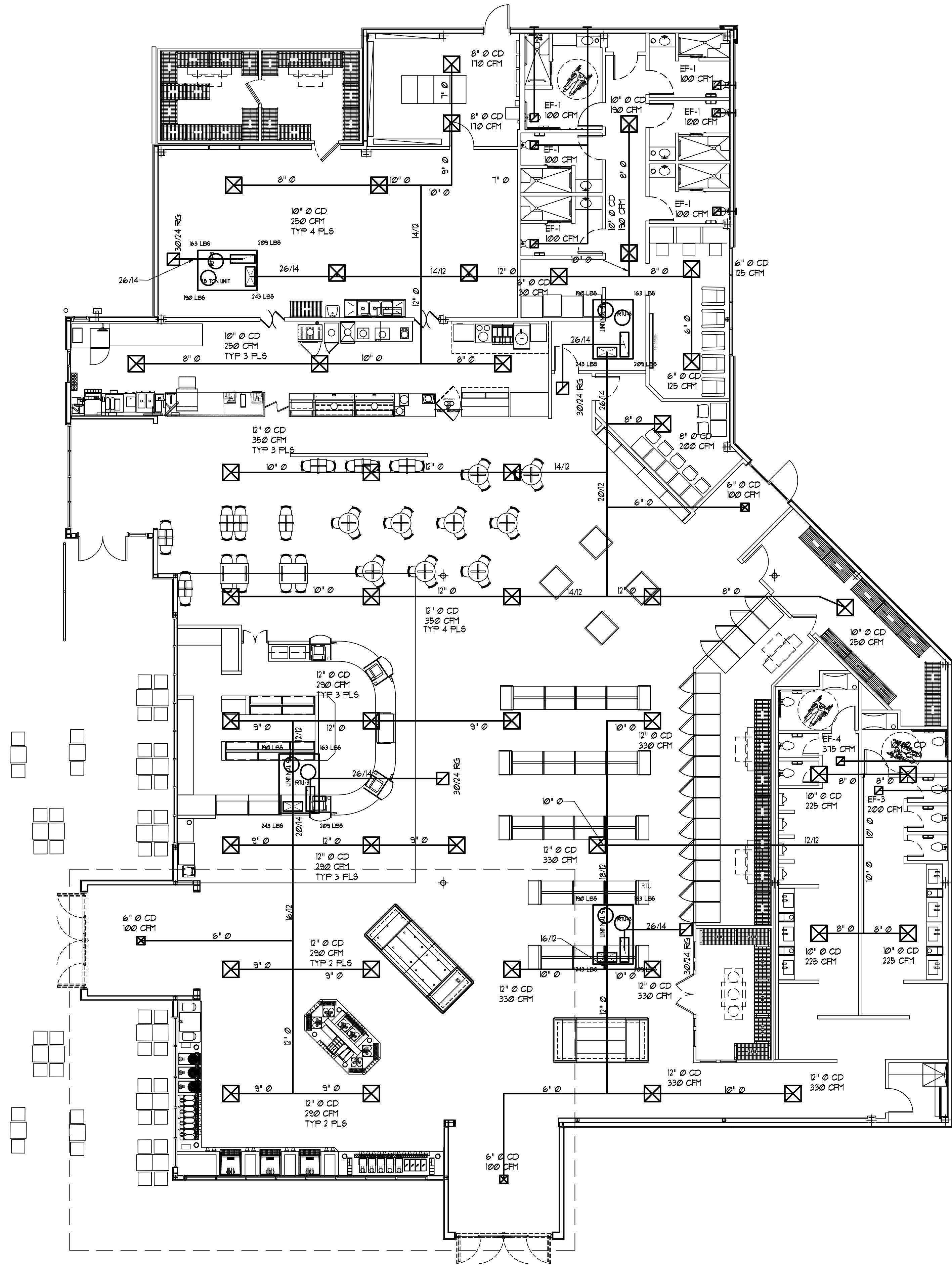
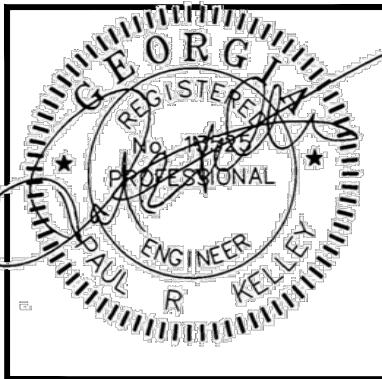




FLOOR PLAN- HEATING, VENTILATING, AND AIR CONDITIONING LAYOUT
SCALE: 1/8" = 1'-0"

PRK Services, LLC



SHEET TITLE

REVISIONS

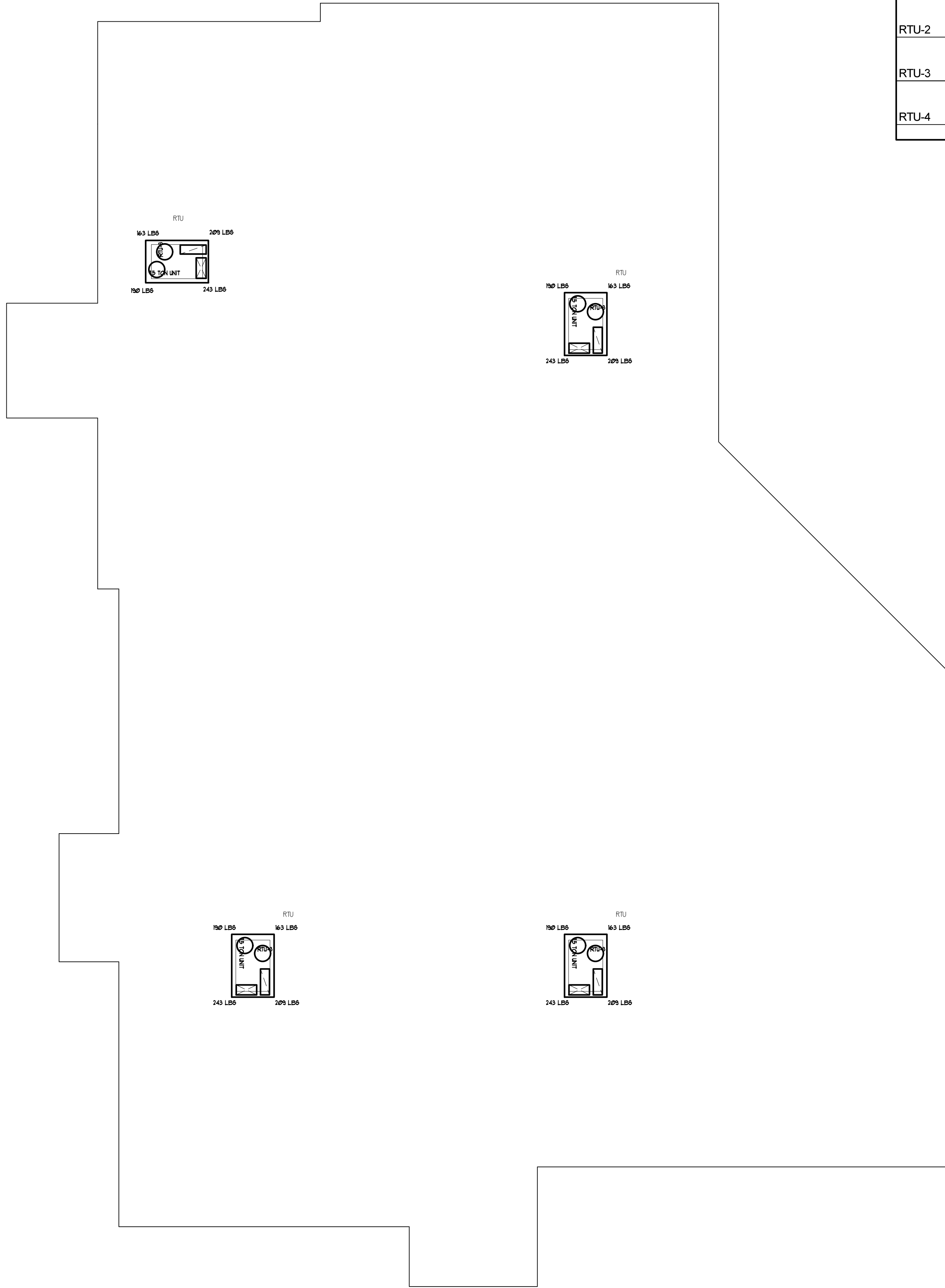
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JOB TITLE

PERLIS TRUCK STOP RENOVATION
391 ROCKHOUSE ROAD E
CORDELE, GEORGIA 31015

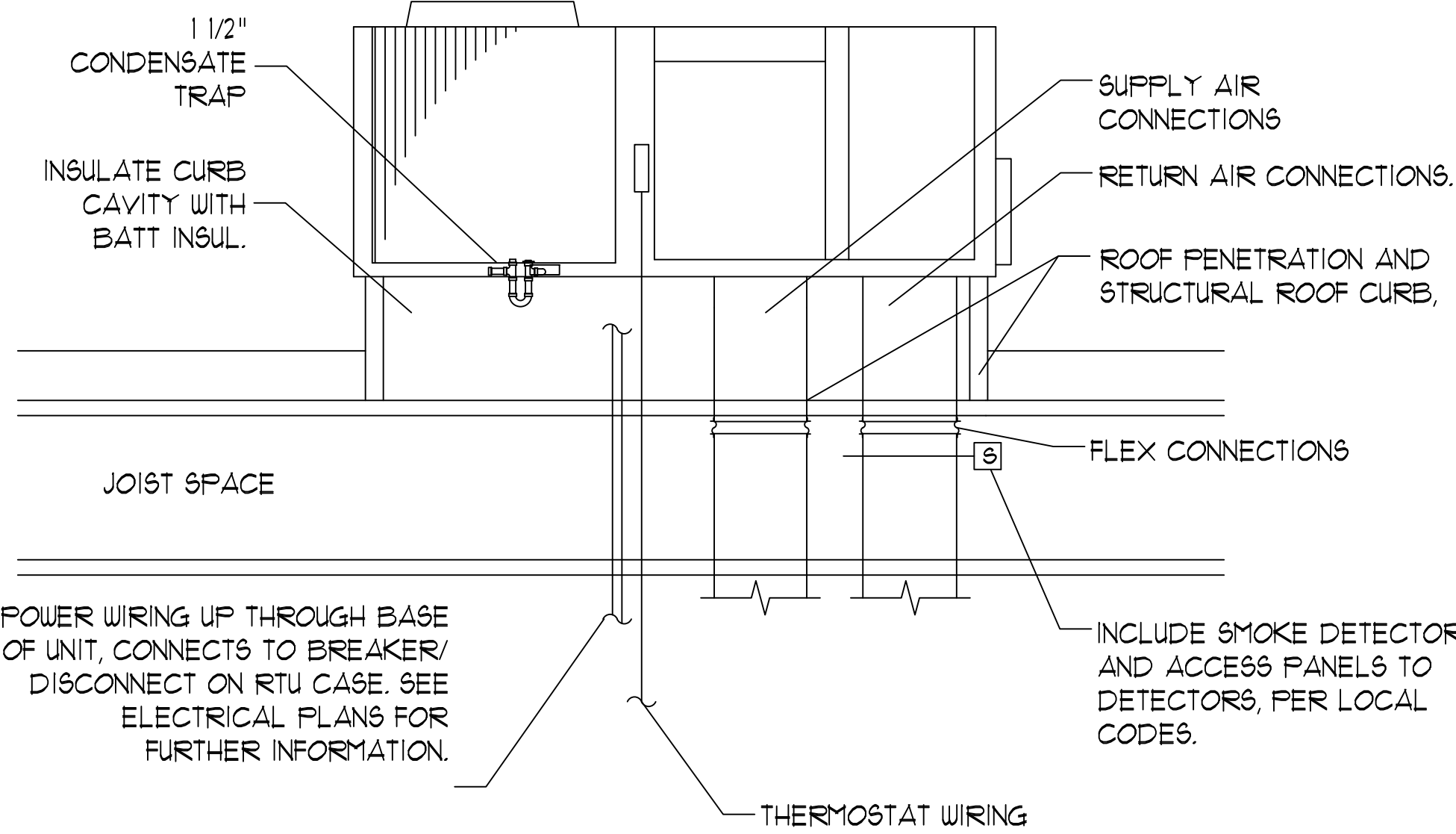
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M-100

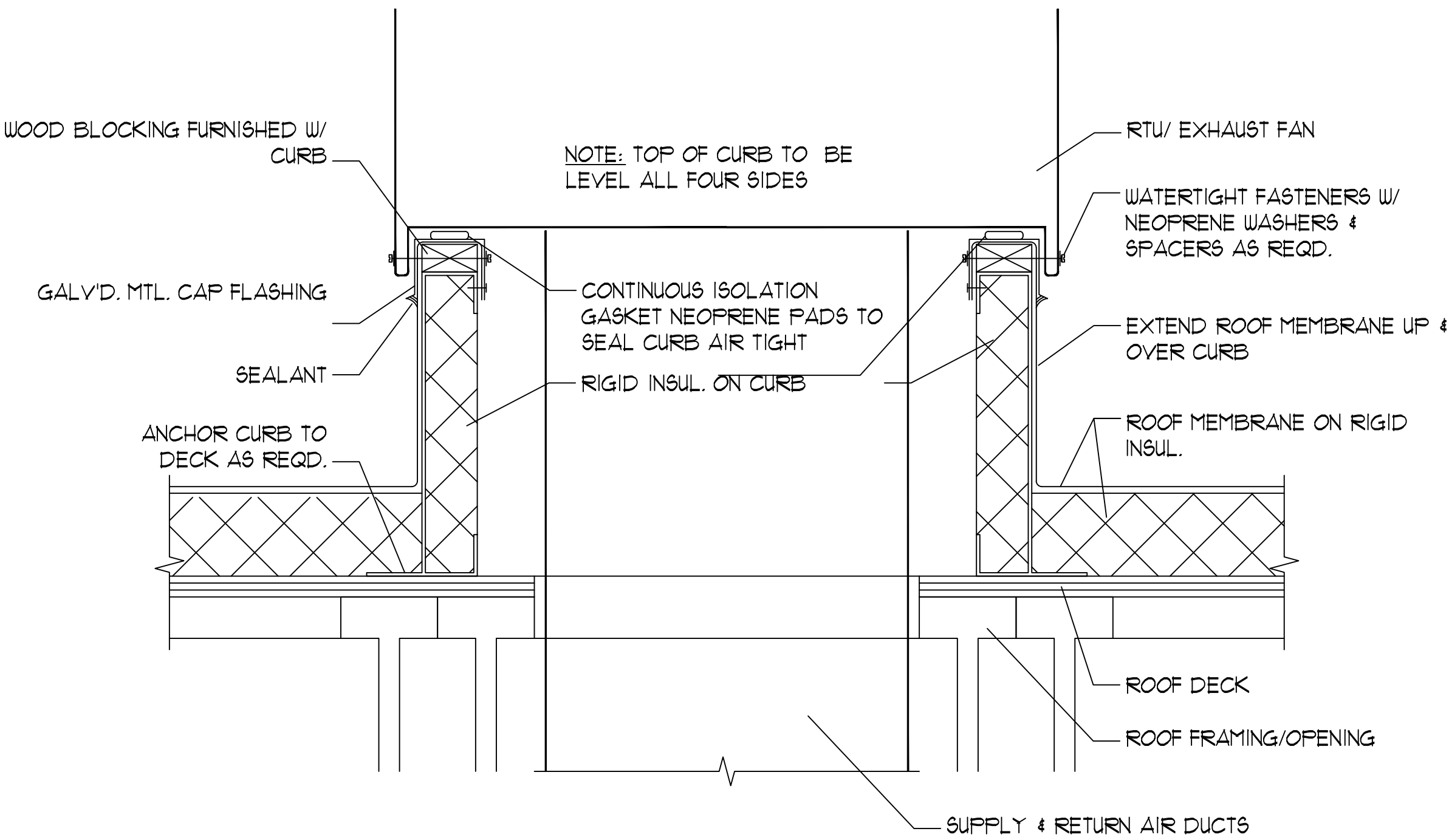


ROOF PLAN - HEATING, VENTILATING, AND AIR CONDITIONING LAYOUT
SCALE: 1/8" = 1'-0"

