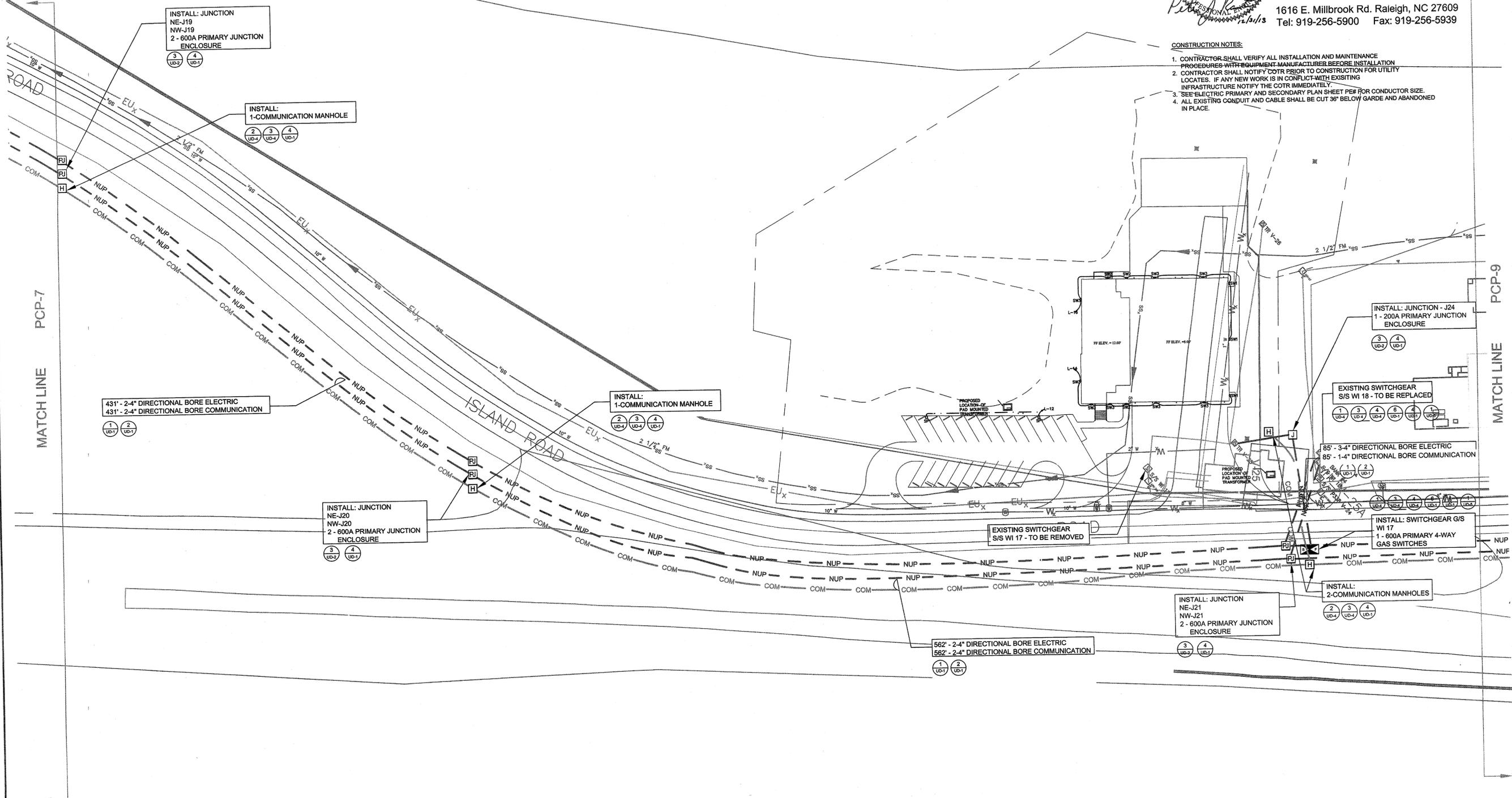


1616 E. Millbrook Rd. Raleigh, NC 27609
Tel: 919-256-5900 Fax: 919-256-5939

CONSTRUCTION NOTES:

1. CONTRACTOR SHALL VERIFY ALL INSTALLATION AND MAINTENANCE PROCEDURES WITH EQUIPMENT MANUFACTURERS BEFORE INSTALLATION.
2. CONTRACTOR SHALL NOTIFY COTR PRIOR TO CONSTRUCTION FOR UTILITY LOCATES. IF ANY NEW WORK IS IN CONFLICT WITH EXISTING INFRASTRUCTURE NOTIFY THE COTR IMMEDIATELY.
3. SEE ELECTRIC PRIMARY AND SECONDARY PLAN SHEET PEG FOR CONDUCTOR SIZE.
4. ALL EXISTING CONDUIT AND CABLE SHALL BE CUT 36" BELOW GARDE AND ABANDONED IN PLACE.



