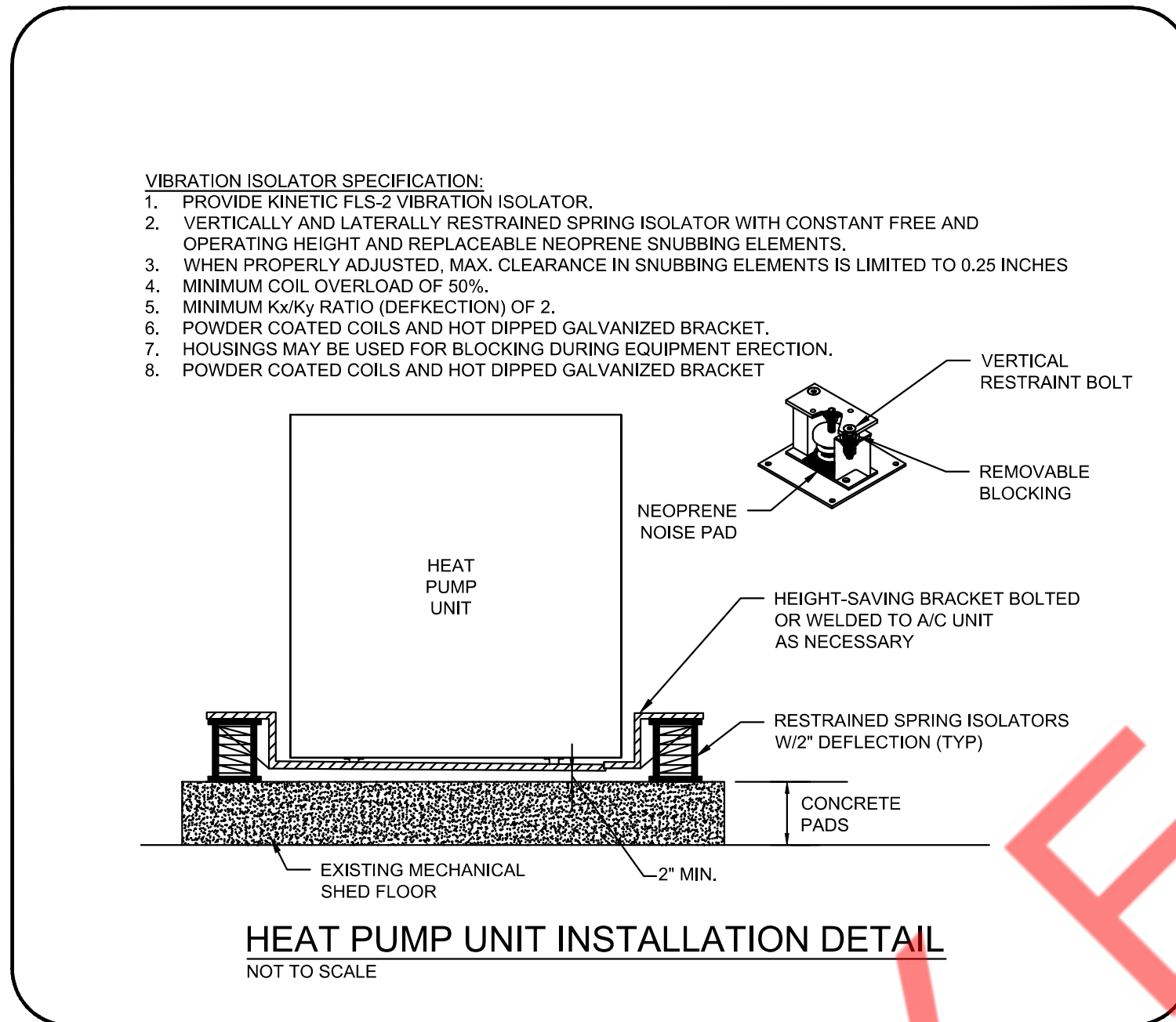
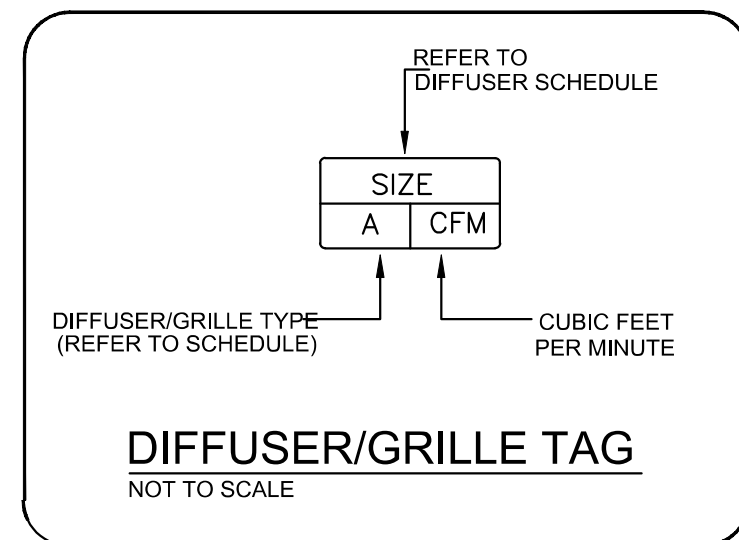
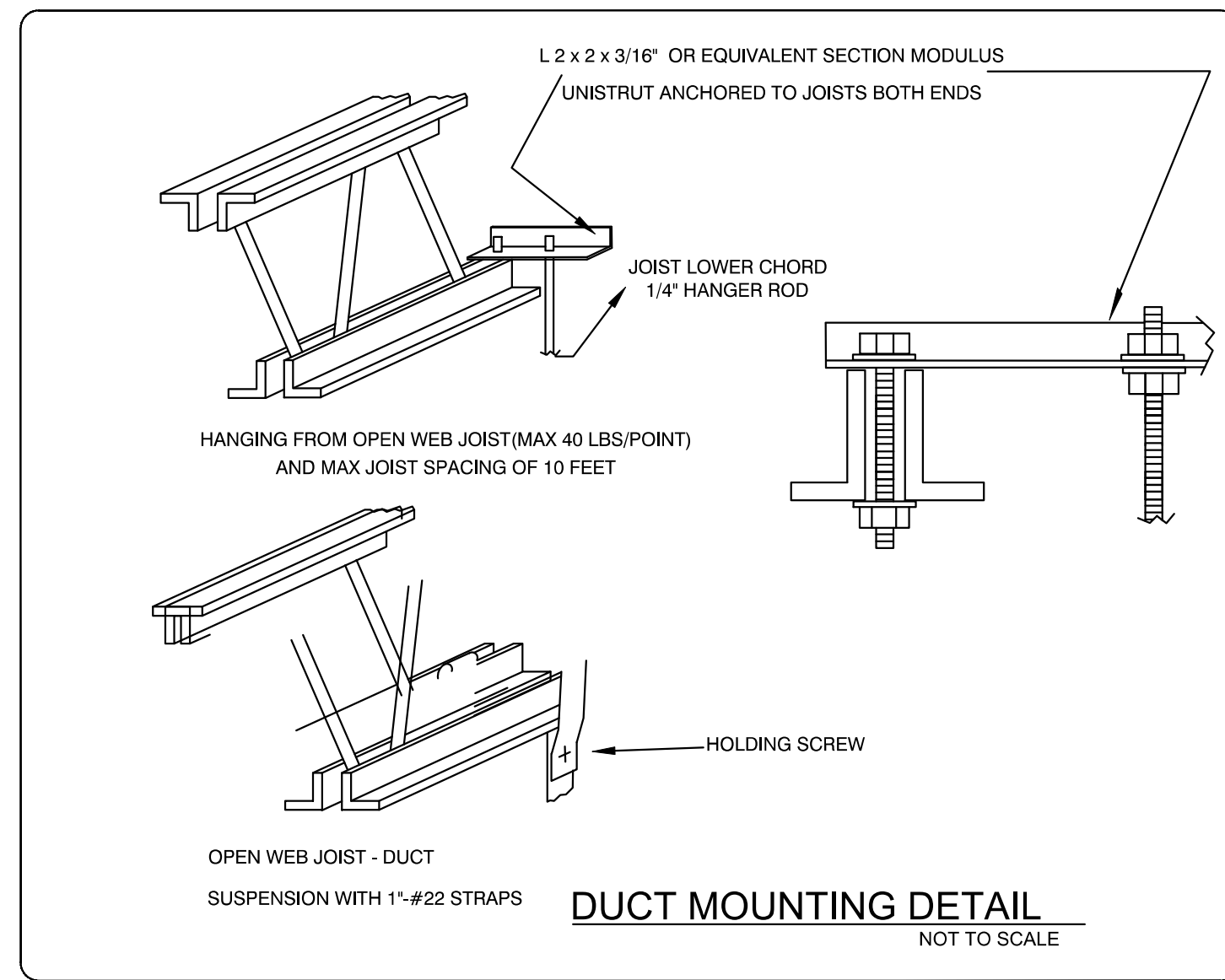
PROJECT

REVISIONS DATES:

08/26/2025	PROJECT CORD.
11/11/2025	OWNER CHANGES

MECHANICAL FLOOR PLANS & PART PLAN

M-2



OKO POKE

REVISIONS DATES:

08/26/2025	PROJECT CORD.
11/11/2025	OWNER CHANGES

MECHANICAL DETAILS

STATE OF CALIFORNIA
Mechanical Systems
 CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-MCH-E
 Project Name: OKE POKE SAN RAMON Report Page: (Page 1 of 11)
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A. GENERAL INFORMATION

01 Project Location (city)	SAN SAMON	04 Total Conditioned Floor Area	2000
02 Climate Zone	12	05 Total Unconditioned Floor Area	0
03 Occupancy Types Within Project:		06 # of Stories (Habitable Above Grade)	1

• Restaurant

B. PROJECT SCOPE

This table includes mechanical systems or components that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.4, 170.2(b) or 141.0(b)2 and 180.2(b)2 for alterations.

01	02	03
Air System(s)	Wet System Components	Dry System Components
<input checked="" type="checkbox"/> Heating Air System	<input type="checkbox"/> Water Economizer	<input type="checkbox"/> Air Economizer
<input checked="" type="checkbox"/> Cooling Air System	<input type="checkbox"/> Pumps	<input type="checkbox"/> Electric Resistance Heat
Mechanical Controls	<input type="checkbox"/> System Piping	<input checked="" type="checkbox"/> Fan Systems
<input checked="" type="checkbox"/> Mechanical Controls (existing to remain, altered or new)	<input type="checkbox"/> Cooling Towers	<input checked="" type="checkbox"/> Ductwork (existing to remain, altered or new)
	<input type="checkbox"/> Chillers	<input checked="" type="checkbox"/> Ventilation
	<input type="checkbox"/> Boilers	<input type="checkbox"/> Zonal Systems/ Terminal Boxes

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C. COMPLIANCE RESULTS

Table C will indicate if the project data input into the compliance document is compliant with mechanical requirements. This table is not editable by the user. If this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D, or the table indicated as not compliant for guidance.

01	02	03	04	05	06	07	08	09
System Summary 110.1, 110.2, 140.4, 170.2(c)	Pumps 140.4(k), 170.2(c)4I	Fans/Economizers 140.4(c), 140.4(e), 170.2(c)	System Controls 110.2, 120.2, 140.4(f), 170.2(c)	Ventilation 120.1, 160.2	Terminal Box Controls 140.4(d), 170.2(c)4B	Distribution 120.3, 140.4(i), 160.2, 160.3	Cooling Towers 110.2(e)2	Compliance Results
(See Table F)	(See Table G)	(See Table H)	(See Table I)	(See Table J)	(See Table K)	(See Table L)	(See Table M)	COMPLIES with Exceptional Conditions
Yes	AND	AND	AND	AND	AND	AND	AND	AND

Mandatory Measures Compliance (See Table Q for Details) COMPLIES

D. EXCEPTIONAL CONDITIONS

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

The permit applicant has indicated on Table J that ventilation calculations have been attached or included elsewhere on the plans.

E. ADDITIONAL REMARKS

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

F. HVAC SYSTEM SUMMARY (DRY & WET SYSTEMS)

Space Conditioning System Information

01	02	03	04	05	06
System Name	Quantity	System Serving	System Status	Space Type	Utilizing Recovered Heat
HP-1(N)	1	Single zone	New/ Addition	All Other Occupancies	<input type="checkbox"/>

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F. HVAC SYSTEM SUMMARY (DRY & WET SYSTEMS)

Dry System Equipment Sizing (Includes air conditioners, condensers, heat pumps, VRF, furnaces and unit heaters and DOAS systems)

01	02	03	04	05	06	07	08	09	10	11
Name or Item Tag	Equipment Category per Tables 110.2, 140.4(a)2 and 170.2(c)3aII	Equipment Type per Tables 110.2 and Title 20	Smallest Size Available ¹ 140.4(a) and 170.2(c)1	Equipment Sizing per Mechanical Schedule 140.4(a&b), 170.2(c)1 & 170.2(c)2						
				Heating Output ^{2,3}			Cooling Output ^{2,3}		Load Calculations ^{3,4}	
				Per Design (kBtu/h)	Rated (kBtu/h)	Supp. Heating Output (kBtu/h)	Sensible Per Design (kBtu/h)	Rated (kBtu/h)	Total Heating Load (kBtu/h)	Total Sensible Cooling Load (kBtu/h)
HP-1(N)	Unitary Heat Pumps	Air-cooled, split (1phase)	NA: Altered per 141.0(b)2E and 180.2(b)2	56.5	56.5	0	44.8	56	56.5	44.8

¹ FOOTNOTES: Equipment shall be the smallest size, within the available options of the desired equipment line, necessary to meet the design heating and cooling loads of the building per 140.4(a) and 170.2(c)1. Healthcare facilities are exempted.
² It is common practice to show rated output capacity on the equipment schedule. Sensible cooling output comes from specification sheet tables.
³ If equipment is heating only, leave cooling output and load blank. If equipment is cooling only, leave heating output and load blank.
⁴ Authority Having Jurisdiction may ask for load calculations used for compliance per 140.4(b) and 170.2(c).

Dry System Equipment Efficiency (Other than Package Terminal Air Conditioners (PTAC) and Package Terminal Heat Pumps (PTHP), DX-DOAS and Dual Fuel Heat Pumps)

01	02	03	04	05	06	07	08	09
Name or Item Tag	Size Category (Btu/h)	Rating Condition (°F)	Efficiency Unit	Minimum Efficiency Required per Tables 110.2 / Title 20	Design Efficiency	Efficiency Unit	Minimum Efficiency Required per Tables 110.2 / Title 20	Design Efficiency
HP-1(N)	<65,000		HSPF2	7.5	9.5	SEER2	14.3	18.5

G. PUMPS

This section does not apply to this project.

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H. FAN SYSTEMS & AIR ECONOMIZERS

This table is used to demonstrate compliance with prescriptive requirements found in 140.4(c), 140.4(e), 140.4(m), 170.2(c)3, and 170.2(c)4A for fan systems. Fan systems serving only process loads are exempt from these requirements and do not need to be included in Table H.

01	02	03	04	05	06	07	08	09	10	11				
System Name	AHU-1(N)	Quantity	Fan System Status	New	System Zoning	all other systems	Serving Dwelling Units	Not Serving Dwelling Units	Fan System Airflow (cfm)	875	Site Elevation	393	Economizer	NA: <=33 kBtu/h cooling
01	02	03	04	05	06	07	08	09	10	11				
Fan Name or Item Tag	Fan Type	Qty	Component	Airflow through Component (%)	Water Gauge (w.g.)	Component Allowance (watt/cfm)	Fan Allowance (watt/cfm) ¹	Design Electrical Input Power Method	Motor Nameplate Horsepower	Fan Electrical Input Power (kW)				
AHU-1(N)	Supply	1	Hydronic/DX cooling coil or heat pump coil	0.13		0.139	0.0002	Manufacturer provided		0.4				
Supply Fan Base Allowance (watt/cfm)	Exhaust/Return/Relief/Transfer Fan Base Allowance(watt/cfm)			Fan System Allowance (kW) ¹	Fan System Electrical Input Power (kW)									

¹ FOOTNOTES: Fans serving spaces with design background noise goals below NC35
² Low-turndown single-zone VAV fan system must be capable of and configured to reduce airflow to 50 percent of design airflow and use no more than 30 percent of the design wattage at that airflow. No more than 10 percent of the design load served by the equipment shall have fixed loads.
³ Fan system allowance includes fan system base allowance.
⁴ Filter pressure loss can only be counted once per fan system.
⁵ Complex fan system means a fan system that combines a single cabinet fan system with other supply fans, exhaust fans, or fans.
⁶ Computer room economizers must meet requirements of 140.9(a) and will be documented on the NRCC-PRC-E document.

H. EXHAUST AIR HEAT RECOVERY 140.4(q), 170.2(c)4O

01	02	03	04	05	06	07	08	09	10	11				
System Name	AHU-2(N)	Quantity	Fan System Status	New	System Zoning	all other systems	Serving Dwelling Units	Not Serving Dwelling Units	Fan System Airflow (cfm)	875	Site Elevation	393	Economizer	NA: <=33 kBtu/h cooling
01	02	03	04	05	06	07	08	09	10	11				
Fan Name or Item Tag	Fan Type	Qty	Component	Airflow through Component (%)	Water Gauge (w.g.)	Component Allowance (watt/cfm)	Fan Allowance (watt/cfm) ¹	Design Electrical Input Power Method	Motor Nameplate Horsepower	Fan Electrical Input Power (kW)				
AHU-2(N)	Supply	1	Hydronic/DX cooling coil or heat pump coil	0.13		0.139	0.0002	Manufacturer provided		0.4				
Supply Fan Base Allowance (watt/cfm)	Exhaust/Return/Relief/Transfer Fan Base Allowance(watt/cfm)			Fan System Allowance (kW) ¹	Fan System Electrical Input Power (kW)									

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H. EXHAUST AIR HEAT RECOVERY 140.4(q), 170.2(c)4O

Fan System Name	Qty	Hours of Operation per Year	Design Supply Airflow Rate	Outdoor Airflow	% Outdoor Air at Full Design Airflow	Exemptions to Exhaust Air Heat Recovery Requirement per 140.4(q) & 170.2(c)4O	Exhaust Air Heat Recovery 140.4(q) & 170.2(c)4O	Type Of Heat Recovery Rating	Required Recovery Ratio	Energy Recovery Bypass
AHU-1(N)	1	< 8,000	875	265	30	No Exemptions Apply	Not Required			
AHU-2(N)	1	< 8,000	875	280	32	No Exemptions Apply	Not Required			

Fan Energy Index (FEI)

01	02	03
Name or Item Tag	FEI Exception	FEI
AHU-1(N)	Circulating Fan, Ceiling Fan, Air Curtain	
AHU-2(N)	Circulating Fan, Ceiling Fan, Air Curtain	

I. SYSTEM CONTROLS

This table is used to demonstrate compliance with mandatory controls in 110.2 and 120.2 and prescriptive controls in 140.4(f) and (n), 170.2(c)4D 170.2(c)4L or requirements in 141.0(b)2E 180.2(b)2 for altered space conditioning systems.

01	02	03	04	05	06	07	08	09	10
System Name	System Zoning	Conditioned Floor Area Being Served (ft ²)	Thermostats 110.2(b) & (c) ¹ , 120.2(a) 160.3(a)2A or 141.0(b)2E & 180.2(b)2	Shut-Off Controls 120.2(e) & 160.3(a)2D	Isolation Zone Controls 120.2(g) & 160.3(a)2F	Demand Response 110.12 120.2(b) & 160.3(a)2B	Supply Air Temp. Reset 140.4(f) & 170.2(c)4D	Window Interlocks per 140.4(n) & 170.2(c)4D	Direct Digital Control (DDC) per 120.2
HP-1(N)	Single zone	<= 25,000 ft ²	Setback	Auto Timer Switch	NA: Single Zone	DR Tstat per 110.12	NA: Single Zone	NA: No operable windows	NA: Single Zone
HP-2(N)	Single zone	<= 25,000 ft ²	Setback	Auto Timer Switch	NA: Single Zone	DR Tstat per 110.12	NA: Single Zone	NA: No operable windows	NA: Single Zone

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OKE POKE

REVISIONS DATES:
 08/26/2025 PROJECT CORD.
 11/11/2025 OWNER CHANGES

ENERGY ANALYSIS (1 OF 2)

M-4

STATE OF CALIFORNIA
Mechanical Systems CALIFORNIA ENERGY COMMISSION
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I. SYSTEM CONTROLS
 *FOOTNOTES: Gravity gas wall heaters, gravity floor heaters, gravity room heaters, non-central electric heaters, fireplaces or decorative gas appliances, wood stoves are not required to have setback thermostats.