HEATING VENTILATING AND AIR CONDITIONING UNIT SCHEDULE											REMARKS
MARK	NOMINAL SIZE - TONS	MANUFACTURER	MODEL NUMBER	CFM	COOLING CAP BTUH	HEATING CAP BTUH	OA CFM	VOLTS	PH	HZ	
RTU-2	7.5	CARRIER	50FCQM08A2A5-0A0A0	3,000	86,000	83,000	150	208	3	60	PACKAGED HORIZONTAL DISCHARGE HEAT PUMP UNIT WITH CURB WITH 16 KW STRIP HEAT
RTU-2	7.5	CARRIER	50FCQM08A2A5-0A0A0	3,000	86,000	83,000	150	208	3	60	PACKAGED HORIZONTAL DISCHARGE HEAT PUMP UNIT WITH CURB WITH 16 KW STRIP HEAT
RTU-3	7.5	CARRIER	50FCQM08A2A5-0A0A0	3,000	86,000	83,000	150	208	3	60	PACKAGED HORIZONTAL DISCHARGE HEAT PUMP UNIT WITH CURB WITH 16 KW STRIP HEAT
RTU-4	7.5	CARRIER	50FCQM08A2A5-0A0A0	3,000	86,000	83,000	150	208	3	60	PACKAGED HORIZONTAL DISCHARGE HEAT PUMP UNIT WITH CURB WITH 16 KW STRIP HEAT

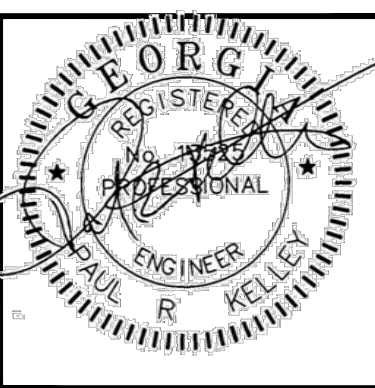


1 ROOFTOP UNIT DETAIL
M200



2 ROOF OPENING / CURB DETAIL
M200

PRK Services, LLC



1245 Riney Rd
Macon, GA 31220
(478)474-8794 ph

SHEET TITLE

REVISIONS

NO.	DESCRIPTION

JOB TITLE

PERLIS TRUCK STOP RENOVATION
391 ROCKHOUSE ROAD E
CORDELE, GEORGIA 31015

Drawn MFK	Proj. no. 2351
Checked PRK	Date 05/10/2023

Sheet Number

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GENERAL MECHANICAL NOTES:

1. BOTH THE HVAC CONTRACTOR AND THE INSTALLING MECHANIC SHALL NOTE THAT THE IMC IS BY STATUTORY INCLUSION A PART OF THE LAWS OF THE STATE, AS LICENSED CONTRACTORS THEY BEAR PRIME RESPONSIBILITY TO COMPLY WITH IT EVEN WHEN PLANS OR SPECIFICATIONS MIGHT UNKNOWNLY DENOTE AN APPARENT VIOLATION. THIS SHOULD BE OBSERVED CAREFULLY AND CONTINUOUSLY PARTICULARLY DURING ESTIMATING FOR PROPOSAL. ANY DISCREPANCIES SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR RESOLUTION PRIOR TO BIDDING. BY SUBMISSION OF THE BID, THE CONTRACTOR/SUBCONTRACTOR SHALL ACKNOWLEDGE ACCEPTANCE OF THESE DOCUMENTS AS AN ADEQUATE REFLECTION OF THE SCOPE OF WORK AND EXTRA COST CLAIMS BASED ON INADEQUACIES OF THESE DOCUMENTS SHALL NOT BE CONSIDERED.
2. FURNISH AND INSTALL ALL NECESSARY LABOR AND MATERIALS FOR A COMPLETE SYSTEM. ANY APPLIANCES, MATERIALS, FITTINGS OR ACCESSORIES OBVIOUSLY A PART OF THE SYSTEM AND NECESSARY FOR ITS PROPER OPERATION, ALTHOUGH NOT SPECIFICALLY MENTIONED HEREIN, SHALL BE FURNISHED AND INSTALLED AS IF CALLED FOR IN DETAIL.
3. WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH ALL STATE AND LOCAL CODES, AND STANDARD 90A. MEET ALL OSHA GUIDELINES.
4. ATTAIN AND PAY FOR ALL REQUIRED PERMITS AND FEES.
5. INSTALL DUCTS, EQUIPMENT, AND CONTROLS IN A NEAT WORKMANLIKE MANNER, AND IN ACCORDANCE WITH GOOD PRACTICE FOR A COMPLETE WORKABLE INSTALLATION. AVOID CONFLICT WITH OTHER WORK; MAKE ADEQUATE PROVISIONS FOR PREVENTING NOISE AND VIBRATION. ARRANGE EQUIPMENT INTO THE AVAILABLE SPACE IN A MANNER TO MAKE ALL WORKING PARTS ACCESSIBLE FOR MAINTENANCE AND SERVICE.
6. ALL EQUIPMENT LOCATIONS SHOWN ON DRAWINGS ARE APPROXIMATE ONLY. DO NOT INSTALL EQUIPMENT IN LOCATIONS WHICH DO NOT PROVIDE ADEQUATE MANUFACTURER'S SUGGESTED CLEARANCES. IF ACTUAL EQUIPMENT LOCATION DIFFERS FROM THAT SHOWN, THEN MODIFY DUCTWORK/PIPING ACCORDINGLY.
7. ALL HVAC UNITS LOCATED AT INTERIOR SHALL HAVE ADEQUATELY SIZED DRAIN PANS AND DRAINS. PROVIDE FLOAT SWITCH INTERLOCK WITH AC UNIT SHUT-DOWN.
8. PRIOR TO MOUNTING, HANGING, OR RESTING ON OR NEARBY ANY STRUCTURAL MEMBER, VERIFY WITH GENERAL CONTRACTOR THAT SUCH MEMBER OR STRUCTURE HAS BEEN DESIGNED TO SUPPORT THE RELATED ADDITIONAL EQUIPMENT LOADS/WEIGHTS. WHERE REQUIRED TO MAINTAIN THE STRUCTURAL INTEGRITY OF THE FRAMING SYSTEM AND SUPPORT THE EQUIPMENT, ADDITIONAL SUPPORT SHALL BE REQUIRED. COORDINATE SUCH WORK WITH THE GENERAL CONTRACTOR.
9. ROOF CURBS - PROVIDE CURBS AT ALL RELATED ROOF TOP MOUNTED EQUIPMENT AS PER MANUFACTURER'S SUGGESTION AS PER TYPE ROOF AND SLOPE PRESENT. COORDINATE EXACT ROOF PROFILE AND SLOPE WITH GENERAL CONTRACTOR PRIOR TO ORDER. COORDINATE FRAMED OPENINGS AND SUPPORT WITH ROOF ASSEMBLY.
10. MAJOR INTERIOR ROOM FINISHES AROUND UNITS TO BE INSTALLED PRIOR TO INSTALLATION OF UNIT.
11. PROVIDE ALL CONCRETE PADS, ROOF CURBS, SUPPORTS, UNISTRUTS, THREADED RODS, RACKS, HANGERS, STRAPS, MAINTENANCE PLATFORMS, ETC AS NEEDED FOR PROPER/CODE COMPLIANT SYSTEM INSTALLATION AND SERVICE.
12. PROVIDE VIBRATION ISOLATION MEASURES AT ALL EQUIPMENT SUBJECT TO VIBRATION.
13. PROTECT ALL MATERIALS AND EQUIPMENT FROM DAMAGE.
14. EQUIPMENT AND MATERIALS SHALL BE NEW, UNLESS OTHERWISE SPECIFIED. MEET ALL NEMA STANDARDS.
15. PRIOR TO COMPLETION, PROVIDE TEST AND BALANCE OF ENTIRE SYSTEM.

A. CLEAN, LUBRICATE, AND ADJUST OF ALL EQUIPMENT FOR PROPER OPERATION.

B. ADJUST DAMPERS, GRILLES, AND DIFFUSERS FOR PROPER AIR DISTRIBUTION.

C. CHECK SYSTEM UNDER ACTUAL OPERATING CONDITIONS AND MAKE ADJUSTMENTS FOR UNIFORM TEMPERATURE THROUGHOUT CONDITIONED SPACE.

D. VERIFY PROPER OPERATION OF SAFETY FEATURES INCLUDING - ALARMS, INTERLOCKS, SMOKE CONTROL, FIRE DAMPERS, ETC.

E. ADJUST AND SET ALL CONTROLS & PROGRAM THERMOSTAT AS PER OWNER'S CRITERIA.

16. PROVIDE 1 YEAR WARRANTY ON MATERIAL AND WORKMANSHIP STARTING FROM PROJECT COMPLETION. PROVIDE 4 YEAR WARRANTY ON COMPRESSOR PARTS STARTING FROM PROJECT COMPLETION. AT COMPLETION OF JOB, PRESENT OWNER WITH ALL MANUFACTURER'S STANDARD WARRANTIES, OPERATION AND MAINTENANCE MANUALS. INSTRUCT OWNER IN THE OPERATION AND MAINTENANCE OF ALL SYSTEMS.
17. HVAC UNITS:

A. HVAC UNITS - COMPLETE ASSEMBLY BY SAME MANUFACTURER, CARRIER, TRANE, RHEEM OR EQUAL. PROVIDE ALL STANDARD ACCESSORIES PER CONDITIONS PRESENT.

B. MOTOR ASSEMBLIES TO COMPLY WITH NEMA CRITERIA. PROVIDE ALL WEATHER INTEGRAL PART OF STANDARD HVAC UNIT PACKAGE OR NOT. MOTORS TO HAVE INTEGRAL OVERLOAD PROTECTION. PROVIDE ALL MOTOR STARTERS, REMOTE MOTOR STARTERS, CONTACTORS, CIRCUIT BREAKERS, AND ALL OTHER CONTROL EQUIPMENT NECESSARY FOR PROPER MOTOR OPERATION.

C. ALL AUTOMATIC OR MOTORIZED DAMPERS, AUTOMATIC VALVES, OR ACTUATORS NEEDED FOR PROPER SYSTEM FUNCTION SHALL BE PROVIDED WHETHER FURNISHED AS PART OF THE ACTUAL MANUFACTURER'S EQUIPMENT PACKAGE OR NOT.

D. OUTSIDE AIR: PROVIDE AS PER CODE. DUCT AND OBTAIN THRU WALL LOUVERS AS REQUIRED AT REAR AND SIDE WALLS OF BUILDING. FULL EXTENT OF SUCH MAY NOT NECESSARILY BE SHOWN ON THE DRAWINGS BUT SUFFICIENT AND CODE COMPLIANT OUTSIDE AIR ASSEMBLIES SHALL BE PROVIDED.
18. ELECTRICAL -

A. DISCONNECTS AND/OR BREAKERS, POWER WIRING THRU MOTOR CONTROL DEVICES TO ALL MOTORS OR TO JUNCTION BOXES OF FACTORY WIRED EQUIPMENT ARE TO BE PROVIDED UNDER THE ELECTRICAL DIVISION OF WORK. MECHANICAL WORK SHALL INCLUDE CONTROL AND INTERLOCK WIRING REQUIRED FOR PROPER OPERATION OF THE SYSTEM, AND SHALL INCLUDE FURNISHING OF MAGNETIC STARTERS OR CONTACTORS WHERE REQUIRED.

B. COORDINATE VOLTAGE AND PHASE OF EACH PIECE OF EQUIPMENT WITH ELECTRICAL CONTRACTOR BEFORE ORDERING OR ROUGH-IN.

C. ALL CONTROLS AND CONTROL WIRING SHALL BE PROVIDED. COORDINATE WORK WITH OTHER TRADES AS NEEDED TO PROVIDE COMPLETE CONTROL SYSTEM. RUN ALL CONTROL WIRING IN CONDUIT WHERE REQUIRED BY CODE OR SUBJECT TO DAMAGE.
19. PIPING -

A. ROUTE ALL CONDENSATE DRAINS CONCEALED AND SLOPE FOR POSITIVE FLOW TO DRAIN. ROUTE TO EXTERIOR OR CLOSETS APPROVED DRAIN PER CODE. WHERE REQUIRED FOR POSITIVE FLOW TO DRAIN, PROVIDE CONDENSATE PUMP. COORDINATE POWER SUPPLY TO PUMP WITH ELECTRICAL SUBCONTRACTOR.

B. REFRIGERATE LINE SETS - TO BE OF TYPE AND SIZE AS RECOMMENDED BY UNIT MANUFACTURER AS PER CONDITIONS PRESENT. DO NOT EXCEED MANUFACTURE'S SUGGESTED MAXIMUM LENGTH OF LINE SET.

C. ALL PIPING PENETRATIONS THRU WALLS AND FLOORS SHALL BE SLEEVED.

D. ALL PIPING AND LINE SETS SHALL BE CONCEALED IN WALLS OR ABOVE CEILINGS. NO EXPOSED PIPING SHALL RUN DOWN EXTERIOR WALLS. INSULATE ALL PIPING TO PREVENT FREEZE, WEATHER/SUN DAMAGE AND CONDENSATION.

20. DUCTWORK:

A. CONSTRUCT AIR DUCTS IN ACCORDANCE WITH SMACNA DUCT MANUALS LATEST EDITION.

B. DUCTWORK MATERIALS SHALL BE GALVANIZED SHEET METAL AS MADE BY ARMCO OR EQUAL.

C. CONTRACTOR SHALL FIELD VERIFY AVAILABLE SPACE FOR DUCTWORK BEFORE ORDERING OR FABRICATING. CONTRACTOR SHALL MODIFY DUCTWORK TO FIT AVAILABLE FIELD CONDITIONS.

D. ALL SUPPLY DUCTWORK SHALL BE LOW PRESSURE DUCTWORK.

E. "EXPOSED" DUCT WHICH IS TO BE PAINTED SHALL BE "PAINT GRIP". ROUND DUCT WHICH IS TO BE "EXPOSED" SHALL BE "PAINT GRIP SPIRAL".

F. PROVIDE AND SPACE ALL HANGERS, STRAPS, AND SUPPORTS AS PER PROPER DUCT SUPPORT.

G. EXACT LOCATION OF ALL SUPPLY DIFFUSERS, RETURN AIR GRILLES, AND EXHAUST REGISTERS TO BE COORDINATED WITH LIGHTING LAYOUT AND REFLECTED CEILING PLAN.

