





ELECTRICAL SYMBOL LIST

RECESSED FLUORESCENT FIXTURE

EXIT LIGHT - CEILING MOUNTED EXIT LIGHT - WALL MOUNTED

EMERGENCY LIGHT - WALL, CEILING

SINGLE POLE SWITCH

THREE WAY SWITCH

FOUR WAY SWITCH

QUAD RECEPTACLE OUTLET

SINGLE RECEPTACLE OUTLET

THREE PHASE MOTOR

SINGLE PHASE MOTOR

DISTRIBUTION PANEL

LIGHTING CONTACTOR#1

DISCONNECT SWITCH - FUSED

DISCONNECT SWITCH - NON FUSED

FIRE ALARM AUDIO/VISUAL HORN

FIRE ALARM PULL STATION

FIRE ALARM CONTROL PANEL

GROUND FAULT INTERRUPTER

NIGHT LIGHT / EMERGENCY LIGHT

RELOCATED ELECTRICAL EQUIPMENT/DEVICE

ELECTRICAL WATER COOLER

ELECTRICAL CONTRACTOR

DETROIT EDISON COMPANY

EXISTING TO REMAIN

UNLESS NOTED OTHERWISE

ABOVE FINISHED FLOOR

FIRE ALARM VISUAL

WEATHER PROOF

COMBINATION STARTER/DISCONNECT SWITCH - FUSED

TRANSFORMER

TEL/DATA (COMPUTER) OUTLET

LIGHTING /RECEPTACLE PANEL

JUNCTION BOX (C-INDICATES ABOVE CEILING)

DIMMER SWITCH

FIXTURE ON NIGHT LIGHT/EMERGENCY CIRCUIT

SURFACE INCANDESCENT, HID OR FLUORESCENT FIXTURE

COMBINATION EMERGENCY/EXIT LIGHT - WALL MOUNTED WITH

DUPLEX RECEPTACLE OUTLET (C - INDICATES SOFFIT/CEILING MTD)

MANUAL STARTER - THERMAL TYPE MOTOR PROTECTION SWITCH

EXIT LIGHT - WALL MOUNTED WITH A REMOTE WP HEAD

A REMOTE WP HEADMOUNT 12" BELOW CEILING

SYMBOL

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G.F.I.

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CEILING TILE DETAIL

	ILLUMINATION DEVICES TO MEET ASHRAE 90.1 (UNIFORM MICH. ENERGY CODE)			
	AA	\$	DINING SWITCH: 2 BUTTON W/ RAISE/LOWER AND LIGHT ICON PICO KEYPAD: PJ2-2BRL-GWH-LO1	
	BB	0	OVERHEAD OCCUPANCY SENSOR: RADIO POWER SAVOR WIRELESS CEILING OCCUPANCY SENSOR. LRF2-OCR2B-P (CONNECT TO DIMMER SWITCH)	
	CC	\$	BATHROOM/UTILTIY SWITCH: 120 V, 5A MASETRO SWITCH WITH XCT, PIR OCCUPANCY AND VANCANCY SENSOR, SINGLE-POLE/ MUL LOCATION: MS-OPS5M-WH	
	DD	0	CORNER OCCUPANCY SENSOR: RADIO POWER SAVOR WIRELESS WALL MOUNTED OCCUPANCY SENSOR: LRF2-OKLB-P-WH (CONNECT TO DIMMER SWITCH)	
ALL LICHTING CONTROLS SENSOR AND OCCUPIED POOMS				

