

GENERAL NOTES

1. LIGHT LINES INDICATE EXISTING EQUIPMENT AND HEAVY(DARK) LINES INDICATE NEW EQUIPMENT AND MATERIALS.
2. PROVIDE PVC COATED GALVANIZED RIGID STEEL ABOVE GRADE AND WHEN TRANSITIONING FROM BELOW GRADE.
3. PROVIDE PVC COATED GALVANIZED RIGID STEEL FOR BENDS 45-DEGREES AND GREATER BELOW GRADE.
4. PROVIDE PVC SCHEDULE 80 CONDUIT BELOW GRADE.
5. ELECTRICAL METALLIC TUBING (EMT) CONDUIT IS NOT ALLOWED.
6. SEE E4.1 AND E4.2 FOR PANEL SCHEDULES.

ELECTRICAL NOTES

- ① EXISTING 3-POLE CIRCUIT BREAKER IN EXISTING PANEL. SEE E4.1 FOR PANEL SCHEDULE, FOR SIZE.
- ② REMOVE EXISTING 3#1/0 SOUTH TRAILER FEEDER TO 30KVA TRANSFORMER, CONDUIT TO BE SWABBED CLEAN BEFORE PULLING NEW FEEDER
- ③ PROVIDE 3#3/0, #3G IN EXISTING 4" CONDUIT, SWAB CONDUIT UNTIL CLEAN.
- ④ PROVIDE NEMA 4X FUSED 3-PHASE DISCONNECT WITH NEUTRAL BUS AND GROUND BUS. SIZE FUSES TO TRAILER SERVICE SIZE, LOAD BALANCE PHASES TO PROVIDE EVEN LOADING BETWEEN PHASES ON PANEL '2EBP3'.
- ⑤ ALL TRENCHING, BACKFILL, CONDUITS, AND DUCTBANKS PROVIDE BY CONTRACTOR.
- ⑥ PROVIDE BURIED 2-1/2" CONDUIT, WITH 3#3/0, #3G.
- ⑦ PROVIDE EQUIPMENT, PROVIDE MOUNTING USING STAINLESS STEEL STRUT AND STAINLESS STEEL HARDWARE, AND EQUIPMENT MOUNTING PAD. SEE E5.0 DETAIL 2.
- ⑧ PROVIDE 1-1/2" CONDUIT WITH 4#2, #8G.
- ⑨ PROVIDE 1-1/4" CONDUIT WITH 3#1, #6G.
- ⑩ PROVIDE 3" CONDUIT WITH 4#350KCM.
- ⑪ PROVIDE BURIED 2" CONDUIT WITH 3#3/0, #6G.
- ⑫ PROVIDE CONNECTION TO PREFABRICATED REST ROOM ELECTRICAL PANEL.

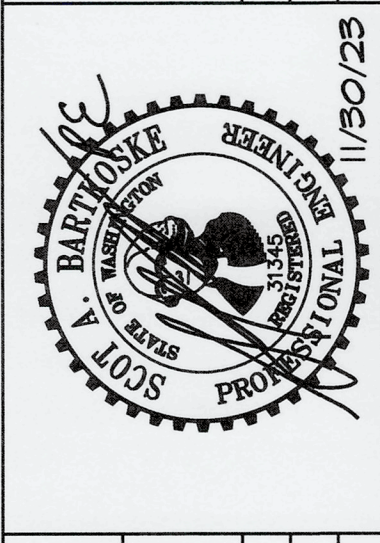
E4.0
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EB-1 PAVEMENT AND RESTROOM BUILDINGS

ONE LINE DIAGRAM

CONTRACT/CONS: 071907 TOWNSHIP: 21N RANGE: 3E SECTION: 36
M. ID: 201105.01 DAT-HRZ: W83-SF VERT: PORT OF TACOMA BM#
PHASE: BID SET PARCEL: 0321354035 DRAWING SCALE: AS NOTED

APPROVED: *[Signature]* DKS 4/12/2022
DIRECTOR ENG. DATE: 4/13/2022
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