

LIGHTING PLAN KEYED NOTES

- 1 WIRE EXIT AND EMERGENCY LIGHT FIXTURES TO CIRCUIT NO. 18 PANEL LPA PROVIDE LOCK-ON CIRCUIT BREAKER
- 2 WIRE NIGHT LIGHT FIXTURES TO CIRCUIT NO. 28 PANEL LPA PROVIDE LOCK-ON CIRCUIT BREAKER
- 3 WIRE STROBE LIGHTING AND SIGN CIRCUITS THROUGH THE SWITCH

General Notes

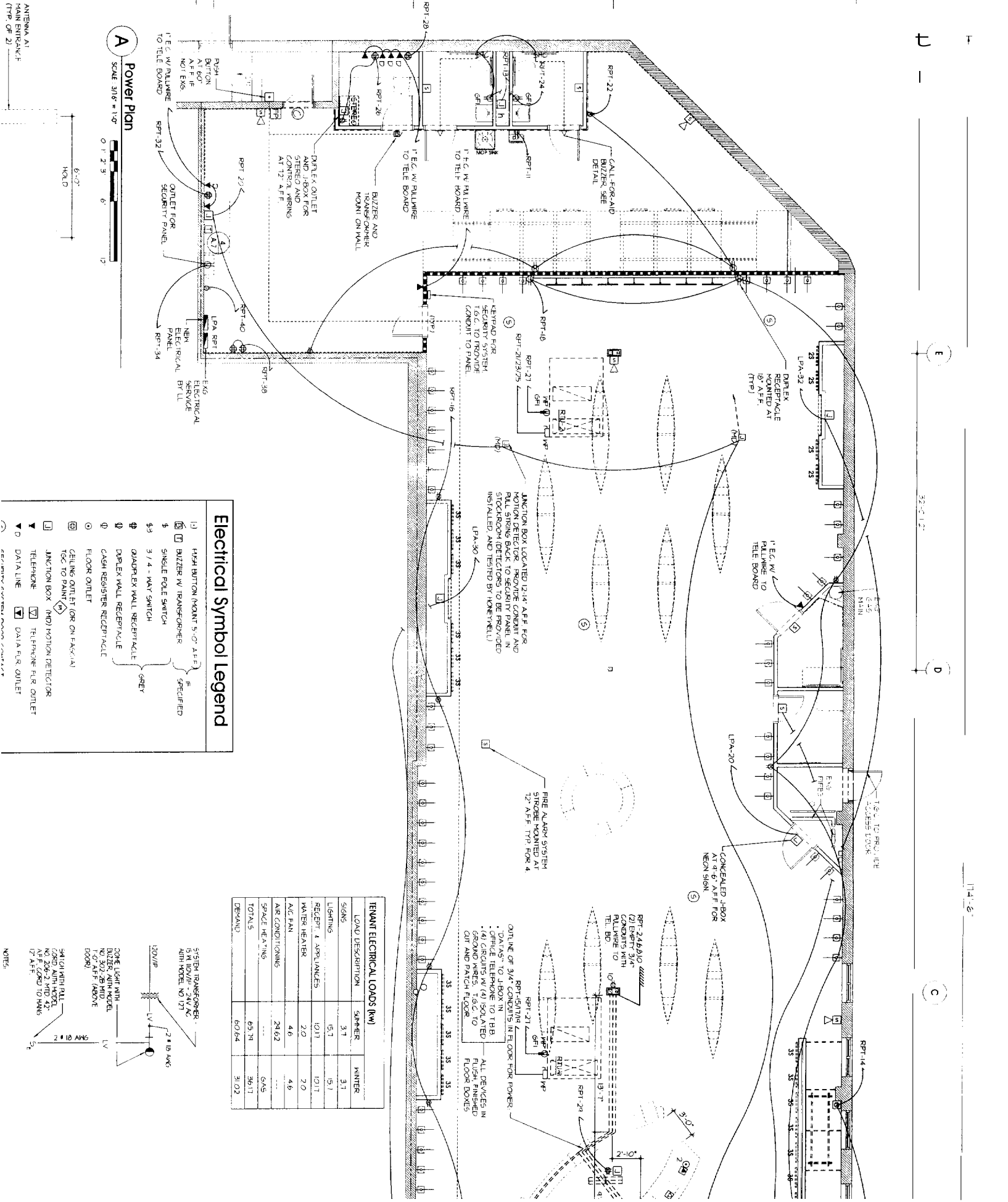
ALIGN LIGHTS IN PATTERN AS SHOWN
 IT IS THE CONTRACTOR'S RESPONSIBILITY TO AIR ALL SPOTS/LIGHTS PER TENANT'S DIRECTION
 PROVIDE HANGER AND SAFETY WIRE FOR LIGHT FIXTURES, SPEAKERS AND AIR SUPPLY/RETURN DIFFUSERS (AS REQUIRED PER LOCAL CODES)
 SEE MECHANICAL DRAWINGS FOR DIFFUSER LOCATIONS, ARCHITECTURAL DRAWINGS DETERMINE PROVIDE ADEQUATE CLEARANCES FOR DUCTS AND RELIABLE ARRANGEMENT ITEMS NECESSARY TO MAINTAIN THE SPECIFIED CEILING HEIGHT ABOVE THE FINISH FLOOR FOR LIGHT FIXTURES.
 ALL CEILING HEIGHTS INDICATED ON PLANS ARE FROM 100' OF FINISH FLOOR TO UNDERSIDE OF FINISH CEILING UNLESS OTHERWISE NOTED

