

TRANSFORMER & DISTRIBUTION PANEL DETAILS

SCALE: NONE

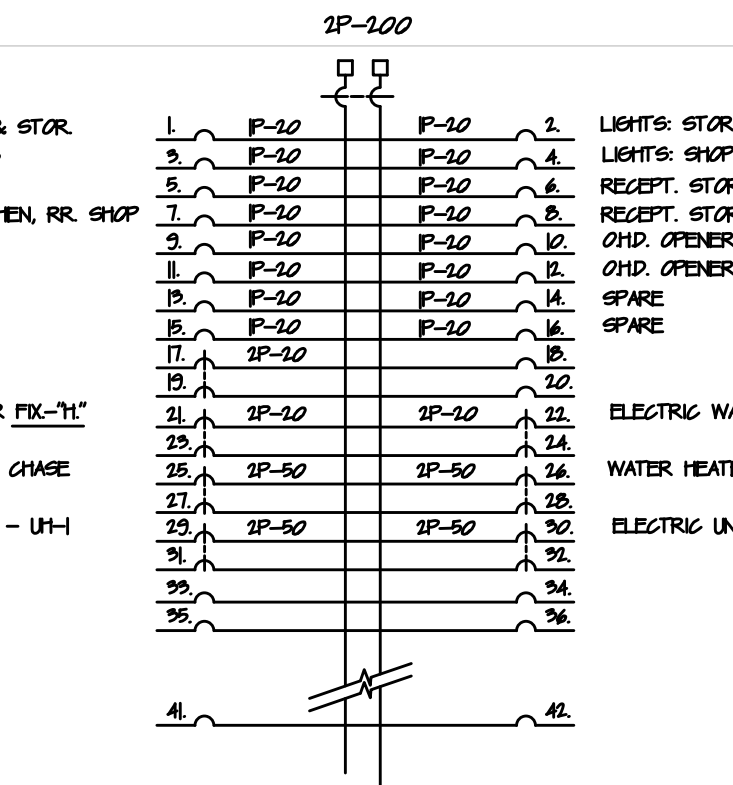
FIXTURE SCHEDULE						
MARK	VENDOR / MOD. #	LAMPS	SIZE	MOUNTING	DESCRIPTION	NOTES
A	CREE LED MOD# PK6-304-24-DM-04-E-LL-RZ-ML	40 LED	12"X12"	CLB/TRUSS MTD.	LED INTERIOR/EXTERIOR - M. OPTION = MULTI-LEVEL MOTION SENSOR DETECTION	1, 2 & 3
B	HUBBELL MOD# PFM3-BGL-3K-075-1D-SGO	180 LED	18"X18"DP.	EXTERIOR WALL	LED W/MOTION SENSOR @ SERVICE DOORS	1 & 2
C	COLUMBIA MOD# CWM2-30MM-PM-FRP-EU	LED	2'-0"	WALL	LED WALL MOUNTED @ RESTRM. SINK	1 & 2
D	NITONE MOD# 763RF	60W INCAND.	4" DUST	CEILING	CEILING EXHAUST FAN W/ FLOOR LIGHT	1, 2, 3 & 4
E	LITHONIA MOD# FULMIL AB 840	LED	47.4"X57.2"	CEILING	LED CEILING MOUNTED @ BREAK RM. & KITCHEN	1, 2 & 10
F	LEVITON MOD# 83304-C / ITEM 83CA01	60W	43 DIA.	WALL	LAMP HOLDER @ PIPE CHASE	1 & 2
WH-1	CHROMAMITE MOD# M 40/140	2P-50AMP	3 GA. WIRE	INTERIOR WALL	ELECTRIC POINT-OF-USE WATER HEATER @ BATH & KITCHEN - PRESET 110°F.	7
WH-2	CHROMAMITE MOD# M 40/140	2P-50AMP	3 GA. WIRE	INTERIOR WALL	ELECTRIC POINT-OF-USE WATER HEATER @ UTIL./MOP SINK - PRESET 120°F.	8
H	QMARK MOD# LFK-304		14.5"X23.5"	WALL	WALL HEATER @ RESTRM. 3000 WATTS / 18SAMP	
J	QMARK MOD# LFK-484F		14.5"X23.5"	WALL	WALL HEATER @ ADMIN AREA 4800/3600 WATTS / 32/17SAMP	
UH	QMARK MOD# MUH-102		22"X20"X9"	CEILING	ELECTRIC UNIT HEATER W/ QMARK MUH THERMOSTAT	1 & 6

FIXTURE SCHEDULE NOTES:

- ALL FIXTURES SHALL BE 120 VOLTS
- ALL LIGHTS SHALL BE INSTALLED WITH BULBS
- VENT TO OUTSIDE BETWEEN JOIST THROUGH WALL TO EXT. WALL CAP (NITONE MOD. #NWK-1)
- RESTROOM LIGHT/FAN SWITCH SHALL BE SINGLE POLE OCCUPANCY SENSOR. LEVITON CAT.# 055MT OR APPROVED EQUAL.
- ALL ELECTRICAL WORK SHALL BE PERFORMED BY OR UNDER THE SUPERVISION OF A LICENSED ELECTRICIAN.
- UNIT HEATERS SHALL BE INSTALLED WITH QMARK MUH THERMOSTATS.
- RESTROOM WATER HEATER TEMPERATURE SHALL BE PRE-SET TO 110°F. WITH MIN. #8 WIRE.
- UTILITY/MOP SINK WATER HEATER TEMPERATURE SHALL BE PRE-SET TO 120°F. WITH MIN. #8 WIRE.
- FIXTURE SHALL BE SUPPLIED WITH OPTION-ML "MOTION SENSOR", WHICH SHALL BE SET AT THE TIME OF INSTALLATION.
- ELECTRICAL CONTRACTOR SHALL SUPPLY/RUN 6'-0" OF ADDITIONAL WIRE AT ALL "E" FIXTURES (EXTRA LENGTH STORED AT EACH FIXTURE ABOVE CEILING).

