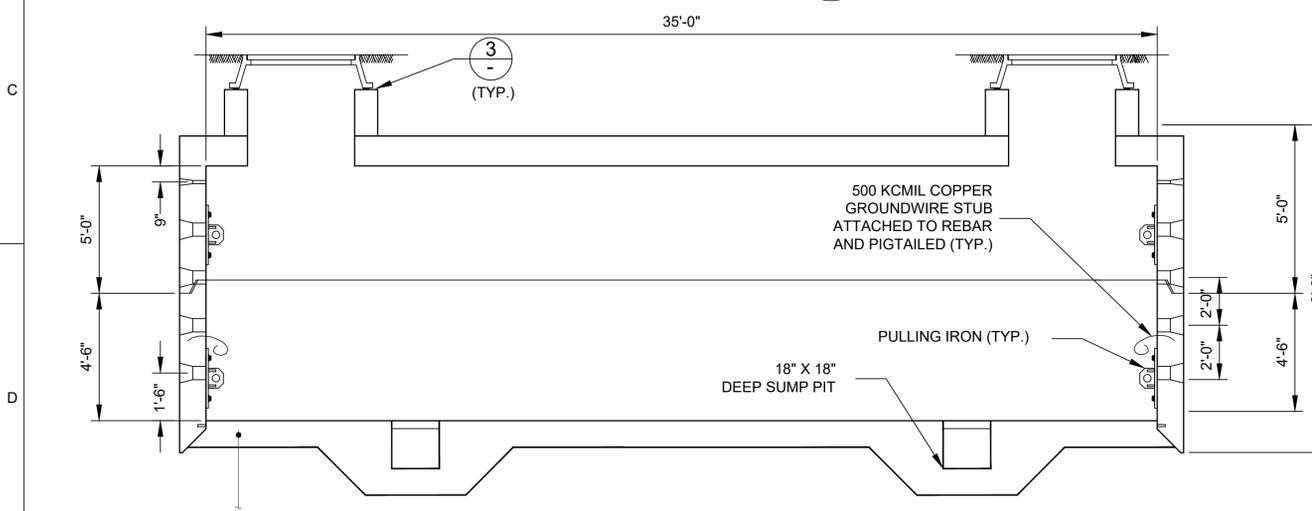
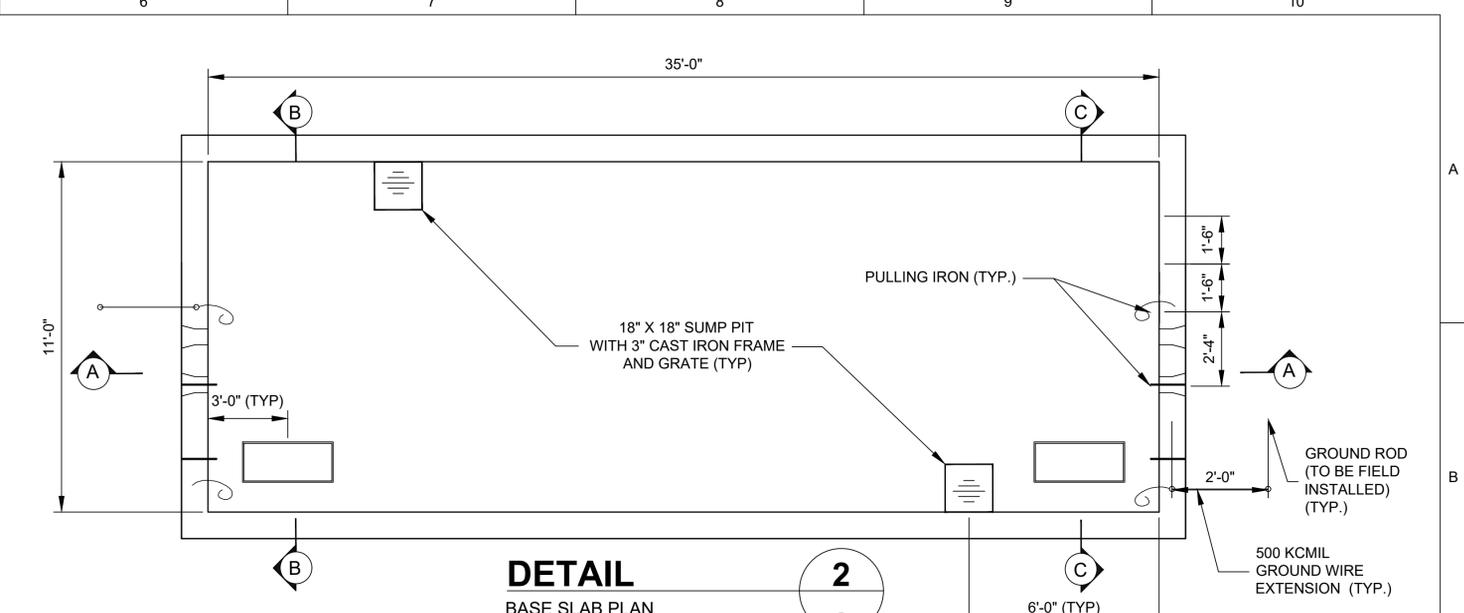