RELEASED FOR CONSTRUCTION PCP-8

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
Wallops Flight Facility
Wallops Island, Virginia 23337



DATE	LET.	REVISIONS	CK.	AP.	PROJECT ENGINEER

NASA SAFETY
DATE: 2/21/14
FIRE PROTECTION
DATE: 2/21/14

CONSTRUCTION MANAGEMENT
DATE: 2/14/14
DATE: 2-10-14

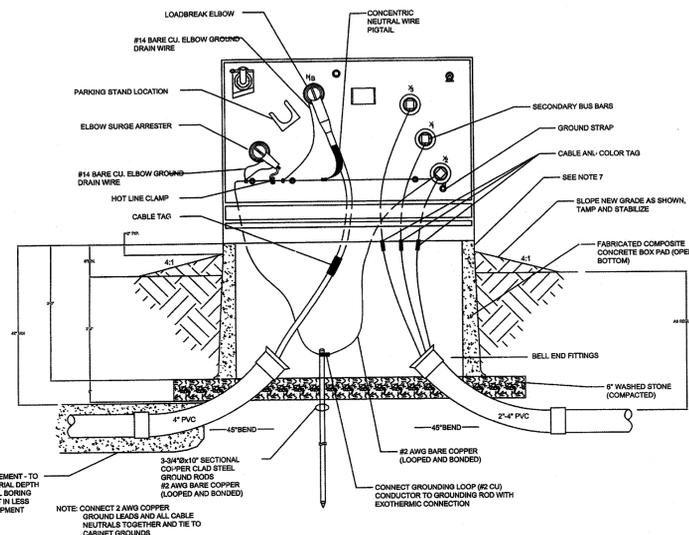
ENGINEERING APPROVAL
DATE: 2/14/14

GRAPHIC SCALE
0" 40" 80"
AUTOCAD - RELEASE 2007
FILE NAME: KXXXXX

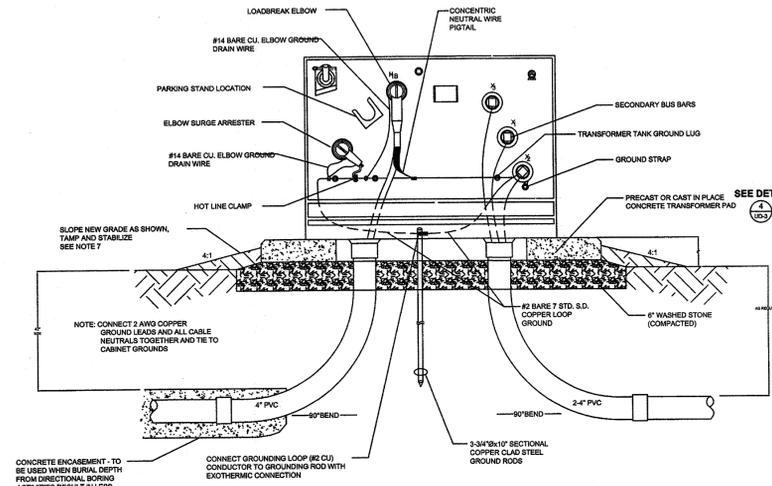
NORTH ISLAND ELECTRICAL UPGRADE		DRAWING NO.
ELECTRICAL CONDUIT PLAN		16874
PROJECT NUMBER: NASS-01080	DATE: 12-31-2013	REVISIONS:
DR. LBJ	CK. PJR	



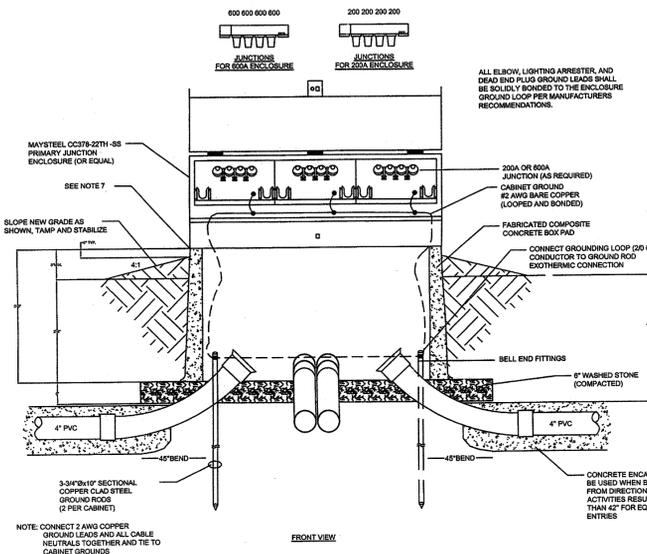
1616 E. Millbrook Rd. Raleigh, NC 27609
 Tel: 919-256-5900 Fax: 919-256-5939