Light Fixture Schedule

QTY.	CODE	TYPE	MANFR.	CAT.#	VOLTS	LAMP	DESCRIPTION	MOUNT
38	A *	⊕	AMERLUX	P03-1001T	120V	4x600/CDM/RSK	PENDANT LIGHT AMERLUX PENDULITE III	PENDANT
61	C	▼	CONTECH	CL-1836/2B	120V	60PAR38B/R/C/FL	HALOGEN TRACK FIXTURE PAR38 (B.A.C.K.)	PENDANT
21	CI	▼	CONTECH	CL-1836/2B	120V	60PAR38B/R/C/FL	HALOGEN TRACK FIXTURE PAR38 (B.A.C.K.)	FASCIA
34	D	⊕	AMERLUX	MARI-100-H-B-COM-120-IM	120V	4x600/CDM/RSK	METAL HALIDE WALL WASH LIGHT (B.A.C.K.)	
3	E	▬	MERCURY	M406-292-0C-T-4A-EL-B-120V	120V	PHILIPS	4 x 2 LAMP STRIP LIGHT W/ WRAP AROUND ACRLT.	SMART ACE
10	F	▬	MERCURY	MM 232 0C / 78T-EL-B-120V	120V	PHILIPS	4 x 2 LAMP STRIP LIGHT W/ WRAP AROUND ACRLT.	SMART ACE
4	G	○		1028P/1029M	120V	60PAR38B/R/C/FL	PAR38 RECESSED DOWN LIGHT	RECESSE
0	GI	○	LIGHTOLIER	6031C/CDM 6032D/MSI	120V	PHILIPS FL T32W/30/40	FLUORESCENT DOWNLIGHT	RECESSE

NOTHING SHALL BE ATTACHED DIRECTLY TO THE REAR DECK. ALL CONDUIT/RUNGINGS SUPPORTS SHALL BE FROM THE ROOF JOIST SYSTEM. ANY FIXTURE OR SUPPORTING STRUCTURAL MEMBER MUST BE APPROVED BY THE LANDLORD PRIOR TO INSTALLATION.

* ALL CEILING EQUIPMENT CONDUITS, DUCTS, SPRINKLERS, J BOXES ETC. TO BE INSTALLED IN A NEAT AND ORDERLY FASHION.



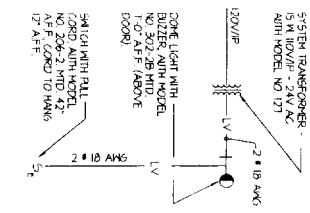
A
Power Plan
 SCALE 3/16" = 1'-0"
 0' 2' 3' 6' 12'

Electrical Symbol Legend

- 1) REAR BUZZER (MOUNT 5'-0" A.F.F.)
- 2) BUZZER W/ TRANSFORMER
- 3) SINGLE POLE SWITCH
- 3/4 3/4 - WAY SWITCH
- 4) QUADREX WALL RECEPTACLE
- 5) QUADREX WALL RECEPTACLE
- 6) CASH REGISTER RECEPTACLE
- 7) FLOOR OUTLET
- 8) CEILING OUTLET (ON F.A.F.F.)
- 9) TGC TO PAINT
- 10) JUNCTION BOX (IND) MOTION DETECTOR
- 11) TELEPHONE
- 12) TELEPHONE FLR OUTLET
- 13) DATA LINE
- 14) DATA FLR OUTLET

TENANT ELECTRICAL LOADS (KW)

LOAD DESCRIPTION	SUMMER	WINTER
SIGNS	3.7	3.7
LIGHTING	15.1	15.1
RECEPT. & APPLIANCES	10.17	10.17
WATER HEATER	2.0	2.0
A/C FAN	4.6	4.6
AIR CONDITIONING	24.62	6.45
SPACE HEATING	65.74	56.17
TOTALS	60.64	31.02
DEMAND		



NOTES:

- 1) SAIGI WITH BALL
- 2) COND. ALTH MODEL NO 206-2 MID 42\"/>

FIXTURE NOTES

- 1. FIXTURES SHALL HAVE THE APPROPRIATE UL LABEL, INCLUDING DAMP OR WET LABEL, TO SUIT THE INSTALLED LOCATIONS.
2. FIXTURES SHALL INCLUDE ACCESSORIES AND FITTINGS REQUIRED FOR A COMPLETE INSTALLATION AND TO COMPLY WITH ALL LOCAL AND NATIONAL CODES.
3. PRIOR TO ORDERING ANY LIGHTING EQUIPMENT, THE CONTRACTOR SHALL VERIFY ALL LOCATIONS AND RECEIVED DEPTHS.
4. LAMP(S) SHALL BE INSTALLED ACCORDING TO THE ATTACKED FIXTURE SPECIFICS.
5. CEILING THICKNESS IN EXCESS OF 3/4" SHALL BE IDENTIFIED IN WRITING BY CONTRACTOR TO THE ARCHITECT.
6. FIXTURES SHALL BE ORDERED WITH THE APPROPRIATE BALLASTS THAT HAVE UL LABEL AND CBM CERTIFICATION.
7. PROVIDE APPROVED FIRE-RATED ENCLOSURES FOR LIGHTING FIXTURES LOCATED IN FIRE-RATED CEILING(S).
8. FIXTURES LOCATED IN WEATED CEILING AREAS SHALL HAVE AN UL LISTED HOUSING (CONTRACTOR TO COORDINATE).

