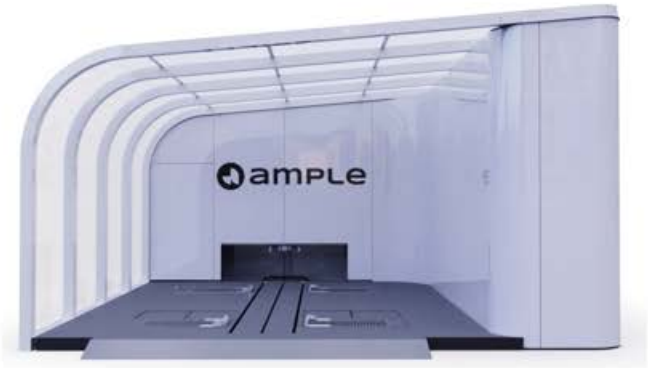
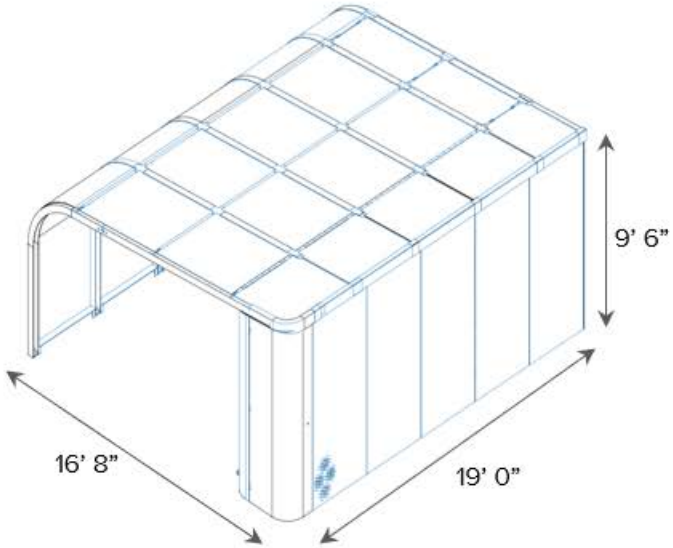
Ample Site Requirements (US version)





Energy Storage:

- Energy Chemistry: Lithium-ion (NMC)
- Energy Storage Capacity: up to 440 kWh

Electrical Specifications:

- Power (AC): 100 kW
- Voltage (AC) 3-phase 208/240V - 480V
- Current: 3-phase: 200 A service, 125 A typical
- Frequency: 50 / 60 Hz +/- 1%

Mechanical Specifications:

- Dimensions: 19' 0" (5782mm) x 16' 8" (5074mm) x 9' 6" (2901mm)
- Weight: 1,912 kg (4,215 lbs)
- Grading: < 2 degrees inclination

Environmental Specifications:

- Installation Location: Outdoor

Network and Compliance:

- Network Connection: Ethernet (preferred)/4G LTE
- Internet Speed: 10 mbps minimum

Adjacent space

- (Desired) 18' in front of station for easy turning radius
- 3" away from building structures or walls

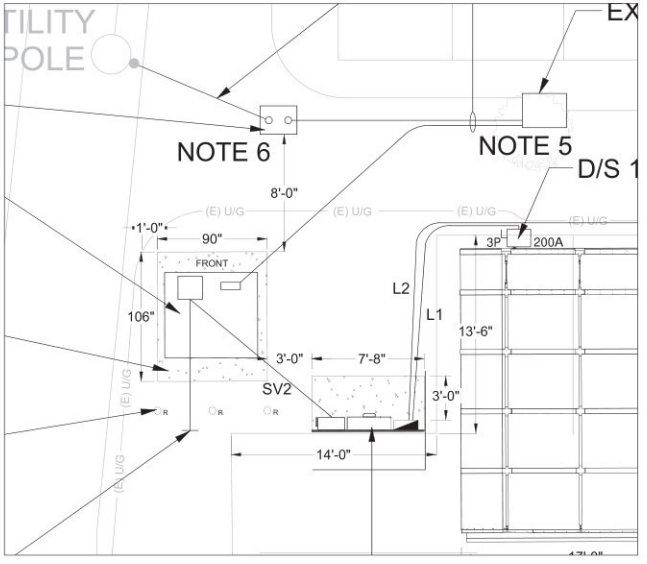
811 Know what's below. CALL before you dig. DIG ALERT

CALL AT LEAST TWO WORKING DAYS BEFORE YOU DIG

EXISTING UNDERGROUND FACILITIES ARE SHOWN ON THESE PLANS FROM RECORD INFORMATION AND ARE INFORMATION ONLY. OTHER UNDERGROUND FACILITIES NOT SHOWN ON THE PLANS MAY EXIST. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL EXISTING UNDERGROUND FACILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY A ONE-CALL SERVICE CENTER, TOLL FREE AT 811, NO LESS TWO DAYS PRIOR TO ANY EXCAVATION.

