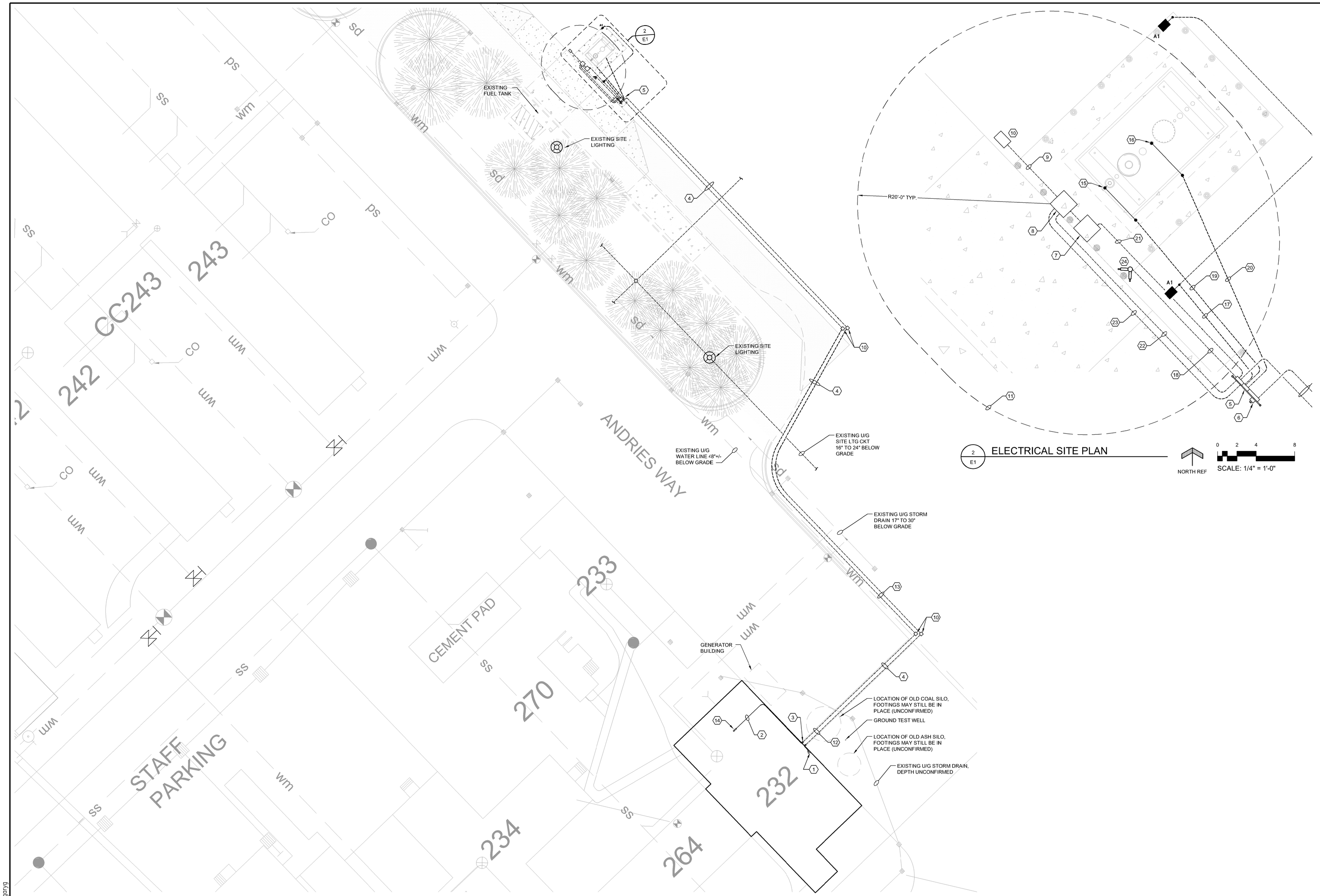

1 E1 ELECTRICAL SITE PLAN

NORTH REF

SCALE: 1" = 20'

2 E1 ELECTRICAL SITE PLAN

NORTH REF

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

SHEET WORK NOTES (#)

