

Contract Drawings For

Lee County Solid Waste Division

Site 4.16kV Distribution Feeder Extension

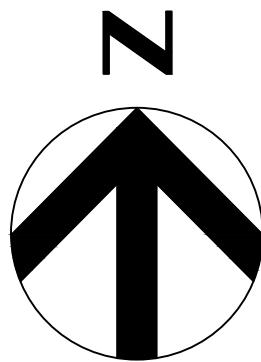
Utility/Site Electrical

Project No.
256616

Fort Myers, Florida
June, 2016

INDEX OF DRAWINGS

GENERAL	
G-01	COVER
ELECTRICAL SITE WORK	
ES-01	ELECTRICAL LEGEND AND GENERAL NOTES
ES-02	UTILITY PLAN 1 OF 2
ES-03	UTILITY PLAN 2 OF 2
ES-04	C&DD DEMOLITION SITE POWER PLAN
ES-05	ONE LINE DIAGRAM
ES-06	ELECTRICAL PANELBOARD AND DETAILS
ES-07	ELECTRICAL DETAILS 1 OF 2
ES-08	ELECTRICAL DETAILS 2 OF 2



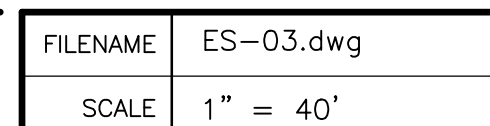
SHEET
ES-02



NTS

PROJECT MANAGER	DONALD J. CASTRO
DESIGNED BY	JOSE A. GONZALEZ
CHECKED BY	RAPHAEL COSTA
DRAWN BY	JEFF THORPE
PROJECT NUMBER	256616

ENGINEER OF RECORD:

UTILITY PLAN 2 OF 2

SHEET

ES-03



PROJECT MANAGER	DONALD J. CASTRO
DESIGNED BY	JOSE A. GONZALEZ
CHECKED BY	RAPHAEL COSTA
DRAWN BY	JEFF THORPE
PROJECT NUMBER	256616

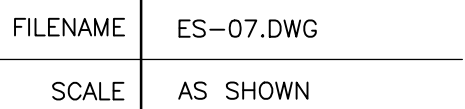
ENGINEER OF RECORD:

P.E. Name: Jose A. Gonzalez, P.E.
P.E. Number: 58896

LEE COUNTY
SOLID WASTE DIVISION
FORT MYERS, FLORIDA

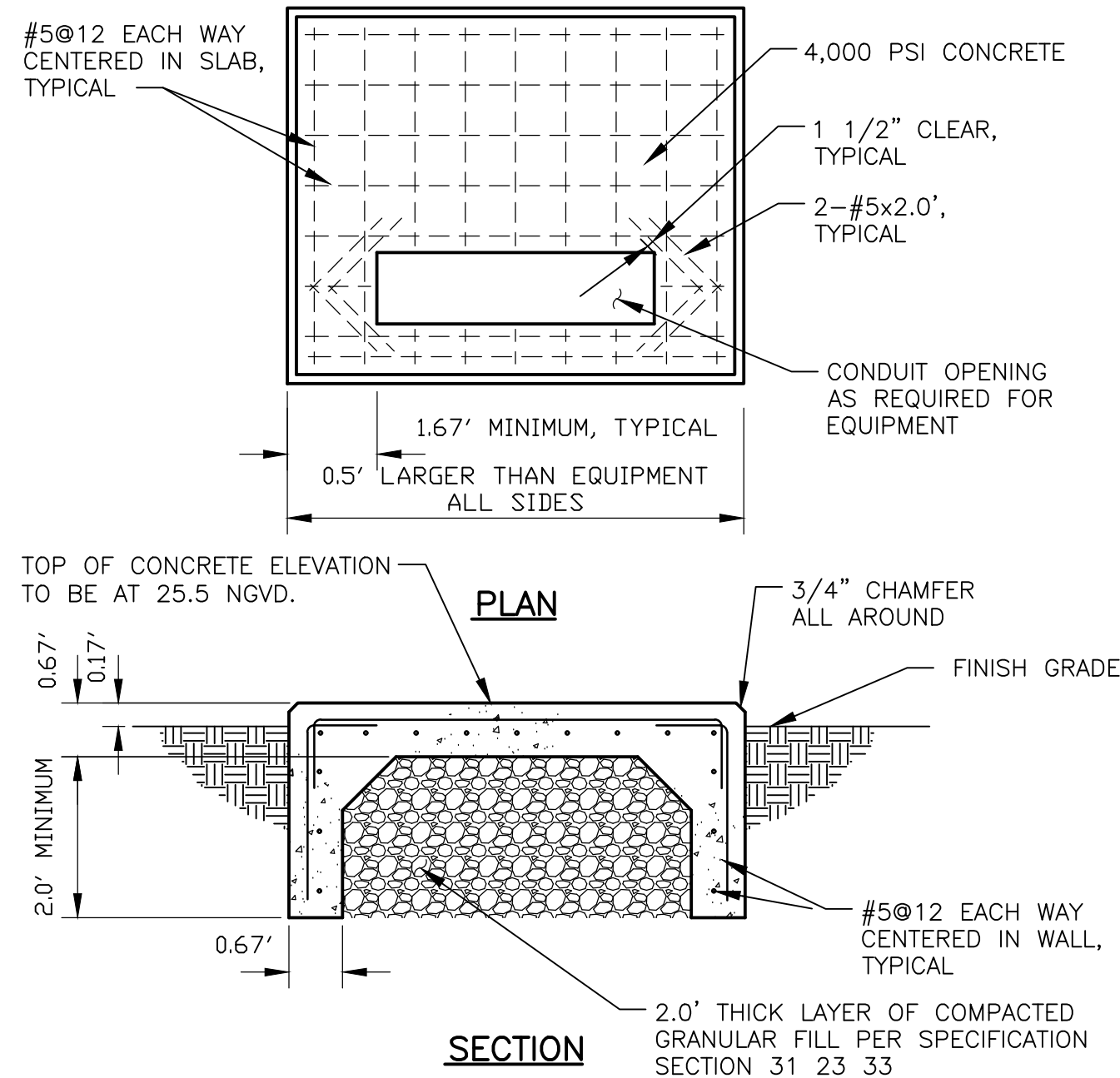
**SITE 4.16KV DISTRIBUTION
FEEDER EXTENSION**

