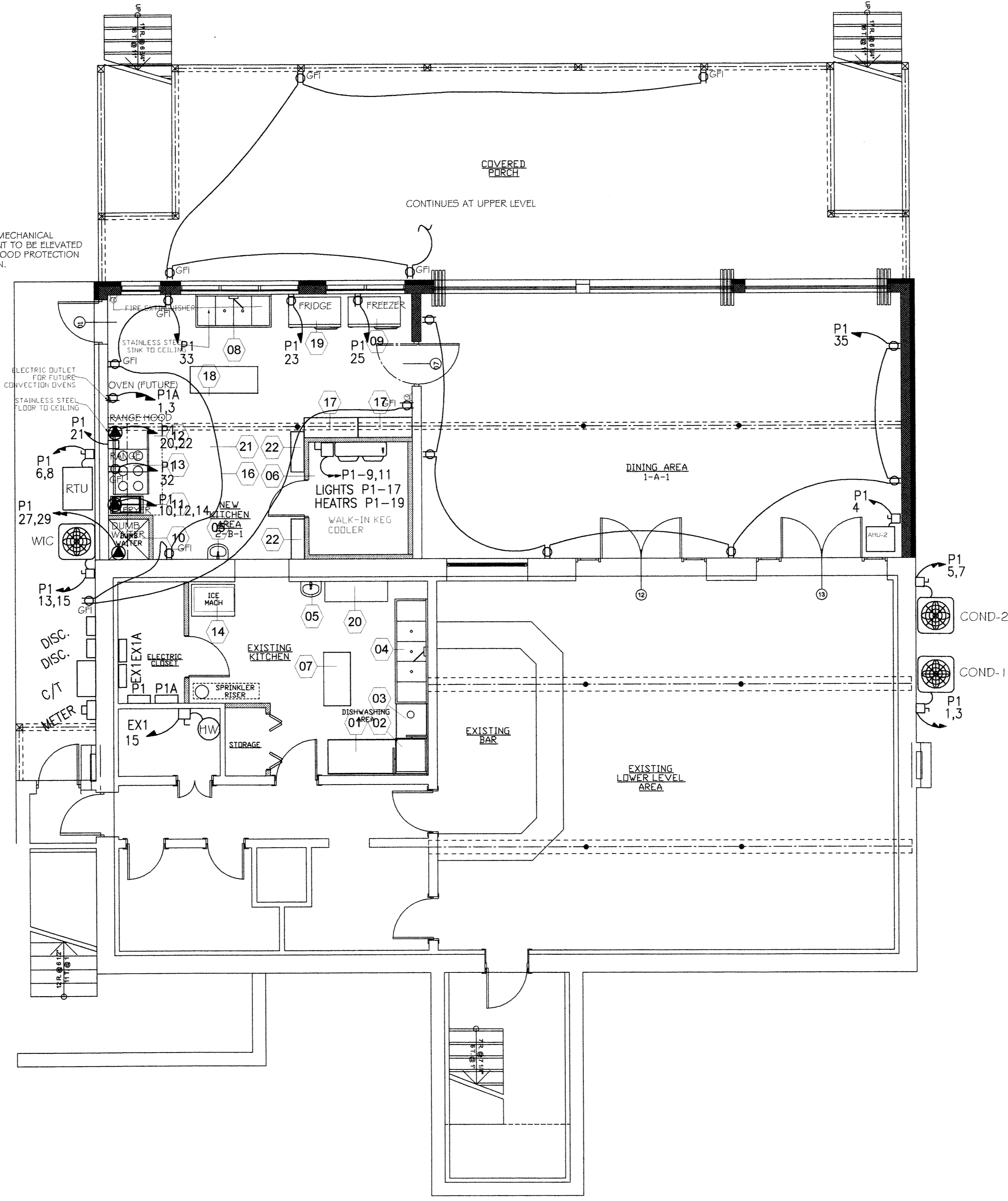


GENERAL DRAWING NOTES

1. PROVIDE SERVICE ENTRANCE AND POWER DISTRIBUTION EQUIPMENT AS SHOWN ON THE RISER. ALL CONDUCTORS SHALL BE COPPER.
2. CONTRACTOR TO COMPLETE DISTRIBUTION PANEL SCHEDULE ON INSIDE DOOR OF PANEL.
3. PROVIDE PROPER LIGHT FIXTURE FOR THE TYPE OF CEILING INSTALLED, INCLUDING ALL ACCESSORIES REQUIRED SUCH AS BAR HANGERS, TRIM, FLANGE RINGS, ETC.
4. TELEPHONE AND COMPUTER RECEPTACLES ARE TO BE LOCATED AND INSTALLED BY OTHERS BUT UNDER THIS CONTRACT. TERMINATION POINT IS DESIGNATED BY OTHERS.
5. PROVIDE SIMPLE LIGHTING AS PRUDENT IN ATTICS AND UNOCCUPIED SERVICE AREAS. PROVIDE 120V RECEPTACLES AS PRUDENT NEAR HVAC EQUIPMENT IN ATTIC, ROOF, AND SERVICE AREAS.
6. ELECTRICAL SERVICE IN EXISTING BUILDING IS TO BE CODE COMPLIANT. THIS PLAN(S) MAKES NO CHANGES TO THE EXISTING ELECTRICAL SERVICE BEYOND PANELS #1 AND #2. EXISTING PANELS #1 AND #2 ARE CONSOLIDATED INTO PANELS EX1 AND EX1A AS SHOWN ON THESE ELECTRIC DRAWINGS. EXISTING PANELS #1 (CUTLER HAMMER) AND PANEL #2 (UNKNOWN) ARE NOT TO BE RETAINED.
7. ALL AIR CONDITIONING UNITS, MAKE-UP AIR UNITS\*, AND FAN COILS\* SHALL HAVE A DISCONNECT SWITCH LOCATED WITHIN 36" OF THE RESPECTIVE UNIT. IF FACTORY EQUIPPED WITH ONE, THIS REQUIREMENT IS SATISFIED. IN ALL CASES, THE NEC REQUIREMENTS FOR DISCONNECTS ARE THE MINIMUM ACCEPTABLE STANDARD. [\*OVER 1/8HP PER NEC 430-109(B)]
8. ALL MECHANICAL AND HVAC EQUIPMENT LOCATIONS ARE APPROXIMATE, AND SHOULD BE COORDINATED WITH MECHANICAL DRAWINGS FOR ACTUAL LOCATIONS.
9. ALL WORK SHOWN ON THESE DRAWINGS IS DIAGNOSTIC. ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH THE OTHER TRADES. DO NOT SCALE DRAWINGS FOR OUTLET LOCATIONS. VERIFY ALL OUTLETS AND EQUIPMENT LOCATIONS BEFORE COMMENCING WORK. COORDINATE ALL WORK WITH ARCHITECTURAL AND EQUIPMENT DRAWINGS.
10. ALL ELECTRICAL WORK IS TO CONFORM TO THE RULES, REGULATIONS, AND RECOMMENDATIONS OF THE NATIONAL BOARD OF FIRE UNDERWRITERS, THE POWER COMPANY FURNISHING SERVICE, AND LOCAL AND STATE ORDINANCES. THE NATIONAL ELECTRIC CODE SHALL BE THE MINIMUM ACCEPTABLE STANDARD.
