

**THE STATE OF CONNECTICUT
DEPARTMENT OF HOUSING (DOH)**

**COMMUNITY DEVELOPMENT BLOCK GRANT-DISASTER RECOVERY PROGRAM
(CDBG-DR)**

OWNER-OCCUPIED REHABILITATION AND REBUILDING PROGRAM (OORR)

STORM SANDY RELIEF

**GOVERNOR
DANNEL P. MALLOY**

**COMMISSIONER OF HOUSING
EVONNE M. KLEIN**

**APPLICATION NO.1486
21 DANBURY AVE.
WESTPORT, CT 06880
MARCH 26, 2015**

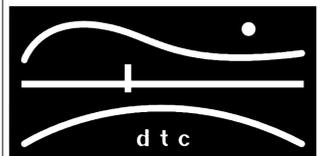


PROJECT LOCATION MAP
NTS

| DRAWING INDEX | |
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| SHEET NO. | DRAWING TITLE |
| G-100 | COVER SHEET |
| A-101 | FLOOR PLANS |
| E-001 | ELECTRICAL GENERAL NOTES, LEGENDS & ABBREVIATIONS |
| E-100 | ELECTRICAL FIRST FLOOR PLAN |

NOTES:

REVISIONS



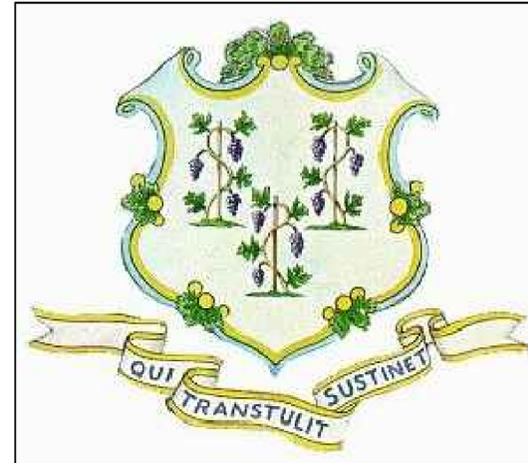
DIVERSIFIED TECHNOLOGY CONSULTANTS
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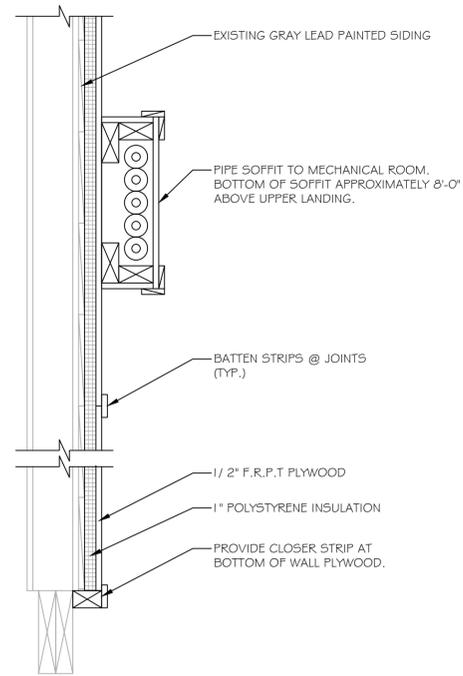
OORR
APPLICATION NO. 1486
CADY RESIDENCE
21 DANBURY AVE
WESTPORT, CT

COVER SHEET

DTC PROJECT NUMBER: 13-449-013
DTC DRAWING FILE:
SCALE: DRAWN BY:
DATE: 3/26/2015 CHECKED BY:

