

WOOD-BURNING OVEN EXHAUST SYSTEM COMPONENT SPECIFICATIONS

① 10"Ø IPS-C1 INSULATED STAINLESS STEEL EXHAUST PIPE – SHALL BE AS MANUFACTURED BY "SELKIRK". DOUBLE WALL S.S. INSULATED PIPE WITH 1" SOLID PACK INSULATION. 2" OF AIRSPACE TO COMBUSTIBLES. COORDINATE ADJUSTABLE LENGTHS WITH MANUFACTURER PRIOR TO CONSTRUCTION. INSTALL AS PER MANUFACTURER'S RECOMMENDATIONS.

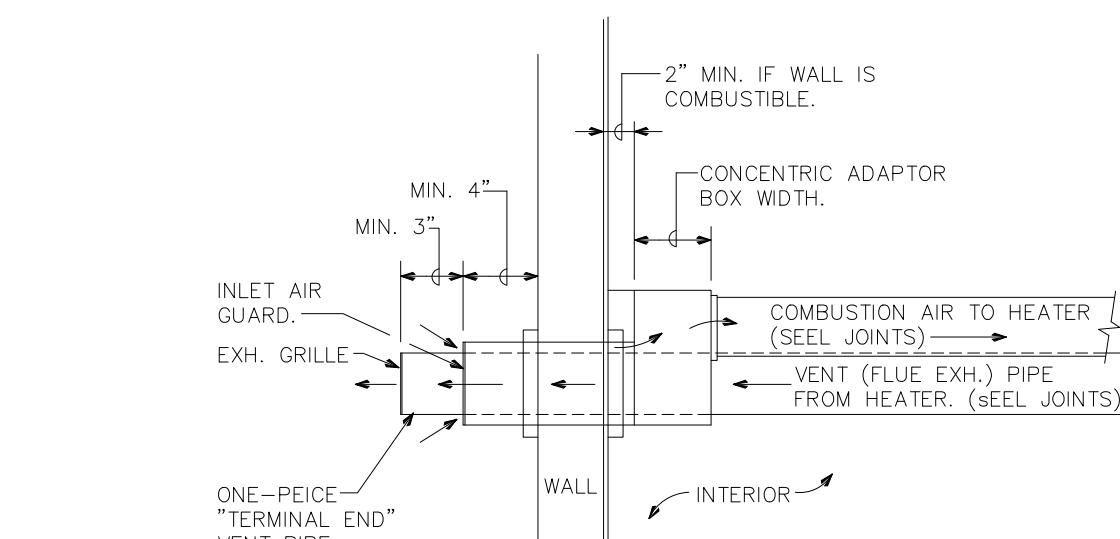
② SEAL RING – SHALL BE A "SELKIRK" MODEL SR. CONTRACTOR SHALL INSURE AN AIRTIGHT CONNECTION FROM EXHAUST PIPE TO OVEN FLUE CONNECTION. INSTALL AS PER MANUFACTURER'S RECOMMENDATIONS.

③ CEILING THIMBLE MAINTAINING A MIN. 2" SPACING FROM COMBUSTIBLES SHALL BE A "SELKIRK" MODEL THB FOR IPS-C1 DUCT. INSTALL AS PER MANUFACTURER'S RECOMMENDATIONS.

* ENTIRE UL LISTED FACTORY BUILT GREASE DUCT SYSTEM SHALL BE AS MANUFACTURED BY SELKIRK AND SHALL CONSIST OF THE COMMERCIAL IPS-C1 DUCT SYSTEM.

FAN SCHEDULE											
LABEL	TYPE OF UNIT - AREA SERVED	MANUFACTURER & MODEL NO.	CFM	SP	MOUNTING ARRANGEMENT	MOTOR H.P.	ENCLOSURE TYPE	RPM	VOLTAGE	NOTES	
EF-1,2	REFER TO HOOD EXHAUST SPECIFICATIONS AND DETAILS ON SHEET M-4.		—	—	—	—	—	—	—	—	
EF-3,4	CABINET FAN - REFER TO PLANS	PENN ZEPHYR Z7	190	.125"	CEILING MOUNTED	68 WATTS	OPEN DRIP PROOF	1640	115V/1Ø	1	
EF-5	SHUTTER FAN - REFER TO PLANS	ACME SMF 07-SC	140	.125"	WALL MOUNTED	1/30	OPEN DRIP PROOF	1115	115V/1Ø	1	
EF-6	WALL FAN - REFER TO PLANS	PENN P10VA	450	.125"	WALL MOUNTED	1/30	OPEN DRIP PROOF	1050	115V/1Ø	1,2,3	
EF-7	WALL FAN - REFER TO PLANS	PENN P10RA	630	.125"	WALL MOUNTED	1/12	OPEN DRIP PROOF	1550	115V/1Ø	1,2,3	
EF-8	ROOF FAN - REFER TO PLANS	WOOD STONE WS-GSV-012	50-600	.125"	ROOF MOUNTED	1.4 A	OPEN DRIP PROOF	—	115V/1Ø	1,2,3	

NOTES: 1.) REFER TO ELECTRICAL PLANS FOR CONTROL.
2.) PROVIDE "PENN" REAR GUARD, WALL MOUNTING SLEEVE, INSTALL AS PER MANUFACTURER'S RECOMMENDATION.
3.) FAN SHALL BE PROVIDED WITH EXTERIOR WALL SHUTTER. SHALL BE A "PENN" 15"X15" MODEL EBR RECESSED
MOTORIZED SHUTTER WITH ELECTRIC ACTUATOR INTERLOCKED WITH FAN. PROVIDE NEOPRENE GASKET ALONG
LENGTH OF BLADE SURFACE. INSTALL AS PER MANUFACTURER'S RECOMMENDATIONS.



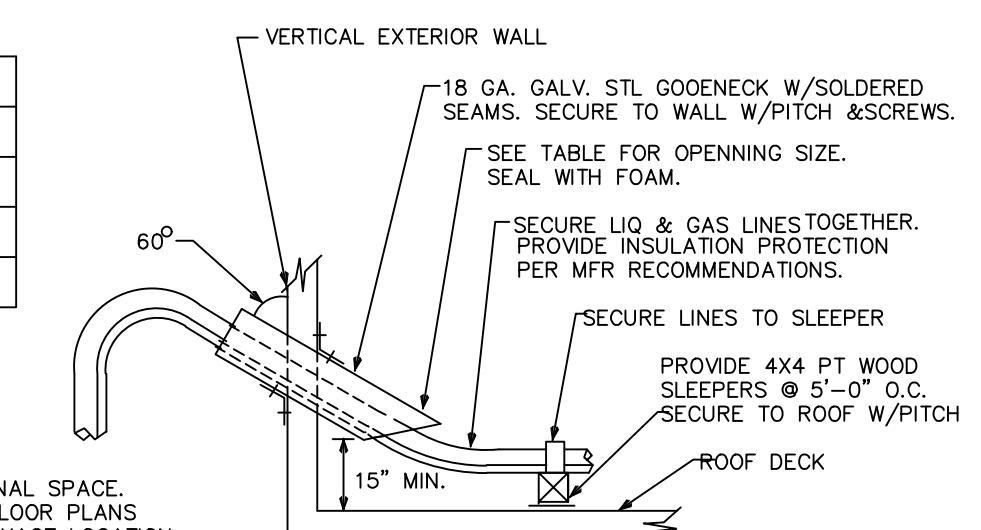
(THRU WALL CONFIGURATION)

VENT/INTAKE

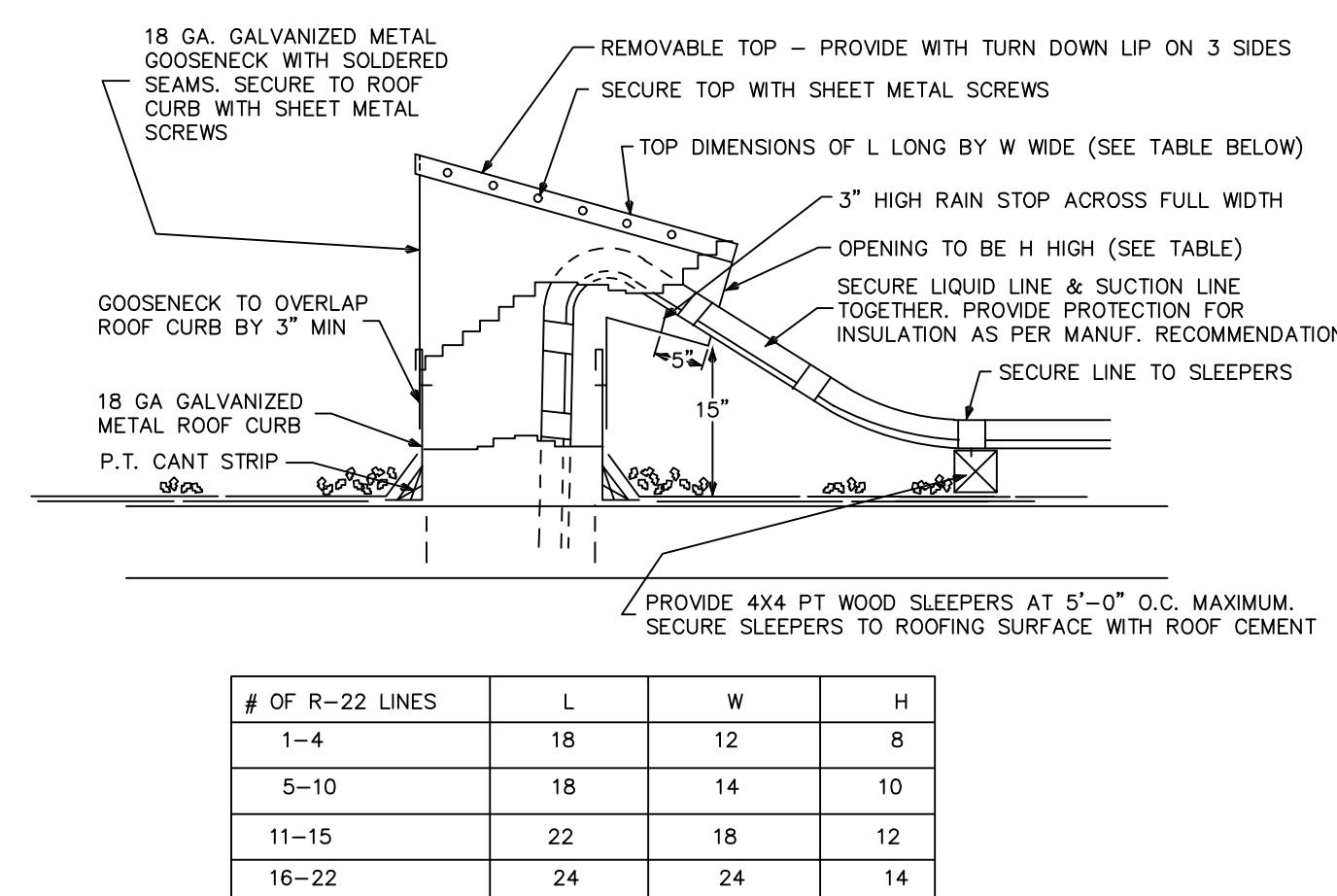
3 COMBUSTION AIR DETAIL

NO SCALE

# OF LINES	L	W	H
1-4	18	12	8
5-10	18	14	10
11-15	22	18	12
16-22	24	24	14

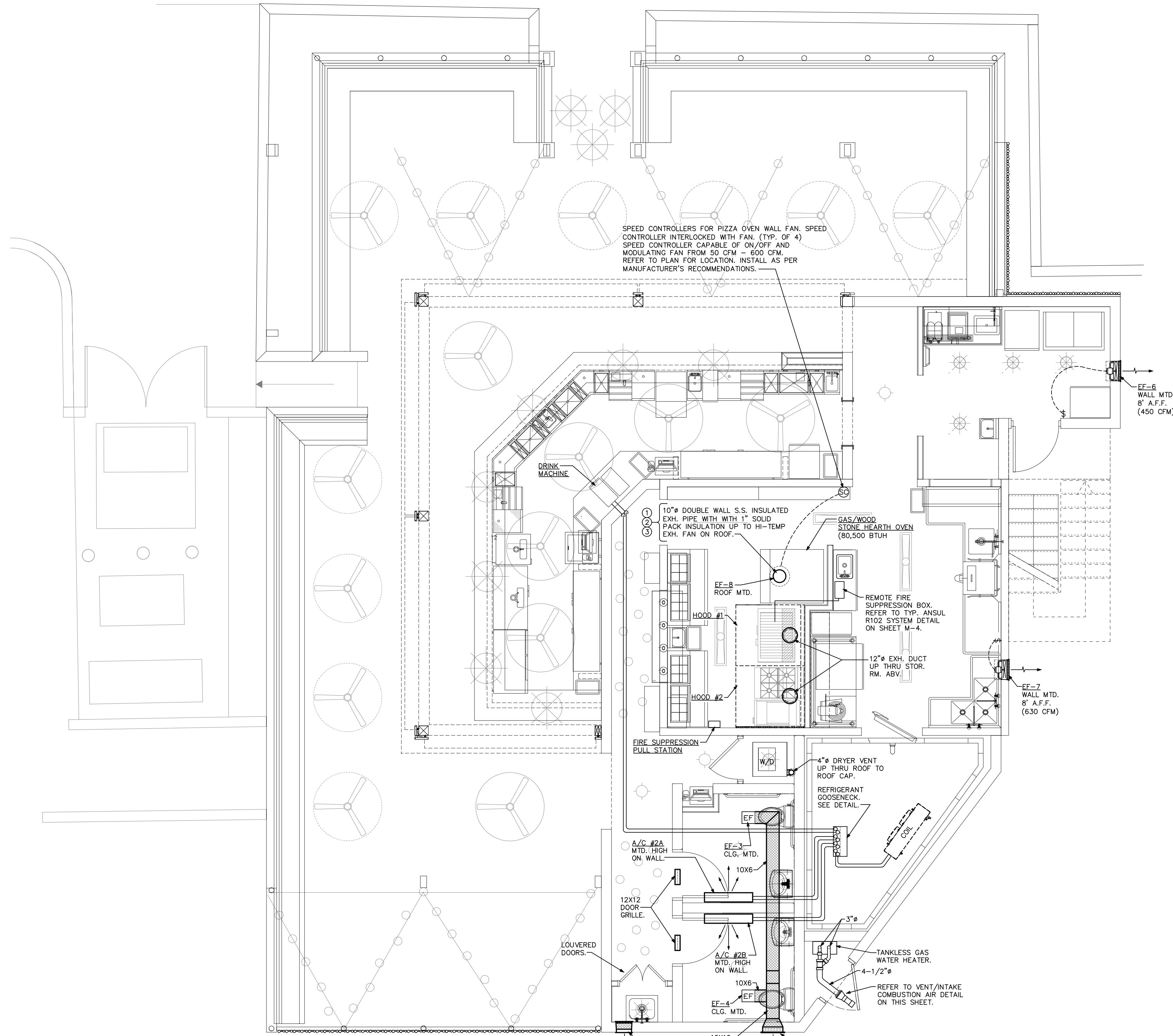


(HORIZONTAL)



(VERTICAL)