1 TYPICAL RADIAL FEED SINGLE PHASE TRANSFORMER INSTALLATION WITH PREFABRICATED COMPOSITE CONCRETE BOX PAD
 UD-2 N.T.S. (SEE NOTE 4)

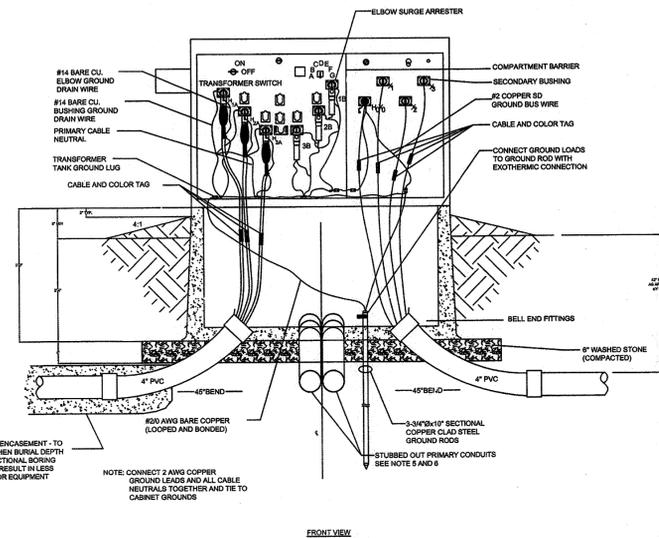


2 TYPICAL RADIAL FEED SINGLE PHASE TRANSFORMER INSTALLATION WITH PRECAST OR POURED IN PLACE TRANSFORMER PAD
 UD-2 N.T.S. (SEE NOTE 4)



3 PRIMARY JUNCTION CABINET DETAIL
 UD-2 PRIMARY CABLES & ELBOWS NOT SHOWN FOR CLARITY
 N.T.S. (SEE NOTES 2 AND 3)

800A JUNCTION CABINETS SHALL BE SUPPLIED WITH (3) 4-POINT JUNCTIONS - EACH WITH 4-800A POSITIONS
 200A JUNCTION CABINETS SHALL BE SUPPLIED WITH (2) 4-POINT JUNCTIONS - ALL 200A POSITIONS



4 THREE PHASE PAD MOUNT TRANSFORMER INSTALLATION RADIAL FEED INSTALLATION SHOWN
 UD-2 N.T.S. (SEE NOTE 4)

NOTES:
 1) SEE CONDUIT PLAN SHEETS PCP-# (INDICATES CONSTRUCTION PHASE AND SHEET NUMBER) FOR EQUIPMENT TYPE AND LOCATION.
 2) 800 AMP JUNCTION CABINETS ARE SHOWN AS PJ ON CONDUIT PLANS.
 3) 200 AMP JUNCTION CABINETS ARE SHOWN AS J ON CONDUIT PLANS.
 4) TRANSFORMERS ARE SHOWN AS T ON THE CONDUIT PLANS - SIZE AND VOLTAGE NOTED.
 5) THE BOTTOM OF NEW PAD MOUNTED EQUIPMENT OR THE TOP OF EQUIPMENT PADS SHALL BE 8" MINIMUM ABOVE EXISTING GRADE, NEAREST ROADWAY, OR AS APPROVED BY THE COTR OFFICER TO DETER WATER INFILTRATION AND FLOODING.

RELEASED FOR CONSTRUCTION

UD-2

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
 GODDARD SPACE FLIGHT CENTER
 WALLOPS FLIGHT FACILITY
 WALLOPS ISLAND, VIRGINIA 23337



DATE	LET.	REVISIONS	CK.	AP.

PROJECT ENGINEER	DATE: 2/11/14
SUBMITTED BY: <i>[Signature]</i>	DATE: 2/10/14
PROJECT MANAGER	DATE: 2/11/14

NASA SAFETY	DATE: 2/11/14
FIRE PROTECTION	DATE: 2/11/14

CONSTRUCTION MANAGEMENT	DATE: 2/14/14
DATE: 2-10-14	DATE: 2/14/14

ENGINEERING APPROVAL	DATE: 2/14/14
ENGINEERING GROUP LEADER	DATE: 2/14/14
BRANCH APPROVAL	DATE: 2/14/14
BRANCH HEAD	DATE: 2/14/14

GRAPHIC SCALE	AUTOCAD - RELEASE 2007
SCALE	FILE NAME: XXXXXX
SHEET 60 OF 63	

NORTH ISLAND ELECTRICAL UPGRADES UNDERGROUND DETAILS	
PROJECT NUMBER: NASS-01080	DRAWING NO. 16907
DR. LBJ DATE: 12/31/2013	
CK. FJR REVISIONS:	