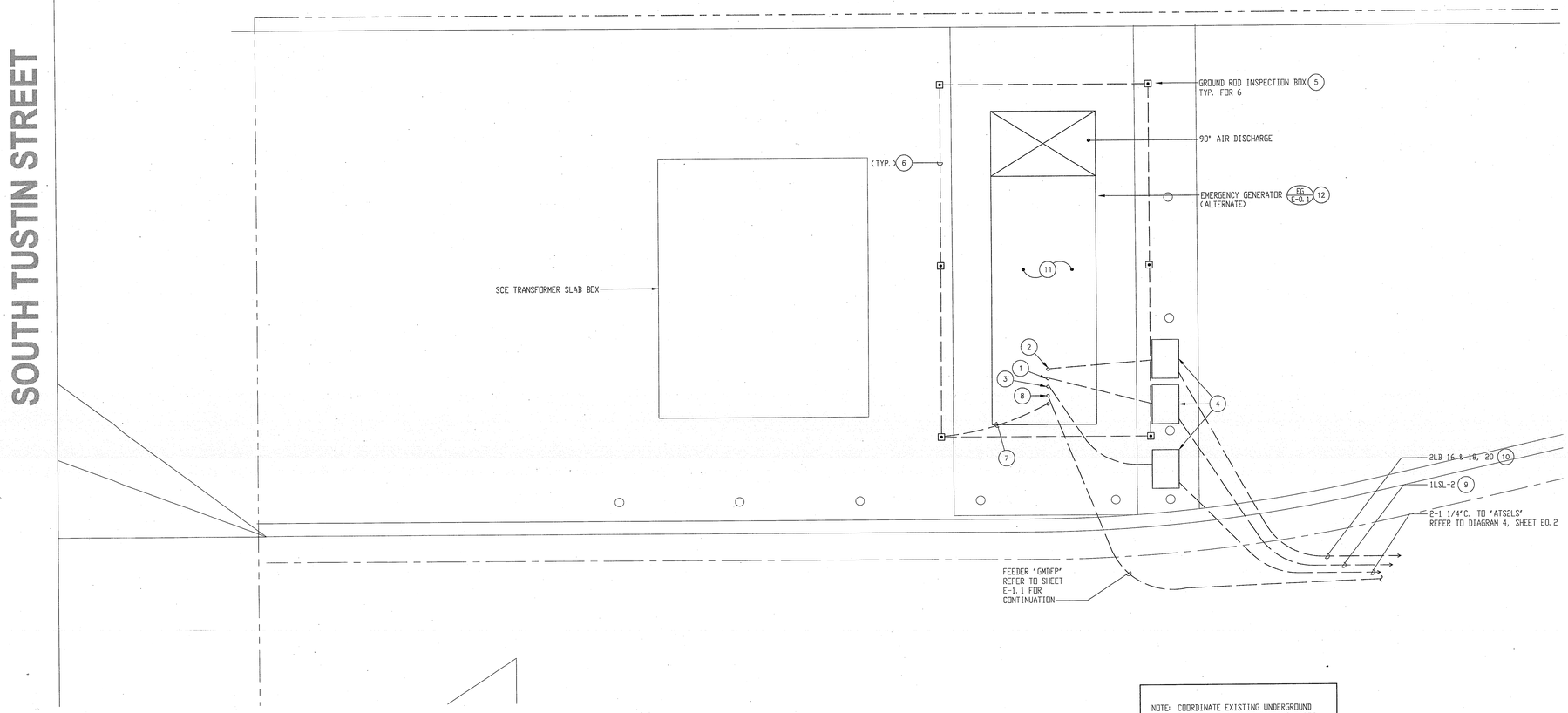

NOTE: COORDINATE EXISTING UNDERGROUND UTILITIES PRIOR TO DIGGING. SEE GENERAL NOTE 10, SHEET E-0.0.

KEYNOTES

1. CONNECT GENERATOR LIGHTS AND RECEPTACLE TO 120V. LIFE SAFETY CIRCUIT.
2. CONNECT GENERATOR CHARGER AND CRANKCASE HEATER TO 120V. AND 208V. NORMAL CIRCUITS.
3. CONNECT TO GENERATOR CONTROLS. PROVIDE PULLBOX. SEE NOTE 9.
4. GENERATOR PULLBOXES SHALL BE 10" X 17" X 11"D. PRECAST CONCRETE WITH BOLT DOWN TRAFFIC COVERS. MARK PULLBOXES INDICATED CIRCUIT NUMBER OR CONTROLS. SAWCUT AND CHIP EXISTING CONCRETE SLAB FOR CONDUIT INSTALLATION BELOW GENERATOR.
5. PROVIDE DRIVEN 5/8" X 10' COPPERCLAD GROUND ROD IN ERITECH P1T03 INSPECTION BOX INSTALLED FLUSH WITH GRADE/PAVING. CAD HELD GROUND ELECTRODES TO GROUND ROD.
6. 1#1/0 BARE COPPER GROUND ELECTRODE, 24" BELOW GRADE.
7. 1"C. 1#3/0 GROUND TO 'EG'.
8. CONNECT TO GENERATOR CIRCUIT BREAKER.
9. 2#10 AND 1#10 GRD-3/4"C.
10. 4#8 AND 1#10 GRD- 1 1/4"C.
11. SEE SPECIFICATIONS 16620 FOR EMERGENCY LIGHTING REQUIREMENTS.
12. ALTERNATE: GENERAL CONTRACTOR TO PROVIDE FOUNDATION (PAD) DESIGN AND ANCHORAGE FOR NEW GENERATOR. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE CONSTRUCTION DOCUMENTS AND ALL PERMITS REQUIRED FOR THE CONSTRUCTION OF THE EMERGENCY GENERATOR AT HIS COST AS DETAILED IN THESE DOCUMENTS AND TO HIRE AT HIS COST THE PROFESSIONAL ENGINEER LICENSED IN CALIFORNIA FOR THE PERFORMANCE OF THE REQUIRED WORK.

GENERATOR REPLACEMENT ALTERNATE SITE PLAN | SCALE: 1/2"=1'-0" | 1

County of Orange
OC PUBLIC WORKS
Architecture & Engineering

Revisions

Sym.	Descrip.	Date	By
0742			

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A-E Seal
REGISTERED PROFESSIONAL ENGINEER
No. 15-30-10
STATE OF CALIFORNIA

A-E ALEXANDER + HIBBS, AIA, INC.
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Design | Chkd. | Date Nov. 26, 2009

Sht Title GENERATOR REPLACEMENT ALTERNATE SITE PLAN
Project COUNTY OF ORANGE HEALTH CARE AGENCY
401 SOUTH TUSTIN STREET
401 SOUTH TUSTIN STREET
ORANGE, CA 92866
PROJ. NO. 100-042-P210-4200

Plan No.
52333-03608

Sheet
E-0.8

Filename: L:\HIBBS\E-1 MASTER.DWG
Plotted: Jan 26, 2009, 8:36:00 AM, Plot Scale: 1:1
Layout: ALTERNATE SITE PLAN, Layout Tab: E-0.8
0742 COUNTY OF ORANGE HEALTH CARE AGENCY 401 SOUTH TUSTIN STREET