SPECIFICATIONS:

PART 1 GENERAL

1.01 SCOPE

A. PROVIDE ALL ELECTRICAL SYSTEMS INDICATED ON OR INFERABLE FROM CONTRACT DOCUMENTS, COMPLETE IN ALL RESPECTS READY FOR USE BY THE OWNER. THE DRAWINGS AND SPECIFICATIONS ARE SUPPLEMENTARY. IN CASE OF AMBIGUITY, THE MOST STRINGENT PROVISIONS ARE GOVERNING. THE LARGER QUANTITY OR THE HIGHER QUALITY SHALL APPLY.

1.02 MATERIALS AND MANUFACTURERS

A. FURNISH ONLY SCHEDULED OR SPECIFIED PRODUCTS UNLESS SUBSTITUTIONS ARE ACCEPTED IN WRITING BY THE TENANT'S REPRESENTATIVE. MATERIALS AND EQUIPMENT SHALL BE NEW UNLESS OTHERWISE SPECIFIED. MATERIALS AND EQUIPMENT SHALL BE OF HIGHER QUALITY THAN THE MOST STRINGENT PROVISIONS OF THE TENANT'S REPRESENTATIVE.

1.03 SUBSTITUTIONS

A. COORDINATION WITH LANDLORD/UTILITY COMPANIES AND PROVIDE PROPER AND TIMELY SERVICES TO THE PROJECT. WORK SHALL BE IN ACCORDANCE WITH LANDLORD AND/OR UTILITY COMPANY REQUIREMENTS. PROVIDE WRITTEN NOTICE OF SUBSTITUTIONS TO THE PROJECT MANAGER.

1.04 TEMPORARY SERVICES

A. PROVIDE ADEQUATE AND SAFE TEMPORARY ELECTRICAL POWER AND LIGHTING THROUGHOUT THE CONSTRUCTION AND FINISHING OF THE PREMISES FOR ELECTRICAL OCCUPANCY BY THE TENANT. IN ADDITION TO SPECIAL OR UNSUAL REQUIREMENTS, PROVIDE AT LEAST THESE ITEMS:
1. THREE 20A CIRCUITS FOR CONSTRUCTION POWER TO A PROVIDED 6 FT. TEMPORARY CIRCUITS W/ COVER PLATES TO MEET OSHA REQUIREMENTS.
2. THREE OR MORE LIGHT STRINGS SPACED APPROXIMATELY ONE FOOT APART THROUGHOUT THE ENTIRE PROJECT AREA. STRINGS SHALL BE AT LEAST 8 FEET ABOVE THE FLOOR. STRINGS SHALL BE RUN THE LENGTH OF THE STORE SPACE PARALLEL TO THE DIVISION WALLS WITH ONE STRING WITHIN EIGHT FEET OF EACH WALL AND ONE (OR MORE) INTERMEDIATE STRINGS) ARRANGED TO LIMIT THE SPACING BETWEEN ROOMS TO SIXTEEN FEET OR LESS.
3. FLOODLIGHTING AND TASK LIGHTING FOR PAINTING AND FINISH WORK.

1.05 WORKMANSHIP

A. WORK SHALL BE DONE IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE AND OTHER RULES AND REGULATIONS GOVERNING A SPECIFIC PROJECT LOCATION EXCEPT WHERE WORK OF HIGHER QUALITY IS REQUIRED BY THE DOCUMENTS.
1. CONSTRUCTION STANDARDS RECOMMENDED BY THE MOST STRINGENT CODE, UL, ANSI, ETL, OR ASHRAE AND/OR DRAWING SHALL APPLY.

1.06 TESTING

A. CONTRACTOR SHALL BE RESPONSIBLE FOR DEFECTS IN MATERIALS, WORKMANSHIP OR FINISHES, AND FOR MALFUNCTIONS OF ANY ITEMS FINISHED BOTH AT THE TIME OF ACCEPTANCE AND FOR A MINIMUM PERIOD OF ONE YEAR THEREAFTER. CONTRACTOR SHALL BE RESPONSIBLE FOR DEFECTS IN MATERIALS, WORKMANSHIP OR FINISHES, AND FOR MALFUNCTIONS OF ANY ITEMS FINISHED BOTH AT THE TIME OF ACCEPTANCE AND FOR A MINIMUM PERIOD OF ONE YEAR THEREAFTER.

