

- GENERAL SHEET NOTES**
- UTILITY: PACIFIC POWER CONTACT: RICK WHEELER PHONE: (541) 858-3204
  - ALL TELECOMMUNICATIONS CONDUITS SHALL RECEIVE (2) 1/2" CELL MANTEL (PART #M4003W3000) INNERDUCTS. ALL COPPER AND FIBER OPTIC CABLES SHALL BE INSTALLED IN A SINGLE CELL OF THE INNERDUCT.
  - REFER TO E-1001-5.1 FOR GENERAL EQUIPMENT ITEMS.
  - NO EXISTING GRAVE YARD SITES SHALL BE DISTURBED DURING CONSTRUCTION. CONTRACTOR SHALL COORDINATE WITH CEMETERY SITE DIRECTOR FOR PARKING AND TRAVEL PATHS AS NOT TO DISTURB EXISTING GRAVE SITES.
- KEYNOTES**
- CONTRACTOR SHALL PROVIDE AND INSTALL WEATHERPROOF EPO SWITCH ON SIDE OF TRAILER. CONTRACTOR SHALL PROVIDE AND INSTALL A SIGN ABOVE EPO READING "EMERGENCY FUEL TANK SHUT OFF".
  - THIS IS THE EXISTING ADMIN BUILDING. THIS BUILDING WILL REMAIN DURING CONSTRUCTION OF THE NEW BUILDINGS. REFER TO PHASING DRAWINGS, X-SERIES FOR DEMOLITION OF THIS BUILDING.

CONTRACTOR SHALL TRANSITION FROM OVERHEAD ELECTRIC AT POLE TO UNDERGROUND ELECTRIC. CONTRACTOR SHALL DIRECTIONAL BORE UNDERGROUND UNDER ROAD AND RESTORE RIGHT OF WAY PER JACKSON COUNTY PERMIT.

EXISTING OVERHEAD ELECTRICAL SERVICE AT UTILITY POLE.

EXISTING OVERHEAD UTILITY POLE.

LOCATION OF NEW UTILITY PULL BOX/VAULT. PULL BOX S.I. #7792954

CONTRACTOR SHALL PROVIDE AND INSTALL TRENCHING AND CONDUIT FOR PRIMARY UNDERGROUND ELECTRICAL SERVICE. CONTRACTOR SHALL PROVIDE TRENCHING IN STAKED EASEMENT. CONTRACTOR SHALL PROVIDE AND INSTALL ONE(1) 6" SCHEDULE 40 PVC CONDUIT. CONDUCTORS FOR PRIMARY SERVICE WILL BE PROVIDED BY UTILITY COMPANY. CONTRACTOR SHALL REFER TO CIVIL/SURVEY DRAWINGS FOR EXACT LOCATION OF EASEMENT PROPERTY. CONTRACTOR SHALL COORDINATE TRENCHING REQUIREMENTS WITH UTILITY.

CONTRACTOR SHALL CONTINUE CONDUIT AND TRENCHING TO UTILITY POLE AT NORTH WEST CORNER OF VA CEMETERY PROPERTY

**GENERAL ELECTRICAL SHEET NOTES:**

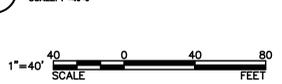
- NEW WORK BY THIS CONTRACTOR (DARK SOLID LINE)
  - NEW WORK UNDERFLOOR OR UNDERGROUND BY THIS CONTRACTOR (DARK LONG DASHED LINE)
  - NEW WORK BY OTHERS AND/OR EXISTING TO REMAIN (LIGHT SOLID LINE)
- ABBREVIATION KEY:**
- E.C. ELECTRICAL CONTRACTOR
  - T.C. TELECOMMUNICATIONS CONTRACTOR
  - M.C. MECHANICAL CONTRACTOR
  - G.C. GENERAL CONTRACTOR
  - AFB ABOVE FINISHED FLOOR
  - C CONDUIT
  - TYP TYPICAL
  - MOUNTING HEIGHT FROM FINISHED FLOOR TO CENTERLINE
- OE EXISTING OVERHEAD ELECTRICAL LINES TO REMAIN (LIGHT LINE)
  - OE NEW OVERHEAD ELECTRICAL LINES (DARK LINE)
  - M METER HOUSING AND SOCKET - EXISTING AND TO BE REMOVED AT A LATER PHASE.
  - J J JUNCTION BOX
  - HATCHING IS A GRAPHICAL REPRESENTATION OF THE EASEMENT FOR THE NEW UNDERGROUND ELECTRICAL TO BE ROUTED.
  - HH-1 HAND HOLE
  - THE LOCATION AND EXTENT OF UNDERGROUND UTILITIES, IF SHOWN, ARE BASED UPON EXISTING DRAWINGS PROVIDED BY OTHERS AND BY ABOVE GROUND EVIDENCE. THERE IS NO GUARANTEE AS TO THE ACCURACY OR THE COMPLETENESS OF THIS INFORMATION. SIZE AND LOCATION OF ITEMS SHALL BE CONSIDERED APPROXIMATE. ADDITIONAL UNDERGROUND UTILITIES MAY BE PRESENT. VERIFICATION OF THE EXISTENCE AND LOCATION OF ALL UTILITIES SHOULD BE OBTAINED FROM THE UTILITY OWNERS PRIOR TO ANY PLANNING OR DESIGN.

ELECTRICAL EASEMENT FOR ROUTING OF NEW UNDERGROUND SERVICE. REFER TO CIVIL/SURVEY DRAWINGS FOR EXACT LOCATION.

REFER TO E2.2 FOR CONTINUATION.



