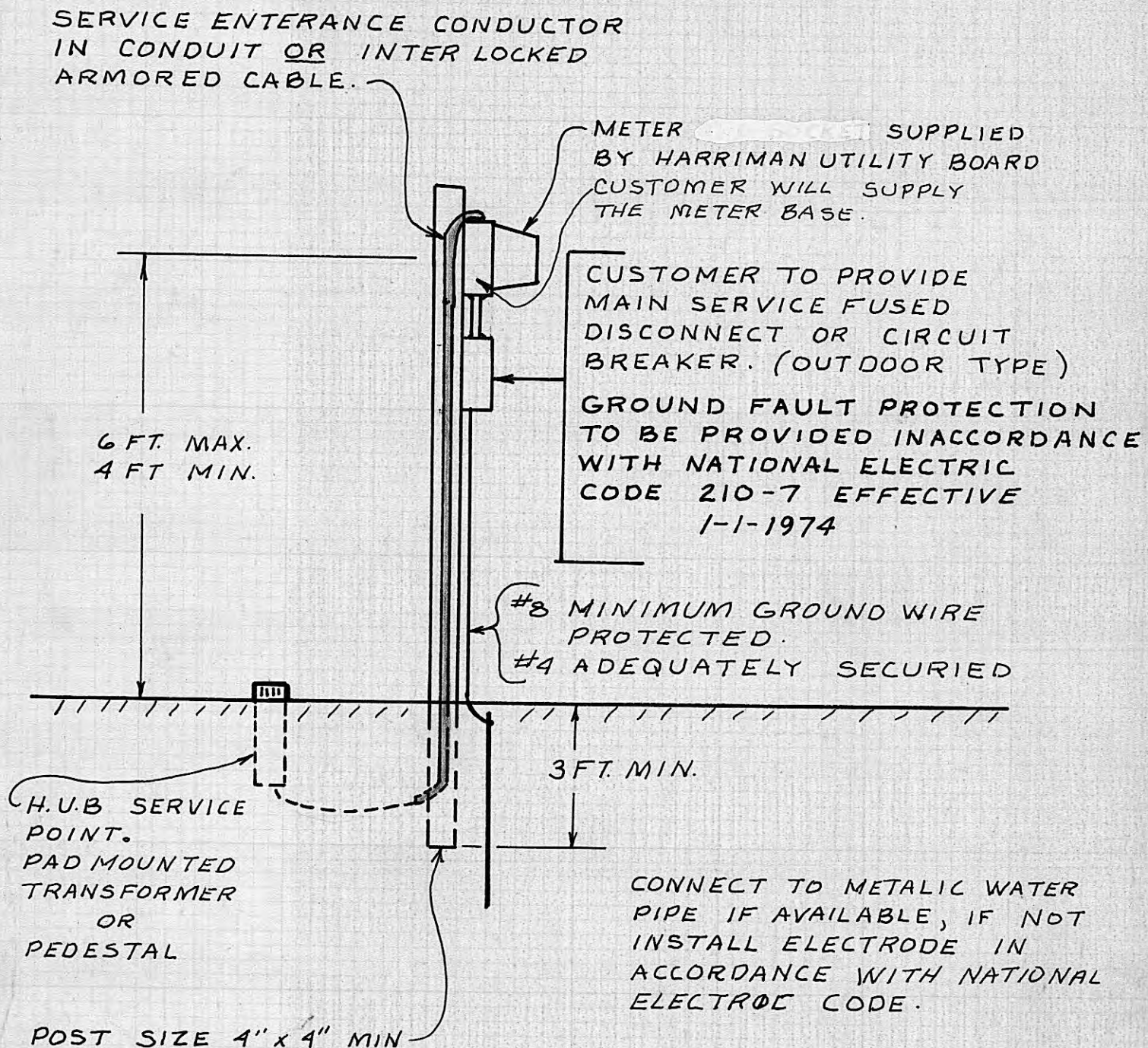
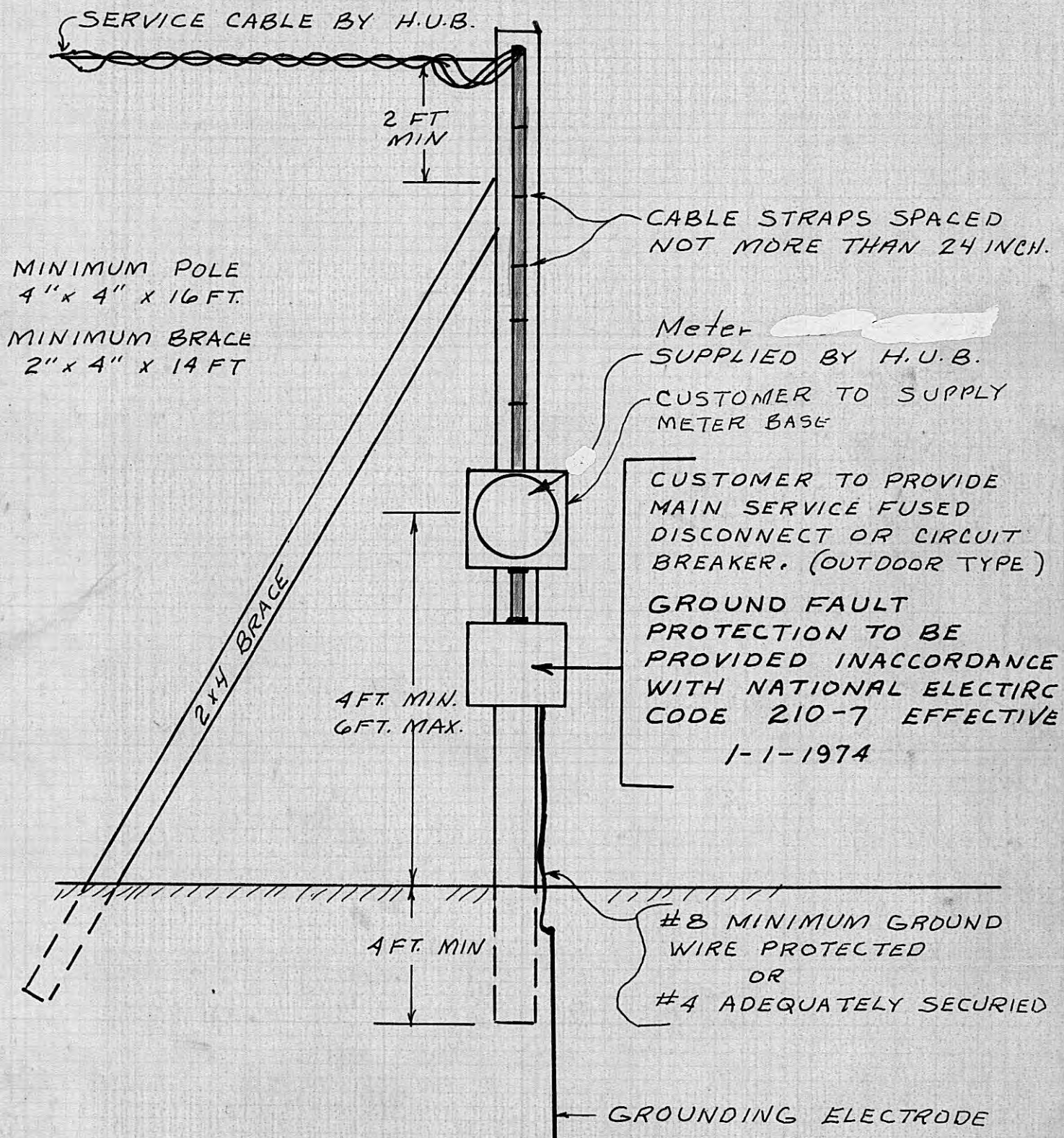


