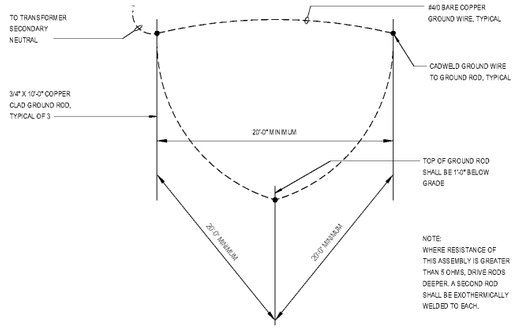
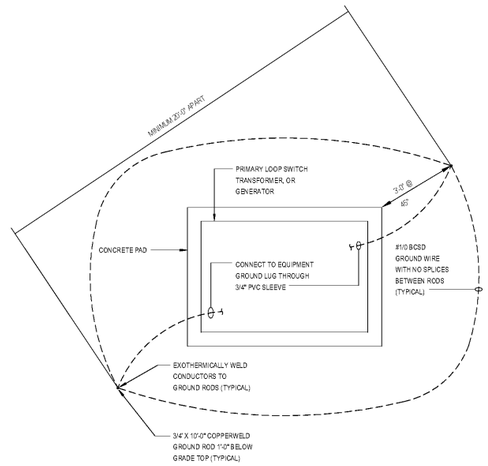
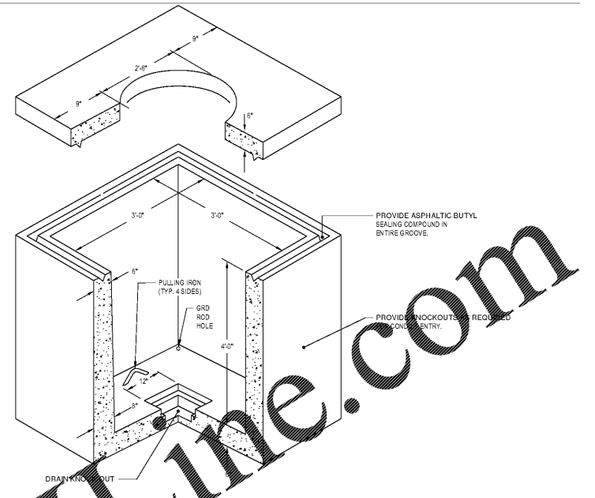


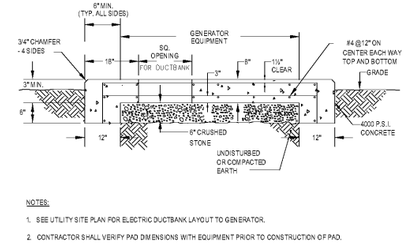
DETAIL - GROUND GRID — SCALE: NONE — 1



DETAIL - OUTDOOR EQUIPMENT GROUNDING — SCALE: NONE — 2



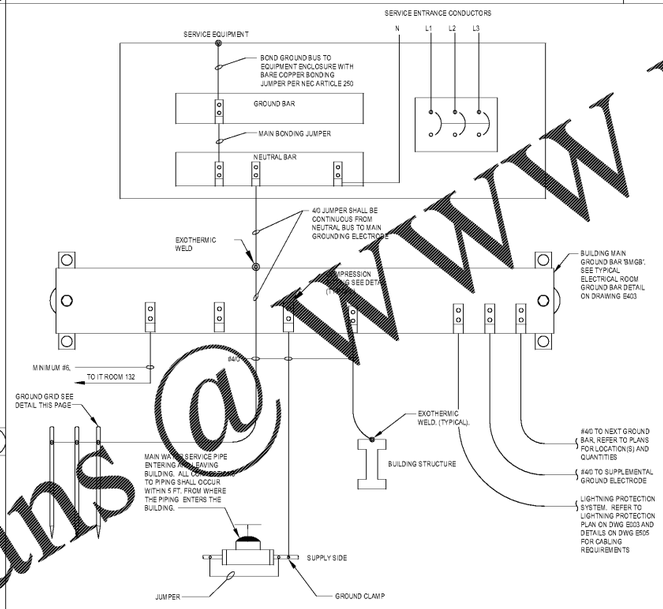
DETAIL - HANDHOLD — SCALE: NONE — 3



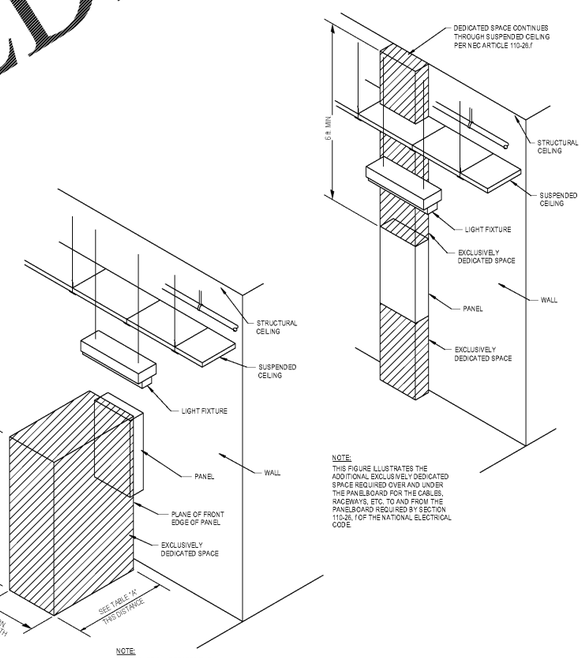
NOTES:

1. SEE UTILITY SITE PLAN FOR ELECTRIC DUCTBANK LAYOUT TO GENERATOR.
2. CONTRACTOR SHALL VERIFY PAD DIMENSIONS WITH EQUIPMENT PRIOR TO CONSTRUCTION OF PAD.

