

PANELBOARD SCHEDULE

PANEL	TYPE	VOLTS	PHASE WIRE	AMPS	AC	FUSE OR MCB	GROUND BUS	SURFACE OR FLUSH	BRANCH CIRCUITS				REMARKS	
									NO.	CB FRAME OR SW. SIZE	POLES	CB TRIP OR FUSE		
LA	LTO	277/480	3ø, 4W	225	18K	CB	MLO	Y	SURF	7 3 4 1 2	60 60 60 100 60	1 3 3 3 1	20 15 20 70 -	LA1-5,16 & 1 SPARE LA6,8,10 LA7,9,11,12,14 LA13 XFMR FOR PNL LRA SPACES
LBA	LTO	120/208	3ø, 4W	100	10K	CB	MCB	Y	SURF	34 2 3	60 60 60	1 2 2	20 15 20	LRA1-31 & 3 SPARES LRA32,34 LRA33,35
LB	LTO	277/480	3ø, 4W	200	18K	CB	MLO	Y	SURF	7 3 4 1 11	60 60 60 60 60	1 3 3 3 1	20 15 20 50 -	LB1-6 & 1 SPARE LB7,9,11 LB8,10,12,14 LB13 SPACES
LBB	LTO	120/208	3ø, 4W	100	10K	CB	MLO	Y	SURF	22 8 1	60 60 60	1 1 1	20 -	LBB1-18 & 4 SPARES SPACES
LC	LTO	277/480	3ø, 4W	200	18K	CB	MLO	Y	SURF	9 4 6	60 60 100 60	1 3 3 1	20 15 70 -	LC1-7 & 2 SPARES LC8-11 XFMR FOR PNL LRC SPACES
LRC	LTO	120/208	3ø, 4W	100	10K	CB	MCB	Y	SURF	15 1 7	60 60 60	1 2 1	20 20 -	LRC1-12,14 & 2 SPARES LRC13 SPACES
LD	LTO	277/480	3ø, 4W	200	18K	CB	MLO	Y	SURF	8 3 1 1 19	60 60 60 100 60	1 3 3 3 1	20 15 25 70 -	LD1-8 & 2 SPARES LD9 LD10 XFMR FOR PNL LRD SPACES
LRD	LTO	120/208	3ø, 4W	100	10K	CB	MCB	Y	SURF	11 3	60 60	1 1	20 -	LRD1-9 & 2 SPARES SPACES
LH	LTO	277/480	3ø, 4W	200	35K	CB	MLO	Y	SURF	18 4 1 1 4	60 60 100 60 60	1 3 3 3 1	20 30 70 40 60	LH1-13 & 5 SPARES LH14-17 XFMR FOR PNL LRH INVERTER PANEL PANEL DH SPACES
LRH	LTO	120/208	3ø, 4W	100	10K	CB	MCB	Y	SURF	10 14	60 60	1 1	20 -	LRH1-7 & 3 SPARES SPACES
LR	LTO	277/480	3ø, 4W	200	18K	CB	MLO	Y	SURF	20 4 1 1 4	60 60 100 60 60	1 3 3 3 1	20 30 70 40 -	LR1-16 & 4 SPARES LR17-20 XFMR FOR PNL LRG PANEL DG SPACES
LRG	LTO	120/208	3ø, 4W	100	10K	CB	MCB	Y	SURF	21 9	60 60	1 1	20 -	LRD1-18 & 3 SPARES SPACES
LCRC	LTO	120/208	3ø, 4W	100	10K	CB	MCB	Y	SURF	19 3 3 3	60 60 60 60	1 2 2 2	20 30 30 30	LCRC1-15 & 4 SPARES LCRC16,18,19 LCRC17 SPACES
LCRD	LTO	120/208	3ø, 4W	100	10K	CB	MCB	Y	SURF	19 3 3 3	60 60 60 60	1 2 2 2	20 30 30 30	LCRC1-15 & 4 SPARES LCRC16,18,19 LCRC17 SPACES