TEMPORARY CONSTRUCTION POLE UNDERGROUND AREA HARRIMAN UTILITY BOARD

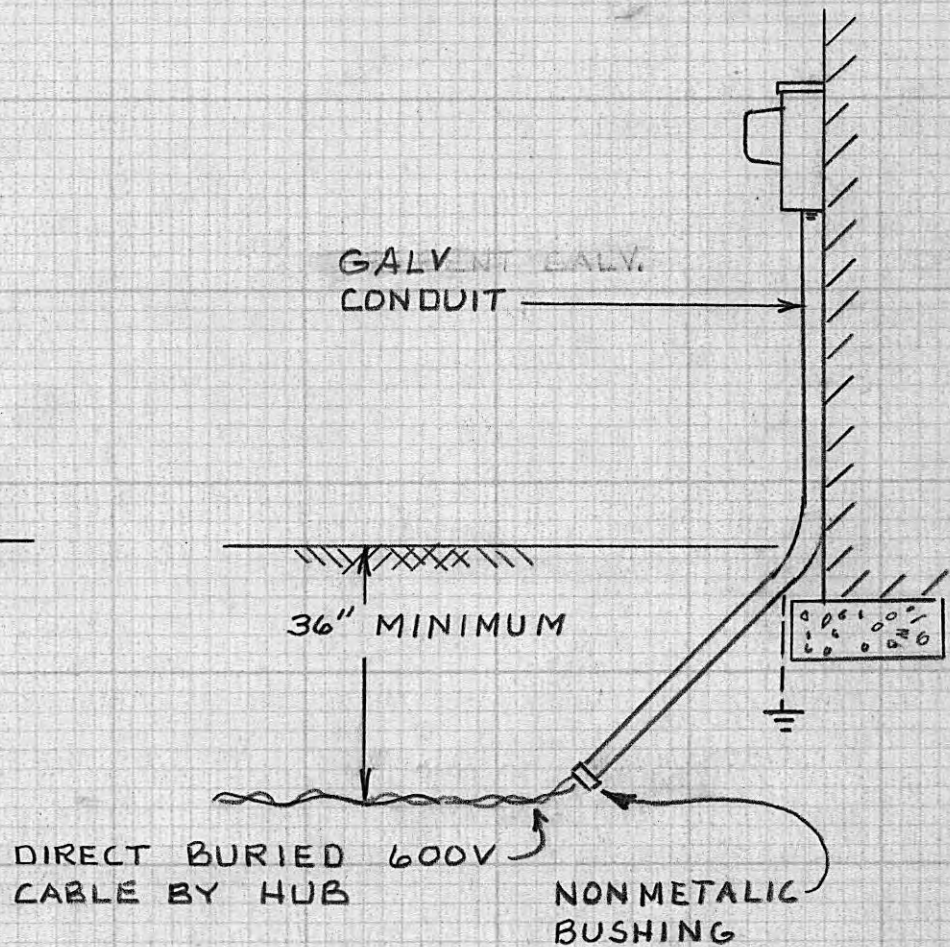
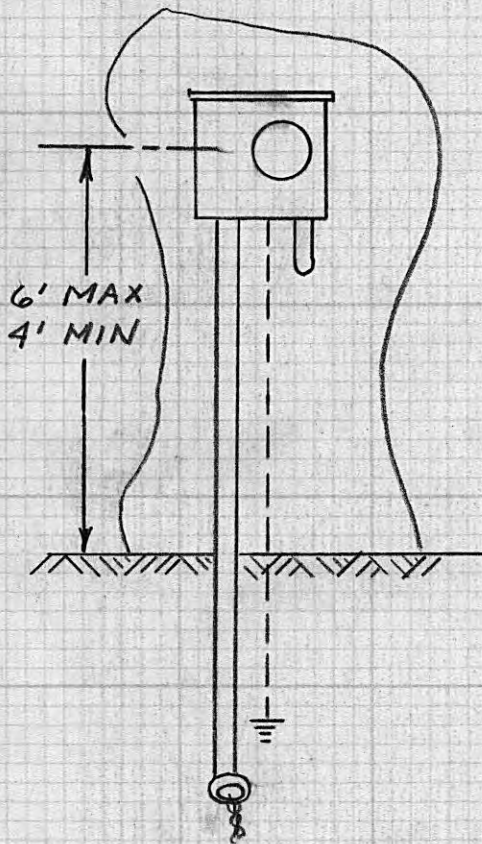
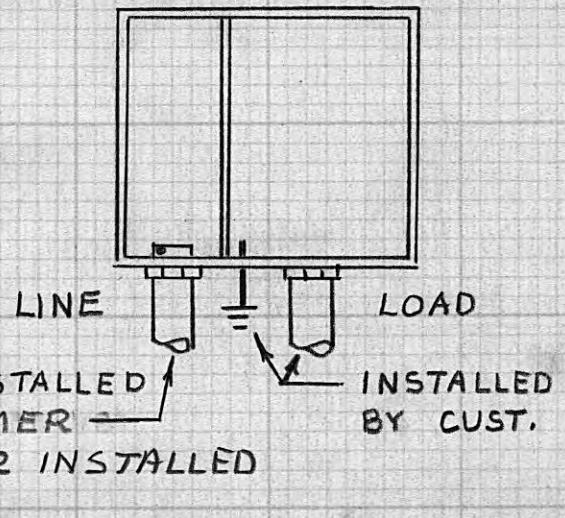
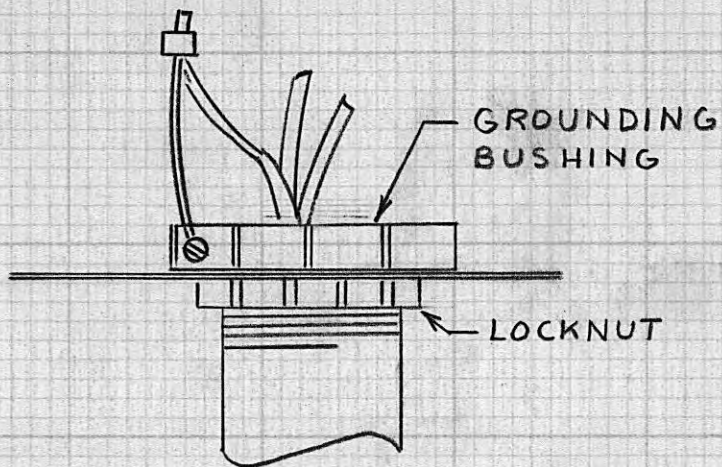


TEMPORARY CONSTRUCTION POLE

HARRIMAN UTILITY BOARD



* POLE MUST BE SUFFICIENTLY RIGID TO WITH STAND A 200 POUND PULL AT THE TOP. MAY BE EITHER GUYED OR BRACED.