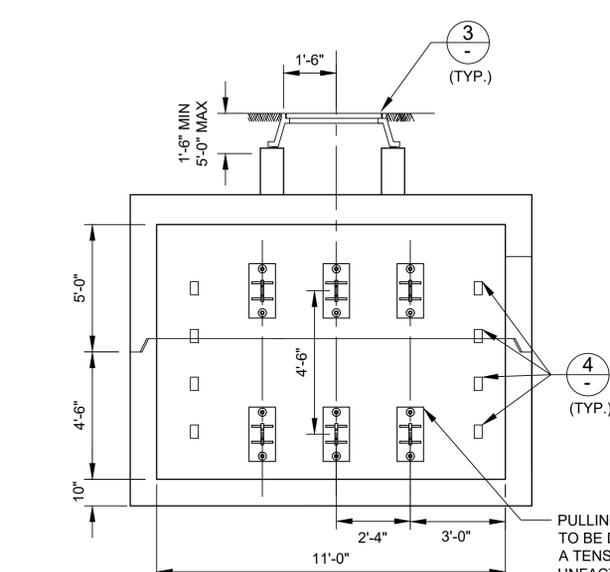
**DETAIL 1**  
TOP SLAB PLAN



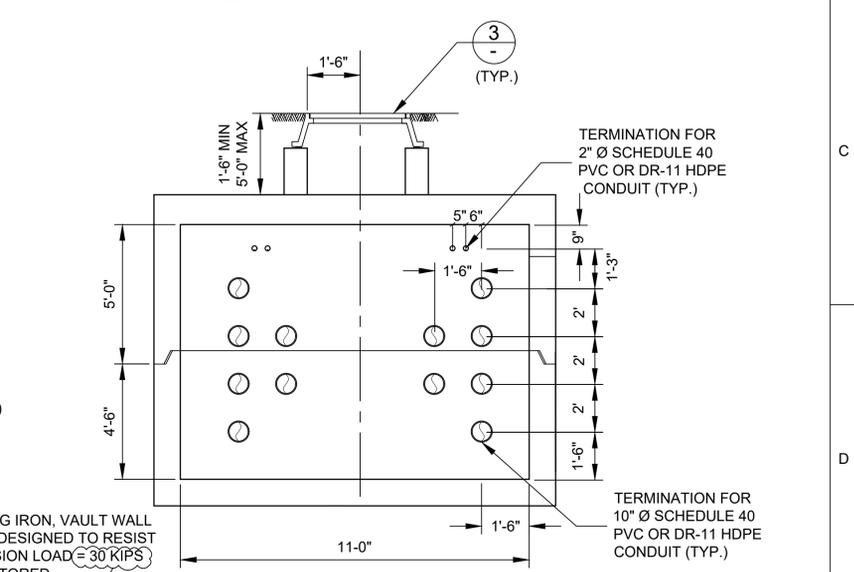
**SECTION A-A**



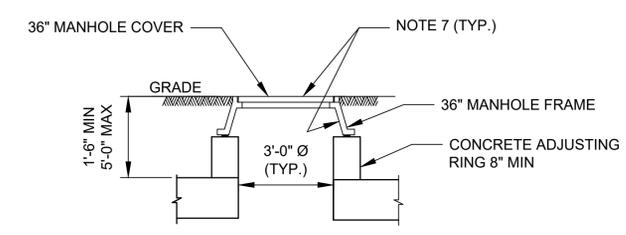
**DETAIL 2**  
BASE SLAB PLAN



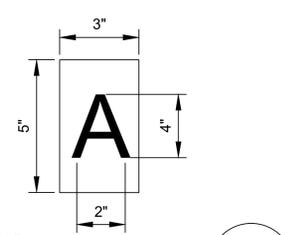
**SECTION B-B**  
PULLING IRON PLAN  
(CONDUIT PLAN NOT SHOWN FOR CLARITY)



**SECTION C-C**  
CONDUIT PLAN  
(PULLING IRON NOT SHOWN FOR CLARITY)



**DETAIL 3**  
MANHOLE COVER DETAIL



**DETAIL 4**  
PHASE IDENTIFICATION  
TAG DETAIL (A,B,C,D)

**NOTES:**

- FOR GENERAL NOTES SEE DRAWING 13666-003-T1-0002.
- CONTRACTOR SHALL CONFIRM ALL DIMENSIONS
- SUPPLIER TO DESIGN AND DETAIL MANHOLE BOTTOM SECTION AND TOP SECTION.
- SUPPLIER SHALL SPECIFY ALL SLAB AND WALL THICKNESS.
- SUPPLIER SHALL FURNISH AND INSTALL SEALANT FOR ALL JOINTS IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
- SUPPLIER SHALL FURNISH LIFTING INSERTS FOR HANDLING PRECAST CONCRETE UNITS.
- MANHOLE COVER SHALL BE LOCKABLE AND WATER RESISTANT.
- MANHOLE COVER AND FRAME SHALL BE ABLE TO RESIST HS-25 WHEEL LOAD WITH 30% IMPACT.
- EXTERIOR OF VAULT SHALL BE SEALED WITH WATERPROOF MEMBRANE.