ELECTRICAL CONTRACTOR NOTE:

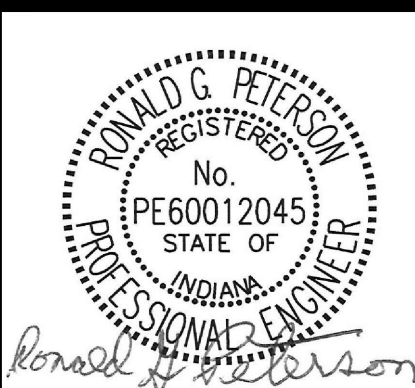
ALL EXPOSED WIRING SHALL BE CONTAINED IN INTERMEDIATE METALLIC TUBING (IMT) OR RIGID METALLIC CONDUIT (RMC).



ELECTRICAL SYMBOLS

MARK	DESCRIPTION
	RECEPTACLE - MOUNTED @ 48" AFF.
	RECEPTACLE GROUND FAULT CIRCUIT INTERRUPTER
	SINGLE POLE SWITCH
	SINGLE POLE OCCUPANCY SWITCH
	THREE - WAY SWITCH
	FLUORESCENT INTERIOR LIGHT FIXTURE
	SWITCH LEG WIRING
	SWITCH LEG WIRING FOR THREE POLE SWITCH
	FIXTURE WIRING
	BREAKER WIRING TO PANEL
	LONG DASH WITH DOT = GROUNDING CONDUCTOR (GREEN)
	LONG DASH = NEUTRAL CONDUCTOR (WHITE)
	SHORT DASH = PHASE CONDUCTOR (BLACK, RED, BLUE)
	NUMBER = WIRE SIZE IF OTHER THAN #12 AWG FOR ALL # CONDUCTORS IN THE SAME CONDUIT UNLESS OTHERWISE NOTED.
	ELECTRICAL PANEL
	INCANDESCENT EXTERIOR LIGHT FIXTURE
	MOTOR CONNECTION
	O.H.D. OPENER

INTERIOR LIGHTING COMPLIANCE CERTIFICATE VALUES					
COMMON SPACE TYPE: SHOP AREA (560 SQ.FT.)	LAMPS/ FIXTURE	NO. OF FIXTURES	FIXTURE WATTS	NO. OF FIX. X WATTS PER FIX.	
FIX-"A" 12" SQUARE LED	40	12	17W	204W	
FIX-"C" LED	1	2	17W	34W	
FIX-"D" FLUORESCENT FAN-LIGHT	1	1	60	60W	
FIX-"E" LED 4'-0"	2	3	40	120W	
FIX-"F" INCANDESCENT LAMP HOLDER - PIPE CHASE		1	60	60W	
TOTAL				478	
EXTERIOR LIGHTING COMPLIANCE CERTIFICATE VALUES					
MAIN / OTHER ENTRY / EXIT	FT. WIDTH	LAMPS/ FIXTURE	NO. OF FIXTURES	FIXTURE WATTS	NO. OF FIX. X WATTS PER FIX.
FIX-"B" LED	3'-0"	1	5	146	73
MECHANICAL COMPLIANCE CERTIFICATE VALUES					
SHOP AREA, KITCHENETTE, RESTRM. & PIPE CHASE	FLOOR AREA	NO. OF FIXTURES	FIXTURE WATTS		
UNIT HEATER - ELECTRIC - 10KW ( FIX "UH" )	— SQ.FT.	2	10 KW		
RADIANT HEATER - ELECTRIC - 2KW ( FIX "H" )	— SQ.FT.	1	4800/3600		
SUB-TOTAL	969 SQ.FT.				
RADIANT HEATER - ELECTRIC - 2KW ( FIX "H" IN RESTRM. )	78 SQ.FT.	1	3000		
WATER HEATER - ELECTRIC - 10KW ( FIX "WH-1" )		1	3600		
WATER HEATER - ELECTRIC - 10KW ( FIX "WH-2" )		1	3600		
TOTAL	1047 SQ.FT.				



Certified by:

STORAGE BUILDING  
MORaine NATURE PRESERVE  
DEPT. OF NATURAL RESOURCES  
275 E. 650 N.  
VALPARAISO, INDIANA 46383



STATE OF INDIANA  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF ENGINEERING  
ROOM 9299 INDIANA GOVERNMENT CENTER SOUTH  
402 WEST WASHINGTON STREET  
INDIANAPOLIS, INDIANA 46204  
TEL 317-232-4150, FAX 317-233-1205

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