11. ALL EQUIPMENT SHALL BE LISTED BY UNDERWRITERS LABORATORY, INC. AND SHALL BEAR THE UL LABEL. PROVIDE ONLY NEW, UNDAMAGED EQUIPMENT UNLESS OTHERWISE INDICATED.
12. THE ELECTRIC PLAN IS DIAGNOSTIC ONLY. REFER TO THE ARCHITECTURAL PLAN FOR EXACT LOCATION OF STRUCTURE. VERIFY DOOR SWINGS BEFORE INSTALLING LIGHT SWITCHES. INSTALL ON LOCK SIDE OF DOOR, 48" AFF UNLESS OTHERWISE NOTED. LOCATIONS SHOWN FOR ALL LIGHT FIXTURES ARE APPROXIMATE, AND MAY BE CHANGED SLIGHTLY TO ACCOMMODATE DROP CEILING LOCATIONS AND PHYSICAL OBSTRUCTIONS.
13. COORDINATE SERVICE ENTRANCE FOR AC POWER WITH APPROPRIATE UTILITY COMPANY. PROVIDE EQUIPMENT AND PERFORM WORK IN ACCORDANCE WITH THEIR STANDARDS.
14. WIRE SHALL BE SIZED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE. EACH CIRCUIT SHALL CONNECT NO MORE ITEMS (LIGHTS, RECEPTACLES, SWITCHES, ETC.) THAN DIRECTED BY THE NATIONAL ELECTRIC CODE. WIRE SHALL BE COPPER WITH 75 DEGREE INSULATION. PROVIDE #12 WIRE MINIMUM, 1/2" CONDUIT MINIMUM UNLESS OTHERWISE DIRECTED. PROVIDE ALL WIRES NECESSARY FOR PROPER FUNCTION OF SYSTEM.
15. PROVIDE RIGID STEEL CONDUIT, OR IMC WHERE EMBEDDED IN CONCRETE, OR IN CONTACT WITH THE EARTH. PROVIDE EMT OR AC ELSEWHERE.
16. THE CONTRACTOR IS RESPONSIBLE FOR CORRECTLY PHASING THE CIRCUITS IN THE PANEL.
17. WHERE OUTLETS ARE INDICATED IN CLOSE PROXIMITY TO EACH OTHER, PROVIDE GANGED, DIVIDED OUTLET BOX WITH COMMON COVER PLATE.
18. DISCONNECT SWITCHES, CONDUITS, RECEPTACLES, ETC., MOUNTED ON MECHANICAL EQUIPMENT SHALL BE MOUNTED IN SUCH A MANNER AS TO NOT INTERFERE WITH PROPER FUNCTION OF MECHANICAL EQUIPMENT.
19. PANELS SPACING SHALL BE MAINTAINED, AND CLEARANCE AROUND PANELS SHALL BE MAINTAINED, IN ACCORDANCE WITH NEC 110-26.
20. INTERRUPTION OF ELECTRIC SERVICE SHALL BE MINIMIZED AT ALL TIMES, AND MUST BE COORDINATED WITH THE OWNER.
21. IN THE EVENT OF A DISAGREEMENT BETWEEN THE DRAWINGS AND THESE NOTES, THE NOTES SHALL TAKE PRECEDENCE.