- CONDUITS SHALL BE PLUGGED UNTIL CABLE IS INSTALLED.
- CABLE SUPPORTS BY OTHERS.
- UNDER NEW YORK STAT EDUCATION LAW ARTICLE 145 (ENGINEERING), SECTION 7209 (2), IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER TO ALTER THIS DOCUMENT.
- DRAWING PREPARED UNDER KUNHAL PARIKH LICENSED PROFESSIONAL ENGINEER IN THE STATE OF NEW YORK.

**PRELIMINARY**  
FOR PERMIT ONLY

NO	DATE	REVISIONS AND RECORD OF ISSUE	DRWN	REV'D	APPR	COMP	APP'D	KVP	DATE
C	09/10/2020	ISSUED FOR PERMIT							
B	02/27/2020	PRELIMINARY - ISSUED FOR BID							
A	09/11/2019	PRELIMINARY - ISSUED FOR REVIEW							

SCALE:  
**NONE**



CONTRACTOR/INSTALLER SHALL TAKE ALL APPROPRIATE PRECAUTIONS TO ENSURE THE SAFETY OF ALL PEOPLE LOCATED ON THE WORK SITE, INCLUDING CONTRACTORS' /INSTALLER'S PERSONNEL (OR THAT OF ITS SUB-CONTRACTOR(S)) PERFORMING THE WORK.

ANY MODIFICATION OR ADDITION TO THIS DRAWING BY ANY ORGANIZATION OTHER THAN SARGENT & LUNDY IS NOT THE RESPONSIBILITY OF SARGENT & LUNDY.



NEXTERA ENERGY TRANSMISSION NEW YORK, INC  
EMPIRE STATE LINE  
345 KV UNDERGROUND CROSSING  
VAULT DETAIL

13666-003-T1-0650