J. VENTILATION AND INDOOR AIR QUALITY
 This table is used to demonstrate compliance with mandatory ventilation requirements in 120.1, 120.2(e)(3) 140.4(p) and 140.4(q) for all nonresidential and hotel/motel and 124(e)(1)(ii)/160.2, 160.3(a)(3D), 170.2(a)(4), 170.2(a)(4D) for high-rise residential occupancies. For alterations, only ventilation systems being altered within the scope of the permit application need to be documented in this table. In lieu of this table, the required outdoor ventilation rates and airflow may be shown on the plans or the calculations can be presented in a spreadsheet.

01	<input checked="" type="checkbox"/>	Check the box if the project is showing ventilation calculations on the plans, or attaching the calculations instead of completing this table.
02	<input type="checkbox"/>	Check this box if the project included Nonresidential, Hotel/Motel Spaces or Multifamily Common Use Spaces
03	<input type="checkbox"/>	Check the box if the project is using natural ventilation in any nonresidential or hotel/motel spaces to meet required ventilation rates per 120.1(c)2.

K. TERMINAL BOX CONTROLS
 This section does not apply to this project.

L. DISTRIBUTION (DUCTWORK and PIPING)
 This table is used to show compliance with mandatory pipe insulation requirements found in 120.3 and mandatory requirements found in 120.4(q) for duct sealing.

01	<input type="checkbox"/>	Insulation shall be protected from damage, including that due to sunlight, moisture, equipment maintenance, and wind. Insulation exposed to weather shall be installed with a cover suitable for outdoor service. Insulation covering chilled water piping and refrigerant suction piping located outside the conditioned space shall have a Class I or Class II vapor retarder. All penetrations and joints of which shall be sealed.
----	--------------------------	--

Duct Leakage Testing
 The answers to the questions below apply to the following duct systems:

NEW DUCTWORK	NR/ Common Use: Duct leakage testing shall not exceed 6% per NA7.5.3 required for these systems?	No
--------------	--	----

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L. DISTRIBUTION (DUCTWORK and PIPING)

		Dwelling Units: Total duct leakage of duct system shall not exceed 12% or duct system to outside shall not exceed 6% per RA3.1.4 required for systems?	---
		Duct leakage testing per CMC Section 603.9.2 required for these systems?	Yes
11	No	The scope of the project includes only duct systems serving healthcare facilities	
12	Yes	Duct system provides conditioned air to an occupiable space for a constant volume, single zone, space-conditioning system.	
13	Yes	The space conditioning system serves less than 5,000 ft ² of conditioned floor area.	
14	No	The combined surface area of the ducts is more than 25% of the total surface area of the entire duct system.	
15	No	The scope of the project includes extending an existing duct system, which is constructed, insulated or sealed with asbestos.	
16	No	The scope of the project includes an existing duct system that is documented to have been previously sealed as confirmed through field verification and diagnostic testing in accordance with procedures in the Reference Nonresidential Appendix NA2.	
17	Yes	All Ductwork and plenums with pressure class ratings shall be constructed to Seal Class A	
18	No	All ductwork is an extension of an existing duct system	
19	No	Ductwork serving individual dwelling unit	
20		< 25 ft of new or replacement space conditioning ducts installed	
21	R-8	Duct Insulation R-value	
22	No	Ductwork Existing To Remain	
23	No	Duct System Connected To Altered Space Conditioning System	

M. COOLING TOWERS
 This section does not apply to this project.

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N. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION
 Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in Table E Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at <https://www.energy.ca.gov/programs-and-topics/programs/building-energy-efficiency-standards/2022-building-energy-efficiency-4>
 Form/Title
 NRCC-MCH-01-E - Must be submitted for all buildings

O. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE
 Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in Table E Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at <https://www.energy.ca.gov/programs-and-topics/programs/building-energy-efficiency-standards/2022-building-energy-efficiency-4>
 Form/Title
 NRCA-MCH-02-A - Outdoor Air must be submitted for all newly installed HVAC units. Note: MCH-02-A can be performed in conjunction with MCH-07-A Supply Fan VFD Acceptance (if applicable) since testing activities overlap.
 NRCA-MCH-03-A - Constant Volume Single Zone HVAC NOTE: This form does not automatically move to "Yes". If Constant Volume Single Zone HVAC Systems are included in the scope, permit applicant should move this form to "Yes".
 HP-1(N), HP-2(N)

P. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICATION
 There are no NRCV forms required for this project.

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Q. MANDATORY MEASURES DOCUMENTATION LOCATION
 This table is used to indicate where mandatory measures are documented in the plan set or construction documentation.

01		02	
Compliance with Mandatory Measures documented through MCH Mandatory Measures Note Block	No	Plan sheet or construction document location	
03		04	
Mandatory Measure		Plan sheet or construction document location	
Heating Equipment Efficiency per 110.1		REFER MECHANICAL SCHEDULE ON SHEET - M1	
Cooling Equipment Efficiency per 110.1		REFER MECHANICAL SCHEDULE ON SHEET - M1	
Furnace Standby Loss Control per 110.2(d)		NA	
Duct Insulation per 120.4		REFER MECHANICAL PLAN NOTES #E ON SHEET - M1	
Heat Pump with Supplemental electric Resistance Heater Controls per 110.2(b)		NA	
The air duct and plenum system is designed per 120.4(a)-(f)		REFER MECHANICAL PLANS ON SHEET - M2	
Kitchen range hoods shall be rated for sound in accordance with Section 7.2 of ASHRAE 62.2		NA	

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Mechanical Systems CALIFORNIA ENERGY COMMISSION
 CERTIFICATE OF COMPLIANCE NRCC-MCH-E
 Project Name: OKE POKE SAN RAMON Report Page: (Page 11 of 11)
 Project Address: 188 MARKET PLACE SAN RAMON, CA 94583 Date Prepared: 2025-11-10T10:35:10-05:00

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

Documentation Author Name: MICHAEL TOBIAS	Documentation Author Signature:
Company: NY ENGINEERS	Signature Date: 2025-11-10
Address: 382 NE 191 st, SUITE 49674	CEA/ HERS Certification Identification (if applicable):
City/State/Zip: MIAMI, FL 33179	Phone: 212-675-5300

RESPONSIBLE PERSON'S DECLARATION STATEMENT
 I certify the following under penalty of perjury, under the laws of the State of California:

- The information provided on this Certificate of Compliance is true and correct.
- 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)
- The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
- 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.
- 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: MICHAEL TOBIAS	Responsible Designer Signature:
Company: NY ENGINEERS	Date Signed: 2025-11-10
Address: 382 NE 191 st, SUITE 49674	License: M33750
City/State/Zip: MIAMI, FL 33179	Phone: 212-675-5300

Generated Date/Time: Documentation Software: Energy Code Ace
 CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: 307751-1125-0004 Schema Version: rev 20220101 Report Generated: 2025-11-10 07:35:18

OKE POKE

REVISIONS DATES:
 08/26/2025 PROJECT CORD.
 11/11/2025 OWNER CHANGES

ENERGY ANALYSIS (2 OF 2)

M-5

SCOPE OF WORK

1. REUSE EXISTING 150A, 120/208V, 3-PHASE, 4-WIRE INCOMING ELECTRICAL SERVICE FROM THE EXISTING BASE BUILDING DISTRIBUTION SYSTEM TO THE PROJECT'S SPACE.
2. REUSE EXISTING 150A, 120/208V, 3-PHASE, 4-WIRE ELECTRICAL METER & DISCONNECT SWITCH FOR PROJECT SPACE.
3. REUSE EXISTING 225A (M.L.O.), 120/208V, 3-PHASE, 4-WIRE ELECTRICAL PANEL "D11" FOR THE PROJECT SPACE.
4. PROVIDE NEW 125A (M.L.O.), 120/208V, 3-PHASE, 4-WIRE ELECTRICAL PANEL "A" FOR THE PROJECT SPACE.
5. E.C SHALL COORDINATE WITH MECHANICAL AND PLUMBING CONTRACTOR FOR THE POWER REQUIREMENTS OF THE RESPECTIVE UNITS.
6. ALL NECESSARY EQUIPMENT, WIRING AND LIGHTING FOR THE PROJECT SPACE INCLUDING WIRING FOR VENTILATION EQUIPMENT, COORDINATE WITH G.C FOR LOW VOLTAGE WIRING.

ELECTRICAL PLAN NOTES

1. ELECTRICAL CONTRACTOR SHALL REVIEW ALL DRAWINGS OF THIS SET.
2. CONTRACTOR TO VERIFY THAT ALL EQUIPMENT SHOWN AS EXISTING MATCHES THE DESCRIPTIONS AND SPECIFICATIONS SHOWN ON DRAWINGS AND SCHEDULES. IF DIFFERENT, NOTIFY ARCHITECT/ENGINEER BEFORE BIDDING, ORDERING, OR PROCEEDING WITH WORK.
3. ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL ALL NEW ELECTRICAL WORK INDICATED. CONSTRUCTION SHALL BE IN ACCORDANCE WITH DRAWINGS AND APPLICABLE SPECIFICATIONS. IF A PROBLEM IS ENCOUNTERED IN COMPLYING WITH THIS REQUIREMENT, CONTRACTOR SHALL NOTIFY THE OWNER OR HIS REPRESENTATIVE AS SOON AS POSSIBLE AFTER DISCOVERY OF THE PROBLEM AND SHALL NOT PROCEED WITH THAT PORTION OF THE WORK UNTIL OWNER HAS DIRECTED CORRECTIVE ACTION TO BE TAKEN.
4. ELECTRICAL CONTRACTOR SHALL VISIT JOB SITE AND FAMILIARIZE HIMSELF WITH ALL CONDITIONS AFFECTING ELECTRICAL AND COMMUNICATIONS INSTALLATION AND MAKE PROVISIONS AS TO THE COST THEREOF. EXISTING CONDITIONS OF ELECTRICAL EQUIPMENT, LIGHT FIXTURES, ETC. THAT ARE PART OF THE FINAL SYSTEM SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO SUBMITTING HIS BID.
5. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE 2022 CALIFORNIA ELECTRICAL CODE AND ALL CODES AND ORDINANCES OF THE AUTHORITY HAVING JURISDICTION.
6. DO NOT SCALE THE ELECTRICAL DRAWINGS. REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR EXACT LOCATION FOR ALL EQUIPMENT. CONFIRM WITH OWNER'S REPRESENTATIVE.
7. ALL ELECTRICAL NOT BE REUSED MUST BE REMOVED IN ITS ENTIRETY.
8. ALL CONDUIT IN OR UNDERGROUND OR IN CONCRETE MUST BE RIGID GALVANIZED STEEL.
9. CIRCUIT BREAKERS AND PANELS TO BE BOLT ON TYPE.
10. ALL EQUIPMENT SHALL BE APPROVED BY UL OR OTHER NATIONALLY RECOGNIZED TESTING COMPANY.
11. ALL RECEPTACLES SHALL BE GROUNDED AS REQUIRED BY NEC 250.146.
12. SUBMIT SERVICE ENTRANCE EQUIPMENT FOR SEPARATE APPROVAL.
13. ALL LOW VOLTAGE MUST BE IN CONDUIT TO ABOVE THE DROP CEILING. BRIDAL RINGS OR "J" HOOKS REQUIRED.
14. SEPARATE PERMITS ARE REQUIRED FOR ALL LOW VOLTAGE SUCH AS TELEPHONE, DATA, THERMOSTAT, MUSIC, ALARMS ETC.
15. SEPARATE PERMIT REQUIRED FOR SIGNAGE.
16. PRIOR TO ANY CONSTRUCTION WORK BEGINNING AN ON-SITE MEETING WITH GENERAL CONTRACTORS IS REQUIRED.
17. ELECTRICIAN MUST BE ON SITE FOR ALL INSPECTIONS.
18. MINIMUM WIRE SIZE SHALL BE #12 A.W.G. EXCLUDING CONTROL WIRING. ALL CONDUCTORS SHALL BE COPPER AND UNLESS OTHERWISE NOTED THIN INSULATION.
19. OUTLET BOXES SHALL BE PRESSED STEEL IN DRY LOCATIONS, PLASTIC AND CAST ALLOY WITH THREADED HUBS IN WET OR DAMP LOCATIONS, AND SPECIAL ENCLOSURES FOR OTHER CLASSIFIED AREAS.
20. IT IS NOT THE INTENT OF THESE PLANS TO SHOW EVERY MINOR DETAIL OF CONSTRUCTION. THE CONTRACTOR IS EXPECTED TO FURNISH AND INSTALL ALL ITEMS FOR A COMPLETE ELECTRICAL SYSTEM AND PROVIDE ALL REQUIREMENTS NECESSARY FOR EQUIPMENT TO BE PLACED IN PROPER WORKING ORDER.
21. ELECTRICAL SYSTEM SHALL BE COMPLETE AND EFFECTIVELY GROUNDED AS REQUIRED BY THE E.C. OR LOCAL CODES.
22. ALL MATERIALS SHALL BE NEW AND BEAR UNDERWRITERS' LABELS WHERE APPLICABLE.
23. ALL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR IN A FIRST CLASS WORKMANLIKE MANNER. THE COMPLETED SYSTEM SHALL BE FULLY OPERATIVE AND ACCEPTED BY ENGINEER/ARCHITECT.
24. ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF CONSTRUCTION.
25. ELECTRICAL CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP FREE FROM DEFECTS FOR A PERIOD OF NOT LESS THAN ONE YEAR FROM DATE THAT CERTIFICATE OF OCCUPANCY IS ISSUED. WARRANTY SHALL BE PROVIDED IN WRITING. PROVIDE COPY TO LL.
26. CORRECTION OF ANY DEFECTS SHALL BE COMPLETED WITHOUT ADDITIONAL CHARGE AND SHALL INCLUDE REPLACEMENT OR REPAIR OF ANY OTHER PHASE OF THE INSTALLATION WHICH MAY HAVE BEEN DAMAGED THEREBY.
27. ALL REQUIRED INSURANCE SHALL BE PROVIDED FOR PROTECTION AGAINST PUBLIC LIABILITY AND PROPERTY DAMAGE FOR THE DURATION OF THE WORK.
28. CONTRACTOR SHALL PAY FOR ALL PERMITS, FEES, INSPECTIONS AND TESTING. CONTRACTOR TO OBTAIN PERMIT AND APPROVED SUBMITTALS PRIOR TO BEGINNING WORK OR ORDERING EQUIPMENT.
29. THE ELECTRICAL INSTALLATION SHALL MEET ALL STANDARD REQUIREMENTS OF POWER AND TELEPHONE COMPANIES.
30. CONTRACTOR SHALL COORDINATE WITH MECHANICAL DRAWINGS AND PROVIDE ALL NECESSARY CONTROL WIRING.
31. ALL CIRCUIT BREAKERS FEEDING MECHANICAL EQUIPMENT SHALL BE HACR TYPE CIRCUIT BREAKERS.
32. PROVIDE AND INSTALL CONDUIT, CONDUCTORS, PULL WIRES, BOXES, COVER PLATES, DEVICES, ETC. FOR ALL OUTLETS AS INDICATED.
33. MATERIALS, PRODUCTS, AND EQUIPMENT, INCLUDING ALL COMPONENTS THEREOF, SHALL BE NEW AND SUCH AS APPEAR ON THE UL LIST OF APPROVED ITEMS AND SHALL MEET OR EXCEED THE REQUIREMENTS OF N.E.C., NEMA, AND IEC.
34. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OR CUT SHEETS OF LIGHTING FIXTURES, SWITCHES, AND OTHER ELECTRICAL ITEMS FOR APPROVAL BY ENGINEER/ARCHITECT.
35. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING, PATCHING AND FIRED CAULKING REQUIRED OF HIS WORK.
36. ELECTRICAL CONTRACTOR SHALL LABEL ALL PANELS W/TYPE WRITTEN DIRECTORIES.
37. ALL ELECTRICAL AND COMMUNICATIONS OUTLETS TO BE AT 24" A.F.F. UNLESS NOTED OTHERWISE, AND VERTICALLY MOUNTED.
38. ALL LIGHT SWITCHES TO BE AT 42" A.F.F.
39. ALL ELECTRICAL WIRING SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR. ALL ELECTRICAL WIRING FOR HVAC SYSTEM INCLUDING CONTROLS, THERMOSTATS, POWER, ETC. SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
40. BREAKER AND PANELS - ALL CURRENT CARRYING BUSSES SHALL BE COPPER. ALL GROUND BUS BARS SHALL BE COPPER. PANEL BOARD ENCLOSURES SHALL BE FURNISHED WITHOUT PRE-PUNCHED CONCENTRIC HOLES. A.I.C. RATINGS SHALL BE AS INDICATED ON PANEL BOARD SCHEDULES.
41. DISCONNECT SWITCHES SHALL BE H.P. RATED, GENERAL DUTY, QUICK-MAKE, QUICK-BREAK ENCLOSURES AS REQUIRED BY EXPOSURE.
42. MOTOR STARTERS SHALL BE MANUAL OR MAGNETIC, WITH OVERLOAD RELAYS IN EACH HOT LEG.
43. THE TERM "PROVIDE" USED IN THE CONSTRUCTION DOCUMENTS AND SPECIFICATIONS INDICATES THE CONTRACTOR SHALL FURNISH AND INSTALL.
44. CONTRACTOR SHALL CONFIRM WITH ANY AND ALL REQUIREMENTS SUCH AS LUG SIZE RESTRICTIONS, CONDUIT ENTRY, TRANSFORMER SIZE, SCHEDULED DOWN TIME FOR OWNERS CONFIRMATION, ETC. ANY CONFLICTS SHALL BE BROUGHT TO ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH ANY WORK.
45. VOLTAGE DROP FOR ALL BRANCH CONDUCTORS SHALL NOT EXCEED 3%, WHERE VOLTAGE DROP EXCEEDS 3%, CONTRACTOR SHALL INCREASE SIZE OF CONDUCTORS.
46. CONTRACTOR SHALL PROVIDE GFI TYPE BREAKER FOR ALL EXTERIOR 120V CIRCUITS OR GFI PROTECTION -- FOR THE WHOLE CIRCUIT.
47. GAS PIPING SHALL BE BONDED.
48. ELECTRICAL CONTRACTOR SHALL COORDINATE SERVICE ENTRY WITH SERVICE PROVIDER PRIOR TO DETERMINING EXACT LOCATION OF THE METER BOX IN ORDER TO AVOID DISCREPANCIES BETWEEN DRAWINGS AND JOB CONDITIONS.
49. ALL OUTDOOR EQUIPMENT SHALL BE WEATHERPROOF.
50. CONSTRUCTION "AS BUILT" DRAWINGS AND DOCUMENTS SHALL BE PROVIDED TO THE OWNER WITHIN 30 DAYS AFTER THE DATE OF ACCEPTANCE, PROVIDE A COPY TO LL.
51. OPERATION MANUALS AND MAINTENANCE MANUALS SHALL BE PROVIDED TO THE BUILDING OWNER.
52. ABSOLUTELY NO FLEXIBLE CONDUIT IS PERMITTED IN DEMISING WALLS. FLEXIBLE CONDUIT IS PERMITTED FOR SHORT FINAL CONNECTIONS ONLY (6'-0" OR LESS).
53. EXPOSED CONDUIT SHALL BE INSTALLED IN STRAIGHT LINES, PARALLEL OR IN RIGHT ANGLES TO THE BUILDING STRUCTURE. DO NOT LOOP EXCESS FLEXIBLE CONDUIT IN CEILING SPACE OR WALL CAVITY. NO CONDUIT TO BE SUPPORTED FROM THE ROOF DECK.
54. CABLE TYPES AC AND NM CABLES ARE NOT ACCEPTABLE. TYPE MC CABLE, ELECTRIC METALLIC TUBING (EMT) AND RIGID GALVANIZED CONDUIT ARE PERMITTED.
55. ALL EQUIPMENT, DEVICES AND FIXTURES SHALL BE GROUNDED IN COMPLIANCE WITH NEC AND UL REQUIREMENTS.
56. ALL PANELS TO BE UL LABELED WITH BOLT-ON TYPE CIRCUIT BREAKERS.
57. 7-DAY 24-HOUR TIME CLOCK IS REQUIRED TO CONTROL STOREFRONT ENTRY LIGHTS, SHOW WINDOW LIGHTS, SHOW WINDOW RECEPTACLES AND STOREFRONT SIGNAGE. ILLUMINATED STOREFRONT SIGNS MUST REMAIN LIT DURING ALL MALL BUSINESS HOURS.
58. TENANT IS REQUIRED TO MAKE A FIELD SURVEY OF THE EXISTING ELECTRICAL SERVICE TO ENSURE THAT THE TOTAL CONNECTED LOAD DOES NOT EXCEED THE ELECTRIC SERVICE. ANY/ALL MODIFICATIONS OR UPGRADES NEEDED ARE SUBJECT TO LANDLORD'S PRIOR APPROVAL AND WILL BE COMPLETED BY TENANT/TENANT'S GC AT TENANT'S SOLE EXPENSE.
59. ALL ELECTRICAL PANELS TO BE MOUNTED ON PLYWOOD BACKER BOARD.
60. PANEL PHASE LOADS TO BE BALANCED WITHIN 10%.

