

LEGEND

- MOUNTING HEIGHTS SHALL BE AS INDICATED UNLESS SHOWN OTHERWISE ON ELECTRICAL DRAWINGS OR ARCHITECTURAL ELEVATIONS
- ALL SYMBOLS MAY NOT BE SHOWN ON PLANS

RACEWAYS AND WIRING

- P4-1,3,5 SINGLE PHASE HOVERLINS TO PANELBOARD, "P4" DENOTES PANEL, "1,3,5" DENOTES CIRCUIT NUMBERS, (3) 20A, 1P CIRCUITS NUMBER OF SLASH MARKS DENOTES NUMBER OF #12AWG CONDUCTORS IN MINIMUM 3/4" C. NO SLASH MARKS INDICATE 2#12 & #12S-3/4" C UNLESS NOTED OTHERWISE.
 - P4-2 MULTI-POLE HOVERLINS TO PANELBOARD, "P4" DENOTES PANEL, "2" DENOTES CIRCUIT NUMBER, 20 AMP 3 POLE C/B, NUMBER OF SLASH MARKS DENOTES NUMBER OF #12AWG CONDUCTORS IN MINIMUM 3/4" C. (UNLESS NOTED OTHERWISE).
- NOTES:
1. GREEN GROUND CONDUCTOR NOT INDICATED BUT SHALL BE INCLUDED IN EACH RACEWAY. SIZE SHALL BE #12AWG UNLESS INDICATED OTHERWISE.

LIGHTING FIXTURES

- FLUORESCENT LIGHTING FIXTURE CEILING OR RECESSED MOUNTED, "FC" DENOTES FIXTURE TYPE, "2" DENOTES CIRCUIT NUMBER, "3" DENOTES SWITCH CONTROL.
- FLUORESCENT BARE LAMP STRIP OR INDUSTRIAL STRIP INCLUDING OR COMPACT FLUORESCENT RECESSED OR SURFACE MOUNTED LIGHTING FIXTURE
- WALL MOUNTED LIGHTING FIXTURE
- WALL WASH OR DIRECTIONAL LIGHTING FIXTURE
- CEILING MOUNTED ILLUMINATED EXIT SIGN, ARROWS AS INDICATED ON DRAWINGS
- WALL MOUNTED ILLUMINATED EXIT SIGN - SHADING INDICATES FACE PLATE(S)
- EMERGENCY BATTERY UNIT
- REMOTE EMERGENCY ONLY LIGHT HEADS - SINGLE OR DOUBLE AS SHOWN TRACK LIGHTING AND HEADS, LENGTH OF TRACK AND QUANTITY OF HEADS AS SHOWN ON FLOOR PLANS

TOGGLE SWITCHES (MOUNTED 48" AFF)

- 5s SINGLE POLE TOGGLE SWITCH, "s" DENOTES FIXTURE CONTROL.
- 3s THREE WAY TOGGLE SWITCH
- SD INCANDESCENT DIMMER SWITCH, 1000 WATT DIMMER MINIMUM
- SD CEILING MOUNTED OCCUPANCY SENSOR LIGHTING CONTROL, REFER TO LIGHTING PLANS FOR EXACT CATALOG NUMBER

RECEPTACLES (MOUNTED 18" AFF OR AS INDICATED ON ARCHITECTURAL PLANS)

- 16 2 DUPLEX RECEPTACLE, "2" DENOTES CIRCUIT NUMBER
- 16 2 WP DUPLEX RECEPTACLE GROUND FAULT CIRCUIT INTERRUPTER TYPE DEVICE, "GFI" DENOTES ISOLATED GROUND TYPE DEVICE, "WP" DENOTES WEATHER PROOF COVER
- 16 DUPLEX RECEPTACLE CEILING MOUNTED
- 16 DUPLEX RECEPTACLE MOUNTED 6" ABOVE COUNTER TOP OR AS INDICATED ON ARCHITECTURAL PLANS
- 16 DOUBLE DUPLEX RECEPTACLE MOUNTED 6" ABOVE COUNTER TOP OR AS INDICATED ON THE ARCHITECTURAL PLANS
- 16 DOUBLE DUPLEX RECEPTACLE
- 16 SPECIAL PURPOSE RECEPTACLE