H. FLEXIBLE DUCTWORK SHALL BE GENEFLEX TYPE G8L OR APPROVED EQUAL. FLEX AT CEILING INSTALLATIONS SHALL BE R8.

I. FLEXIBLE DUCT RUNOUTS TO CEILING DIFFUSERS SHALL BE INSTALLED FREE OF KINKS AND SAGS. ALL BRANCH DUCTWORK SHALL BE SIZED TO MATCH THE INLET OF THE DIFFUSERS SERVED.

J. PORTIONS OF DUCTWORK VISIBLE THROUGH SUPPLY AND RETURN AIR OPENINGS SHALL BE PAINTED FLAT BLACK.

K. DUCT INSULATION:

ROUND OR RECTANGULAR DUCT - 3" THICK DUCT WRAP, 3/4 LB DENSITY, WITH HEAVY WEIGHT ALUMINUM FOIL BARRIER SECURE WITH ANNEALED STAINLESS STEEL WIRE AT NOT OVER 12" ON CENTER. SEAL ALL JOINTS AND PUNCTURES IN JACKET.

ROUND OR RECTANGULAR DUCT WITHIN 20' OF HVAC UNIT 5 TONS OR MORE - TO HAVE 1" DUCT LINER IN ADDITION TO DUCT WRAP.

ROUND OR RECTANGULAR DUCT WHICH IS "EXPOSED" TO FINISHED SPACE - 1" DUCT LINER ONLY.

L. BRANCH DUCT TO HAVE DAMPERS AS REQUIRED FOR SYSTEM BALANCING.

M. NFPA 90A REQUIRES DUCT DETECTORS AT SUPPLY AIR ASSEMBLY FOR HVAC UNITS WITH TOTAL CFM GREATER THAN 2,000 CFM. HVAC ASSEMBLY TO SHUT DOWN IF SMOKE DETECTED. INSTALL IN LOCATION AND POSITION AS RECOMMENDED BY NFPA 90A AND IMC. PROVIDE SAMPLING TUBE AND ACCESS PANEL IN DUCT FOR INSPECTION.

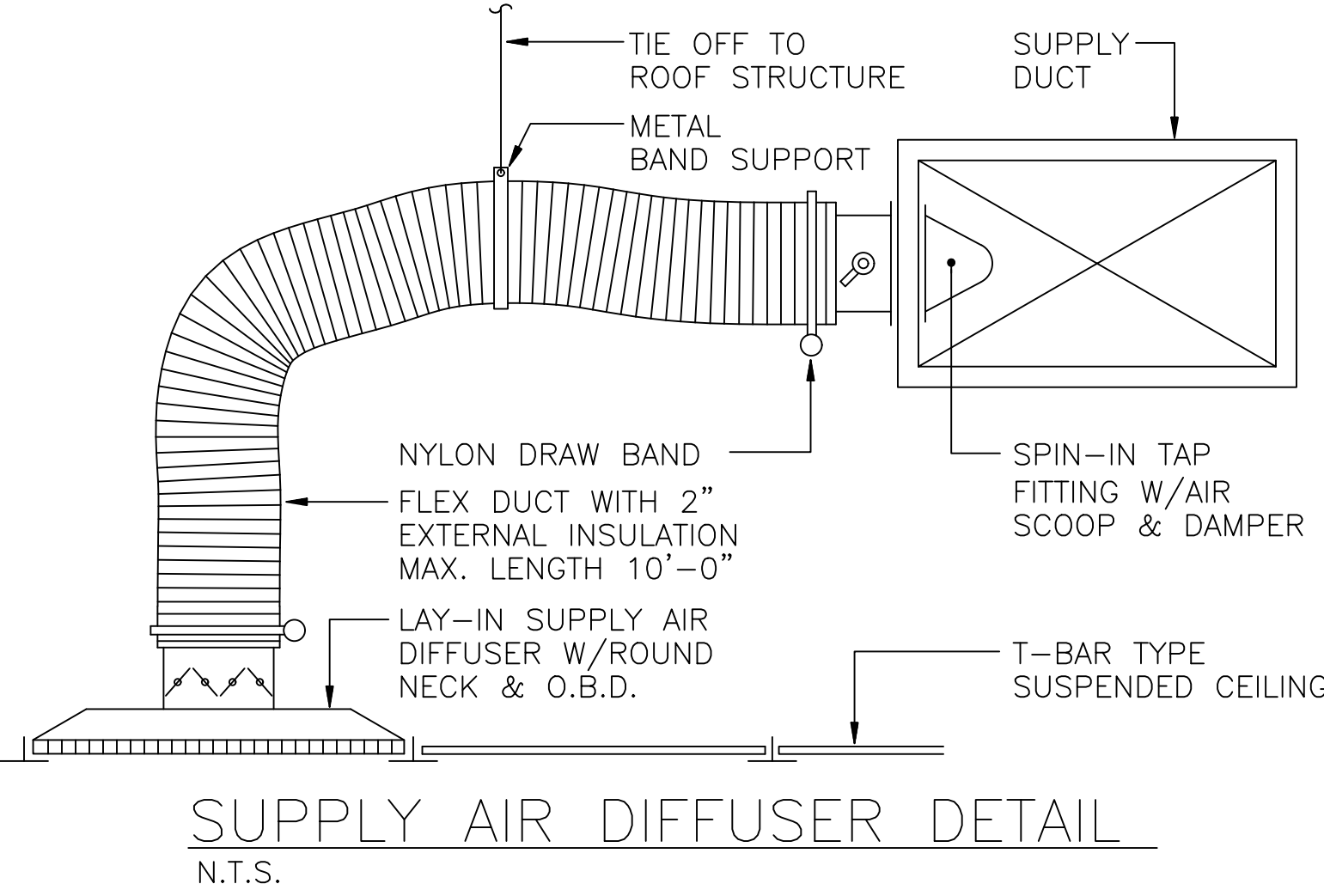
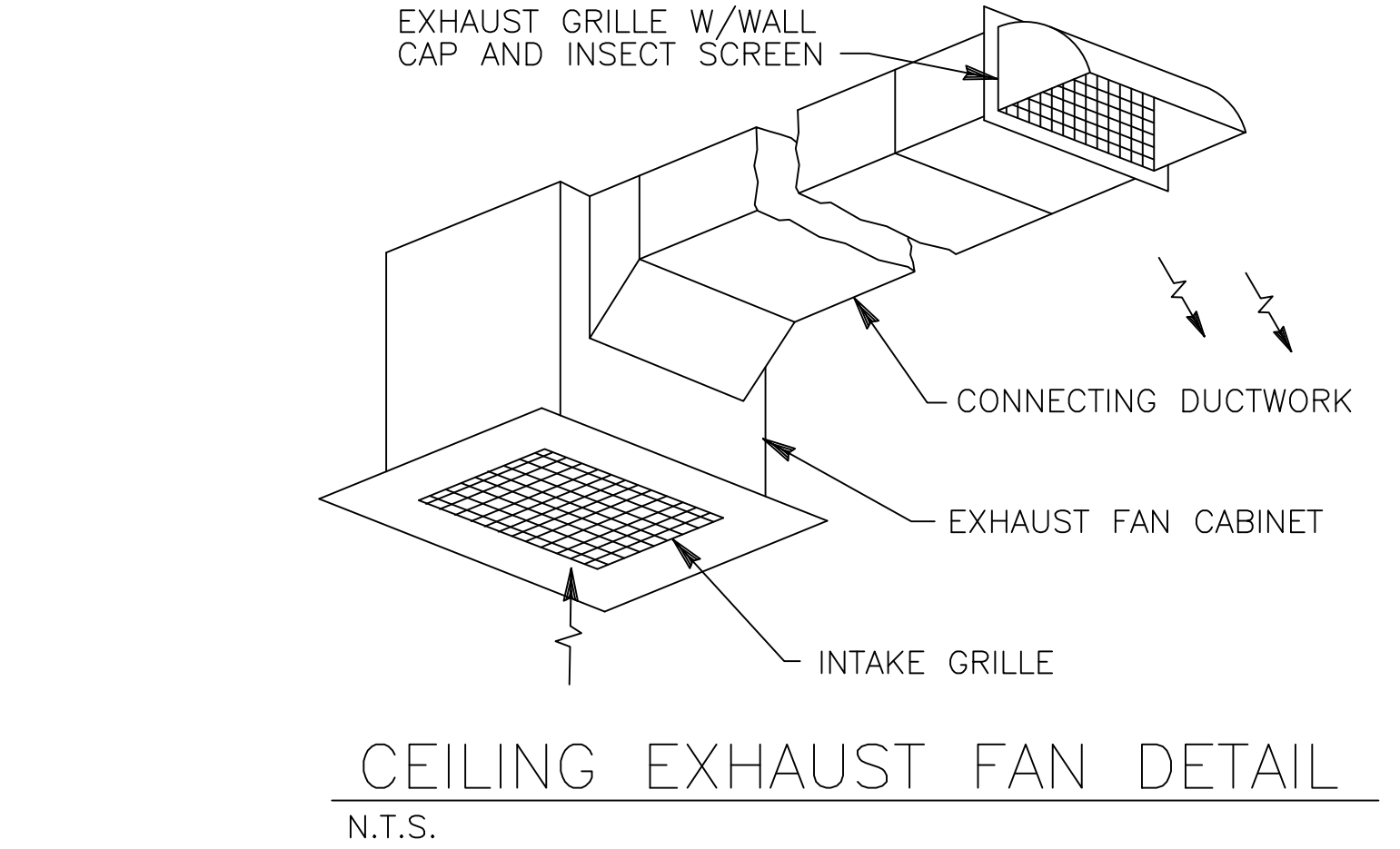
N. NO FIBERGLASS DUCT BOARD TO BE USED.

O. DUCT VELOCITY FOR HEAT PUMPS SHALL COMPLY WITH SECTION 910.3 OF 2006 IMC W/ AMENDMENTS.
21. GRILLES AND DIFFUSERS - AS MANUFACTURED BY TITUS OR EQUAL. COORDINATE MOUNTING TYPE WITH SURFACE BEING INSTALLED PRIOR TO ORDER. 24"x24" UNLESS NOTED OR REQUIRED OTHERWISE FOR PROPER SYSTEM FUNCTION. PROVIDE ALL TRANSITIONS, COLLARS, AND DAMPERS FOR PROPER CONNECTION AND FUNCTION.
22. FILTERS TO BE "PLEATED" TYPE, SIZED AND INSTALLED AS PER EQUIPMENT MANUFACTURE'S SUGGESTION FOR PROPER FUNCTION. PROVIDE/INSTALL NEW FILTER AT COMPLETION OF PROJECT. PROVIDE (3) ADDITIONAL FILTERS OF EACH SIZE/TYPE USED FOR OWNER'S USE IN MAINTENANCE.
23. PROVIDE ADEQUATE OUTSIDE AIR TO HVAC SYSTEM AS PER CODE AND AS PER HVAC UNIT MANUFACTURER'S SUGGESTION WHETHER SUCH ASSEMBLY IS SHOWN OR NOT.
24. FLUES - PROVIDE CONCENTRIC FLUES WHERE REQUIRED BY CODE AND/OR UNIT MANUFACTURER FOR SAFE AND PROPER ASSEMBLY FUNCTION. FLUE TO BE OF TYPE AND SIZE MEETING CODE AND UNIT MANUFACTURER'S SPECIFICATIONS. PROVIDE WEATHERTIGHT FLASHING AT ROOF OR EXTERIOR WALL PENETRATION.
25. ROOF TOP MOUNTED ITEMS WHICH ARE EXPOSED TO VIEW SHALL BE PAINTED TO MATCH ROOF COLOR USING APPROVED PAINTS AND METHODS.
26. RESTROOM EXHAUST FANS - BROAN OR EQUAL. DUCT TO EXTERIOR WALL OR ROOF CAP. PROVIDE BACKDRAFT DAMPER WALL CAP TO BE 10' FROM ANY INTAKE. COORDINATE EXACT WALL CAP LOCATION WITH EXTERIOR WALL FINISHES TO PROVIDE NEAT INSTALL. PROVIDE INTERIOR CEILING OR WALL GRILLE ASSEMBLY AS PER RELATED INSTALL. FAN ASSEMBLIES TO BE CAPABLE OF PROVIDING 10 AIR CHANGES PER HOUR.
27. MAINTAIN 10' MINIMUM CLEAR FROM ANY EXHAUST ITEM TO ANY INTAKE ITEM.

HVAC NOTES:

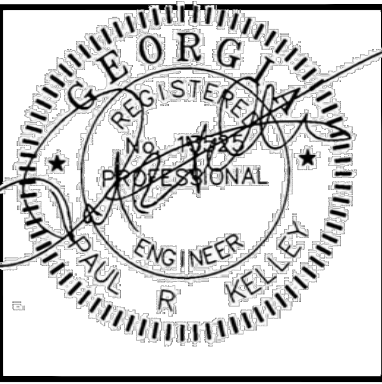
1. ALL DUCTWORK SHALL BE CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH SMACNA LOW PRESSURE DUCT CONSTRUCTION STANDARDS FOR GALVANIZED SHEET METAL.
2. ALL CONCEALED DUCTWORK SHALL BE INSULATED WITH 1-1/2" THICK FIBERGLASS DUCT INSULATION WITH WHITE VINYL VAPOR BARRIER UNLESS OTHERWISE SPECIFIED. EXPOSED DUCTWORK SHALL NOT BE INSULATED.
3. ALL TAKE OFFS FOR SUPPLY DUCT SYSTEMS SHALL BE MADE WITH SPIN COLLARS WITH AIR SCOOPS AND MANUAL VOLUME DAMPERS. RUNOUTS TO DIFFUSERS SHALL BE MADE WITH FLEXIBLE DUCT AS SHOWN AND SHALL BE SAME SIZE AS DIFFUSER NECK SIZE.
5. ALL TURNS IN DUCTWORK SHALL BE MADE WITH TURNING VANES.
6. ALL SIDEWALL SUPPLY GRILLES, UNLESS OTHERWISE NOTED SHALL BE PRICE MODEL 520D SERIES DOUBLE DEFLECTION TYPE STEEL, GRILLE OF SIZE INDICATED WITH MANUAL VOLUME DAMPER.
7. ALL FILTER RETURN GRILLES UNLESS OTHERWISE NOTED SHALL BE PRICE MODEL 80FF SERIES RETURN REGISTER. REGISTERS SHALL BE STEEL CONSTRUCTION 1/2" x 1/2" x 1/2" CORE.
8. ALL CEILING EXHAUST GRILLES UNLESS OTHERWISE NOTED SHALL BE PRICE MODEL 80 SERIES RETURN REGISTER WITH MANUAL VOLUME DAMPER. REGISTERS SHALL BE STEEL CONSTRUCTION 1/2" x 1/2" x 1/2" CORE.
9. ALL FLEXIBLE DUCT SHALL BE UL LISTED AND BE INSULATED WITH 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
10. AIR HANDLING UNITS RATED AT 2,000 CFM AND LARGER SHALL BE COMPLETE WITH FIRESTATS AND SMOKESTATS TO SHUT SYSTEM DOWN IN THE EVENT OF A FIRE.
11. SMOKE DETECTORS LISTED FOR USE IN AIR DISTRIBUTION SYSTEMS SHALL BE LOCATED DOWNSTREAM OF FILTERS AND UPSTREAM OF BRANCH CONNECTIONS.