SHEET:
G-100





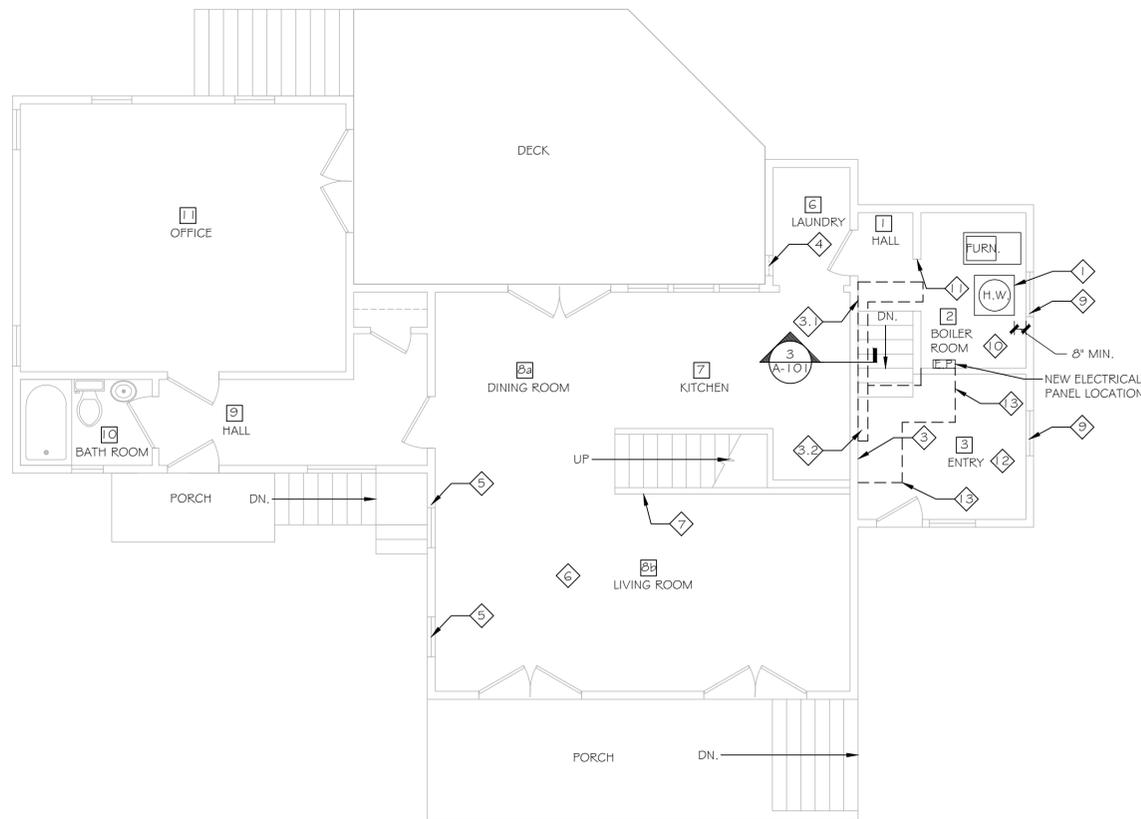
3 PIPE SOFFIT DETAIL
A-101 SCALE: 1-1/2" = 1'-0"