**1 PARTIAL ELECTRICAL SITE PLAN - NORTH**



Revisions	Date

**KJW ENGINEERING CONSULTANTS**  
Experience you can build on.<sup>SM</sup>

823 26TH AVENUE  
ROCK ISLAND, IL 61201  
309.786.0673 FAX: 309.786.5967  
www.kjw.com  
KJW Project # 10.0356.00

STRUCTURAL; MECHANICAL; ELECTRICAL;  
TECHNOLOGY; MEDICAL EQUIPMENT SOLUTIONS

I hereby certify that this Plan, Specification, or Report was prepared by me, or under my direct supervision and that I am a duly licensed Professional Engineer under the laws of the State of Oregon.

Signature: **Lee D. VanOpporp**  
Name: **Lee D. VanOpporp**  
Discipline: **Electrical**  
Oregon Registration No. **78702PE** Expiration date: **06.30.12**

Date Issued: \*\*/\*\*\*\*

**Anderson Engineering of Minnesota, LLC**

13605 1st AVENUE NORTH, SUITE 100, PLYMOUTH, MN 55441  
TEL (763) 412-4000 FAX (763) 412-4090  
www.ae-mn.com

**NATIONAL CEMETERY ADMINISTRATION**

Drawing Title <b>ELECTRICAL SITE PLAN</b>	Project Title <b>REPLACE ADMINISTRATION AND MAINTENANCE BUILDING AND SITE IMPROVEMENTS</b>	Date 7-1-2011
Approved: Director, Office of Construction Management	Building Number <b>JOHMcG</b>	Checked <b>BRAWT</b>
Approved: Director, Project Management Service	Location EAGLE POINT NATIONAL CEMETERY 2763 RILEY ROAD EAGLE POINT, OR 97524	DRAWING NO. <b>E-21</b> Dep. 56 OF 181

CONTRACTOR SHALL PROVIDE AND INSTALL A 100AMP SERVICE FEED TO TRAILER. CONTRACTOR MAY EJECT TO CONTINUE OVERHEAD OR UNDERGROUND.

EXISTING FUEL TANKS THAT ARE TEMPORARILY RE-LOCATED. POWER FOR FUEL TANKS MAY BE FEED FROM TRAILER ELECTRICAL PANEL. CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) CIRCUITS. ROUTE 3#8 AND 1#8 END IN 3/4" CONDUIT FOR FUEL TANK CIRCUIT #1 (60A/2P - SHUNT TRIP). ROUTE 3#8 AND 1#8 END IN 3/4" CONDUIT FOR FUEL TANK CIRCUIT #2 (60V/2P - SHUNT TRIP).

REFER TO 4/E3.1 FOR UNDERGROUND CONDUIT DETAIL.

NEW TEMPORARY UTILITY POLE FOR TEMPORARY ELECTRIC SERVICE. CONTRACTOR SHALL COORDINATE WITH UTILITY ON REQUIREMENTS AND FINAL LOCATION. CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANY DISCONNECT AND METER LOCATION. PROVIDE AND INSTALL A 100AMP FEED. PROVIDE AND INSTALL A NEMA 3R 100AMP DISCONNECT. SERVICE RATES. MOUNT DISCONNECT TO POLE.

REFER TO E2.2 FOR CONTINUATION.

EXISTING POLE MOUNTED BRANCH PANEL. CONDUIT-IN: 1-1/2" PVC CONDUIT FED FROM BELOW GRADE. CONDUCTOR-IN: NO. 2 COPPER WIRE. PANEL SIZE AND TYPE: 100AMP SQUARE-D QD PANEL. MAIN CIRCUIT BREAKER SIZE: 90 AMP. FLAG POLE CIRCUIT BREAKER SIZE AND LOCATION: CKT #1, 20AMP. FLAG POLE CONDUIT & CONDUCTOR SIZE: 3/4" W/ 10/2 U.F. WIRE. FLAG POLE LIGHTS: 4-40WATT METAL HALIDE. GROUND MOUNTED, WITH PHOTOCCELL. COMMITAL SHELTER CIRCUIT: 1" PVC CONDUIT.

EXISTING BELL TOWER REMOTE CONTROL PAYER LOCATED IN COMMITAL SHEETER CLOSET.

EXISTING COMMITAL SHELTER BRANCH PANEL. 100AMP SIEMENS PANEL. 50AMP MCB.

EXISTING GROUND MOUNTED FLAG POLE FLOOD LIGHTS. FED FROM POLE MOUNTED BRANCH PANEL.

EXISTING WIRE AND CONDUIT FOR FLAG POLE LIGHTING

EXISTING UNDERGROUND FEED TO POLE MOUNTED BRANCH PANEL. FEED OUT OF PANEL "2" LOCATED IN MECHANICAL ROOM IN MAINTENANCE BUILDING. CIRCUITS #27,29 IN 1-1/4" W/ #2 AWG WIRE.

CONTRACTOR SHALL CUT AND REMOVE EXISTING CABLING FROM CARILLON TOWER TO EXISTING CARILLON CABINET. CUT EXISTING CONDUIT AND EXTEND TO NEW HAND HOLE. HAND HOLE WILL CONNECT TO NEW 2" CONDUIT THAT ROUTES TO THE NEW TELECOMMUNICATIONS ROOM. REFER TO E-1001-7.5 AND 5/E-1001-7.3 FOR ADDITIONAL INFORMATION. REFER TO 1/E3.1 FOR HAND HOLE (HH-1) DETAIL.

CONTRACTOR SHALL PROVIDE AND INSTALL NEW HANDHOLE FOR SPLICING EXISTING FEED AND NEW FEED TO POLE MOUNTED BRANCH PANEL. REFER TO 1/E3.1.

REFER TO E2.2 FOR CONTINUATION.