DETAIL - GENERATOR PAD — SCALE: NONE — 4



DETAIL - GROUNDING ELECTRODE SYSTEM — SCALE: NONE — 5



NOTE:
THIS FIGURE ILLUSTRATES THE WORKING SPACE IN FRONT OF THE PANELBOARD REQUIRED BY SECTION 110-26 OF THE NATIONAL ELECTRICAL CODE.

NOTE:
THIS FIGURE ILLUSTRATES THE ADDITIONAL EXCLUSIVELY DEDICATED SPACE REQUIRED OVER AND UNDER THE PANELBOARD FOR THE CABLES, RACEWAYS, ETC. TO AND FROM THE PANELBOARD REQUIRED BY SECTION 110-26.f OF THE NATIONAL ELECTRICAL CODE.

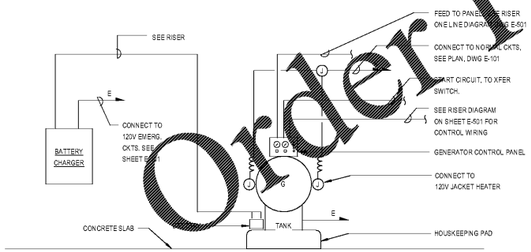
TABLE 110-26.(a) WORKING SPACES			
VOLTAGE TO GROUND, NOMINAL	MINIMUM CLEAR DISTANCE (FT)		
	CONDITION: 1	2	3
0-150	3	3	3
151-600	3	3 1/2	4

WHERE THE "CONDITIONS" ARE AS FOLLOWS:

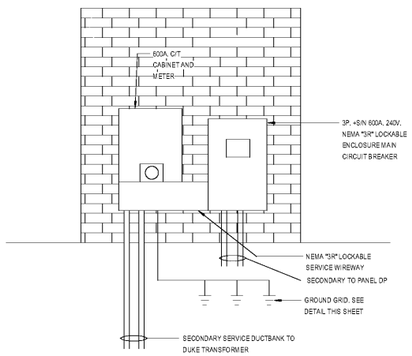
1. EXPOSED LIVE PARTS ON ONE SIDE AND NO LIVE OR GROUNDED PARTS ON THE OTHER SIDE OF THE WORKING SPACE, OR EXPOSED LIVE PARTS ON BOTH SIDES EFFECTIVELY GUARDED BY SUITABLE WOOD OR OTHER INSULATING MATERIALS. INSULATED WIRE OR INSULATED BUSBARS OPERATING AT NOT OVER 300 VOLTS SHALL NOT BE CONSIDERED LIVE PARTS.
2. EXPOSED LIVE PARTS ON ONE SIDE AND GROUNDED PARTS ON THE OTHER SIDE. CONCRETE, BRICK OR TILE SHALL BE CONSIDERED AS GROUNDED.
3. EXPOSED LIVE PARTS ON BOTH SIDES OF THE WORK SPACE (NOT GUARDED AS PROVIDED IN CONDITION 1) WITH THE OPERATOR BETWEEN.

NOTE:
NO PIPING, DUCTS OR EQUIPMENT FOREIGN TO THE ELECTRICAL EQUIPMENT OR ARCHITECTURAL APPURTENANCES SHALL BE PERMITTED TO BE INSTALLED IN, ENTER OR PASS THROUGH THE DEDICATED SPACES SHOWN ABOVE.

DETAIL - WORKING CLEARANCE — SCALE: NONE — 8



DETAIL - GENERATOR CONNECTIONS — SCALE: NONE — 6



DETAIL - SERVICE ENTRANCE — SCALE: NONE — 7

ALL DRAWINGS, SPECIFICATIONS AND CODIFIED FILES AS INSTRUMENTS OF SERVICE IN CONNECTION WITH THE EXCEPTION OF ONE CONTRACT SET FOR EACH PARTY TO THE CONTRACT, SUCH DOCUMENTS ARE TO BE RETURNED OR SHOWN TO BE ACCURATELY DISPOSED OF AT THE REGISTERED OWNER'S REQUEST, AND ALL PROPERTY RIGHTS IN THE PROJECT, INCLUDING COPYRIGHT, SHALL REMAIN THE PROPERTY OF MCMILLAN PAZDAN SMITH ARCHITECTURE. ARE AND SHALL REMAIN THE PROPERTY OF MCMILLAN PAZDAN SMITH ARCHITECTURE. 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26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

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SEALS

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT SEAL 040724 09/10/2020 CHRISTINA D. CALDWELL

JACKSON COUNTY

ANIMAL RESCUE CENTER AND GREEN ENERGY PARK

DILLSBORO, NORTH CAROLINA

SHEET ISSUE:

NO.	DATE	DESCRIPTION	BY
1	09/2/2020	ISSUE FOR BID+PERMIT	RMF

PRINCIPAL IN CHARGE: ALM
PROJECT ENGINEER: CDC
DRAWN BY: TMW

SHEET TITLE:

ELECTRICAL DETAILS

SHEET NO. E-402

PROJ NO. 019218.00