1.07 ACCEPTANCE

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1.08 DEFECTS AND MALFUNCTIONS

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1.09 MAINTENANCE

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1.10 WARRANTY

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1.11 COLOR CODING

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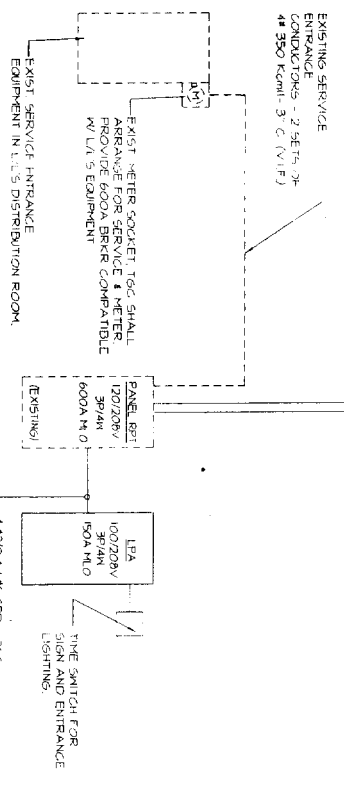
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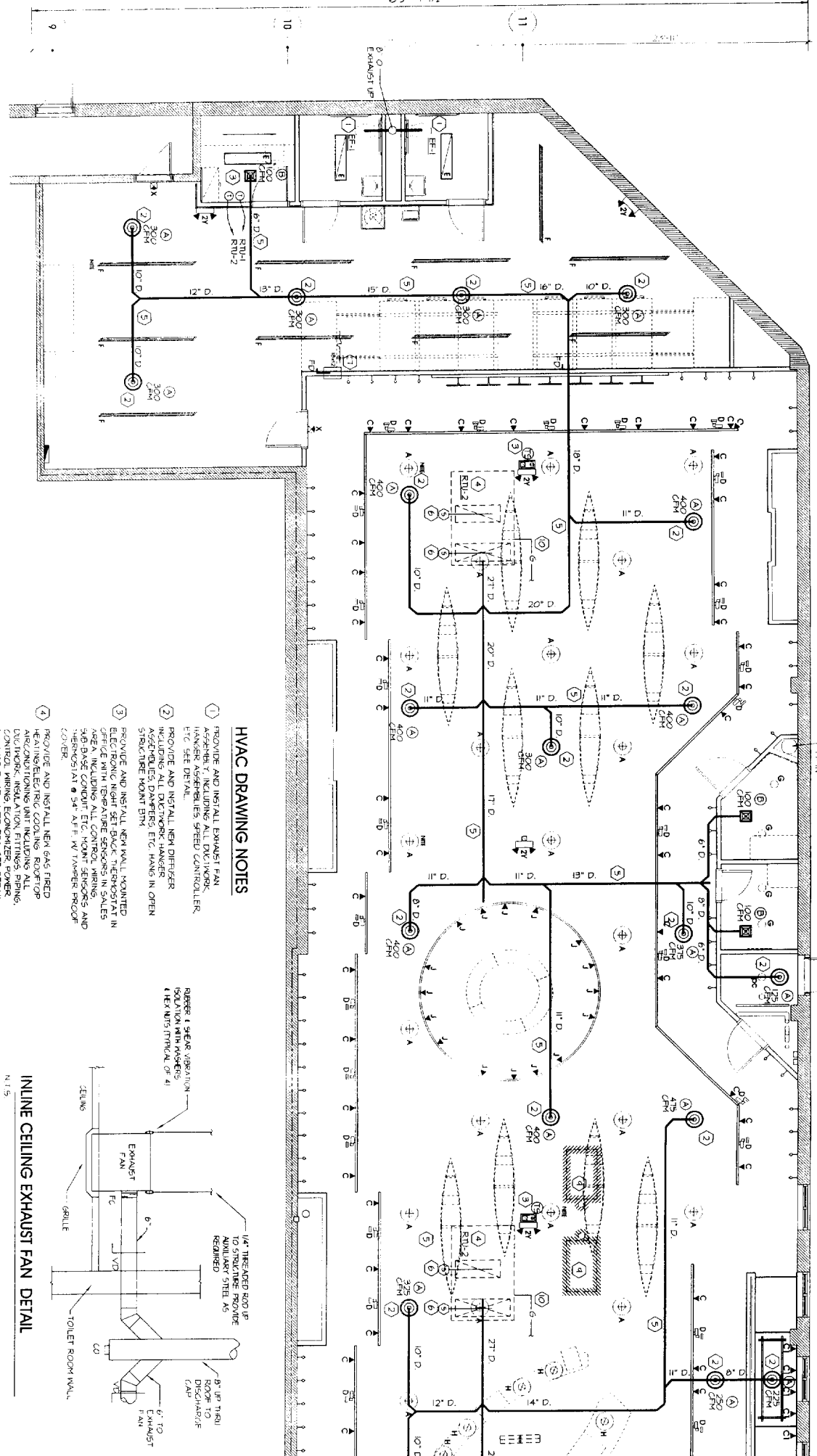
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POWER RISER DIAGRAM NTS

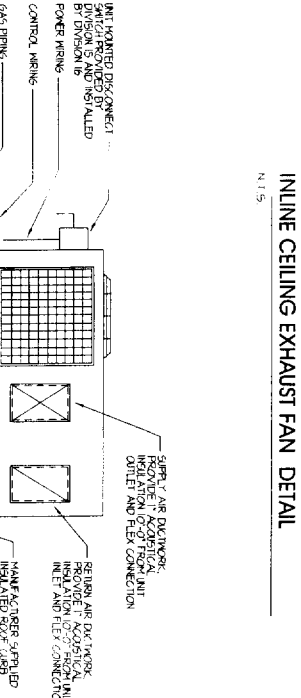
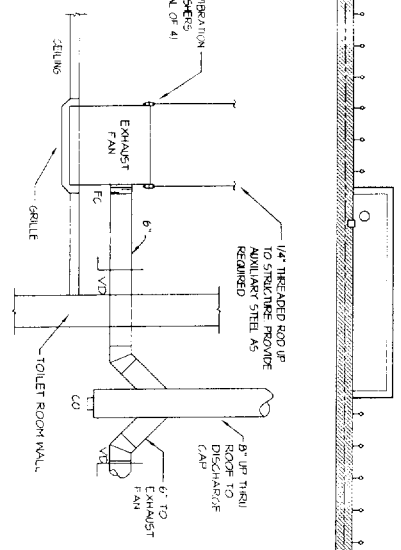
A HVAC Plan
 SCALE 3/16" = 1'-0"