ELECTRICAL DETAILS 1 OF 2



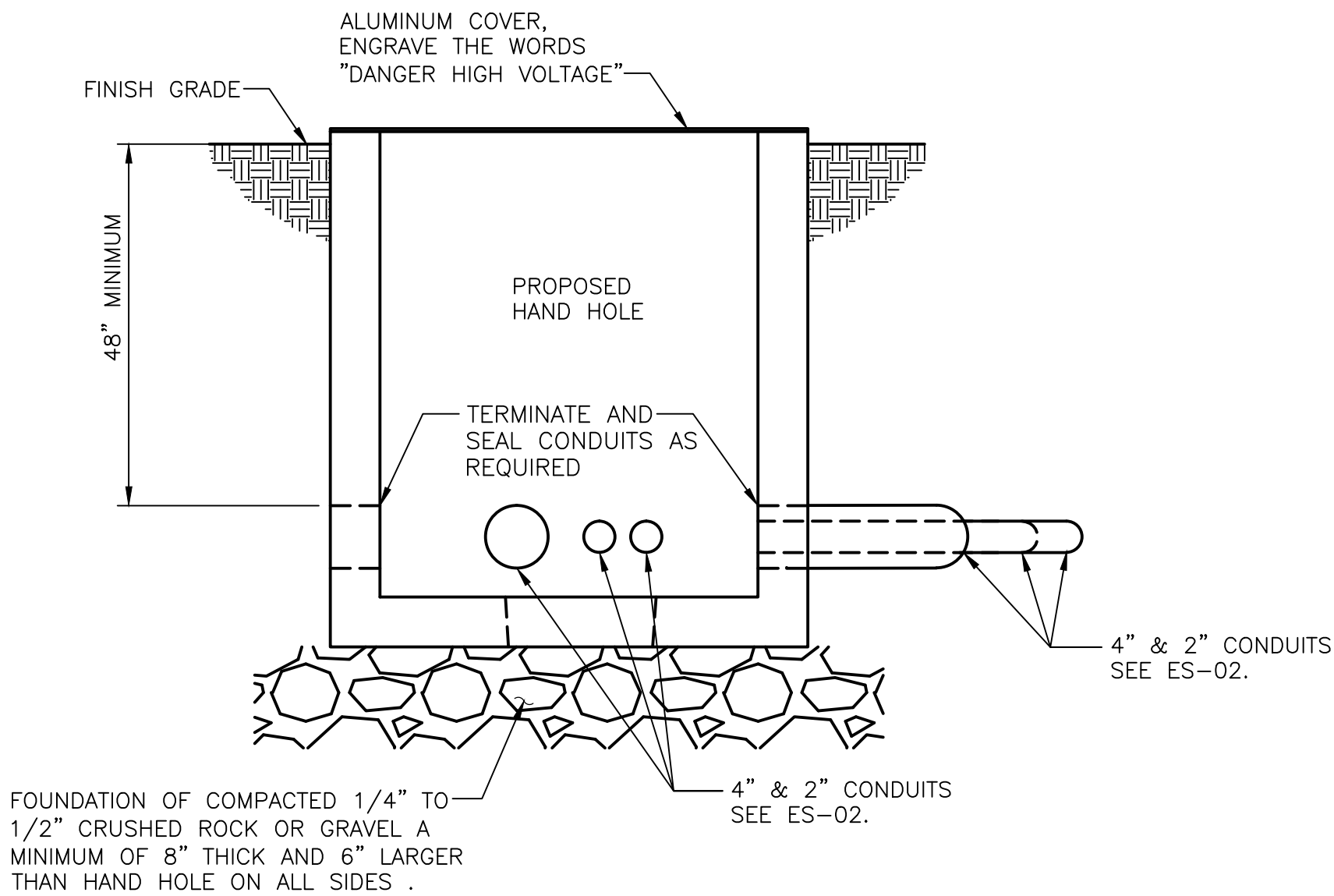
SHEET

ES-07



REINFORCED CONCRETE PAD FOR OUTDOOR ELECTRICAL EQUIPMENT

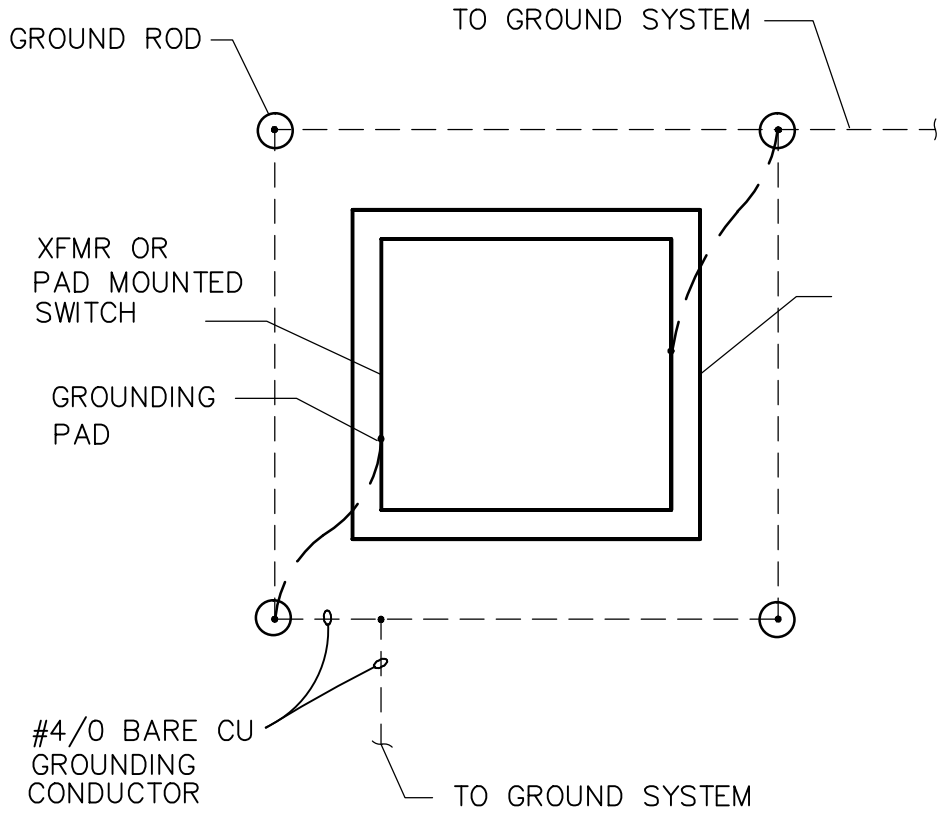
SCALE: NONE



- NOTES:**
- HAND HOLE MINIMUM SIZE TO BE 4' X 4' X 4.5' AND SHALL BE IN ACCORDANCE WITH NEC AND IN COMPLIANCE WITH THE SPECIFICATIONS INCLUDING BUT NOT LIMITED TO SECTION 26 05 43.
 - A MINIMUM OF ONE LOOP COILED AROUND THE HAND HOLE EXTRA LENGTH FOR EACH CABLE SHALL BE PROVIDED INCLUDING ALL NECESSARY SUPPORTS PER SPECIFICATION SECTION 26 05 43.