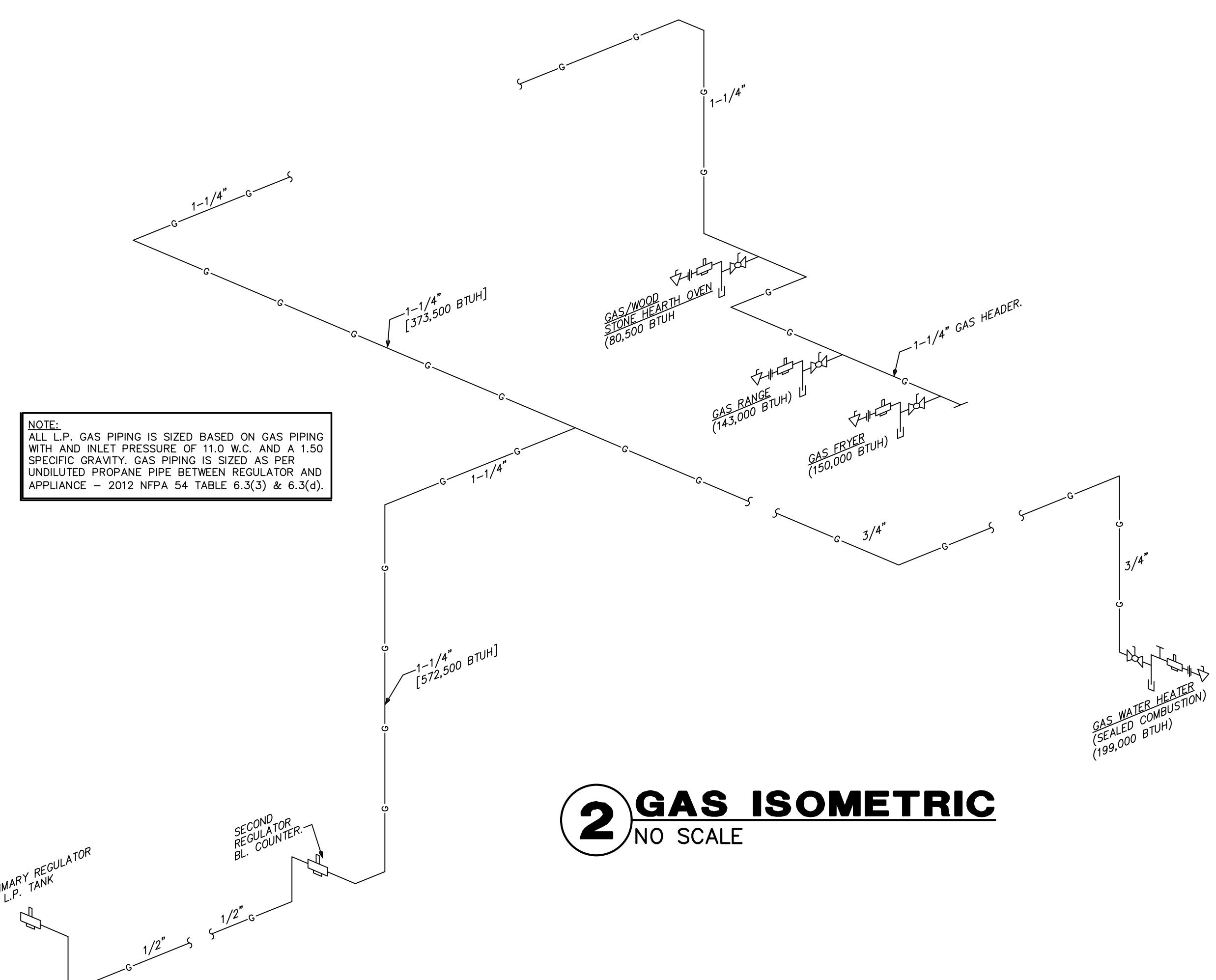
2 REFRIG. GOOSENECK DETAILS



1 FLOOR PLAN - MECHANICAL

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

M1



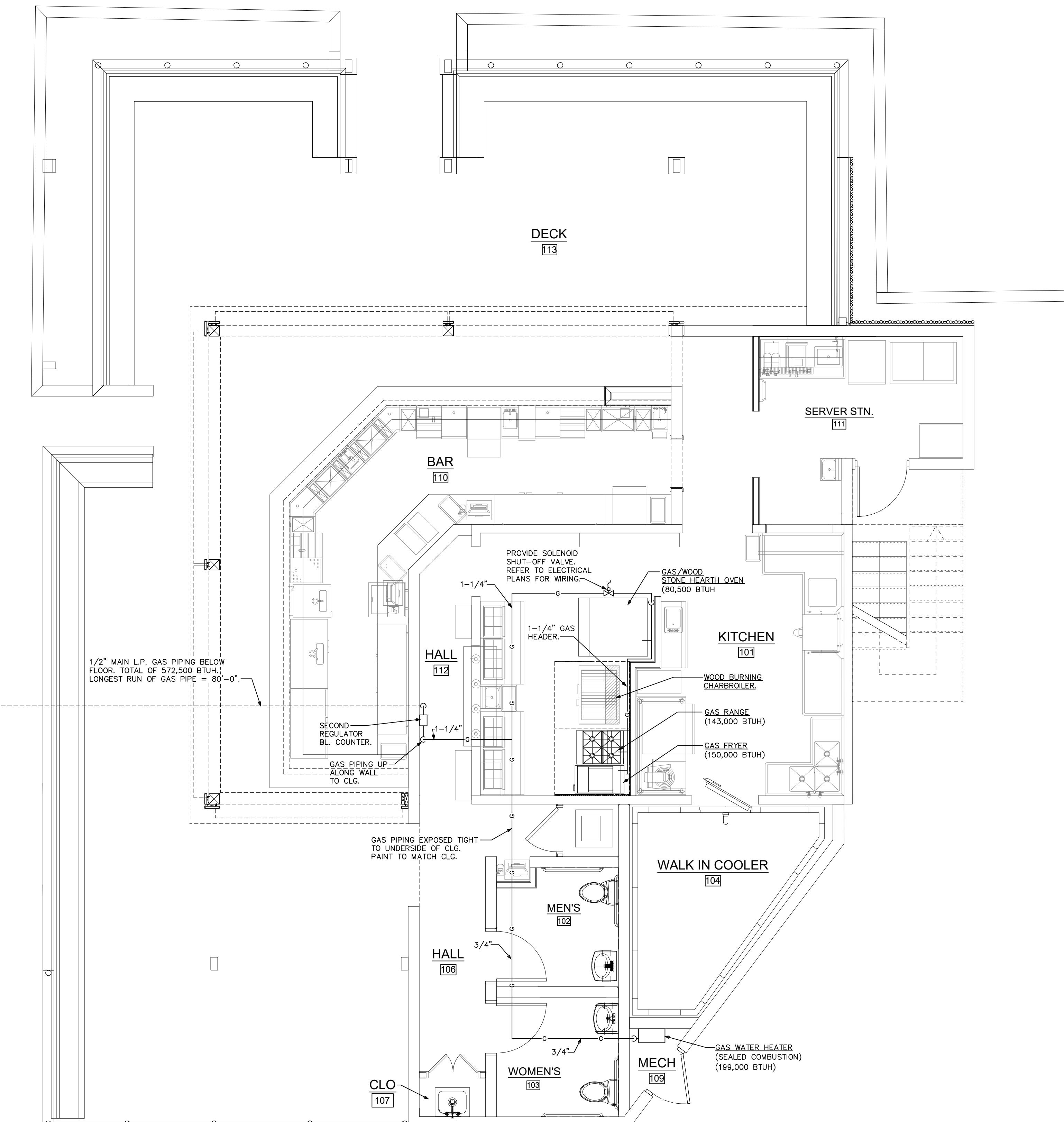
GENERAL GAS PIPING NOTES

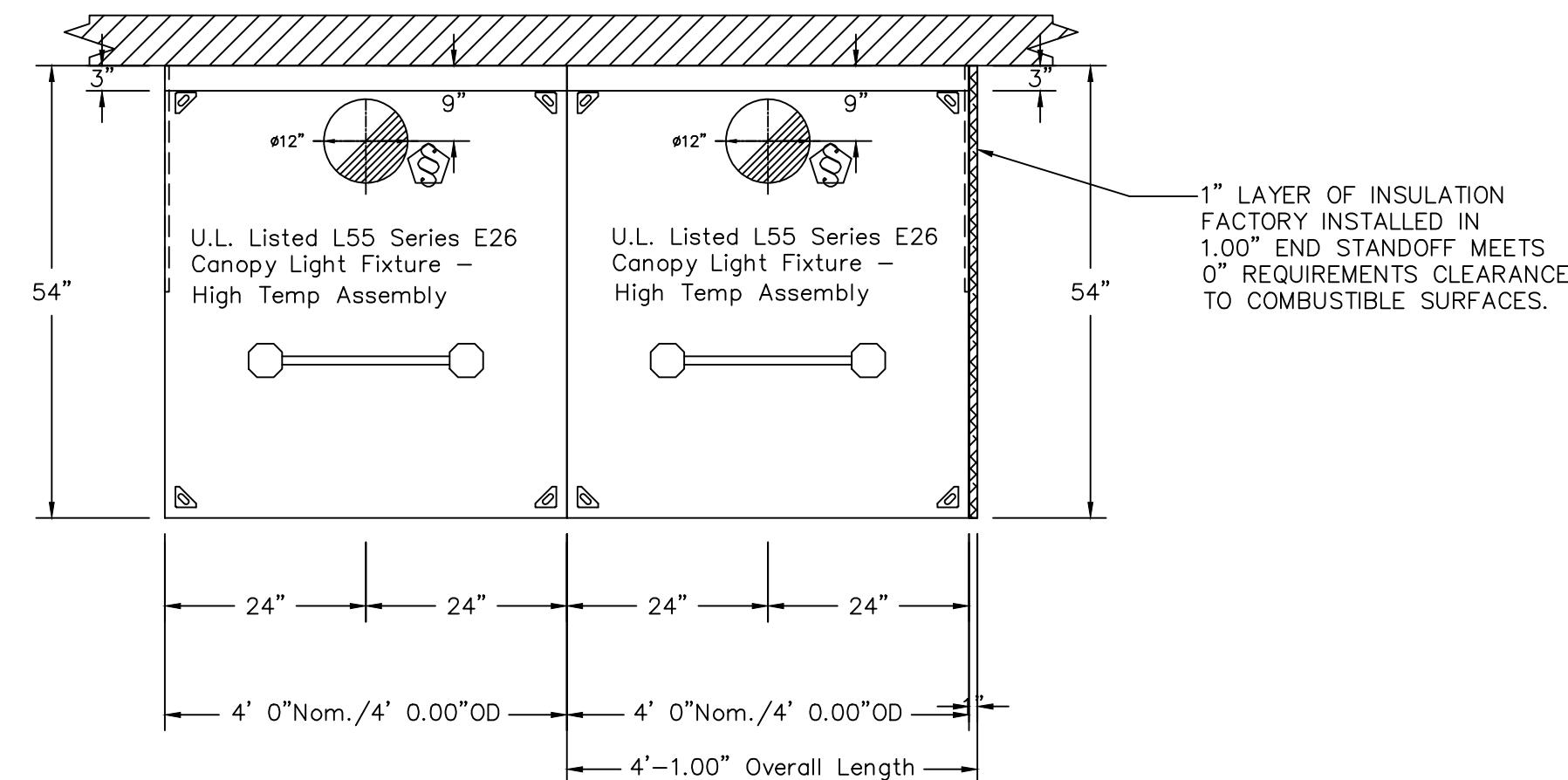
1. GAS PIPING AND FITTINGS SHALL BE SEAMLESS BLACK STEEL WITH MALLEABLE IRON FITTINGS. DIELECTRIC COUPLINGS OR UNIONS SHALL BE UTILIZED WHEN PIPING OF DISSIMILAR METAL IS CONNECTED. GAS PIPING OUTSIDE THE BUILDING SHALL BE PAINTED WITH BLACK ENAMEL PAINT.
2. GAS PIPING SYSTEM SHALL BE INSTALLED TO THE REQUIREMENTS OF THE AGA PAMPHLET "INSTALLATION OF GAS APPLIANCES AND GAS PIPING" AND THE NFPA STANDARD #54. THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS AND PAY FOR THE GAS METER, GAS SERVICE, AND ITS ACCESSORIES NECESSARY FOR A COMPLETE SYSTEM.
3. GAS PIPING SHALL BE TESTED IN ACCORDANCE WITH THE PROCEDURES DESCRIBED IN NFPA #54, AND ANY OTHER TESTS REQUIRED BY THE LOCAL BUILDING DEPARTMENT AND/OR THE LOCAL GAS UTILITY COMPANY.
4. THE INSTALLING SUBCONTRACTOR SHALL BE LICENSED BY THE STATE FOR THE GAS PIPING.
5. RUNOUT PIPING FROM THE MAIN PIPING TO APPLIANCES, SHALL BE WITH AN INVERTED TRAP CONNECTION AT THE MAIN.
6. A 12" DIRT LEG, AND A GAS COCK, SHALL BE PROVIDED AT ALL GAS APPLIANCES.
7. ALL EXPOSED GAS PIPING SHALL BE IDENTIFIED BY A YELLOW LABEL MARKED "GAS" IN BLACK LETTERS. THE MARKERS SHALL BE AT INTERVALS NOT EXCEEDING 5'.

GAS PIPE LEGEND	
	BALL VALVE
	DRIP LEG
	REGULATOR/OPD AS REQUIRED
	UNION
	QUICK DISCONNECT

L.P. GAS TANK
COORDINATE FINAL SIZE
AND LOCATION WITH
ARCHITECT/OWNER PRIOR
TO CONSTRUCTION.

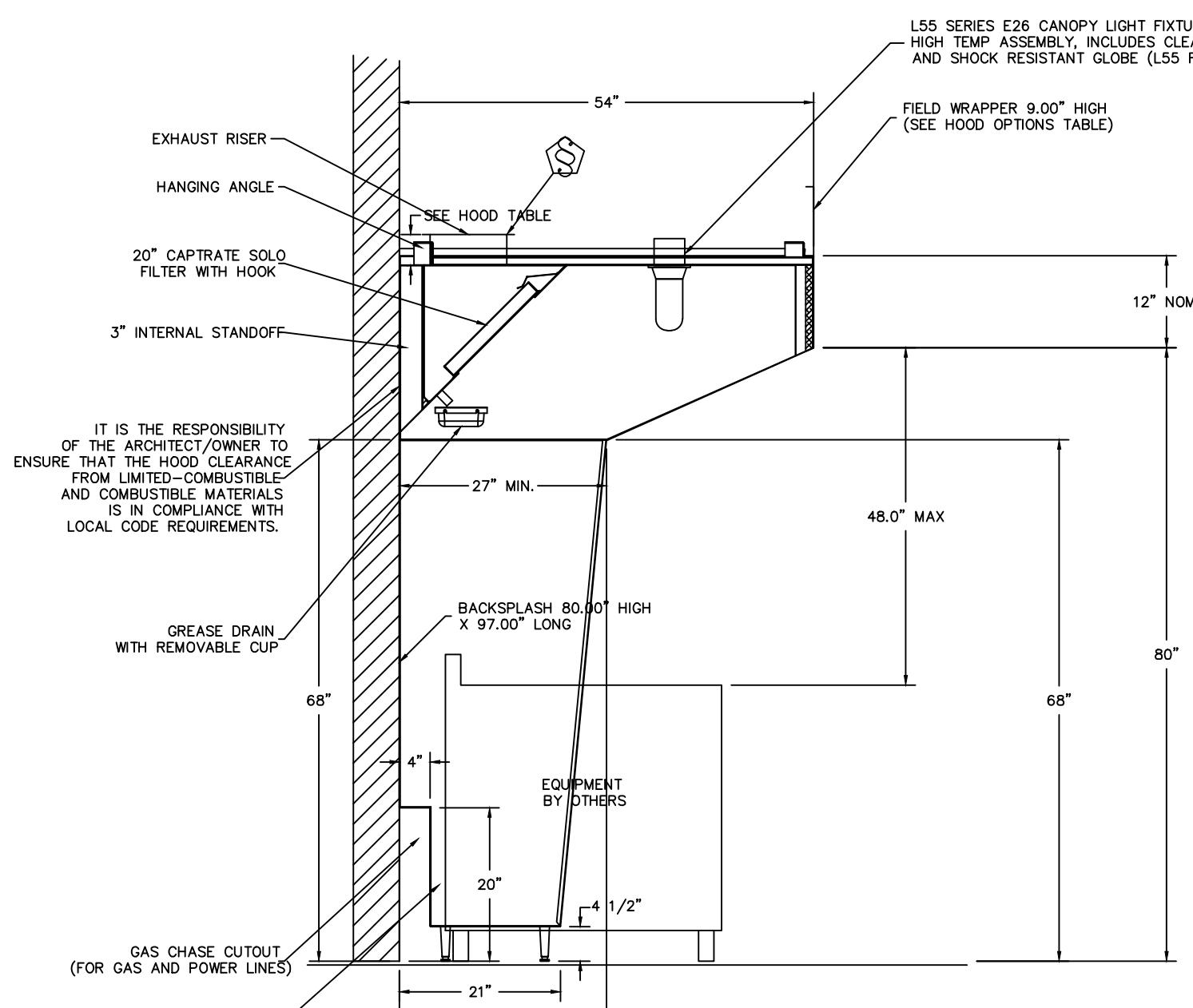
PRIMARY
REGULATOR.



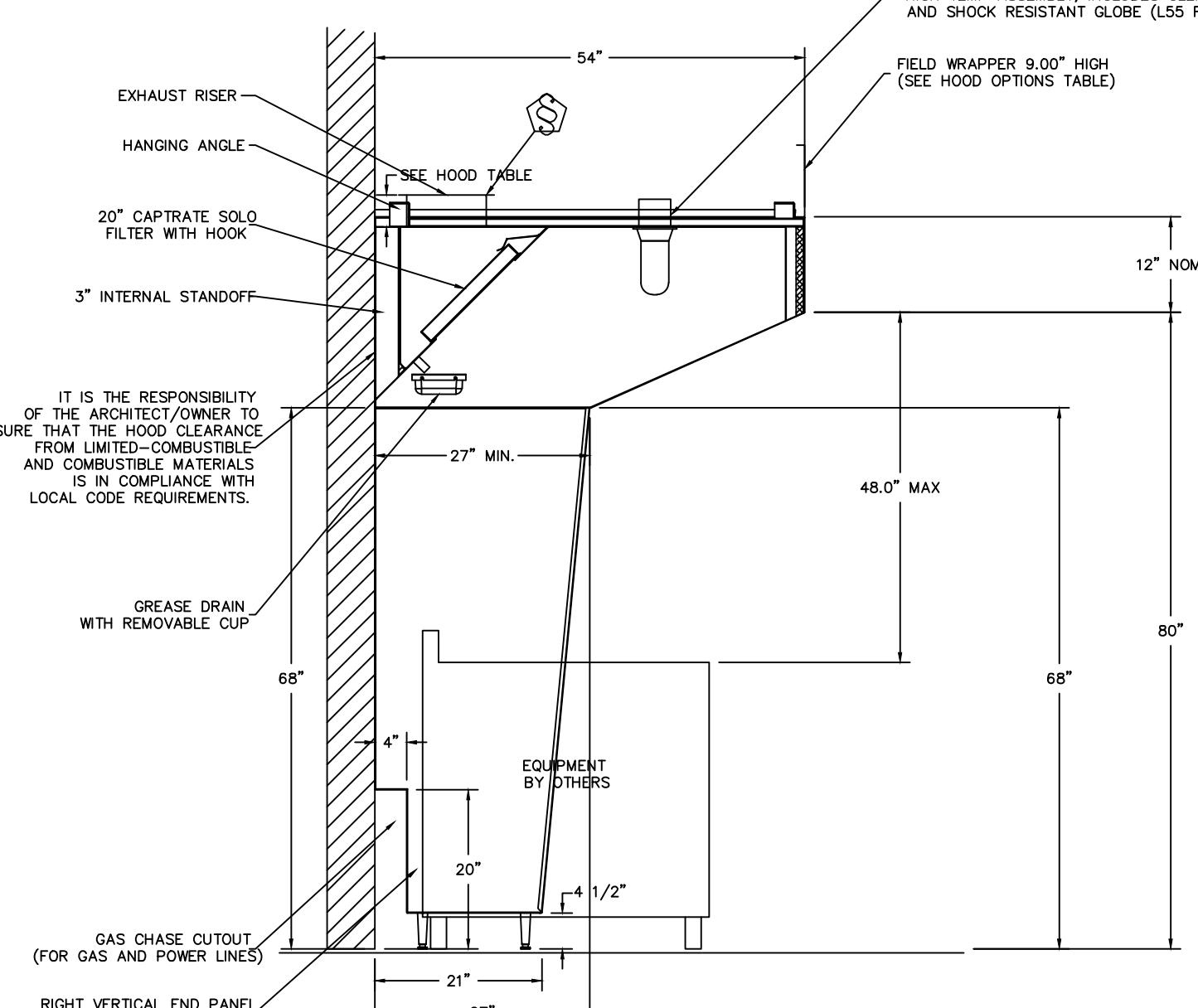
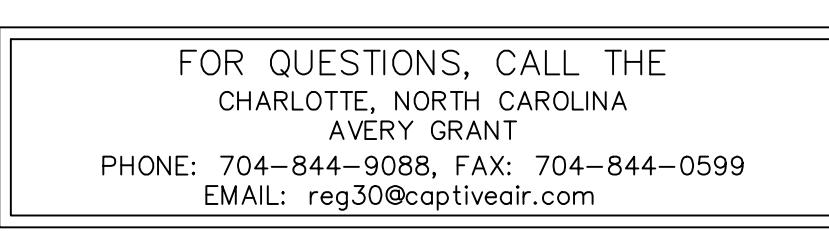