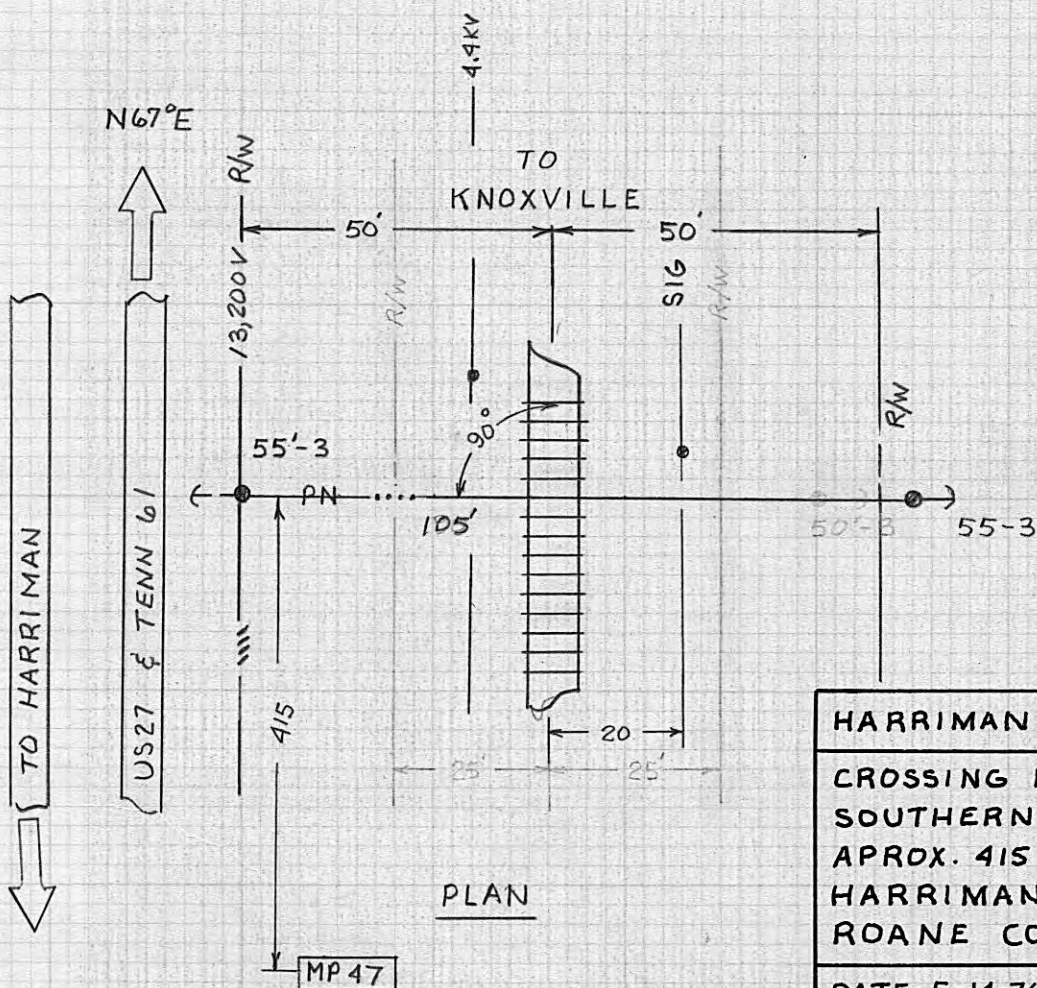
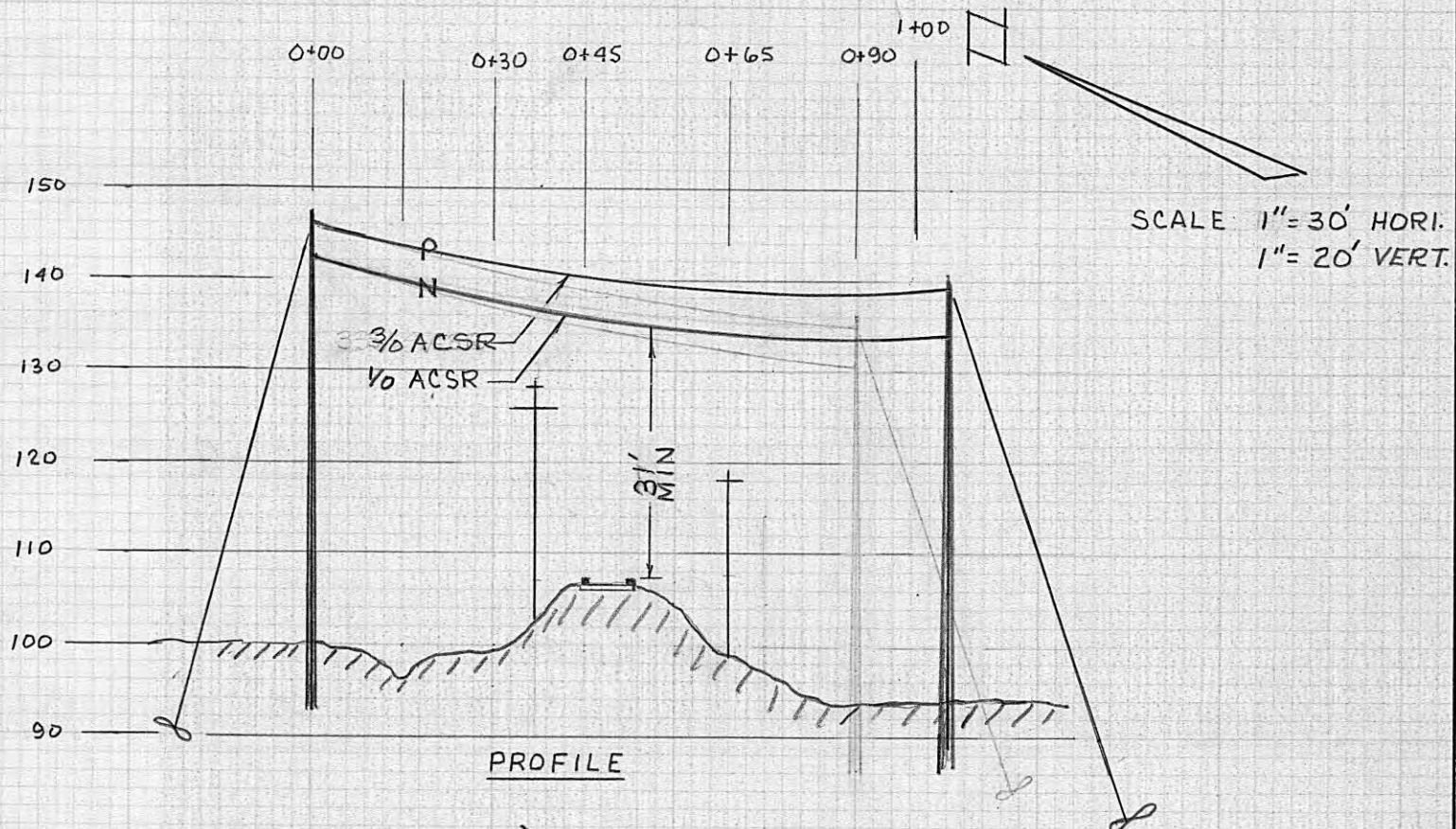
INSTALLATION DETAILS UNDERGROUND RESIDENTIAL SERVICE