KEY NOTES

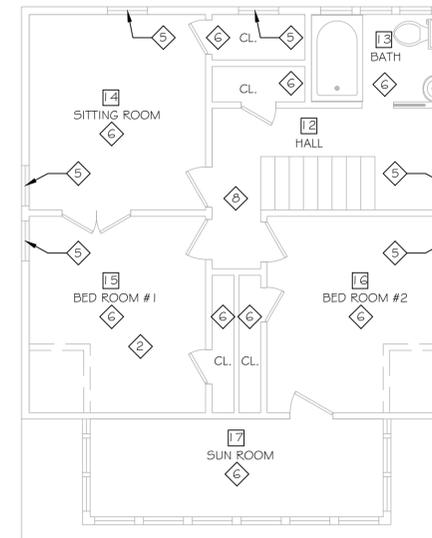
- 1 RAISE WATER HEATER. PROVIDE CONCRETE PEDESTAL FOR WATER HEATER. PEDESTAL SHALL BE 2'-4" x 2'-4" x 1'-10" (H).
- 2 CLEAN ROOM FLOOR OF LEAD DUST. REPLACE CARPETING IN KIND.
- 3 ENCAPSULATE GREY LEAD PAINTED WOOD SIDING. REMOVE MECH. & PLUMBING PIPING & WIRING. INSTALL 1" POLYSTYRENE INSULATION BOARD OVER ENTIRE GREY PAINTED WALL. INSTALL 1/2" F.R.P.T. PLYWOOD OVER POLYSTYRENE. PROVIDE 1/2" x 2" BATTEN STRIPS AT ALL SEAMS & EDGES PAINT WALL. INSTALL NEW PIPING TO COMPLETE ALL SYSTEMS. RESTART ALL SYSTEMS & MAKE OPERATIONAL. INSTALL HEAT TRACE ON PIPING IN UNCONDITIONED SPACE (HALL, ENTRY, CRAWLSPACE). INSULATE PIPING WITH 2" CLOSED CELL PIPE INSULATION IN ALL UNCONDITIONED SPACE (HALL, ENTRY, CRAWLSPACE). RE-INSTALL/ INSTALL NEW WIRING AT LEAD PAINTED SIDING.
- 3.1 REMOVE SHELF. INSTALL NEW SHELF WHEN WALL ENCAPSULATED PROVIDE BLOCKING & SUPPORTS.
- 3.2 PROVIDE VERTICAL PIPE SHAFT FOR DROP TO CONNECT TO EXISTING PIPING.
- 4 WHITE LEAD PAINTED WOODEN PET DOOR FRAME DISPOSE FRAME & SILL. REPLACE WITH NEW & FINISH.
- 5 REMOVE (STRIP) LEAD PAINT FROM SILL AND WELL. RE-FINISH SILL AND WELL. LIQUID ENCAPSULATE WHITE PAINTED WOODEN WINDOW CASING.
- 6 LIQUID ENCAPSULATE ALL WHITE PAINTED WOOD BASE BOARD IN THIS ROOM.
- 7 LIQUID ENCAPSULATE WHITE PAINTED WOODEN STAIR STRINGERS. REMOVE (STRIP) WHITE LEAD FROM PAINT WOODEN STAIR RISERS AND REFINISH.
- 8 ALL DOORS ON SECOND FLOOR: REMOVE (STRIP) WHITE LEAD PAINT FROM ALL DOORS, FRAMES AND STOPS. REFINISH ALL DOORS. ENCAPSULATE ALL WHITE PAINTED WOODEN DOOR CASINGS.
- 9 DEMOLISH LEAD PAINTED WINDOW. PROVIDE NEW DOUBLE HUNG VINYL WINDOW.
- 10 REMOVE LOWER 48" OF DRYWALL AND INSULATION FROM ALL WALLS IN THIS ROOM. INSTALL NEW 1/2" F.R/ P.T PLYWOOD TRIM JOINTS WITH 1/2" x 2" BATTEN STRIPS. PROVIDE NEW FOAM-IN-PLACE CLOSED CELL THERMAL INSULATION TO FILL WALL CAVITY. PROVIDE LEVEL 4 DRYWALL FINISH-ALL REMAINING DRYWALL WALLS AND CEILINGS, AND FINISH WITH 3 COATS OF PAINT. REMOVE LOUVERS & RE-INSTALL @ SAME LOCATION FOR FINISHED INSTALLATION. INSULATE ALL PIPING IN THIS ROOM.
- 11 REMOVE AND DISCARD LEAD PAINTED DOOR FRAME.
- 12 REMOVE BATT INSULATION REMAINING IN WALLS UP TO 8 FEET ABOVE FOYER ENTRY CONCRETE. INSTALL NEW FOAM-IN-PLACE CLOSED CELL INSULATION TO FILL CAVITY. INSTALL 1/2" F.R.P.T. PLYWOOD WALLBOARD TRIM JOINTS WITH 1/2" x 2" P.T. BATTEN STRIPS.
- 13 CONSTRUCT CHASE AND SOFFITS TO CONCEAL ELECTRICAL WIRES.

NOTES:

1. EXISTING MINERAL WOOL INSULATION SHALL BE REMOVED WHERE NECESSARY TO COMPLETE THE WORK & RE-INSTALLED IN A NEAT & LIKE NEW CONDITION. PROVIDE NEW MINERAL WOOL INSULATION TO COMPLETE INSULATION SYSTEM.



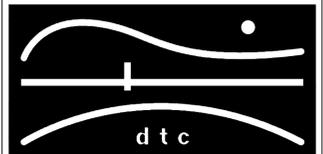
1 FLOOR PLAN
A-101 SCALE: 3/16" = 1'-0"



2 SECOND FLOOR PLAN
A-101 SCALE: 3/16" = 1'-0"

NOTES:

REVISIONS



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WESTPORT, CT

FLOOR PLANS

DTC PROJECT NUMBER: 13-449-013

DTC DRAWING FILE:

SCALE: VARIES

DRAWN BY: REM

DATE: 3/26/2015

CHECKED BY: MPC

SHEET:

A-101

13-449-013.dwg
 3/26/2015 10:58 AM
 REM

| ELECTRICAL LEGEND | |
|-------------------|--------------------------|
| SYMBOL | DESCRIPTION |
| | SURFACE PANELBOARD |
| | MOTOR |
| | HARDWIRED SMOKE DETECTOR |

| ELECTRICAL ABBREVIATIONS | |
|--------------------------|--|
| ABBREVIATIONS | DESCRIPTION |
| A | AMPERES |
| AC | ARMOR CLAD |
| AHJ | AUTHORITY HAVING JURISDICTION |
| AFF | ABOVE FINISHED FLOOR |
| AWG | AMERICAN WIRE GAUGE |
| C | CONDUIT |
| CU | COPPER |
| DWG | DRAWING |
| J | JUNCTION |
| KV | KILOVOLT AMPERE |
| KVA | KILOVOLT AMPERE |
| M | METER |
| MC | METAL CLAD |
| NEC | NATIONAL ELECTRIC CODE |
| NECA | NATIONAL ELECTRICAL CONTRACTORS ASSOC. |
| NEMA | NATIONAL ELECTRICAL MANUFACTURERS ASSOC. |
| NM/NM-B | NONMETALLIC SHEATHED |
| N.T.S. | NOT TO SCALE |
| OCP | OVERCURRENT PROTECTION |
| P | POLE |
| PH | PHASE |
| PVC | POLYVINYL CHLORIDE |
| S | SMOKE DETECTOR |
| UL | UNDERWRITER'S LABORATORY |
| U.O.N. | UNLESS OTHERWISE NOTED |
| V | VOLTS |
| VA | VOLT-AMPERES |
| W | WATTS |
| # | NUMBER |
| ' | FEET |
| " | INCHES |

- | ELECTRICAL GENERAL NOTES | |
|--------------------------|---|
| 1. | UNLESS OTHERWISE INDICATED, FURNISH AND INSTALL A COMPLETE AND OPERATIONAL ELECTRICAL SYSTEM INCLUDING ALL NECESSARY MATERIAL, LABOR, AND EQUIPMENT. |
| 2. | ELECTRICAL PLANS AND DETAILS, AND ONE LINE DIAGRAMS SHOW THE GENERAL LOCATION AND ARRANGEMENT OF THE ELECTRICAL SYSTEM. THEY ARE DIAGRAMMATIC AND DO NOT SHOW ALL CONDUIT BODIES, CONNECTORS, BENDS, FITTINGS, HANGERS, AND ADDITIONAL PULL AND JUNCTION BOXES WHICH THE CONTRACTOR MUST PROVIDE TO COMPLETE THE ELECTRICAL SYSTEM. |
| 3. | FURNISH AND INSTALL A TEMPORARY ELECTRICAL SERVICE FOR ELECTRICAL POWER DURING CONSTRUCTION. |
| 4. | ALL EQUIPMENT AND MATERIAL SHALL BE LABELED AND LISTED, AND INSTALLED IN ACCORDANCE WITH THEIR LISTING. |
| 5. | THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS AND ARRANGE FOR ALL REQUIRED INSPECTIONS IN ACCORDANCE WITH STATE GOVERNING AUTHORITIES. |
| 6. | ALL WORK SHALL BE DONE WITH LICENSED WORKMEN IN ACCORDANCE WITH STATE GOVERNING AUTHORITIES. |
| 7. | THE DEFINITION OF ELECTRICAL TERMS USED SHALL BE AS DEFINED IN THE 2011 EDITION OF THE NATIONAL ELECTRIC CODE (NEC). |
| 8. | THE TERM "INDICATED" SHALL MEAN "AS SHOWN ON CONTRACT DOCUMENTS (SPECIFICATIONS, DRAWINGS, AND RELATED ATTACHMENTS)". |
| 9. | THE TERM "SIZE" SHALL MEAN ONE OR MORE OF THE FOLLOWING: "LENGTH, CURRENT AND VOLTAGE RATING, NUMBER OF POLES, NEMA SIZE, AND OTHER SIMILAR ELECTRICAL CHARACTERISTICS". |
| 10. | ELECTRICAL PLANS AND DETAILS DO NOT SHOW ALL INTERFERENCES AND CONDITIONS, VISIBLE AND/OR HIDDEN, THAT MAY EXIST, THUS REQUIRING THE CONTRACTOR TO INSPECT AND SURVEY THE SPACE BEFORE PERFORMING THE WORK. |
| 11. | COORDINATE ELECTRICAL WORK WITH OWNER. |
| 12. | COORDINATE ELECTRICAL WORK WITH OTHER DIVISIONS OF THIS PROJECT. |
| 13. | BEFORE SELECTING MATERIAL AND EQUIPMENT, AND PROCEEDING WITH WORK, INSPECT AREAS WHERE MATERIAL AND EQUIPMENT ARE TO BE INSTALLED TO INSURE SUITABILITY, AND CHECK NEEDED SPACE FOR PLACEMENT, CLEARANCES AND INTERCONNECTIONS. |
| 14. | BEFORE CUTTING OR DRILLING INTO BUILDING ELEMENTS INSPECT AND LAYOUT WORK TO AVOID DAMAGING STRUCTURAL ELEMENTS AND BUILDING UTILITIES. |
| 15. | ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE (NEC) ANSINFPFA 70 2011 EDITION. |
| 16. | TYPICAL MOUNTING HEIGHTS OF DEVICES SHALL COMPLY NECA 1-2010. |
| 17. | PENETRATIONS THROUGH GROUND SLAB SHALL BE SEALED WITH POLYURETHANE SEALANT TYPICAL FOR ALL PENETRATIONS. |
| 18. | FURNISH AND INSTALL MEANS OF DISCONNECTION FOR ALL MOTORIZED EQUIPMENT AND APPLIANCES IN ACCORDANCE WITH NEC. |