PLAN VIEW - Hood #1
4' 0.00" LONG 5412SND-2

PLAN VIEW - Hood #2
4' 0.00" LONG 5412SND-2



SECTION VIEW - MODEL 5412SND-
HOOD - #1

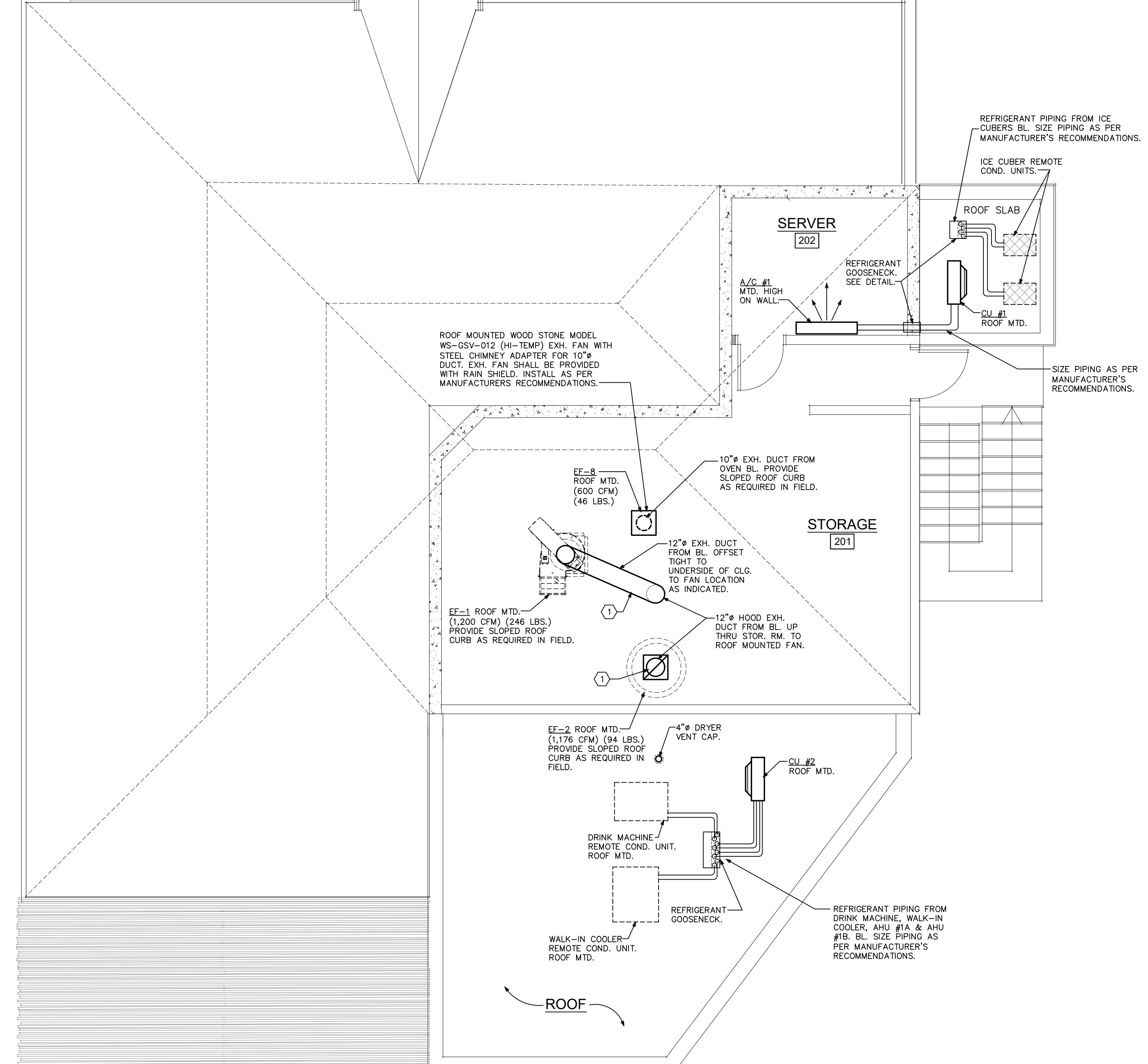
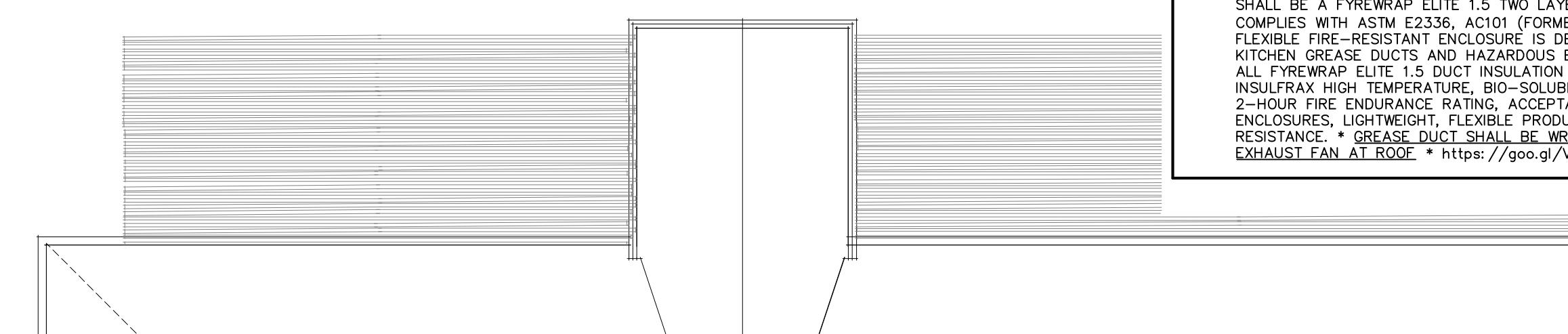


SECTION VIEW - MODEL 5412SND-2
HOOD - #2

AIR COOLED AIR CONDITIONING UNIT SCHEDULE															
CONDENSING UNIT								INDOOR UNIT							
CU LABEL(S)	MANUFACTURER & MODEL NO.	TOTAL CAPACITY COOLING	TOTAL CAPACITY HEATING	VOLTAGE	MOCP	SEER	WEIGHT	AHU LABEL(S)	MANUFACTURER & MODEL NO.	TOTAL CFM	FAN FLA	BLOWER SPEED	VOLTAGE	WEIGHT	NOTES
CU #1	MITSUBISHI MUY-GL15NA-U1	14,000	–	208V/1Ø	15A	13.0	96 lbs.	A/C #1	MITSUBISHI MSY-GL15NA-U1	170 – 533	0.76	5-SPEED	115V/1Ø	37 lbs.	1,2,3
CU #2	MITSUBISHI MXZ-2C20NA2	6,000–20,000	–	208V/1Ø	20A	20.0	139 lbs.	A/C #2A	MITSUBISHI MSZ-GL06NA-U1	145 – 399	0.76	5-SPEED	115V/1Ø	22 lbs.	1,2,3
								A/C #2B	MITSUBISHI MSZ-GL06NA-U1	145 – 399	0.76	5-SPEED	115V/1Ø	22 lbs.	1,2,3

SPECIFIC MECHANICAL NOTES

1 GREASE DUCT FIRE WRAP SHALL BE A 2-LAYER "FYREWRAP" SYSTEM OR APPROVED EQUAL. SHALL BE A FYREWRAP ELITE 1.5 TWO LAYER ASTM E2336 DUCT INSULATION SYSTEM WHICH COMPLIES WITH ASTM E2336, AC101 (FORMERLY ICBO) AS WELL AS 2009 IMC 506.3.10. THIS FLEXIBLE FIRE-RESISTANT ENCLOSURE IS DESIGNED FOR 2 HOUR FIRE-RATED COMMERCIAL KITCHEN GREASE DUCTS AND HAZARDOUS EXHAUST DUCTS, INCLUDING CHEMICAL FUME DUCTS. ALL FYREWRAP ELITE 1.5 DUCT INSULATION SYSTEMS OFFER THE FOLLOWING FEATURES: INSULFRAX HIGH TEMPERATURE, BIO-SOLUBLE INSULATION, ZERO CLEARANCE TO COMBUSTIBLES, 2-HOUR FIRE ENDURANCE RATING, ACCEPTABLE ALTERNATIVE TO FIRE-RATED SHAFT ENCLOSURES, LIGHTWEIGHT, FLEXIBLE PRODUCT FORM, GREENGUARD LISTED FOR MICROBIAL RESISTANCE. * GREASE DUCT SHALL BE WRAPPED WITH FYREWRAP FROM HOOD CONNECTION TO EXHAUST FAN AT POOF. * <https://ace.ql/0oapXg>



1 STOR. LOFT PLAN - MECHANICAL
SCALE: 1/4"=1'-0"

HOOD INFORMATION - Job#3309794													
HOOD NO.	TAG	MODEL	LENGTH	MAX. COOKING TEMP.	EXHAUST PLenum RISer(S)				HOOD CONSTRUCTION	HOOD CONFIG.			
					TOTAL EXH. CFM	WIDTH	LEN	HEIGHT	DIA.	CFM	VEL.	S.P.	
1	5412 SND-2	4' 0"	600 Deg.	1200		4"	10"	1200	2200	-0.978	430 SS	100%	LEFT ALONE
2	5412 SND-2	4' 0"	600 Deg.	1176		4"	10"	1176	2156	-0.939	430 SS	Where Exposed	RIGHT ALONE

HOOD INFORMATION

HOOD NO.	TAG	FILTER(S)				LIGHT(S)				UTILITY CABINET(S)							
		TYPE	QTY.	HEIGHT	LENGTH	EFFICIENCY @ 7 MICRON	QTY.	TYPE	WIRE GUARD	LOCATION	SIZE	TYPE	SIZE	MODEL #	QUANTITY	FIRE SYSTEM PIPING	HOOD HANGING WGT
1		Captrate Solo Filter	2	20"	20"	85% See Filter Spec.	2	L55 Series E26	NO							NO	258 LBS
2		Captrate Solo Filter	2	20"	20"	85% See Filter Spec.	2	L55 Series E26	NO							NO	260 LBS

HOOD OPTIONS

HOOD NO.	TAG	OPTION
1		FIELD WRAPPER 9.00" High Front, Left BACKSPLASH 80.00" High X 97.00" Long 430 SS Vertical LEFT VERTICAL END PANEL 27" Top Width, 21" Bottom Width, 68" High Insulated 430 SS SENSOR-CV
2		FIELD WRAPPER 9.00" High Front, Right RIGHT SIDESPLASH 92.00" High X 54.00" Long 430 SS Vertical RIGHT END STANDOFF(FIN/SLP) 1" Wide 54" Long Insulated RIGHT VERTICAL END PANEL 27" Top Width, 21" Bottom Width, 68" High Insulated 430 SS SENSOR-CV

SPECIFICATION: CAPTRATE* GREASE-STOP* SOLO FILTER

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

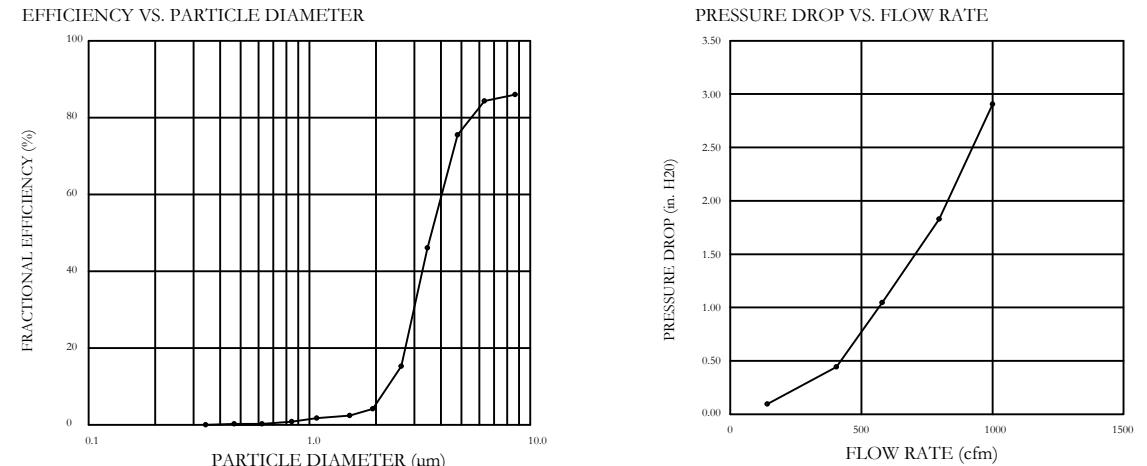
FILTER IS STAINLESS STEEL CONSTRUCTION, AND SIZED TO FIT INTO STANDARD 2-INCH DEEP HOOD CHANNELS.

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

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

THE CAPTRATE GREASE-STOP SOLO WAS TESTED TO ASTM STANDARD ASTM F2519-05.

EFFICIENCY VS. PARTICLE DIAMETER



PARTICLE DIAMETER (μm)

NFPA #54
NSF STANDARD #2
UL STANDARD #1046
INT. MECH. CODE (IMC)
ULC-S649

CAPTRATE FILTERS ARE BUILT IN COMPLIANCE WITH:

