

PRIMARY LOOP SWITCH

CONNECT TO EQUIPMENT

GROUND LUG THROUGH

3/4" PVC SLEEVE

EXOTHERMICALLY WELD CONDUCTORS TO

GROUND RODS (TYPICAL)

— 3/4' X 10'-0" COPPERWELD

GRADE TOP (TYPICAL)

GROUND ROD 1'-0" BELOW

TRANSFORMER, OR

GENERATOR

CONCRETE PAD -

12.00"

At' DIA TYP.

At' DIA TYP.

INSULATED MOUNTING HOLES

AT' DIA TYP.

ASSEMBLED AS SHOWN

2700 VOLIT INSULATORS

3 DETAIL - GROUND BUS BAR "TGB" SCALE: N.T.S.

NOTES:

1. CONTRACTOR SHALL VERIFY PAD DIMENSIONS WITH EQUIPMENT PRIOR TO CONSTRUCTION OF PAD.

2. COORDINATE DUCTBANK PENETRATIONS WITH EQUIPMENT.

12" MIN.

(TYP. ALL SIDES)

#5 @12" TOP TRANSVERSE

#4 @12" TOP LONGITUDINAL

SO.

OPENING

OPENING

3" MIN.

3" MIN.

GRADE

4000 P.S.I.

CONCRETE

UNDISTURBED

OR COMPACTED

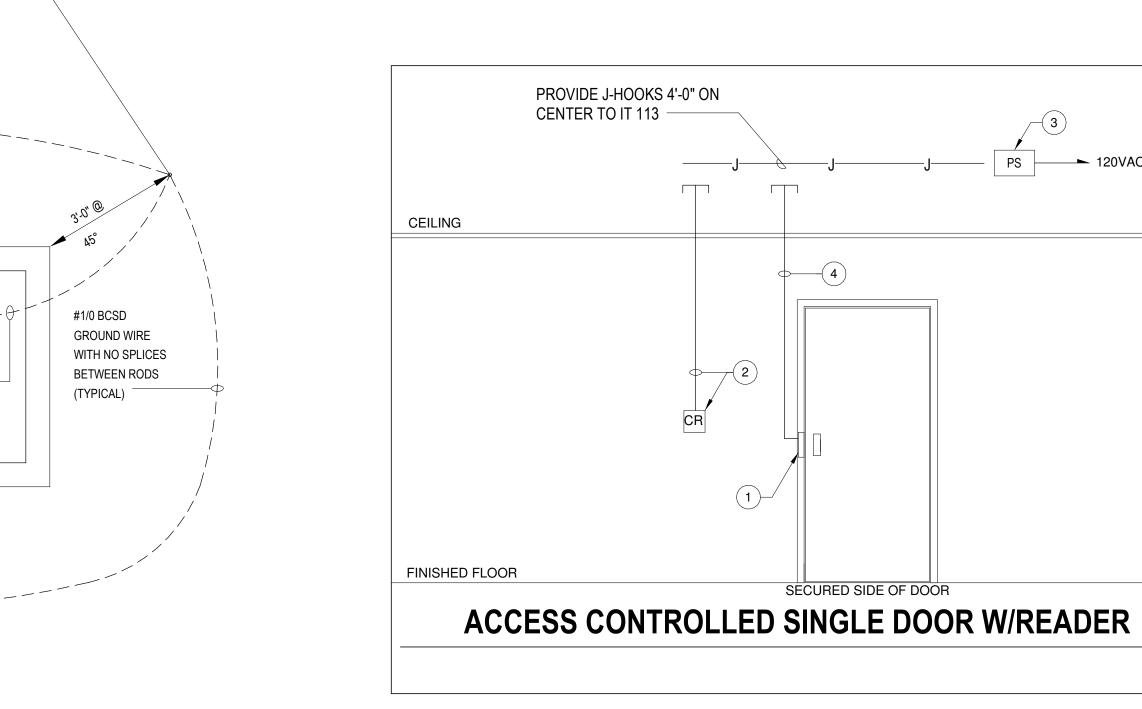
EARTH

DETAIL - GENERATOR PAD

SCALE: N.T.S.

DETAIL - OUTDOOR EQUIPMENT GROUNDING

SCALE: N.T.S.



DETAIL - ACCESS CONTROLLED SINGLE DOOR
SCALE: N.T.S.

GENERAL NOTES:

- ALL DOOR ROUGH-IN SHALL BE PROVIDED BY DIVISION
 26. COORDINATE INSTALLATION WITH DOOR FRAME
 INSTALLER AND ACCESS CONTROL SYSTEM
 INSTALLER.
- CONFIRM LOCATION WITH EQUIPMENT PROVIDER.
 3. ALL CONDUIT SHALL BE 3/4", UNLESS OTHERWISE NOTED. PROVIDE INSULATED THROAT BUSHINGS

DOOR POWER SUPPLY TO BE PROVIDED BY OTHERS.

- NOTED. PROVIDE INSULATED THROAT BUSHINGS
 ON EACH END OF CONDUIT.

 4. CONDUITS SHALL BE CONCEALED WITHIN WALLS OR
- ABOVE CEILING, ETC.

 5. REFER TO DOOR HARDWARE SPECS AND
- REFER TO DOOR HARDWARE SPECS AND REQUIREMENTS FOR MORE INFORMATION.

DRAWING NOTES:

1 ELECTRIC STRIKE (PROVIDED BY SECURITY VENDOR).
2 PROVIDE 4" X 4" X 2-1/8" BOX WITH SINGLE GANG REDUCER AT 48" AFF TOD. PROVIDE 3/4" CONDUIT

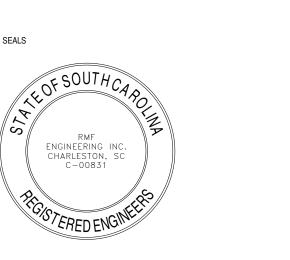
WITH PULL STRING STUBBED TO ABOVE ACCESSIBLE CEILING.

- 3 POWER SUPPLY PROVIDED BY DOOR HARDWARE INSTALLER, INSTALLED BY DIVISION 26, LOCATED IN IT 113.
- PROVIDE 3/4" CONDUIT WITH PULL STRING STUBBED TO ABOVE ACCESSIBLE CEILING.

mcmillan pazdan smith ARCHITECTURE

CONSULTANT LOGO





NCASTER ANIMAL SHELTEF

SHEET ISSUE:

NO. DATE DESCRIPTION BY

A 7/5/18 ISSUE FOR PRICING

B 9/14/18 COORDINATION

1 10/17/18 ISSUE FOR BID AND
PERMIT

ISSUE EOD DID AND DEDMIT

PRINCIPAL IN CHARGE:
PROJECT ARCHITECT:
DRAWN BY:

SHEET TITLE:
ELECTRICAL
DETAILS

DSC DMS SIY

PROJ. NO. 318201.A0

SHEET NO.

E-401