ELECTRICAL LEGEND

SYMBOL	DESCRIPTION
[Symbol]	EXHAUST FAN
[Symbol]	JUNCTION BOX
[Symbol]	BATTERY BACK UP EXIT LIGHT
[Symbol]	BATTERY BACK UP EMERGENCY LIGHT
[Symbol]	WALL SWITCH (SINGLE, DOUBLE,)
[Symbol]	WALL SWITCH (3 WAY, 4 WAY)
[Symbol]	WALL SWITCH (TIMER)
[Symbol]	OCCUPANCY SENSOR WALL SWITCH
[Symbol]	DUPLEX RECEPTACLE
[Symbol]	DUPLEX RECEPTACLE, 46" TO AFF AT KITCHEN, BATHS AND TOPS
[Symbol]	230 VOLT RECEPTACLE
[Symbol]	QUADRUPLEX RECEPTACLE
[Symbol]	FLOOR MOUNTED, FLUSH DUPLEX RECEPTACLE
[Symbol]	FLOOR MOUNTED, FLUSH QUAD. RECEPTACLE
[Symbol]	FLOOR MOUNTED, FLUSH 230 VOLT RECEPTACLE
[Symbol]	CEILING MOUNTED DUPLEX RECEPTACLE
[Symbol]	ELECTRICAL PANEL
[Symbol]	DISCONNECT SWITCH
[Symbol]	USB CHARGER RECEPTACLE
[Symbol]	TELEVISION OUTLET
[Symbol]	TELEPHONE OUTLET
[Symbol]	TELEPHONE/DATA OUTLET
[Symbol]	DATA OUTLET
[Symbol]	FLOOR MTD. FLUSH TELEPHONE/DATA OUTLET
[Symbol]	QUAD. DATA OUTLET RJ45
[Symbol]	30A/240V NON FUSED DISCONNECT SWITCH
[Symbol]	60A/240V NON FUSED DISCONNECT SWITCH
[Symbol]	100A/240V NON FUSED DISCONNECT SWITCH
[Symbol]	MOTORIZED DAMPER

- ABBREVIATIONS:**
- | | |
|--------------------------------|---------------------------------------|
| ABOVE FINISH FLOOR= A.F.F. | BELOW COUNTER= BC |
| COUNTER TOP LEVEL= C | PUSH BUTTON= PB |
| GROUND FAULT INTERRUPTER= GFCI | UNDER CABINET= UC |
| VERIFY PRIOR TO INSTALL= VH | VAPOR PROOF= VP |
| WEATHER PROOF= WP | ELECTRICAL CONTRACTOR=E.C |
| KITCHEN EXHAUST FAN= KEF | BATHROOM EXHAUST FAN=BEF |
| EXISTING WATER HEATER= EX.WH | AUTHORITY HAVING JURISDICTION= A.H.J. |
| OUTSIDE AIR FAN=OAF | AIR HANDLING UNIT=AHU |
| HEAT PUMP=HP | RECIRCULATION PUMP=RCP |
| MOTORIZED DAMPER=MD | |

GENERAL LIGHTING NOTES

- A. UPPER CASE LETTER NEXT TO LIGHT FIXTURE DENOTES FIXTURE TYPE.
- B. ALL EMERGENCY FIXTURES SHALL BE CONNECTED TO AN UNSWITCHED HOT CONDUCTOR.

GENERAL CONTRACTOR BUILD NOTES

1. ALL GENERAL LIGHTING IS TO BE SUPPLIED BY THE CONTRACTOR DINING ROOM & SERVICE AREA LIGHTS MUST HAVE DIMMERS SIGNAGE CONNECTION IS TO BE MADE BY THE GC INSTALLATION OF THE LED STAMP IS TO BE DONE BY THE GC. BASE BID ACCORDINGLY.
2. THE GARLAND GRILL WILL REQUIRE CERTIFIED TECHNICIANS TO COME TEST AND CERTIFY THE SYSTEM. PRIOR TO THEIR VISIT THE ELECTRICAL AND GAS MUST BE HOOKED UP, AND THE SUPPRESSION TEST MUST HAVE BEEN PASSED, BASE BID ACCORDINGLY.
3. HAND DRYERS ARE TO BE PURCHASED & INSTALLED BY THE GC EVERY STORE IS TO BE SPEC'D WITH 1 HAND DRYER PER WASHROOM. PLEASE PURCHASE THE DISPLAYED UNIT OR APPROACH HEAD OFFICE WITH A SUBSTITUTE. BASE BID ACCORDINGLY.
4. SOUND SYSTEM TO BE INSTALLED BY GC. GC TO ENSURE THERE IS PLUG FOR THE OPEN SIGN WITH AN APPLICABLE SWITCH. GC TO INSTALL LOBBY MENU'S. BASE BID ACCORDINGLY.
5. ALL LOCATIONS WILL REQUIRE A STANDARD ETHERNET (CAT5) SET-UP, AS SHOWN IN THE IMAGE ON THIS PAGE. LOBBY MENUS ARE NOT REQUIRED TO HAVE ETHERNET CONNECTIONS, BUT SOME NETWORK SUPPLIERS REQUIRE. PLEASE CHECK WITH THE FRANCHISEE. BASE BID ACCORDINGLY.

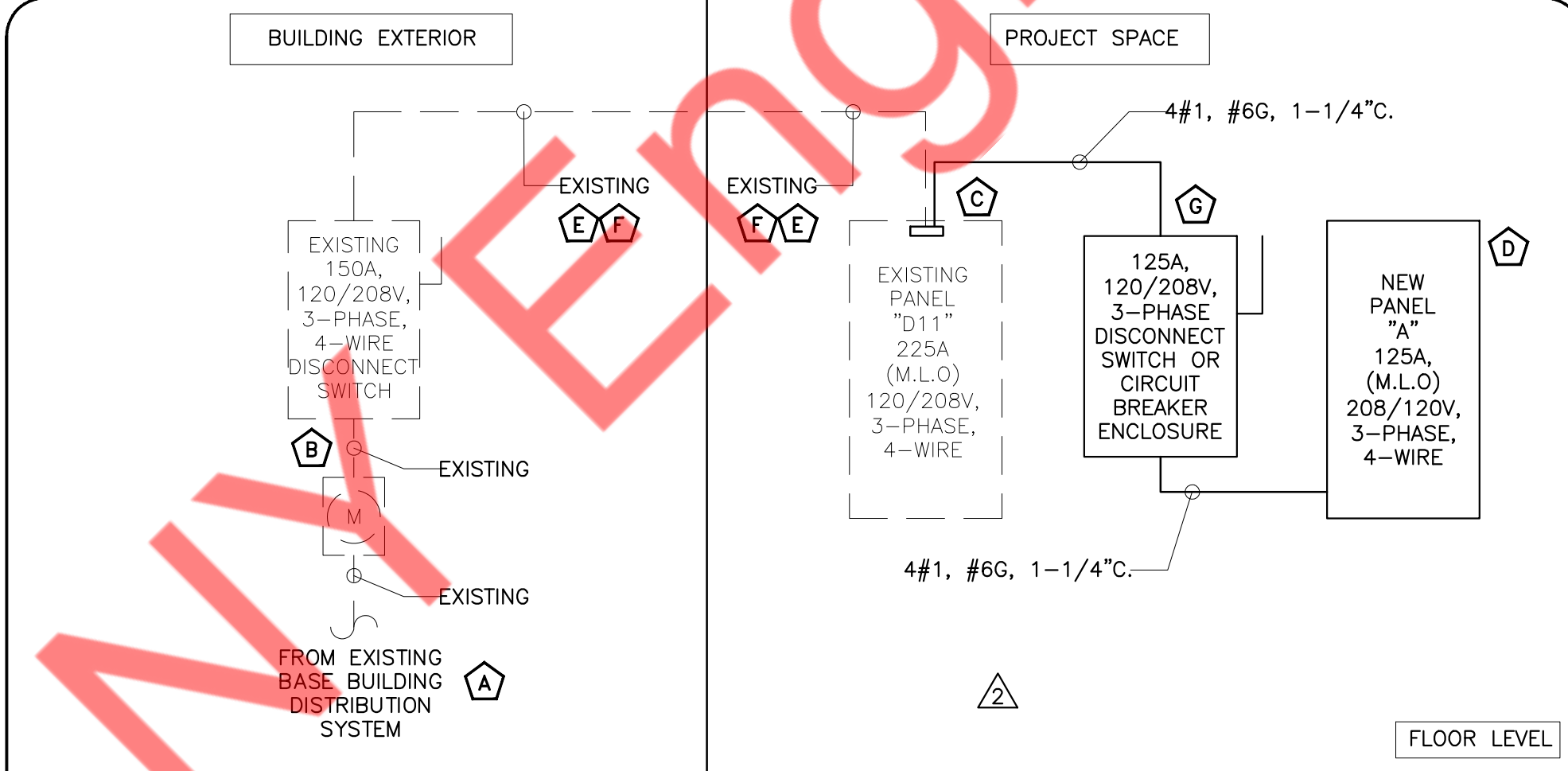
EXISTING CONDITIONS NOTES

STOP AND READ
THE CONTRACTOR AND SUB CONTRACTORS **SHALL NOT INITIATE ANY WORK UNTIL EXISTING FIELD CONDITIONS ARE PROPERLY VERIFIED.** THIS SHALL HOLD TRUE FOR FIRST GENERATION AND 2ND GENERATION SPACES. WHEN DEMOLITION IS REQUIRED, THAT WILL BE PERMITTED TO EXPOSE CONDITIONS. THESE VERIFICATIONS SHALL INCLUDE BUT NOT LIMITED TO: DIMENSIONS BOTH HORIZONTALLY AND VERTICAL, ELECTRICAL SERVICE (PANELS, LOCATION AND VOLTS/PHASE, LOCATION/QUANTITY OF ROOF MOUNTED HVAC EQUIPMENT, CONFIRM THAT INTERIOR HVAC HUNG UNITS HAVE PROPER SUPPORT CONNECTIONS FOR EXISTING STRUCTURE, FIRE SPRINKLER MAIN RUNS, TOILET ROOM DIMENSIONS, DOOR SWING FOR DOORS TO REMAIN AND ETC. IF NOT VERIFIED AND DISCOVERED AT A LATER TIME, THE CONTRACTOR SHALL REIMBURSE THE ARCHITECT FOR THE REDESIGN FEE. THIS DOES NOT INCLUDE HIDDEN WORK I.E. PITCH OF SANITARY LINES, ACTUAL CONDITIONS OF EXISTING HVAC EQUIPMENT, STRUCTURAL COLUMNS/BEARING WALLS OR CONDITIONS OF GREASE INTERCEPTORS AND ETC.

LIGHTING FIXTURE SCHEDULE

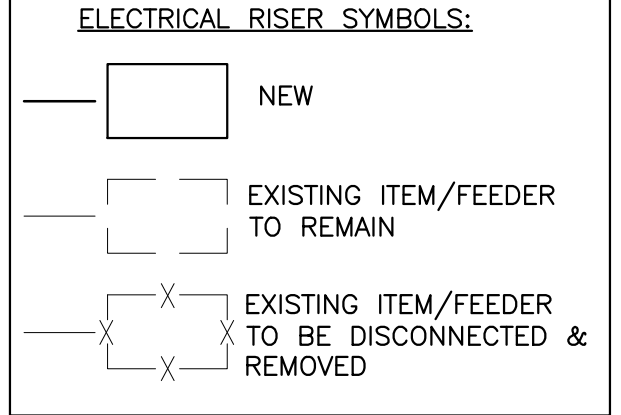
SYMBOL	TYPE	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	VOLT	LAMP WATTAGE	MOUNTING
A	A	4" LED RECESSED LIGHT FIXTURE	LOTUS LIGHTING	DL254-4-16W-M-ASC5	120	16 WATTS	RECESSED
B	B	GLOBAL WALL SCONCE	LUMENS-TROY LIGHTING	ANSEL WALL / FLUSH MOUNT	120	14 WATTS	WALL
C	C	4" REGRESSED GIMBAL LED LIGHT FIXTURE	LOTUS LIGHTING	LL4G-SCCT-HO-WH	120	15 WATTS	RECESSED
D	D	2x4' LAY-IN LIGHT FIXTURE	WILLIAMS	50GS24-LEDUT35/84OF AF12125-DG-EQCCLIPS-DIM-UNV	120	34 WATTS	RECESSED
E	E	6" LED RECESSED LIGHT FIXTURE	LOTUS LIGHTING	DL254-6-30W-M-ASC5-HO	120	12 WATTS	RECESSED
F	F	LED VAPOR TIGHT CAGE LIGHT FIXTURE INSIDE WALK-INS	TBD	TBD	120	20 WATTS	RECESSED
G	G	WALL-MOUNT ADJUSTABLE SPOT LIGHT	LUMENS-KUZCO LIGHTING	BARCLAY WALL / FUSH MOUNT	120	16 WATTS	WALL
H	H	3" REGRESSED GIMBAL LED LIGHT FIXTURE	LOTUS LIGHTING	LRG3-4CCT-DTW-HO	120	11 WATTS	RECESSED
J	J	4" LED LIGHT FIXTURE	TBD	TBD	120	30 WATTS	WALL
X	X	(N) EXIT SIGN AND EMERGENCY LIGHT COMBO	TBD	TBD	120	2 WATTS	WALL
T	T	TIMER WALL SWITCH	LEVITON	VPT24-02Z	120	2 WATTS	WALL
OS	OS	OCCUPANCY WALL SWITCH	LEVITON	ODS10	120	2 WATTS	WALL
OS	OS	CEILING OCCUPANCY SWITCH	LEVITON	O2C10-0DW	120	2 WATTS	CEILING
D	D	DIMMER WALL SWITCH	LUTRON	DVSTV-453PH-WH	120	2 WATTS	WALL

- LIGHT FIXTURE SCHEDULE NOTES:**
- REFER TO SHEET A-2.1 - REFLECTED CEILING PLAN IN ARCHITECTURAL DRAWINGS FOR MORE INFORMATION ON COLORS AND TRIMS REQUIRED
- (*) EXISTING FIXTURES ARE ACCEPTABLE. IF THEY NEED TO BE REPLACED, REPLACE W/ EXACT MATCH OR MATCH SCHEDULE
- SUBSTITUTIONS TO THE ABOVE FIXTURE SCHEDULE MUST BE SUBMITTED 14 DAYS PRIOR TO BID & REVIEWED BY THE ARCHITECT, ENGINEER & OWNER. SUBSTITUTIONS WILL NOT BE REVIEWED AFTER THIS TIME. SUBMITTAL PACKAGES MUST INCLUDE COLOR, CUT SHEETS, ALL PHOTO METRICS & FIXTURE SAMPLES FOR ALL DECORATIVE FIXTURES, LANDSCAPE FIXTURES & OUTDOOR FIXTURES. WITHOUT THIS INFORMATION NO REVIEW WILL BE PROVIDED.
- NOTE:**
1. E.C SHALL COORDINATE WITH ARCHITECT FOR FINAL FIXTURE COUNT AND TYPE.
 2. E.C SHALL COORDINATE EXACT CONTROL REQUIREMENTS WITH OWNER. E.C SHALL PROVIDE REQUIRED POWER PACKS AND RELAYS SUITABLE FOR THE ABOVE LIGHT FIXTURES IN COORDINATION WITH THE LIGHTING VENDOR. BASE BID ACCORDINGLY.
 3. E.C SHALL COORDINATE WITH THE ARCHITECT/OWNER FOR EXACT MAKE MODEL OF LIGHT FIXTURE PRIOR TO PURCHASE. INFORM ENGINEER ON RECORD FOR ANY DISCREPANCY, BASE BID ACCORDINGLY.



ELECTRICAL RISER KEYED NOTES:

- A EXISTING 150A, 120/208V, 3-PHASE, 4-WIRE INCOMING ELECTRICAL SERVICE FROM THE EXISTING BASE BUILDING DISTRIBUTION SYSTEM TO THE PROJECT'S SPACE SHALL REMAIN. E.C SHALL COORDINATE WITH THE BASE BUILDING/LANDLORD/OWNER FOR EXACT POWER DISTRIBUTION. REPORT TO ENGINEER ON RECORD FOR ANY DISCREPANCIES.
- B EXISTING 150A, 120/208V, 3-PHASE, 4-WIRE ELECTRICAL METER & DISCONNECT SWITCH SHALL REMAIN AND REUSE. E.C SHALL VERIFY THE EXACT LOCATION, SIZE & OPERABLE CONDITION OF EXISTING ELECTRICAL METER & DISCONNECT SWITCH IN THE FIELD AND SHALL REPLACE WITH NEW IF FOUND INOPERABLE IN COORDINATION WITH UTILITY COMPANY/OWNER. BASE BID ACCORDINGLY.
- C EXISTING 225A(M.L.O.), 120/208V, 3-PHASE, 3-WIRE ELECTRICAL PANEL "D11". E.C SHALL VERIFY THE EXACT RATING, SIZE, OPERABLE CONDITION, LOCATION OF EXISTING ELECTRICAL PANEL "D11" IN FIELD. INFORM ENGINEER FOR ANY DISCREPANCY FOUND PRIOR TO BID.
- D NEW 125A (M.L.O.), 120/208V, 3-PHASE, 4-WIRE ELECTRICAL PANEL "A". E.C TO COORDINATE EXACT LOCATION WITH ARCHITECT/ OWNER. BASE BID ACCORDINGLY.
- E INCOMING EXISTING ELECTRICAL FEEDER SHALL REMAIN. E.C. TO VERIFY THE THE RATING AND OPERABLE CONDITION OF EXISTING ELECTRICAL FEEDER IN FIELD. REPLACE IF FOUND INOPERABLE. BASE BID ACCORDINGLY.
- F E.C TO FIELD VERIFY THE EXACT LENGTH OF THE CABLE AND CHECK THE VOLTAGE DROP IS UNDER LIMIT PER NEC BEFORE INSTALLATION. INFORM ENGINEER ON RECORD IF ANY DISCREPANCIES/ISSUE PRIOR TO BID. BASE BID ACCORDINGLY.
- G NEW 125A, 120/208V, 3-PHASE, 4-WIRE ELECTRICAL DISCONNECT SWITCH OR CIRCUIT BREAKER ENCLOSURE FEED FROM THE MAIN LUGS OF THE EXISTING ELECTRICAL PANEL "D11". E.C TO COORDINATE EXACT LOCATION WITH ARCHITECT/ OWNER. BASE BID ACCORDINGLY.



RISER DIAGRAM GENERAL NOTES:

- A. ABOVE RISER DIAGRAM IS FOR REFERENCE PURPOSES ONLY. E.C. SHALL VERIFY EXACT POWER DISTRIBUTION IN FIELD AND INFORM ENGINEER ON RECORD FOR ANY DISCREPANCY
- B. E.C. SHALL VERIFY INCOMING SERVICE AMPERAGE, WIRE SIZING AND DISTRIBUTION.
- C. E.C. TO COORDINATE FAULT CURRENT (Isc) RATING WITH UTILITY COMPANY AND AHJ PRIOR TO COMMENCING ANY WORK.
- D. E.C. TO VERIFY OPERABLE CONDITIONS OF EXISTING DEVICES IN FIELD, REPLACE/RECTIFY IF FOUND INOPERABLE. BASE BID ACCORDINGLY.
- E. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH OWNER/LANDLORD/BASE BUILDING FOR THE EXACT DETAILS/LIABILITIES TO UNDERSTAND THE SCOPE OF WORK.