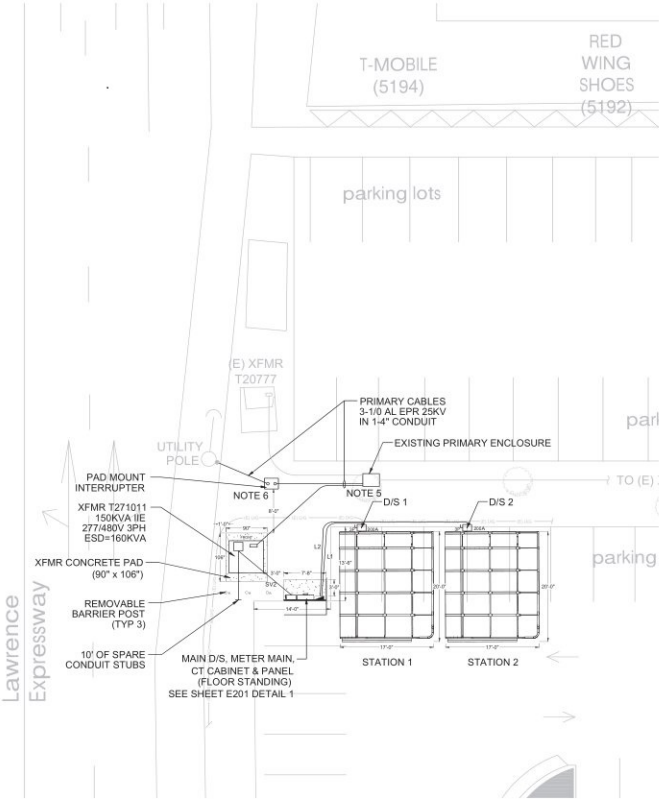
ESTIMATED WIRE PULL LENGTHS

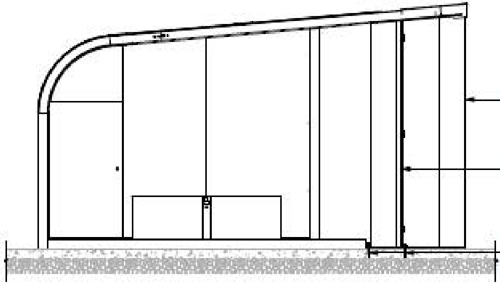
1. SV2 SERVICE CABLE (750AL QPX IN 2-5" CNDT) : 13FT
2. L1 (METER/PANEL TO DISCONNECT SWITCH 1) : 20FT
3. L2 (METER/PANEL TO DISCONNECT SWITCH 2) : 40FT

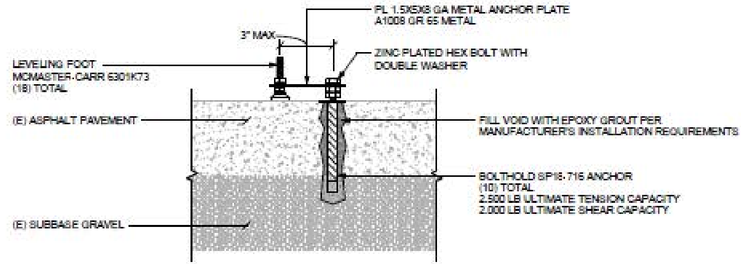


PAD & ENCLOSURE ENGLARGED PLAN VIEW

SCALE: 1/4"=1'-0"

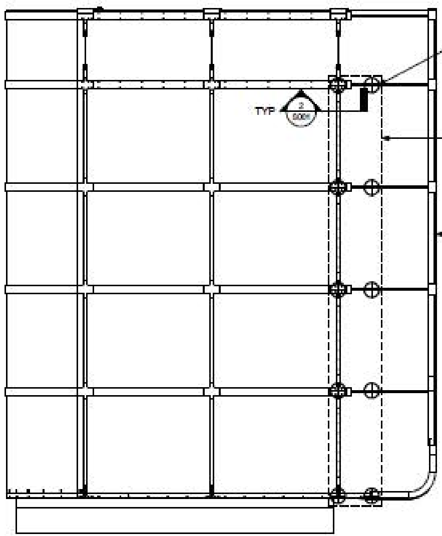


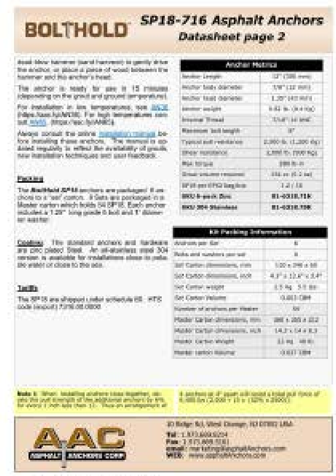




2 LEVELING FOOT AND PLATE DETAIL

3" = 1'-0"





1 CHARGING STATION PROFILES AND ANCHOR LOCATIONS

3/8" = 1'-0"

3 PRODUCT DATA SHEETS - ASPHALT ANCHORS

NOTES:

1. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS OF PAVEMENT ON SITE AND NOTIFY ENGINEER IF LOOSE OR DAMAGED PAVEMENT IS ENCOUNTERED PRIOR TO ANCHORING EQUIPMENT
2. CONTRACTOR SHALL INSTALL EQUIPMENT PER MANUFACTURER RECOMMENDED INSTALLATION INSTRUCTIONS. ALTERNATE ANCHORAGE CAN BE INSTALLED UPON REVIEW AND APPROVAL FROM ENGINEER.
3. REFER TO INSTALLATION INSTRUCTION OF CHARGING STATION FOR LEVELING FEET LOCATIONS AND PRODUCT SPECIFICATIONS


ample
ample
STATION 1
STATION 2