


















ELECTRICAL LEGEND

SYMBOL	DESCRIPTION
	— 1x8 RECESSED FLUORESCENT LIGHT FIXTURE SEE LIGHT FIXTURE SCHEDULE
	— EMERGENCY EGRESS LIGHT FIXTURE SEE LIGHT FIXTURE SCHEDULE
	— UNIVERSAL EXIT LIGHT FIXTURE WITH BATTERY BACK-UP-SEE LIGHT FIXTURE SCHEDULE
	— SMOKE DETECTOR (120VAC)
	— TELEPHONE /DATA CONNECTION-MT 18" AFF
	— TELEPHONE /DATA CONNECTION-MT 48" AFF
	— EXHAUST FAN (RR)/MOTOR
	— DUPLEX RECEPTACLE-MT 18" AFF-20A,125VAC
	— 20A,208V RECEPTACLE
	— GFI RECEPTACLE-MT 18" AFF CIRCUIT, 20A,125VAC
	— RECEPTACLE ON ISOLATED GROUND
	— SINGLE POLE-120/277V-MT 48" AFF (INTERMATIC#FF12HC)
	— INTERMATIC#FF312H, AUTO SHUT-OFF, THREE WAY 12 HR, 20A, 120/277V, SPRING WOUND TIMER/SWITCH, MT 48" AFF
	— FOUR WAY SWITCH-MT 48" AFF
	— ELECTRICAL SERVICE
	— OCCUPANCY LIGHT /MOTION SENSOR (MFG-R-P&S#MSP200-W),120/277V
	— LEVITON #DD003-11 1000VA, INC,1000VA, FLU,120V SELF- CONTAINED COMMERCIAL GRADE CEILING MOUNT OCCUPANT SENSOR