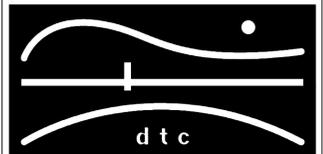
| DRAWING LIST | |
|--------------|---|
| SHEET | NAME |
| E-001 | ELECTRICAL GENERAL NOTES, LEGENDS AND ABBREVIATIONS |
| E-100 | ELECTRICAL FIRST FLOOR PLAN |

| FEEDER SCHEDULE | | | | |
|------------------------|--------------------------------------|-------------------------|--------------------------------------|--------------|
| INDOOR BRANCH CIRCUITS | CIRCUIT OR OVERCURRENT RATING 2 POLE | OUTDOOR BRANCH CIRCUITS | CIRCUIT OR OVERCURRENT RATING 2 POLE | SIZE CONDUIT |
| 2#14&1#14G. | 15A | 2#12&1#12G. | 15A | 3/4" |
| 2#12&1#12G. | 20A | 2#12&1#12G. | 20A | 3/4" |
| 2#10&1#10G. | 30A | 2#10&1#10G. | 30A | 3/4" |
| 2#8&1#10G. | 40A | 2#8&1#10G. | 40A | 3/4" |
| SERVICE | | 3#1&1#6G. | 100A | 1-1/2" |

- NOTES
 1. ALL BRANCH CIRCUIT USED INDOORS SHALL BE WIRED WITH NONMETALLIC SHEATHED CABLE (ROMEX), U.O.N.

NOTES:

REVISIONS



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ELECTRICAL GENERAL
 NOTES, LEGENDS AND
 ABBREVIATIONS

DTC PROJECT NUMBER: 13-449-013

DTC DRAWING FILE:

SCALE: NONE DRAWN BY: WM

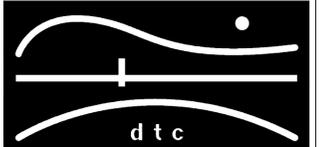
DATE: 3/26/2015 CHECKED BY: JP

SHEET:

E-001

NOTES:

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ELECTRICAL
FLOOR PLAN

DTC PROJECT NUMBER: 13-449-013

DTC DRAWING FILE:

