

APPENDIX D

Electric Meter Installation Details



Last Updated 11/01/2022



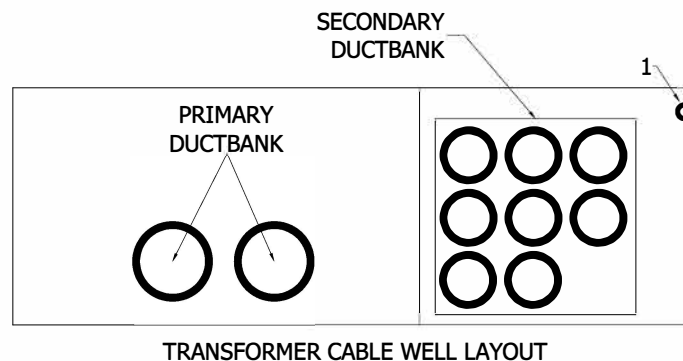
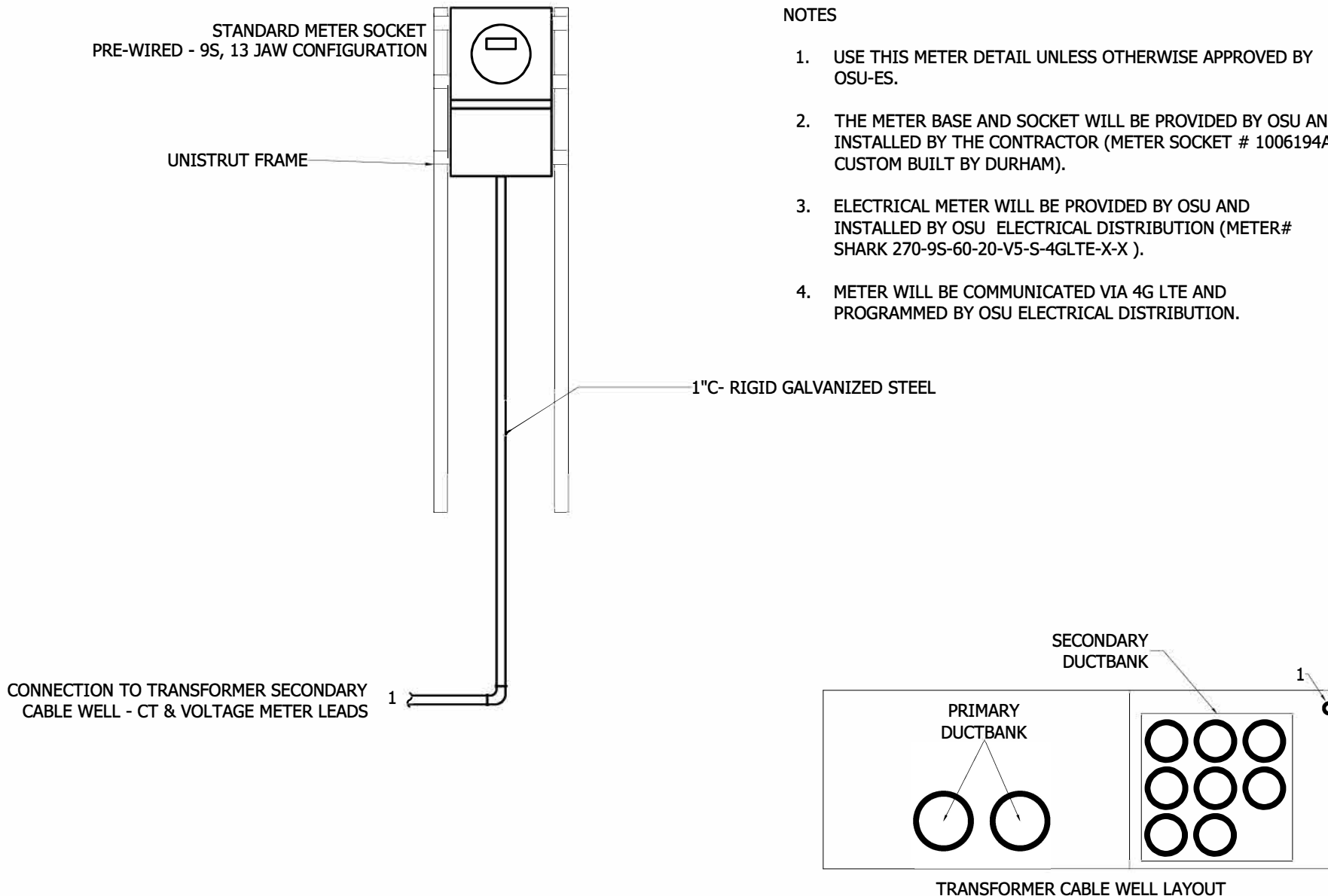
DATE	ISSUE
10/12/2018	REV-1
07/11/2019	REV-2
04/26/2022	REV-3

