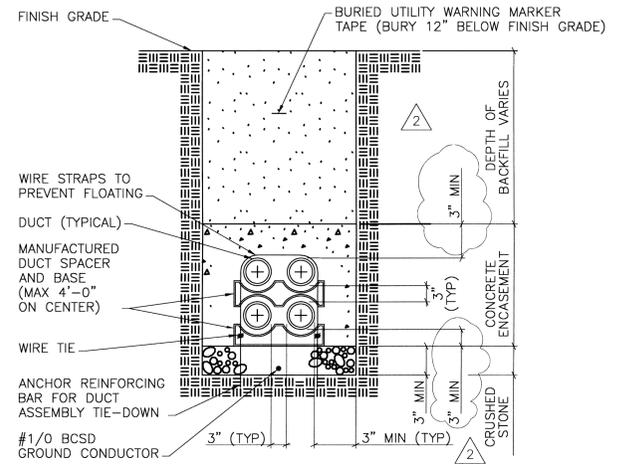
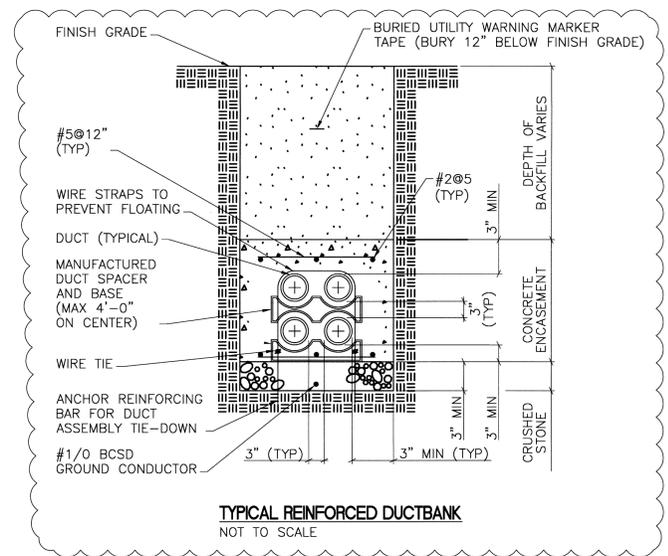


one and one-half inches = one foot
 one inch = one foot
 three-quarters inch = one foot
 one-half inch = one foot
 three-eighths inch = one foot
 one-quarter inch = one foot
 one-eighth inch = one foot

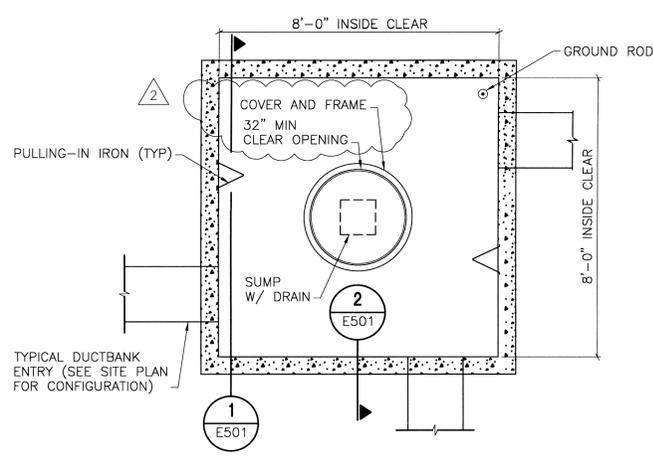


NOTE:
 THE DISTANCE BETWEEN ADJACENT DUCTS SHALL BE 3" IN BOTH ROWS AND COLUMNS. COORDINATE QUANTITY AND CONFIGURATION OF DUCTS WITH DWGS. DUCT SIZE SHALL BE 5" UNLESS OTHERWISE NOTED.