NSF STANDARD #2
UL STANDARD #1046
INT. MECH. CODE (IMC)
ULC-S649

NSF STANDARD #2
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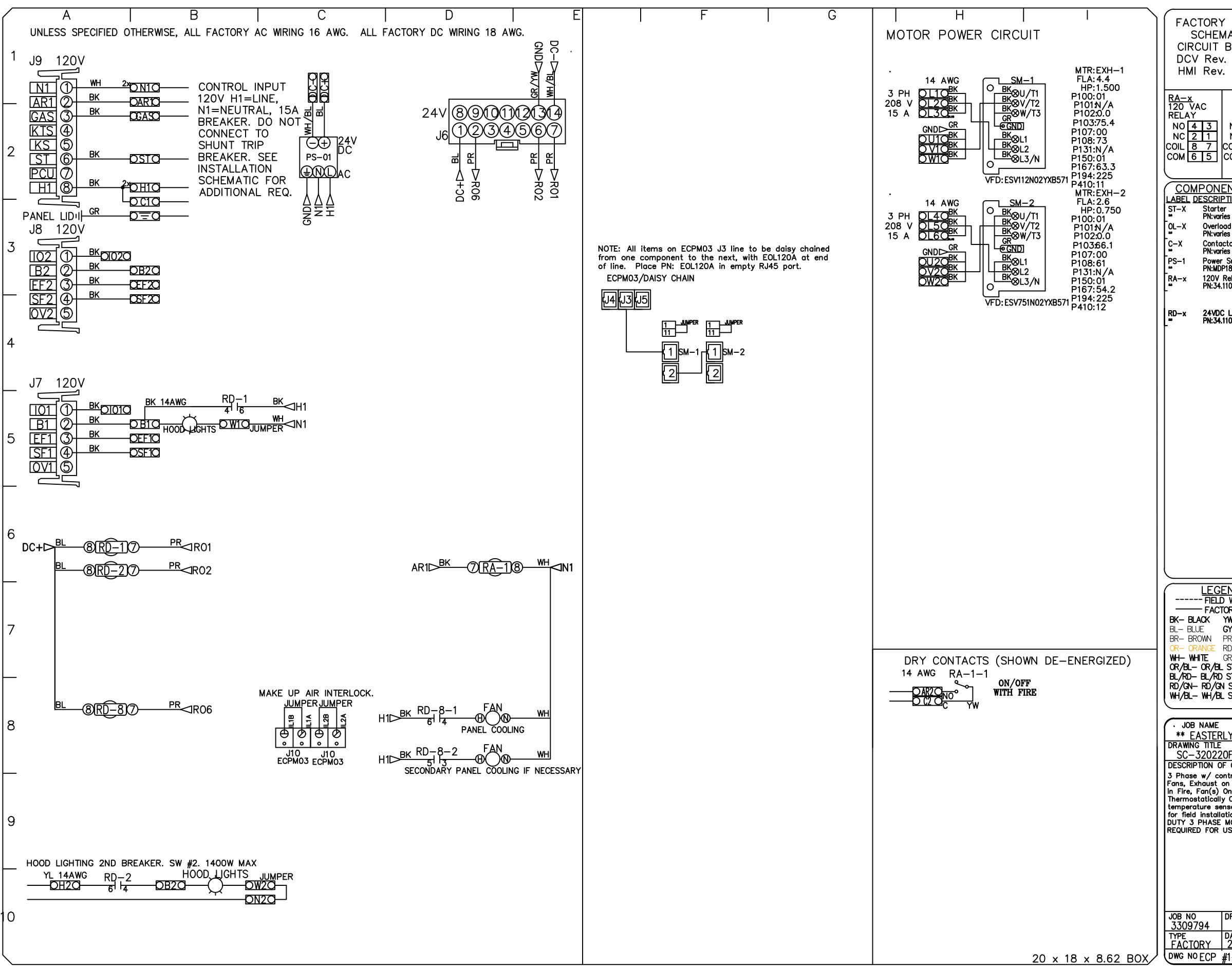
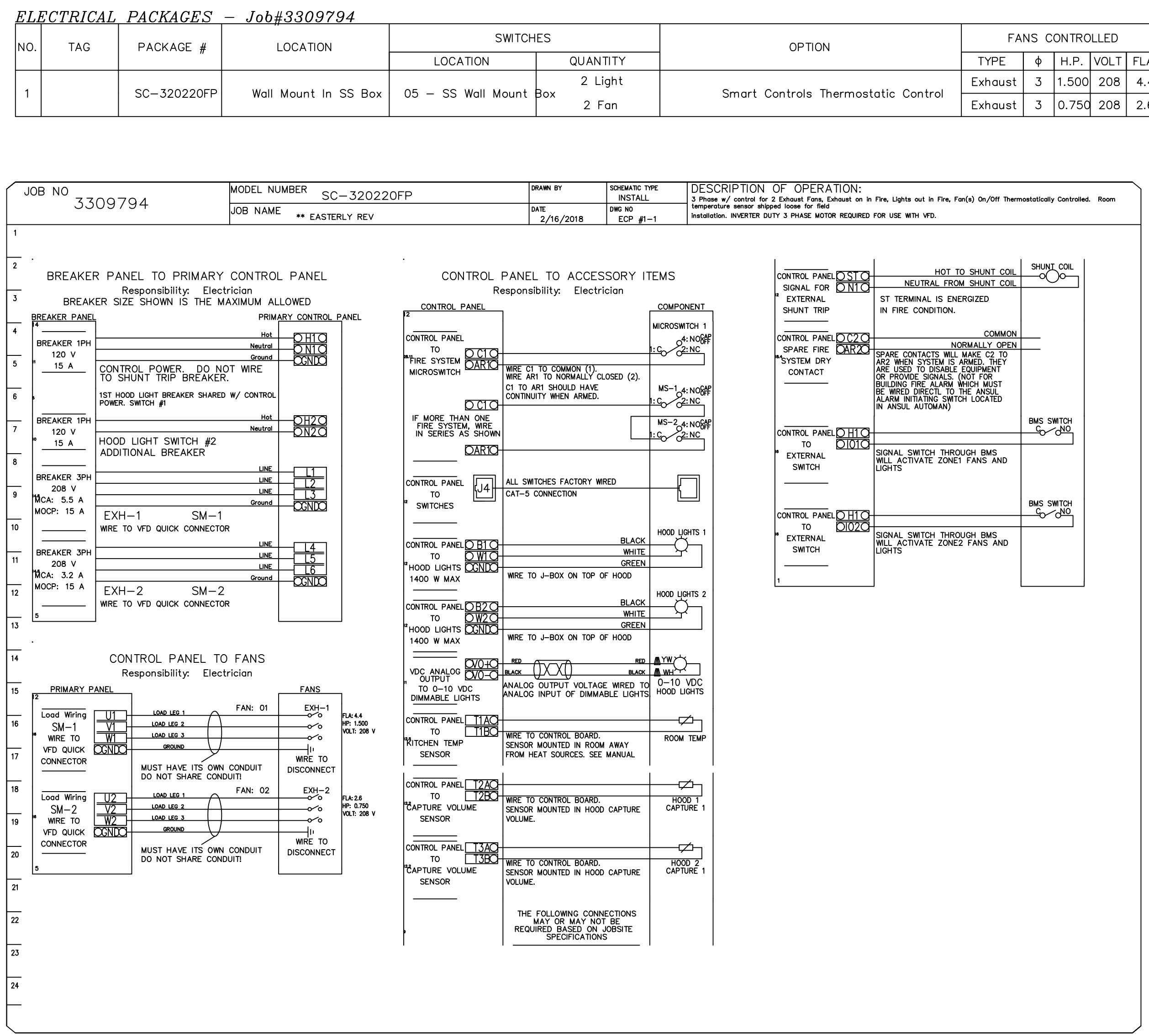
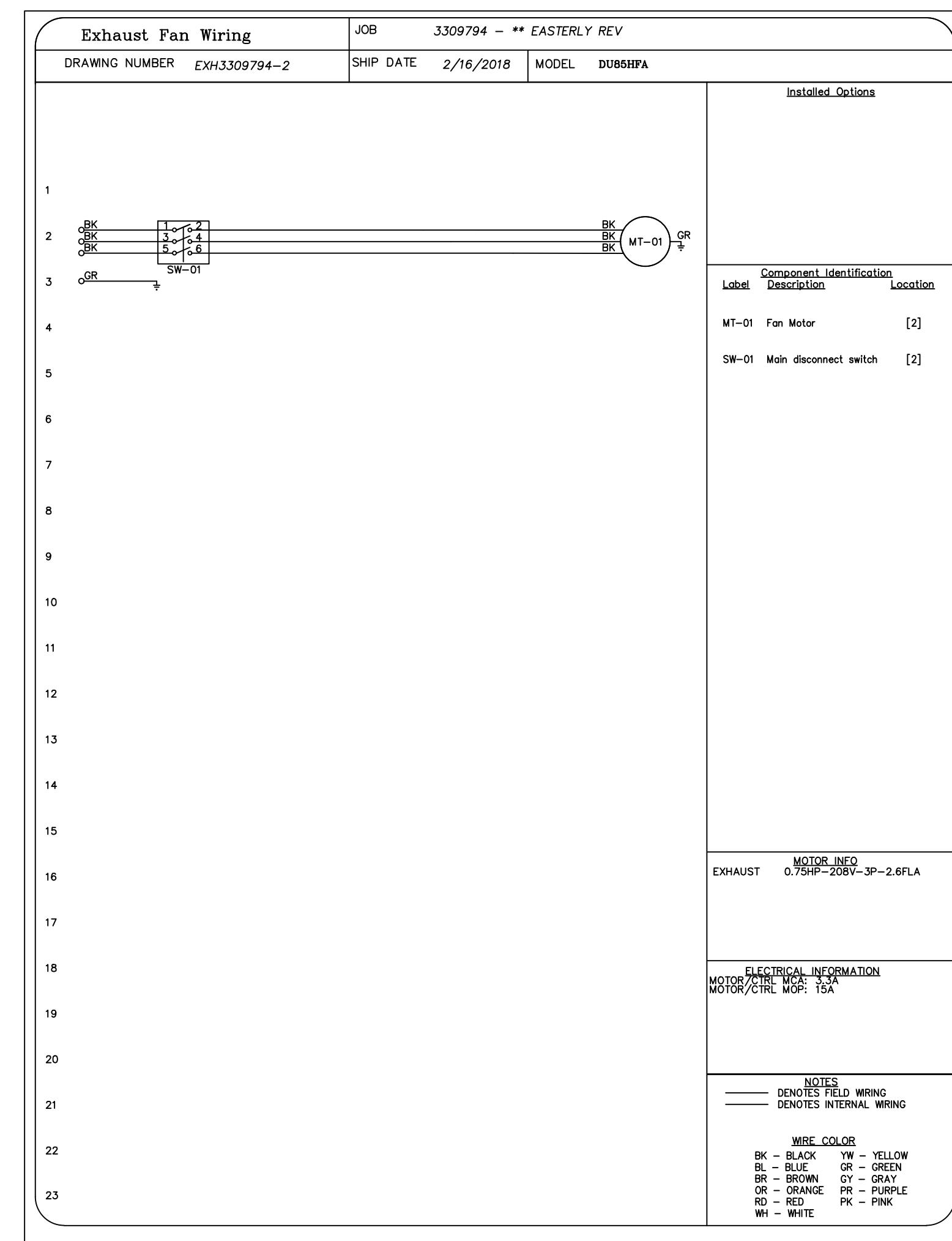
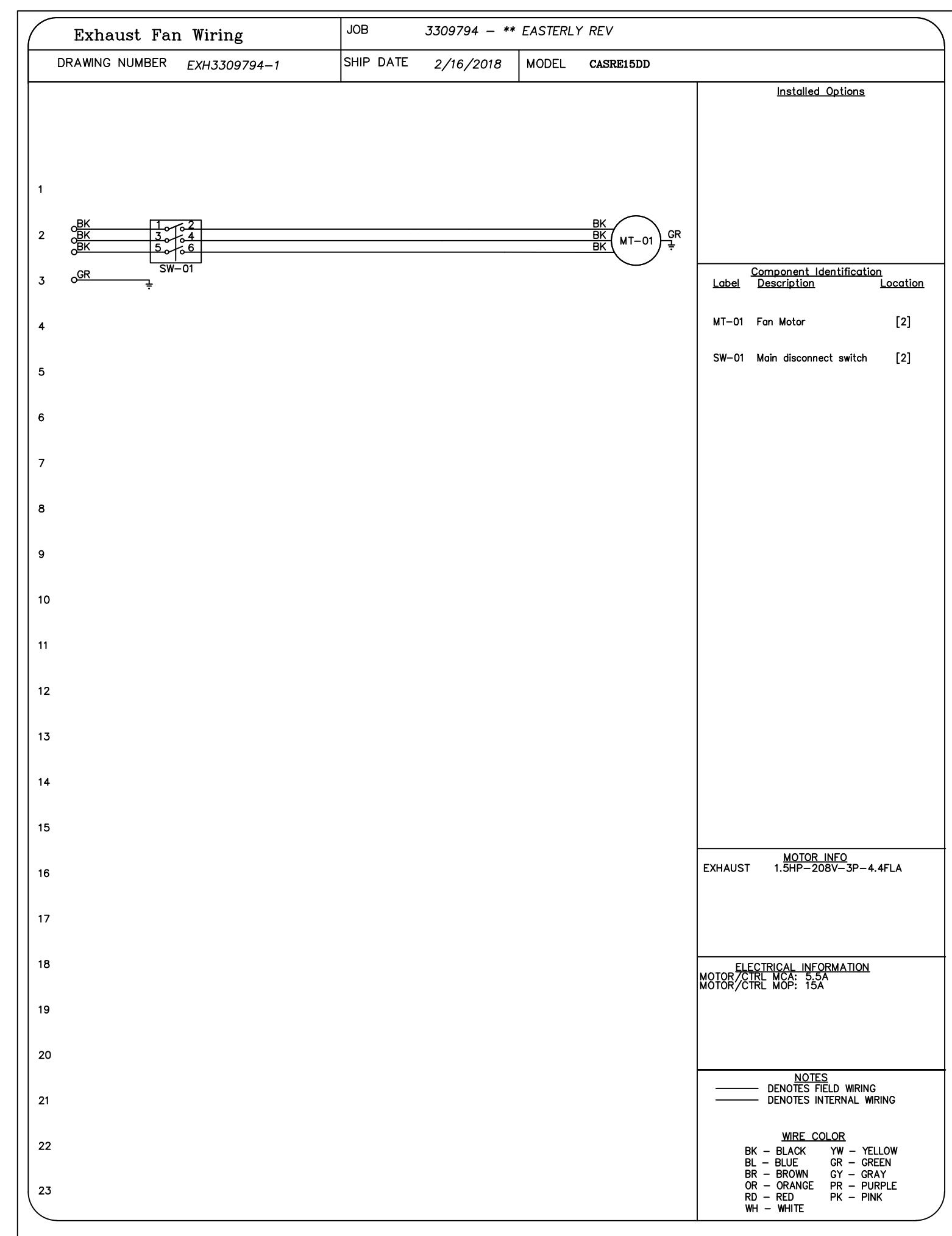
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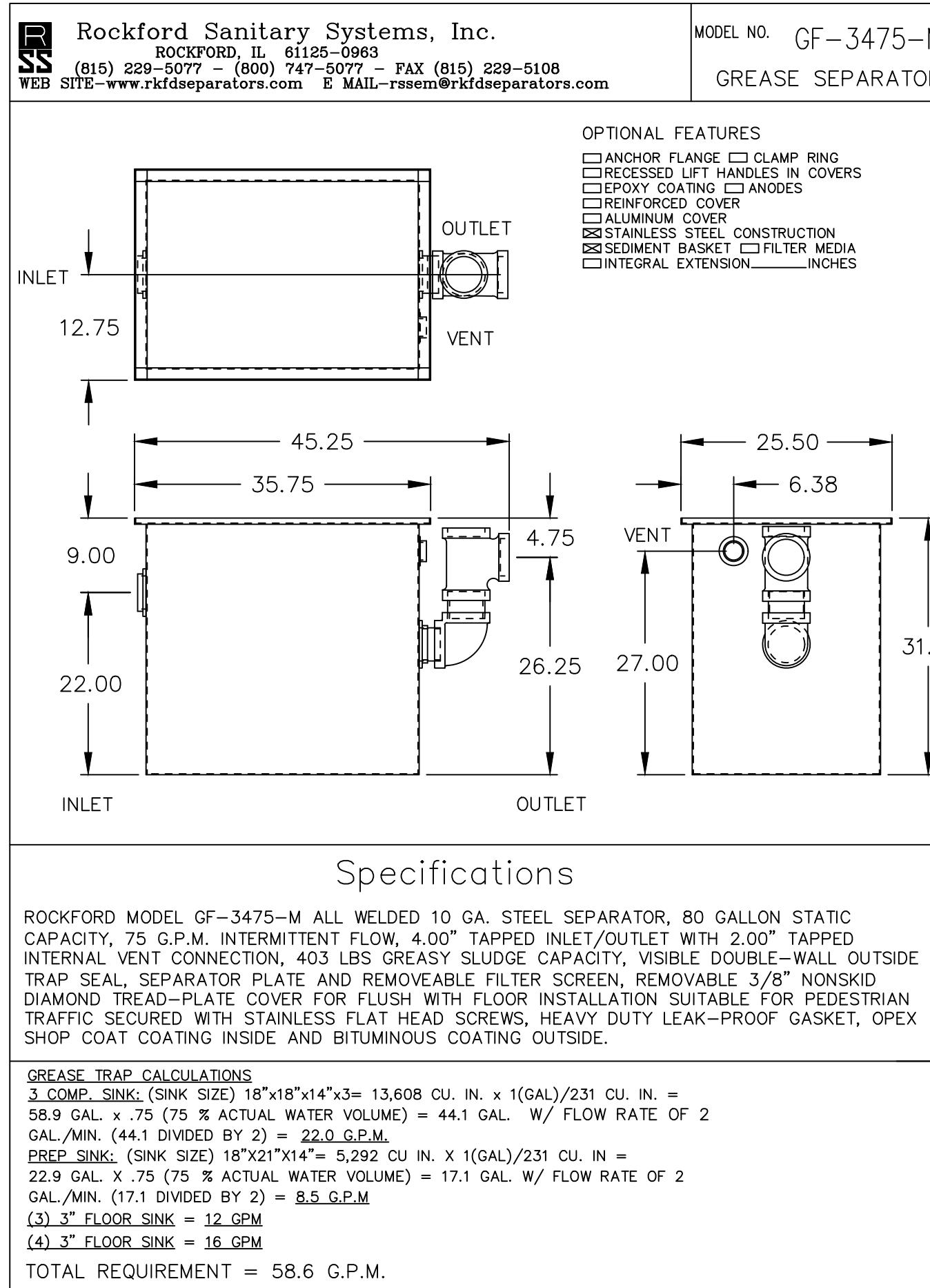
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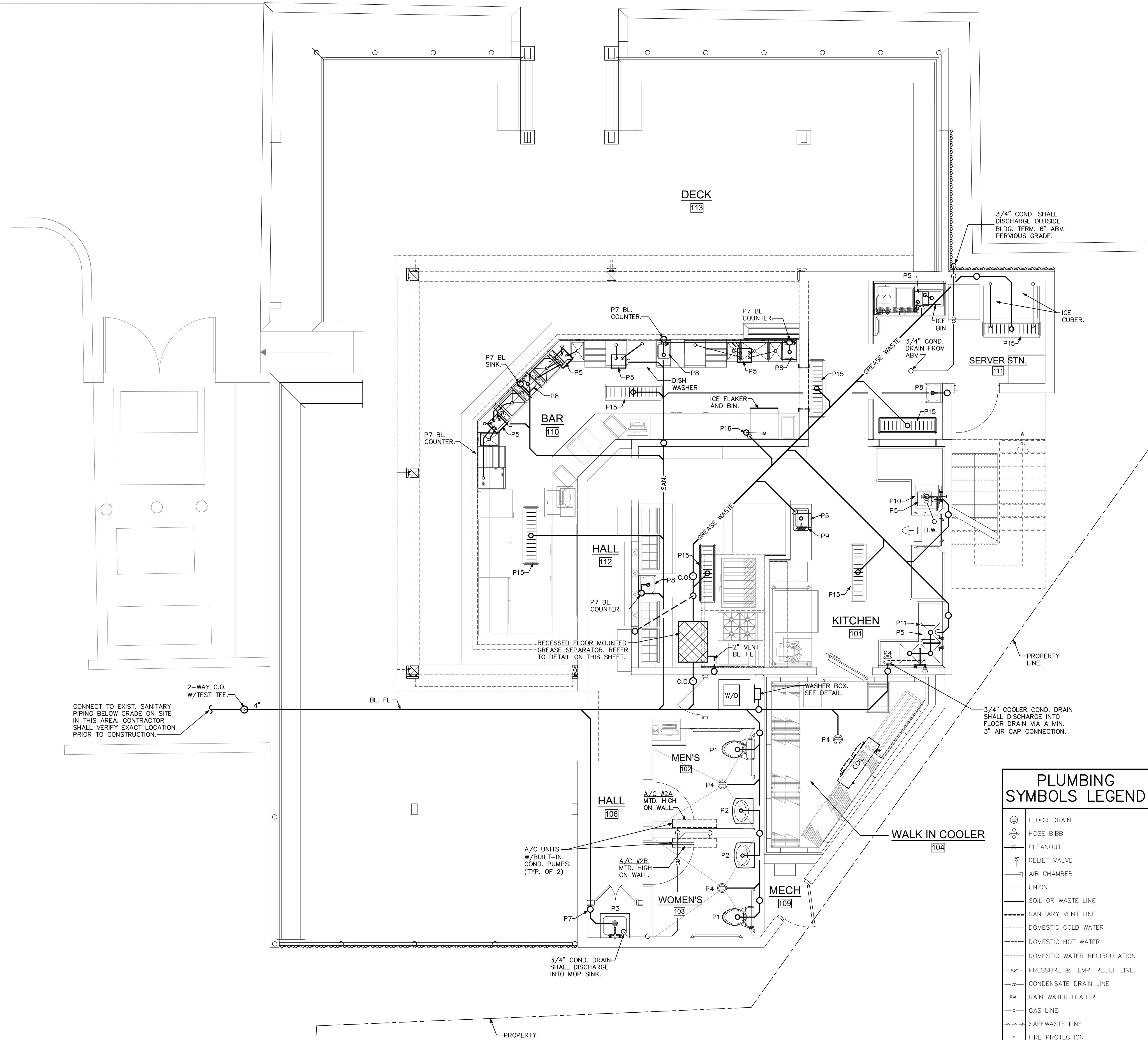
M5



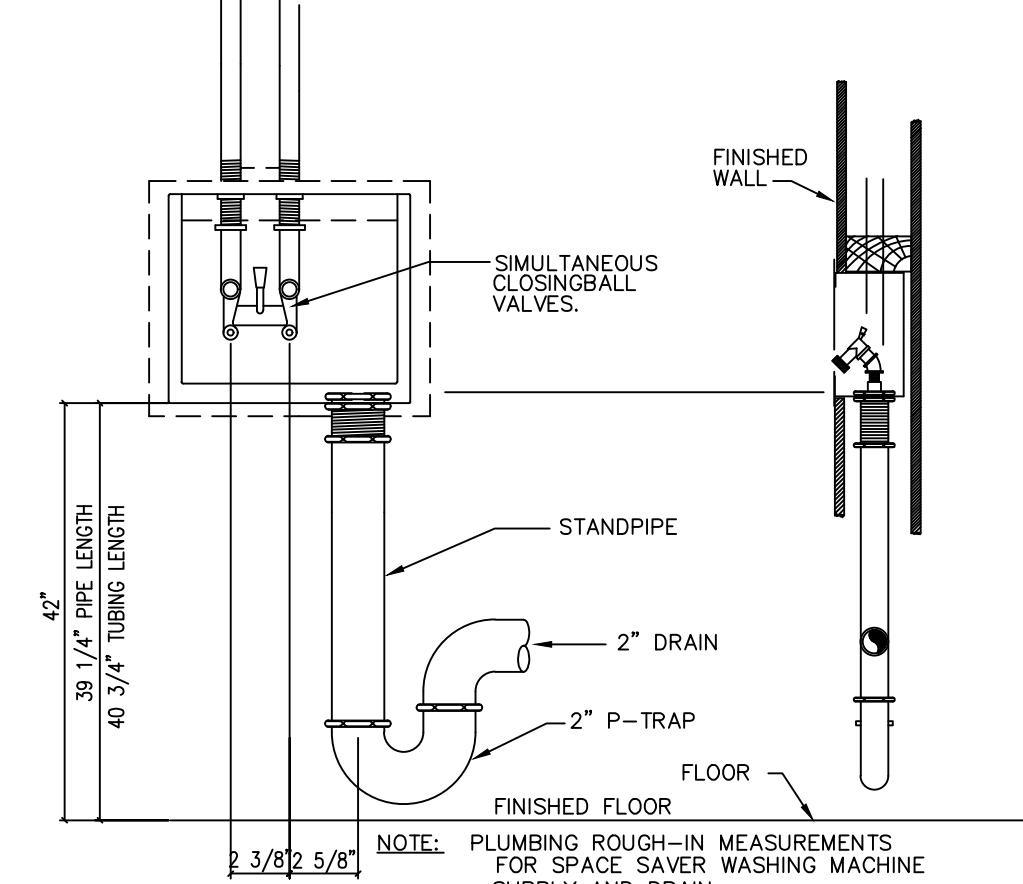
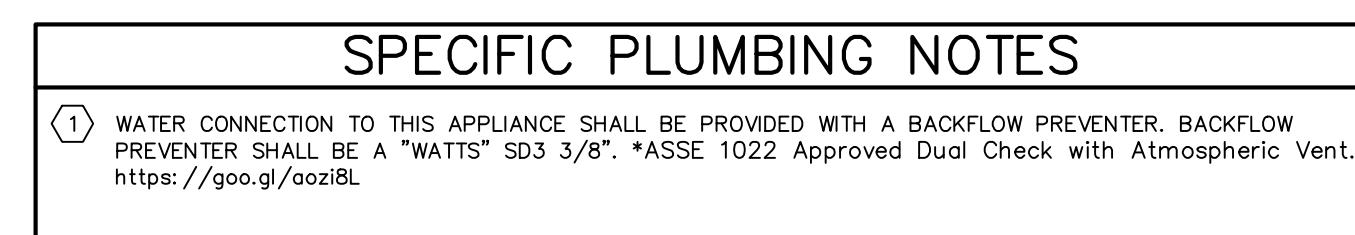
2 GREASE SEPARATOR DETAIL