HARRIMAN UTILITY BOARD

RHALL

DWG. 71-A

E-71-A

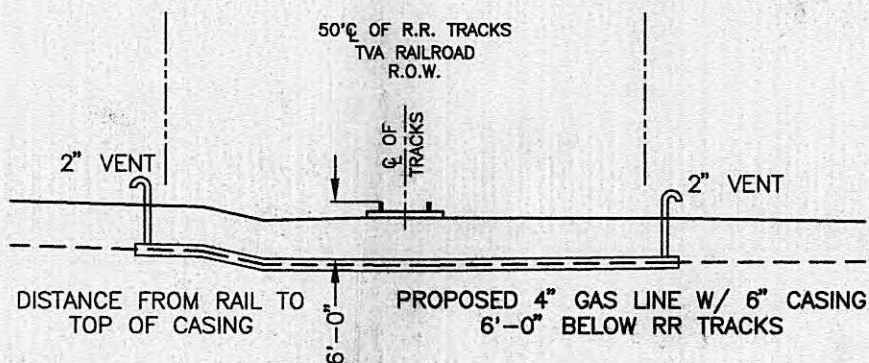
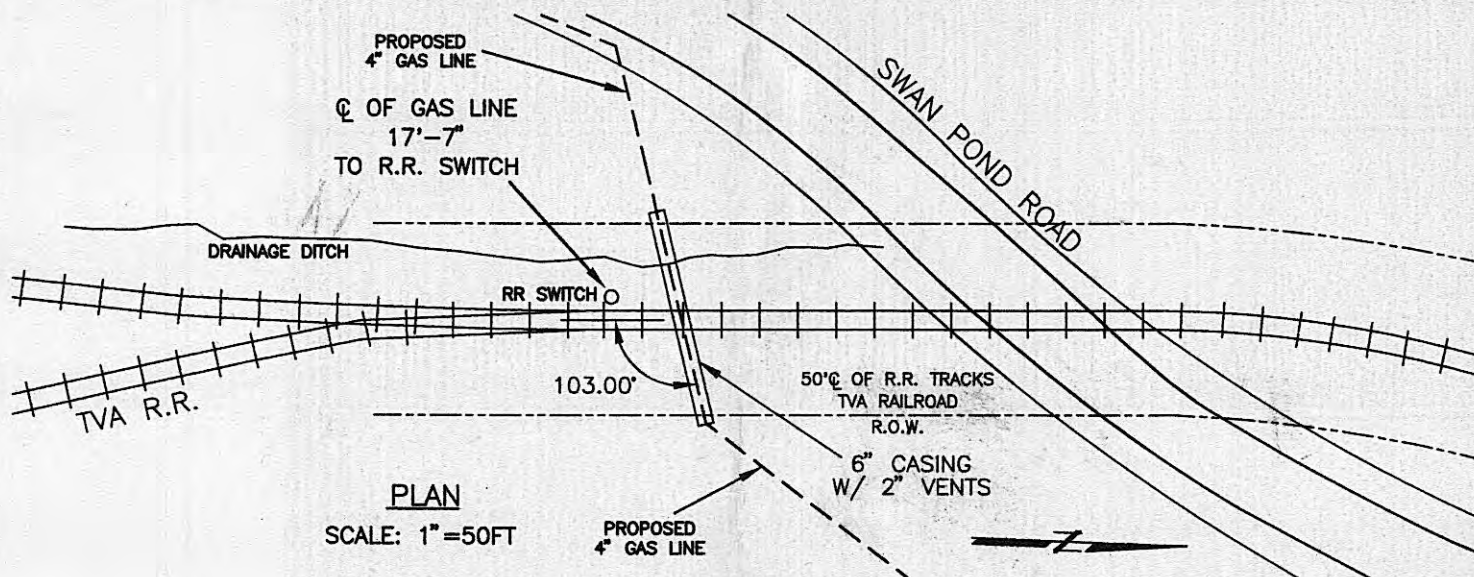


HARRIMAN UTILITY BOARD, TN.

CROSSING PLAN & PROFILE
SOUTHERN RAILWAY SYSTEM
APPROX. 415' N.E. OF MP-47
HARRIMAN TO KNOXVILLE
ROANE COUNTY, TENNESSEE

DATE 5-14-76 RTHALL DWG. NO. 60S

E-60-A



CONTENTS TO BE HANDLED

OUTSIDE DIAMETER

PIPE MATERIAL

SPECIFICATION AND GRADE

WALL THICKNESS

ACTUAL WORKING PRESSURE

TYPE OF JOINT

COATING

METHOD OF INSTALLATION

CATHODIC PROTECTION

TVA RR:

BURY: BASE OF RAIL TO TOP OF CASING

BURY: (NOT BENEATH TRACKS)

BURY: (ROADWAY DITCHES)

CARRIER PIPE

NATURAL GAS

4.5"

PE

3408 SDR11

0.409"

45PSI

FUSION

None

SLIDE

YES ()

CASING PIPE

CARRIER

6"

STEEL

ASTM 53 B

0.188"

N/A

Welded

None

JACK & BORE

NO (X)

