

CONSTRUCTION NOTES

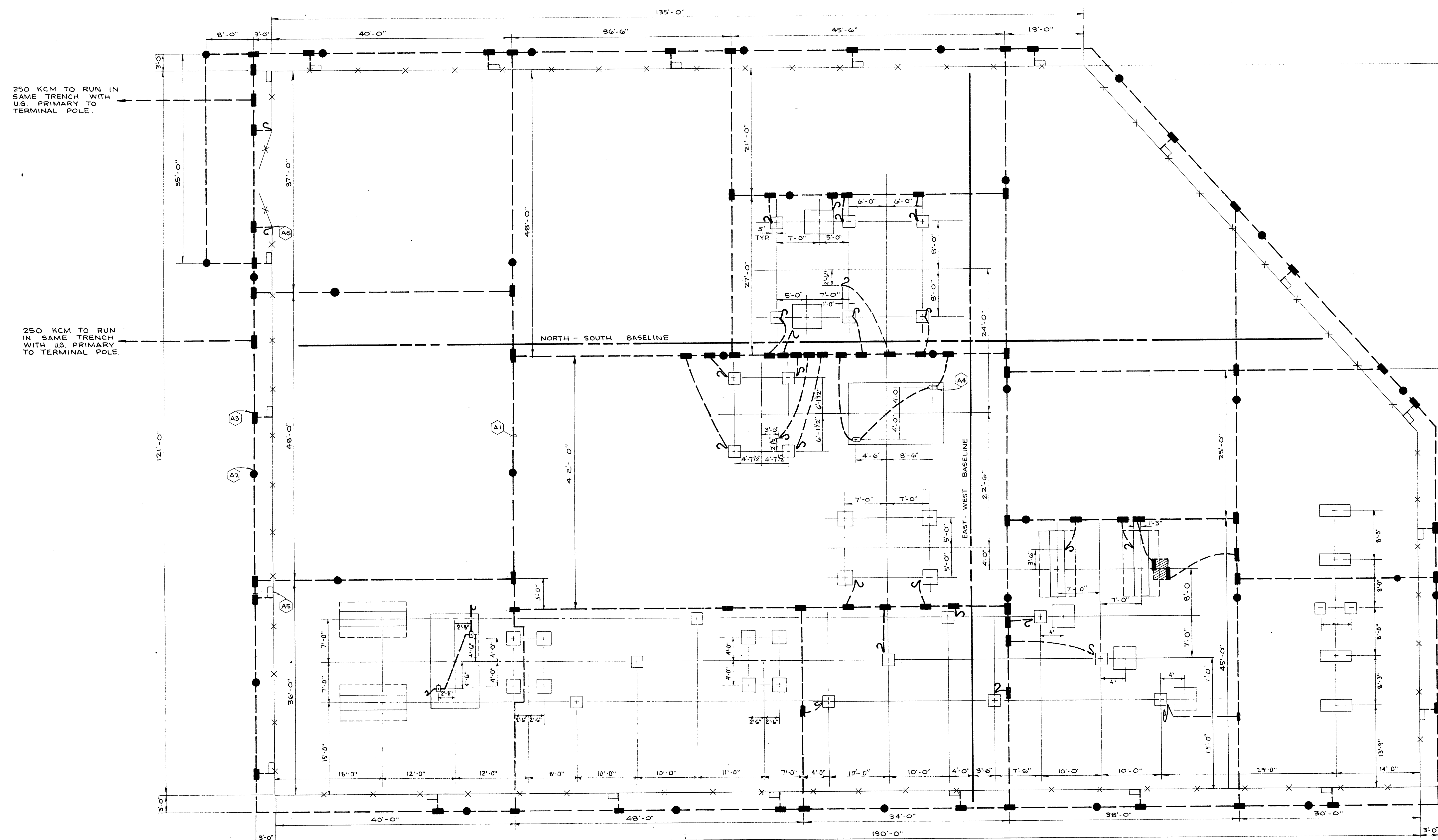
PLACE GROUND GRID APPROX. 2'-0" BELOW GRADE LEVEL, EXTEND TAILS 2'-0" ABOVE GRADE LEVEL. PLACE GROUND RODS APPROX. 35'-0" APART. GROUND FENCE TO GRID APPROX. 30'-0" APART. BOND FENCE CORNER & POST TO GRID BY CADWELDED METHOD. BOND GATE TO POST WITH BELDON BRAID OR EQUAL.

LEGEND

- 5/8" X 8'-0" COPPERWELD GROUND ROD
- GROUND SLEEVE 250MCM COMPRESSION TYPE
- GROUND PAD
- 250 KCM BARE STRANDED CU. WIRE
- S— 250 KCM GROUND TAIL ABOVE GRADE
- LIST OF MATERIAL ITEM
- ✕ FENCE LINE
- FENCE BONDING STRAP
- ▨ DISC. SW. HANDLE GROUND MAT.

REFERENCES

C13055 CONDUIT PLAN
 C13051 GENERAL LAYOUT
 E3756 LIST OF MATERIAL CONDUIT & GROUNDING



NO.	DATE	BY	DESCRIPTION	CHK	APP
1-82	8/25	REVISED PER RECORD	REVISION		

REVISIONS

PORTLAND GENERAL ELECTRIC CO.
 PORTLAND, OREGON

**RAINIER SUBSTATION
 GROUNDING PLAN**

SANDWELL INTERNATIONAL INC.
 PORTLAND, OREGON

APPROVALS
DESIGNER: DEF
CHECKED: JRJ
DESIGN SUPV: EJK
CHIEF ENGR: [Signature]
ENGR MANAGER: [Signature]

APPROVALS	SCALE
DESIGNER: DEF	1/8" = 1'-0"
CHECKED: TLH	
DESIGN ENGR: [Signature]	
DESIGN SUPV: D.F. HARRISON	
CHIEF ENGR: W. Ream	
ENGR MANAGER: [Signature]	
DATE: 6-24-74	
C13056	