NO SCALE

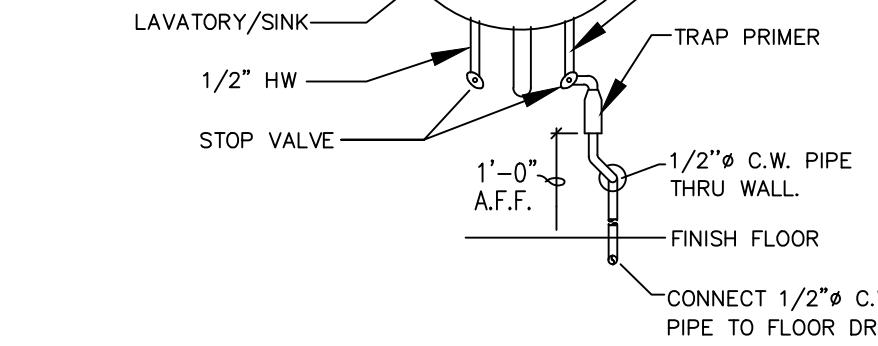
PLUMBING ABBREVIATION LEGEND					
DN.	DOWN	C.C.	N.T.S.	F.U.	FIXTURE UNITS
EXT.	EXTERIOR	N.T.S.	MANUFACTURER	H.B.	HOSE BIBBS
F.F.	FLOOR DRAIN	MIRROR	SHUT OFF VALVE	C.O.	CLEANOUT
A.F.F.	ABOVE FINISH FLOOR	S.O.V.	WATER CLOSET	E.W.H.	RELIEF VALVE
V.T.R.	VENT THRU ROOF	LAV.	LABORATORY	JAN.SK.	AIR CHAMBER
R.D.	ROOF DRAIN	SK.	SINK	P. & T	UNION
REV.	REVISION	DISH WASHER	ELECTRIC DRINKING FOUNTAIN	R.WL.	SOIL OR WASTE LINE
O.C.	ON CENTER	UR.	URINAL		SANITARY VENT LINE



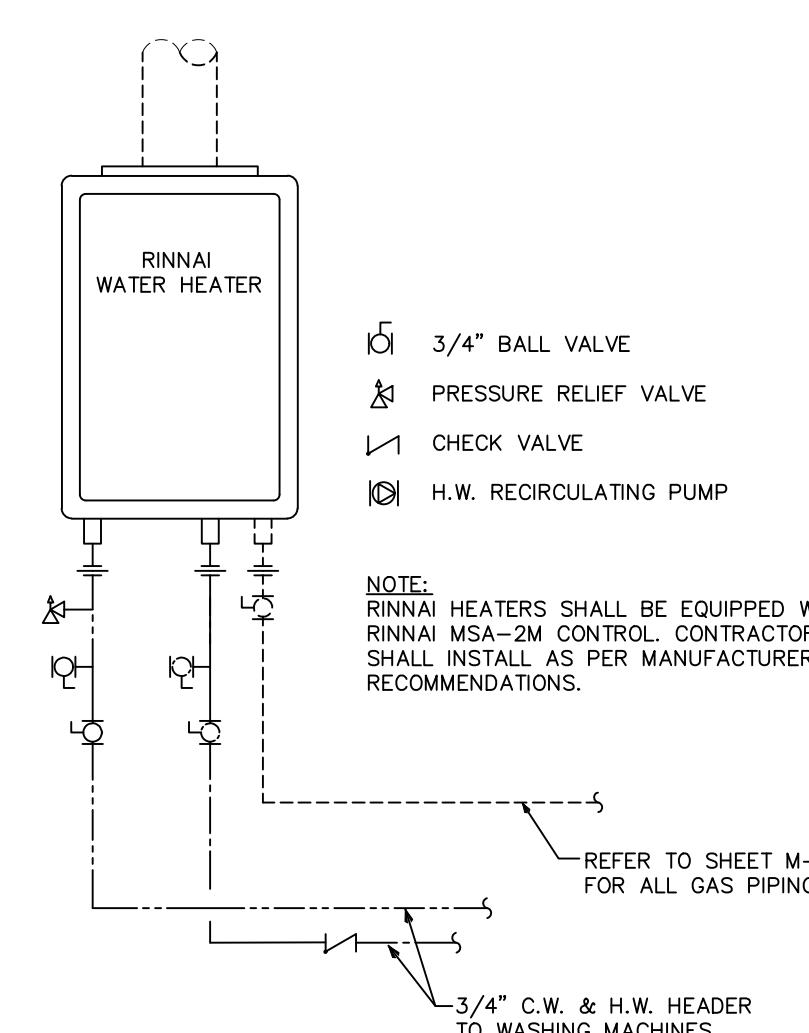
(SANITARY AND GREASE WASTE PIPING)
1 FLOOR PLAN - PLUMBING
SCALE: 1/4"=1'-0"



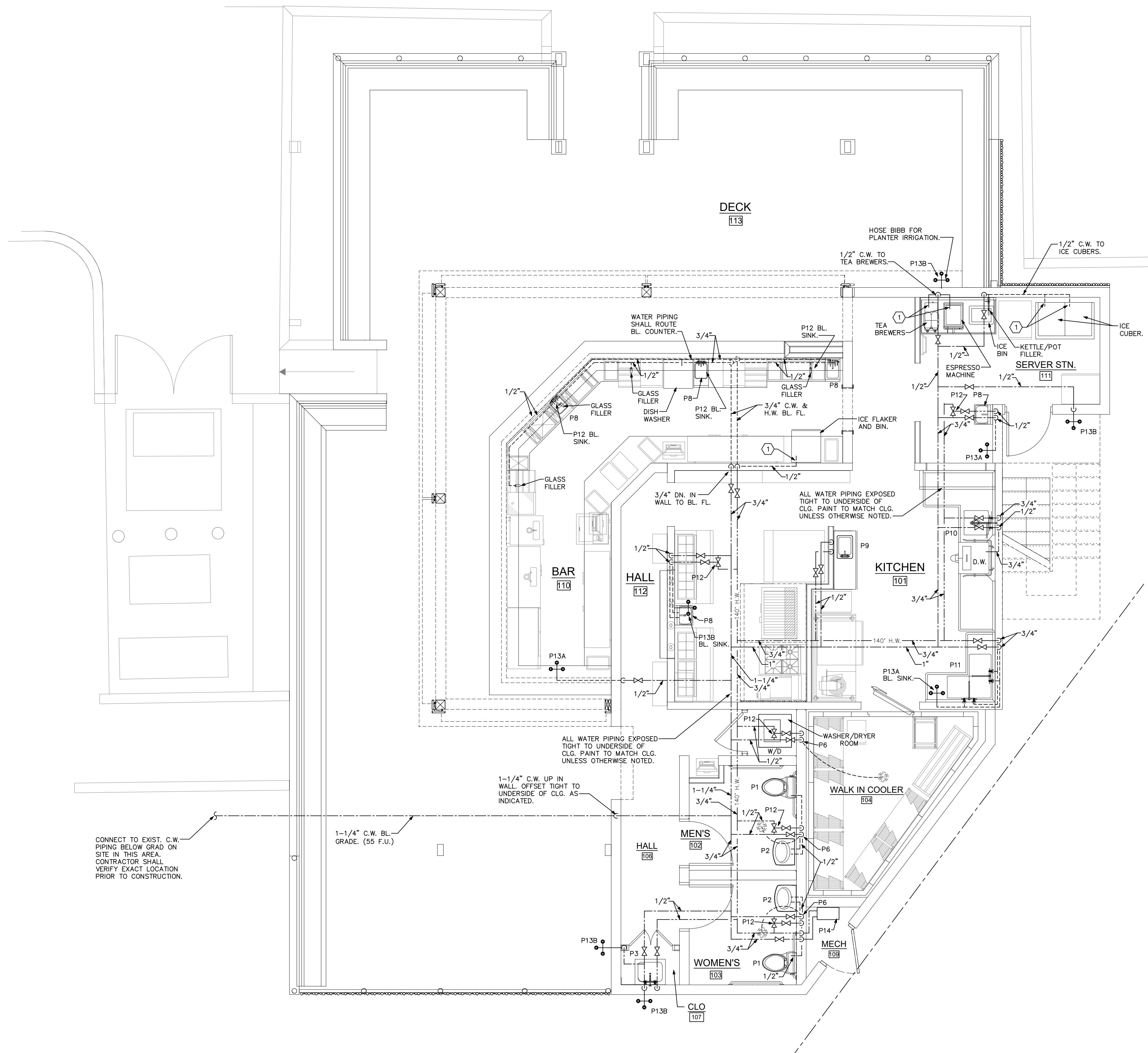
2 WASHER CONN. BOX DTL.
NO SCALE



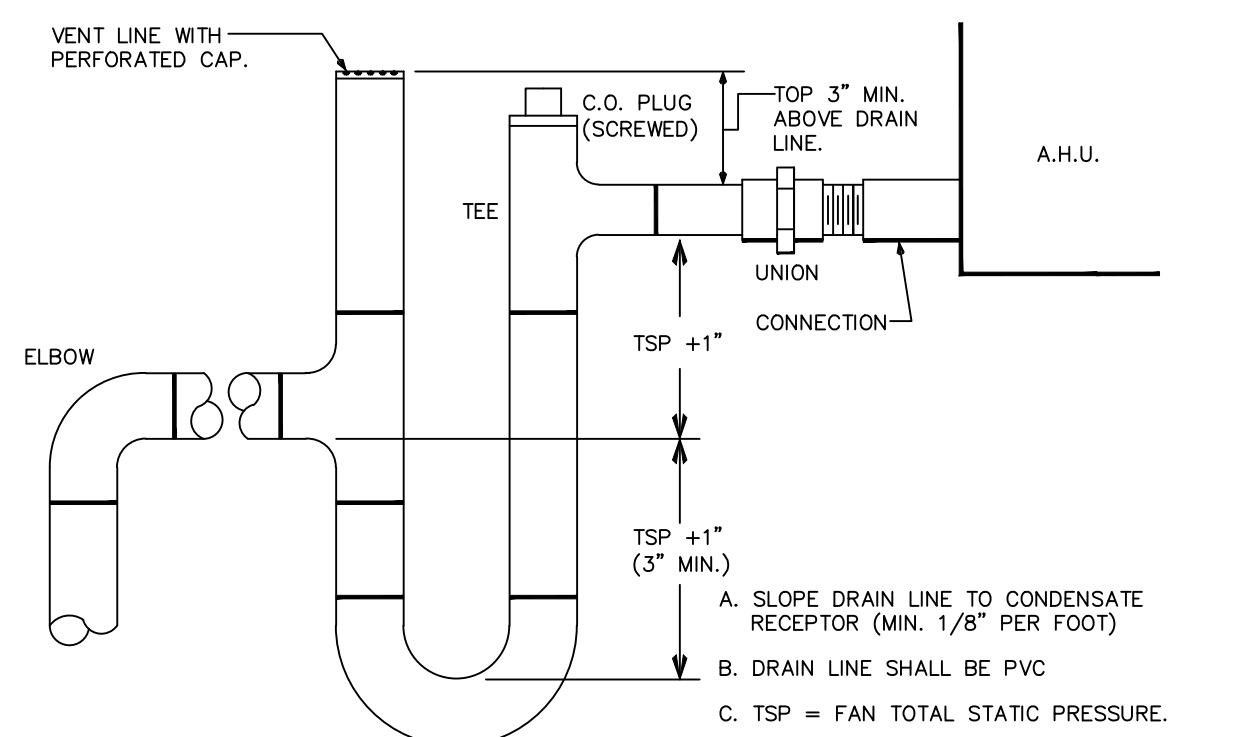
3 TRAP PRIMER DETAIL
NO SCALE



4 RINNAI WATER HTR. DETAIL
NO SCALE

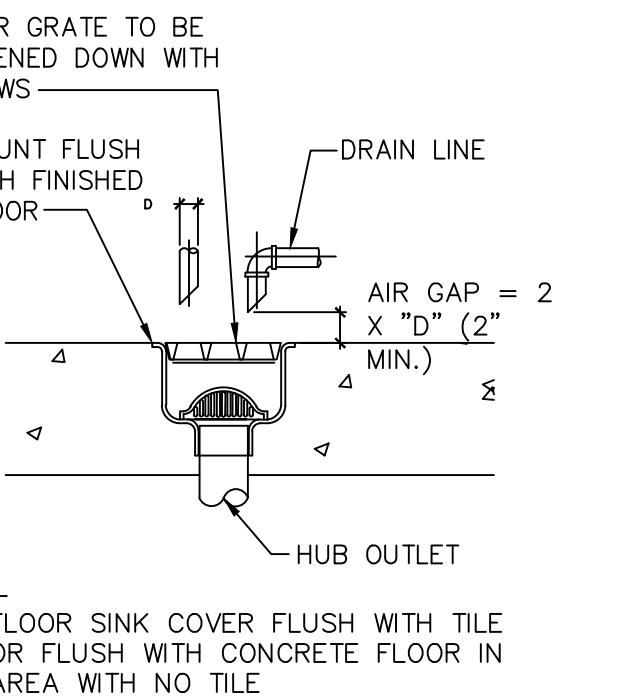


PLUMBING FIXTURE SCHEDULE	
P-1 (HANDICAPPED FLOOR MOUNTED FLUSH TANK WATER CLOSET)	SHALL BE AN AMERICAN STANDARD MODEL 270AA.001 CADET 3 RIGHT HEIGHT ELONGATED 1.6 GPF TOILET WITH CHROME PLATED FINISHING SYSTEM, TANK TYPE, FLOOR MOUNTED, FLOOR OUTLET, WITH AMERICAN STANDARD OPEN FRONT HEAVY-DUTY CONCRETE SEAT MODEL 5901.100. • TOILET LEVER HANDLE SHALL BE LOCATED ON ACCESSIBLE SIDE OF TOILET. WATER CLOSET: https://goo.gl/kP4iSi TOILET SEAT: https://goo.gl/120eyk
P-2 (HANDICAPPED WALL HUNG LAVATORY)	SHALL BE AN AMERICAN STANDARD REGALYN LAVATORY MODEL 4869.004 (CENTER HOLE ONLY). VITREOUS CHINA MOUNT WITH CONCEALED ARMS SUPPORT. FAUCET SHALL BE A "CHICAGO" MODEL 33-6859-CHROME FAUCET UNIT WITH CONCEALED CUPCULITE. FAUCET RUN TIME FROM 2 TO 4 SECONDS. OPENS WITH PUSH, 0.20 MAX GALLON/CYCLE. WATER PIPING AND P-TRAP SHALL BE COVERED WITH AN UNDER-SINK PROTECTIVE PIPE COVER KIT BY TRUEBRO (TRUEBRO.COM) OR APPROVED EQUAL. PROVIDE MIXING VALVE BELOW LAVATORY SET TO 110° H.W. LAVATORY: https://goo.gl/Lwx4i FAUCET: https://goo.gl/69D0w
P-3 (FLOOR MOUNTED CANWASH/MOP RECEPTOR)	SHALL BE A FLORESTONE #50 24X24X6" MOLDED MOP BASIN WITH 3" OUTLET. PROVIDE WITH MR-373 THREADED FAUCET WITH WALL BRACE, PAIL HOOK AND APPROVED VACUUM BREAKER, MR-370 HANGER & HOOK BRACKET, MR-372 MOP HANGER, MR-373 BUMPER GUARDS AND MR-377 STAINLESS STEEL WALL GUARD. SINK: https://goo.gl/NNh75Y FAUCET/ACCESSORIES: https://goo.gl/wcWM7
P-4 (FLOOR DRAIN WITH TRAP PRIMER)	SHALL BE A JOSAN 30003-A-50 SERIES COATED CAST IRON FLOOR DRAIN WITH 1/2" TRAP PRIMER. 3" PIPE CONNECTION, 6" DRIP TOP, STRAINER TYPE 6A, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE, WELOC INVERTIBLE NON-PUNCTURING FLASHING COLLAR, WEEPHOLES, BOTTOM OUTLET AND ADJUSTABLE SATIN NIKALOY ROUND SUPER-FLO STRAINER. DRAIN: https://goo.gl/TCUVCG
P-5 (FLOOR SINK W/SEDIMENT BUCKET)	SHALL BE A JOSAN 49340A-3-31 SERIES SQUARE CAST IRON 8" DEEP SUPER-FLO-SEPTIC FLOOR SINK WITH PORC-COATED INTERIOR, DOUBLE DRAINAGE FLANGE WITH WEEPHOLES, BOTTOM OUTLET, ALUMINUM INTERNAL DOME STRAINER, AND CAST IRON, NON-TRAFFIC, PORC-COATED, ANTI-ТИLTING GRATE, WITH HALF GRATE AND ALUMINUM SEDIMENT BUCKET. DRAIN: https://goo.gl/TCUVCG
P-6 (AUTOMATIC TRAP PRIMER)	SHALL BE A IPS CORPORATION "SIoux CHIEF" MODEL 695 TRAP PRIMER WITH VACUUM BREAKER. AUTOMATIC TRAP PRIMER VALVE SHALL ACTIVATE WITH A 10 PSIG PRESSURE DROP BETWEEN 30-150 PSIG. DRAIN: https://goo.gl/WqkVWk
P-7 (2" STUDOR VENT - AIR ADMITTANCE VALVE)	SHALL BE A IPS CORPORATION "STUDOR MINI-VENT". 2" VENT. STUDOR VENT: https://goo.gl/fxH9PT
P-8 (S.S. HAND SINK W/FAUCET)	COORDINATE FINAL SPECIFICATIONS WITH ARCHITECT/OWNER PRIOR TO CONSTRUCTION. STUDOR VENT: https://goo.gl/fxH9PT
P-9 (S.S. PRE-RINSE SINK W/FAUCET)	COORDINATE FINAL SPECIFICATIONS WITH ARCHITECT/OWNER PRIOR TO CONSTRUCTION. STUDOR VENT: https://goo.gl/fxH9PT
P-10 (S.S. PRE-RINSE SINK W/FAUCET)	COORDINATE FINAL SPECIFICATIONS WITH ARCHITECT/OWNER PRIOR TO CONSTRUCTION. STUDOR VENT: https://goo.gl/fxH9PT
P-11 (S.S. 3 COMPARTMENT SINK W/FAUCET)	COORDINATE FINAL SPECIFICATIONS WITH ARCHITECT/OWNER PRIOR TO CONSTRUCTION. STUDOR VENT: https://goo.gl/fxH9PT
P-12 (1/2" MIXING VALVE)	1/2" MIXING VALVE SHALL BE A "WATTS" MODEL LF1170-PEX-M2 SET AT 110°. Lead Free* cast copper silicon alloy body construction * http://media.watthewater.com/ES-LF1170_LFL1170.pdf MIXING VALVE: https://goo.gl/GtOBb7
P-13A (HOSE BIBB INTERIOR W/HANDWHEEL)	SHALL BE A "WOODFORD" MODEL 101 ANTI-SIPHON WALL FAUCET. HOSE BIBB: https://goo.gl/PDOLj0
P-13B (HOSE BIBB W/LOCKED BOX)	SHALL BE A ZURN Z1350 ENCASE MODERATE CLIMATE WALL HYDRANT FOR NARROW WALL INSTALLATION COMPLETE WITH BRONZE BODY, ALL BRONZE INTERIOR PARTS, REPLACEABLE SEAT, 1/2" IPS FEMALE INLET, 1/2" IPS MALE OUTLET, 1/2" IPS MALE HOSE CONNECTION, 1/2" HOSE VALVE, AND 3/4" IP FEMALE INLET AND 3/4" MALE HOSE CONNECTION STANDARD, STAINLESS STEEL BOX AND HINGED COVER WITH CYLINDER LOCK AND "WATER" STAMPED ON COVER. **NOTE: CAULKING OF INSIDE JOINTS BY OTHERS. HOSE BIBB: https://goo.gl/MMhfgs
P-14 (TANKLESS GAS WATER HEATER)	WATER HEATER SHALL BE A "THERM" MODEL C1991 (KBD3237FFUDC), 199,000 BTU INPUT W/CONCENTRIC SIDEWALL VENTING KIT. WATER HEATER: https://goo.gl/PdeoMH
P-15 (FLOOR TROUGH)	FLOOR TROUGH SHALL BE AN "ADVANCE TABCO" MODEL FTG-1248. FLOOR TROUGH: https://goo.gl/88yc5T
P-16 (HUB DRAIN - INBOTT WASTE FUNNEL)	SHALL BE A "ZURN" Z326, 2" PIPE CONNECTION, DURA-COATED CAST IRON BODY AND BOTTOM OUTLET. CONTRACTOR SHALL VERIFY FINAL HEIGHT OF FUNNEL WITH EQUIPMENT THAT IS UTILIZING FUNNEL DRAIN AND VERIFY PROPER CLEARANCE PRIOR TO CONSTRUCTION. COORDINATE WITH EQUIPMENT MANUFACTURER. DRAIN: https://goo.gl/fA5eeA
NOTES:	<ol style="list-style-type: none"> 1.) ALL PLUMBING FIXTURES SHALL BE AS SPECIFIED OR APPROVED EQUAL. 2.) PROVIDE ANGLE STOPS ON ALL WATER SERVICE LINES TO FIXTURES FOR INDIVIDUAL SHUT-OFF. 3.) COORDINATE ALL SPECIFICATIONS WITH ARCH./OWNER PRIOR TO PURCHASING.