NOTE:  
ALL NEW MECHANICAL EQUIPMENT TO BE ELEVATED ABOVE FLOOD PROTECTION ELEVATION.



NOTE:  
ALL NEW MECHANICAL EQUIPMENT TO BE ELEVATED ABOVE FLOOD PROTECTION ELEVATION.

MATERIALS KEYNOTES

ELECTRICAL LEGEND	
	DUPLEX OUTLET 20A, NEMA 5-20R 1.8" AFF
	GFI OUTLET FEED THRU TYPE
	DOUBLE DUPLEX OUTLET; 5-20R
	DATA OUTLET
	TELEPHONE & DATA OUTLET
	TELEPHONE OUTLET
	WALL TELEPHONE OUTLET
	PRINTER OUTLET
	COAXIAL OUTLET
	SWITCH WIDENER
	SINGLE POLE 20A 120/277V SWITCH
	FIRE ALARM PULL STATION
	FIRE ALARM AUDIBLE/VISUAL
	FIRE ALARM STROBE ONLY
	HOMERUN TO PANEL; NO. OF ARROWS INDICATES NO. OF CIRCUITS/POLES
	WIRING CONCEALED ABOVE CEILING OR WALL
	NON-FUSED SAFETY SWITCH, SUBSCRIPT DENOTES RATING/POLES
	PHOTOCELL
	FIRE ALARM DUCT SMOKE DETECTOR
	FIRE ALARM SMOKE DETECTOR

LOWER LEVEL POWER PLAN

SCALE: 3/16" = 1'-0"

ENGINEER'S CERTIFICATION STATEMENT

I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 16927, EXPIRATION DATE MAY 12, 2010.

REVISIONS/SUBMISSIONS \_\_\_\_\_ Date \_\_\_\_\_

**LEWIS ENGINEERING ASSOCIATES, INC**  
**MECHANICAL and ELECTRICAL ENGINEERS**  
 28841 RIVERWATCH DRIVE, MECHANICSVILLE, MD 20659  
 PHONE (301) 884-3370 FAX (301) 884-2654 EMAIL lewiseng.net

**Patuxent Architects**  
 P.O. Box 421 Prince Frederick, Maryland 20678  
 www.patuxentarchitects.com TEL 410-257-9298 FAX 410-535-4127

**Solomons Yacht Club**  
 Solomons Island, MD

Drawing Title <b>LOWER LEVEL POWER PLAN</b>		
Seal	Designed By NL	Project No.
Checked By BL	Scale 3/16" = 1'-0"	Drawing No. <b>E-4</b>
Reviewed By BL	Date MAR. 24, 2009	4 of 5