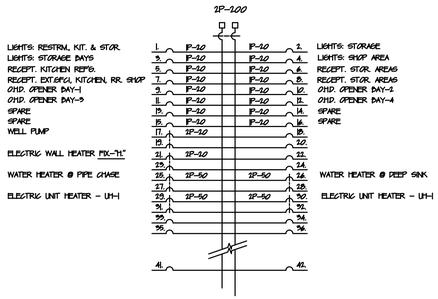
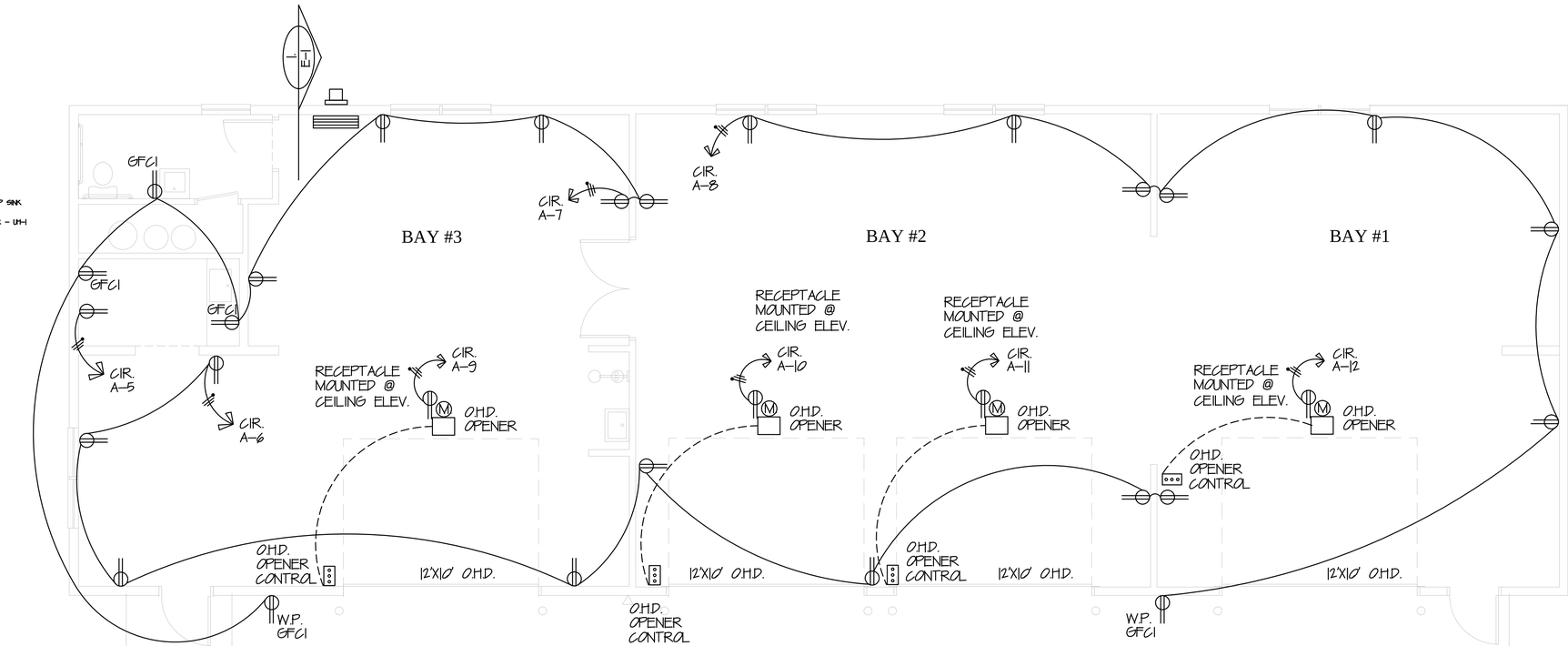


NEW 200AMP ELECTRICAL PANEL-"A"

SCALE: N.T.S.

ELECTRICAL SYMBOLS

MARK	DESCRIPTION
	RECEPTACLE - MOUNTED @ 48" A.F.F.
GFCI	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
M	MOTOR CONNECTION
	O.H.D. OPENER



RECEPTACLE PLAN

SCALE:

0 10 FT.