ELECTRICAL RISER	SCALE	1
	N.T.S.	

ELECTRICAL DRAWING LIST

- E-1 ELECTRICAL PLAN NOTES AND RISER DIAGRAM
- E-2 ELECTRICAL GROUND FLOOR & STORAGE LIGHTING PLAN
- E-3 ELECTRICAL GROUND FLOOR & STORAGE POWER PLAN
- E-4 PANEL SCHEDULE & EQUIPMENT SCHEDULE
- E-5 ENERGY ANALYSIS SHEET 01 OF 02
- E-6 ENERGY ANALYSIS SHEET 02 OF 02

PROJECT

OKE POKE

REVISIONS DATES:

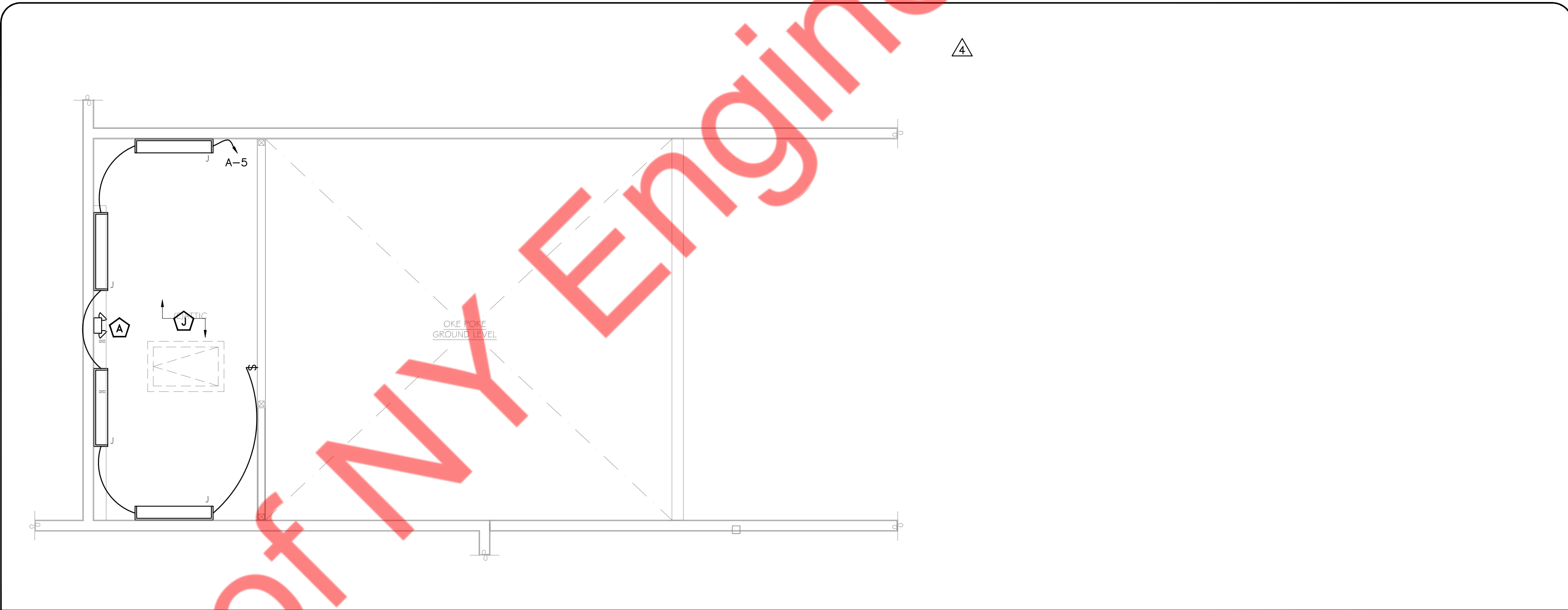
08/26/2025	PROJECT CORD.
11/11/2025	OWNER CHANGES

ELECTRICAL PLAN NOTES AND RISER DIAGRAM

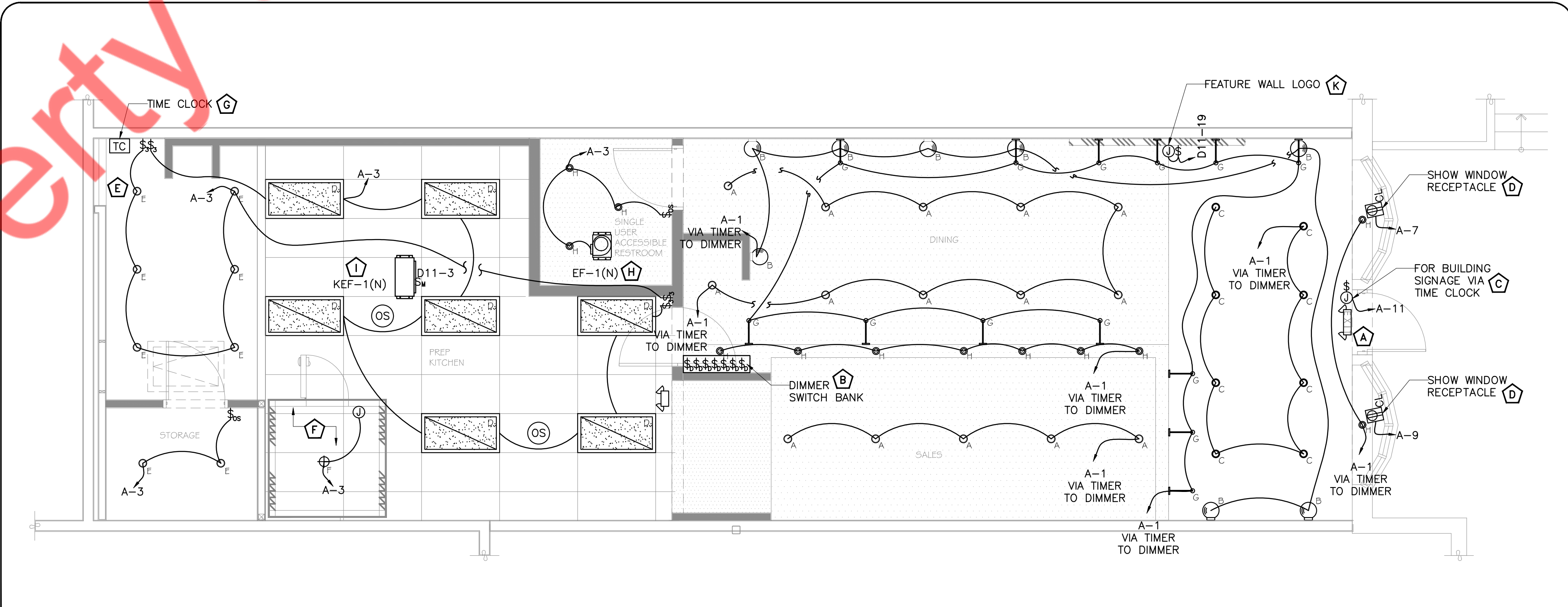
E-1

- LIGHTING PLAN GENERAL NOTES:**
1. COORDINATE FINAL FIXTURE MAKE & MODEL WITH ARCHITECT/OWNER.
 2. ALL LIGHT FIXTURES CONSIDERED TO BE AS 120 VOLT FIXTURE. E.C. SHALL INFORM ENGINEER ON RECORD OTHERWISE.
 3. UPPER CASE LETTER NEXT TO LIGHT FIXTURE DENOTES FIXTURE TYPE.
 4. ALL EMERGENCY FIXTURES SHALL BE CONNECTED TO AN UNSWITCHED HOT CONDUCTOR.
 5. CONTRACTOR ARE ADVISED TO UPDATE THE EMERGENCY LIGHT FIXTURES LOCATION/ QUANTITY PER SITE REQUIREMENT UPON FINAL INSPECTION OR PER LOCAL A.H.J REQUIREMENT.

- LIGHTING PLAN KEYED NOTES:**
- A** CONNECT EMERGENCY AND EGRESS LIGHTING FIXTURES TO THE NEAREST LIGHTING CIRCUIT AHEAD OF ALL SWITCHING AND CONTROLS PER STATE AND LOCAL CODES.
 - B** E.C. SHALL COORDINATE EXACT LOCATION OF TIMER SWITCH BANK WITH ARCHITECT/OWNER. E.C. SHALL CONFIRM CLEAR SPACE FOR SWITCH, NO OBJECT INFRONT ON SWITCH LOCATION.
 - C** PROVIDE DISCONNECT SWITCH, TIMER AND OTHER ELECTRICAL CONNECTIONS FOR EXTERIOR SIGN. E.C. SHALL COORDINATE EXACT POWER REQUIREMENT, LOCATION AND MOUNTING DETAILS WITH OWNER/LANDLORD & SIGN VENDOR.
 - D** PROVIDE SHOW WINDOW RECEPTACLE AS PER N.E.C. 210.62. VERIFY EXACT LOCATION WITH ARCHITECT.
 - E** LIGHTING NEAR ELECTRICAL PANELS SHALL NOT BE CONTROLLED BY ANY AUTOMATIC MEANS AND SHALL BE COMPLIED AS PER NEC 110.26(D).
 - F** E.C. SHALL COORDINATE WITH WALK-IN BOX MANUFACTURER FOR THE EXACT CONTROLS AND ACCESSORIES FOR THE LIGHTING CONTROL AND PROVIDE AS NECESSARY. REPORT TO ENGINEER ON RECORD FOR ANY DISCREPANCY BEFORE COMMENCING ANY WORK. BASE BID ACCORDINGLY.
 - G** TIME CLOCK FOR EXTERIOR SIGNAGE. E.C. SHALL COORDINATE WITH ARCHITECT/OWNER FOR EXACT LOCATION AND MOUNTING HEIGHT IN THE FIELD. BASE BID ACCORDINGLY.
 - H** EXHAUST FANS EF-1(N) SHALL BE INTERLOCKED WITH ROOM LIGHTS. E.C. SHALL COORDINATE WITH THE MECHANICAL CONTRACTOR IN THE FIELD. PRIOR TO ROUGH IN.
 - I** EXHAUST FANS KEF-1(N) SHALL BE INTERLOCKED WITH AHU-1(N). E.C. SHALL COORDINATE WITH THE MECHANICAL CONTRACTOR IN THE FIELD. PRIOR TO ROUGH IN.
 - J** E.C. SHALL COORDINATE WITH LIGHTING VENDOR/ ARCHITECT / OWNER FOR EXACT LOCATION MOUNTING HEIGHT AND ALL THE NECESSARY ACCESSORIES FOR THE LIGHT FIXTURE INSTALLED IN THE ATTIC FLOOR. REPORT TO ENGINEER ON RECORD FOR ANY DISCREPANCY BEFORE COMMENCING ANY WORK. BASE BID ACCORDINGLY.
 - K** E.C. SHALL COORDINATE WITH OWNER/ ARCHITECT FOR THE EXACT LOCATION, MOUNTING HEIGHT AND NECESSARY POWER REQUIREMENTS FOR THE FEATURE WALL LOGO IN FIELD. REPORT TO ENGINEER ON RECORD FOR ANY DISCREPANCY BEFORE COMMENCING ANY WORK. BASE BID ACCORDINGLY.



STORAGE LIGHTING PLAN SCALE 1/4" = 1'-0" **2**



ELECTRICAL GROUND FLOOR LIGHTING PLAN SCALE 1/4" = 1'-0" **1**

OKE POKE

PROJECT

REVISIONS DATES:

08/26/2025	PROJECT CORD.
11/11/2025	OWNER CHANGES

ELECTRICAL GROUND FLOOR & STORAGE LIGHTING PLAN

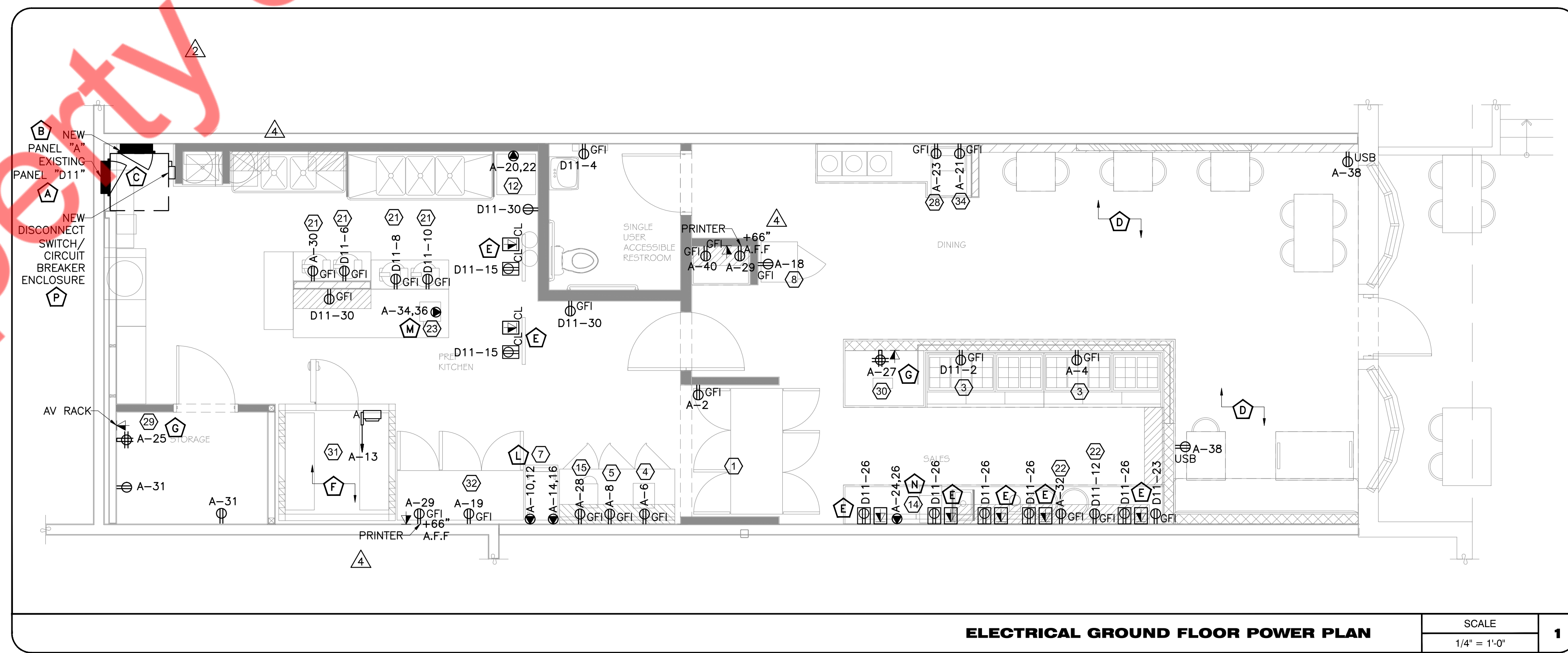
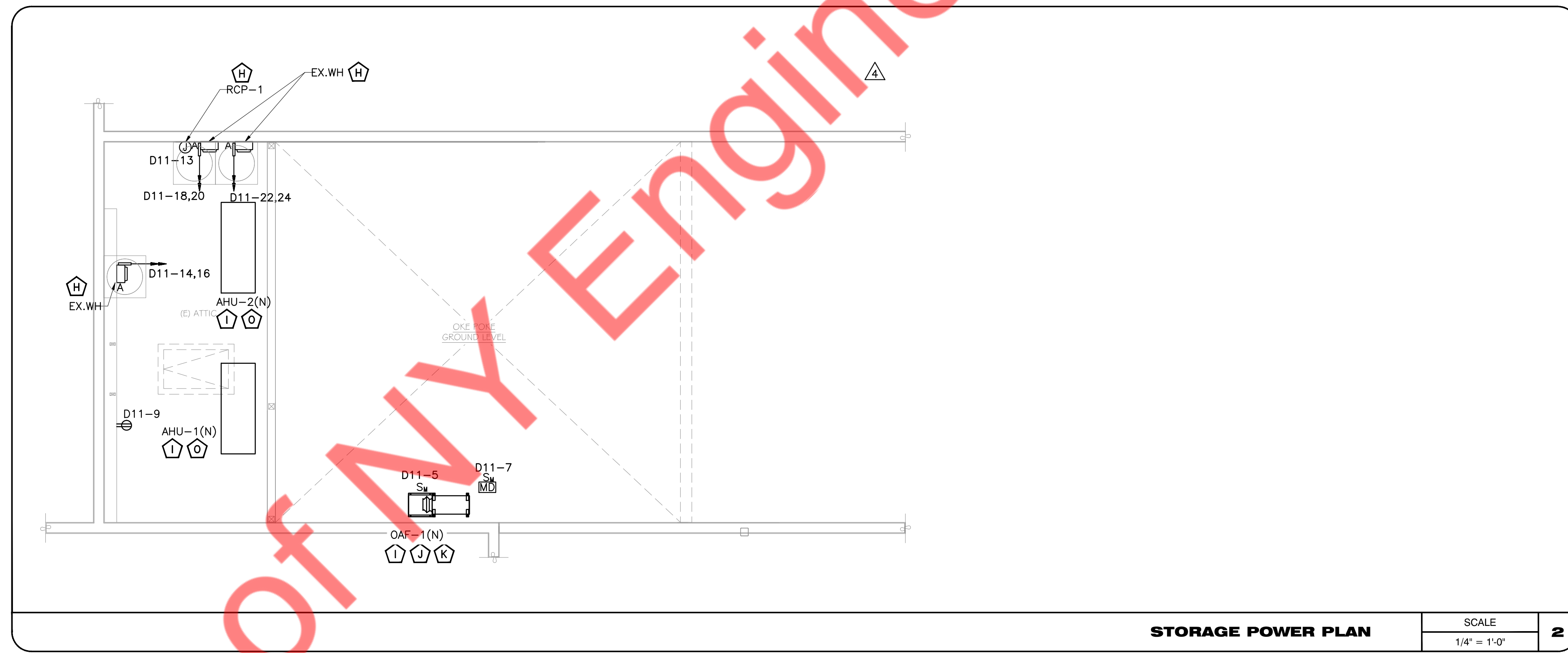
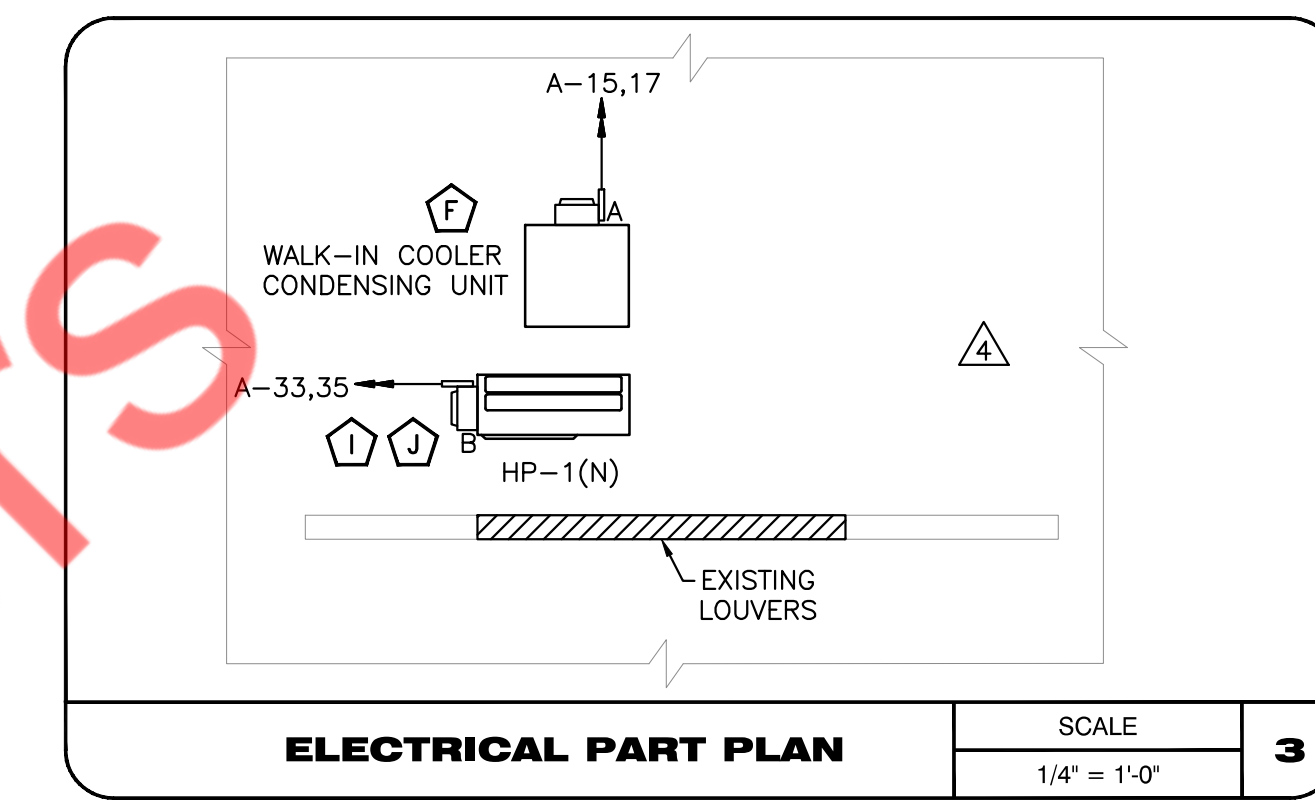
E-2

POWER PLAN GENERAL NOTES:

1. ALL 125-VOLT THROUGH 250-VOLT RECEPTACLES SUPPLIED BY SINGLE-PHASE BRANCH CIRCUITS RATED 150 VOLTS OR LESS TO GROUND, 50 AMPERES OR LESS, AND ALL RECEPTACLES SUPPLIED BY THREE-PHASE BRANCH CIRCUITS RATED 150 VOLTS OR LESS TO GROUND, 100 AMPERES OR LESS, INSTALLED IN THE LOCATIONS SPECIFIED IN 210.8(B) SHALL HAVE GFCI PROTECTION. ALL THE KITCHEN EQUIPMENT SHALL HAVE GFI BREAKER IN PANELS.
2. E.C. SHALL COORDINATE WITH THE EQUIPMENT VENDOR FOR EXACT RECEPTACLE REQUIREMENT AND WITH ARCHITECT/OWNER FOR EXACT LOCATION AND MOUNTING HEIGHT OF THE RECEPTACLES IN THE FIELD.
3. ALL ELECTRICAL EQUIPMENT, FIXTURE INSTALLED IN OUTDOOR/WET/DAMP LOCATION SHALL BE PROVIDED WITH WEATHER PROOF/NEMA 3R PROTECTION.