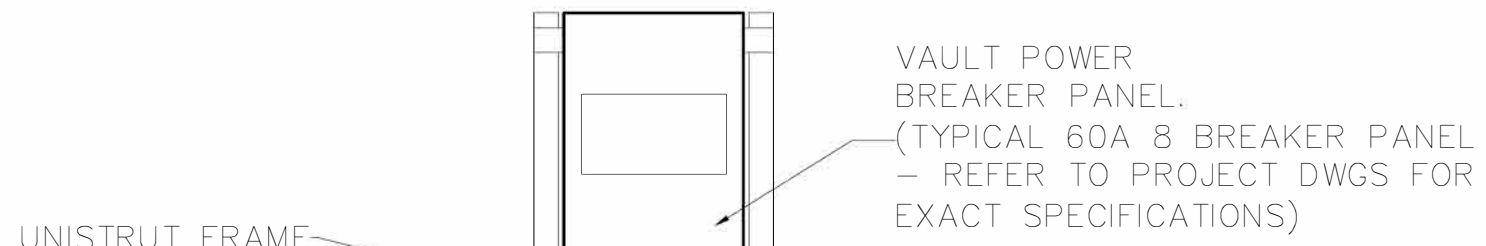
DRAWN BY:
CHECKED BY:
APPROVED BY:
DATE: 04/26/2022
PROJECT #:
SCALE: NTS

METER PEDESTAL WITH METER BASE

NOTES

1. USE THIS METER DETAIL UNLESS OTHERWISE APPROVED BY OSU-ES.
2. THE METER BASE AND SOCKET WILL BE PROVIDED BY OSU AND INSTALLED BY THE CONTRACTOR (METER SOCKET # 1006194A CUSTOM BUILT BY DURHAM).
3. ELECTRICAL METER WILL BE PROVIDED BY OSU AND INSTALLED BY OSU ELECTRICAL DISTRIBUTION (METER# SHARK 270-9S-60-20-V5-S-4GLTE-X-X).
4. METER WILL BE COMMUNICATED VIA 4G LTE AND PROGRAMMED BY OSU ELECTRICAL DISTRIBUTION.





VAULT POWER BREAKER PANEL.
 (TYPICAL 60A 8 BREAKER PANEL
 – REFER TO PROJECT DWGS FOR EXACT SPECIFICATIONS)