TELECOMMUNICATIONS (MOUNTED 18" AFF)

- TELEPHONE OUTLET
 - TELEPHONE OUTLET MOUNTED 54" AFF
 - COMPUTER SYSTEM OUTLET
 - COMBINATION TELEPHONE/DMA OUTLET
- NOTE: DOUBLE GANG RACK BOX WITH SINGLE GANG SERVICE, 3/4" CONDUIT AND PULLSTRING STRIPPED OUT ABOVE ACCESSIBLE CEILING.

FIRE ALARM SYSTEM

- M MANUAL PULL STATION MOUNTED 48" AFF
- M AUDIO/VISUAL ALARM MOUNTED 80" AFF, "M" DENOTES MINI-UNIT
- V VISUAL ONLY UNIT MOUNTED 80" AFF.
- PHOTOELECTRIC SMOKE DETECTOR
- 135° FIXED TEMPERATURE HEAT DETECTOR
- 190° INDICATES 190° FIXED TEMPERATURE
- SPRINKLER TAMPER SWITCH FINISHED AND INSTALLED BY THE FIRE PROTECTION SUBCONTRACTOR, WIRED BY THE ELECTRICAL SUBCONTRACTOR
- SPRINKLER WATER FLOW SWITCH FINISHED AND INSTALLED BY THE FIRE PROTECTION SUBCONTRACTOR, WIRED BY THE ELECTRICAL SUBCONTRACTOR
- DUCT MOUNTED SMOKE DETECTOR WITH SAMPLING TUBE
- REPORT TEST STATION FOR DUCT SMOKE DETECTOR WITH NAMEPLATE LABELLED ACCORDINGLY
- REMOTE ALARM INDICATOR
- FIRE ALARM CONTROL PANEL
- FIRE ALARM CONTROL MANU/MOTOR
- ADDRESSABLE CONTROL MODULE
- ADDRESSABLE MONITOR MODULE

POWER DISTRIBUTION EQUIPMENT

- DISTRIBUTION PANEL
- PANELBOARD, SURFACE MOUNTED
- PANELBOARD, FLUSH MOUNTED
- JUNCTION BOX, SIZED PER NEC
- MOTOR, "2" DENOTES HORSEPOWER
- MAGNETIC MOTOR STARTER WITH ENCLOSURE, MINIMUM SIZE NEMA 1
- MANUAL MOTOR STARTER WITH THERMAL OVERLOAD, "2" DENOTES PILOT LIGHT
- NON-FUSED DISCONNECT SWITCH, "30/3" DENOTES 30 AMP/3 POLE SWITCH
- FUSED DISCONNECT SWITCH, "30/20/3" DENOTES 30 AMP/3 POLE SWITCH, 20 AMP FUSES
- COMBINATION MAGNETIC STARTER AND FUSED DISCONNECT SWITCH, SIZE OF STARTER, SWITCH AND FUSE AS REQUIRED
- DRY-TYPE DISTRIBUTION TRANSFORMER

MISCELLANEOUS

- JUNCTION BOX WITH FLEXIBLE CONNECTION TO EQUIPMENT
- EXHAUST FAN
- CONTROL PANEL
- PULL BOX - SIZED PER NEC FOR CONDUITS ENTERING AND LEAVING
- TIME CLOCK

MECHANICAL EQUIPMENT TAG ABBREVIATIONS

- ACC AIR-COOLED CONDENSER
- AH AIR HANDLER
- B BOILER
- CH CHILLER
- CH CABINET UNIT HEATER
- EBB ELECTRIC BASEBOARD
- EF EXHAUST FAN
- EH EXHAUST HOOD
- EWH ELECTRIC WALL HEATER
- FC FAN COIL
- HP HEAT PUMP
- MAU MAKE-UP AIR UNIT
- P PUMP
- RU ROOF TOP UNIT
- UH UNIT HEATER
- VAV VARIABLE AIR VOLUME BOX
- WH ELECTRIC WATER HEATER