LEGEND	
SYMBOL	DESCRIPTION
AH	AIR HANDLING UNIT
CD	CEILING DIFFUSER
CFM	CUBIC FEET PER MINUTE
EF	EXHAUST FAN
EG	EXHAUST GRILLE
FD	FIRE DAMPER
OA	OUTSIDE AIR
RA	ROUND
RG	RETURN AIR GRILLE
TYP	THERMOSTAT TYPICAL



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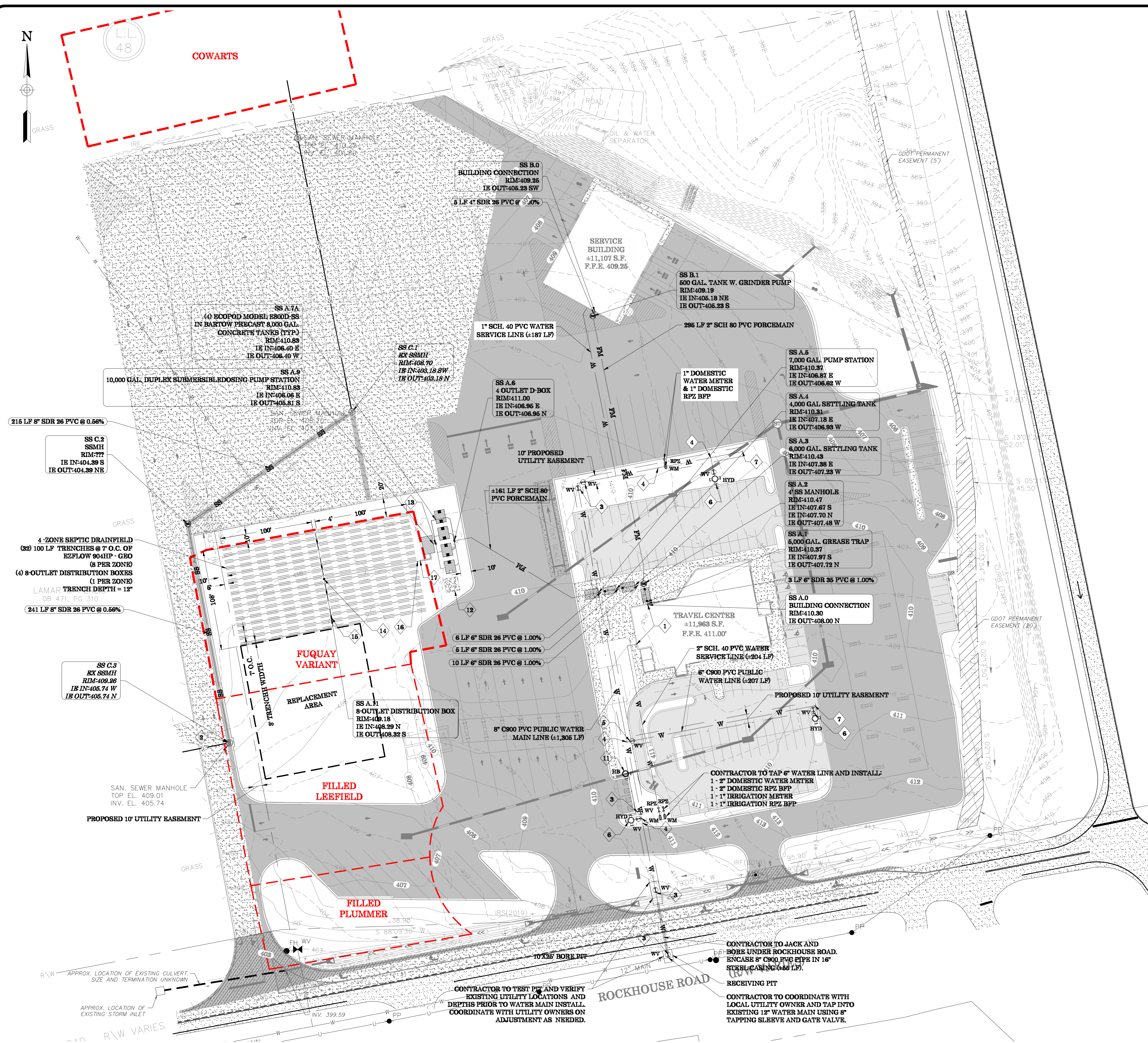
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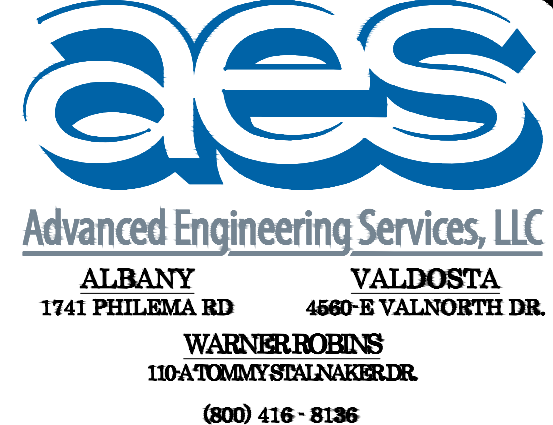
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Checked PRK	Date 05/18/2023
Sheet Number	
M-200	



SITE INFORMATION			
PROJECT ADDRESS		373 E ROCKHOUSE ROAD, CORDELE, GEORGIA 31010	
PARCEL NUMBER		034L 016B (16.91 ACRES)	
PARCEL ZONING		HC (HEAVY COMMERCIAL)	
PROJECT AREA		18.50 ACRES	
BUILDING SETBACK		LANDSCAPE SETBACK	
FRONT	40'	FRONT	20'
SIDE	0'	SIDE	5'
REAR	0'	REAR	5'

- UTILITY NOTES:
1. THE CONTRACTOR SHALL PROVIDE 72 HOUR NOTICE THE THE UTILITIES PROTECTION CENTER PRIOR TO CONSTRUCTION COMMENCEMENT OR EXCAVATION. THE CONTRACTOR SHALL PROVIDE ADEQUATE PROTECTION FOR ALL EXISTING UTILITIES WITHIN THE CONSTRUCTION AREA AND REPAIR ANY UTILITIES DAMAGED DURING CONSTRUCTION AT NO COST TO THE OWNER/DEVELOPER.
 2. THE CONTRACTOR SHALL FIELD VERIFY LOCATION AND SIZE OF ALL EXISTING UTILITIES WITHIN THE PROJECT AREA AND ANY UTILITY CONNECTIONS OFF-SITE. THE CONTRACTOR SHALL COORDINATE WITH UTILITY OWNERS ON ALL CONFLICTS.
 3. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND LOCATIONS OF PROPOSED UTILITIES AND COORDINATION WITH ALL APPLICABLE ARCHITECTURAL BUILDING PLANS FOR THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER PLACEMENT AND FIT OF ALL PROPOSED UTILITIES. IF ANY DISCREPANCIES ARE DISCOVERED, NOTIFY THE ENGINEER IN WRITING WITHIN 24 HOURS.
 4. TEN (10) FOOT HORIZONTAL & EIGHTEEN (18) INCH VERTICAL SEPARATION SHALL BE MAINTAINED BETWEEN ALL PROPOSED POTABLE WATER MAINS AND SANITARY SEWER MAINS.
 5. FOUR (4) FOOT MINIMUM COVER SHALL BE MAINTAINED ABOVE ALL PROPOSED WATER MAINS AND SERVICE CONNECTIONS.
 6. ALL WATER FIXTURES, APPURTENANCES AND CONSTRUCTION METHODS SHALL COMPLY WITH ALL LOCAL STANDARDS AND SPECIFICATION.
 7. ALL SANITARY SEWER MAINS SHALL MEET THE SLOPE REQUIREMENTS AS STATED IN THE TEN STATE STANDARDS FOR WASTEWATER FACILITIES - LATEST EDITION. SANITARY SEWER SERVICE CONNECTIONS SHALL MAINTAIN 1% MINIMUM SLOPE UNLESS OTHERWISE NOTED.
 8. ALL SANITARY SEWER CONSTRUCTION SHALL COMPLY WITH ALL LOCAL STANDARDS AND SPECIFICATIONS.
 9. THE CONTRACTOR SHALL ADJUST THE TOPS OF ALL EXISTING AND PROPOSED UTILITY STRUCTURES TO MATCH FINAL GRADE ELEVATIONS.

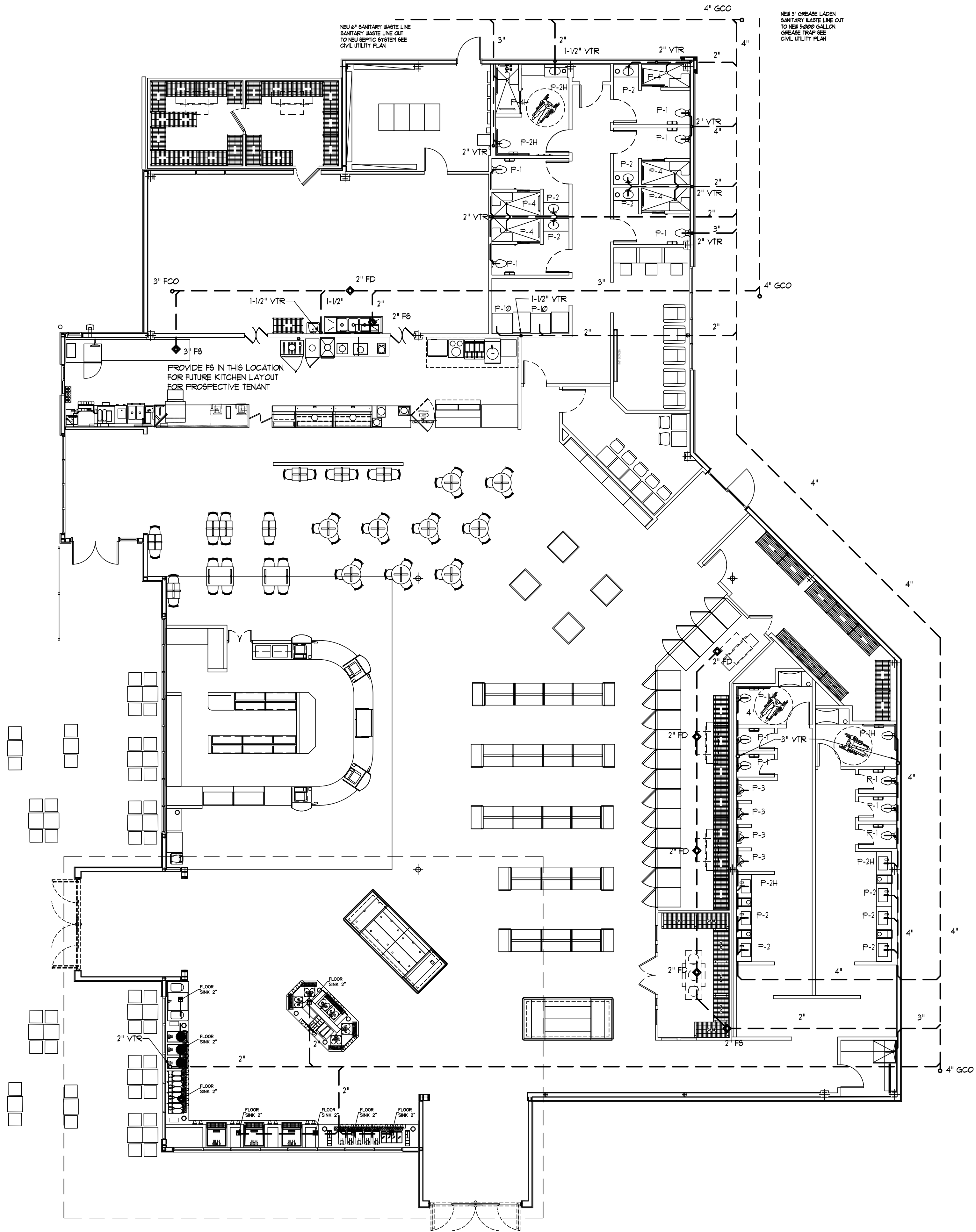
- KEY NOTES:
- 1 SEE ARCHITECTURAL / MEP PLANS FOR CONTINUATION
 - 2 CONTRACTOR TO ADJUST EXISTING MANHOLE TOP TO PROPOSED GRADE
 - 3 8" GATE VALVE
 - 4 8"x8"x6" TEE CONNECTION W/ THRUST BLOCKING
 - 5 6" GATE VALVE
 - 6 CRISP COUNTY STANDARD FIRE HYDRANT WITH 6" GATE VALVE
 - 7 WATER MAIN TERMINATION. PROVIDE CAP AND THRUST BLOCKING.
 - 8 8"x8"x8" TEE CONNECTION W/ THRUST BLOCKING
 - 9 8" MECHANICAL JOINT - 22.5" BEND COUPLING
 - 10 8" MECHANICAL JOINT - 45" BEND COUPLING
 - 11 PROPOSED HOSE BIB
 - 12 15' X 15' STRUCTURE TO HOUSE ECOPOD BLOWERS AND CONTROL PANEL
 - 13 4" MANIFOLD
 - 14 4-OUTLET DIVERSION VALVE TO DISTRIBUTION BOXES
 - 15 8-OUTLET DISTRIBUTION BOX TO TRENCHES, TYPICAL
 - 16 2" SCH 80 FORCEMAIN TO DIVERSION VALVE
 - 17 2" X 2" X 2" TEE CONNECTION AND VALVE



AES PROJECT NUMBER		
60161		
DATE OF PLANS		
06/16/2023		
REVISIONS		
NO.	DATE	DESCRIPTION
1	07/27/2023	REVISED PER DOT/ESPC COMMENTS
2	08/12/2023	ISSUED FOR CONSTRUCTION
3	08/12/2024	REVISED PER DPH COMMENTS
4	08/26/2024	ISSUED FOR CONSTRUCTION
5	10/02/2024	WATER LINE MODIFICATIONS
6	12/16/2024	ESPC MODIFICATIONS
7	01/16/2025	GRADING AND SITE PLAN REVISIONS
8	-	-
9	-	-
10	-	-

CORDELE TRAVEL CENTER
STROUD AND COMPANY
UTILITY PLAN

PLUMBING FIXTURE CONNECTIONS				
MARK	DESCRIPTION	CW	HW	WASTE
P - 1H	HANDICAPPED WATER CLOSET	1/2"		3"
P - 2H	LAVATORY	1/2"	1/2"	1-1/2"
P - 3	ICE MACHINE	1/2"		2"
P - 4	WALL HUNG HAND SINK	1/2"	1/2"	1-1/2"
P - 5	DISHWASHER		1/2"	2"
P - 6	THREE COMPARTMENT SINK	1/2"	1/2"	2"
P - 7	FLOOR MOUNTED MOP SINK	1/2"	1/2"	3"
P - 8	PREP TABLE WITH SINK	1/2"	1/2"	2"
P - 9	BAR SINK	1/2"	1/2"	1-1/2"
P - 10	WASHING MACHINE	1/2"	1/2"	2"



PLUMBING LEGEND:	
○+	COLD WATER SUPPLY
○H	HOT WATER SUPPLY
○	COLD WATER STUB-UP
●	2" HUB DRAIN
⊠	FLOOR DRAIN, SIZED AS NOTED
⊞	FLOOR SINK
⊞	TROUGH DRAIN
⊞	FREEZE PROOF HOSE BIBB
+	SANITARY SEWER CONNECTION
⊞	GAS LINE CONNECTION

