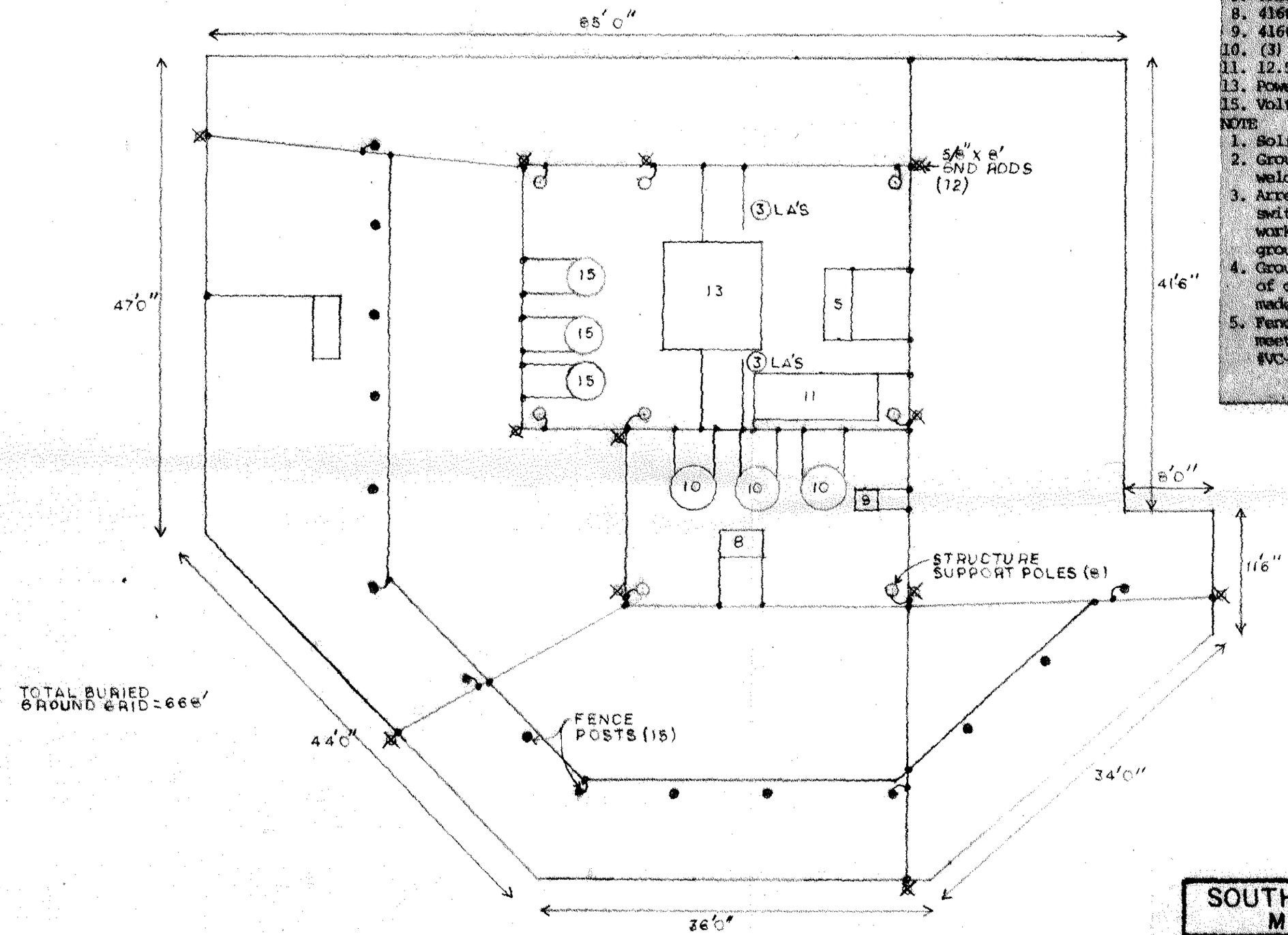

3. (3) 60kV station arrestors.
5. 69kV power circuit breaker.
8. 4160V vacuum switch.
9. 4160V ground resistor.
10. (3) 833KVA power transformers
11. 12.5kV ground resistor.
13. Power transformer.
15. Voltage regulators.

NOTE

1. Solid line is 4/0 copper ground grid.
2. Ground buss connections to be cad welded as much as practicable.
3. Arrestors, metering transformers, and switches mounted on the structure framework are to have multiple paths to the ground grid.
4. Ground grid is to be buried a minimum of one foot except where connection is made to equipment frames.
5. Fence construction and grounding is to meet Utah Power and Light specification #VC-57923-C

RECEIVED
AUG 09 1985
DIVISION OF OIL GAS & MINING

SOUTHERN UTAH FUEL CO. MINE NUMBER ONE	
69KV SUBSTATION GROUNDING	
DATE 3-26-85	SCALE 1" = 10'0"
DRAWN BY ADB	DRAWING NO. 85ELECT 114B