HARRIMAN UTILITY BOARD

300 ROANE STREET
HARRIMAN, TENNESSEE

PROPOSED GAS LINE CONSTRUCTION
SWAN POND RD. @ TVA RR

SCALE: NOTED

DATE: 1/26/1996

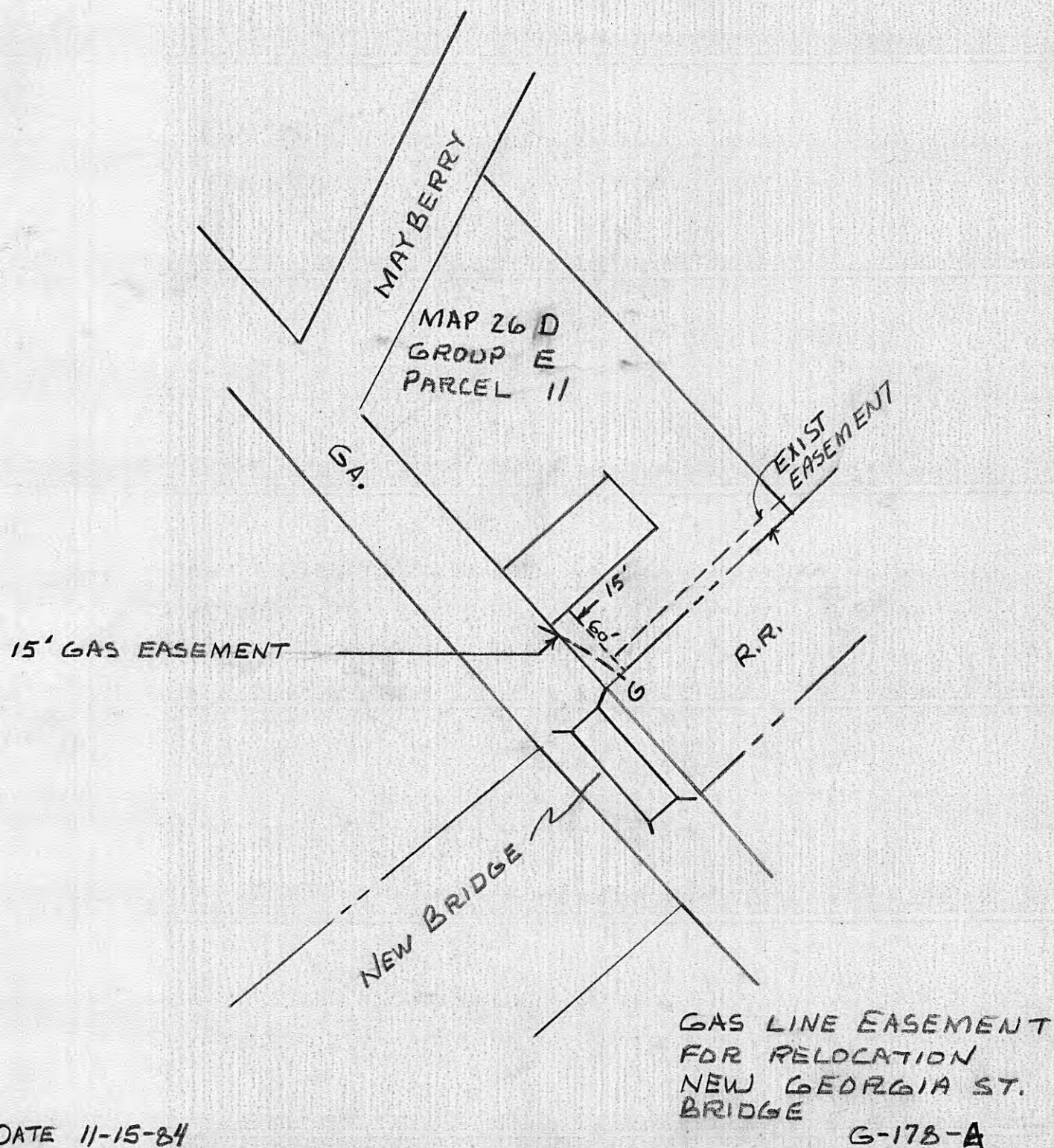
DRAWN BY: GJM

PROFILE
SHEET

1

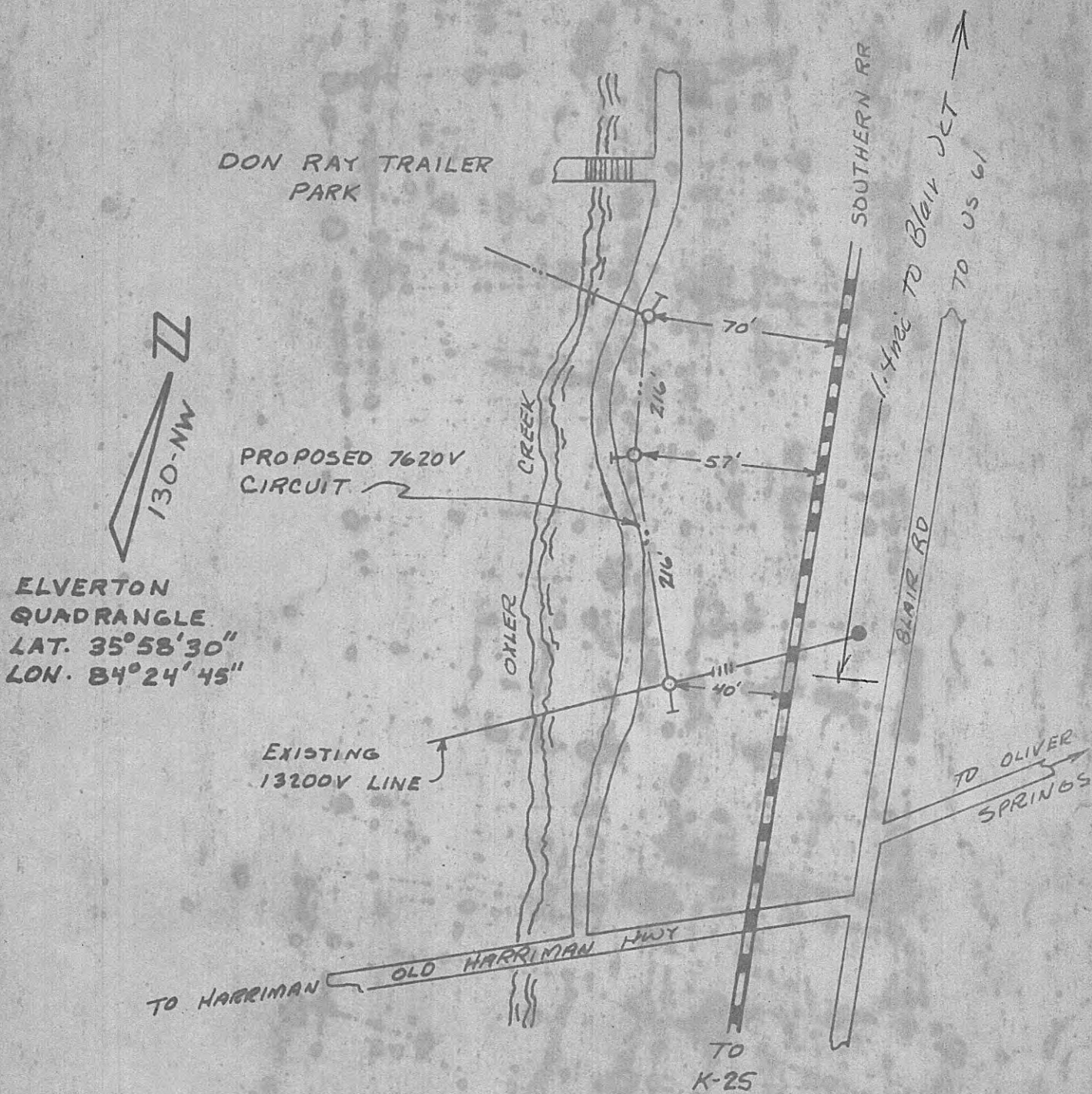
DWG. NO. G-233-S^A

ACME BLOCK & CONCRETE INC.