TYPICAL NON-REINFORCED DUCTBANK
 NOT TO SCALE

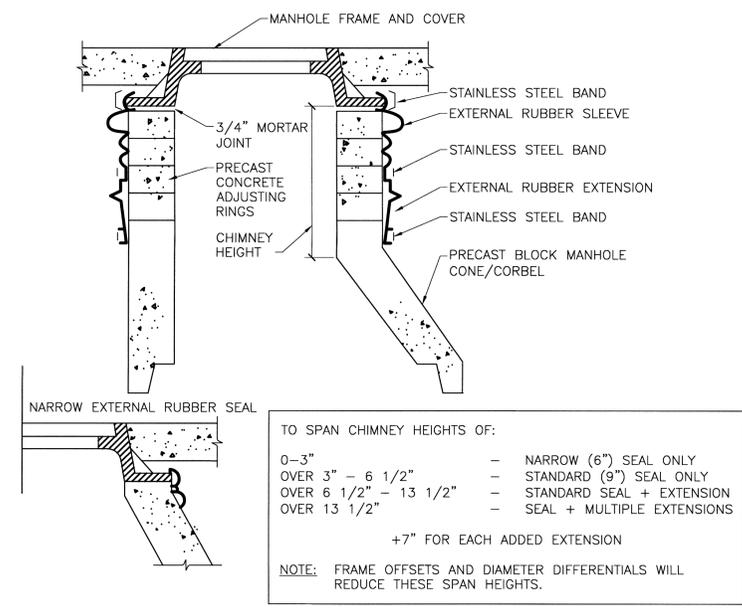


TYPICAL REINFORCED DUCTBANK
 NOT TO SCALE



DETAIL - PRE-CAST CONCRETE ELECTRICAL MANHOLE
 NOT TO SCALE

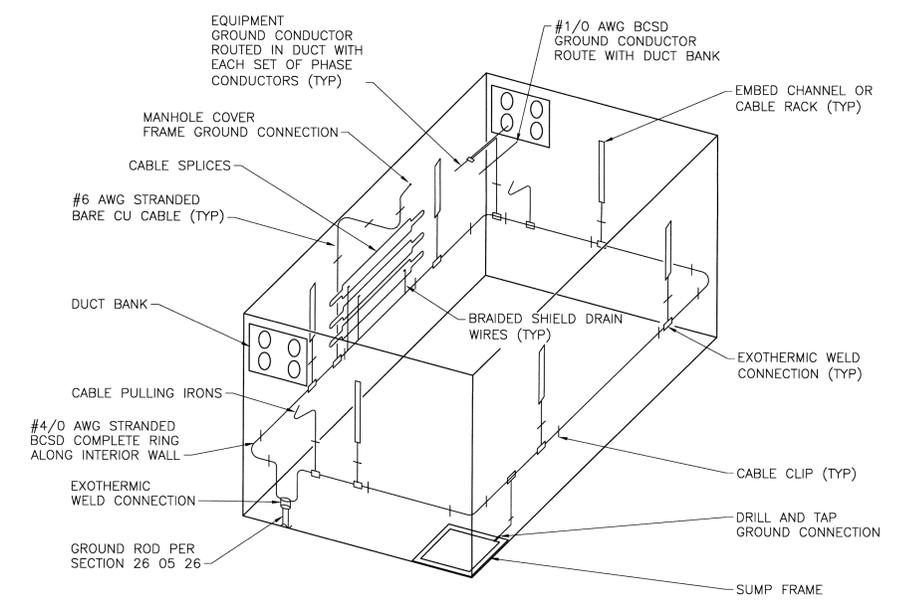
NOTE:
 MANHOLE SHALL BE RATED H20 FOR USE ADJACENT TO DELIBERATE TRAFFIC PATHS. PROVIDE GROUNDING AND ACCESSORIES AS SHOWN. FOR CLARITY, NOT ALL PULLING IRONS ARE SHOWN.