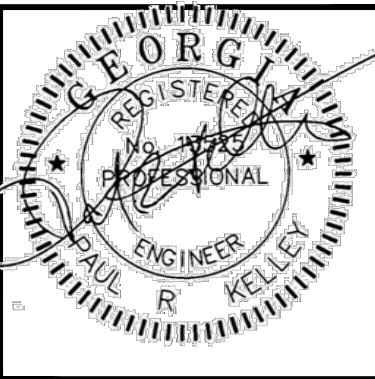
PLUMBING NOTES:	
1.	PLUMBING CONTRACTOR TO PROVIDE ALL PIPING, VALVES, AND FITTINGS FOR HOT AND COLD WATER SUPPLY LINES, DRAINS, RESTROOM FIXTURES, AND HOT WATER HEATER.
2.	PROVIDE FINAL CONNECTIONS TO ALL FIXTURES AND EQUIPMENT, AND RUN ALL CONDENSATE DRAIN LINES TO FLOOR DRAIN.
3.	RECESS FLOOR DRAINS AND SLOPE FLOOR TO DRAINS.
4.	BEVERAGE LINES TO FOUNTAIN DRINK DISPENSER TO BE RUN UNDER FINISHED FLOOR IN PVC CHASE. BEVERAGE LINES MAY BE RUN ABOVE CEILING OR THROUGH WALLS (OPTIONAL).
5.	ALL PLUMBING MATERIALS AND INSTALLATIONS TO COMPLY WITH LOCAL, STATE, AND NATIONAL PLUMBING CODES, HEALTH DEPARTMENT REGULATIONS AND ETHICAL CONSTRUCTION PROCEDURES.
6.	PROVIDE GREASE TRAPS FOR SINKS WHERE REQUIRED BY CITY OR STATE CODE.
7.	SUPPLY WATER FILTRATION SYSTEM FOR ALL BEVERAGE EQUIPMENT THROUGHOUT STORE.
8.	PROVIDE AUTOMATIC FLUSH DEVICES AND HAND DRYERS IN ALL RESTROOMS.
9.	DIMENSIONS SHOWN FOR REFERENCE ONLY. PARAGON SOLUTIONS IS NOT RESPONSIBLE FOR FINAL LOCATIONS OF PLUMBING FIXTURES. FIELD VERIFY ALL DIMENSIONS PRIOR TO STARTING CONSTRUCTION.

PLUMBING NOTES:	
1.	PLUMBING CONTRACTOR TO PROVIDE ALL PIPING, VALVES, AND FITTINGS FOR HOT AND COLD WATER SUPPLY LINES, DRAINS, RESTROOM FIXTURES, AND HOT WATER HEATER.
2.	PROVIDE FINAL CONNECTIONS TO ALL FIXTURES AND EQUIPMENT, AND RUN ALL CONDENSATE DRAIN LINES TO FLOOR DRAIN.
3.	RECESS FLOOR DRAINS AND SLOPE FLOOR TO DRAINS.
4.	BEVERAGE LINES TO FOUNTAIN DRINK DISPENSER TO BE RUN UNDER FINISHED FLOOR IN PVC CHASE. BEVERAGE LINES MAY BE RUN ABOVE CEILING OR THROUGH WALLS (OPTIONAL).
5.	ALL PLUMBING MATERIALS AND INSTALLATIONS TO COMPLY WITH LOCAL, STATE, AND NATIONAL PLUMBING CODES, HEALTH DEPARTMENT REGULATIONS AND ETHICAL CONSTRUCTION PROCEDURES.
6.	PROVIDE GREASE TRAPS FOR SINKS WHERE REQUIRED BY CITY OR STATE CODE.
7.	SUPPLY WATER FILTRATION SYSTEM FOR ALL BEVERAGE EQUIPMENT THROUGHOUT STORE.
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9.	DIMENSIONS SHOWN FOR REFERENCE ONLY. PARAGON SOLUTIONS IS NOT RESPONSIBLE FOR FINAL LOCATIONS OF PLUMBING FIXTURES. FIELD VERIFY ALL DIMENSIONS PRIOR TO STARTING CONSTRUCTION.

FLOOR PLAN- SOIL, WASTE AND VENT PIPING LAYOUT
SCALE: 1/8" = 1'-0"

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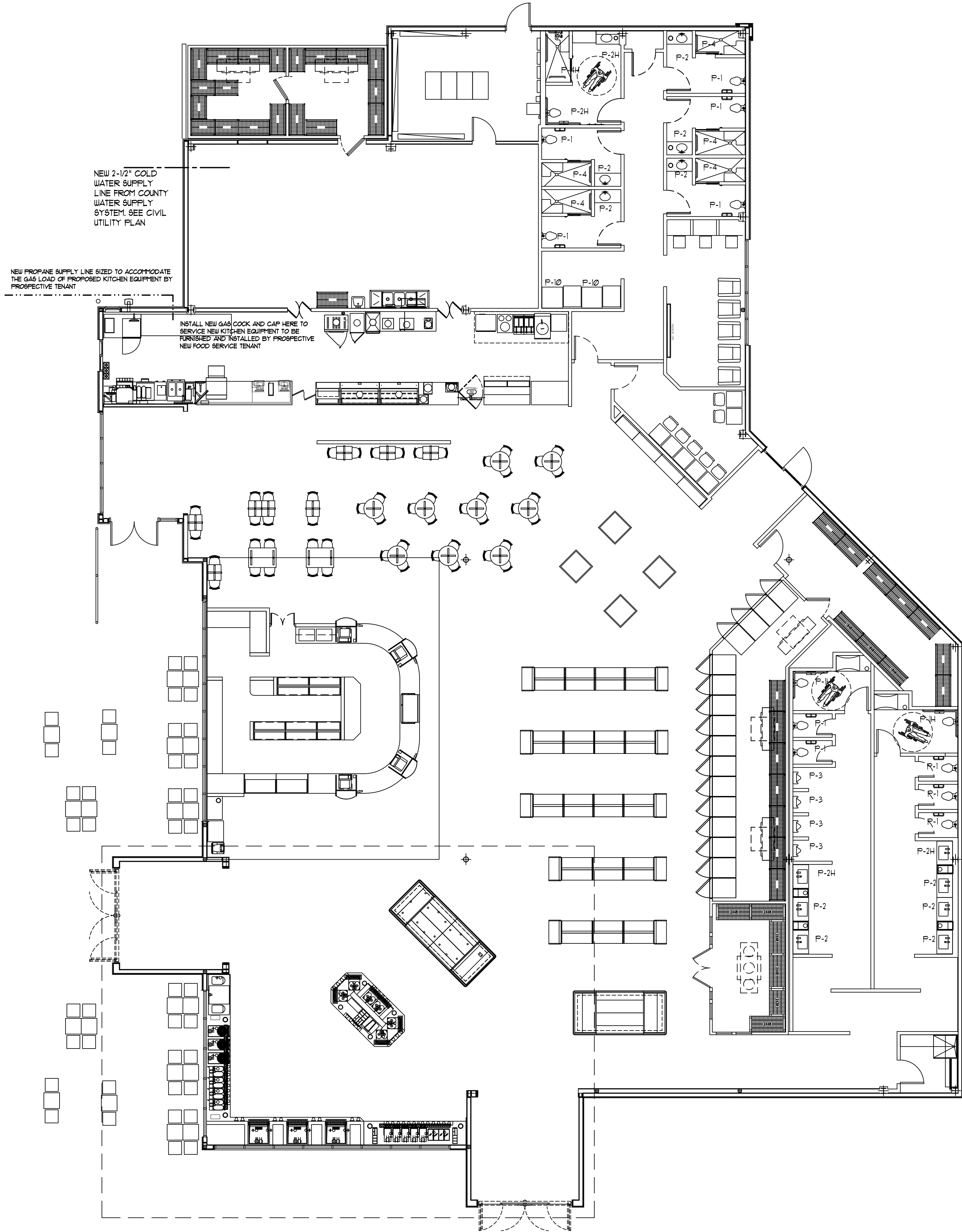
PERLIS TRUCK STOP RENOVATION
39T ROCKHOUSE ROAD E

CORDELE, GEORGIA 31015

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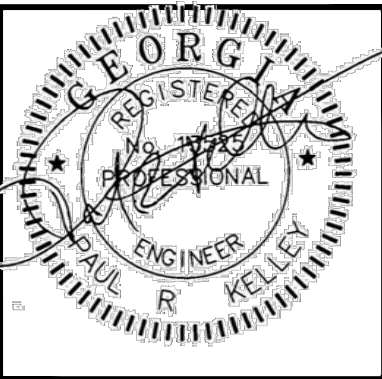


FLOOR PLAN- HOT AND COLD WATER PIPING LAYOUT
SCALE: 1/8" = 1'-0"

PLUMBING FIXTURE CONNECTIONS				
MARK	DESCRIPTION	CW	HW	WASTE
P - 1H	HANDICAPPED WATER CLOSET	1/2"		3"
P - 2H	LAVATORY	1/2"	1/2"	1-1/2"
P - 3	ICE MACHINE	1/2"		2"
P - 4	WALL HUNG HAND SINK	1/2"	1/2"	1-1/2"
P - 5	DISHWASHER		1/2"	2"
P - 6	THREE COMPARTMENT SINK	1/2"	1/2"	2"
P - 7	FLOOR MOUNTED MOP SINK	1/2"	1/2"	3"
P - 8	PREP TABLE WITH SINK	1/2"	1/2"	2"
P - 9	BAR SINK	1/2"	1/2"	1-1/2"

PLUMBING FIXTURE SCHEDULE									
MARK	FIXTURE	MANUFACTURER	MODEL NO.	COLOR	WASTE SIZE	WATER			REMARKS
						COLD	HOT	TEMP.	
WC-1	WATER CLOSET ADA COMPLIANT	ZURN	Z566S-BWL	WHITE	4"	1"	--	--	ECOVANTAGE FLUSH VALVE, 1.28 GPF, ELONGATED FLOOR MOUNTED, TOP SPUD TOILET, ZURN #ZTR8200EV-LL BATTERY POWERED FLUSH VALVE.
LAV-1	ADA LAVATORY	ZURN	Z5344	WHITE	1-1/2"	1/2"	--	1/2"	20"x18" VITREOUS CHINA WALL-MOUNTED LAVATORY WITH 4" CENTER FAUCET HOLES. PROVIDED WITH HANGER PLATE AND HOLES FOR CONCEALED ARM CARRIER SYSTEMS. ZURN #8955-XL-S-LL, BATTERY POWERED, LEAD FREE FAUCET ON 4" CTRS. 0.5 GPM VANDAL-RESISTANT PRESSURE COMPENSATING MALE AERATOR. ADA COMPLIANT.
WH-1	WALL HYDRANT	ZURN	Z1321-C-06	--	4"	1/2"	--	--	ANTI-SIPHON, AUTOMATIC DRAINING NON FREEZE WALL HYDRANT COMPLETE WITH INTEGRAL BACKFLOW PREVENTER, COPPER CASING, ALL BRONZE INTERIOR PARTS. NON TURNING OPERATING ROD WITH FREE-FLOATING COMPRESION CLOSURE VALVE, AND COMBINATION 3/4 FEMALE SOLDER AND 3/4 MALE PIPE THREAD INLET CONNECTION STANDARD.
EWH-1	WATER HEATER	RINNAI INSTANTANEOUS	RUC88I	--	--	3/4"	3/4"	--	TWO WATER HEATERS MANIFOLDED TOGETHER WITH FACTORY MOUNTED CONTROLLERS. CONCENTRIC DIRECT VENT, SEALED COMBUSTION; 15,200 BTUH MIN, 398,000 BTUH MAX. GAS INPUT, 8 GPM DELIVERY @ 100°F RISE. SET UNIT @ 140°F.
FD-1	FLOOR DRAIN	ZURN	ZB415-3NH	--	3"	--	--	--	FLOOR DRAIN, DURA-COATED CAST IRON BODY WITH BOTTOM OUTLET, COMBINATION INVERTIBLE CLAMP AND ADJUSTABLE COLLAR WITH SEEPAGE SLOTS AND "TYPE B" POLISHED BRONZE, LIGHT-DUTY STRAINER.
FD-2	FLOOR DRAIN	ZURN	Z1030	--	3"	--	--	--	HUB DRAIN, DURA-COATED CAST IRON BODY WITH BOTTOM OUTLET, MALE NPT THREADED AND HUB CONNECTIONS.
FS-1	FLOOR SINK	ZURN	Z1910-3NH	--	3"	--	--	--	8" SQ. TOP, 6" DEEP, DOME STRAINER, HALF, 3/4 OR NO GRATE AS INDICATED ON PLANS
FCO-1	FLOOR CLEANOUT	ZURN	ZB1400-3NH	--	LINE SIZE	--	--	--	ROUND, POLISHED BRONZE TOP.
MS-1	MOP SINK	--	--	--	--	1/2"	1/2"	--	FAUCET JP1996-SF W/ VACUUM BREAKER, INTEGRAL STOPS, JP1996-HH HOSE AND BRACKET & JP1996-MH MOP HANGER BRACKET.
TD-1	TRENCH DRAIN	ZURN	Z886-RPSC	--	3"	--	--	--	20"x6" HDPE TRENCH DRAIN WITH STAINLESS STEEL PERFORATED GRATE. PROVIDE W/ TRAP PRIMER CONNECTION IF REQUIRED BY CODE.
GI-1	GREASE TRAP	ZURN	GT2700-50	--	4"	--	--	--	50 GPM FLOW RATE 100 LB CAPACITY WITH FLOW CONTROL FITTING 29-7/8" x 24-1/2"W x 21-1/2"H.
HB-1	HOSE BIBB	ZURN	Z1321	--	-	3/4"	--	--	NON-FREEZE, ANTI-SIPHON, AUTO DRAINING WALL HYDRANT
P-1	HOT WATER RECIRC PUMP	TACO	007-SF5-IFC	--	-	3/4"	--	--	STAINLESS STEEL, 5 GPM @ 9' TDH, 115V, 1 PH, WITH INTEGRAL FLOW CONTROL. PROVIDE WITH HONEYWELL AQUASTAT SET TO 105°F.