LK	LTO	277/480	3ø, 4W	225	18K	CB	MLO	Y	FLUSH	2 1 1 1 1 1 1 1	60 60 60 60 225 60 60	3 3 3 3 3 3 3 3	15 40 50 30 150 -	LK1,2 LK3 LK4 LK5 XFMR FOR PANEL LRK SPACES
LRK	LTO	120/208	3ø, 4W	225	10K	CB	MLO	Y	FLUSH	43 1 2 1 2 1 21	60 60 60 60 60 60 60	1 3 3 3 3 3 1	20 30 40 30 20 15 -	LRK1-36 & 7 SPARES LRK37 LRK38 LRK39,40 LRK41,44,45 LRK43 SPACES
LHRA	LTO	120/208	3ø, 4W	400	10K	CB	MLO	Y	SURF	5 9 17	60 60 60	1 3 2	20 60 20	LHRA1-38, 44-47 & 8 SPARES LHRA39-43 LHRA48 SPACES
LHRB	LTO	120/208	3ø, 4W	400	10K	CB	MCB	Y	SURF	38 4 1 31	60 60 60 60	1 3 3 1	20 60 60 100	LHRB1-30, 35,36 & 6 SPARES LHRB31-34 XFMR FOR PANEL LRB SPACES
LHRC	LTO	120/208	3ø, 4W	400	22K	CB	MLO	Y	SURF	42 4 2 28	60 60 60 60	1 3 2 1	20 60 20 -	LHRC1-33,38 & 8 SPARES LHRC34-37 LHRC39-40 SPACES
LHRCC	LTO	120/208	3ø, 4W	225	22K	CB	MLO	Y	SURF	30 3 3	60 60 60	1 3 1	20 30 -	LHRCC1-25 & 5 SPARES LHRCC26-27 SPACES
LHRD	LTO	120/208	3ø, 4W	400	22K	CB	MLO	Y	SURF	61 8 1	60 60 60	1 3 2	20 60 20	LHRD1-49,56,57 & 10 SPARES LHRD50-55 LHRD56,59 SPACES
LHRDD	LTO	120/208	3ø, 4W	225	22K	CB	MLO	Y	SURF	29 4	60 60	1 3	20 60	LHRDD1-24 & 5 SPARES LHRDD25-27 SPACES
DPHRC	DIST.	120/208	3ø, 4W	1200	25K	CB	MLO	Y	SURF	2 1 1 1	400* 400 250 400	3 3 3 3	400 400 225 -	DPHRC1,2 PANEL LHRC PANEL LHRCC SPACE
DPHRD	DIST.	120/208	3ø, 4W	1200	25K	CB	MLO	Y	SURF	2 1 1 1	400* 400 250 400	3 3 3 3	400 400 225 -	DPHRD1,2 PANEL LHRD PANEL LHRDD SPACE
DPC	DIST.	277/480	3ø, 4W	400	25K	CB	MLO	Y	SURF	10 3 3 3 3 3	150 150 150 150 150 150	3 3 3 3 3 3	20 35 40 90 100 -	DPC4-5,12-19 DPC1,6-7 DPC8,9 DPC10,11 DPC2,3 SPACES
DD	DIST.	277/480	3ø, 4W	800	100K	FUSE	MLO	Y	SURF	5 3 3	200 100 100	3 3 3	200 70 -	PANEL LB, LC, LD, LH, LG DPD1 SPARES
DDDD	DIST.	277/480	3ø, 4W	600	100K	FUSE	MLO	Y	SURF	1 2 2 4	400 100 100 100	3 3 3 3	225 70 -	PANEL LK XFMR FOR LRCR, XFMR FOR LCRD SPARES SPACES
MSB	SB.	277/480	3ø, 4W	2500	50K	CB	MCB	Y	SURF	2 1 1 1 1 1	800 800 800 400 250 225 400	3 3 3 3 3 3	700 800 800 250 400 225 400	MSB1,2 PANEL DPD XFMR FOR DPHRC, XFMR FOR DPHRD XFMR FOR LHRB, XFMR FOR LHRB PANEL DDDD, DPC PANEL A SPACE