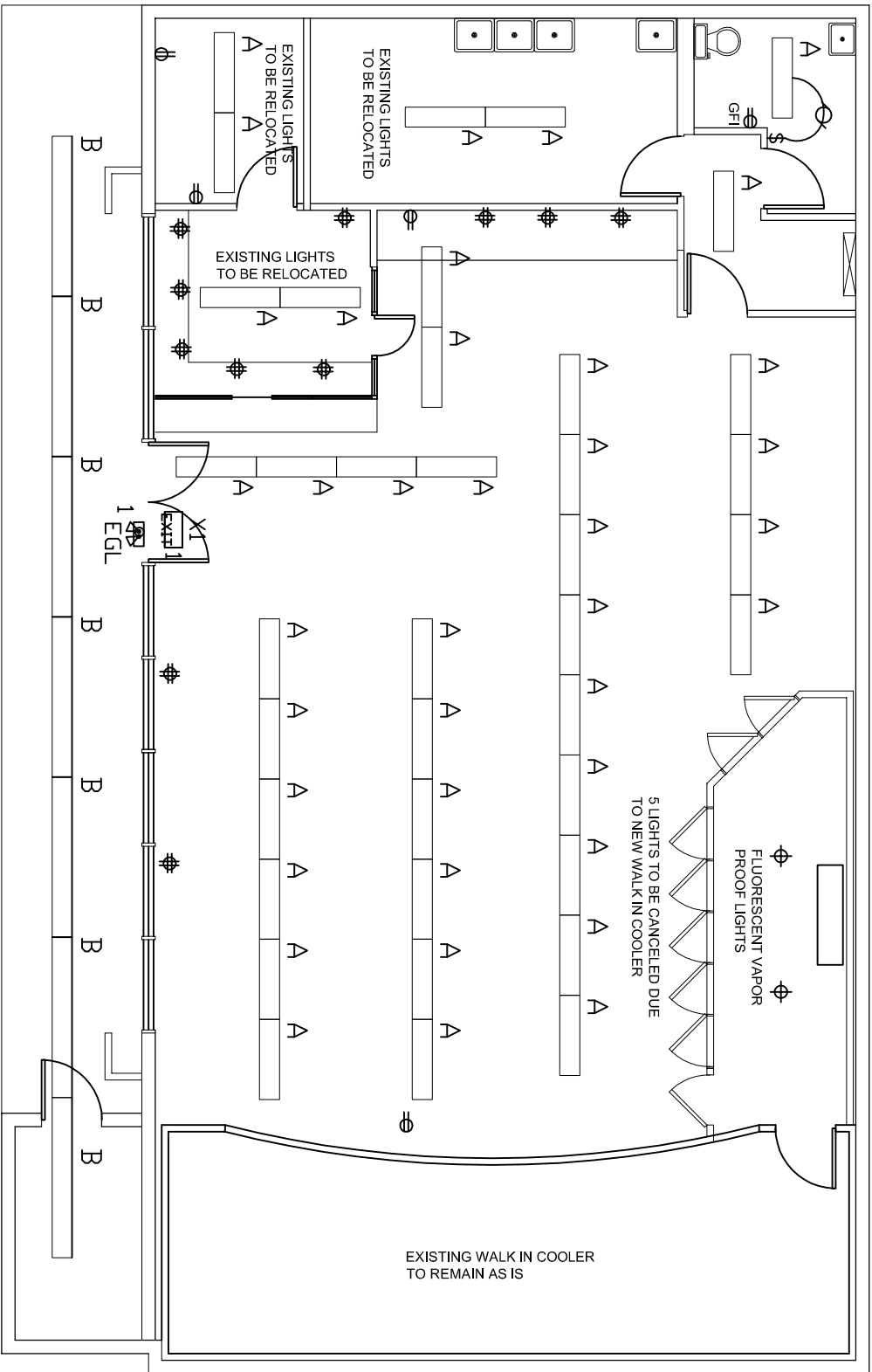
LUMINARIES SCHEDULE

TYPE	DESCRIPTION
A -----	METALUX#26R8--332A--UNV--E8B1--2x4 fluorescent (o/n) fixture, acrylic lens, 3132cw es lamps, 120V/277v universal es ballast.
B -----	100w vaporporof incandescent light bulb, ul listed, 120v or approved equi.
C -----	HALO# H285E-ICAT-4065C, 120V, 26W compact fluorescent, clear specular reflector, white trim ring.
EGL -----	emergency egress light fixture with battery back--up-- SURELITE#UMB-1 incandescent light fixture, 120/277v ballast, universal mount, approved for wet locations, 2-8W incandescent seeded beam lamps and 90 minute lead calcium battery backup.
X1 -----	SURELITE# UNH-1-SRMDH--dual voltage 120/277V, universal mount (wall/ceiling/end mount)--exit light fixture with battery backup, red letters on white background, 2-20W, 76-1/2" intermediate base lamps and seeded lead calcium battery.

GENERAL ELECTRICAL NOTES:

1. ALL ELECTRICAL WORK SHALL COMPLY WITH THE NATIONAL ELECTRIC CODE (LATEST EDITION) AND ALL APPLICABLE STATE AND LOCAL CODES, PROCEDURES AND ALL JURISDICTION AUTHORITY REQUIREMENTS.
2. COORDINATE ELECTRICAL PLANS WITH SITE ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING AND ALL APPLICABLE PLANS AND SUPPLEMENTS TO THIS PROJECT.
3. ELECTRICAL CONTRACTOR SHALL PAY ALL FEES, COST OF PERMITS AND PRO RATA COST THAT APPLIES TO THIS WORK.
4. THE PUMPING, MECHANICAL, AND /OR G.C. WILL INSTALL ALL MOTOR DRIVEN EQUIPMENT AND MOTORS THAT ARE FURNISHED UNDER THEIR CONTRACT. THE ELECTRICAL CONTRACTOR SHALL INSTALL STARTERS AND BUILDING CONNECTIONS BETWEEN STARTERS AND MOTORS AND WIRE SAME INTO BUILDING ELECTRICAL SYSTEM.
5. ELECTRICAL CONTRACTOR SHALL FURNISH ALL ELECTRICAL WIRING, CONDUIT, CABLE, TERMINALS, RECEPTACLES, FITTINGS, ETC./O-2068 AND LEAVE READY FOR OPERATION.
6. ELECTRICAL CONTRACTOR SHALL PROVIDE VENT CONDUIT AND LABOR REQUIRED TO INSTALL TEMPERATURE CONTROL SYSTEMS, WALL MOUNTED 46" ABOVE FINISH FLOOR, UNLESS NOTED OTHERWISE.
7. ELECTRICAL CONTRACTOR SHALL PROVIDE MATERIAL AND LABOR TO INSTALL TELEPHONE AND COMPUTER OUTLETS, WALL MOUNTED 15' ABOVE FINISH FLOOR, UNLESS NOTED OTHERWISE, WITH 2" DIAMETER CONDUIT SUD-UP TO U AND DOWN TO OUTLET.
8. ELECTRICAL CONTRACTORS SHALL BE PROVIDED ALL WIRING, CONDUIT, LABOR AND FINAL CONNECTIONS TO ALL EQUIPMENT PROVIDED BY OWNER.
9. ELECTRICAL CONTRACTORS SHALL BE RESPONSIBLE FOR BALANCING LOADS ON ALL PANELS, ALL CIRCUIT BREAKERS TO BE PROPERLY LABELED WITH TYPE-WRITTEN DIRECTORY.
10. EACH SPACE, ENCLOSED BY CEILING-HIGH PARTITIONS SHALL HAVE AN LED LIGHT SOURCE. EACH SPACE SHALL BE ILLUMINATED BY A MINIMUM OF TWO LIGHT FIXTURES. EACH MANUAL DEVICE SHALL BE READILY ACCESSIBLE AND LOCATED SO THAT OCCUPANTS CAN VIEW THE CONTROLLING LIGHTING. (A) A CONTROL DEVICE SHALL BE
11. ALL VALVE SWITCHES SHALL BE MOUNTED 46" ABOVE FINISH FLOOR AND ALL RECEPTACLES SHALL BE MOUNTED 15' ABOVE FINISH FLOOR, UNLESS NOTED OTHERWISE.
12. ALL VALUETESTER SHALL INSURE THAT SWITCH GEAR IS PROPERLY BRACED FOR HIGHEST AVAILABLE SHORT CIRCUIT CURRENT.
13. MAXIMUM LOAD FOR ALL CIRCUITS SHALL BE 80%.
14. THE USE OF "BX" WHERE PERMITTED BY LOCAL CODES WILL BE ALLOWED FOR FINAL CONNECTION FROM THE LAST J.B. TO THE LIGHTING FIXTURE. "BOX" IS NOT ACCEPTABLE.
15. CONDUCTOR INSULATION SHALL BE THINN TYPE, MIXTURE AND EXCEPT WHERE NOTED CONDUCTORS SHALL BE COPPER EXCEPT WHERE EXCEPT WHERE NOTED.
16. BRANCH BREAKERS OF 2P AND 3P CONFIGURATION SHALL HAVE A COMMON TRIP.
17. ELECTRICAL CONTRACTOR SHALL ARRANGE WITH ELECTRIC AND TELEPHONE UTILITY COMPANIES FOR INCISING SERVICE REQUIREMENTS AND INCLUDE COST IN BASE BID AS APPLICABLE.
18. ALL EMERGENCY LIGHTING SHALL BE CONNECTED TO A SINGLE CIRCUIT BRACED WITH A LOCK-BID BE USED.

