

## POWER SYMBOLS

	CIRCUIT BREAKER
	GROUND CONNECTION
	HOME RUN TO PANEL (CKT. NO. AS SHOWN)
	TRANSFORMER
	CURRENT TRANSFORMER
	POTENTIAL TRANSFORMER
	20 AMPERE, 120 VOLT DUPLEX RECEPTACLE, +18" AFF
	20 AMPERE, 120 VOLT DOUBLE DUPLEX RECEPTACLE, +18" AFF
	20 AMPERE, 120 VOLT SINGLE RECEPTACLE
	20 AMPERE, 120 VOLT DUPLEX GFCI RECEPTACLE, +18" AFF
	OTHER POWER RECEPTACLE NEMA DESIGNATION AS NOTED
	MOTOR
	JUNCTION BOX
	POWER POLE CONNECTION TO MODULAR FURNITURE WHIP
	TRANSFORMER
	CIRCUIT BREAKER SIZED AS NOTED
	PANELBOARD NORMAL POWER
	UNFUSED SAFETY SWITCH, RATING AS NOTED 200/3 POLES AMPERES
	FUSED SAFETY SWITCH, RATING AS NOTED 3R XXAF XXAT FRAMESIZE FUZE/TRIP NEMA RATING
	MAGNETIC MOTOR STARTER, RATING AS NOTED
	MANUAL TOGGLE OPERATED MOTOR STARTER
	ELECTRIC ACTUATED VALVE

## LIGHTING SYMBOLS

	FLUORESCENT LIGHT FIXTURE
	FLUORESCENT WALL MOUNTED FIXTURE
	FLUORESCENT PENDANT MOUNTED FIXTURE
	FLUORESCENT STRIP/WRAP FIXTURE
	EXTERIOR H.I.D. WALL-PACK
	ROUND RECESSED CEILING MOUNTED FIXTURE
	PENDANT MOUNTED FIXTURE
	EMERGENCY LED EXIT SIGN
	COMBINATION EMERGENCY EXIT SIGN & LIGHTING FIXTURE WITH DUAL LAMPS HEADS BATTERY AND CHARGER
	EMERGENCY LIGHTING FIXTURE WITH DUAL LAMPS HEADS BATTERY AND CHARGER
	REMOTE EMERGENCY LIGHTING LAMP HEAD
	LIGHT SWITCH SP a DENOTES FIXTURE SWITCHED P = PILOT LIGHT (WHERE NOTED) 3 = 3-WAY (WHERE NOTED) 4 = 4-WAY (WHERE NOTED)
	ULTRASONIC/INFRARED OCCUPANCY SENSOR C = CEILING MOUNTED W = WALL MOUNTED 48" AFF (TO TOP)
	TIME CLOCK
	LIGHTING CONTACTOR
	PHOTOCELL

## GENERAL ELECTRICAL NOTES

- ALL WORK SHALL BE IN COMPLIANCE WITH NFPA-70, NATIONAL ELECTRICAL CODE.
- ALL MOTOR SAFETY SWITCHES, DISCONNECTS AND MOTOR STARTERS ARE FURNISHED BY DIVISION 16000 UNLESS NOTED AS FURNISHED WITH EQUIPMENT (FWE).
- UNLESS OTHERWISE NOTED, CONVENIENCE RECEPTACLES SHALL BE MOUNTED 18 INCHES AFF AND LIGHTING TOGGLE SWITCHES 48 INCHES AFF.
- ALL PENETRATIONS THROUGH FLOORS, RATED WALLS AND PARTITIONS SHALL BE SEALED WITH A UL APPROVED FIRE SEALANT MATERIAL TO MAINTAIN THE RATING OF THE SEPARATION.
- LIGHTING TOGGLE SWITCHES SHALL BE COMMERCIAL SPECIFICATION GRADE, 120 VOLT, SIDE WIRED AS MANUFACTURED BY LEVITON, PASS & SEYMOUR, OR APPROVED EQUAL.
- CONVENIENCE RECEPTACLES SHALL BE COMMERCIAL SPECIFICATION GRADE UNLESS SHOWN OTHERWISE, GROUNDING TYPE, NEMA 5-20R, SIDE WIRED, AS MANUFACTURED BY LEVITON, PASS & SEYMOUR, OR APPROVED EQUAL.
- DEVICE COVERPLATES SHALL BE THERMOPLASTIC NYLON TYPE WITH IVORY FINISH IN ALL FINISHED SPACES. MECHANICAL ROOMS, ELECTRICAL ROOM, AND UTILITY ROOMS SHALL BE FURNISHED WITH BRUSHED STAINLESS STEEL COVERPLATES.
- UNLESS OTHERWISE NOTED ALL HOMERUNS FOR 15 OR 20A CIRCUITS SHALL BE 2#12AWG & #12 GND. HOMERUNS FED FROM 20A, 1P CIRCUITS IN EXCESS OF 100 FEET (FOR 120V CIRCUITS) SHALL BE #10AWG. ALL WIRING SHALL BE COPPER.
- CONDUIT SYSTEMS: EXPOSED INTERIOR CONDUITS SHALL BE EMT, 3/4" MINIMUM. PROPERLY SUPPORTED MC CABLE ASSEMBLIES MAY BE USED ABOVE CEILINGS AND IN WALLS. FLEXIBLE LIQUIDTIGHT CONDUIT WHIPS SHALL BE USED FOR CONNECTION TO VIBRATING EQUIPMENT IN THE MECHANICAL ROOM.

## FIRE ALARM SYMBOLS

	PULL STATION
	FIRE ALARM AUDIBLE/VISIBLE NOTIFICATION APPLIANCE (GENERAL EVACUATION)
	STROBE UNIT XX= CANDELA
	SMOKE DETECTOR
	FIXED TEMP HEAT DETECTOR (135F OR 200F)
	FIRE ALARM CONTROL PANEL
	ANNUNCIATOR
	MASTER BOX
	DIGITAL COMMUNICATOR
	DUCT SMOKE DETECTOR
	REMOTE TEST STATION
	SPRINKLER TAMPER SWITCH
	SPRINKLER FLOW SWITCH
	SPRINKLER PRESSURE SWITCH
	MONITOR MODULE
	CONTROL MODULE
	RED MASTER BOX LIGHT
	KNOX BOX, FBO
	HOOD EXT SYSTEM
	DOOR HOLDER
	SIGNAL POWER EXTENDER

## SYSTEMS SYMBOLS

	TELEPHONE SYSTEM WALL JACK
	CAT5E DATA DROP
	CATV JACK
	SECURITY SYSTEM DOOR SWITCH
	ELECTRIC DOOR LOCK SET
	SECURITY SYSTEM CARD ACCESS PAD

FOR REVIEW  
NOT FOR CONSTRUCTION



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## Riverside Golf Course - North Course Club House Design Study

Riverside Street  
Portland, Maine

REVISIONS

PERMIT  
DOCUMENTS  
January 14, 2013

Electrical Power &  
Systems Plans  
Scale: As Noted

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