UNISTRUT FRAME

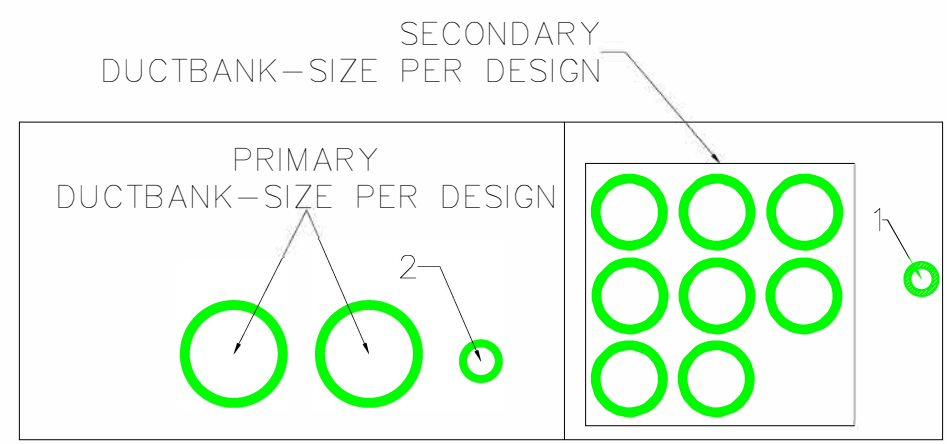
1-1/2" C. POWER TO PANEL

2" C. POWER TO VAULT

- NOTE:
1. ALL CONDUITS SHALL BE RIGID GALVANIZED STEEL.
 2. PANEL SHALL BE INSTALLED NEXT TO THE TRANSFORMER.
 3. CONSULT WITH OSUES FOR NEED OF THE PANEL.