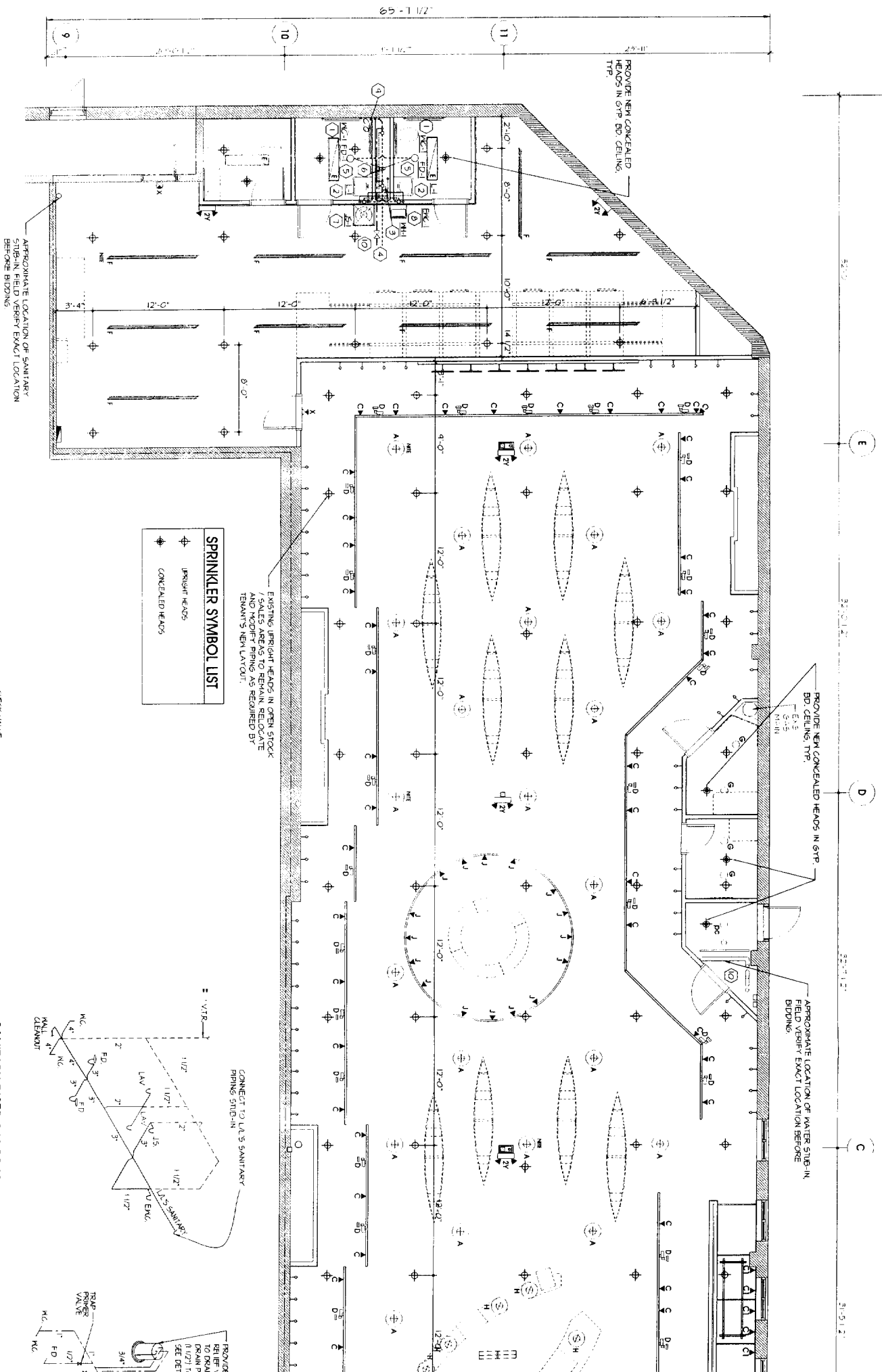


HVAC DRAWING NOTES

- 1 PROVIDE AND INSTALL EXHAUST FAN HANGER ASSEMBLY, INCLUDING ALL DUCTWORK, ETC. SEE DETAIL.
- 2 PROVIDE AND INSTALL NEW DIFFUSER ASSEMBLIES, DAMPERS, ETC. HANG IN OPEN STRUCTURE MOUNT BTH.
- 3 PROVIDE AND INSTALL NEW WALL MOUNTED ELECTRONIC NIGHT SET BACK THERMOSTAT IN OFFICE WITH TEMPERATURE SENSORS IN SALES AREA INCLUDING ALL CONTROL WIRING AND MOUNTING. CONTROL SET POINT: 65°F. W/ TRAVELER PROOF COVER.
- 4 PROVIDE AND INSTALL NEW 6AS FIBER REINFORCED POLYESTER ROD TOP DUCTWORK, INSULATION, FITTINGS, PIPING, CONTROL WIRING, ECONOMIZER, POWER, EXHAUST ROOF CURB, ETC. SEE DETAIL.
- 5 PROVIDE AND INSTALL NEW SFP, Y AIR ASSSEMBLIES, REGULATION FITTINGS, ETC. ALL DUCTWORK SHALL BE PAINTED. VERIFY MOUNTING HEIGHTS W/ ARCHITECT.
- 6 PROVIDE & INSTALL NEW DUCT MOUNTED SMOKE DETECTOR TO SHUT DOWN RTU UPON ACTIVATION AND TO SEND A SIGNAL TO THE FIRE ALARM SYSTEM.