1. EXISTING PANEL 'A', 208Y/120V, 3ϕ, 4W, 400A, WESTINGHOUSE NQB. PROVIDE A NEW 30A, 3P, CIRCUIT BREAKER AT POLES 68, 70, 72 & LABEL "E85 FUEL STATION".
2. NEW CONDUIT AND CONDUCTORS THROUGH BUILDING.
3. NEW CONDUIT AND CONDUCTORS DROP TO 24" BELOW GRADE, SEE DETAIL 4/E2.
4. NEW CONDUIT, CONDUCTORS AND CABLE FOR POWER, DATA/COM AND VIDEO. SEE DETAILS 1/E2 & 5/E2.
5. ELECTRICAL EQUIPMENT (AND RACK). SEE DETAIL 3/E2.
6. EMERGENCY FUEL SYSTEM SHUTOFF (EPO). SEE DETAIL 3/E2
7. NEW POS.
8. NEW DISPENSER.
9. CONDUITS STUBBED OUT FOR FUTURE DISPENSERS.
10. 18"x12"x12" NOMINAL, FLUSH, CONCRETE BOX WITH HEAVY-DUTY DRIVE-OVER COVER.
11. LINE OF CLASS I DIV. I SPACE TO 18" AFG. PROVIDE CONDUIT SEAL-OFF ON BOTH ENDS OF CONDUIT RUNS AT 18" AFG.
12. IF OLD COAL SILO FOOTING DOES NOT PERMIT 24" OF COVER OVER CONDUITS, THE CONDUITS MAY BE RUN SHALLOWER WITH CONCRETE ENCASEMENT THROUGH THIS SECTION ONLY.
13. RUN CONDUITS BETWEEN WATER LINE & STORM DRAIN IN THIS SECTION.
14. EXISTING DATA/COMM EQUIPMENT AREA, SEE DETAIL 8/E2.
15. INTERSTITIAL SPACE SENSOR 'IS'. SEE DETAIL 4/C5.
16. TANK VACUUM SENSOR 'VS'. SEE DETAIL 4/C5.
17. 2 #12 & 1 #12G - 3/4"C FOR POLE LIGHTS.
18. 1"C FOR CAMERA CABLES.
19. #18 SHIELDED PAIR IN 3/4"C FOR 'IS' CABLE.
20. #18 SHIELDED PAIR IN 3/4"C FOR 'VS' CABLE.
21. CAT 6 CABLE IN 1"C FOR POS.
22. (2) #18 SHIELDED PAIRS IN 3/4" FOR FLOW METER & PRESSURE SENSOR.
23. (3) #18 SHIELDED PAIRS IN 3/4" FOR PULSER/TOTALIZER, PUMP SENSE INPUT & HOOK SIGNAL.
24. POLE-MOUNTED CAMERAS. SEE DETAILS 6/E2, 7/E2 & 8/E2.

GENERAL NOTES

A. ALL ELECTRICAL WORK SHALL BE INSTALLED IN STRICT ACCORDANCE WITH N.E.C. ARTICLE 514.

B. JOHNSON CONTROLS SHALL BE EMPLOYED BY THE CONTRACTOR TO FINISH THE INSTALLATION OF CAMERA CABLING & CONNECTIONS FROM BUILDING 232 TO THE POLICE STATION. CONTACT NORMAN NOMIE, 503-305-2043, 4011 SE INTERNATIONAL WAY, SUITE 605 MILWAUKIE OR, 97222, OR CELL 503-739-4309.

three inches = one foot 6" 0
one and one half inches = one foot 1" 6" 0
one inch = one foot 2" 6" 0
three quarters inch = one foot 2" 6" 0
one half inch = one foot 4" 0
three eighths inch = one foot 4" 0
one quarter inch = one foot 8" 4" 0
one eighth inch = one foot 16" 8" 4" 0

G:\WCVSN20_E85\Elec\E1.dwg 10-23-13 05:17:18 PM gdyrg

VA FORM 08-6231

Revisions:	Date

CONSULTANTS:

REGISTERED PROFESSIONAL ENGINEER 78644PE OREGON Nov. 19, 2006 GARY GLASSING
10/24/2013
EXPIRATION DATE: 06/30/15

ARCHITECT/ENGINEERS:

CTA®
1185 GROVE STREET
BOISE, IDAHO
P:208-336-4900/F:208-343-3531
WWW.CTAGROUP.COM

Drawing Title	ELECTRICAL SITE PLAN
Approved: Project Director	APPROVED-BY-NAME APPROVED-BY-TITLERANK STATION-MNGT
Project Title	WHITE CITY VA E85 FUELING STATION
Location	WHITE CITY MEDICAL CENTER, WHITE CITY, OREGON
Date / Checked / Drawn	10/24/2013 / KCB / BCS
Project Number	692-342 VA 701-13-J-0090(WC)
Building Number	EAST OF 243
Drawing Number	E1 Dwg. 8 of 9

Office of Construction and Facilities Management

Department of Veterans Affairs