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3786 - EQUIPMENT SCHEDULE						
ITEM	DESCRIPTION	MANUFACTURER	QTY	MODEL	ELECTRICAL	AMPS
1	WALK-IN COOLER	KPS GLOBAL	1	-	115/60/1	1
2	WALK-IN COOLER CONDENSING UNIT	RUSSELL OR EQUAL	3	-	-	-
3	WALK-IN COOLER COIL FAN	RUSSELL OR EQUAL	3	-	-	-
4	WALK-IN COOLER REACH-IN DOORS	ANTHONY	16	#INFINITY 090	115/60/1	32
5	STORAGE RACKS	ISS OR EQUAL	-	-	-	-
6	BEER CAVE	KPS GLOBAL	1	-	115/60/1	1
7	BEER CAVE CONDENSING UNIT	RUSSELL OR EQUAL	1	-	-	-
8	BEER CAVE COIL FAN	RUSSELL OR EQUAL	1	-	-	-
9	BEER CAVE PASS THRU DOORS	ANTHONY	2	#HD BEER CAVE DOORS	115/60/1	4
10	BEER CAVE HEAVY DUTY SHELVING	ADCO OR EQUAL	-	-	-	-
11	CRAFT BEER CASE	HUSMANN	1	#IM-R	VERIFY	-
12	SHELVING	ROYSTON, MILLWORK OR EQUAL	-	-	-	-
13	DUMP BIN	OPTO OR EQUAL	-	-	-	-
14	GRAB-N-GO	HUSMANN	1	#IM-R	VERIFY	-
15	LID DISPENSER	DISPENSE-RITE	2	-	-	-
16	BEAN TO CUP	SCHAEFER	6	#COFFEE ARTS PLUS	208/60/1	30
17	CUP DISPENSER	DISPENSE-RITE	-	SLR-2F-CSD	-	-
18	COUNTERS - WOOD	-	-	-	-	-
19	CONDIMENT ORGANIZER	DISPENSE-RITE	4	-	-	-
20	CREAMER	CREAMSER	1	#600	120/60/1	20
21	JETSPRAY JUICE DISPENSER	CORNELIUS	2	#JT20	115/60/1	-
22	TEA BREWER	BUNN	5	#ITB-DBC	120/60/1	14
23	ICE AND POST MIX	CORNELIUS	3	#FLAVOR FUSION	120/60/1	10 EA.
24	ICE MAKER	SCOTSMAN	3	#N1 322R	VERIFY	-
25	DOME LID DISPENSER	DISPENSE-RITE	2	-	-	-
26	FROZEN UN-CARBONATED BEVERAGE	BUNN	4	#ULTRA II	120/60/1	12
27	FROZEN CARBONATED BEVERAGE	CORNELIUS	2	#VIPER 2	230/60/1	-
28	FREAL MILKSHAKES	FREAL	1	#DOUBLE BLENDER BAR	VERIFY	-
29	UNDER COUNTER FREEZER	FREAL	1	-	VERIFY	-
30	SCRATCH TICKETS	-	1	-	-	-
31	ATM	TRITON	1	#ARGO 7	VERIFY	-
32	BAR STOOL	-	8	-	-	-
33	CHAIR	-	60	-	-	-
34	SQUARE TABLE	-	12	-	-	-
35	RECTANGLE TABLE	-	2	-	-	-
36	ROUND TABLE	-	9	-	-	-
37	HEATED MERCHANDISER	HATCO	2	#H2MH-42D	120/60/1	12.1
38	DROP-IN SINK	ADVANCE TABCO	1	#DI-1-10	VERIFY	-
39	SAFE	TIDEL	2	#TACV11	VERIFY	-
40	CASH REGISTER / GAS CONSOLE	-	5	-	VERIFY	-
41	LOTTO	-	1	-	VERIFY	-
42	TRANSFLO	-	1	-	VERIFY	-
43	SCALE	-	1	-	VERIFY	-
44	CIGARETTE DISPLAY	IMAGEWORKS OR EQUAL	3	PER PLANS	-	-
45	SPRAY MASTER SYSTEM	-	1	-	VERIFY	-
46	TANKLESS WATER HEATER	-	3	-	VERIFY	-
47	STACKED WASHER & DRYER	-	2	#SPEED QUEEN	VERIFY	-
48	COIN OPERATED STACKED WASHER & DRYER	-	4	#SPEED QUEEN	VERIFY	-
49	96" SCREEN	-	1	-	VERIFY	-
50	LOUNGE CHAIR	-	9	-	-	-
51	DESK CHAIR	-	2	-	-	-
52	SINK	KOHLER	6	#LADENA	-	-
53	HANDSPREE FAUCET & SOAP DISPENSER	BRADLEY CORP	6	#953-3100	-	-
54	SLIM TRASH CAN	RUBBERMAID	4	#SLIM JIM	-	-
55	HAND TOWEL DISPENSER	TORK	4	#5511262	-	-
56	FLOOR MOUNT XOF SINK	ADVANCE	1	#9-OP-20	-	-
57	WATER HEATER	TBD	1	-	-	-
58	OUTDOOR SQUARE CHAIR	-	112	-	-	-
59	OUTDOOR SQUARE TABLE	-	56	-	-	-
60	SQUARE TABLE WITH UMBRELLA	-	7	-	-	-
61	OUTDOOR ROUND TABLE	-	6	-	-	-
62	OUTDOOR ROUND TABLE CHAIRS	-	24	-	-	-

SPECIFICATIONS

A. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, AND EQUIPMENT FOR COMPLETE ELECTRICAL INSTALLATION.

B. ALL WORK SHALL CONFORM TO REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE AND APPLICABLE STATE AND LOCAL CODES.

C. WORKMANSHIP SHALL BE FIRST QUALITY AND IN ACCORDANCE WITH BEST PRACTICES OF THE TRADE BY SKILLED WORKERS.

D. LOCATIONS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL CO-ORDINATE ACTUAL LOCATIONS WITH OTHER TRADES

E. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL FEES AND PERMITS REQUIRED AND SHALL FURNISH CERTIFICATION OF INSPECTION TO OWNER AT THE COMPLETION OF THE PROJECT

F. MATERIALS SHALL BE NEW AND U.L. APPROVED AND LISTED

G. UNLESS OTHERWISE NOTED, ALL WIRING ABOVE GRADE SHALL BE TYPE THHN OR THHN IN EMT WITH SET-SCREW CONNECTORS, WIRING BELOW SLAB OR GRADE SHALL BE IN RIGID STEEL OR PVC WITH GROUND WIRE. MINIMUM WIRE SIZE SHALL BE #14AWG. ALL WIRE SHALL BE COPPER AND RATED FOR 75 DEGREES C.

H. PANELBOARDS SHALL BE SQUARE-D TYPE NQOB OR APPROVED EQUAL. PROVIDE TYPED PANEL DIRECTORIES IN EACH PANEL.

ELECTRICAL SPECIFICATIONS

A. REFERENCES –

1. NFPA 70 – National Electrical Code –Current edition.
2. ADA – American Disabilities Act
3. NFPA 101 – Life Safety Code National Fire Protection Association, current edition
4. All applicable state and local codes and amendments.
5. Underwriters Laboratories, Inc. Publications
6. American National Standards Institute– ANSI –Current edition
7. ANSI C2 National Electrical Safety Code –Current edition

B. PERFORMANCE REQUIREMENTS

1. Refer to drawings and specifications of other disciplines for additional electrical requirements. Notify architect immediately if conflicts are found.
2. These electrical drawings are schematic in nature and are not to be scaled. Field verify dimensions prior to installation.
3. Contractor shall be responsible for all fees for permits and inspections. Other fees and charges shall be paid by the Owner.
4. Contractor shall coordinate with utilities prior to commencing work.
5. Guarantee:
All equipment and materials furnished and all work performed under this section of the specifications shall be guaranteed to be free of defective materials and workmanship for a period of one year after acceptance of the work by the owner.

C. WORKMANSHIP AND MATERIALS

1. Contractor shall have a permanent office and shall have performed at least three installations of at least 400 amps, 208 volt, 3 phase.
2. Equipment shall be new and installed in accordance with manufacturers recommendations. equipment included in Underwriters Label Service shall bear that label.
3. All apparatus shall fit into the available spaces in the building and must be introduced into the building so as not to cause damage to the structure. All equipment requiring service shall be accessible in accordance with applicable codes.
4. All work necessary to complete the project shall be executed in a thorough, neat and workmanlike manner.
5. Contractor shall keep a complete set of record drawings on site for the duration of the project. All deviations from the plans and specifications shall be indicated on this set. The record set shall be turned over to the Owner at the completion of the project.
6. No asbestos containing materials shall be used.

D. BUILDING WIRE AND CABLE, 600 VOLTS AND LESS –

1. Unless noted otherwise, conductors shall be solid copper for #10 and smaller and stranded copper for #8 and larger installed in continuous conduit system.
2. Insulation shall be type THHN or THWN.
3. Minimum conductor size is #12.
4. Color code shall be as follows: Phase A=Black, Phase B=Red, Phase C=Blue, Neutral=White, Ground=Green. Color shall be indicated by outer jacket if available. If not available, provide type bands corresponding to color.
5. Terminal lugs:
Use for connecting conductors larger than #10 and for all multiple connections to terminals.
6. Lacing:
All wiring in cabinets, panels, pullboxes, junction boxes are to be neatly laced and held with Ty-Raps.
7. Wire pulling:
Not until conduit system is complete.
8. Type (NM) non-metallic sheathed cable is acceptable as allowed by section 334 of NEC .

E. APPARATUS UNDER OTHER SECTIONS

1. Mechanical Equipment

Provide conduit, fuses, wiring and disconnects where not factory installed. Provide all starters and contactors except starters integral with equipment. Other equipment (kitchen,lab,etc.). connect for proper operation and provide any appertenances

F. GROUNDING AND BONDING

1. Driven Ground rods shall be 5/8" X 10' (minimum) copperclad.
2. Each feeder and branch circuit shall contain a separate grounding conductor whether shown on plans or not. Raceway shall not be used as the ground.
3. All conduit and enclosures housing electrical equipment shall be grounded per NEC.

G. CONDUIT, COUPLINGS, BOXES AND RACEWAYS

1. Conduit shall be Galvanized Rigid Conduit (GRC) unless noted otherwise below.
2. EMT is allowed in dry concealed spaces or indoors where not exposed to physical damage. All conduit in utility areas below six feet shall be GRC.
3. Schedule 80 PVC conduit is allowed where installed below or in slabs or below grade. Buried conduit not under slab shall be encased in three inches (minimum) of concrete. All slab penetrations shall be GRC. No PVC conduit shall be allowed on interior of building.
4. Flexible metal conduit and cable is allowed for lighting and receptacle branch circuits, and for connections to equipment subject to vibration. Each flexible conduit or cable shall have a separate ground wire. BX cable is not allowed. Where exposed to moisture, liquid-life, neoprene coated conduit shall be used.
5. IMC conduit is allowable in lieu of GRC.
6. Connectors and couplings shall be fabricated with the same materials as the raceway. rigid shall be threaded. EMT shall be split ring compressin type. intertior or set screw types are NOT allowed.
7. Minimum allowable raceway size is 1/2".
8. Raceway shall be concealed unless otherwise noted.
9. Raceway shall be supported within three feet of all connections and every eight feet (maximum) along its entire length.
10. Threads: cut clean and remove all rough edges. Running threads shll not be used.
11. Pull Boxes: Specified in NEC.
12. Connections to Motors. Where over 18"from walls or column, a vertical conduit conduit minimum size 3/4" attached to ceiling and floor with wiring into and from this conduit with flexible conduit and condulets.
13. Insulating Bushings: on all conduits entering raceways, pull boxes, cabinets, stubs panelboards, switchgear and motor control centers.

14. Insulated throat Connectors: Install on all EMT connections.
15. Conduits in contact with Ground: Coat with two coats of asphaltic paint or use conduit with 20 Mil bonded coat of PVC. All joints shall be recoated after installation.
16. Conduit installed below grade shall be at least 18 inches below grade. Under paved areas, conduit shall be at least 26 inches below grade. Conduit shall be routed clear of shrubs and trees.
17. Provide fire seal whenever conduit penetrates fire rated assemblies.
18. Plugging: all conduits which run from interior to exterior or enter or leave refrigerated spaces shall be sealed to prevent the circulation of air

H. BOXES

- General: The approximate location of outlets are shown on the drawings. The exact location shall be determined at the building and by reference to construction drawings.
1. Boxes shall be cast or sheet metal.
 2. Junction boxes, outlet boxes and pull boxes shall be sized in accordance with NEC requirements.
 3. Hand print panel name and circuit number on the cover of each junction box in permanent ink.
 4. Provide outlet boxes for all lighting fixtures, receptacles, switches, communications outlets and other equipment.
 5. Boxes shall be securely fastened to building structure and shall not be supported by the conduit entering the box or sheet rock.
 6. Mounting Height of Outlet Boxes above floor, to center (unless noted otherwise).
 1. Receptacles and Communications Outlets: 18"
 2. Switches: 42"
 3. Wall mounted exit signs: 12" below ceiling

G. BACKBOARDS

1. Provide 3/4" thick plywood backboards behind all surface mounted panels safety switches and as indicated on drawings. anchor backboards to building structure. Paint with two coats of grey enamel on both sides prior to mounting.

H. NAMEPLATES

1. Provide white core black bakelite nameplates on all panelboards, safety switches and starters. lettering shall be minimum 1/4"all caps.

I. FIRE ALARM SYSTEM

1. General: provide a state of the art supervised fire alarm system as directed by the owner. contractor coordinate the requirements of the fire alarm system with the owner and provide design drawings of the entire system as a part of project submittals. design shall be performed by a NICET certified designer. system shall include but not be limited to:
 - a. fire alarm control panel
 - b. remote annunciator panel
 - c. smoke detectors
 - d. pull stations
 - e. alarm annunciators
 - f. ability to transmit fire signals to local fire department via phone line.

when system is complete the contractor shall provide testing to show that the system is fully compliant with design requirements and is fully operational and suitable for the facility.

J. TELEPHONE, DATA, AND TELEVISION SYSTEMS

1. Provide 1" conduit with pull string to above accessible ceiling only. Where ceiling is inaccessible, route conduit to appropriate communications room. Each outlet location indicated on the plans shall homerun to above ceiling or to communications room. Boxes shall not be wired in series.

K. DISTRIBUTION PANELBOARDS AND LOAD CENTERS

1. General: Provide automatic circuit breaker type panelboards, factory assembled with thermal magnet moulded case circuit breakers of trip ratings as shown on the drawings.
2. Boxes: NEMA 1, general purpose and shall have code size side and end gutters, constructed of galvanized code gauge stel, provide without knockouts.
3. Fronts: flush or surface mounted as scheduled. Trim shall be completed with adjustable trim clamps and directory of glass or clear plastic. directory shall be typewritten and shall indicate room number or service as well as use.
4. Buss Assembly Arrangement: Distribution phase sequence type vertically numbered so that no two consecutively single phase poles and/or spaces shall be connected to the same phase for all branch circuits. All current carrying parts shall be plated.
5. Circuit Breakers: Thermal and magnetic molded case quick make quick break, toggle operated, bolted bus bars, internal common trip with all load side connections of the same breaker in the same gutter for multi pole breakers. All breakers shall have interrupting capacity as scheduled on the drawings or not less than 10,000 AIC sym.(22,000 for loadcenters)if not noted. Series rated breakers shall not be used.
6. Contractor shall coordinate with architectural and other trades to ensure adequate mounting space and clearance before beginning work.
7. Manufacturers: Square D, Cutler-Hammer, GE, Siemens

L. SAFETY SWITCHES (DISCONNECTS)

1. Provide Heavy Duty devices rated as shown on plans.
2. Enclosures shall be rated NEMA 3R where exposed to weather.
3. Manufacturers: Square D, Cutler-Hammer, GE, Siemens

M. STARTERS AND CONTACTORS.

1. All line voltage and heater control starters and contactors except as specified by others are to be provided and installed under this section.

N. WIRING DEVICES

1. Devices shall be commercial grade.
2. Provide medium, white nylon device plates.
3. Devices shown adjacent shall be installed under a common device plates
4. Manufacturers: Hubbell, Pass and Seymour, Arrow Hart, or Leviton

O. LIGHTING

1. Emergency battery units shall provide emergency back-up power for 90 minutes (minimum) upon loss of normal power. Unit shall be self contained including charging electronics. Unit shall have a power on indicator and test switch, on indicator and test switch.
2. See plans for further specifications.
3. Refer to architectural plans and details for exact locations of light fixtures and equipment.
4. Exit signs and emergency fixtures shall be unswitched unless noted otherwise. Where switched, fixtures shall have an unswitched conductor to sense the loss of normal power.