- 7 TSC TO PROVIDE AND INSTALL NEW 18X12 CEILING FLEXIBLE TRANSFER DUCT WITH FIRE DAMPER PER UL STANDARD 555. SEE DETAIL. MTD AS HIGH AS POSSIBLE.
- 8 TSC TO PROVIDE AND INSTALL NEW DUCT MOUNTED FIRE DAMPER WITH ACCESS DOOR

INLINE CEILING EXHAUST FAN DETAIL
 N.T.S.





SPRINKLER SYMBOL LIST

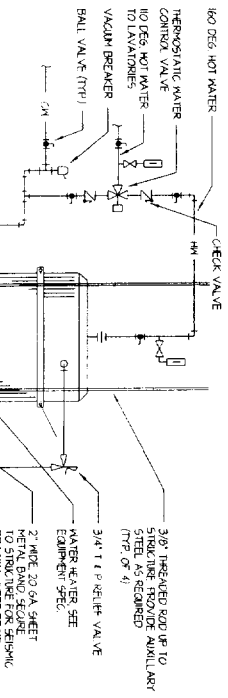
- ◆ UPRIGHT HEADS
- ◆ CONCEALED HEADS

EXISTING UPRIGHT HEADS IN OPEN STOCK / SALES AREAS TO REMAIN, RELOCATE AND MODIFY PIPING AS REQUIRED BY TENANT'S NEW LAYOUT.

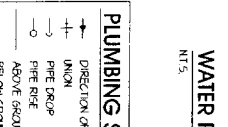
APPROXIMATE LOCATION OF SANITARY SUB-IN FIELD VERIFY EXACT LOCATION BEFORE BIDDING.

PROVIDE NEW CONCEALED HEADS IN GYP. BD. CEILING, TYP.

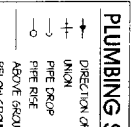
APPROXIMATE LOCATION OF WATER SUB-IN FIELD VERIFY EXACT LOCATION BEFORE BIDDING.



SANITARY RISER DIAGRAM
N.T.S.



WATER R
N.T.S.



PLUMBING S

PLUMBING SYSTEM GENERAL NOTES:

PLUMBING NOTES:

(AS APPLICABLE)