* CURRENT LIMITING CIRCUIT BREAKER WITH SHUNT TRIP. SHUNT TRIP SHALL BE ACTIVATED BY FIRE ALARM CONDITION AND BY POSI-LOCK FEATURE IN FLOOR BOX. PROVIDE 120V CIRCUIT WHICH SHALL BE MONITORED BY FIRE ALARM (MONITOR MODULE).

LIGHTING CONTROL/DIMMER PANEL SCHEDULE					
PANEL	NORMAL SECTION MODULES			CIRCUIT	
	QTY.	TYPE	RATING	DESIGNATION	VOLTAGE
LCPG	14	NON DIM RELAY	20A	LG1-14	277V
	4	NON DIM RELAY	20A	SPARE	277V
LCPH	12	NON DIM RELAY	20A	LH1-12	277V
	4	NON DIM RELAY	20A	SPARE	277V
DG	4	DIMMING MOD	20A	DG1-4	277V
	2	DIMMING MOD	20A	SPARE	277V
DH	3	DIMMING MOD	20A	DH1-3	277V
	3	DIMMING MOD	20A	SPARE	277V

FIXTURE SCHEDULE

- F1 COOPER CORELITE SERIES R3WL-3TB-10UNV-24, OR EQUAL 2' X 4' LINEAR FLUORESCENT DIRECT/INDIRECT TROFFER, RECESSED, GRID TYPE, STEEL CONSTRUCTION, FROSTED ACRYLIC PRISMATIC LENS, POLYESTER POWER COAT PAINT, ELECTRONIC BALLAST, 277V, WITH 3 48" LONG LAMPS. PROVIDE A 1400 LUMEN EMERGENCY BATTERY BACKUP WHERE INDICATED BY "E" SYMBOL.
- F1A SAME AS F1 EXCEPT WITH 2 - 48" LONG LAMPS.
- F2 COOPER LIGHTING PORTFOLIO SERIES 06142-E-6150-BB, OR EQUAL 6" RECESSED OPEN DOWNLIGHT, SELF-FLANGED COMPACT FLUORESCENT FIXTURE, DIE-CAST ALUMINUM HOUSING, LOW IRIDESCENT, WITH ELECTRONIC BALLAST, 277V, WITH 1 - 25W LAMP.
- F2A SAME AS F2 EXCEPT WITH ELECTRONIC DIMMING BALLAST. PROVIDE EMERGENCY MODULE WITH INTEGRAL TEST SWITCH WHERE INDICATED BY "E" SYMBOL.
- F2B SAME AS F2 EXCEPT WITH 1 - 32W LAMP.
- F3 COOPER METALUX SERIES 1FR823A125UNVEB81, OR EQUAL 1' X 4' PREMIUM RECESSED FLUORESCENT TROFFER, STEEL CONSTRUCTION WITH .125" THICK PRISMATIC ACRYLIC LENS, STEEL FLANGE TRIM, BAKED WHITE ENAMEL FINISH, ELECTRONIC BALLAST, 277V, WITH 2 - 28" LONG LAMPS. PROVIDE A 1400 LUMEN EMERGENCY BATTERY BACKUP WHERE INDICATED BY "E" SYMBOL.
- F4 COOPER CORELITE SERIES IP-SP-2-277-AC-18"-T1-X-ES OR EQUAL PENDANT LINEAR FLUORESCENT, DIRECT/INDIRECT LIGHTING SYSTEM WITH LENGTH AS INDICATED AND ROW - JOINED WHERE INDICATED, SUSPENDED FROM CEILING USING ADJUSTABLE AIRCRAFT CABLES, STEEL CONSTRUCTION WITH INTEGRAL OPAL LENS, ELECTRONIC BALLASTS, 277V, WITH 2 - 48" LONG LAMPS PER CROSS-SECTION. PROVIDE A 1400 LUMEN EMERGENCY BATTERY BACKUP IN EACH 4-FOOT SECTION OF LIGHTING FIXTURE WHERE INDICATED BY "E" SYMBOL.
- F5 COOPER METALUX SERIES 2SP232UNVEB81WG/SSF-4FT, OR EQUAL WALL MOUNTED, 4" STRIP FLUORESCENT WITH WIRE GUARD, STEEL CONSTRUCTION, BAKED ENAMEL FINISH, ELECTRONIC BALLAST, 277V, WITH 2 - 48" LONG LAMPS. PROVIDE A 1400 LUMEN EMERGENCY BATTERY BACKUP WHERE INDICATED BY "E" SYMBOL.
- F5A SAME AS F5 EXCEPT SUSPENDED BY CHAINS.
- F6 COOPER METALUX SERIES 2 GR823A125UNVEB81, OR EQUAL 2' X 4' PREMIUM RECESSED FLUORESCENT TROFFER, STEEL CONSTRUCTION, WITH .125" THICK ACRYLIC PRISMATIC LENS, BAKED WHITE ENAMEL FINISH, ELECTRONIC BALLAST, 277V, WITH 2 - 48" LONG LAMPS. PROVIDE A 1400 LUMEN EMERGENCY BATTERY BACKUP WHERE INDICATED BY "E" SYMBOL.