CONNECTION TO TRANSFORMER SECONDARY CABLE WELL – POWER TO PANEL 1

CONNECTION TO TRANSFORMER PRIMARY CABLE WELL – VAULT POWER 2

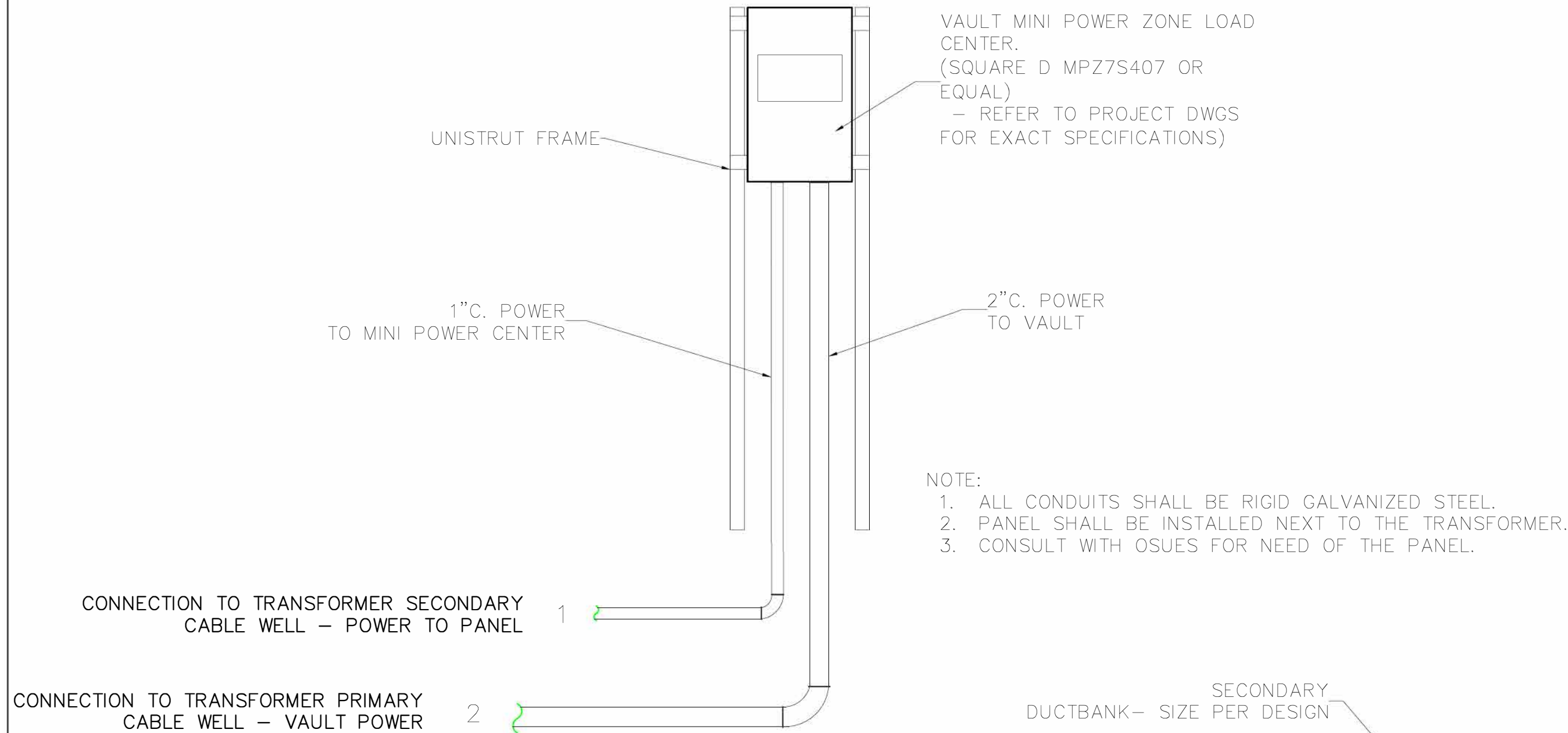


TRANSFORMER CABLE WELL LAYOUT



DRAWN BY: AG
CHECKED BY:
APPROVED BY:
DATE: 08/01/2020
PROJECT #:
SCALE: NTS

OUTDOOR BREAKER PANEL (FOR 208V)



VAULT MINI POWER ZONE LOAD CENTER.
 (SQUARE D MPZ7S407 OR EQUAL)
 - REFER TO PROJECT DWGS FOR EXACT SPECIFICATIONS)

UNISTRUT FRAME

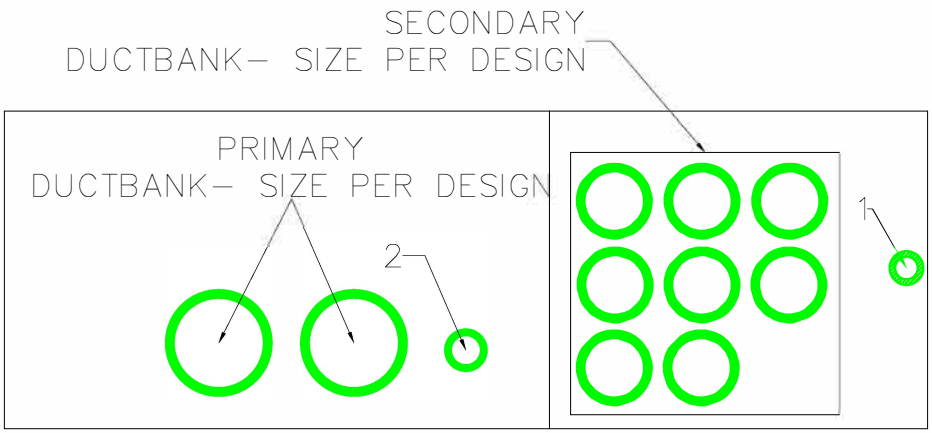
1" C. POWER TO MINI POWER CENTER

2" C. POWER TO VAULT

- NOTE:
1. ALL CONDUITS SHALL BE RIGID GALVANIZED STEEL.
 2. PANEL SHALL BE INSTALLED NEXT TO THE TRANSFORMER.
 3. CONSULT WITH OSUES FOR NEED OF THE PANEL.

CONNECTION TO TRANSFORMER SECONDARY CABLE WELL - POWER TO PANEL

CONNECTION TO TRANSFORMER PRIMARY CABLE WELL - VAULT POWER



TRANSFORMER CABLE WELL LAYOUT



DRAWN BY: AG
CHECKED BY:
APPROVED BY:
DATE: 08/01/2020
PROJECT #:
SCALE: NTS

OUTDOOR POWER LOAD CENTER (FOR 480V)