ALL LIGHTING CONTROLS, SENSOR, AND OCCUPIED ROOMS TO MEET UNIFORM ENERGY CODE AND MEET ASHRAE 90.1

MARK	DESCRIPTION	MOUNTING
L1	EXIST. COMBO EXIT SIGN AND EM LIGHT "BARRON EXITRONIX" VLED-EL-90. 120V 1.1 WATTS FOR EXIT DOORS, USE IN CONJUNCTION WITH (CLED WP) WITH 90 MIN. BATT. BACK UP	EXIST. WALL MOUNT ABOVE DOOR
L2	NEW EMERGENCY LIGHT "BARRON EXITRONIX" LL50H-6 25 WATT WHITE 120 V W/ 90 MIN. BATTERY BACK UP	WALL MOUNT HIGH ON WALL 9'-0" A.F.F.
L3	NEW COMBO EXIT SIGN AND EM LIGHT "BARRON EXITRONIX" VLED-EL-90. 120V 1.1 WATTS	CEILING
L4	NEW 24"x48" FLUORESCENT TROFFER "LSI INDUSTRIES" WL A125 3 32WATT GRA SSOR-T8 F UE	10 ft. CLG. MNT.
L5	6" RECESS CAN LIGHT LED 32 WATT. BLACK TRIM (LENS COVER)	12 ft. CLG. MNT.
L6	RAVENSPORT 8"x8" BLACK WIRE PENDANT SHADE, 60 WATT ST19 DIM.	RECESSED 9'-9" A.F.F.
L7	EXIST. INCANDESCENT LIGHT, 120 VOLT FURNISHED BY HOOD SUPPLIER	HOOD CLG.
L8	EXIST. IN-HOOD EXHAUST FAN	HOOD CLG.
L9	NEW "BROAN" EXHAUST FAN, 75 CFM	CEILING
L11	EXIT SIGN DIRECTIONAL (LSI) ELXU6RICFCWBBL 90 MIN. BAT. BACKUP	RECESSED 9'-9" A.F.F.
		RECESSED 11'-6" A.F.F.
		RECESSED 11'-6" A.F.F.

PATCH & REPAIR EXIST. **CEILING GRID WHERE NECCESSARY** MATCH EXIST. GRID/CEILING TILE/ VERIFY W/ OWNER

EXIST. LIGHTING/FANS TO BE REMOVED REUSE EXIST. ELECTRICAL CIRCUITS FOR NEW LIGHTING FIXTURES (TYP.)

	CEILING FINISHES		
MARK	DESCRIPTION		
C-1	OPEN CEILING, EXPOSED METAL ROOF JOIST. PAINTED WITH DRY-FALL BLACK PAINT. WALLS TO BE PAINTED WITH BLACK FROM TOP OF CEILING DOWN TO THE DEPTH OF JOIST.		
C-2	24"x48" VINYL CEILING TILE (WHITE) w/ 15/16" CEILING GRID (WHITE) 10'-0" A.F.F.		
C-3	1/2" GYP. BD. CEILING PRIMED AND PAINTED. 12'-0" A.F.F.		

NOTE: EXIT AND EMERGENCY LIGHTING

ALL EXITS AND EXIT ACCESS DOORS SHALL BE MARKED BY AN APPROVED EXIT SIGN READILY VISIBLE FROM ANY DIRECTION OF EGRESS TRAVEL. DIRECTIONAL EXIT SIGNS SHALL BE REQUIRED WHERE THE PATH OF EGRESS IS NOT IMMEDIATELY VISIBLE TO THE OCCUPANTS. (MBC & IFC CHAPTER 10, MEANS OF EGRESS)

EMERGENCY LIGHTING SHALL BE PROVIDED FOR THE MEANS OF EGRESS IN ACCORDANCE WITH THE MICHIGAN BULDING CODE & THE INTERNATIONAL FIRE CODE CHAPTER 10, MEANS OF EGRESS.

LIGHTING NOTES

- . VERIFY ALL PHONE OUTLETS, CABLE OUTLETS, ELECTRICAL OUTLETS AND SWITCH LOCATIONS W/ OWNER
- 2. STORAGE BATTERIES SHALL BE STORED ON-SITE.

CONTROLS SHALL BE ACCESSIBLE.

- 3. EMERGENCY LIGHTING SHALL HAVE MIN. OF 1 FOOT CANDLE FOR EGRESS AT FLOOR LEVEL (11 LUX) 4. ALL ELECTRICAL OUTLETS, SWITCHES AND OTHER
- 5. LIGHTING SHALL PROVIDE A MIN. OF 10 FOOT CANDLES FROM 30" A.F.F.

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PROJECT

BUILDER/CLIENT

PRELIMINARY (CONSTRUCTION

PERMIT

REFLECTIVE CEILING PLAN

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