- F6A SAME AS F6 EXCEPT WITH 4 - 48" LONG LAMPS.
- F6B SAME AS F6 EXCEPT 2' X 2' WITH 2 - 24" U8TB LAMPS.
- F7 GARCOO SERIES 113-MT-U-42TRF-UNV-OC, OR EQUAL COMPACT FLUORESCENT WALL SCONCE WITH UP LIGHT, RAIN TIGHT, DUST-TIGHT DIE CAST ALUMINUM, CORROSION RESISTANT ALUMINUM HOUSING, SEGMENTED REFLECTORS, COLOR TO BE DETERMINED BY ARCHITECT, ELECTRONIC BALLAST, 277V, WITH 1 - 42W TRF LAMP. MOUNT AT HEIGHT AS DIRECTED BY ARCHITECT.
- F8 COOPER SHAPER LIGHTING SERIES 1250STR - 44"-CFL4/57-CC-QR, OR EQUAL SUSPENDED DIRECT/INDIRECT COMPACT FLUORESCENT 44" PENDANT BOWL, STEEL CONSTRUCTION WITH ACRYLIC LENS. SUSPENDED BY QUAD POD, CUSTOM COLOR FINISH, ELECTRONIC BALLAST, 277V, WITH 4 - 57W LAMPS.
- F9 APPLETON MERCHMASTER III SERIES ML-S-H-10-4-J3-N-MT, OR EQUAL FIXTURE SHALL BE UL LISTED FOR WET LOCATION, LOW PROFILE, HID TYPE WITH 25 DEGREE STANCHION, 100 WATT METAL HALIDE LAMP, 1 1/4" NPT STANCHION, NEMA 3 REFRACTOR (HEAT RESISTANT PRISMATIC GLASS), NO GUARD, AND 277 VOLT. MOUNT ON 1 1/4" RGS CONDUIT STANCHION (8'-0" MOUNTING HEIGHT FROM TOP OF SERVICE PLATFORM WALKWAY TO BOTTOM OF REFRACTOR UNLESS NOTED OTHERWISE). ATTACH TO OUTSIDE OF HANDRAILS AND TERMINATE IN WEATHERPROOF JUNCTION BOX. PROVIDE GALVANIZED STRUT TO MOUNT STANCHION TO HANDRAILS.
- F10 LUMINAIRE LIGHTING CORPORATION SERIES REL48-154HO-277-EL-CUST-EMB800, EXTERIOR LINEAR FLUORESCENT, EXTRUDED ALUMINUM HOUSING WITH UV STABILIZED POLYCARBONATE LENS ELECTRONIC BALLAST, 277V, WITH 1250 LUMEN BATTERY BACKUP. COLOR TO BE DETERMINED BY ARCHITECT. WITH 1 - 48" HO LAMP.
- F11 KIM LIGHTING SERIES WD1804/250PMH277/CC/WG18, OR EQUAL EXTERIOR PULSE START METAL HALIDE WALL SCONCE, ONE PIECE DIE CAST ALUMINUM HOUSING, WITH SPECULAR SEGMENTED REFLECTOR, TEMPERED GLASS LENS, POLYESTER POWER COAT FINISH, MOUNT AT 14' AFF. FIXTURES ABOVE LOADING DOCK TO BE MOUNTED AT 12' AFF. WITH WIRE GUARD. COLOR TO BE DETERMINED BY ARCHITECT. 277V WITH 1 - 250W PULSE START METAL HALIDE LAMP.
- F12 GARCOO SERIES 103-MT-UD-24TRF-UNV-OC, OR EQUAL COMPACT FLUORESCENT WALL SCONCE WITH UP/DOWN LIGHT, RAIN TIGHT, DUST-TIGHT DIE CAST ALUMINUM, CORROSION RESISTANT ALUMINUM HOUSING, SEGMENTED REFLECTORS, COLOR TO BE DETERMINED BY ARCHITECT, ELECTRONIC BALLAST, 277V, WITH 2 - 42W TRF LAMP. PROVIDE INTEGRATED EMERGENCY BATTERY BACKUP WHERE INDICATED BY "E" SYMBOL. MOUNT AT HEIGHT AS DIRECTED BY ARCHITECT.
- F13 GARCOO SERIES DF12-ST-VL-250PMH-277-OC-WG PULSE START METAL HALIDE EXTERIOR FLOOD LIGHT, ALUMINUM HOUSING WITH HIGH IMPACT RESISTANT TEMPERED GLASS LENS, VERTICAL FLOOD DISTRIBUTION WITH ALUMINUM REFLECTOR, POLYESTER POWER COAT FINISH, POWDERCOAT FINISH, COLOR TO BE DETERMINED BY ARCHITECT, WITH WIREGUARD, 277V, WITH 1 - 250W PULSE START METAL HALIDE LAMP.