POWER PLAN KEYED NOTES:

- (A) EXISTING 225A(M.L.O), 120/208V, 3-PHASE, 3-WIRE ELECTRICAL PANEL "D11". E.C. SHALL VERIFY THE EXACT RATING, SIZE, OPERABLE CONDITION, LOCATION OF EXISTING ELECTRICAL PANEL "D11" IN FIELD. INFORM ENGINEER FOR ANY DISCREPANCY FOUND PRIOR TO BID.
- (B) NEW 125A(M.L.O), 120/208V, 3-PHASE, 4-WIRE ELECTRICAL PANEL "A" E.C. TO COORDINATE EXACT LOCATION WITH ARCHITECT/OWNER.
- (C) E.C. SHALL VERIFY THE INSTALLATION OF ELECTRICAL EQUIPMENTS ARE IN COMPLIANCE WITH N.E.C. ARTICLE 110.26(A) AND (B). E.C. SHALL FIELD VERIFY THAT THE PANELS ARE UNOBSTRUCTED AND THE AREA WHERE THE PANELS ARE PLACED SHALL NOT BE USED AS A STORAGE SPACE.
- (D) ALL 15/20A, 125V AND 250V NON LOCKING TYPE RECEPTACLES IN LOBBY/ HALLWAY SHALL BE LISTED TAMPER RESISTANCE AS PER NEC 406.12.
- (E) PROVIDE (1) DUPLEX RECEPTACLE AND (1) CAT6 DATA CABLE AND CONNECTION FOR EACH TV AND MONITOR. E.C SHALL COORDINATE WITH THE ARCHITECT/ OWNER FOR EXACT LOCATION, MOUNTING HEIGHT AND RECEPTACLE REQUIREMENT FOR THE TELEVISION BEFORE COMMENCING ANY WORK. BASE BID ACCORDINGLY.
- (F) E.C SHALL COORDINATE EXACT POWER REQUIREMENT WITH WALK-IN COOLER MANUFACTURER AND MAKE POWER PROVISION ACCORDINGLY. BASE BID ACCORDINGLY.
- (G) E.C SHALL COORDINATE WITH THE POS SYSTEM AND AUDIO/VIDEO SYSTEM VENDOR/ MANUFACTURER/ OWNER FOR THE EXACT LOCATION, REQUIREMENT OF THE POS SYSTEM AND MOUNTING HEIGHT OF THE OUTLETS/ DATA OUTLETS BEFORE COMMENCING ANY WORK. INFORM ENGINEER FOR ANY DISCREPANCY. BASE BID ACCORDINGLY.
- (H) E.C SHALL COORDINATE WITH THE PLUMBING CONTRACTOR FOR EXACT LOCATION AND POWER REQUIREMENT OF THE PLUMBING UNITS IN THE FIELD. PROVIDE CIRCUIT AND CONTROL AS REQUIRED.
- (I) E.C SHALL COORDINATE WITH THE MECHANICAL CONTRACTOR FOR EXACT LOCATION AND POWER REQUIREMENT OF THE MECHANICAL UNITS IN THE FIELD. PROVIDE CIRCUIT AND CONTROL AS REQUIRED.
- (J) E.C SHALL COORDINATE DISCONNECT AND FUSE REQUIREMENT FOR MECHANICAL UNIT WITH MECHANICAL CONTRACTOR AND EQUIPMENT MANUFACTURER PRIOR TO ROUGH-IN AND PROVIDE AS REQUIRED. LOCATE AS REQUIRED TO MAINTAIN NEC CLEARANCES
- (K) OAF-1(N) SHALL BE INTERLOCKED WITH AHU-1(N) & AHU-2(N). E.C SHALL COORDINATE WITH THE MECHANICAL CONTRACTOR IN THE FIELD. PRIOR TO ROUGH IN.
- (L) E.C SHALL COORDINATE WITH OWNER/ ARCHITECT AND #7_ICE CREAM DISPENSER EQUIPMENT MANUFACTURER FOR EXACT POWER REQUIREMENT, MOUNTING HEIGHT & LOCATION BEFORE COMMENCING ANY WORK. BASE BID ACCORDINGLY.
- (M) E.C SHALL COORDINATE WITH OWNER/ARCHITECT AND #23_FOOD PROCESSOR EQUIPMENT MANUFACTURER FOR EXACT POWER REQUIREMENT, MOUNTING HEIGHT & LOCATION BEFORE COMMENCING ANY WORK. BASE BID ACCORDINGLY.
- (N) E.C SHALL COORDINATE WITH OWNER/ARCHITECT AND #14_BURRITO/MAKIKI-SUSHI MACHINE EQUIPMENT MANUFACTURER FOR EXACT POWER REQUIREMENT, MOUNTING HEIGHT & LOCATION BEFORE COMMENCING ANY WORK. BASE BID ACCORDINGLY.
- (O) INDOOR UNIT IS POWERED BY THE OUTDOOR UNIT. E.C SHALL COORDINATE WITH EQUIPMENT MANUFACTURER FOR EXACT ELECTRICAL POWER REQUIREMENTS AND ACCESSORIES REQUIREMENT PRIOR TO ROUGH-IN TO ENSURE EXACT EQUIPMENT OPERATION. BASE BID ACCORDINGLY.
- (P) NEW 125A, 120/208V, 3-PHASE, 4-WIRE ELECTRICAL DISCONNECT SWITCH OR CIRCUIT BREAKER ENCLOSURE FEED FROM THE MAIN LUGS OF THE EXISTING ELECTRICAL PANEL "D11". E.C TO COORDINATE EXACT LOCATION WITH ARCHITECT/ OWNER. BASE BID ACCORDINGLY.



OKE POKE

PROJECT

REVISIONS DATES:

- ▲ 08/26/2025 PROJECT CORD.
- ▲ 11/11/2025 OWNER CHANGES

ELECTRICAL GROUND FLOOR & STORAGE POWER PLAN

E-3

ELECTRICAL PANEL SCHEDULE:-

PANEL: D11(E)														MOUNTING:		REFER TO EL. POWER PLAN (SHEET E-3)	
208Y/120 VOLTS, 3 PHASE, 4 WIRE														LOCATION:		REFER TO EL. POWER PLAN (SHEET E-3)	
MAIN CB NA M.L.O. 225A BUS: EXISTING MIN,														AIC RATING:		10,000 AIC	
NOTE: L : LIGHTING, H : HVAC LOAD, E: EQUIPMENT, M : MOTOR LOAD, R : RECEPTACLES, O : OTHER/MISC. (TYPICAL)														FED FROM:		REFER TO EL. RISER DIAGRAM (SHEET E-1)	
CKT NO.	TRIP AMPS	DESCRIPTION OF LOAD	LOAD TYPE	LOAD (KVA)	MINIMUM BRANCH CIRCUIT	PER PHASE (KVA)			MINIMUM BRANCH CIRCUIT	LOAD (KVA)	LOAD TYPE	DESCRIPTION OF LOAD	TRIP AMPS	CKT NO.			
						A	B	C									
1	20	SPARE				0.93			2#12, 1#12G, 3/4"C	0.93	E	#3_FOOD PREP TABLE W/REFRIGERATOR	20	2			
3	20	KEF-1(N)	M	0.47	2#12, 1#12G, 3/4"C		0.65		2#12, 1#12G, 3/4"C	0.18	R	RECEPTACLE - RESTROOM	20	4			
5	20	OAF-1(N)	M	0.10	2#12, 1#12G, 3/4"C			1.40	2#12, 1#12G, 3/4"C	1.30	E	#21_RICE COOKER AND WARMER	20	6			
7	20	MOTORISED DAMPER	M	0.12	2#12, 1#12G, 3/4"C	1.42			2#12, 1#12G, 3/4"C	1.30	E	#21_RICE COOKER AND WARMER	20	8			
9	20	RECEPTACLE - ATTIC FLOOR	R	0.18	2#12, 1#12G, 3/4"C		1.48		2#12, 1#12G, 3/4"C	1.30	E	#21_RICE COOKER AND WARMER	20	10			
11	20	SPARE						0.08	2#12, 1#12G, 3/4"C	0.08	E	#22_DROP-IN RICE WARMER	20	12			
13	20	RCP-1	O	0.09	2#12, 1#12G, 3/4"C	1.78			2#12, 1#12G, 3/4"C	1.69	O		20-2P	14			
15	20	RECEPTACLE - CEILING MOUNTED MONITOR, PREP KITCHEN AREA	R	0.36	2#12, 1#12G, 3/4"C		2.05		2#12, 1#12G, 3/4"C	1.69	O	EX.WH	20-2P	16			
17								1.69	2#12, 1#12G, 3/4"C	1.69	O	EX.WH	20-2P	18			
19	90-3P	SPARE				1.69			2#12, 1#12G, 3/4"C	1.69	O	EX.WH	20-2P	20			
21							1.69		2#12, 1#12G, 3/4"C	1.69	O	EX.WH	20-2P	22			
23	20	RECEPTACLE - SALES AREA	R	0.18	2#12, 1#12G, 3/4"C			1.87	2#12, 1#12G, 3/4"C	1.69	O	EX.WH	20-2P	24			
25		SPACE				0.90			2#12, 1#12G, 3/4"C	0.90	R	RECEPTACLE - WALL MOUNTED TV, SALES AREA	20	26			
27		SPACE					0.50		2#12, 1#12G, 3/4"C	0.50	O	FEATURE WALL W/LOGO	20	28			
29		SPACE						0.54	2#12, 1#12G, 3/4"C	0.54	R	RECEPTACLE - PREP KITCHEN AREA	20	30			
TOTAL CONNECTED LOAD (KVA)						6.72	6.37	5.58									

EQUIPMENT SCHEDULE:-

ITEM NO.	DESCRIPTION	VOLTAGE	PHASE	AMPS	KW	REMARK
1	PASS THRU GLASS 3-DOOR REFRIGERATOR	115	1	10.8	1.24	VERIFY WITH OWNER/VENDOR
3	FOOD PREP TABLE W/REFRIGERATOR	115	1	8.1	0.93	
4	SHAVE ICE MACHINE	115	1	3.8	0.44	
5	3-DOOR WORKTOP FREEZER	115	1	5	0.58	
7	ICE CREAM DISPENSER	208	1	20	4.16	
7	ICE CREAM DISPENSER	208	1	19	3.95	
8	STAND UP 1-DOOR DRINK REFRIGERATOR	115	1	4.1	0.47	
12	UNDERCOUNTER DISHWASHER	208	1	33	6.86	
14	BURRITO/ MAKI SUSHI MACHINE	208	1	0.57	0.12	
15	MISO SOUP DISPENSER	120	1	12	1.44	
21	RICE COOKER AND WARMER	120	1	10.8	1.30	
22	DROP-IN RICE WARMER	120	1	0.64	0.08	
23	FOOD PROCESSOR	208	1	5.7	1.19	
28	SODA MACHINE W/ICE MAKER	120	1	4.16	0.50	
31	WALK-IN COOLER EVAPORATOR	120	1	0.91	0.11	
31	WALK-IN COOLER CONDENSER	208	1	15	3.12	
32	STAND UP 3-DOOR FREEZER	115	1	13	1.50	
34	COUNTERTOP SODA DISPENSER	120	1	4.16	0.50	

NOTE:

* INDICATES GFCI BREAKER.

PANEL: A(N)														MOUNTING:		REFER TO EL. POWER PLAN (SHEET E-3)	
208Y/120 VOLTS, 3 PHASE, 4 WIRE														LOCATION:		REFER TO EL. POWER PLAN (SHEET E-3)	
MAIN CB NA M.L.O. 125A BUS: 125A MIN,														AIC RATING:		REFER TO EL. RISER DIAGRAM (SHEET E-1)	
NOTE: L : LIGHTING, H : HVAC LOAD, E: EQUIPMENT, M : MOTOR LOAD, R : RECEPTACLES, O : OTHER/MISC. (TYPICAL)														FED FROM:		REFER TO EL. RISER DIAGRAM (SHEET E-1)	
CKT NO.	TRIP AMPS	DESCRIPTION OF LOAD	LOAD TYPE	LOAD (KVA)	MINIMUM BRANCH CIRCUIT	PER PHASE (KVA)			MINIMUM BRANCH CIRCUIT	LOAD (KVA)	LOAD TYPE	DESCRIPTION OF LOAD	TRIP AMPS	CKT NO.			
						A	B	C									
1	20	LIGHTING - SALES, DINING AREA	L	0.83	2#12, 1#12G, 3/4"C	2.08			2#12, 1#12G, 3/4"C	1.24	E	#1_PASS THRU GLASS 3-DOOR REFRIGERATOR	20	2			
3	20	LIGHTING - PREP KITCHEN AREA, STORAGE, SINGLE USER ACCESSIBLE RESTROOM, EF-1(N)	L	0.56	2#12, 1#12G, 3/4"C		1.50		2#12, 1#12G, 3/4"C	0.93	E	#3_FOOD PREP TABLE W/REFRIGERATOR	20	4			
5	20	LIGHTING - ATTIC FLOOR, MAINTENANCE LIGHT	L	0.12	2#12, 1#12G, 3/4"C			0.56	2#12, 1#12G, 3/4"C	0.44	E	#4_SHAVE ICE MACHINE	20	6			
7	20	SHOW WINDOW RECEPTACLE	R	1.50	2#12, 1#12G, 3/4"C	2.08			2#12, 1#12G, 3/4"C	0.58	E	#5_3-DOOR WORKTOP FREEZER	20	8			
9	20	SHOW WINDOW RECEPTACLE	R	1.50	2#12, 1#12G, 3/4"C		3.58		2#12, 1#12G, 3/4"C	2.08	E	#7_ICE CREAM DISPENSER	25-2P*	10			
11	20	BUILDING SIGNAGE/ TIME CLOCK	L	1.20	2#12, 1#12G, 3/4"C			3.28	3#10, 1#10G, 3/4"C	2.08	E	#7_ICE CREAM DISPENSER	25-2P*	12			
13	20	#31_WALK-IN COOLER EVAPORATOR	E	0.11	2#12, 1#12G, 3/4"C	2.09			3#10, 1#10G, 3/4"C	1.98	E	#7_ICE CREAM DISPENSER	25-2P*	14			
15			E	1.56			3.54		3#10, 1#10G, 3/4"C	1.98	E	#7_ICE CREAM DISPENSER	25-2P*	16			
17	20-2P	#31_WALK-IN COOLER CONDENSOR	E	1.56	2#12, 1#12G, 3/4"C			2.03	2#12, 1#12G, 3/4"C	0.47	E	#8_STAND UP 1-DOOR DRINK REFRIGERATOR	20	18			
19	20	#32_STAND UP 3-DOOR FREEZER	E	1.50	2#12, 1#12G, 3/4"C	4.93			2#12, 1#12G, 3/4"C	3.43	E	#12_UNDERCOUNTER DISHWASHER	40-2P*	20			
21	20	#34_COUNTERTOP SODA DISPENSER	E	0.50	2#12, 1#12G, 3/4"C		3.93		2#12, 1#12G, 3/4"C	3.43	E	#12_UNDERCOUNTER DISHWASHER	40-2P*	22			
23	20	#28_SODA MACHINE W/ICE MAKER	E	0.50	2#12, 1#12G, 3/4"C			0.56	2#12, 1#12G, 3/4"C	0.06	E	#14_BURRITO/ MAKI SUSHI MACHINE	20-2P*	24			
25	20	#29_AUDIO/VIDEO RACK (A/V)	R	0.36	2#12, 1#12G, 3/4"C	0.42			2#12, 1#12G, 3/4"C	0.06	E	#14_BURRITO/ MAKI SUSHI MACHINE	20-2P*	26			
27	20	#30_POSX SYSTEM	R	0.36	2#12, 1#12G, 3/4"C		1.80		2#12, 1#12G, 3/4"C	1.44	E	#15_MISO SOUP DISPENSER	20	28			
29	20	#POS, PRINTER	R	0.36	2#12, 1#12G, 3/4"C			1.66	2#12, 1#12G, 3/4"C	1.30	E	#21_RICE COOKER AND WARMER	20	30			
31	20	RECEPTACLE - STORAGE	R	0.36	2#12, 1#12G, 3/4"C	0.44			2#12, 1#12G, 3/4"C	0.08	E	#22_DROP-IN RICE WARMER	20	32			
33			H	3.46			4.06		2#12, 1#12G, 3/4"C	0.59	E	#23_FOOD PROCESSOR	20-2P*	34			
35	40-2P	HP-1(N)	H	3.46	2#8, 1#10G, 3/4"C			4.06	2#12, 1#12G, 3/4"C	0.59	E	#23_FOOD PROCESSOR	20-2P*	36			
37	20	SPARE				0.36			2#12, 1#12G, 3/4"C	0.36	R	RECEPTACLE - DINING AREA	20	38			
39	20	SPARE					0.18		2#12, 1#12G, 3/4"C	0.18	R	RECEPTACLE - DINING AREA	20	40			
41	20	SPARE						0.00					20	42			
TOTAL CONNECTED LOAD (KVA)						12.38	18.58	12.14									

PANEL SCHEDULE GENERAL NOTES:

- ALL CIRCUITING SHOWN IN PANEL "D11" ARE FOR REFERENCE PURPOSE ONLY. E.C SHALL VERIFY CIRCUITING & BREAKER SIZE OF THE EXISTING DEVICES IN FIELD AND INFORM ENGINEER FOR DISCREPANCIES.
- ELECTRICAL CONTRACTOR TO VERIFY THE EXACT PANEL SIZES AND INCOMING FEEDER SIZE.
- E.C SHALL PROVIDE NEW CIRCUIT BREAKERS IN PLACE OF EXISTING CIRCUIT BREAKERS WHEREVER NECESSARY TO BE IN LINE WITH THE PANEL SCHEDULE.
- E.C SHALL VERIFY THE EXISTING EQUIPMENT LOAD & RATINGS IN FIELD AND ACCORDINGLY CONSIDER THE ELECTRICAL LOAD IN PANEL BOARD SCHEDULE.
- E.C SHALL PROVIDE NEW CIRCUIT BREAKER IN PLACE OF EXISTING CIRCUIT BREAKER WHEREVER NECESSARY TO BE IN LINE WITH THE PANEL SCHEDULE. ALSO CHECK COMPATIBILITY OF NEWLY ADDED BREAKERS WITH EXISTING PANEL BEFORE PURCHASE

PANEL SCHEDULE KEY NOTES:

- E.C SHALL PROVIDE (9)20AMP, 1 POLE BREAKER IN THE PLACE OF (9)SPACE. BASE BID ACCORDINGLY.
- E.C SHALL PROVIDE (2)20AMP, 2 POLE BREAKER IN THE PLACE OF (4)SPACE. BASE BID ACCORDINGLY.