N

FIXTURE SCHEDULE

MARK	VENDOR / MOD. #		LAMPS	SIZE	MOUNTING	DESCRIPTION	NOTES
A.	CREE LED MOD.# PKG-30A-9M-DM-04-E-LL-BZ-ML		40 LED	12"X12"X15"	CLG/TRUSS MTD.	LED INTERIOR/EXTERIOR - ML OPTION = MULTI-LEVEL MOTION SENSOR DETECTION	1, 2, & 9.
B.	HUBBELL MOD.# PEM3-1BGL-3K-0SS-1-DD-SCO		180 LED	15"X15"X3"D.P.	EXTERIOR WALL	LED W/MOTION SENSOR @ SERVICE DOORS	1, & 2.
C.	COLUMBIA MOD.# CWM2-30MWSM-FRFP-EU		LED	2'-0"	WALL	LED WALL MOUNTED @ RESTRM. SINK	1, & 2.
D.	NUTONE MOD.# 763RP		60W INCAND.	4" DUCT	CEILING	CEILING EXHAUST FAN W/ FLUOR. LIGHT	1, 2, 3, & 4.
E.	LITHONIA MOD.# FMLML 4B 840		LED	47.4"X15.5"X1.6"	CEILING	LED CEILING MOUNTED @ BREAK RM. & KITCHEN	1, 2, & 10.
F.	LEVITON MOD. #12864-C / ITEM #BCA07		60W	4.5 DIA.	WALL	LAMP HOLDER @ PIPE CHASE	1, & 2.
WH-1	CHRONOMITE MOD.# M 40/240	2P-50AMP	3 GA. WIRE		INTERIOR WALL	ELECTRIC POINT-OF-USE WATER HEATER @ BATH & KITCHEN - PRESET 110°F.	7.
WH-2	CHRONOMITE MOD.# M 40/240	2P-50AMP	3 GA. WIRE		INTERIOR WALL	ELECTRIC POINT-OF-USE WATER HEATER @ UTL/MOP SINK. - PRESET 120°F.	8.
H.	QMARK MOD.# LPK-304			14.5"X8.25"	WALL	WALL HEATER @ RESTRM: 3000 WATTS / 13.5AMPS	
J.	QMARK MOD.# LPK-484P			14.5"X8.25"	WALL	WALL HEATER @ ADMIN AREA: 4800/3600 WATTS / 20/15AMPS	
UH.	QMARK MOD.# MUH-402			22"X5"X15"	CEILING	ELECTRIC UNIT HEATER W/ QMARK MUH THERMOSTAT	1, & 6.

FIXTURE SCHEDULE NOTES :

1. ALL FIXTURES SHALL BE 120 VOLTS
2. ALL LIGHTS SHALL BE INSTALLED WITH BULBS
3. VENT TO OUTSIDE BETWEEN JOIST THRUGH WALL TO EXT. WALL CAP (NUTONE MOD. #MVK-1).
4. RESTROOM LIGHT/FAN SWITCH SHALL BE SINGLE POLE OCCUPANCY SENSOR; LEVITON CAT.# OSSMT OR APPROVED EQUAL.
5. ALL ELECTRICAL WORK SHALL BE PERFORMED BY OR UNDER THE SUPERVISION OF A LICENSED ELECTRICIAN.
6. UNIT HEATERS SHALL BE INSTALLED WITH QMARK MUH THERMOSTATS.
7. RESTROOM WATER HEATER TEMPERATURE SHALL BE PRE-SET TO 110°F. WITH MIN. #3 WIRE.
8. UTILITY/MOP SINK WATER HEATER TEMPERATURE SHALL BE PRE-SET TO 120°F. WITH MIN. #3 WIRE.
9. FIXTURE SHALL BE SUPPLIED WITH OPTION-ML. "MOTION SENSOR", WHICH SHALL BE SET AT THE TIME OF INSTALLATION.
10. 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 METALIC TUBING (IMT) OR RIGID METALIC CONDUIT (RMC).

REF. DWG: 400-067 EAST CENTRAL STORAGE BLDG. - DATE 12/31/12

Sep 13, 2017 - 11:39am K:\ACTIVE-PROJECTS\NATURE PRESERVES\400 - MORAINE\400-071 Storage Bldg. & Site - Dale 5-17\DWGS\E-2 Receptacle .Plan.dwg

RONALD C. PETERSON REGISTERED No. PE60012045 STATE OF INDIANA PROFESSIONAL ENGINEER

Certified by:

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

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DIVISION OF ENGINEERING
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TEL 317-232-4150, FAX 317-233-1205

Revisions:

Project Number: Project#

Requisition Number: Requisition#

Designer: RGP | Drawing Date: 9/13/17

Drafter: MAC | Drawing Scale: AS NOTED

DNR Approval:

Client Approval:

File Number: 400-071

Drawing Number: E-2

Sheet: 12 of 12