FIXTURE NOTES

- 1 FIXTURES IN EXHIBIT HALL MAKE USE OF THE SPI LIGHTTRUSS SYSTEM INDICATED ON THE FLOOR PLANS. THE LIGHTTRUSS SYSTEM SHALL CONSIST OF EXTENDED ALUMINUM TUBES AND CAST ALUMINUM BULKHEADS WITH LIGHT MODULES INDICATED ON THE FLOOR PLANS AS FOLLOWS:
 - SERIES LE3803-1M1000 (BT37 PHILIPS) - FT-277-PTX-Q, INDIRECT FORWARD-THROW FIXTURE WITH 1-1000 WATT METAL HALIDE LAMP AND OPEN CARE AND COIL BALLAST, TEMPERED GLASS LENSES, 277V, AND QUARTZ RESTRIKE SYSTEM FOR 277V.
 - SERIES LF2454-4FS4 (TSHO) -SY (INDIRECT OPEN TOP) - 277-PTXQ, INDIRECT SYMMETRICAL FIXTURE WITH 4 - 54 WATT T5 HIGH OUTPUT FLUORESCENT LAMPS AND INTEGRALLY MOUNTED ELECTRONIC DIMMING BALLAST (SPECIALLY MADE FOR COMPATIBILITY WITH DIMMER PANEL).