10. SIZE SHALL BE 1/2" DIA. UNLESS OTHERWISE STATED. MINIMUM SIZE SHALL BE 1/2" DIA. PER ENT CONDUIT WITH GROUNDING CONDUCTOR.
11. ALL ELECTRICAL FIXTURES AND EQUIPMENT SHALL BE GROUNDED PER NEC.
12. ALL VOLT SWITCHES SHALL BE MOUNTED 4'2" ABOVE FINISH FLOOR. RECEPTACLES SHALL BE MOUNTED 1'2" ABOVE FINISH FLOOR, UNLESS NOTED OTHERWISE.
13. ELECTRICAL CONTRACTOR SHALL INSURE THAT SWITCH GEAR IS PROPERLY BRACED FOR HIGHEST AVAILABLE SHORT CIRCUIT CURRENT.
14. MAXIMUM LOAD FOR ALL CIRCUITS SHALL BE 80%.
15. THE USE OF "BX" WHERE PERMITTED BY LOCAL CODES WILL BE ALLOWED FOR FINAL CONNECTION FROM THE LAST J.B. TO THE LIGHTING FIXTURE. "ROMEX" IS NOT ACCEPTABLE.
16. CONDUCTOR INSULATION SHALL BE "THIN" TYPE, MOISTURE AND WEAR RESISTANT.
17. EXCEPT WHERE NOTED, CONDUCTORS SHALL BE COPPER EXCEPT WIRE BROMER WITH A ALUMINUM DEVICE.
18. ELECTRICAL CONTRACTOR SHALL ASSURANCE WITH ELECTRIC AND TELEPHONE UTILITY COMPANIES FOR INCORPORATING SERVICE REQUIREMENTS AND INCLUDE COST TO BASE BID AS APPLICABLE.
19. ALL ELECTRICAL WORK SHALL BE CONFINED TO A SINGLE CIRCUIT BREAKER WITH A ZERO-FAULT DEVICE.
20. EACH SPACE PROVIDED BY CEILING-HEIGHT PARTITIONS SHALL HAVE AT LEAST ONE LIGHTING DEVICE INDEPENDENTLY CONTROLLED BY THE GENERAL LIGHTING SWITCH. EACH MANUAL DEVICE SHALL BE READILY ACCESSIBLE AND LOCATED SO THE OCCUPANTS CAN SEE THE CONTROLLED LIGHTING. (a) A CONTROL DEVICE SHALL BE INSTALLED THAT AUTOMATICALLY TURNS LIGHTING OFF WITHIN 30 MINUTES OF ALL



R-404A REFRIGERANT
CUBIC FEET 1,056
MAXIMUM ALLOWABLE FREON 17.85 LBS
ALARM SYSTEM NOT NEEDED

VOLUME OF COOLER: 1,056 CUBIC FEET
TYPE OF REFRIGERANT: R404 A
CHARGE OF REF. IN SYSTEM: 12 LBS
HORSE POWER: 3 HP
COMPRESSORS: 1 ON ROOF

ELECTRICAL PLAN

$$1/4'' = 1' - 0''$$

REVISIONS
1
2
3
4



eclipse
DESIGN AND CONSTRUCTION
PH# 823-466-3126 FAX# 281-631-9359

ELECTRICAL PLAN FOR A
PROPOSED REMODEL
LOCATED AT
2302 WHITE OAK
HOUSTON TX

10/12/10
DATEM.A.
CHECK BY

M.A.

SCALE

PRO. NO.

SHEET:

E-1