I. TOGGLE SWITCHES SHALL BE SPECIFICATION GRADE, 20A, 120V HUBBELL CAT #221-WH1 WITH WHITE PLASTIC DEVICE PLATES

J. DUPLEX RECEPTACLES SHALL BE SPECIFICATION GRADE, 20A, 120V, HUBBELL CAT #5262-WH1 WITH WHITE PLASTIC DEVICE PLATES

K. LIGHTING FIXTURES AND LAMPS SHALL BE FURNISHED AND INSTALLED AS INDICATED ON THE FIXTURE SCHEDULE ON THE DRAWINGS

L. ALL ELECTRICAL EQUIPMENT AND SYSTEMS SHALL BE TESTED AND ADJUSTED FOR PROPER OPERATION. COMPLETED WIRING SYSTEM SHALL BE FREE OF SHORT CIRCUITS

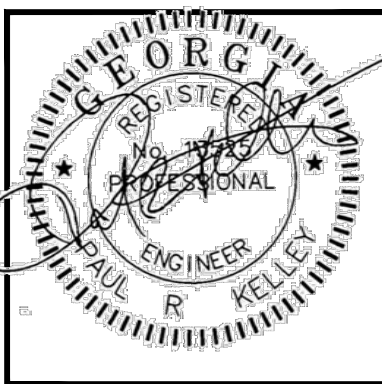
M. PROVIDE CERTIFIED LETTER FOR EACH OF THE FOLLOWING SYSTEMS, THAT THEY HAVE BEEN CHECKED OUT AND ARE FULLY OPERATIONAL:

A. BUILDING ELECTRICAL LIGHTING AND POWER. ALSO INCLUDE IN THIS SECTION A CERTIFICATION BY AN INDEPENDANT REGISTERED ELECTRICAL ENGINEER THAT THE SERVICE GROUNDING SYSTEM FOR EACH SERVICE PANEL, HAS BEEN TESTED AND IS WITHIN ACCEPTABLE LIMITS, AND THAT THE VOLTAGE AT EACH SERVICE ENTRANCE PANEL HAS BEEN TESTED AND IS WITHIN ACCEPTABLE LIMITS.

N. CHECK WITH LOCAL AUTHORITIES FOR USE OF ROMEX CABLE. GIVE ALTERNATE PRICE FOR ROMEX CABLE IN LIEU OF CONDUIT.

O. BACK TO BACK RECEPTACLES IN ONE HOUR WALL SHALL BE SEPARATED BY APPROVED FIRE STOP.

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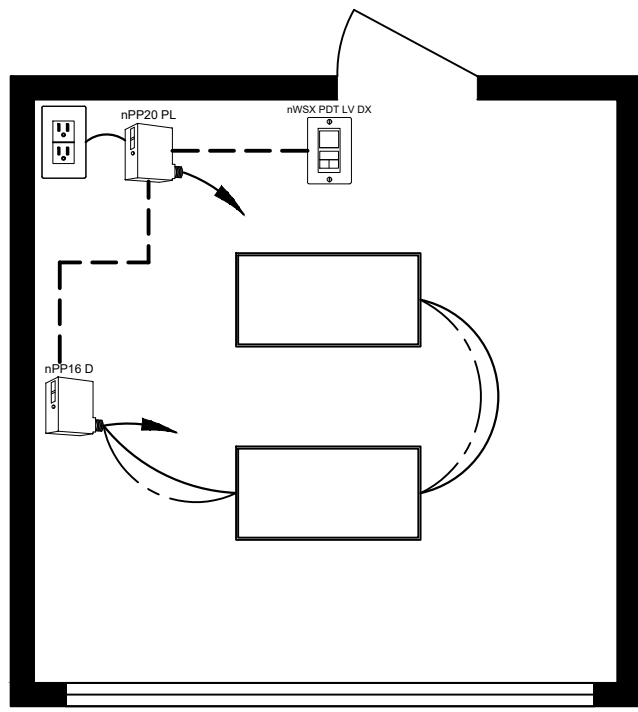
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SEQUENCE OF OPERATION:

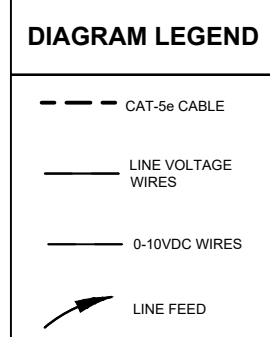
- LIGHTS
- ALL LIGHTS ARE DIMMABLE
 - ALL FIXTURES ARE CONTROLLED TOGETHER
 - MAXIMUM LEVEL CAN BE LIMITED TO 80%

- OCCUPANCY
- LIGHTS MUST BE TURNED ON MANUALLY (OR OPTIONALLY CAN BE CONFIGURED TO COME ON AUTOMATICALLY TO 50%)
 - PLUG LOAD TURNS ON AUTOMATICALLY
 - LIGHTS AUTOMATICALLY TURN OFF WHEN ROOM BECOMES VACANT

- DAYLIGHT
- NOT REQUIRED FOR OFFICES WITHOUT WINDOWS OR HAVE SIDE LIT LOAD < 100W

- MANUAL
- ON/OFF & RAISE/LOWER CONTROL OF LIGHTS

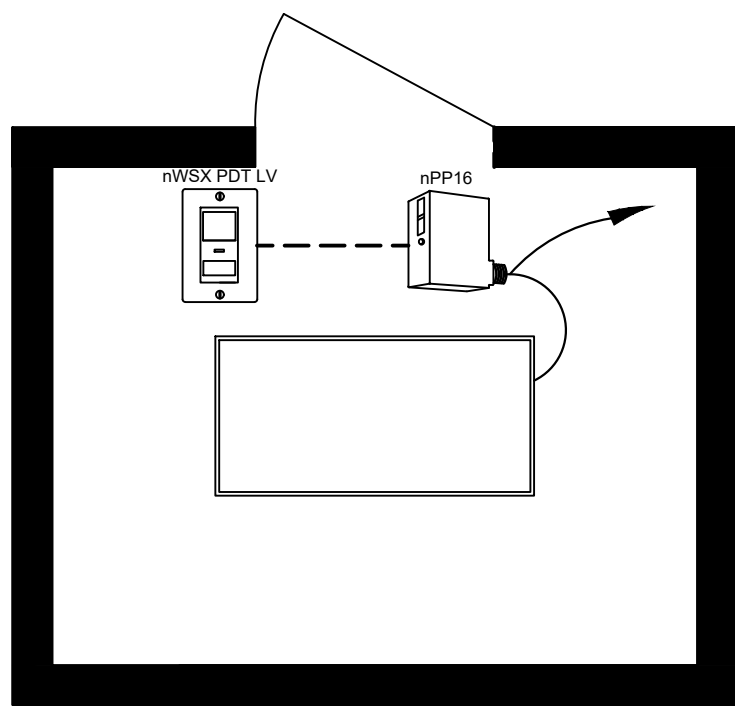
- ADDITIONAL OPTIONS:
- SURFACE OR RECESSED MOUNT SENSORS ALSO AVAILABLE
 - SUBSTITUTE MODEL RPP160 GA FOR DEFAULT MANUAL ON FUNCTIONALITY OR RPP160 PA FOR DEFAULT AUTO-ON TO 50% FUNCTIONALITY
 - ROOM CAN BE CONNECTED TO NIGHT BACKBONE TO ENABLE NETWORK CONTROL INCLUDING THE BASED CONTROLS AND INTEGRATION WITH BUILDING MANAGEMENT SYSTEMS
 - FOR EMERGENCY LIGHTING CONTROL ADD A RPP16 D ER PACK



BILL OF MATERIAL		
QTY	PRODUCT #	DESCRIPTION
1	RPP16 D	RELAY PACK WITH 0-10V DIMMING OUTPUT
1	RPP20 PL	PLUG LOAD RELAY PACK
1	HWSX POT LV DX	WALL SWITCH OCCUPANCY ON/OFF & RAISE/LOWER

SUPPORTS THE FOLLOWING REQUIREMENTS:

- ✓ FULL OFF VIA OCCUPANCY SENSOR
- ✓ LOCAL SWITCH
- ✓ PLUG-LOAD CONTROL



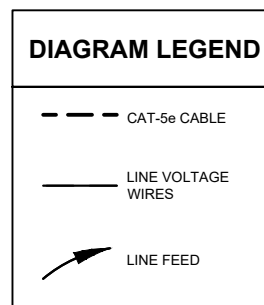
SEQUENCE OF OPERATION:

- LIGHTS
- SWITCHING ONLY, NO DIMMING

- OCCUPANCY
- LIGHTS AUTOMATICALLY TURN ON WHEN OCCUPANT ENTERS
 - LIGHTS AUTOMATICALLY TURN OFF WHEN SPACE BECOMES VACANT

- MANUAL
- MASTER ON/OFF CONTROL OF ENTIRE SPACE

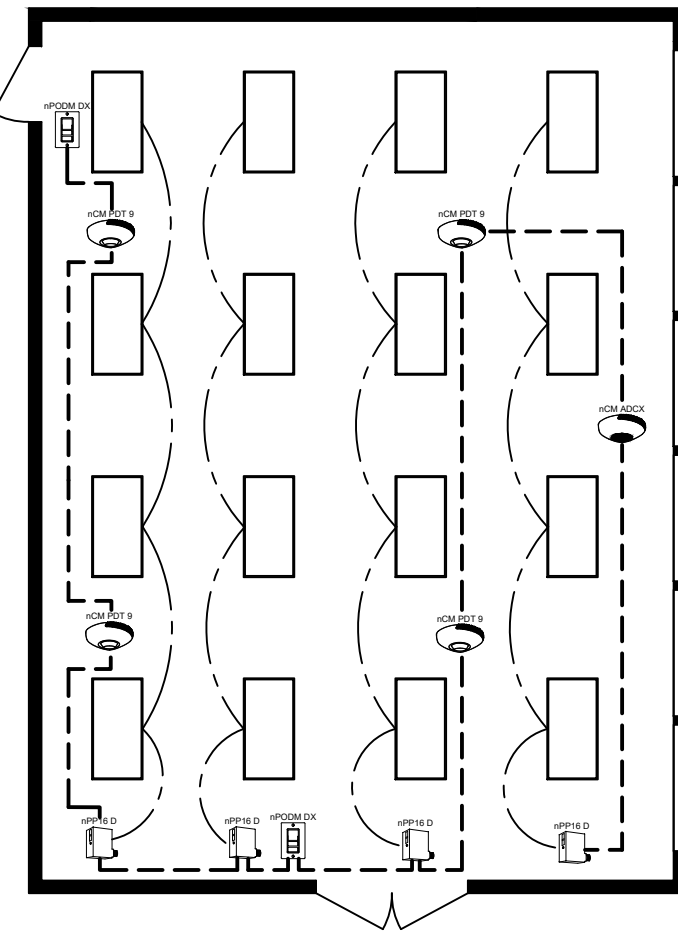
- ADDITIONAL OPTIONS:
- SURFACE OR RECESSED MOUNT SENSORS ALSO AVAILABLE
 - SPACE CAN BE CONNECTED TO NIGHT BACKBONE TO ENABLE NET-WORK CONTROL OR TIME SCHEDULES (C406.2.2)
 - FOR EMERGENCY LIGHTING CONTROL ADD A RPP16 D ER PACK



BILL OF MATERIAL		
QTY	PRODUCT #	DESCRIPTION
1	RPP16	RELAY PACK
1	HWSX POT LV	DUAL TECHNOLOGY OCCUPANCY WALL SWITCH

SUPPORTS THE FOLLOWING REQUIREMENTS:

- ✓ FULL AUTO-OFF VIA OCCUPANCY SENSOR (C406.2.2)
- ✓ LOCAL SWITCH (C406.2.2)



SEQUENCE OF OPERATION:

- LIGHTS
- ALL LIGHTS ARE DIMMABLE
 - EACH ROW CONTROLLED INDEPENDENTLY
 - MAXIMUM LEVEL CAN BE LIMITED TO 80%

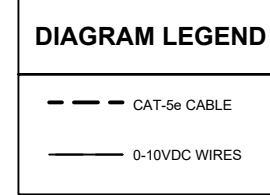
- OCCUPANCY
- LIGHTS MUST BE TURNED ON MANUALLY (OR CAN BE RECONFIGURED TO BE AUTO ON TO 50%)
 - LIGHTS AUTOMATICALLY TURN OFF WHEN ROOM BECOMES VACANT

- DAYLIGHT
- SMOOTH CONTINUOUS DIMMING
 - DAYLIGHT ZONES DERIVED BY ROW

- MANUAL
- MASTER ON/OFF & RAISE/LOWER CONTROL OF ENTIRE ROOM
 - OPTIONAL INDIVIDUAL ROW CONTROL (ADD RPP160 4 DX)

- ADDITIONAL OPTIONS:
- SURFACE OR RECESSED MOUNT SENSORS ALSO AVAILABLE
 - ADD GRAPHIC WALLPLOT (MODEL RPP160 GFV) FOR INDIVIDUAL ROW AND UP TO 16 SCENE CONTROL
 - ROOM CAN BE CONNECTED TO NIGHT BACKBONE TO ENABLE NETWORK CONTROL OR THE SCHEDULES (C406.2.2)
 - FOR EMERGENCY LIGHTING CONTROL ADD A RPP16 D ER PACK

*LINE VOLTAGE WIRES NOT SHOWN



BILL OF MATERIAL		
QTY	PRODUCT #	DESCRIPTION
4	RPP16 D	RELAY MODULE WITH 0-10V DIMMING OUTPUT
2	RPP160 DX	ON/OFF & RAISE/LOWER WALL POC
4	HCM POT S	DUAL TECHNOLOGY OCCUPANCY SENSOR
1	HCM ADCX	AUTOMATIC DIMMING CONTROL PHOTOCELL

SUPPORTS THE FOLLOWING REQUIREMENTS:

- ✓ FULL AUTO-OFF VIA OCCUPANCY SENSOR (C406.2.2)
- ✓ LOCAL SWITCH (C406.2.2)
- ✓ LIGHTING REDUCTION (C406.2.2)
- ✓ DAYLIGHT DAYLIGHT ZONE (C406.2.2)

Scottsdale® Legacy (CRUS)
LED Canopy Luminaire



OVERVIEW	
Lumen Package (lm)	5,000 - 22,000
Wattage Range (W)	30 - 162
Efficiency Range (LPW)	114-156
Weight lbs (kg)	25 (10.4)

QUICK LINKS

Ordering Guide	Performance	Photometrics	Dimensions
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FEATURES & SPECIFICATIONS

Construction

- Features a ultra-slim 1 1/16" profile die-cast housing, with flat clear or diffused tempered glass lens. Unit is water-resistant, sealed and IP66 rated. Integral designed heat sink does not trap dirt and grime, ensuring cool running performance over the life of the fixture.

- Standard color is white and is finished with LSI's DuraGrip® polyester powder coat process. DuraGrip withstands extreme weather changes without cracking or peeling.

- Luminaire assembly incorporates a pressure stabilizing vent breather to prevent seal fatigue and failure.