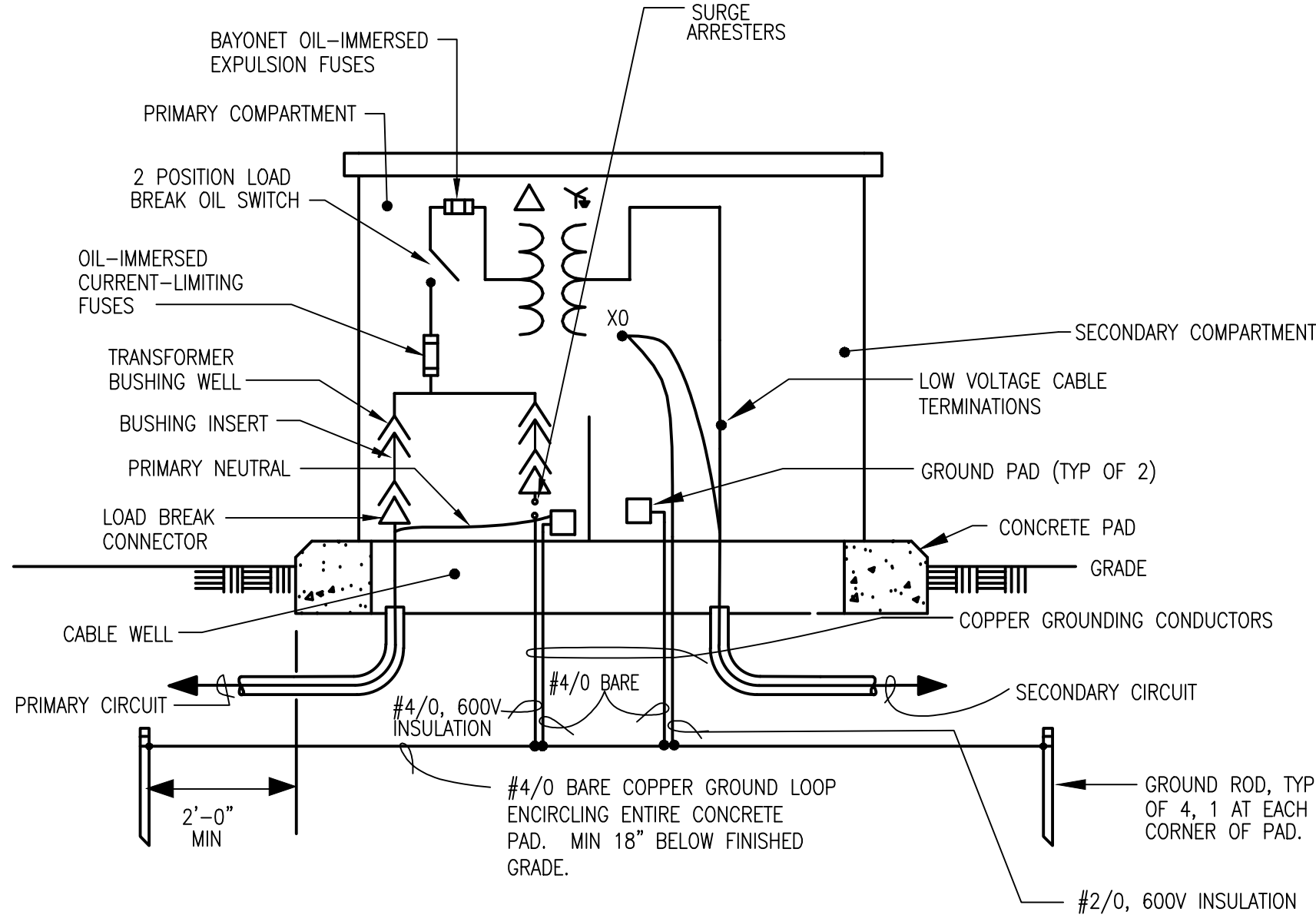
HAND HOLE DETAIL

NOT TO SCALE



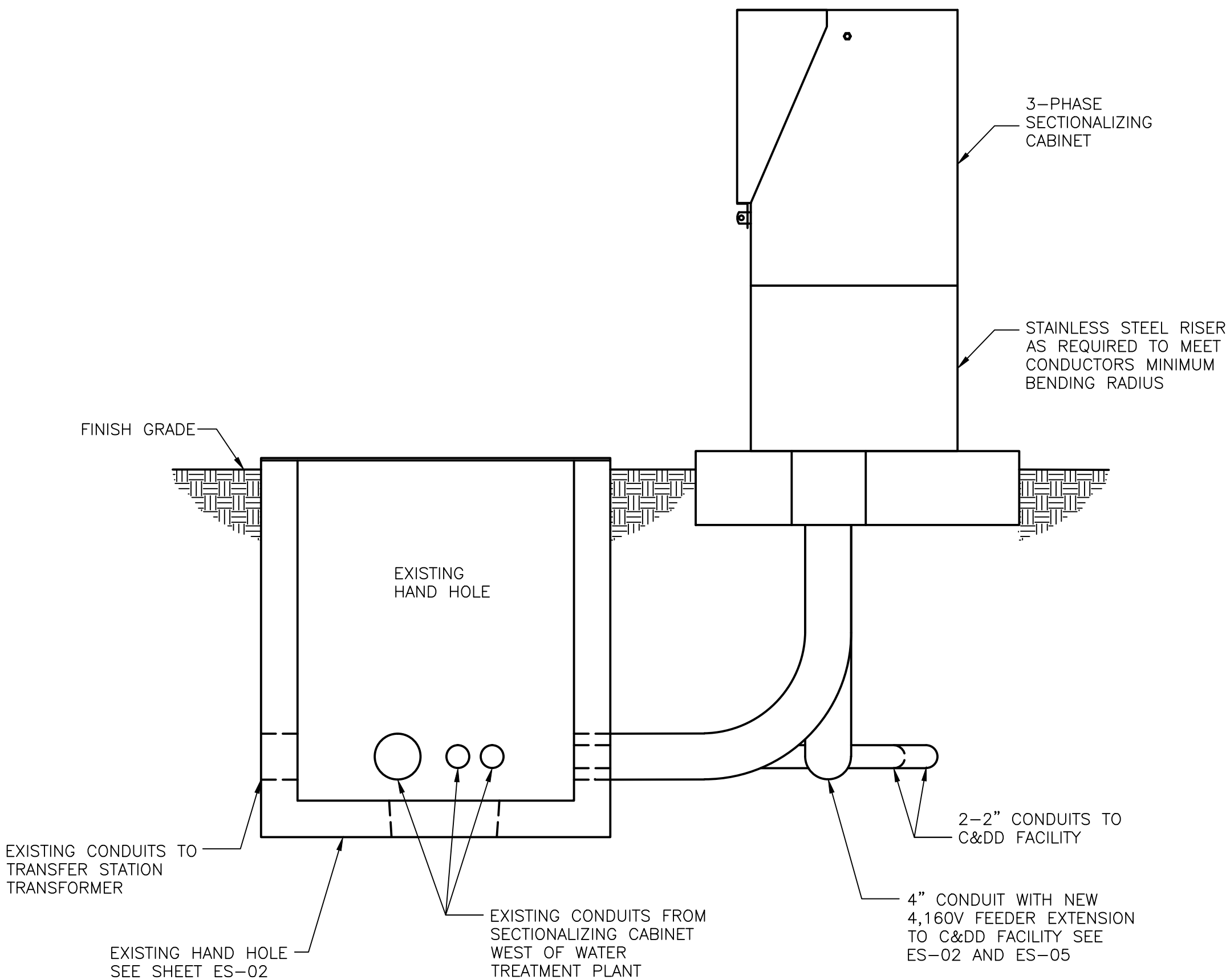
PAD MOUNTED EQUIPMENT GROUNDING

SCALE: NONE



PAD-MOUNTED TRANSFORMER DETAIL

NOT TO SCALE



EXISTING HAND HOLE AND PROPOSED SECTIONALIZING CABINET DETAIL

NOT TO SCALE

A	4/21	FOR CLIENT COMMENTS
B	6/21	ISSUED FOR BID
ISSUE	DATE	DESCRIPTION

PROJECT MANAGER	DONALD J. CASTRO
DESIGNED BY	JOSE A. GONZALEZ
CHECKED BY	RAPHAEL COSTA
DRAWN BY	JEFF THORPE
PROJECT NUMBER	256616

HDR

HDR Engineering, Inc.
5426 Bay Center Drive
Suite 400
Tampa, FL 33609
CA 4213

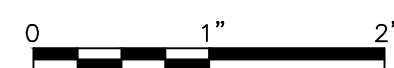
ENGINEER OF RECORD:

P.E. Name: Jose A. Gonzalez, P.E.
P.E. Number: 58896

LEE COUNTY
SOLID WASTE DIVISION
FORT MYERS, FLORIDA

**SITE 4.16KV DISTRIBUTION
FEEDER EXTENSION**

ELECTRICAL DETAILS 2 OF 2



FILENAME	ES-08.DWG
SCALE	AS SHOWN

SHEET
ES-08