PROJECT

OKE POKE

REVISIONS DATES:

08/26/2025	PROJECT CORD.
11/11/2025	OWNER CHANGES

PANEL SCHEDULES & EQUIPMENT SCHEDULE

STATE OF CALIFORNIA
Indoor Lighting CALIFORNIA ENERGY COMMISSION
 CERTIFICATE OF COMPLIANCE NRCC-LTI-E
 This document is used to demonstrate compliance with requirements in 110.9, 110.12(c), 130.0, 130.1, 140.6 and 141.0(b)2 for indoor lighting scopes using the prescriptive path for nonresidential and hotel/motel occupancies. It is also used to document compliance with requirements in 160.5, 170.2(e) and 180.2(b)4 for indoor lighting scopes using the prescriptive path for multifamily occupancies. Multifamily includes dormitory and senior living facilities.
 Project Name: OKE POKE Report Page: (Page 1 of 8)
 Project Address: Date Prepared: 2025-11-11T12:37:02-05:00

A. GENERAL INFORMATION

01 Project Location (city)	SAN RAMON	04 Total Conditioned Floor Area (ft ²)	1,670
02 Climate Zone	12	05 Total Unconditioned Floor Area (ft ²)	0
03 Occupancy Types Within Project (select all that apply):	<input checked="" type="checkbox"/> Restaurant <input type="checkbox"/>		

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
My Project Consists of (check all that apply):	Calculation Method	Area (ft ²)
<input checked="" type="checkbox"/> New Lighting System	Complete Building Method	1670
<input type="checkbox"/> New Lighting System - Parking Garage	N/A	0
Total Area of Work (ft²)		1670

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Report Version: 2022.0.000
 Schema Version: rev 20220101
 Generated Date/Time: Documentation Software: Energy Code Ace
 Compliance ID: 307801-1125-0006
 Report Generated: 2025-11-11 09:37:06

STATE OF CALIFORNIA
Indoor Lighting CALIFORNIA ENERGY COMMISSION
 CERTIFICATE OF COMPLIANCE NRCC-LTI-E
 Project Name: OKE POKE Report Page: (Page 2 of 8)
 Date Prepared: 2025-11-11T12:37:02-05:00

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)					Adjusted Lighting Power per 140.6(a) / 170.2(e) (Watts)			Compliance Results
	01	02	03	04	05	06	07	08	
	Complete Building 140.6(c)1	Area Category 140.6(c)2 / 170.2(e)4	Area Category Additional 140.6(c)2G / 170.2(e)4Av (+)	Tailored 140.6(c)3 / 170.2(e)4B (+)	Total Allowed (Watts)	Total Designed (Watts)	Adjustments PAF Lighting Control Credits 140.6(a)2 / 170.2(e)1B (-)	Total Adjusted (Watts) *Includes Adjustments	
(See Table I)	(See Table I)	(See Table J)	(See Table K)	=	1,254.5	1,250	=	1250	COMPLIES
Conditioned	1,254.5			=	1,254.5	1,250	=	1250	COMPLIES
Unconditioned				=			=		COMPLIES
Controls Compliance (See Table H for Details)									COMPLIES
Rated Power Reduction Compliance (See Table Q for Details)									COMPLIES

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.

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Report Version: 2022.0.000
 Schema Version: rev 20220101
 Generated Date/Time: Documentation Software: Energy Code Ace
 Compliance ID: 307801-1125-0006
 Report Generated: 2025-11-11 09:37:06

STATE OF CALIFORNIA
Indoor Lighting CALIFORNIA ENERGY COMMISSION
 CERTIFICATE OF COMPLIANCE NRCC-LTI-E
 Project Name: OKE POKE Report Page: (Page 3 of 8)
 Date Prepared: 2025-11-11T12:37:02-05:00

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
A	4" LED RECESSED LIGHT FIXTURE	No	NA	16	Mfr. Spec	15	No	240	Pass Fail
B	GLOBAL WALL SCONCE	No	NA	14	Mfr. Spec	8	No	112	Pass Fail
C	4" REGRESSED GIMBALL LED LIGHT FIXTURE	No	NA	15	Mfr. Spec	8	No	120	Pass Fail
D	2'x4' LAY-IN LIGHT FIXTURE	No	NA	34	Mfr. Spec	7	No	238	Pass Fail
E	6" LED RECESSED LIGHT FIXTURE	No	NA	12	Mfr. Spec	8	No	96	Pass Fail
F	LED VAPOR TIGHT CAGE LIGHT FIXTURE INSIDE WALK-INS	No	NA	20	Mfr. Spec	1	Exempt	---	Pass Fail
G	WALL-MOUNT ADJUSTABLE SPOT LIGHT	No	NA	16	Mfr. Spec	12	No	192	Pass Fail
H	3" REGRESSED GIMBALL LED LIGHT FIXTURE	No	NA	11	Mfr. Spec	12	No	132	Pass Fail
J	4' LED LIGHT FIXTURE	No	NA	30	Mfr. Spec	4	No	120	Pass Fail
Total Designed Watts: CONDITIONED SPACES									1,250

¹FOOTNOTE: Design Watts for small aperture and color changing luminaires which qualify per 140.6(b)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.

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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
		Pass Fail
NA < 4,000W subject to multilevel	Whole Building Auto Time Switch	Pass Fail

Area Level Controls

04	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(d) / 160.5(b)4D	Interlocked Systems 140.6(a)1/170.2(e)2A	Field Inspector
DINING AREA	Restaurant	Auth. Personnel	Multilevel Switch	Auto. Time Switch	NA: Not daylight zone	NA: Not daylight zone	No	Pass Fail
SALES AREA	Restaurant	Auth. Personnel	Multilevel Switch	Auto. Time Switch	NA: Not daylight zone	NA: Not daylight zone	No	Pass Fail
PREP KITCHEN AREA	Restaurant	Auth. Personnel	Multilevel Switch	Occupancy Sensor	NA: Not daylight zone	NA: Not daylight zone	No	Pass Fail
ATTIC FLOOR	Restaurant	Auth. Personnel	Multilevel Switch	Occupancy Sensor	NA: Not daylight zone	NA: Not daylight zone	No	Pass Fail

13
 Plan Sheet Showing Daylit Zones:

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OKE POKE

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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.

01 Area Description	02 Complete Building or Area Category Primary Function Area	03 Allowed Density (W/ft ²)	04 Area (ft ²)	05 Allowed Wattage (Watts)	06 Additional Allowance / Adjustment	
					Area Category	PAF
DINING AREA	Restaurant	0.65	700	455	No	No
SALES AREA	Restaurant	0.65	330	214.5	No	No
PREP KITCHEN AREA	Restaurant	0.65	700	455	No	No
ATTIC FLOOR	Restaurant	0.65	200	130	No	No
TOTALS:			1,930	1,254.5	See Tables J, or P for detail	

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.

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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.

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.

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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	Systems/Spaces To Be Field Verified
NRCC-LTH-E - Must be submitted for all buildings	
NRCA-LTH-02-A - Must be submitted for occupancy sensors and automatic time switch controls.	DINING AREA; SALES AREA; PREP KITCHEN AREA; ATTIC FLOOR

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 Project Address: 188 MARKET PLACE SAN RAMON, CA 94583

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

Documentation Author Name: Michael Tobias	Documentation Author Signature:
Company: NY Engineers	Signature Date: 2025-11-11
Address: 382 NE 191ST, SUITE 49674	CEA/HERS Certification Identification (if applicable):
City/State/Zip: Miami, FL 33179	Phone: 212-575-5300

RESPONSIBLE PERSON'S DECLARATION STATEMENT
 I certify the following under penalty of perjury, under the laws of the State of California:

- The information provided on this Certificate of Compliance is true and correct.
- 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).
- The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
- 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.
- 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: Michael Tobias	Responsible Designer Signature:
Company: NY Engineers	Date Signed: 2025-11-11
Address: 382 NE 191ST, SUITE 49674	License: M33750
City/State/Zip: Miami, FL 33179	Phone: 212-575-5300

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SCOPE OF WORK

PROVIDE ALL PLUMBING FOR NEW RESTAURANT WITHIN AN EXISTING BUILDING SHELL, INCLUDING ALL WATER, VENT, GREASE & SANITARY LINES AND CONNECTION TO EXISTING UTILITIES. REUSE EXISTING THREE ELECTRIC WATER HEATERS & REUSE 1500 GALLONS EXTERIOR GREASE INTERCEPTOR.

PLUMBING NOTES

- ALL WORKMANSHIP AND MATERIALS SHALL BE IN STRICT ACCORDANCE WITH APPLICABLE LOCAL CODES, RULES AND ORDINANCES.
- PLUMBING CONTRACTOR SHALL REVIEW ALL DRAWINGS OF THIS SET. CONTRACTOR TO VERIFY THAT ALL EQUIPMENT SHOWN AS EXISTING MATCHES THE DESCRIPTIONS AND SPECIFICATIONS SHOWN ON DRAWINGS AND SCHEDULES. IF DIFFERENT NOTIFY ARCHITECT/ENGINEER BEFORE BIDDING, ORDERING OR PRECEDING WITH WORK.
- ALL EQUIPMENT WHICH IS TO REMAIN MUST BE REFURBISHED TO A LIKE NEW CONDITION.
- PLUMBING CONTRACTOR SHALL VISIT THE JOB SITE AND THOROUGHLY FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS.
- ALL MATERIALS SHALL BE NEW.
- ALL WORK SHALL BE PERFORMED BY A LICENSED PLUMBING CONTRACTOR IN A FIRST CLASS WORKMANLIKE MANNER. THE COMPLETED SYSTEM SHALL BE FULLY OPERATIVE. ALL EXCAVATION AND BACKFILL AS REQUIRED FOR THIS PHASE OF CONSTRUCTION SHALL BE A PART OF THIS CONTRACT.
- REQUIRED INSURANCE SHALL BE PROVIDED BY THE PLUMBING CONTRACTOR FOR PROTECTION AGAINST PUBLIC LIABILITY AND PROPERTY DAMAGE FOR THE DURATION OF THE WORK.
- PLUMBING CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS, FEES, INSPECTION AND TESTS. PLUMBING CONTRACTOR TO OBTAIN PERMIT AND APPROVED SUBMITTALS PRIOR TO BEGINNING WORK OR ORDERING EQUIPMENT. PLUMBING CONTRACTOR MUST BE PRESENT FOR ALL INSPECTIONS OF HIS WORK BY REGULATORY AUTHORITIES.
- DRAWINGS ARE DIAGRAMMATIC. DO NOT SCALE FOR THE EXACT LOCATION OF FIXTURES, PIPING, EQUIPMENT, ETC.
- ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF CONSTRUCTION. REPORT ANY DISCREPANCY TO ENGINEER/ARCHITECT PRIOR TO BEGINNING CONSTRUCTION.
- VERIFY LOCATION, SIZE, DIRECTION OF FLOW AND INVERTS OF ALL EXISTING UTILITIES PRIOR TO BEGINNING OF CONSTRUCTION. ADVISE ENGINEER OF ANY DISCREPANCIES.
- EXPOSED WATER PIPING SHALL BE TYPE "L" COPPER FOR 2" AND UNDER. WATER PIPING IN WALLS AND UNDERGROUND MAY BE "PEX" TYPE PIPING THAT MEETS ANSIS/NSF STANDARD 61.
- SOIL, WASTE, VENT AND RAINWATER PIPING SHALL BE PVC BUT MAY NOT RUN THRU RATED ASSEMBLIES OR IN PLENUMS.
- ALL FIXTURES MUST BE PROVIDED WITH READILY ACCESSIBLE STOPS AND APPROPRIATELY MARKED ACCESS PANELS. COORDINATE LOCATIONS WITH GENERAL CONTRACTOR PRIOR TO INSTALLATION.
- FURNISH AND INSTALL APPROVED AIR CHAMBERS AT EACH PLUMBING FIXTURE GROUP AS PER CODE AND WITH GOOD ENGINEERING PRACTICE.
- DIELECTRIC COUPLINGS ARE REQUIRED BETWEEN ALL DISSIMILAR METAL IN PIPING AND EQUIPMENT CONNECTIONS; EXCEPT AT WATER HEATER AS PER CODE.
- ISOLATE COPPER PIPE FROM HANGER OR SUPPORTS WITH ISOLATOR PAD.
- ALL FIRE RATED FLOOR AND WALL PENETRATIONS SHALL BE PROPERLY PROTECTED FROM FIRE, SMOKE AND WATER PENETRATION BY FILLING VOIDS BETWEEN PIPE AND WALL/FLOOR SLEEVES WITH FIRE RATED FOAM, TO ACHIEVE THE SAME RATING AS WALLS OR FLOORS AS PART OF THE PLUMBER'S WORK.
- PLUMBING CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP FREE FROM DEFECTS FOR A PERIOD OF NOT LESS THAN ONE (1) YEAR FROM DATE OF CERTIFICATE OF OCCUPANCY. CORRECTION OF ANY DEFECTS SHALL BE COMPLETED WITHOUT ADDITIONAL CHARGE WITHIN 72 HOURS OF NOTIFICATION AND SHALL INCLUDE REPLACEMENT OR REPAIR OF ANY OTHER PHASE OF THE INSTALLATION WHICH MAY HAVE BEEN DAMAGED. PROVIDE COPY TO LL.
- STUDOR MINI/MAXI AIR ADMITTANCE VALVES MAY NOT BE USED AS AN ALTERNATE TO VENT PIPING THRU ROOF.
- PROVIDE CHROME PLATED COMBINATION COVER PLATE AND CLEAN OUT PLUG OR ACCESS PANEL FOR ALL CLEANOUTS.
- NO COMBUSTIBLE MATERIAL TO BE USED IN MECHANICAL ROOMS OR IN CEILING SPACES WHERE USED AS RETURN AIR PLENUMS.
- NO WATER, SANITARY OR DRAINAGE PIPING PERMITTED IN ELECTRICAL OR ELEVATOR EQUIPMENT ROOMS.
- WATER PIPING INSULATION SHALL BE 1" THICK ARMAFLEX INSTALLED IN ACCORDANCE WITH MANUFACTURERS' INSTRUCTIONS FOR ALL HOT WATER PIPING. WHERE DOMESTIC WATER TEMPERATURES CAN CAUSE SWEATING, ALL COLD WATER PIPING SHALL BE INSULATED WITH 1/2" THICK ARMAFLEX INSULATION.
- CONDENSATE DRAIN LINES TO BE RUN UNDER SLAB IN PVC SCH 40 PIPE AND STUBBED OUT OF WALL TO UNIT. TIE-IN OF A/C TO BE BY OTHERS. PVC PIPING WITH 1/2" THICK ARMAFLEX INSULATION MAY BE USED IN LOCATIONS WHERE ALLOWED BY LOCAL CODES. SEE PLUMBING DRAWINGS FOR SIZE AND LOCATION OF PIPING. PVC WILL BE MIN. SCHEDULE 40 FOR SIZE AND LOCATION OF PIPING. PVC WILL BE MIN. SCHEDULE 40.
- PROVIDE ANGLE STOPS ON ALL WATER SERVICE LINES TO FIXTURES FOR INDIVIDUAL SHUT-OFF.
- NO JOINTS UNDERGROUND FOR COPPER.
- PLUMBING FIXTURES SHALL COMPLY WITH 2022 CALIFORNIA PLUMBING CODE.
- WATER HAMMER ARRESTORS AS PER 2022 CALIFORNIA PLUMBING CODE.
- PLUMBING CONTRACTOR TO PROVIDE ANTI-SCALDING VALVE FOR TUBS AND SHOWERS.
- PLUMBING CONTRACTOR SHALL REVIEW ALL BID DOCUMENTATION.
- PLUMBING CONTRACTOR SHALL REVIEW WALL FINISHES @ LOCATION REQUIRING BARRIER-FREE COMPLIANCE (EXAMPLE: CENTER LINE TO TOILET).
- CONSTRUCTION "AS BUILT" DRAWINGS AND DOCUMENTS SHALL BE PROVIDED TO THE OWNER WITHIN 30 DAYS AFTER THE DATE OF ACCEPTANCE. PROVIDE A COPY TO LL.
- OPERATION MANUALS AND MAINTENANCE MANUALS SHALL BE PROVIDED TO THE BUILDING OWNER. PROVIDE A COPY TO LL.

ENERGY CONSERVATION NOTES

- AS PER 2022 CALIFORNIA ENERGY CODE 110.3(C)4A, AIR RELEASE VALVE OR VERTICAL PUMP SHALL BE INSTALLED ON RECIRCULATION LOOP PIPING ON THE INLET SIDE OF RECIRCULATION PUMP.
- AS PER 2022 CALIFORNIA ENERGY CODE 110.3(C)4B, CHECK VALVE OR SIMILAR DEVICE SHALL BE LOCATED BETWEEN THE RECIRCULATION PUMP AND THE WATER HEATING EQUIPMENT TO PREVENT WATER FROM FLOWING BACKWARDS THROUGH THE RECIRCULATION PUMP.
- AS PER 2022 CALIFORNIA ENERGY CODE 110.3(C)4D, ISOLATION VALVES SHALL BE INSTALLED ON BOTH SIDES OF THE PUMP.
- AS PER 2022 CALIFORNIA ENERGY CODE 110.3(C)4E, COLD WATER AND RECIRCULATION LOOP PIPING SHALL NOT BE CONNECTED TO THE HOT WATER STORAGE TANK DRAIN PORT.
- AS PER 2022 CALIFORNIA ENERGY CODE 110.3(C)4F, CHECK VALVE INSTALLED ON COLD WATER SUPPLY BETWEEN HOT WATER SYSTEM AND NEXT CLOSETS TEE ON COLD WATER SUPPLY.
- AS PER 2022 CALIFORNIA ENERGY CODE 120.3, PIPE INSULATION REQUIREMENTS AS PER TABLE 120.3-A.

MINIMUM PIPE INSULATION THICKNESS						
FLUID OPERATING TEMPERATURE RANGE AND USAGE (°F)	INSULATION CONDUCTIVITY		NOMINAL PIPE OR TUBE SIZE (INCHES)			
	CONDUCTIVITY BTU·IN/(H·FT²·°F)	MEAN RATING TEMPERATURE, °F	<1	1 TO <1½	1½ TO <4	4 TO >8
141-200	0.25-0.29	125	1.5	1.5	2	2
105-140	0.22-0.28	100	1.0	1.5	1.5	1.5
40-60	0.21-0.27	75	0.5	0.5	1.0	1.0

PLUMBING LEGEND

	SANITARY SEWER PIPING
	GREASE SANITARY SEWER PIPING (ABOVE GROUND)
	GREASE SANITARY SEWER PIPING
	VENT PIPING
	COLD WATER PIPING
	HOT WATER PIPING
	HOT WATER RETURN PIPING
	PIPE RISE
	PIPE DROP
	FLOOR CLEAN OUT
	P-TRAP
	COLD WATER
	HOT WATER
	HOT WATER RETURN
	DOUBLE CHECK VALVE ASSEMBLY
	INDIRECT WASTE
	GATE VALVE
	FLOOR DRAIN
	BALANCING VALVE
	FLOOR SINK
	POINT OF CONNECTION
	THERMOSTATIC MIXING VALVE

FIXTURE BRANCH SCHEDULES

FIXTURE	COLD WATER	HOT WATER	WASTE	VENT
WATER CLOSET	3/4"	--	4"	2"
LAVATORY	1/2"	1/2"	2"	1-1/2"
FLOOR DRAIN	--	--	3"	2"
FLOOR SINK	--	--	3"	2"
MOP SINK	1/2"	1/2"	3"	2"
HAND SINK	1/2"	1/2"	2"	1-1/2"
DROP-IN SINK	1/2"	1/2"	2"	1-1/2"
2 COMP. SINK	1/2"	1/2"	1W	--
3 COMP. SINK	3/4"	3/4"	1W	--
DISHWASHER	--	3/4"	1W	--

EXISTING GREASE INTERCEPTOR SCHEDULE

ITEM	SERVICE	CAPACITY	LOCATION	MANUFACTURER AND MODEL
GREASE INTERCEPTOR	KITCHEN WASTE	1500 GALLONS	OUTSIDE	VIF

NOTE: 1. CONTRACTOR TO PROVIDE ALL REQUIRED ACCESSORIES FOR SATISFACTORY WORKING OF GREASE INTERCEPTOR AS PER SITE CONDITIONS.