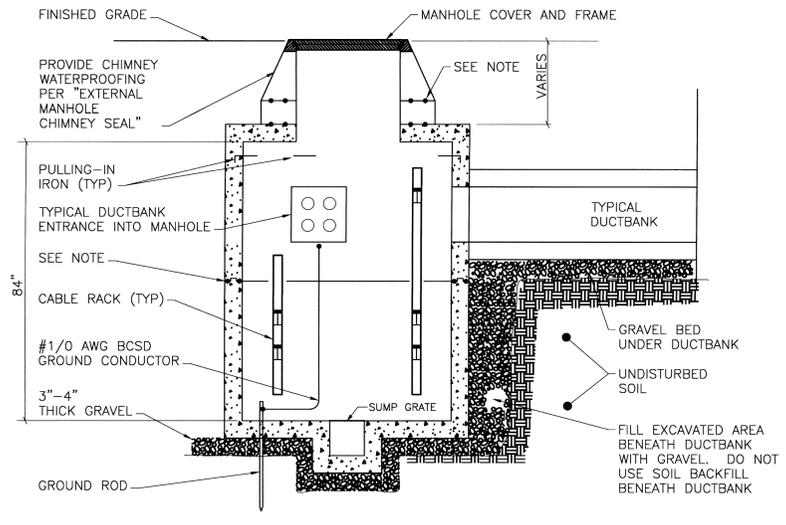
TO SPAN CHIMNEY HEIGHTS OF:
 0-3" - NARROW (6") SEAL ONLY
 OVER 3" - 6 1/2" - STANDARD (9") SEAL ONLY
 OVER 6 1/2" - 13 1/2" - STANDARD SEAL + EXTENSION
 OVER 13 1/2" - SEAL + MULTIPLE EXTENSIONS
 +7" FOR EACH ADDED EXTENSION

NOTE: FRAME OFFSETS AND DIAMETER DIFFERENTIALS WILL REDUCE THESE SPAN HEIGHTS.

EXTERNAL MANHOLE CHIMNEY SEAL
 NOT TO SCALE

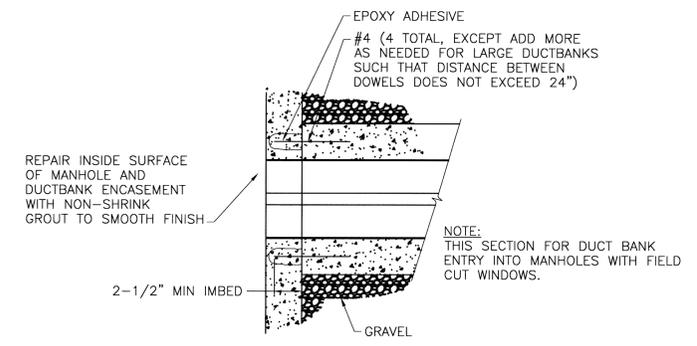


MANHOLE GROUNDING DETAIL
 NOT TO SCALE



SECTION - PRE-CAST CONCRETE ELECTRICAL MANHOLE
 NOT TO SCALE

NOTE:
 PROVIDE 2 LAPS OF BUTYL MASTIC ROPE AT MANHOLE JOINT, 2 LAPS AT JOINT BETWEEN MANHOLE ROOF AND COLLAR, & 2 LAPS BETWEEN EACH RISER RING.

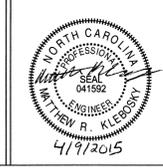


SECTION - DUCTBANK ENTRY INTO MANHOLE
 NOT TO SCALE

NOTE:
 THIS SECTION FOR DUCT BANK ENTRY INTO MANHOLES WITH FIELD CUT WINDOWS.

2	REVISED FOR ADDENDUM	4/9/2015
1	ISSUED FOR CONSTRUCTION DOCUMENTS	2/4/2015
0	100% DESIGN SUBMITTAL	7/18/2014
	Revisions	Date

ISSUED FOR CONSTRUCTION



Approved: Energy Engineer
Odell International
 13620 Reese Blvd., Suite 100
 Huntersville, North Carolina 28078
 704.401.2040 www.odell-int.com

Approved: Safety Manager
WileyWilson
 127 Nationwide Drive
 Lynchburg, Virginia 24502-4272
 434.947.1901 www.wileywilson.com

Approved: Infection Control Officer
 Approved: GEMS Coordinator

Approved: Service Chief
 Approved: Chief of Staff
 Approved: Associate Director

Drawing Title
ELECTRICAL DETAILS 1

Approved: Chief of Engineering Svc.
 Approved: Medical Center Director

Project Title
CORRECT HIGH-VOLTAGE ELECTRICAL DEFICIENCIES

Building Number
YAMC SALISBURY, NC

Checked CBR
 Drawn TFB
 Revision 2

Date
 2/4/2015

Project No.
 659-13-102

DRAWING NO.
E-501

Dwg. 47 OF 58

Veterans Affairs