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

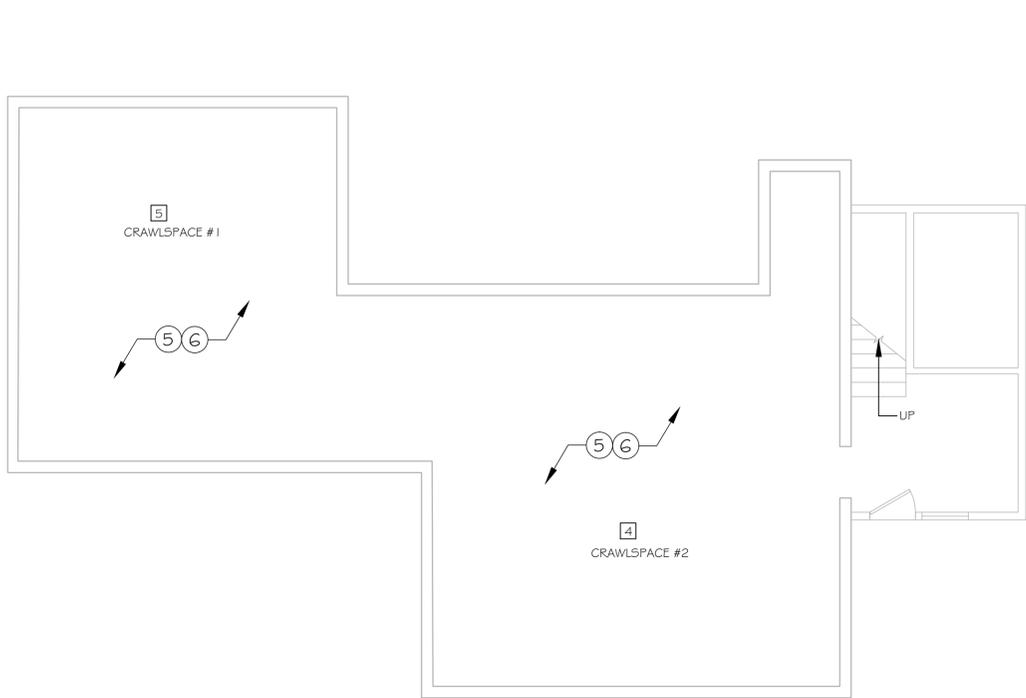
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DATE: 3/26/2015