RECIRCULATION PUMP SCHEDULE

MANUFACTURER	GRUNDFOS
MODEL	UP-15-18 B5
EQUIPMENT TAG	RCP-1
STATUS	NEW
GPM	2
WATER TEMP.(°F)	140
PUMP TYPE	IN-LINE
MHP	85 WATTS
V/PH/Hz	115/1/60
RPM	2280
SERVICE FACTOR	1.0

EXISTING WATER HEATER SCHEDULE (EX.WH)

MANUFACTURER	GE APPLIANCE
MODEL	GE50M06AAG
STATUS	EXISTING
QUANTITY	3
CAPACITY	50 GAL. EACH
FUEL	ELECTRIC
FLOW RATE	V.I.F
VOLTAGE	208/1/60
KW	3.380 EACH
WEIGHT	142 LBS EACH

NOTE: 1. INSTALL NEW EXPANSION TANK (ET-1) AMTRON MODEL THERM-X-TROL ST-120-ED, 6.4 GAL PER LOCAL CODE REQUIREMENTS IF EXISTING IS NOT THERE OR NOT IN GOOD CONDITION.

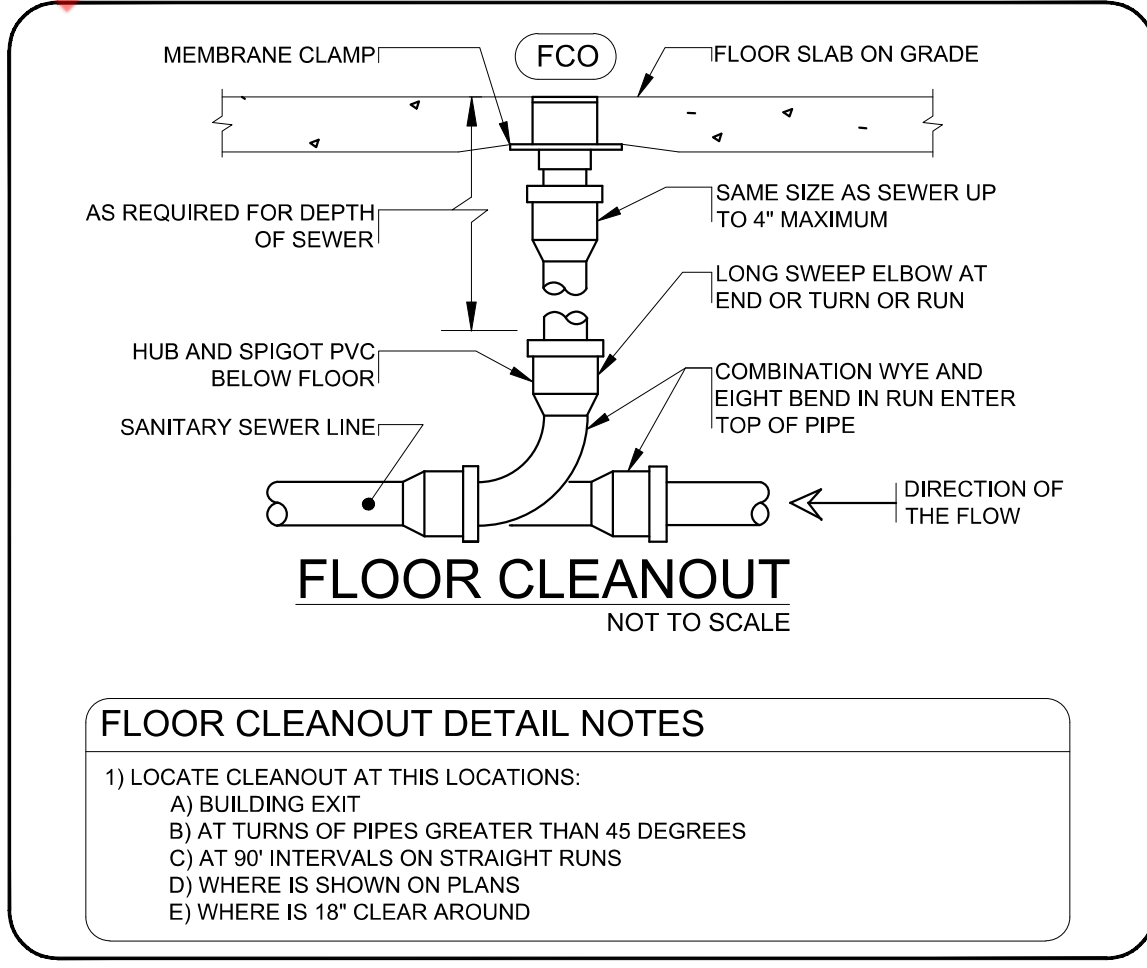
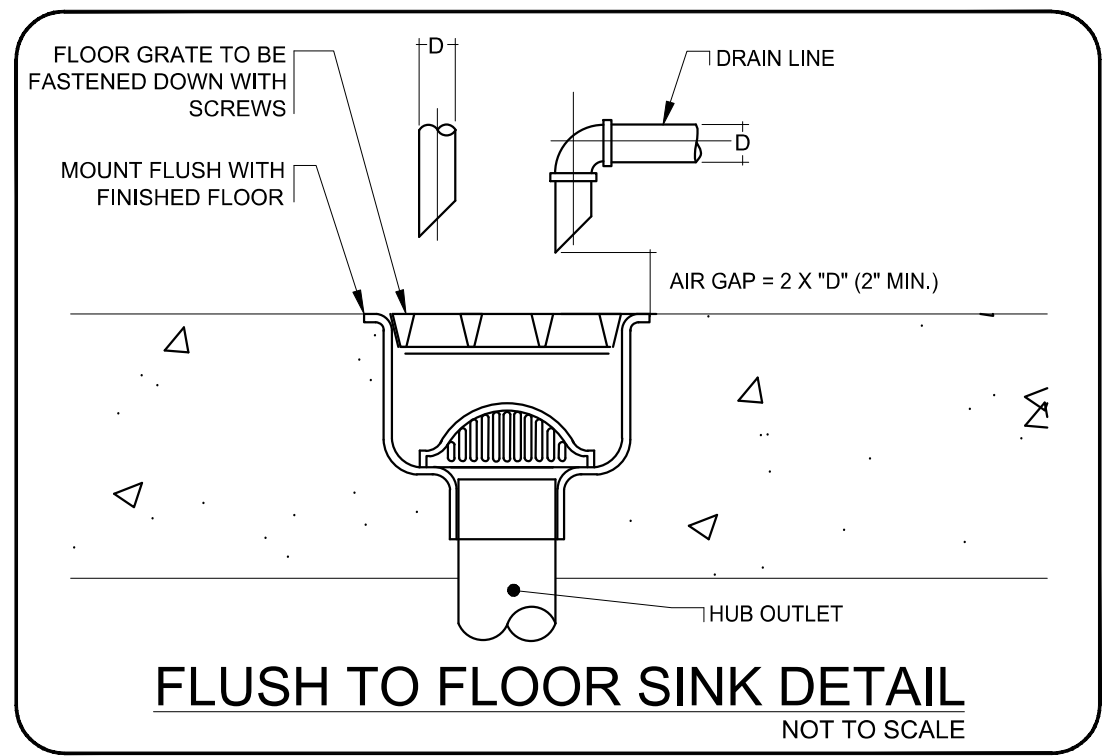
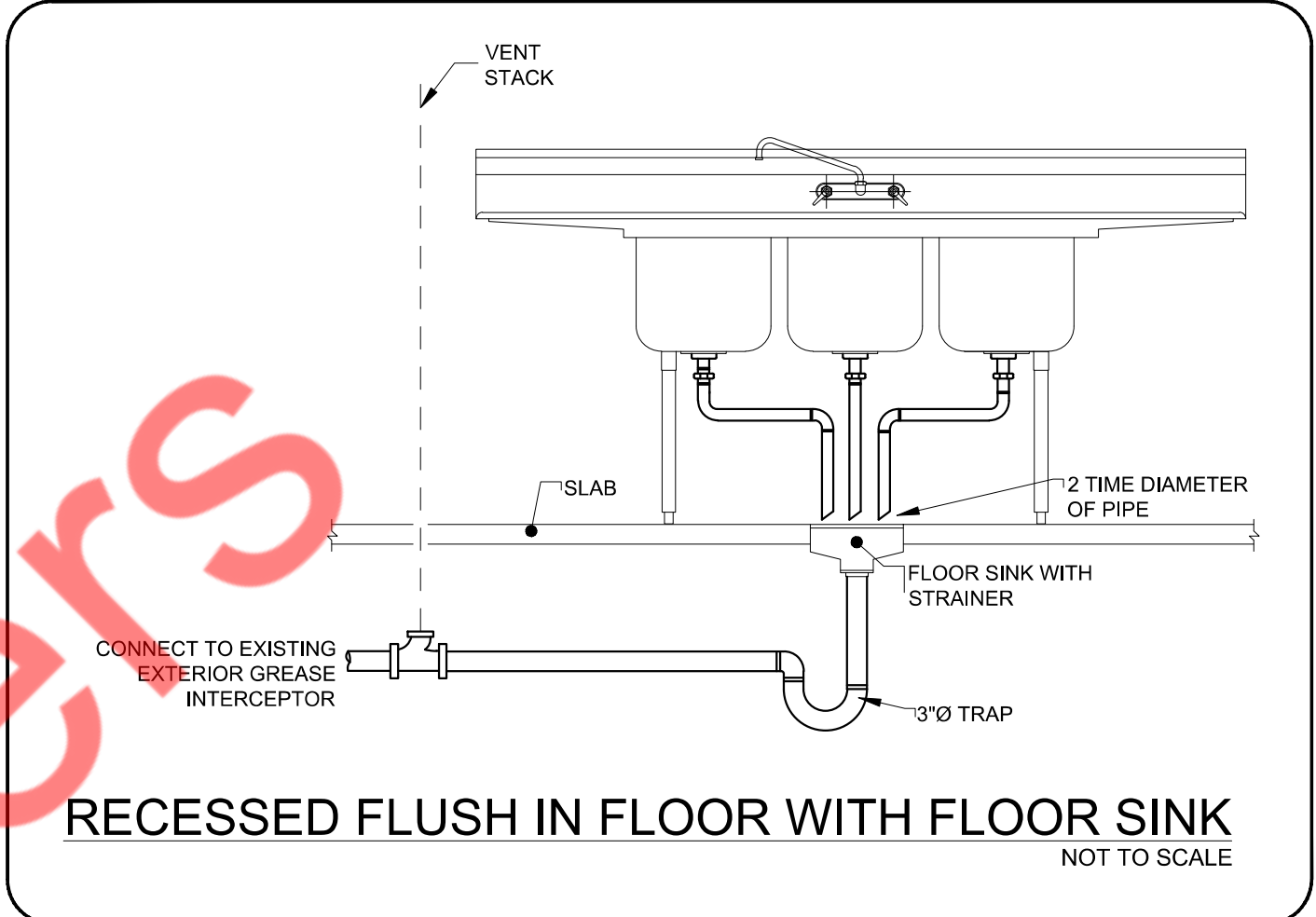
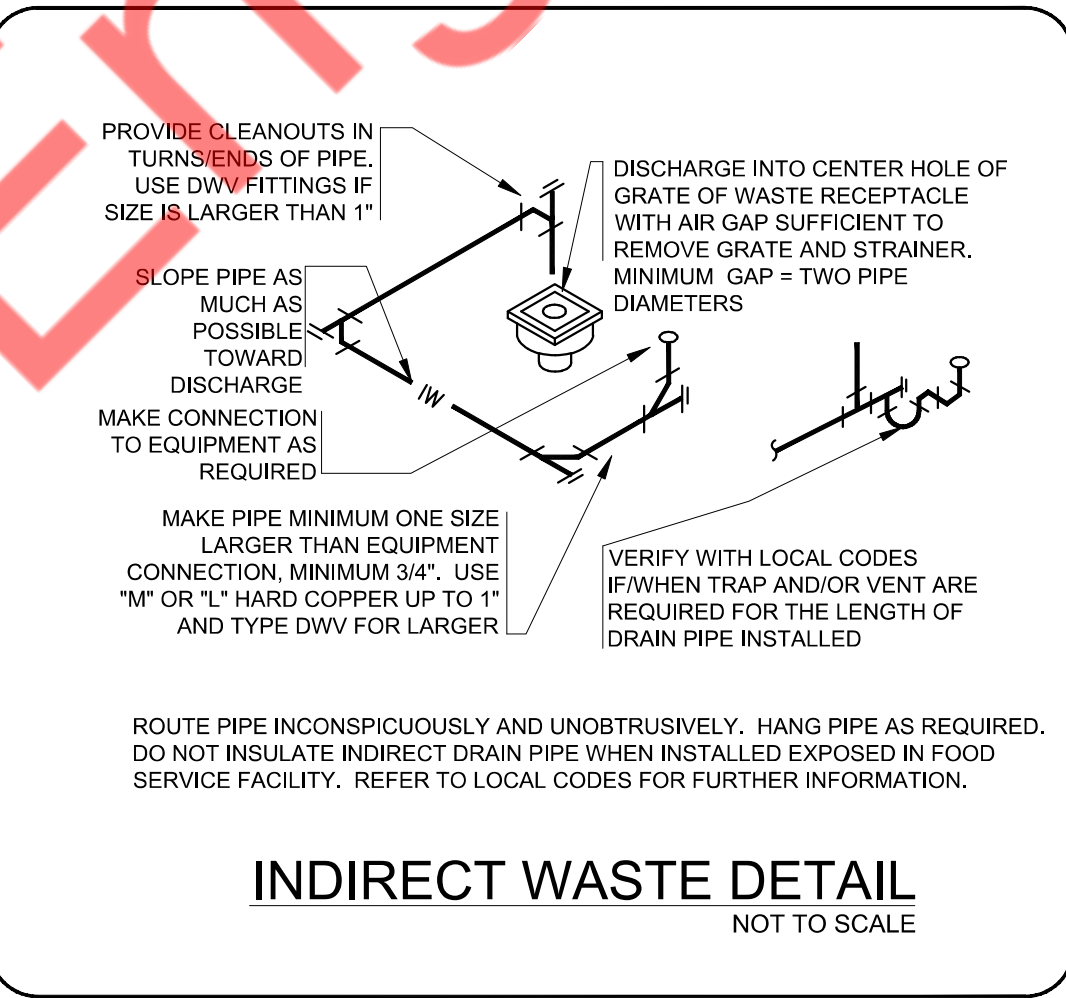
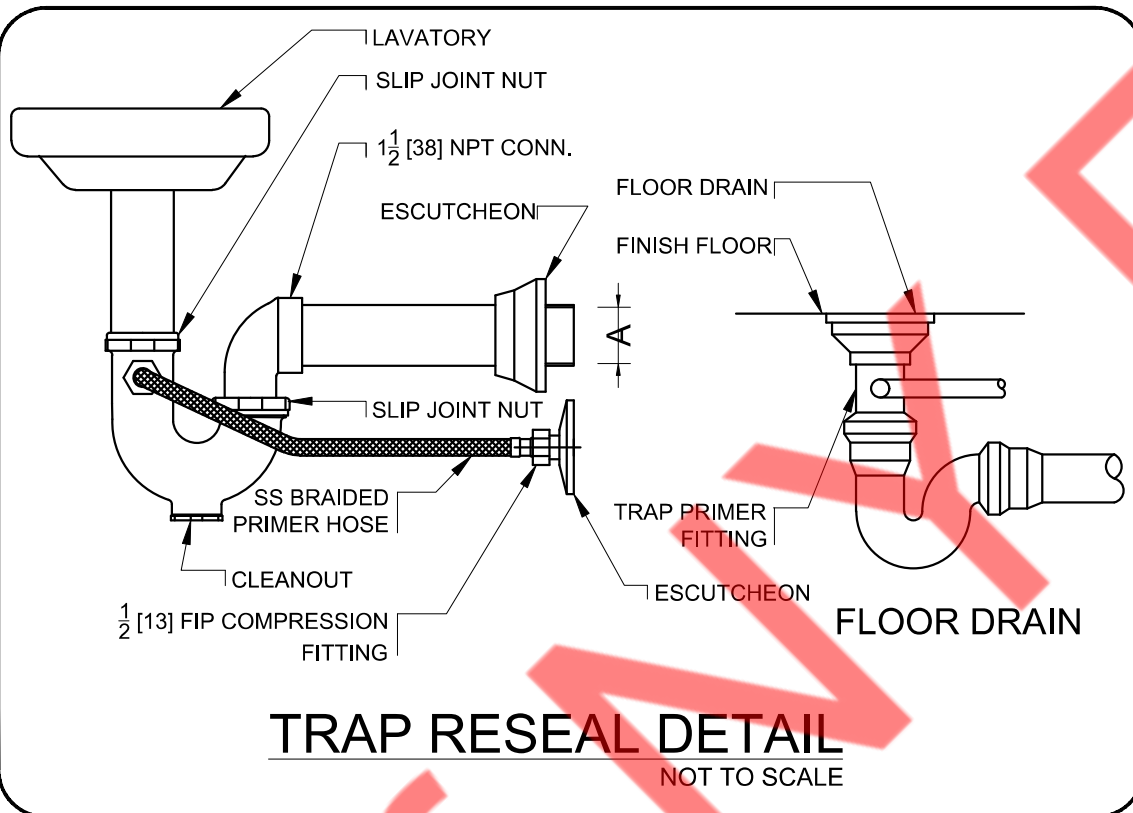
RESTROOM FIXTURE SCHEDULE

Item No.	Qty.	Description	Manufacturer	Model	WATER			WASTE
					Hot	Cold	Waste	
E	1	LAVATORY	KOHLER				2"	
F	1	LAVATORY FAUCET	AMERICAN STANDARDS	7755.103.002	1/2"	1/2"		
G	1	WATER CLOSET	KOHLER	K-5298			3/4" 4"	

KITCHEN EQUIPMENT PLUMBING SCHEDULE

Item No.	Qty.	Description	Manufacturer	Model	WATER		WASTE	
					Hot	Cold	Direct	Indirect
7	1	ICE CREAM DISPENSER	TAYLOR	794		1/2"	3/4"	
9	1	MOP SINK**	REGENCY	600SM16206			3"	
10	1	MOP SINK FAUCET+	FISHER	19798	1/2"	1/2"		
11	1	THREE COMPARTMENT SINK+	GSW	SH18243D			1-1/2"	
11	1	THREE COMPARTMENT SINK FAUCET	FISHER	52922	3/4"	3/4"		
11	1	TWO COMPARTMENT SINK	REGENCY	600S2162018X			1-1/2"	
11	1	TWO COMPARTMENT SINK FAUCET**	FISHER	52922	1/2"	1/2"		
12	1	UNDERCOUNTER DISHWASHER+	CMA	180-LC	3/4"	3/4"	1-1/2"	
26	1	HAND SINK	SPLASH BY KATOM	WM300			2"	
27	1	HAND SINK FAUCET**	CHICAGO	W4W-DB6AE35-369AB	1/2"	1/2"		
27	1	DROP-IN SINK	REGENCY	600D1110145			2"	
27	1	DROP-IN SINK FAUCET**	CHICAGO	W4D-GN2AE35-369AB	1/2"	1/2"		
28	1	SODA MACHINE W/ ICE MAKER	COCA COLA	-	1/2"		1"	
34	1	COUNTERTOP SODA DISPENSER	COCA COLA	-	1/2"		1"	
TMV	4	THERMAL MIXING VALVE	WATTS	LFMMV	1/2"	1/2"		
FS	5	FLOOR SINKS	ZURN	Z1900-23-31 (ZS1900 IF IN EXPOSED AREAS)			3"	
FD	4	FLOOR DRAINS*	ZURN	ZS415 W/ TYPE BS STRAINER			3"	

* HOT WATER 140°F. **PROVIDE TRAP PRIMERS FOR ALL FLOOR DRAINS. **ADAPTOR REQUIRED, ***PROVIDE TMV AS PER SCHEDULE.