1. WASTE DRAIN AND VENT PIPING SHALL BE SERVICE WEIGHT CAST IRON OR HD STEEL OR DWN COPPER MAY BE USED FOR PIPING 2" OR LESS
2. ABOVE GROUND PORTABLE WATER PIPING SHALL BE TYPE "L" HARD DRAWN COPPER WITH BRONZE FITTINGS, BELOW GROUND PORTABLE WATER PIPING SHALL BE TYPE "K" SOFT DRAWN COPPER, INSTALLED IN SCHEDULE 40 PVC CONDUIT
3. INSULATE HOT COLD AND CONDENSATE PIPING WITH 1" THICK OREX CORNING FIBER GLASS SUII APPROVED EQUAL, INSTALLED PER MANUFACTURERS REQUIREMENTS. INSULATION SHALL BE CONTINUOUS THROUGH WALLS, FLOORS, CEILING, ETC.
4. THE PLUMBING CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS (APPLICATIONS AND TESTS) WITH THE LOCAL HEALTH DEPARTMENT FOR WATER SERVICE REQUIREMENTS.
5. THE CONDENSATE WATER PIPING SYSTEM SHALL BE SITUATED PER HEALTH CODE.
6. INSULATE STORE PIPING WITH 1" THICK OREX CORNING FIBERGLASS SUII ON ALL HORIZONTAL RIMS BELOW ROOF LINE.
7. PROVIDE AIR DAMPERS AT ALL FIXTURES OR SHOCK ABSORBERS AT EACH BATTERY
8. SECTIONAL SHUT-OFF BALL VALVES ON EACH BRANCH AND RISER, CLOSE TO MAIN WATER BRANCH OR RISER SERVES 2" OR MORE PLUMBING FIXTURES OR EQUIPMENT CONNECTIONS, AND ELSEWHERE AS INDICATED
9. PROVIDE SHUT-OFF VALVES AT INLET OF EACH PLUMBING EQUIPMENT TRUCK AND AT INLET OF EACH PLUMBING FIXTURE AND ELSEWHERE AS INDICATED
10. INSTALL CLEANOUTS IN DRAIN PIPING AS INDICATED, AND AS REQUIRED BY ALL PLUMBING CODES, AT EACH CHANGE IN DIRECTION OF PIPING GREATER THAN 45 DEGREE, AND INTERMEDIATE FOR PIPING 4" AND SMALLER AND 120' FOR LARGER PIPING AND INTERMEDIATE FOR PIPING 4" AND SMALLER AND 120' FOR LARGER CONDENSATE PIPING. CLEANOUTS SHALL BE INSTALLED FROM AND TO MAIN CLEANOUT FINISH VERIFY SELECTION WITH TENANT PRIOR TO ORDERING.
11. INSULATE ALL EXPOSED SANITARY AND WATER PIPING AT ALL UNUSUAL ACCESSIBLE LOCATIONS WITH FULLY MOLDED THERMO PLASTIC LAMINATED INSULATION KIT MODEL #102.
12. PROVIDE CHARGE EQUIPMENTS WITH SET SCREW DEEP TITE TO COVER GASKETS OR OF A SIZE TO COVER FITTING PROJECTIONS, PROVIDE ESCUTCHEONS FOR ALL EXPOSED PIPING THROUGH WALLS, FLOORS AND EXPOSED CEILING
13. MAINTAIN HOT WATER TO HEAT LANS TO BE 180 DEG. AT 5 GPM FLOW PER CODE MINIMUM SLOPE OF HORIZONTAL WASTE, VENT, AND STORE LINES TO BE 1/8" PER FOOT OR AS REQUIRED BY CODE.
14. REFER TO GENERAL MECHANICAL NOTES FOR ADDITIONAL REQUIREMENTS.
15. REFER TO ARCHITECTURAL DRAWINGS FOR ALL PLUMBING FIXTURES, CLEANOUTS AND EXACT LOCATIONS.
16. PROVIDE RAMP PRIMER ASSEMBLIES FOR ALL FLOOR DRAINS
17. PROVIDE SEISMIC BRACING AS REQUIRED BY THE INTERNATIONAL BUILDING CODE SECTION 16 AND ALL SUPPLEMENTARY CODES AS REQUIRED.
18. PIPE INSULATION SHALL BE FIBERGLASS WITH ASU ALL SERVICE, VAPOR BARRIER JACKET AND PVC FITTING JACKETS INSULATION SHALL BE OF THE FOLLOWING THICKNESS:
COLD WATER PIPING UP TO 2" 1"
HOT WATER UP TO 2" 1"
CONDENSATE PIPING 1"
19. UPON COMPLETION OF PIPING INSTALLATION ENTIRE SYSTEM SHALL BE THOROUGHLY FLUSHED OF ALL FOREIGN MATERIAL. PIPING SHALL BE HYDROSTATICALLY TESTED AT 100 PSIG FOR TWO HOURS AND SHALL BE WITNESSED BY THE OWNERS REPRESENTATIVE
20. ALL NEW PIPING SHALL BE LABELED WITH SECTION ORN/CORNE PIPE IDENTIFICATION LABELS SPACED A MAXIMUM OF 30' APART AND SHALL BE ADHERED TO PIPING WITH 2" TAPE MARKED FULL PERIMETER OF PIPE AND 15" SPACE FOR 45 DEGREE FLOW ANGLES SHALL BE SECTION MARKS ON A ROLL. ALL MARKERS SHALL BE READILY VISIBLE FROM FLOOR LEVEL. PIPING SYSTEMS TO BE LABELED ARE AS FOLLOWS:
COLD WATER GREEN/WHITE LETTERS
HOT WATER YELLOW/BLACK LETTERS
CONDENSATE PIPING GREEN/WHITE LETTERS

22 REFER TO GENERAL MECHANICAL NOTES FOR ADDITIONAL REQUIREMENTS.

FAN SCHEDULE

SYMBOL	QHM	SP	BRN	TRE	VOL/SPM	HP	ACTIVATION	MAKE 1 MODEL	NOTES
FF-1	100	1/2"	1/250	CEILING	150/500	0.2	WALL SWITCH		

1) PROVIDE AUTOMATIC BACK DRAFT DAMPER

HVAC NOTES:

(AS APPLICABLE)