ABBREVIATIONS

- A AMPERES
- AFF ABOVE FINISHED FLOOR
- AMPERE INTERRUPTING CAPACITY
- AMG AMERICAN WIRE GAUGE
- C CONDUIT
- C/B CIRCUIT BREAKER
- DWG DRAWING
- EC ELECTRICAL CONTRACTOR
- ETD EXISTING TO BE DEMOLISHED
- ETR EXISTING TO REMAIN
- ETRL EXISTING TO BE RELOCATED
- G GROUND
- GC GENERAL CONTRACTOR
- GFI GROUND FAULT INTERRUPTER
- KCAL ONE THOUSAND CIRCULAR MILS
- KVA KILOWATT-AMPERES
- KW KILOWATTS
- MCB MAIN CIRCUIT BREAKER
- MLO MAIN LUGS ONLY
- NC NORMALLY CLOSED
- NEC NATIONAL ELECTRICAL CODE
- NO NORMALLY OPEN
- NIS NOT TO SCALE
- NTS NOT TO SCALE
- P PHASE
- P EXISTING, RELOCATED DEVICE IN NEW LOCATION
- RL TELEPHONE
- V VOLT
- VF VERIFY IN FIELD
- W WATT
- WP WEATHERPROOF

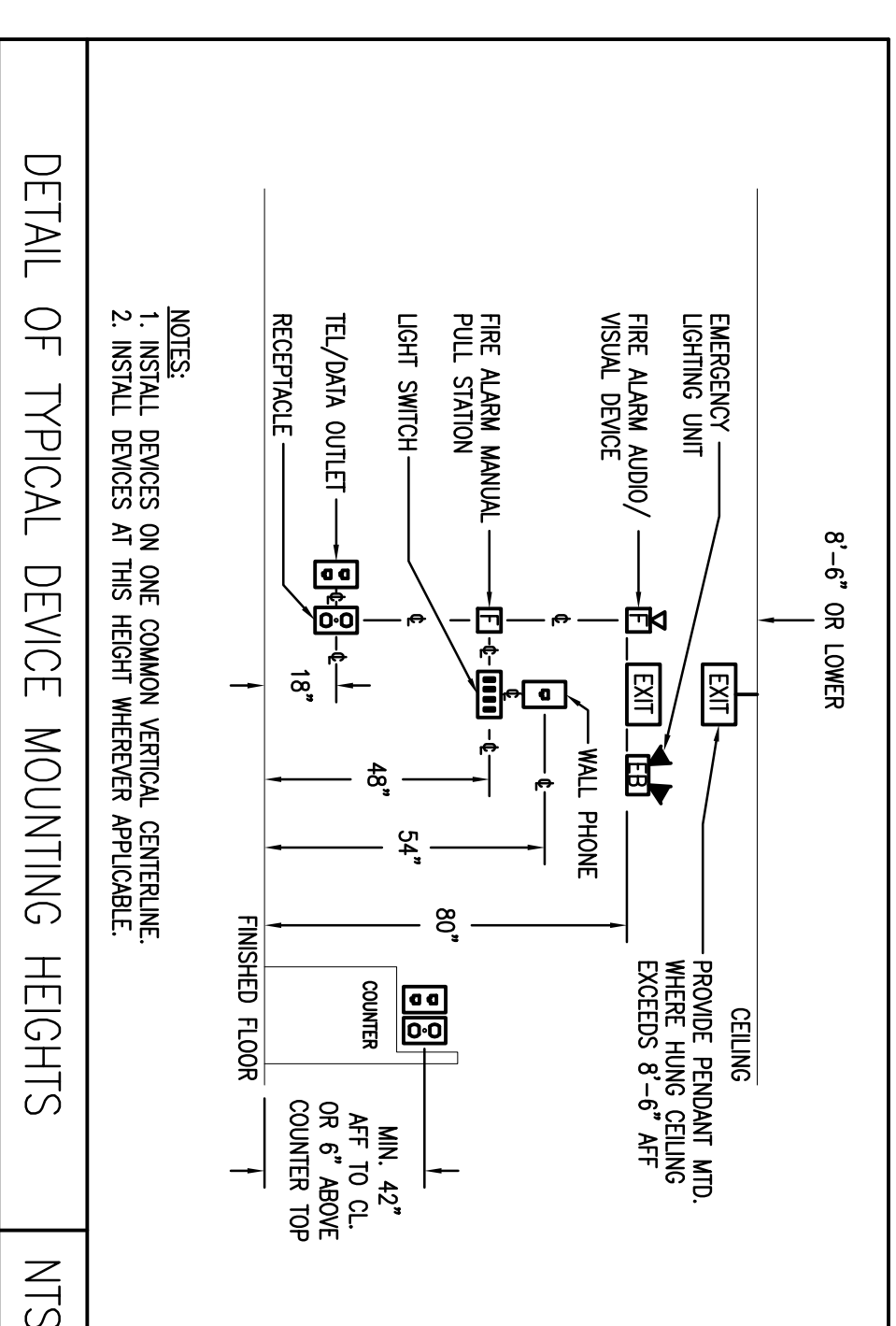
LIGHTING FIXTURE SCHEDULE						
TYPE	DESCRIPTION	MANUFACTURER & MODEL NUMBER	NUMBER	LAMPS	REMARKS	
A	2x4' RECESSED FLUORESCENT LENS/GRABER TRAFFER	LITHONIA ZMRFC332A/125WMOJ	3	32W T8	100	
B	6" FLUORESCENT DOWNLIGHT	PRESQUALIE CRFB303ED-S192A	2	29W DIT	55	
C	INCANDESCENT DECOBRANE PENDANT	TO BE SELECTED		120	E.C. SHALL CARRY AN ALLOWANCE OF \$250 PER FIXTURE	
D	TRACK LIGHTING DECOBRANE	LIGHTOLIER 8201BR/82189K	1	MRI6	75	
F	INCANDESCENT DECOBRANE PENDANT	NOT USED				
G	WALL MOUNTED FIXTURE	NOT USED				
H	WALL MOUNTED FIXTURE	TO BE SELECTED			E.C. SHALL CARRY AN ALLOWANCE OF \$250 PER FIXTURE	
	LED EXIT SIGN	LITHONIA LDM5XN120/277ELN	-	LED, 12W HALOGEN	CONTRAIL COLOR WITH ARCHITECT	
	WALL MOUNTED FIXTURE	LITHONIA ELM62H1206KN	2	120/277	24	