THE LIGHTTRUSS SYSTEM SHALL BE SIZE 2, COLOR PER ARCHITECT, AND PRE-WIRED TO MEET THE CIRCUITING REQUIREMENTS INDICATED ON THE FLOOR PLANS (INCLUDING SEPARATE RACEWAY SYSTEM FOR FIXTURES ON THE FLOOR PLANS (INCLUDING SEPARATE RACEWAY SYSTEM FOR FIXTURES ON EMERGENCY CIRCUITS)). THE PRE-WIRING SHALL BE DONE USING #10'S MINIMUM AND THERE SHALL BE A SEPARATE NEUTRAL FOR EACH CIRCUIT. THE LIGHTTRUSS SYSTEM SHALL BE SUSPENDED BY AIRCRAFT SUSPENSION CABLES AND CANOPIES, WITH STAINLESS STEEL POWER STEMS (COLOR PER ARCHITECT) AS REQUIRED SO THAT THE LIGHT MODULES ARE AT 25' - 0" A.F.F.

THE ENTIRE LIGHTTRUSS SYSTEM SHALL BE COMPLETELY ASSEMBLED WITH LIGHT MODULES AIMED AT THE FACTORY. IT SHALL THEN BE DISASSEMBLED AND SHIPPED TO THE SITE WITH COMPLETE INSTRUCTIONS FOR RE-ASSEMBLY BY CONTRACTOR AS DIRECTED BY A FACTORY REPRESENTATIVE.

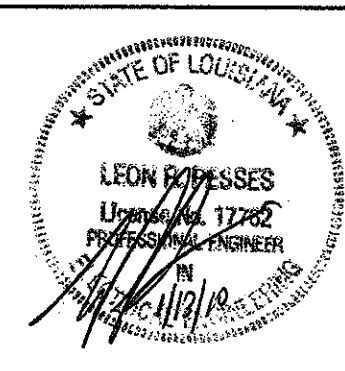
THE SUBMITTALS SHALL INCLUDE DETAILED CUSTOM ASSEMBLY INSTRUCTIONS FOR THE CONTRACTOR, AND A DETAILED FOOTCANDLE PLOT OF BOTH EXHIBIT AREAS WITH THE DIVIDING WALL CLOSED. THERE SHALL BE ONE FOOTCANDLE PLOT FOR ALL FIXTURES AND A SEPARATE PLOT FOR FLUORESCENT FIXTURES ONLY.

THE METAL HALIDE LIGHT MODULES IN THE EAST EXHIBIT HALL ARE TO BE FED BY PANEL LH VIA LIGHTING CONTROL PANEL LCPH. THE FLUORESCENT LIGHT MODULES IN THE EAST EXHIBIT HALL ARE TO BE FED BY DIMMER PANEL DH; HOWEVER, FOR THOSE INDICATED WITH "E", THE CIRCUITS ARE TO BE ROUTED THROUGH TRANSFER RELAYS PRIOR TO TERMINATING IN THE DIMMER PANEL. THE METAL HALIDE LIGHT MODULES IN THE LARGER WEST EXHIBIT HALL ARE TO BE FED BY PANEL LG VIA LIGHTING CONTROL PANEL LCPG. THE FLUORESCENT LIGHT MODULES IN THE LARGER WEST EXHIBIT HALL ARE TO BE FED BY DIMMER PANEL DG; HOWEVER, FOR THOSE INDICATED WITH "E", THE CIRCUITS ARE TO BE ROUTED THROUGH TRANSFER RELAYS PRIOR TO TERMINATING IN THE DIMMER PANEL. BRANCH CIRCUIT CONDUCTORS SHALL BE MINIMUM #10'S.