3 CONDENSATE P-TRAP DETAIL

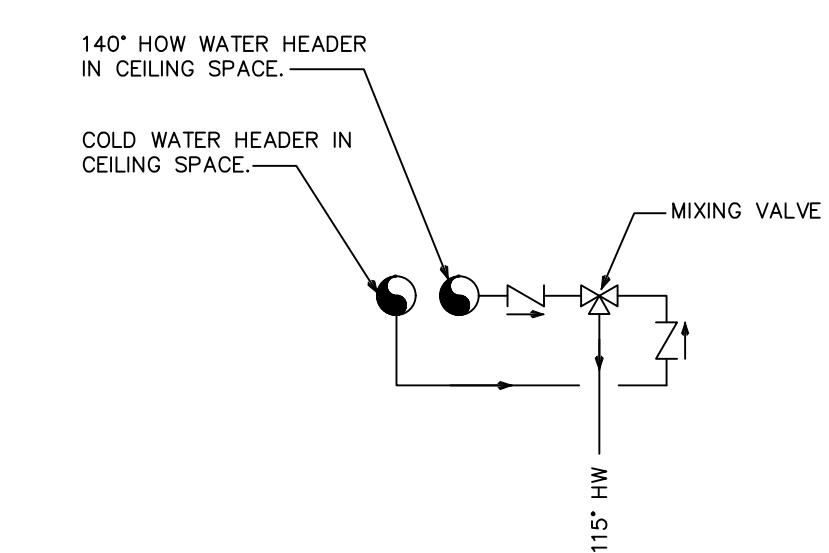
NOT TO SCALE



2 FLOOR SINK CONN. DETAIL

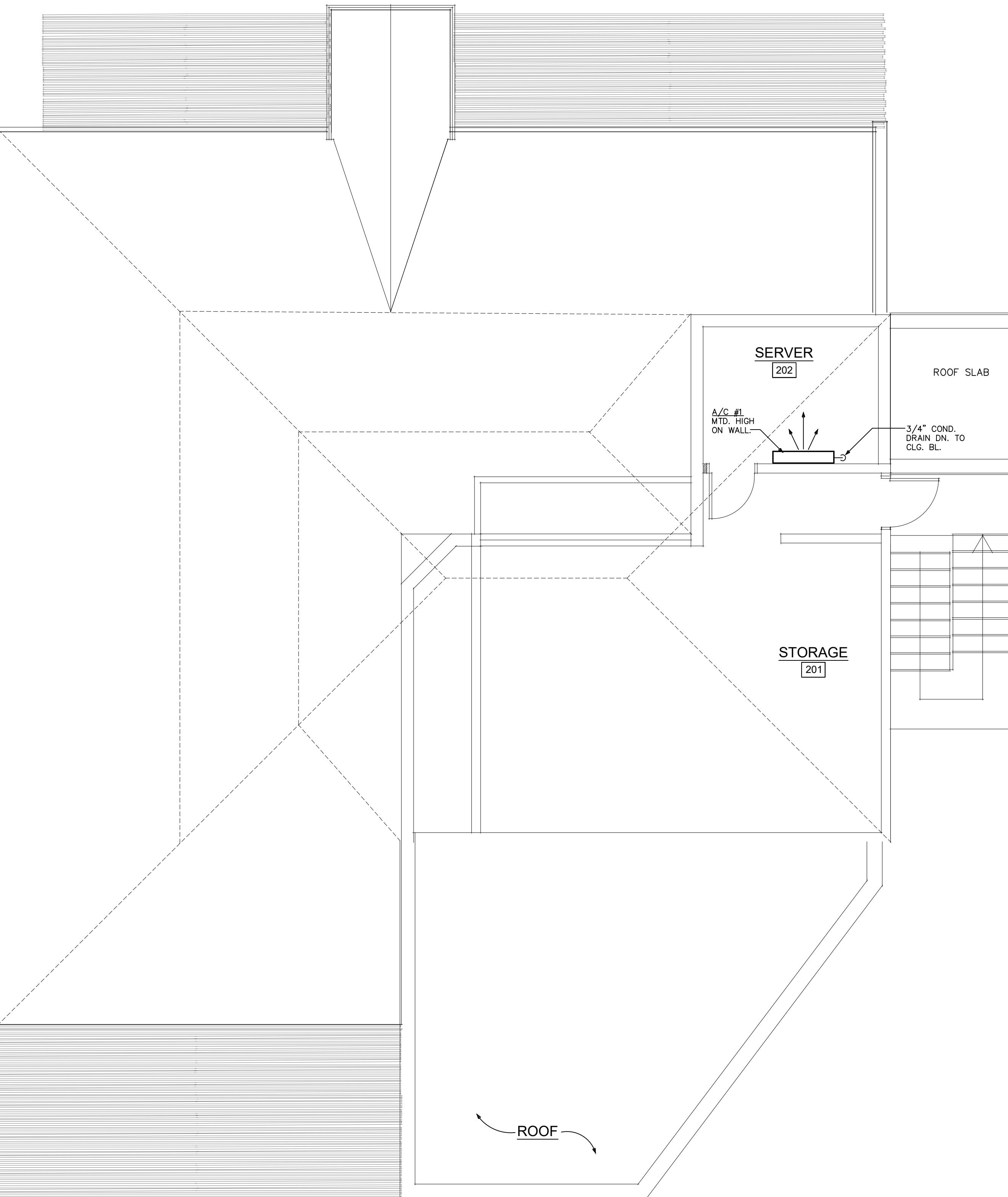
NO SCALE

GENERAL PLUMBING NOTES	
1.) DRAWINGS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED. REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR EXACT LOCATION OF ALL PLUMBING FIXTURES, EQUIPMENT, ETC. THE PLUMBING CONTRACTOR SHALL INSTALL ALL PLUMBING FIXTURES AND EQUIPMENT AS REQUIRED FOR A COMPLETE AND ACCEPTABLE WORK. INSTALLATION CONTRACTOR IS RESPONSIBLE TO INSTALL ALL FIXTURES AND EQUIPMENT IN STRICT COMPLIANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. THIS REQUIREMENT IS TO SUPERSEDE ANY DETAILS OR INFORMATION CONTAINED ON THESE DRAWINGS.	
2.) ALL WORK AND MATERIALS SHALL COMPLY WITH THE LATEST EDITION OF THE NATIONAL, STATE, AND ALL LOCAL CODES AND ORDINANCES HAVING JURISDICTION.	
3.) THE PLUMBING CONTRACTOR SHALL VISIT THE SITE AND THOROUGHLY FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS. ALL EXECUTION AND BACKFILL AS REQUIRED FOR THIS PHASE OF CONSTRUCTION SHALL BE A PART OF THIS CONTRACT.	
4.) ALL MATERIAL SHALL BE NEW.	
5.) ALL WORK SHALL BE PERFORMED BY A LICENSED PLUMBING CONTRACTOR IN A FIRST CLASS WORKMANLIKE MANNER. THE COMPLETED SYSTEM SHALL BE FULLY OPERATIVE AND ACCEPTED BY ENGINEER/ARCHITECT.	
6.) ALL REQUIRED INSURANCE SHALL BE PROVIDED FOR PROTECTION AGAINST PUBLIC LIABILITY OR PROPERTY DAMAGE FOR THE DURATION OF THE WORK.	
7.) THE PLUMBING CONTRACTOR SHALL SECURE AND PAY ALL PERMIT FEES, INSPECTIONS, AND TESTS.	
8.) ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF CONSTRUCTION.	
9.) THE PLUMBING CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP FREE FROM DEFECTS FOR A PERIOD OF NOT LESS THAN (1) ONE YEAR FROM DATE OF ACCEPTANCE. 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.	
10.) VERIFY LOCATION, SIZE AND INVERTS OF ALL EXISTING UTILITIES PRIOR TO START OF CONSTRUCTION. ADVISE ARCHITECT/ENGINEER OF ANY DISCREPANCIES.	
11.) ALL FIXTURES SHALL BE PROVIDED WITH READILY ACCESSIBLE STOPS.	
12.) ALL BELOW FLOOR SLAB WATER PIPING SHALL BE FLEXIBLE "TEMPITE PEX (GROSS-LINKED POLYETHYLENE)" INSTALLED AS PER MANUFACTURERS' RECOMMENDATIONS FOUND HERE: WWW.LURIZOL.COM . ALL ABOVE SLAB WATER PIPING SHALL BE "FLOWGUARD GOLD CPVC" INSTALLED AS PER MANUFACTURERS' RECOMMENDATIONS FOUND HERE: WWW.FLOWGUARDGOLD.COM . ALL WATER PIPING AS SPECIFIED OR APPROVED EQUAL. ALL 2" WATER PIPING SHALL BE TYPE "L" COPPER AND TYPE "K" COPPER FOR 2 1/2" AND LARGER. (OR APPROVED EQUAL).	
13.) SOIL, WASTES AND VENT PIPING SHALL BE PVC #40 DMV. WASTE AND VENT PIPING ABOVE SLAB SHALL BE PVC, IF APPROVED BY LOCAL AUTHORITIES HAVING JURISDICTION, OTHERWISE CAST IRON. PVC SHALL NOT BE INSTALLED IN A/C RETURN AIR PLENUM OR PENETRATE FIRE RATED WALLS OR FLOORS.	
14.) AIR CONDITIONING CONDENSATE DRAIN PIPING SHALL BE PVC #40 OR COPPER DRAIN WASTE AND BENT PIPE AND FITTINGS. INSTALL ALL CONDENSATE PIPING EXCEPT EXTERIOR PIPING. INSTALL ALL CONDENSATE PIPING FOR AIR CONDITIONING UNITS AS REQUIRED PER LOCAL CODES.	
15.) FURNISH AND INSTALL APPROVED WATER HAMMER ARRESTORS AT EACH GROUP OF FIXTURES. INSTALLATION OF WATER HAMMER ARRESTORS SHALL CONFORM TO THE MANUFACTURER'S RECOMMENDATIONS. PROVIDE AND INSTALL AN APPROVED WATER HAMMER ARRESTOR AT EACH FIXTURE OR DEVICE THAT HAS A SOLENOID WATER CONTROL VALVE.	
16.) PROVIDE CHROME PLATED COMBINATION COVERED PLATE AND CLEANOUT PLUG FOR ALL WALL CLEANOUTS, JOSAN 58890.	
17.) INSULATE LINES AS FOLLOWS:	
A.) 1-1/2" THICK ARMAFLEX PREFORMED INSULATION SHALL BE PROVIDED ON BOTH C.W. & H.W. WHEN PIPING IS LOCATED OUTSIDE OF THE INSULATED BUILDING ENVELOPE.	
B.) 1-1/2" THICK ARMAFLEX PREFORMED INSULATION SHALL BE PROVIDED ON H.W. PIPING & H.W. RECIRC. PIPING, ONLY WHEN THERE IS A H.W. RECIRCULATING PIPING SYSTEM.	
C.) CONDENSATE PIPING: 1/2" THICK ARMAFLEX PREFORMED OR APPROVED EQUAL.	



4 MIXING VALVE DETAIL

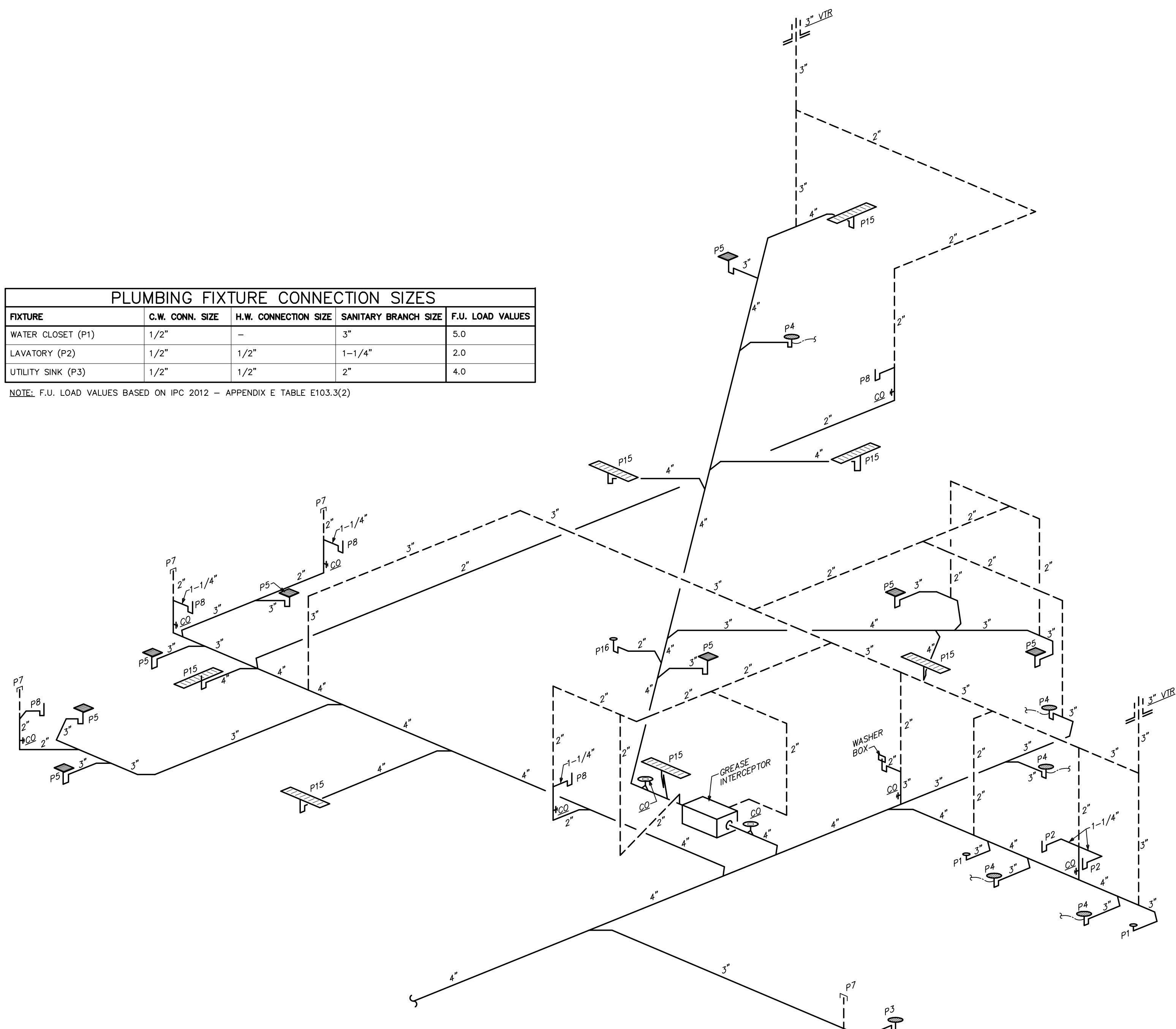
NO SCALE



1 STOR. LOFT PLAN - PLUMBING
SCALE: 1/4"=1'-0"

PLUMBING FIXTURE CONNECTION SIZES				
Fixture	C.W. Conn Size	H.W. Connection Size	Sanitary Branch Size	F.U. Load Values
WATER CLOSET (P1)	1/2"	-	3"	5.0
LAVATORY (P2)	1/2"	1/2"	1-1/4"	2.0
UTILITY SINK (P3)	1/2"	1/2"	2"	4.0