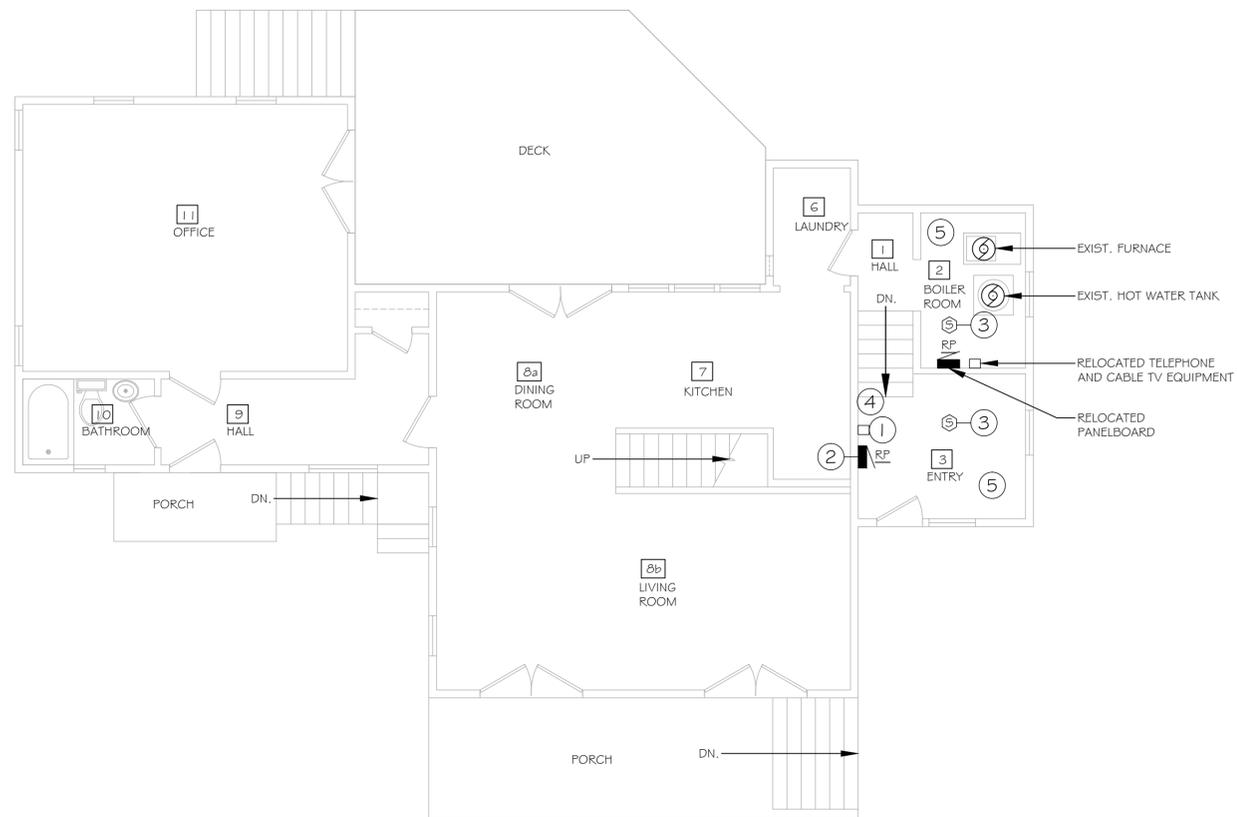
CHECKED BY: JP

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E-100



1 CRAWLSPACE PLAN
E-101 SCALE: 3/16" = 1'-0"



2 FIRST FLOOR PLAN
E-101 SCALE: 3/16" = 1'-0"

GENERAL NOTES

1. CIRCUITS ON THIS DRAWING SHALL BE SIZED 2#12, #12G AND SHALL BE CONNECTED TO NEW 20A-1P CIRCUIT BREAKER IN SOURCE PANEL, U.O.N.
2. 120VAC BRANCH CIRCUITS EXCEEDING 100' IN LENGTH SHALL BE INCREASED TO 2#10, #10G UNLESS OTHERWISE NOTED.
3. REFER TO DWG E-001 FOR SYMBOL LEGEND, ABBREVIATIONS, AND LIGHTING FIXTURE SCHEDULE.
4. IF 2011 NEC REQUIRED GROUNDING IS NOT PRESENT ON EXISTING OUTLETS TO BE REPLACED, THE REPLACEMENT OUTLETS SHALL BE GFI TYPE, OR PROPER GROUNDING SHALL BE PROVIDED VIA ANOTHER METHOD ACCEPTABLE TO AHJ.
5. BRANCH CIRCUITS USED INDOORS SHALL BE WIRED WITH NM CABLE U.O.N. REFER TO FEEDER SCHEDULE ON DRAWING E-001 FOR SIZING.
6. EQUIPMENT AND DEVICES LOCATED OUTDOORS SHALL BE CIRCUITED WITH CONDUIT AND WIRING. REFER TO FEEDER SCHEDULE ON DWG E-001 FOR SIZING.
7. CONTRACTOR SHALL CUT, PATCH AND PAINT ALL EXISTING AREAS THAT ARE AFFECTED BY NEW CONSTRUCTION.
8. HEAT TRACE SHALL BE RAYCHEM 8XL 1, 120V, 1 Ø., 8W/FT WITH A MAXIMUM OPERATING TEMPERATURE OF 150F OR APPROVED EQUAL.

ELECTRICAL KEYNOTES #

1. EXISTING TELEPHONE AND CABLE TV EQUIPMENT TO BE REMOVED AND RELOCATED. EXTEND EXISTING WIRING AS REQUIRED.
2. EXISTING PANELBOARD TO BE REMOVED AND RELOCATED. EXISTING CIRCUITING SHALL BE SPLICED IN A SINGLE WALL MOUNTED NEMA 4 ENCLOSURE AND EXTENDED TO RELOCATED PANELBOARD. EXTEND WIRING AND CABLING AS REQUIRED TO MATCH EXISTING BRANCH CIRCUITS. EXTEND EXISTING SERVICE ENTRANCE CONDUIT FROM METER TO PANELBOARD AND PROVIDE NEW SECONDARY WIRING AS REQUIRED FOR PANELBOARD RELOCATION. REFER TO FEEDER SCHEDULE ON DWG E-001 FOR SIZING.
3. REPLACE SMOKE DETECTOR. PROVIDE NEW DETECTOR IN EXACT LOCATION AND WIRE TO EXISTING CIRCUIT.
4. PROVIDE HEAT TRACE ON ALL TRAPS, DOMESTIC WATER PIPING AND SANITARY PIPING IN UNCONDITIONED SPACES (CRAWLSPACE, ENTRY HALL). WIRE HEAT TRACE TO 20A CIRCUITS 39 & 40 IN EXISTING PANELBOARD.
5. REPLACE ALL EXISTING JUNCTION BOXES, LIGHTING FIXTURES, RECEPTACLES, SWITCHES, CIRCUITS AND ALL DEVICES BELOW OR RUNNING BELOW THE HOUSE FIRST FLOOR ELEVATION. NEW DEVICES AND WIRING TO MATCH EXISTING.
6. REMOVE EXISTING INSULATION BELOW THE FIRST FLOOR ELEVATION AND RE-INSTALL AFTER ELECTRICAL CIRCUITS ARE INSTALLED.