SYMBOL SCHEDULE

- FLUORESCENT FIXTURE, RECESSED. "E" IN SYMBOL INDICATES FIXTURE HAS EMERGENCY BATTERY PACK (CONNECTED TO UNSWITCHED CIRCUIT).
- FLUORESCENT OR HID FIXTURE, SURFACE OR SUSPENDED. "E" IN SYMBOL INDICATES FIXTURE HAS EMERGENCY BATTERY PACK (CONNECTED TO UNSWITCHED CIRCUIT); EXCEPT THAT FIXTURES IN EXHIBIT HALL AND LOBBY ARE ON EMERGENCY CIRCUITS.
- FLUORESCENT FIXTURE, WALL MOUNTED.
- COMPACT FLUORESCENT, RECESSED DOWNLIGHT FIXTURE. "E" IN SYMBOL INDICATES FIXTURE HAS EMERGENCY BATTERY PACK (CONNECTED TO UNSWITCHED CIRCUIT) W/INTEGRAL TEST SWITCH OR IS ON EMERGENCY CIRCUIT.
- EXTERIOR HID FLOOD LIGHT, MOUNTED ON CONCRETE BASE
- COMPACT FLUORESCENT, OR H.I.D. FIXTURE, WALL MOUNTED.
- EXIT LIGHT, TOP MOUNTED, SINGLE FACE (SURFACE OR SUSPENDED).
- SAME AS ⊗ EXCEPT WITH DIRECTIONAL ARROW.
- SAME AS ⊗ EXCEPT DOUBLE FACE WITH DIRECTIONAL ARROWS.
- EXIT LIGHT, WALL MOUNTED, SINGLE FACE (SURFACE). MOUNT AT HEIGHT AS DIRECTED.
- EXIT LIGHT, WALL MOUNTED, DOUBLE FACE WITH DIRECTIONAL ARROW. MOUNT AT HEIGHT DIRECTED.
- TIMER SWITCH, WALL MOUNTED.
- 20A/1P WALL SWITCH. SUBSCRIPT DENOTES OUTLET CONTROLLED.
- 20A/2P WALL SWITCH.
- 20A/1P THREE-WAY WALL SWITCH.
- SAME AS S EXCEPT WEATHERPROOF.
- DIMMER SWITCH (FLUORESCENT TYPE).
- 20A/2P, 3-WIRE, 125V, GROUNDING TYPE DUPLEX RECEPTACLE, NEMA 5-20R.
- SAME AS ⊕ EXCEPT FLUSH MOUNTED IN CEILING.
- SAME AS ⊕ EXCEPT MOUNTED ABOVE COUNTER AT HEIGHT AS DIRECTED.
- SAME AS ⊕ EXCEPT WITH GROUND FAULT INTERRUPTER.
- SAME AS GF1 ⊕ EXCEPT MOUNTED ABOVE COUNTER AT HEIGHT AS DIRECTED.
- SAME AS GF1 ⊕ EXCEPT MOUNTED AS REQUIRED FOR ELECTRIC WATER COOLER.
- SAME AS GF1 ⊕ EXCEPT WEATHERPROOF.
- SAME AS ⊕ EXCEPT TWO DUPLEX RECEPTACLES WITH ONE TWO DEVICE PLATE.
- COMBINATION POWER AND COMMUNICATIONS FLOOR OUTLET. SEE SPECIFICATIONS. EXACT LOCATION SHALL BE AS DIRECTED.
- JUNCTION BOX 4 1/16" OR LESS, WALL MOUNTED.
- JUNCTION BOX 4 1/16" OR LESS, LOCATED IN ACCESSIBLE PLACE ABOVE REMOVABLE CEILING.
- SAME AS ⊕ EXCEPT PROVIDE WIRING IN RACEWAY TO EACH LIGHTING FIXTURE IN THIS ROOM USING OTHER OUTLET BOXES AS SPECIFIED, IN ROOMS WHERE EACH FIXTURE HAS ONE BALLAST AND WHERE TWO SWITCHES ARE SHOWN, WIRING SHALL BE CONNECTED SO THAT SWITCHES CONTROL ALTERNATE FIXTURES. WHERE EACH FIXTURE HAS TWO BALLASTS AND WHERE TWO SWITCHES ARE SHOWN, PROVIDE #12 IN RACEWAY TO EACH FIXTURE FOR MULTI-LEVEL SWITCHING.