DATE 11-15-84

GAS LINE EASEMENT
FOR RELOCATION
NEW GEORGIA ST.
BRIDGE
G-178-A

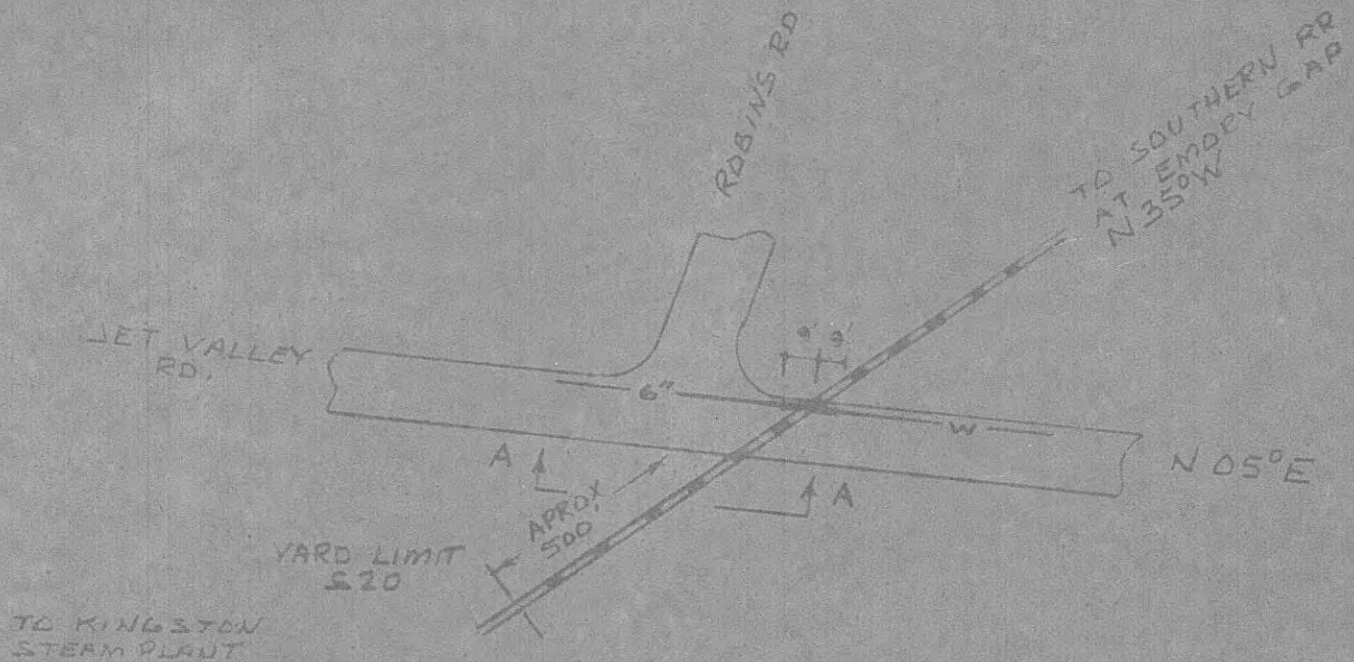


HARRIMAN UTILITY BOARD
HARRIMAN, TENNESSEE

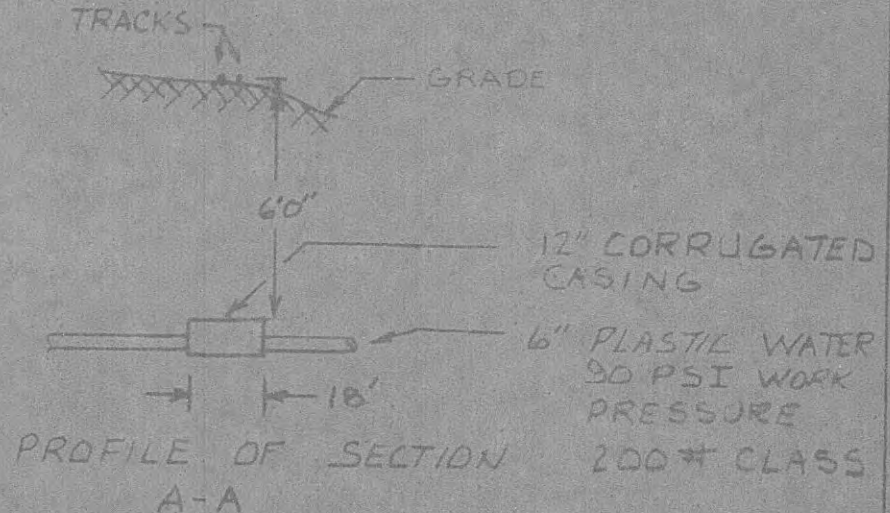
PROPOSED ENCROACHMENT
SOUTHERN RAILWAY SYSTEM
NEAR OLD HARRIMAN HWY &