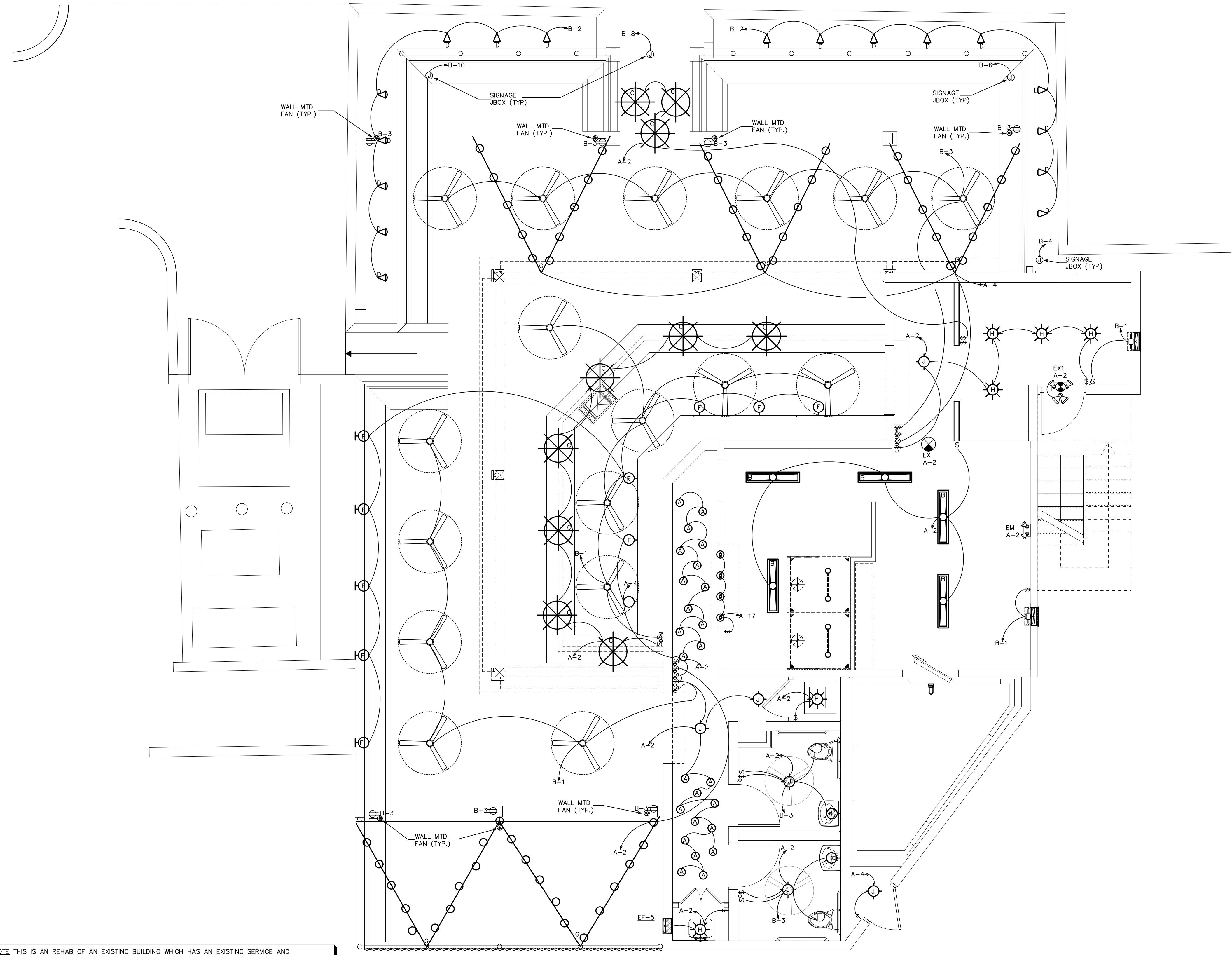
NOTE: F.U. LOAD VALUES BASED ON IPC 2012 - APPENDIX E TABLE E103.3(2)



1 SANITARY AND GREASE WASTE PIPING ISOMETRIC
NO SCALE

P4

LIGHTING FIXTURE SCHEDULE							
LABEL	TYPE OF FIXTURE	FINISH	LENS TYPE	VOLTAGE	LAMP	MANUFACTURER & MODEL NO.	REMARKS
A	CUSTOM HALLWAY LIGHT	WHITE		120	25 W LED	SATCO 90445	
B	SURFACE MTD 1'x4'	SILVER		120	42 W LED	GE EP 14-O-A2-C-V-SLR	
C	BAR PENDANTS	WHITE	BULB	120	11 W LED	PABLO STUDIO PAB502094-SWEL MED WHT/BRA	SELECTED BY OWNER
D	LANDSCAPE PLANTER	BLACK		120	50 W LED	FILAMENT DESIGN CLI-DBM6708	
EM	EMERGENCY EGRESS	WHITE	RED	120	INCLUDED	LITHONIA ELM2	W/ BATTERY BACKUP SELECTED BY OWNER
EX1	EXIT/EMERGENCY EGRESS	WHITE	RED	120	INCLUDED	LITHONIA LHQM-LED-R-HO	W/ BATTERY BACKUP SELECTED BY OWNER
EX	EXIT SIGN	WHITE	RED	120	INCLUDED	LITHONIA LE-SW2R-120/277-ELN	W/ BATTERY BACKUP SELECTED BY OWNER
F	WALL SCONCE	BRONZE	OPEN	120	75 W MAX	CEDAR & MOSS TILT CONE	SELECTED BY OWNER
G	STRING LIGHT	WHITE		120	18 W LED	TEC LIGHTING 700PJFKS935A12S	SELECTED BY OWNER
H	CAGE CEILING LIGHT	BLACK	BULB	120	7 W LED	360 LIGHTING 35G82	SELECTED BY OWNER
J	6" LED DOWNLIGHT	WHITE	OPEN	120	13.4 W LED	LITHONIA WF6 LED-35K-MVOLT MW	SELECTED BY OWNER
K	BATHROOM SCONCE	WHITE	BULB	120	9 W LED	ONEFORTYTHREE DOUBLE SCONCE	SELECTED BY OWNER



ELECTRICAL NOTES:

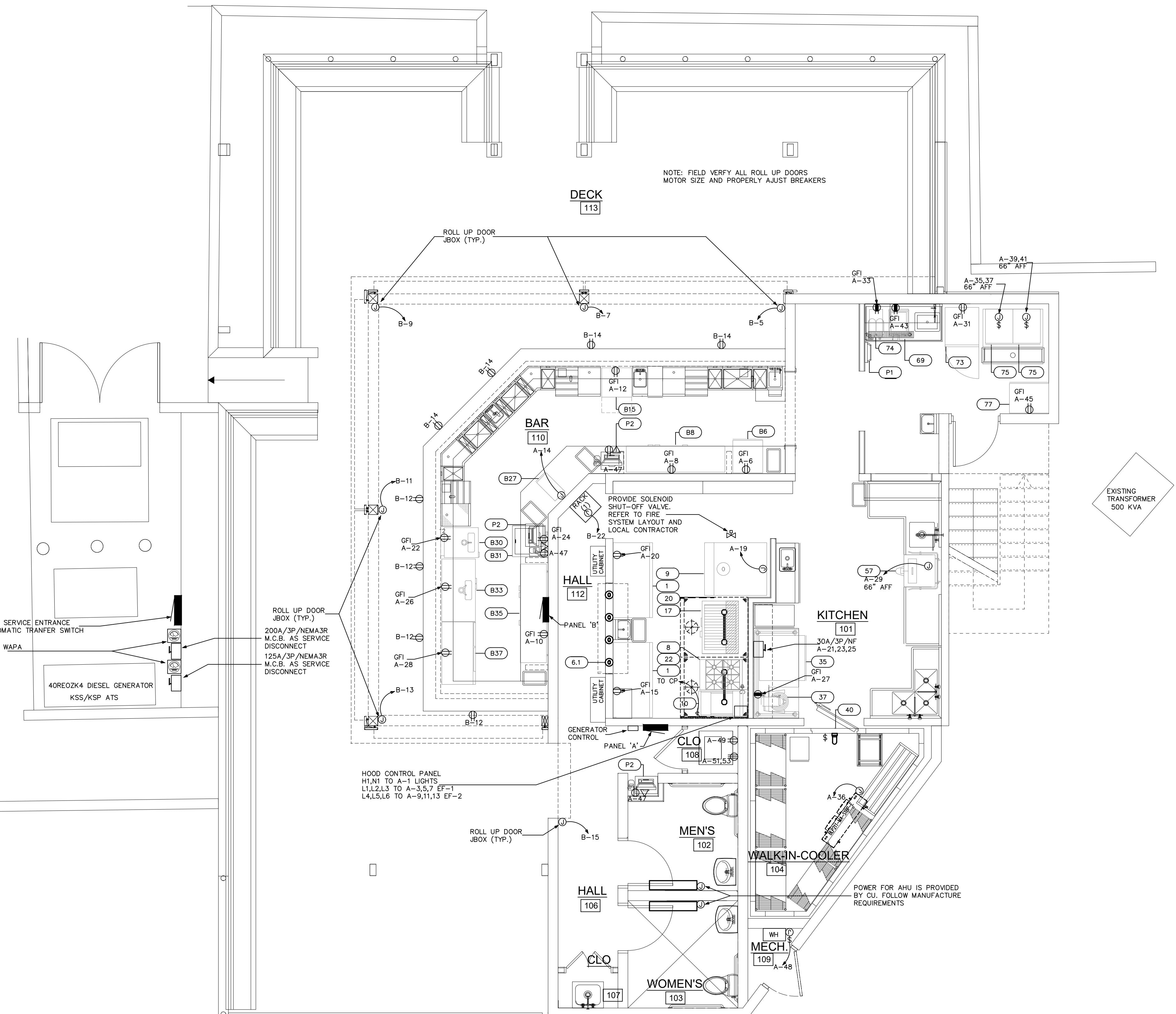
1. GENERAL: ALL WORK SHALL CONFORM TO THE LATEST APPROVED EDITION OF THE NATIONAL ELECTRICAL CODE (NEC) AND ALL LOCAL JURISDICTIONAL CODES.

THE CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE DRAWINGS AND ANY APPLICABLE SPECIFICATIONS. IF A PROBLEM IS ENCOUNTERED IN COMPLYING WITH THIS REQUIREMENT, THE 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 THE OWNER HAS DIRECTED THE CORRECTIVE ACTION TO BE TAKEN.

THE CONTRACTOR SHALL COORDINATE THE PROPOSED LOCATIONS OF ALL ELECTRICAL MATERIALS AND EQUIPMENT WITH THE REPRESENTATIVES OF THE OTHER TRADES INVOLVED BEFORE STARTING INSTALLATION OF THOSE ITEMS.

COORDINATE THE INSTALLATION OF REQUIRED SUPPORTING DEVICES, CONDUIT, AND SLEEVES TO BE SET IN CAST-IN-PLACE CONCRETE AND OTHER STRUCTURAL COMPONENTS, AS THEY ARE CONSTRUCTED.

UNLESS OTHERWISE SPECIFIED ON THE PLANS, ALL SPECS ARE NOT INTENDED TO BE PROPRIETARY, SUBSTITUTIONS WILL BE ACCEPTABLE FOR EQUAL RATED AND LISTED UNITS.
2. SCOPE: EXCEPT WHERE OTHERWISE SPECIFICALLY INDICATED ON THE DRAWINGS BY "FUTURE", "BY OTHERS", OR BY A SIMILAR NOTATION, IT IS THE INTENT THAT THE CONTRACTOR FURNISH ALL LABOR, MATERIALS, EQUIPMENT AND TOOLS NECESSARY TO PROVIDE ALL SYSTEMS IN COMPLETE AND OPERATING CONDITION.
3. EXCAVATE AS NECESSARY FOR THE INSTALLATION OF ELECTRICAL MATERIALS AND EQUIPMENT. VERIFY THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES OR STRUCTURES BEFORE EXCAVATING AND EXERCISE CARE TO AVOID DAMAGE TO SUCH ITEMS DURING EXCAVATION. BACKFILL WITH EARTH FREE OF LARGE CLODS, LARGE STONES AND FOREIGN DEBRIS, DEPOSITED IN 6" LAYERS AND COMPACTED TO A DENSITY OF NOT LESS THAN THAT OF THE SURROUNDING UNDISTURBED MATERIAL.
4. MATERIALS: THE MATERIALS AND EQUIPMENT FURNISHED SHALL BE AS INDICATED ON THE DRAWINGS; SUBSTITUTIONS SHALL NOT BE MADE EXCEPT WHERE EXPRESSLY APPROVED BY THE OWNER OR HIS REPRESENTATIVE PRIOR TO STARTING INSTALLATION OF THE ITEMS. THE ELECTRICAL MATERIALS AND EQUIPMENT FURNISHED SHALL BE LISTED OR LABELED BY UNDERWRITERS LABORATORIES OR OTHER RECOGNIZED TESTING ORGANIZATION, AND SHALL BE ACCEPTABLE TO THE LOCAL BUILDING AUTHORITY.
5. GROUNDING: GROUNDING SHALL BE IN ACCORDANCE WITH ARTICLE 250, NEC.
6. SHARED NEUTRAL CONDUCTORS SHALL NOT BE ALLOWED UNLESS INSTALLED IN ACCORDANCE WITH NEC-210.4
7. CONDUITS INSTALLED UNDERGROUND SHALL BE POLYVINYLCHLORIDE (PVC) AND SHALL NOT BE SMALLER THAN 3/4" TRADE SIZE. WHERE PVC CONDUIT IS INSTALLED UNDERGROUND, ELBOWS TURNING UP AND CONDUIT EMERGING ABOVE GRADE SHALL BE RSC. THE TOPS OF CONDUITS SHALL NOT BE LESS THAN 24" BELOW FINISHED GRADE. PVC CONDUIT INSTALLED ABOVE GRADE OR DIRECT-BURIED IN EARTH SHALL BE NEMA TC2 TYPE EPC-40-PVC (SCHEDULE 40) EXCEPT THAT WHERE UNDER AREAS SUBJECT TO HEAVY VEHICULAR TRAFFIC, IT SHALL BE NEMA TC2 TYPE EPC-80-PVC (SCHEDULE 80).
8. CONDUCTORS: CONDUCTORS SHALL BE AS SCHEDULED ON PANEL SCHEDULES. ALL POWER CONDUCTORS SHALL NOT BE SMALLER THAN #14 AWG (CU), OR #12 AWG (AL), CONTROL CIRCUIT CONDUCTORS SHALL NOT BE SMALLER THAN #18 AWG CU. CONDUCTORS SHALL BE CONTINUOUS FROM OUTLET TO OUTLET WITHOUT SPLICES EXCEPT WITHIN WIREWAY OR JUNCTION BOXES. MARK CONDUCTORS IN PANELS, PULL BOXES OR WIREWAYS AND TERMINAL STRIP TERMINALS FOR IDENTIFICATION OF CIRCUITS.
9. CONDUCTORS SHALL BE JOINED USING COMPRESSION SPLICES, EXCEPT THAT CONDUCTORS #10 AND SMALLER MAY BE JOINED USING WIRE NUT TYPE CONNECTORS. CONDUCTORS SHALL BE TERMINATED USING COMPRESSION OR PRESSURE TYPE TERMINAL LUGS, OR IN PRESSURE TERMINALS. COMPRESSION SPLICES USED ON CONDUCTORS #10 AWG. AND SMALLER, SHALL BE THE SELF-INSULATED TYPE; OTHER SPLICES SHALL BE INSULATED USING 3M #33+ OR #88 PLASTIC TAPE. SPLICES IN WET LOCATIONS SHALL BE INSULATED WITH ELECTRICAL TAPE AND ENCAPSULATED WITH SCOTCHCAST OR EQUAL POTTING COMPOUND.
10. PROVIDE AND INSTALL JUNCTION AND PULL BOXES WHERE INDICATED AND WHERE NECESSARY TO TERMINATE, TAP OFF, OR REDIRECT MULTIPLE CONDUIT RUNS, OF SIZE INDICATED OR AS REQUIRED BY NEC. WHERE FEEDER SPLICES ARE TO BE MADE, INSTALL BOXES LARGE ENOUGH TO PROVIDE AMPLE WORK SPACE.
11. LIGHTING FIXTURES: LIGHTING FIXTURES SHALL BE AS INDICATED ON THE DRAWINGS, AND SHALL BE INSTALLED COMPLETE WITH LAMPS FIXTURES WITH ADJUSTMENTS AFFECTING LIGHT DISTRIBUTION SHALL BE SET TO PROVIDE THE REQUIRED LIGHT PATTERNS PRIOR TO THE FINAL DEMONSTRATION TEST.
12. TESTS: AFTER EACH SYSTEM HAS BEEN COMPLETED, A FUNCTIONAL TEST SHALL BE PERFORMED TO DEMONSTRATE THAT THE SYSTEM OPERATES IN ACCORDANCE WITH THE REQUIREMENTS OF THE DRAWINGS. THE TEST SHALL BE PERFORMED BY THE CONTRACTOR IN THE PRESENCE OF THE OWNER OR HIS REPRESENTATIVE.
13. TERMINALS: ALL ELECTRICAL EQUIPMENT FURNISHED ON THIS PROJECT IS TO HAVE TERMINALS RATED FOR 75° C. OPERATION.



NOTE THIS IS AN REHAB OF AN EXISTING BUILDING WHICH HAS AN EXISTING SERVICE AND DISTRIBUTION EQUIPMENT. ALTERATIONS TO EXISTING BUILDING BEING OF SUCH NATURE THAT ALL FACETS OF THE WORK ARE IMPOSSIBLE TO DETAIL AND SPECIFY. IT IS THEREFORE SPECIFICALLY RESPONSIBILITY OF THE CONTRACTOR TO CAREFULLY EXAMINE THE EXISTING BUILDING AND FAMILIARIZE HIMSELF WITH THE CONDITIONS AND RELATE THESE CONDITIONS TO THE SCOPE OF THE PROPOSED NEW WORK. ALL BIDS ARE EXPECTED TO ENCOMPASS THE TOTAL WORK SCOPE NEEDED TO PLACE THE COMPLETED ELECTRICAL SYSTEMS IN WORKING CONDITION TO THE EXTENT OF THE PLANS.