PROJECT

OKE POKE

REVISIONS DATES:	
08/26/2025	PROJECT CORD.
11/11/2025	OWNER CHANGES

PLUMBING LEGENDS, NOTES, SCHEDULE & DETAILS

GENERAL WATER NOTES

1. CW/HW/HWR PIPING TO BE PROVIDED WITH INSULATION AS PER 2022 CALIFORNIA ENERGY CODE, TITLE 24, PART 6 (REFER NOTES ON SHEET P-1).
2. PROVIDE BRANCH PRV IF PRESSURE EXCEEDS 80 PSI.
3. PROVIDE ACCESS PANELS FOR WATER HAMMER ARRESTOR & SHUT-OFF VALVES AS REQUIRED.
4. REFER WATER RISER DIAGRAM FOR ALL PIPE SIZES.
5. CONTRACTOR TO FIELD VERIFY FEASIBILITY OF SLAB PENETRATION AS PER STRUCTURAL REQUIREMENT.
6. RELOCATED WATER HEATERS DRAIN SPILLS TO THE MOP SINK WITH APPROVED AIR GAP.

WATER PLAN & RISER KEY NOTES

1. CONNECT NEW 1" CW LINE TO EXISTING WATER MAIN LINE WITH EXISTING WATER METER & BACKFLOW PREVENTER. CONTRACTOR TO FIELD VERIFY THE SIZE & LOCATION OF EXISTING WATER LINE, WATER METER & BACKFLOW PREVENTER AND UPGRADE/MAKE NECESSARY CHANGES IF REQUIRED.
2. TWO EXISTING WATER HEATERS TO RELOCATE WITH EXISTING ACCESSORIES AND FITTING IN THE ATTIC. CONTRACTOR TO PROVIDE NEW EXPANSION TANK AND RECIRCULATION PUMP AS PER SCHEDULE IF EXISTING IS NOT THERE OR NOT IN GOOD CONDITION.
3. WATER HEATERS PLACED IN ATTIC SHOWN HERE FOR REFERENCE.
4. EXISTING WATER HEATER TO REMAIN WITH EXISTING ACCESSORIES AND FITTING IN THE ATTIC.
5. ALL THREE WATER HEATERS PIPING SHALL BE INTERCONNECTED TO OPERATE AS A SINGLE WATER HEATING SYSTEM.

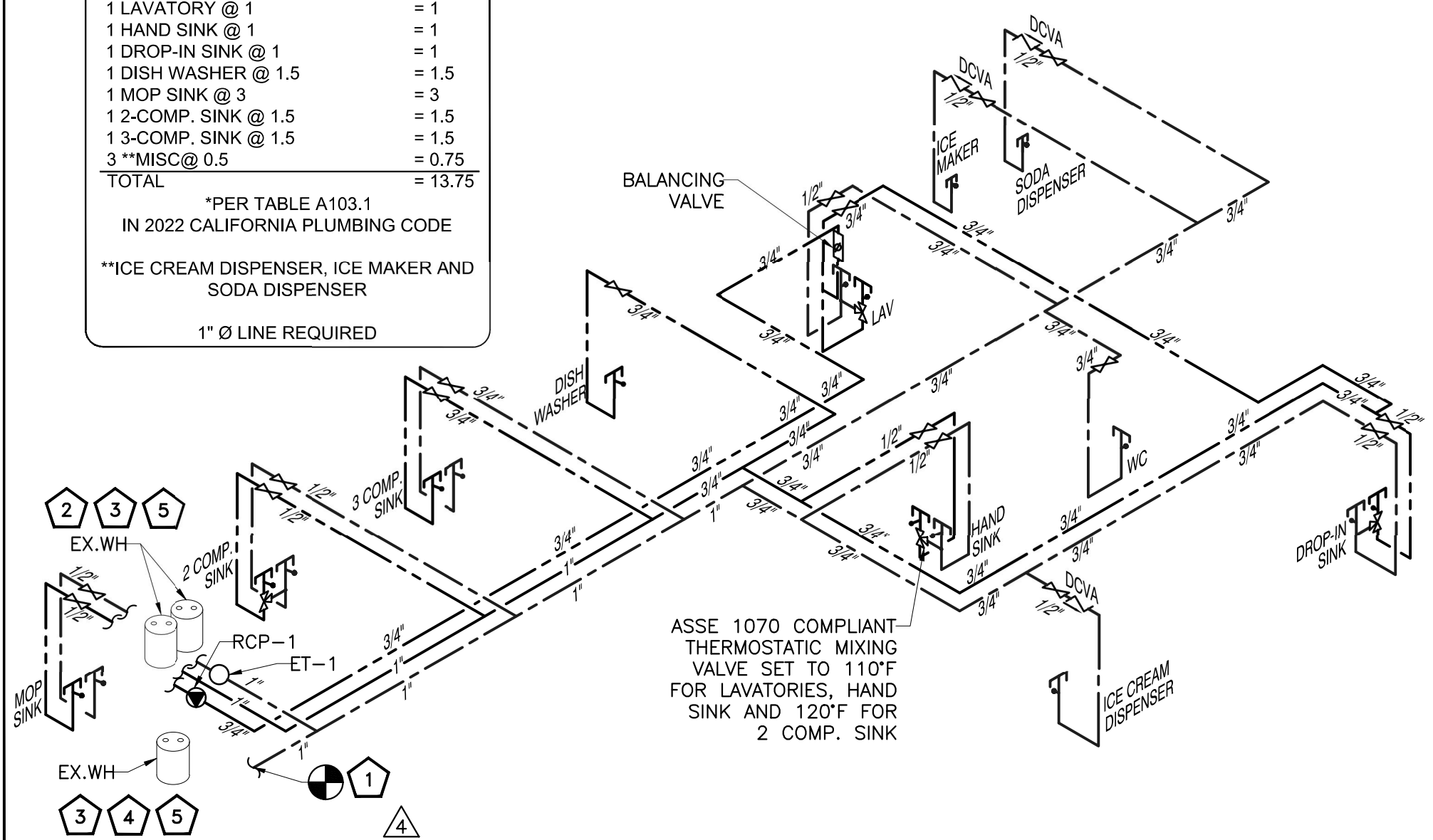
FIXTURE FACTOR VALUE *

1 WATER CLOSET @ 2.5	= 2.5
1 LAVATORY @ 1	= 1
1 HAND SINK @ 1	= 1
1 DROP-IN SINK @ 1	= 1
1 DISH WASHER @ 1.5	= 1.5
1 MOP SINK @ 3	= 3
12-COMP. SINK @ 1.5	= 1.5
13-COMP. SINK @ 1.5	= 1.5
3**MISC @ 0.5	= 0.75
TOTAL	= 13.75

*PER TABLE A103.1 IN 2022 CALIFORNIA PLUMBING CODE

**ICE CREAM DISPENSER, ICE MAKER AND SODA DISPENSER

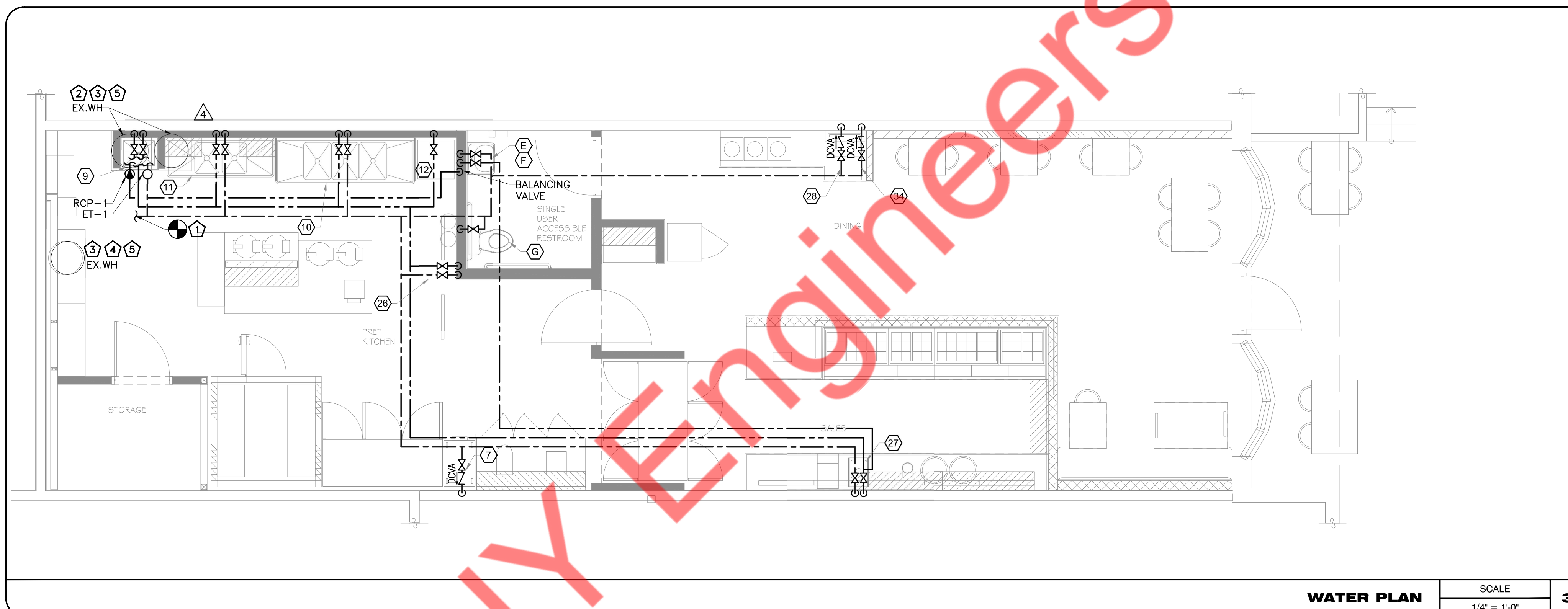
1" Ø LINE REQUIRED



WATER RISER

SCALE
N.T.S.

4



WATER PLAN

SCALE
1/4" = 1'-0"

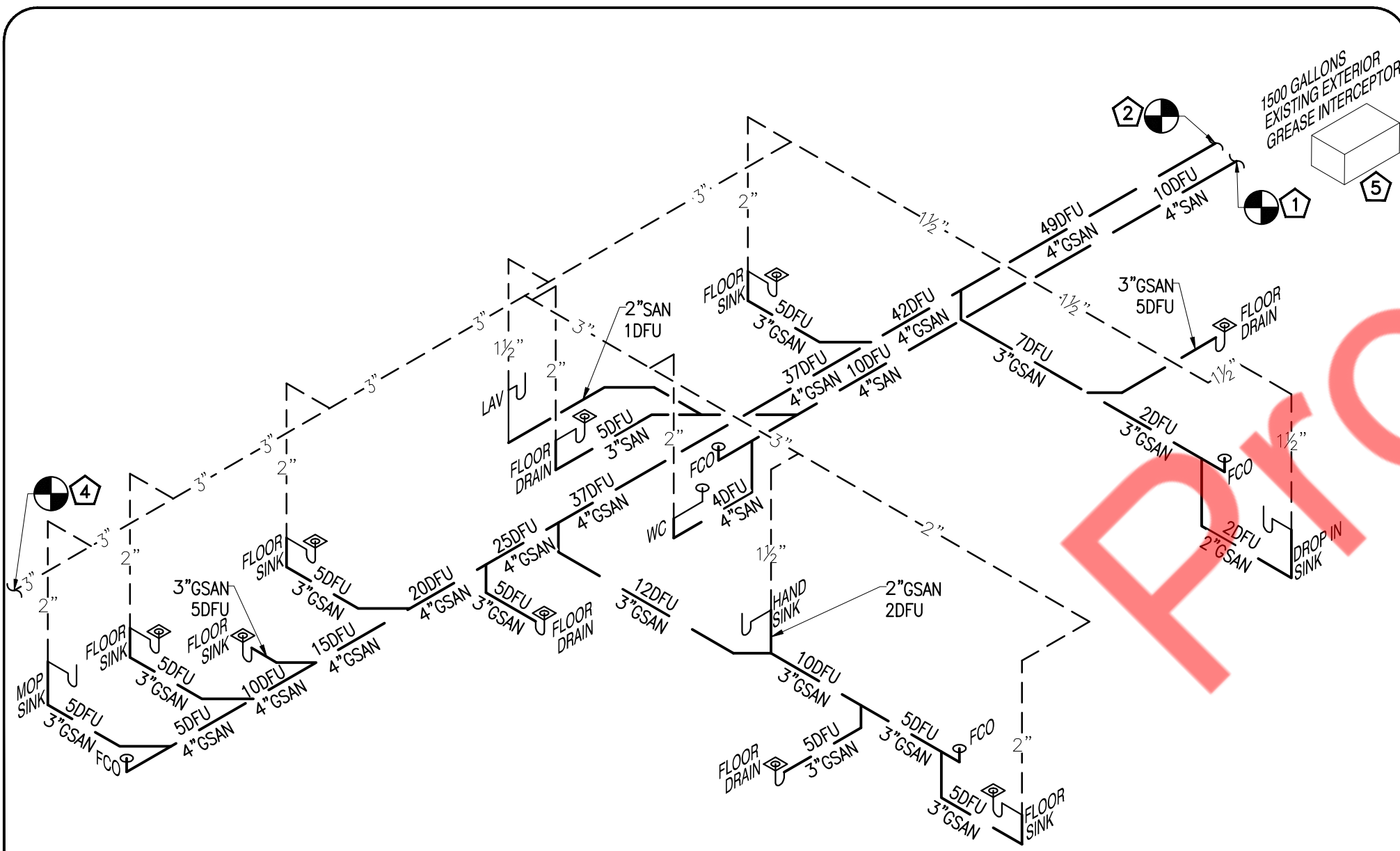
3

GENERAL SANITARY NOTES

1. UNLESS OTHERWISE NOTED, SLOPE OF DRAINAGE SYSTEM TO BE 1/8" PER FOOT FOR PIPE 4" AND LARGER AND 1/4" PER FOOT FOR PIPE 3" AND SMALLER.
2. CONTRACTOR TO FIELD VERIFY FEASIBILITY OF SLAB PENETRATION AS PER STRUCTURAL REQUIREMENT.
3. ALL MATERIAL INDICATED AND IMPLIED ON THESE DRAWINGS SHALL BE NEW UNLESS OTHERWISE NOTED.
4. ALL CLEANOUTS TO BE ACCESSIBLE.
5. CONTRACTOR TO FIELD VERIFY THE EXISTING SANITARY, GREASE SANITARY AND VENT LOCATION AND ROUTING. MAKE NECESSARY CHANGES TO NEW PIPING AS PER THE EXISTING SITE CONDITION.
6. CONTRACTOR TO SCAN EXISTING UNDERGROUND SEWER AND GREASE LINE LOCATIONS. REPORT TO ARCHITECT IF (E) SEWER LINE AND GREASE LINE CONFLICT WITH PROPOSED (N) FOOTING. SEE STRUCTURAL PLANS.

SANITARY PLAN & RISER KEY NOTES

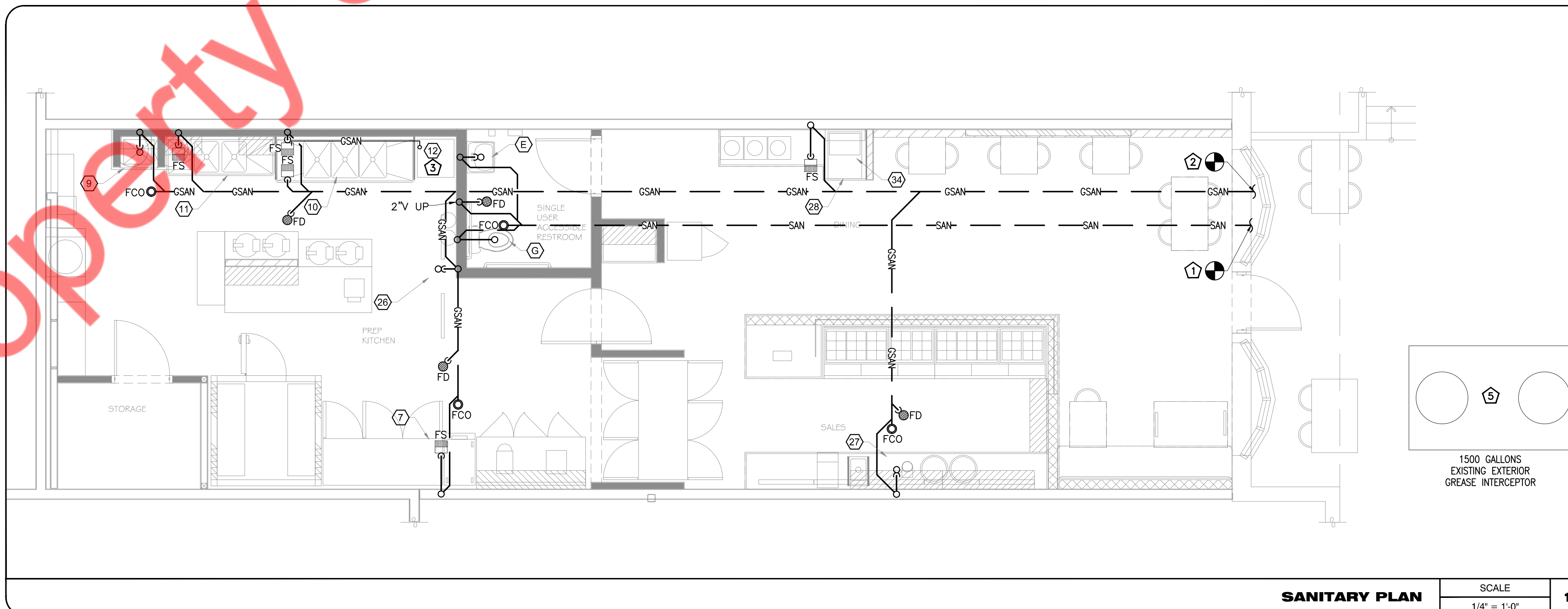
1. CONNECT NEW 4" SANITARY WASTE PIPING TO EXISTING SANITARY PIPE OF ADEQUATE SIZE IN SPACE. CONTRACTOR TO FIELD VERIFY EXACT SIZE, LOCATION, ROUTING AND INVERT OF EXISTING SANITARY PIPE AND MAKE NECESSARY CHANGES IF REQUIRED. CONTRACTOR TO REUSE EXISTING PIPING AS MUCH AS POSSIBLE IF IT IS IN GOOD CONDITION.
2. CONNECT NEW 4" GREASE SANITARY WASTE PIPING TO EXISTING GREASE SANITARY WASTE PIPE OF ADEQUATE SIZE IN SPACE. CONTRACTOR TO FIELD VERIFY EXACT SIZE, LOCATION, ROUTING AND INVERT OF EXISTING GREASE SANITARY PIPE AND MAKE NECESSARY CHANGES IF REQUIRED. CONTRACTOR TO REUSE EXISTING PIPING AS MUCH AS POSSIBLE IF IT IS IN GOOD CONDITION.
3. ROUTE INDIRECT DRAIN FROM DISHWASHER TO NEARBY FLOOR SINK WITH APPROVED AIR GAP.
4. CONNECT NEW 3" VENT PIPING TO EXISTING VENT PIPE OF ADEQUATE SIZE IN SPACE. CONTRACTOR TO FIELD VERIFY EXACT SIZE, LOCATION AND ROUTING OF EXISTING VENT PIPE ON SITE AND MAKE NECESSARY CHANGES IF REQUIRED.
5. EXISTING 1500 GALLONS EXTERIOR GREASE INTERCEPTOR TO REMAIN. CONTRACTOR TO FIELD VERIFY THE EXACT LOCATION WITH PROPERTY MANAGER AND MAKE NECESSARY CHANGES IF REQUIRED.



SANITARY RISER

SCALE
N.T.S.

2



SANITARY PLAN

SCALE
1/4" = 1'-0"

1

OKE POKE

REVISIONS DATES:

08/26/2025	PROJECT CORD.
11/11/2025	OWNER CHANGES

SANITARY PLAN,
WATER PLAN &
RISER

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