

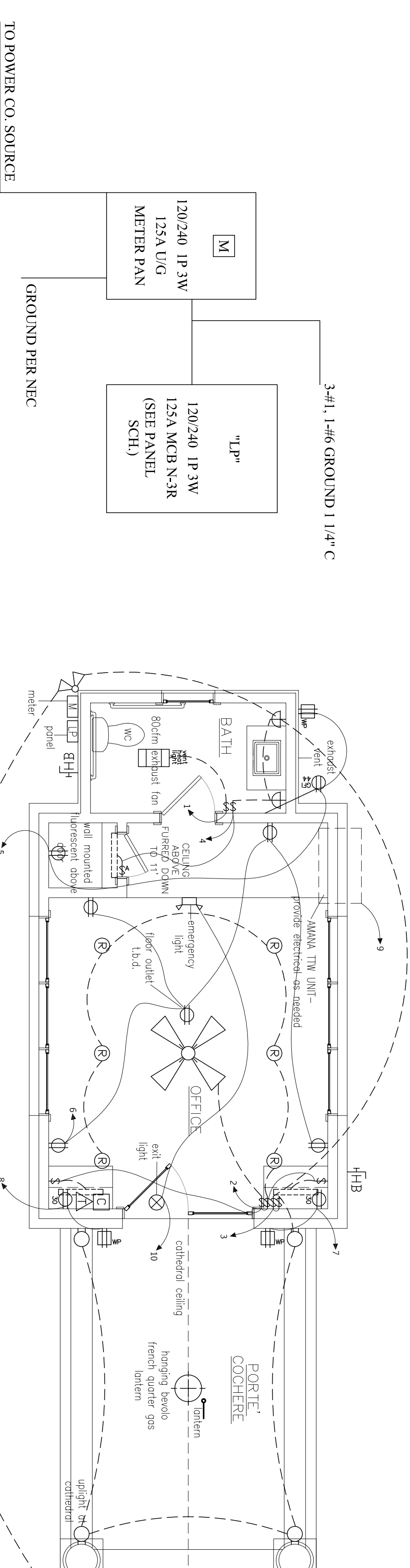
Project No.	March 18, 2015
Date	May 22, 2015
Revised	June 11, 2015
	June 25, 2015
	October 20, 2015
	February 4, 2016
Drawn by	JIM/WNT/H
Scale	as noted
Sheet Title	Lighting/ Interiors
Sheet No.	

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
Ⓡ	RECESSED FIXTURE	-----	FLOUORESCENT STRIP FIXTURE
Ⓢ	EXTERIOR RECESSED FIXTURE	□	48" 2-LAMP FLOUORESCENT FIXTURE
Ⓜ	WATERPROOF RECESSED FIXTURE	⊕	CEILING FAN, WITHOUT LIGHT KIT
⊕	WALL SCONCE - ELECTRIC	⊙	SPOTLIGHTS
⊕	PENDANT FIXTURE		
⊕	UPLIGHT AT EXTERIOR		
⊕	HEAT, VENT, LIGHT		

MEP SYMBOLS	DESCRIPTION	SYMBOL	DESCRIPTION
Ⓢ	SINGLE SWITCH, 42" A.F.F.	Ⓢ	GROUND FAULT INTERRUPTED OUTLET, WEATHER PROOF
Ⓢ	3-WAY SWITCH, 42" A.F.F.	Ⓢ	HOSE BIB
Ⓢ	4-WAY SWITCH, 42" A.F.F.	Ⓢ	CABLE OUTLET, 18" A.F.F.
Ⓢ	DIMMER SWITCH, 42" A.F.F.	Ⓢ	TELEPHONE, 18" A.F.F.
Ⓢ	AUTOMATIC DOOR SWITCH	Ⓢ	SMOKE DETECTOR
Ⓢ	DUPLEX OUTLET, 18" A.F.F.	Ⓢ	THERMOSTAT
Ⓢ	DUPLEX OUTLET, DIST. A.F.F.		
Ⓢ	GROUND FAULT INTERRUPTED OUTLET, DIST. A.F.F.		
Ⓢ	GAS LOCATION		

ELECTRICAL NOTES:

1. ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, THE GOVERNING ELECTRICAL CODE AND ALL OTHER INSPECTION DEPARTMENTS HAVING JURISDICTION. OBTAIN CERTIFICATES OR APPROVAL WHERE REQUIRED.
2. ALL MATERIALS FURNISHED SHALL BE NEW AND SHALL BE U.L. LISTED.
3. PERFORM TEST REQUIRED BY THE OWNER OR THE ENGINEER IN CONNECTION WITH THE OPERATION OF THE ELECTRICAL SYSTEM IN THE BUILDING. ALL TESTS SHALL BE MADE IN ACCORDANCE WITH THE LATEST STANDARD OF THE IEEE AND THE NATIONAL ELECTRICAL CODE.
4. MINIMUM CONDUCTOR SIZE SHALL BE #12, 600V INSULATION, MINIMUM SIZE CONDUIT SHALL BE 3/4" ELECTRICAL METALLIC TUBING (EMT) FOR INTERIOR USE, 3/4" RIGID ALUMINUM FOR EXTERIOR USE ABOVE GRADE AND 1" SCHEDULE 40 P.V.C. BURIED A MINIMUM OF 18" FOR NON-VEHICULAR TRAFFIC AREAS. FOR CONDUITS BELOW GRADE, EMT SHALL BE USED WITH METAL STUD CONSTRUCTION, USE MNC IN WOOD CONSTRUCTION. 6 FT LENGTH MC CABLE IS ALLOWED ABOVE DROPPED CEILING. INTERIOR FITTINGS SHALL BE CAST WHERE EXPOSED ON WALLS, AND EXTERIOR FITTINGS SHALL BE CAST BOXES WITH NEMA 3R COVERS).
5. ALL 120V RUNS LONGER THAN 60 FEET SHALL BE #10 AWG AND 277V RUNS LONGER THAN 150 FEET SHALL BE #10 AWG UNLESS NOTED OTHERWISE.
6. INSTALL GROUND FAULT RECEPTACLES AT RECEPTACLE LOCATIONS WITHIN 5' OF SINKS OR LAVATORIES, AND AT EXTERIOR LOCATIONS.
7. BONDING AND GROUNDING SHALL BE IN ACCORDANCE WITH NFPA 70:230-63, NFPR 250-23, 250-71 & 250-72.
8. GROUND NEUTRAL IN ACCORDANCE WITH NFPA 70:250-23b.



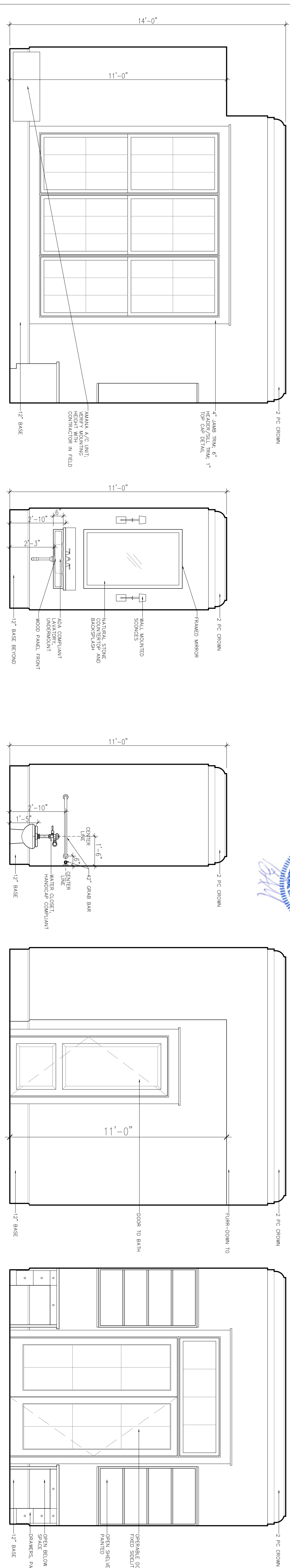
ONE LINE DIAGRAM
NTS

Lighting Plan
Scale: 1/4" = 1'-0"

120/240 1P 3W 125A MCB N-3R SURFACE MOUNT 10KALC

Circuit No.	Description	Conductor Size	Volt Amps A	Volt Amps C	Breaker Size	Breaker Size	Volt Amps A	Volt Amps C	Conductor Size	Circuit No.
1	LIVING BATHROOM	#12	1800	1000	1P 20A	1P 20A	1000	750	#12	2
2	EXTERIOR FLOORS & PORTE COCHERE	#12	720	360	1P 20A	1P 20A	900	340	#12	4
3	REAR W/2. BATH GRN. CLOSET RECEPTACLES	#12	360	180	1P 20A	1P 20A	120	340	#12	6
7	COUNTER TOP REC., EXT. FRONT W/P GRH	#12	2880	1440	1P 20A	1P 20A	120	340	#12	8
9	PTAC UNIT (XX)	#10	2800	1400	2P 30A					10
11										12
(XX) SIZE BREAKER TO MATCH UNIT INSTALLED.			5400	2700			2020	1110		
PHASE			4240	2120			7420	3530		
TOTAL VA							12770			

PANEL "1P"



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