LIGHTING FIXTURE NOTES:

1. PROVIDE ACCESSORIES AND MOUNTING HARDWARE FOR ALL FIXTURES.
2. COLORS SHALL BE AS SELECTED BY ARCHITECT.
3. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.
4. ALL COMPACT FLUORESCENT BALLASTS SHALL BE ELECTRONIC TYPE.
5. ALL FLUORESCENT LAMPS SHALL BE 3500K.

BRANCH CIRCUIT WIRING NOTES:

1. WIRING IS SHOWN ON DRAWINGS ONLY FOR SPECIFIC ROUTES OR SPECIAL CONDITIONS.
2. WIRING AND CONDUIT SHALL BE REQUIRED BETWEEN ALL OUTLETS INDICATED WITH CIRCUIT NUMBERS AND PANEL DESIGNATIONS.
3. ALL SWITCH CONTROLS SHALL BE PROVIDED WITH WIRING AND CONDUIT AS REQUIRED.
4. THROUGH ALL BRANCH CIRCUIT WIRING AND CONDUIT IS NOT SHOWN, IT IS THE INTENT OF THESE DOCUMENTS THAT A COMPLETE BRANCH CIRCUIT WIRING SYSTEM BE INSTALLED.
5. A GREEN GROUNDING CONDUCTOR SHALL BE RUN WITH ALL CIRCUITS, VERIFY CONDUIT SIZE TO ENSURE IT CAN ACCOMMODATE ALL PHASE, NEUTRAL AND GROUND CONDUCTIONS.



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Electrical Legend, Notes, and Fixture Schedule

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