Optical System

- Features an array of select, mid-power, high brightness, high efficiency LED, 3000K, 4000K, 5000K color temperature, 80 CRI (nominal).
- Choice of Symmetric or Asymmetric distribution. Asymmetric provides a wider distribution pattern. Optional symmetric with diffused lens also available.
- Forward Throw distribution provides an industry leading unique distribution pattern that illuminates the area under the gas canopy and beyond. The forward through optic directs the light to the forecourt from the gas canopy eliminating the need for supplemental floodlights and extensive perimeter lighting.

- Diffuse lens available as an option to soften brightness of the luminaire.

- Six Lumen Packages: 5,000, 9,000, 10,000, 13,000, 18,000 and 22,000 Lumens.

Electrical

- High performance factory programmable driver features over-voltage, under-voltage, short-circuit and over-temperature protection with integral 6KV surge protection that meets IEEE C62.41.2 and ANSI C82.77-5 Location Category C Low standards. Additional field replaceable 10KV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2). Custom lumen and wattage packages available.

- Driver components are fully encased in potting for moisture resistance. Complies with IEC and FCC standards. 0-10 V dimming supplied standard with all drive currents.

- Die-cast aluminum, wet location rated driver/electrical enclosure is elevated above canopy deck to prevent water entry, provides "breath-out" connection to primary wiring and acts as the primary heat sink ensuring cool operation of internal components for longer life. Seals to optical housing via one-piece molded silicone gasket.

- Universal voltage power supply, 120-277 VAC, 50/60 HZ and 347-480 VAC, 50/60 HZ input.

- -40°C to 55°C (-40°F to 131°F) ambient operating temperature. (Varies based on lumen package and mounting site see performance data for specifics.)
- Minimum 60,000 to 100,000 hours depending upon the ambient temperature of the installation location (see performance data for specifics.)

Hazardous Location

- Designed for lighter than air fuel applications. Product is suitable for Class I Divisions 2 only when properly installed per LSI Installation instructions. See lsicorp.com for specific guidance. Not available on SLV.

Installation

- One-person installation.
- Installs in a 12" or 16" deck pan. Deck penetration consists of a 4" hole, simplifying installation and water sealing. Unit is designed to quickly retrofit into existing Scottsdale (4") hole as well as openings for Encore and Encore Top Access and to reconnect wiring for the SC/ECTA without having to relocate the conduit.
- Retro panels are available for existing Encores as well as kits for recessed and 2x2 installations (see separate spec sheets). Support brackets are provided standard, to prevent sagging of deck.

Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to <https://www.lsicorp.com/resources/terms-conditions-warranty/> for more information.

Listings

- UL and ETL listed to UL 1598, UL 8750 and other U.S. and International safety standards. Suitable for wet locations.
- DesignLights Consortium® (DLC) Premium qualified product. Not all versions of this product may be DLC Premium qualified. Please check the DLC Qualified Products List at www.designlights.org/DLP to confirm which versions are qualified.
- Meets Buy America Act requirements.
- ICA compliant with 3000K or lower color temperature.

Scottsdale® Legacy (CRUS) LED Canopy Luminaire

Have questions? Call us at (800) 436-7800

ORDERING GUIDE

TYPICAL ORDER EXAMPLE: CRUS SCFT LED VHO 50 UE WHIT DFL							
Prefix	Distribution	Light Source	Driver	Color Temperature	Input Voltage	Finish	Options¹
CRUS - LED Canopy Luminaire	SC - Symmetric AC - Asymmetric	LED	SLW - 5,000 Lumens VW - 9,000 Lumens VW - 11,000 Lumens S - 13,000 Lumens H - 15,000 Lumens VHO - 22,000 Lumens Custom Lumen Packages¹	30 - 3000K 40 - 4000K 50 - 5000K	UE - Universal Voltage (120 - 277V) HV - High Voltage (347 - 480V)	WHIT - White BRZ - Bronze BLK - Black	HL - Hazardous Location DL - Diffuse Lens
SCFP - Combination Standard Symmetric and Forward Throw		VHO - 22,000 Lumens					

Need more information? Click here for our datasheet. Have additional questions? Call us at (800) 436-7800

ACCESSORY ORDERING INFORMATION (Accessories are field installed)

Order Number	Description	Order Number	Description
52946	Retrofit Panels - EC / ECTA / SCF to CRUS, for 16" Deck Panel	35402	Retrofit RX Cover Panel Blank (no hole)
52021	Retrofit Panels - ECTA / SCF to CRUS, for 12" Deck Panel	1320540	Kit - Hole Plugs and Silicone (enough for 25 retrofits)
357282	Retrofit 2x2 Cover Panel Blank (no holes)		

¹Consists of (2) 7/8" hole plugs, (100) 5/8" hole plugs and (1) tube of RTV

1. At distribution offices a reflector which shows the back from a standard SC distribution.

2. If distribution orders are available with 100,000 hours package.

3. Custom lumen and wattage packages available consult factory values are within industry standard tolerances but not for field use.

4. Not available with 2x2.

5. Not available on 2x2.

KAX LED Size 2
LED Area Luminaire



Specifications

EPA:	1.1 ft² (0.1 m²)
Length:	34"
Width:	13"
Height:	8"
Weight (max):	41 lbs (18 kg)

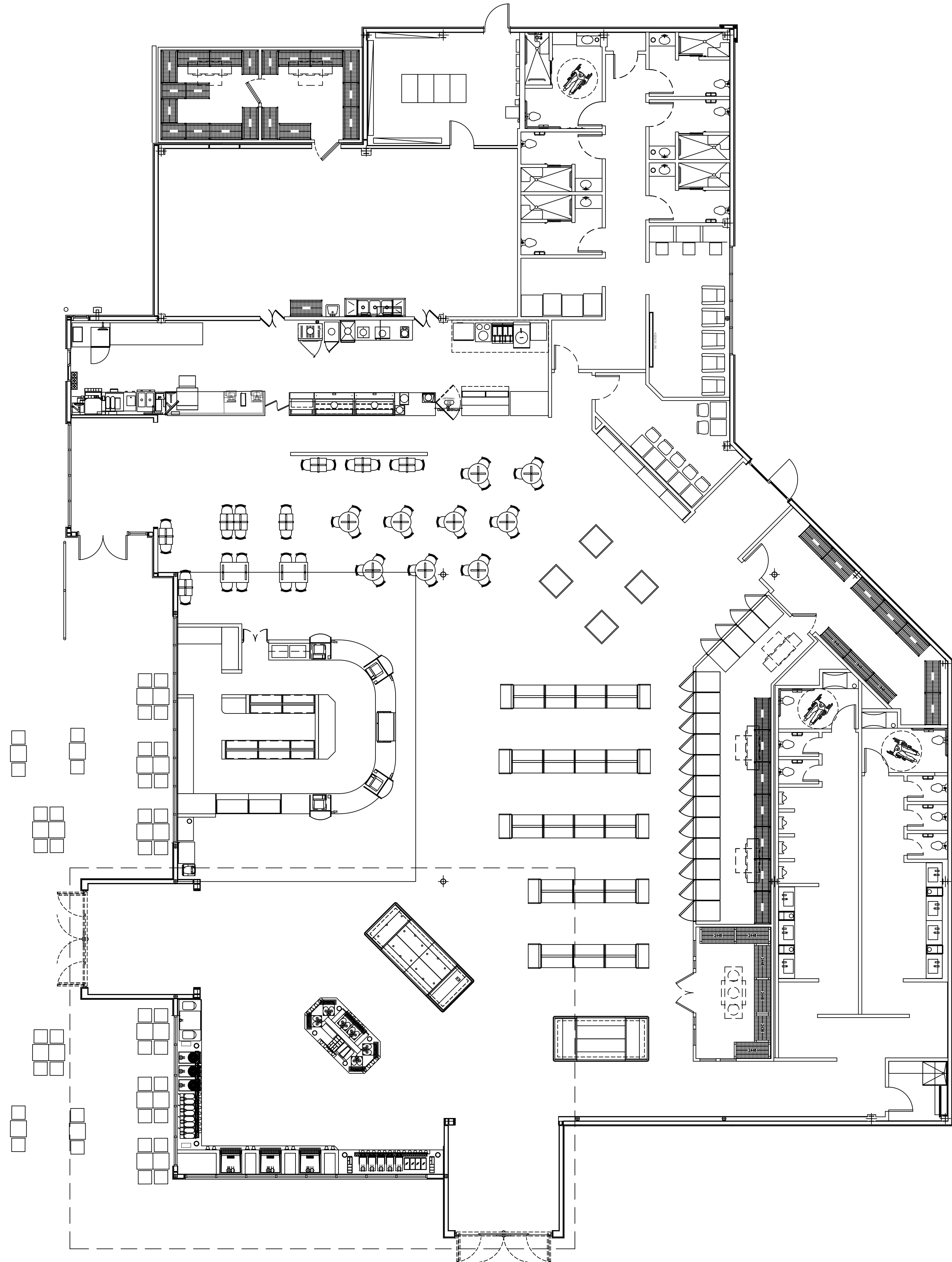


A+ Capable options indicated by this color background.

Ordering Information

EXAMPLE: KAX2 LED P2 40K R3 MVOLT SPA DDBXD					
Series	Performance Package¹	Color temperature	Distribution	Voltage	Mounting
KAX2 LED	P1 P2 P3	30K 3000K 40K 4000K 50K 5000K	R2 Type 3 R4 Type 4 R5 Type 5	MVOLT¹ 120V¹ 208V¹ 240V¹ 347V¹ 480V¹	Shipped included SPA RPA Square pole mounting Round pole mounting (Includes round and square mounting)

Control options		Other options		Finish/covered	
Shipped installed		Shipped installed		DDBXD Dark bronze	
FEB	Field-installed back-mount only (Controls order separately) ^{11,12}	R5	Round pole-mount only ^{11,12}	DDBD Dark	
FEB	Field-installed back-mount only (Controls order separately) ^{11,12}	DF	Double face (120, 277, 347V) ^{11,12}	DDBD Dark	
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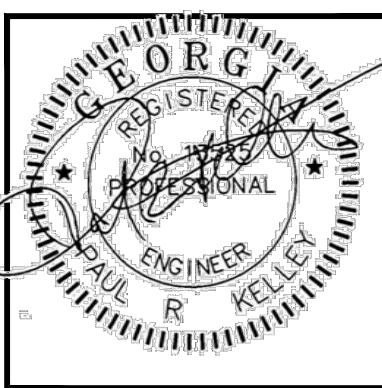
FLOOR PLAN - POWER AND RECEPTACLE LAYOUT
SCALE: 1/8" = 1'-0"

ELECTRICAL LEGEND:	
Ⓢ	DUPLEX RECEPTACLE WITH HEIGHT REQUIREMENT
Ⓢ	4-FLX RECEPTACLE WITH HEIGHT REQUIREMENT
Ⓢ	DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER BACKSPLASH
Ⓢ	GROUND FAULT INTERRUPT RECEPTACLE
Ⓢ	WATERPROOF GROUND FAULT INTERRUPT RECEPTACLE
Ⓢ	SMPLX RECEPTACLE (VERIFY CONFIGURATION WITH EQUIPMENT SUPPLIER)
Ⓢ	FLOOR MOUNTED J-BOX
Ⓢ	TELEPHONE/DATA CONNECTION AS NOTED
Ⓢ	WIFI ACCESS POINT
Ⓢ	DUPLEX RECEPTACLE FOR TV, HEIGHT TO BE CONFIRMED IN FIELD, DATA CONNECTION INCLUDES
Ⓢ	JUNCTION BOX FOR DIRECT WIRED EQUIPMENT
Ⓢ	EXHAUST FAN MOTOR (WIRE TO LIGHT CIRCUIT)
Ⓢ	DOOR ACTIVATED CHIME
Ⓢ	CHIMES - SWITCH ACTIVATED UPON DOOR OPENING
Ⓢ	SWITCH
Ⓢ	ELECTRICAL RACEWAY
ALL ELECTRICAL RECEPTACLES IN CABINETS TO BE INSTALLED IN ELECTRICAL CHASE OR PROVIDE CONTINUOUS RACEWAY WITH 12" CENTERS	

ELECTRICAL NOTES:	
1.	ELECTRICAL CONTRACTOR TO PROVIDE COMPLETE INSTALLATION INCLUDING: TELEPHONE, LOW VOLTAGE, AND FINAL CONNECTIONS TO ALL EQUIPMENT, LIGHTING, AND RECEPTACLES.
2.	ALL ELECTRICAL MATERIALS AND INSTALLATIONS TO COMPLY WITH ALL LOCAL, STATE, AND NATIONAL ELECTRICAL CODES AND ETHICAL CONSTRUCTION PROCEDURES.
3.	PROVIDE ELECTRICAL FOR HVAC SYSTEM AS REQUIRED BY LOCAL CONTRACTOR.
4.	SEE REFLECTED CEILING PLAN FOR ADDITIONAL ELECTRICAL REQUIREMENTS.
5.	ELECTRICAL SHOWN ON PLANS FOR REFERENCE ONLY. PARADON SOLUTIONS ASSUMES NO RESPONSIBILITY FOR FINAL LOCATION OF RECEPTACLES, SIZE OF PANELS, AND WIRE LOCATIONS.
6.	REFRIGERATION INSTALLATION CONTRACTOR TO VERIFY WITH OWNER OR EQUIPMENT SUPPLIER FOR EXACT SIZING AND QUANTITY OF EQUIPMENT TO BE USED.
7.	PROVIDE J-BOX OR ELECTRICAL STUB-UP FOR ALL RECEPTACLES TO BE MOUNTED IN CABINETS IN KITCHEN AND FOOD SERVICE AREAS. WIRE WING SPACE IS NOT PROVIDED. ANY STUB-UP MUST NOT INTERFERE WITH WATER SUPPLY STUB-UP.
8.	PROVIDE ELECTRICAL SUPPLY IN WALLS, CEILING FUR-DOWNS AND ISLANDS FOR INTERIOR GRAPHICS. REFER TO INTERIOR DESIGN DOCUMENTS FOR CONFIRMATION.
9.	PROVIDE ELECTRICAL SUPPLY FOR AIR-WATER AND OUTLETS ON ALL POLE LIGHTS REFER TO SITE PLAN FOR LOCATION.
10.	PROVIDE ELECTRICAL SUPPLY TO TOWERS FOR EXTERIOR SIGNAGE.
11.	PROVIDE ELECTRICAL CONDUIT AND PULL WIRE TO J-BOXES NOTED ON ELECTRICAL PLAN FOR FUTURE ELECTRICAL NEEDS.
12.	ELECTRICAL CONTRACTOR IS TO CONFIRM INSTALLATION OF ALL OUTLETS, SWITCHES, THERMOSTATS, ETC. WILL NOT INTERFERE WITH PLACEMENT OF CABINETS, EQUIPMENT, AND/OR GRAPHICS.

PRK Services, LLC

1245 Rainey Rd
Macon, GA 31220
(478)474-8794 ph



SHEET TITLE

REVISIONS

JOB TITLE

PERLIS TRUCK STOP RENOVATION
39T ROCKHOUSE ROAD E

CORDELE, GEORGIA 31015

Drawn
MFK

Proj no.
2351

Checked
PRK

Date
05/18/2023

Sheet Number

E-200

- ① FIXTURES AND SWITCHES SUPPLIED W/COOLER/FREEZER, INSTALLED AND CONNECTED BY E.C.
- ② COORDINATE FIXTURE MOUNTING HEIGHT AND LOCATION REQUIREMENTS WITH ARCHITECTURAL DRAWINGS/DETAILS/ELEVATIONS PRIOR TO ROUGH-IN.