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LABOR AND MATERIALS TO PROVIDE A COMPLETE AND WORKING SYSTEM WITHIN THE CONSTRAINTS OF THE BUILDING STRUCTURE AND NEW CEILING SYSTEM
2. DUCTWORK SHALL BE CONSTRUCTED AND INSTALLED PER ASHRAE AND SMACNA STANDARDS, AND THE STATE MECHANICAL CODES. ALL DUCTWORK SHALL BE LIMITED TO 12' SEALS ALL DUCTS, SPLITTERS, OR SHIM BALANCE DAMPERS AT MAIN/DUCTWORK BRANCHES, EXTRACTORS AT MAIN/DUCTWORK BRANCHES, DOUBLE VALLED ACoustic TRIMMING VANES IN ELBOW, SPLITTERS AND TURNING VANES IN TEES
3. ALL DUCTWORK SHALL BE CONSTRUCTED OF GALVANIZED GREENETAL, INSULATE FIRST TO ONE INCH, AIR CONDITIONING DUCTS SHALL BE 1.5 LB DENSTY FIBERGLASS DUCT LINES PER ASHRAE C 101 SPECIFICATION. THE SECOND INCH SHALL BE INSULATED WITH 1/2" THICK 1.5 LB DENSTY FIBERGLASS DUCT HOUSING WITH FOLDED VAPOR BARRIER PER ASHRAE C 1290 SPECIFICATION.
4. ALL SEAMS AND JOINTS IN NEW DUCTWORK SHALL BE THOROUGHLY SEALED WITH APPROVED UL LISTED NON-HARDENING DUCT SEALER.
5. PROVIDE 45 DEGREE TAPS WITH DAMPERS AT EACH RANOUT BRANCH DUCT
6. PROVIDE FIRE RESISTANT FIRE FLEXIBLE DUCT CONNECTIONS ON THE INLET AND DISCHARGE DUCT CONNECTIONS OF ALL EQUIPMENT CONTAINING FANS.
7. ALL FLEXIBLE DUCTWORK SHALL BE 1 1/2" THICK 1.5 LB DENSTY FIBERGLASS WITH FOLDED VAPOR BARRIER AND SHALL NOT EXCEED 5'-0" IN LENGTH.
8. ALL DUCT DIMENSIONS SHOWN ON THE DRAWINGS ARE CLEAR INSIDE DIMENSIONS.
9. LOCATE THE THERMOSTAT AND INSTALL AS SHOWN ON THESE DOCUMENTS.
10. CONDENSATE DRAIN PIPING SHALL BE TYPE "L" OR "K" HARD DRAWN COPPER WITH BRONZE FITTINGS.
11. CONDENSATE DRAIN PIPING SHALL BE TYPE "L" OR "K" HARD DRAWN COPPER WITH BRONZE FITTINGS.
12. INSULATE CONDENSATE PIPING WITH 1" THICK FIBERGLASS WITH ASU OR 1/2" ARMAFLEX FLEXIBL GATED IN RETURN AIR PLUMBING
13. FOR UNITS OF 3000 CFM OR GREATER, PROVIDE MANUAL RESET/IONIZATION TYPE ROOM DETECTOR IN RETURN AIR PLUMBING. PROVIDE AN ON-OFF-AIR INLET OR IN EACH ROOM OR SPACE SERVED BY THE RETURN AIR DUCT. DETECTOR SHALL BE CALIBRATED TO 70 DEGREES F. DETECTOR SHALL BE ACTIVATED BY AIR DETECTOR. SHALL CAUSE THE AIR-MOVING EQUIPMENT TO AUTOMATICALLY SHUT DOWN.
14. ALL CONTROL WIRING SHALL BE IN 3/4" ELECTRICAL METALLIC CONDUIT.
15. REFERRE ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION OF ALL DIFFUSERS.
16. THE GAS AND WATER SYSTEMS SHALL BE TESTED, ADJUSTED, AND BALANCED BY A LICENSED MECHANICAL CONTRACTOR. PROVIDE QUANTITATIVE PERFORMANCE OF EQUIPMENT, BALANCE AND TEST REPORTS. ALL WORK SHALL BE DOCUMENTED IN SYSTEMS ACCORDING TO SPECIFIED DESIGN DRAWINGS. THE CONTRACTOR SHALL MAINTAIN LOCAL CODES AND STANDARDS, NEBS AND ASHRAE TESTING AND LISTING, AND BALANCING PROCEDURES. SUBMIT TO TENANT AND OWNER FOR REVIEW, APPROVAL AND RECORD. TWO COPIES OF THE BALANCING REPORTS ON THE STANDARD REPORT FORMS PROVIDED BY NEED. TESTING SHALL BE PERFORMED BY AN INDEPENDENT CONSULTING COMPANY.
17. ALL EQUIPMENT MANUFACTURER INFORMATION SHALL BE PERMANENTLY APPLIED TO ALL EQUIPMENT. MANUFACTURER INFORMATION SHALL BE ETCHED ON METAL PLATES.
18. PIPE INSULATION SHALL BE FIBERGLASS WITH ASU ALL SERVICE, VAPOR BARRIER JACKET AND PVC FITTING JACKETS INSULATION SHALL BE OF THE FOLLOWING THICKNESS:
COLD WATER PIPING UP TO 2" 1"
HOT WATER UP TO 2" 1"
CONDENSATE PIPING 1"
19. UPON COMPLETION OF PIPING INSTALLATION ENTIRE SYSTEM SHALL BE THOROUGHLY FLUSHED OF ALL FOREIGN MATERIAL. PIPING SHALL BE HYDROSTATICALLY TESTED AT 100 PSIG FOR TWO HOURS AND SHALL BE WITNESSED BY THE OWNERS REPRESENTATIVE
20. ALL NEW PIPING SHALL BE LABELED WITH SECTION ORN/CORNE PIPE IDENTIFICATION LABELS SPACED A MAXIMUM OF 30' APART AND SHALL BE ADHERED TO PIPING WITH 2" TAPE MARKED FULL PERIMETER OF PIPE AND 15" SPACE FOR 45 DEGREE FLOW ANGLES SHALL BE SECTION MARKS ON A ROLL. ALL MARKERS SHALL BE READILY VISIBLE FROM FLOOR LEVEL. PIPING SYSTEMS TO BE LABELED ARE AS FOLLOWS:
COLD WATER GREEN/WHITE LETTERS
HOT WATER YELLOW/BLACK LETTERS
CONDENSATE PIPING GREEN/WHITE LETTERS

21 REFER TO GENERAL MECHANICAL NOTES FOR ADDITIONAL REQUIREMENTS.

ROOFTOP A/C UNIT GA:

FAN SECTION					DX COOL					
SYMBOL	QHM	OA	BRN	TRE	TOTAL	SYMBOL	QHM	BRN	TRE	TOTAL
RTH1	5000	600	1140	550	6690	1140	550	1140	550	1600