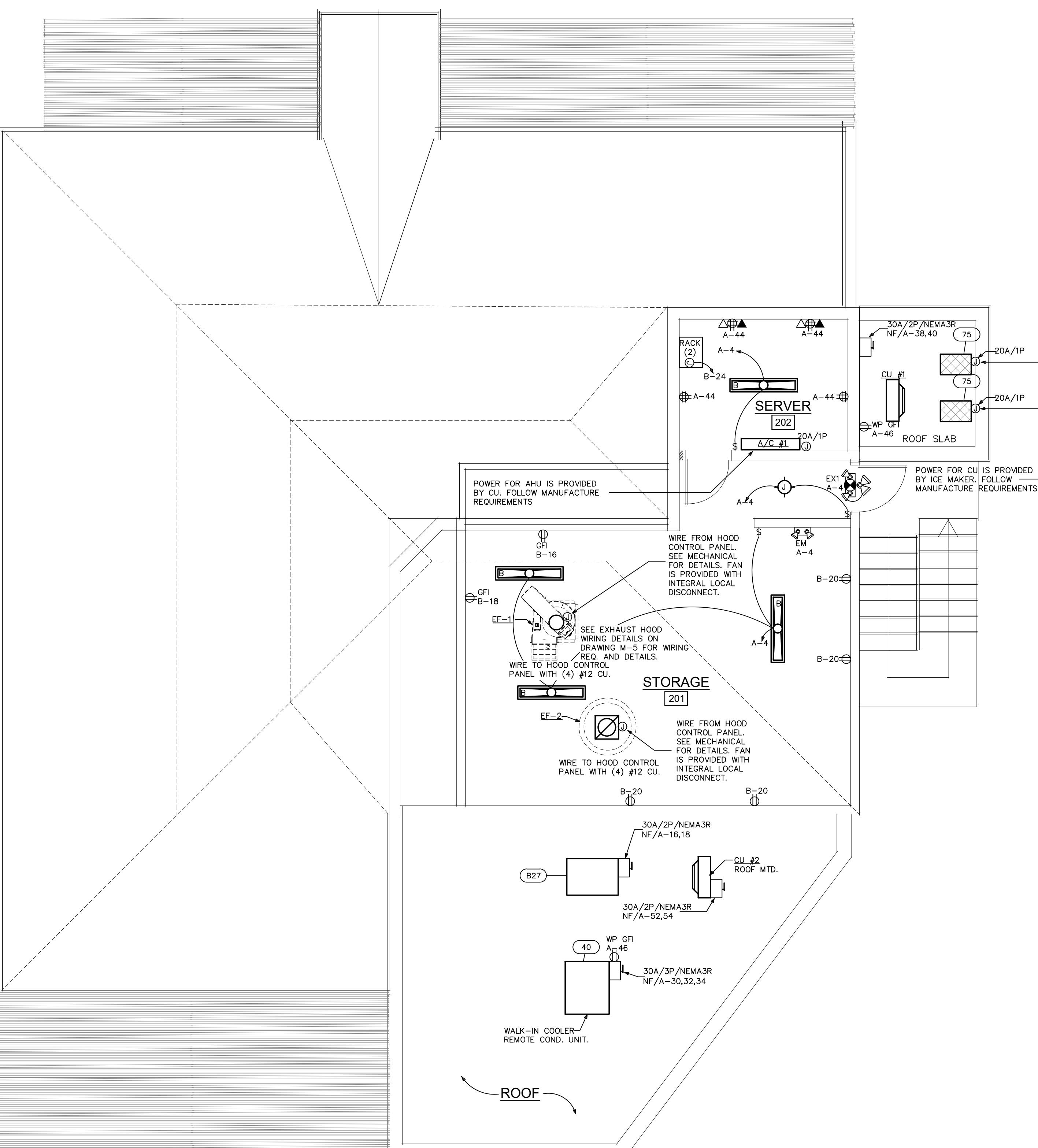
1 FLOOR PLAN - POWER

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

E2

##	BKR.	WIRE AND CONDUIT					LOAD DESCRIPTION		NEUT.	LINE A	LINE B	LINE C	LOAD DESCRIPTION		WIRE AND CONDUIT					BKR.
		COND.	NEUTRAL	GND	C.	KEYS									KEYS	C.	GND	NEUTRAL	COND.	
1	15/1	#12	#12	#12	1/2	CHAL	HOOD LIGHTS H1, N1		1800	1800	-----	-----	LIGHTS BY OWNER		CHAL	1/2	#12	#12	#12	20/1
3									1702	1702	-----	-----	LIGHTS BY OWNER		CHAL	1/2	#12	#12	#12	20/1
5	15/3	#12	---	#12	1/2	CHAL	HOOD EXHAUST FAN #1		0	528	-----	-----	ICE FLAKER WITH BIN		CHAL	1/2	#12	#12	#12	15/1
7									1560	1560	-----	-----	BACK BAR CAB REFRIDGATED		CHAL	1/2	#12	#12	#12	15/1
9									828	828	-----	-----	BACK BAR CAB REFRIDGATED		CHAL	1/2	#12	#12	#12	15/1
11	15/3	#12	---	#12	1/2	CHAL	HOOD EXHAUST FAN #2		0	528	-----	-----	DISHWASHER		CHAL	1/2	#12	#12	#12	20/1
13									600	600	-----	-----	FROZEN DRINK MACHINE		CHAL	1/2	#12	#12	#12	20/1
15	15/1	#12	#12	#12	1/2	CHAL	PIZZA PREP FRIDGE		1920	1920	-----	-----	DRINK REMOTE CONDENSING		CHAL	1/2	#10	---	#10	30/2
17	20/1	#12	#12	#12	1/2	CHAL	DECORATIVE LAMPS		0	312	-----	-----	PIZZA PREP FRIDGE		CHAL	1/2	#12	#12	#12	15/1
19	15/1	#12	#12	#12	1/2	CHAL	STONE HEARTH OVEN		1564	564	-----	-----	DRAFT BEER COOLER		CHAL	1/2	#12	#12	#12	15/1
21									0	2288	-----	-----	GLASS AND PLATE CHILLER		CHAL	1/2	#12	#12	#12	15/1
23	25/3	#10	---	#10	1/2	CHAL	CONVECTION OVEN		1500	0	-----	-----	DRAFT BEER COOLER		CHAL	1/2	#12	#12	#12	15/1
25									240	240	-----	-----	BACK BAR CAB REFRIDGERATE		CHAL	1/2	#12	#12	#12	15/1
27	15/1	#12	#12	#12	1/2	CHAL	PLANETARY MIXER		0	2976	480	-----	COOLER REMOTE CONDENSER		CHAL	1/2	#12	---	#12	15/3
29	20/1	#12	#12	#12	1/2	CHAL	DISHWASHER		480	0	2976	840	EVAPORATOR		CHAL	1/2	#12	#12	#12	15/1
31	15/1	#12	#12	#12	1/2	CHAL	REFRIDGERATED MERCHANDISE		840	0	2976	888	CONDENSING UNIT #1		CHAL	1/2	#12	---	#12	15/2
33	15/1	#12	#12	#12	1/2	CHAL	TEA BREWER		0	720	600	-----	CONDENSING UNIT #2		CHAL	1/2	#12	---	#12	15/2
35	15/2	#12	---	#12	1/2	CHAL	ICE CUBER		384	384	-----	-----	PADDLE FANS		CHAL	1/2	#12	#12	#12	20/1
37									0	1092	1092	-----	SERVER RECEPTACLE		CHAL	1/2	#12	#12	#12	20/1
39	15/2	#12	---	#12	1/2	CHAL	ICE CUBER		1680	0	1680	0	SERVICE RECEPTACLE		CHAL	1/2	#12	#12	#12	20/1
41									0	770	759	-----	TANKLESS WATER HEATER		CHAL	1/2	#14	#14	#14	15/1
43	15/1	#14	#14	#14	1/2	CHAL	ESPRESSO, CAPPUCCINO		0	770	759	-----	WALK IN COOLER LIGHT		CHAL	1/2	#14	#14	#14	15/1
45	15/1	#14	#14	#14	1/2	CHAL	ELECTRICAL JUICER		1800	0	770	1800	CONDENSING UNIT #1		CHAL	1/2	#14	#14	#14	15/1
47									1800	1800	-----	-----	CONDENSING UNIT #2		CHAL	1/2	#14	---	#14	20/2
49	15/1	#14	#14	#14	1/2	CHAL	WASHING MACHINE		900	900	-----	-----	PEAK PHASE (A) UNBALANCED NEUTRAL LOAD AMPS =							
51									290	290	-----	-----	NON DIVERSIFIED LOAD AT 208 VOLT, THREE PHASE =							
53	30/2	#10	---	#14	1/2	CHAL	DRYER		360	360	-----	0	173.8 AMPS							
									480	480	-----	480								
									600	600	-----	-----								
									1440	1440	-----	-----								
									0	3120	1297	-----								
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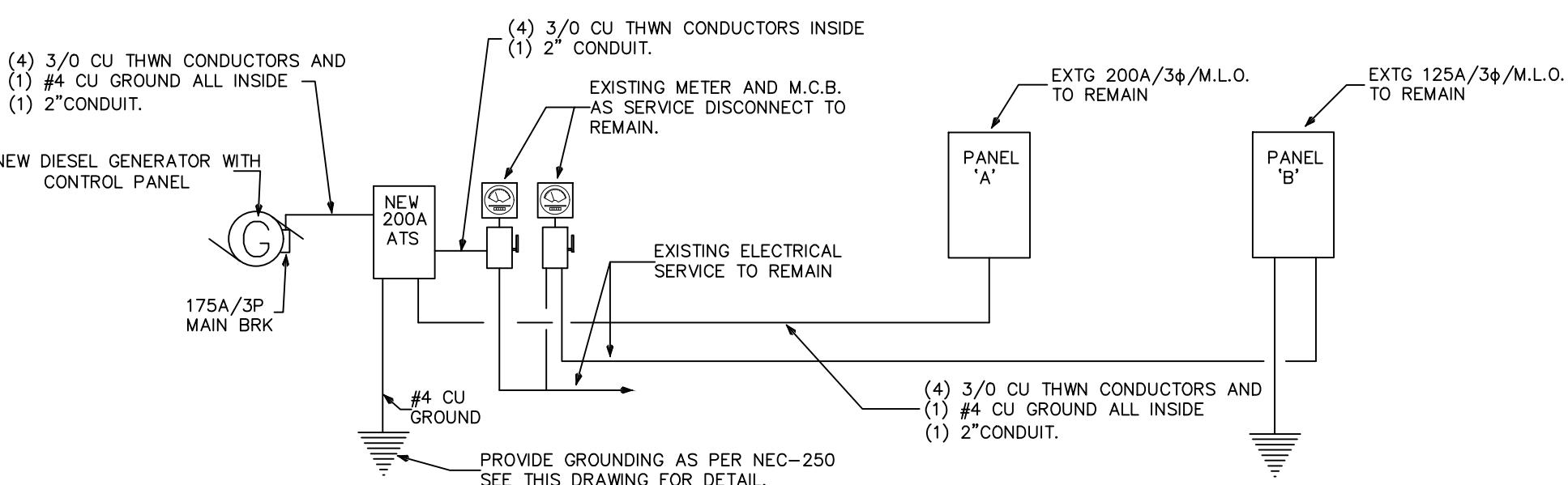
PANEL A DIVERSIFICATION CALCULATIONS



3 GROUNDING DETAIL

STANDBY EMERGENCY GENERATOR SHALL BE EQUAL TO A "KOHLER" MODEL 40REOZK4 DIESEL POWERED GENERATOR. 40KW/50KVA/139 AMPS AT 208 VOLT, THREE PHASE POWER. GENERATOR MEETS TIER 4 FINAL COMPLIANCE. PROVIDE WEATHERPROOF LOCKABLE HOUSING AND CRITICAL QUIET MUFFLER. PROVIDE A BELL FUEL TANK WITH DOUBLE WALL CONSTRUCTION AND FUEL CAPACITY FOR 2 DAY MINIMUM RUN TIME.

NOTE THIS IS AN REHAB OF AN EXISTING BUILDING WHICH HAS AN EXISTING SERVICE AND DISTRIBUTION EQUIPMENT. ALTERATIONS TO EXISTING BUILDING BEING OF SUCH NATURE THAT ALL FACETS OF THE WORK ARE IMPOSSIBLE TO DETAIL AND SPECIFY. IT IS THEREFORE SPECIFICALLY THE RESPONSIBILITY OF THE CONTRACTOR TO CAREFULLY EXAMINE THE EXISTING BUILDING AND FAMILIARIZE HIMSELF WITH THE CONDITIONS AND RELATE THESE CONDITIONS TO THE SCOPE OF THE PROPOSED NEW WORK. ALL BIDS ARE EXPECTED TO ENCOMPASS THE TOTAL WORK SCOPE NEEDED TO PLACE THE COMPLETED ELECTRICAL SYSTEMS IN WORKING CONDITION TO THE EXTENT OF THE PLANS



2 EXISTING ELECTRICAL SERVICE RISER

NO SCALE:

1 STOR. LOFT PLAN - ELECTRICAL

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

E3

EQUIPMENT SCHEDULE																				
ITEMNO	QUANTITY	CATEGORY	MFR	MODEL	ELECTRICAL						PLUMBING								EQUIPMENT REMARKS	
					VOLTAGE	PHASE	AMPS	CYCLE	HP	KW	CONNECTIONTYPE	NEMA	ELECTRICAL CONNECTION HEIGHT	COLD WATER (IN)	COLD WATER CONN. HEIGHT (IN)	HOT WATER (IN)	HOT WATER CONN. HEIGHT (IN)	INDIRECT WASTE SIZE	DIRECT WASTE SIZE	
3	6	PIZZA PREPARATION REFRIGERATOR	DEI FIELD	1860PFTBMP	115	1	4.7	60	1/4		CORD & PLUG	5-15P	18"							
5	1	SHELVING, WALL-MOUNTED	ADVANCE TABCO	WS-15-24																WALL BACKING REQUIRED 48" - 96" AFF.
6	1	SHELVING, WALL-MOUNTED	CUSTOM	6" SHELVING																WALL BACKING REQUIRED 24" - 48" AFF.
6.1	4	PASS-THRU SHELF	ADVANCE TABCO	PA-24-72																MOUNTED ON 52" WALL
7	1	DECORATIVE LAMP	HATCO	DLA-400-RR	120	1		60		.375	DIRECT		CEILING							MOUNTED FROM CEILING
8	1	HAND SINK	KROWNE	HS-15																
9	1	RANGE, 24", 4 OPEN BURNERS	VULCAN	24S-4B																WALL BACKING REQUIRED 24" - 48" AFF.
	1	STONE HEARTH OVEN, GAS & WOOD	WOOD STONE	WS-BL-434-RFG-W	120	1	2	60			DIRECT		24"							
	1	EXHAUST FAN	WOOD STONE	WS-GSV-012							SUBMITTAL		SUBMITTAL							
10	1	GAS FLOOR FRYER	DEAN	SR162G																WALL BACKING REQUIRED 48" - 96" AFF.
17	1	CHARBROILER, WOOD BURNING	AZTEC GRILL	ST-42																WALL BACKING REQUIRED 24" - 48" AFF.
20	1	EXHAUST HOOD	CAPTIVE-AIRE	EXHAUST HOOD							SUBMITTAL		SUBMITTAL							LOCATION OF FANS TO BE DETERMINED BY MECHANICAL ENGINEER.
22	1	EXHAUST HOOD	CAPTIVE-AIRE	EXHAUST HOOD							SUBMITTAL		SUBMITTAL							INTERCONNECTING WIRING TO BE COMPLETED BY ELECTRICAL CONTRACTOR. SEE EXHAUST HOOD SUBMITTAL FOR SPECIFICATIONS AND DETAILS
24	10	SHELVING, WALL-MOUNTED	CUSTOM	SHELVING, WALL-MOUNTED																LOCATION OF FANS TO BE DETERMINED BY MECHANICAL ENGINEER.
27	1	WORK TABLE, 48", STAINLESS STEEL TOP	JOHN BOOS	FBL-S4818-X																INTERCONNECTING WIRING TO BE COMPLETED BY ELECTRICAL CONTRACTOR. SEE EXHAUST HOOD SUBMITTAL FOR SPECIFICATIONS AND DETAILS
27.1	1	DROP-IN SINK	ADVANCE TABCO	DI-1-10-X																LOCATION OF FANS TO BE DETERMINED BY MECHANICAL ENGINEER.
28	1	WIRE SHELVING	OLYMPIC	1148K																INTERCONNECTING WIRING TO BE COMPLETED BY ELECTRICAL CONTRACTOR. SEE EXHAUST HOOD SUBMITTAL FOR SPECIFICATIONS AND DETAILS
30	1	SHELVING, WALL-MOUNTED	CUSTOM	WALL SHELF																LOCATION OF FANS TO BE DETERMINED BY MECHANICAL ENGINEER.
31	2	SHELVING, WALL-MOUNTED	ADVANCE TABCO	WS-15-48																INTERCONNECTING WIRING TO BE COMPLETED BY ELECTRICAL CONTRACTOR. SEE EXHAUST HOOD SUBMITTAL FOR SPECIFICATIONS AND DETAILS
32	1	WORK TABLE, BAKERS TOP	ADVANCE TABCO	WS-15-60																LOCATION OF FANS TO BE DETERMINED BY MECHANICAL ENGINEER.
34	1	WORK TABLE	JOHN BOOS	DNB15																INTERCONNECTING WIRING TO BE COMPLETED BY ELECTRICAL CONTRACTOR. SEE EXHAUST HOOD SUBMITTAL FOR SPECIFICATIONS AND DETAILS
35	1	CONVECTION OVEN, ELECTRIC	SOUTHERN IND	TVE510SC	208	3	20.8	50/60	1/2	7.5	DIRECT	CORD & PLUG	5-15P	18"						LOCATION OF FANS TO BE DETERMINED BY MECHANICAL ENGINEER.
37	1	PLANETARY MIXER	GLOBE	SP20	115	1	6.0	60	1/2	7.5	CORD & PLUG	5-15P	48"							INTERCONNECTING WIRING TO BE COMPLETED BY ELECTRICAL CONTRACTOR. SEE EXHAUST HOOD SUBMITTAL FOR SPECIFICATIONS AND DETAILS
40	1	WALK-IN COOLER	BALLY	WALK-IN COOLER							SUBMITTAL		SUBMITTAL							LOCATION OF REMOTE CONDENSER TO BE DETERMINED BY ENGINEERING / SEE WALK-IN SUBMITTALS FOR SPECIFICATIONS AND DETAILS
41	2	WIRE SHELVING	OLYMPIC	J2448K																
42	1	WIRE SHELVING	OLYMPIC	J2442K																
43	1	WIRE SHELVING	OLYMPIC	J2446K																
44	1	STEAM TABLE, FOOD PAN RACK	CHANNEL	LPNS-19																
45	1	BUN / SHEET PAN RACK	ADVANCE TABCO	PR20-3W																
46	1	DUNAGAGE RACK	NEW AGE	2003																
47	1	DRINKING FOUNTAIN	OLYMPIC	J242K																
50	1	CORNER SINK, (3) THREE COMPARTMENT	ADVANCE TABCO	FC-K6-18D-X																
50.1	2	WALL / SPLASH MOUNT FAUCET	KROWNE	14-814L																WALL BACKING REQUIRED 24" - 48" AFF.
52	1	WIRE SHELVING	OLYMPIC	J1860K																WALL BACKING REQUIRED 48" - 96" AFF.
53	1	WIRE SHELVING	OLYMPIC	J1864K																WALL BACKING REQUIRED 48" - 96" AFF.
56	1	SOLID DISHTABLE	ADVANCE TABCO	DTS-K60-40L																WALL BACKING REQUIRED 24" - 48" AFF.
57	1	PRE-RINSE FAUCET ASSEMBLY	T&S BRASS	B-0133																
58	1	DISHWASHER, DOOR TYPE	CMA DISHWACHINES	AH	115	1	16.0	60	1		DIRECT		66"							BY LEASE / VERIFY SPECIFICATIONS
59	1	CORNER SINK	ADVANCE TABCO	DT-C-18D-X																WALL BACKING REQUIRED 24" - 48" AFF.
60	4	WIRE SHELVING	OLYMPIC	J1848K																WALL BACKING REQUIRED 48" - 96" AFF.
61	1	DISHTABLE SORTING SHELF	ADVANCE TABCO	DT-6R-13-X																WALL BACKING REQUIRED 48" - 96" AFF.
62	1	DISHTABLE SORTING SHELF	ADVANCE TABCO	DT-6R-12-X																WALL BACKING REQUIRED 48" - 96" AFF.
64	1	PASS-THRU SHELF	ADVANCE TABCO	PA-14-48																WALL BACKING REQUIRED 24" - 48" AFF.
65	1	HAND SINK	KROWNE	HS-15																WALL BACKING REQUIRED 24" - 48" AFF.
69	1	ESPRESSO CAPPUCCINO MACHINE	NUOVA SIMONELLI	APIA II 1GR SEMI	110	1	15	60	1.5		CORD & PLUG	5-15P	52"	3/8"	50"					BY VENDOR / VERIFY SPECIFICATIONS
70	1	BEVERAGE TABLE	CUSTOM	BEVERAGE TABLE																WALL BACKING REQUIRED 24" - 48" AFF.
70.1	1	DRINKING FOUNTAIN	KROWNE	14-814L																
71	1	SHELVING, WALL-MOUNTED	ADVANCE TABCO	WS-15-36																WALL BACKING REQUIRED 48" - 96" AFF.
71.1	1	SHELVING, WALL-MOUNTED	ADVANCE TABCO	WS-15-40																WALL BACKING REQUIRED 48" - 96" AFF.
72	1	FAUCET, KETTLE / POT FILLER	T&S BRASS	B-0601																WALL BACKING REQUIRED 48" - 96" AFF.
73	1	REFRIGERATOR, MERCHANDISER	SATURN	FBBG23-B	115	1	3.2	60	1/6		CORD & PLUG	5-15P	18"							BY OTHERS / VERIFY SPECIFICATIONS
7																				