- JUNCTION BOX, LARGER THAN 4 1/16".
- WALL MOUNTED OCCUPANCY SENSOR. SEE SPECIFICATIONS
- CEILING MOUNTED OCCUPANCY SENSOR. SEE SPECIFICATIONS
- LIGHTING PANELBOARD.
- DISTRIBUTION PANELBOARD.
- SWITCHBOARD.
- MOTOR.
- SAFETY SWITCH.
- MAGNETIC STARTER. (FURNISHED UNDER DIVISION 15)
- MAGNETIC CONTACTOR. (FURNISHED UNDER DIVISION 15)
- MAGNETIC STARTER WITH VARIABLE SPEED DRIVE. (FURNISHED UNDER DIVISION 15)
- VOICE/DATA WALL OUTLET WITH 1" CONCEALED RACEWAY STUBBED-UP ABOVE ACCESSIBLE CEILING IN CORRIDOR AND BUSHED. HOWEVER, FOR OUTLETS ON NORTH SIDE OF BUILDING, THE 1" RACEWAY SHALL BE ROUTED TO THE BACKBOARD ON THE MEZZANINE.
- ELECTRIC DUCT HEATER.
- SAME AS ▷ EXCEPT MOUNTED ABOVE COUNTER AT HEIGHT AS DIRECTED.
- CABLE TV WALL OUTLET WITH 3/4" CONCEALED RACEWAY STUBBED UP ABOVE ACCESSIBLE CEILING IN ACCESSIBLE LOCATION AND BUSH. PROVIDE WIRING PER SPECIFICATIONS.
- SAME AS FAX EXCEPT FLUSH CEILING MOUNTED.
- FIRE ALARM PULL STATION, WALL MOUNTED.
- FIRE ALARM AUDIO/VISUAL SIGNAL UNIT, WALL MOUNTED.
- SMOKE DETECTOR, CEILING MOUNTED.
- AIR-STREAM SMOKE DETECTOR. "R" INDICATES IN RETURN AIR-STREAM. "S" INDICATES IN SUPPLY AIR-STREAM. AHU INDICATES ASSOCIATED AIR HANDLING UNIT.
- FIRE ALARM VISUAL SIGNAL UNIT, WALL MOUNTED.
- SPRINKLER SYSTEM FLOW SWITCH. (FURNISHED UNDER DIVISION 15)
- SPRINKLER SYSTEM VALVE SUPERVISORY SWITCH. (FURNISHED UNDER DIVISION 15)
- SPRINKLER SYSTEM PRESSURE SWITCH. (FURNISHED UNDER DIVISION 15)
- FIRE ALARM CONTROL MODULE
- FIRE ALARM MONITOR MODULE
- MICROPHONE OUTLET WITH 3/4" RACEWAY IN SLAB TO NEAREST BACKBOARD.
- VOLUME CONTROL WITH 3/4" RACEWAY STUBBED UP ABOVE ACCESSIBLE CEILING AND BUSHED.
- SOUND SPEAKER, FLUSH CEILING MOUNTED.
- SOUND SPEAKER, WALL MOUNTED.
- WIRING IN RACEWAY CONCEALED OVERHEAD OR IN WALLS (CROSSBARS DENOTE NUMBER OF CONDUCTORS WHEN MORE THAN TWO, REQUIRED GREEN EQUIPMENT GROUNDING CONDUCTOR IS NOT SHOWN AS A CROSSBAR). ARROWS INDICATE NUMBER OF HOMERUNS.
- WIRING IN RACEWAY CONCEALED IN OR UNDER FLOOR OR UNDERGROUND.
- WIRING IN RACEWAY RUN EXPOSED.

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MEYER ENGINEERS, LTD.
 ENGINEER & ARCHITECT

LEGEND AND SCHEDULES
 VAL RISS PARK
 MULTI-PURPOSE BUILDING
 ST. BERNARD PARISH, OWNER

GVA ENGINEERING, L.L.C.
 PROJECT No. 2910

sheet no. E5.0
 of ___ sheets

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DATE PLOTTED: 01-12-10
 PLOT SCALE: 1=1