BLAIR ROAD

REALL 4-27-73

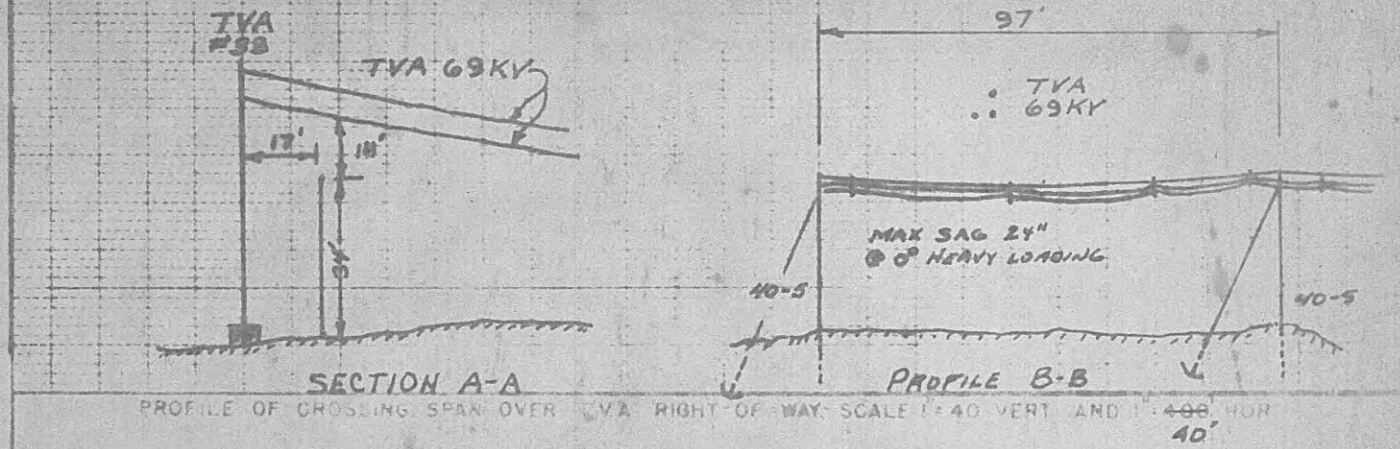
DWG. NO. 16-5



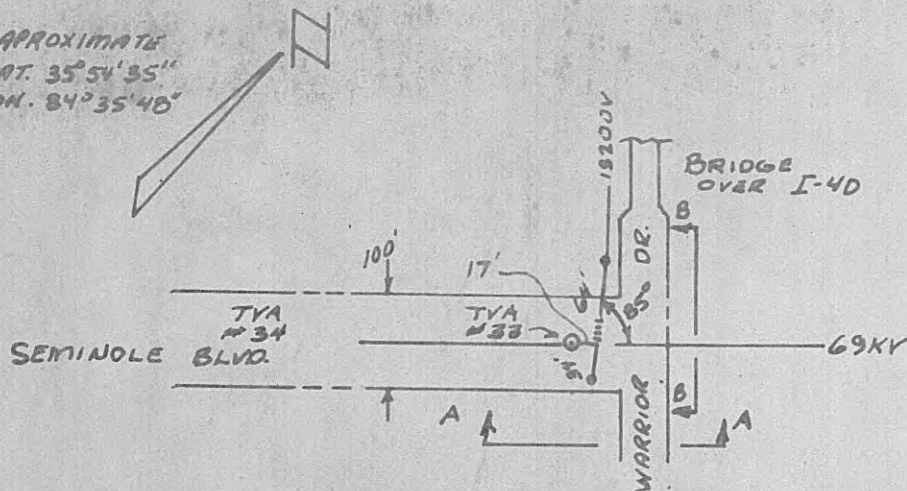
SCALE VERT 5' = 1"
HORIZ. 50' = 1"



HARRIMAN UTILITY BOARD HARRIMAN, TENN. 7-10-72 RAH DWG. NO. 6-A
T.V.A. RR CROSSING JET VALLEY RD



APPROXIMATE
LAT. 35° 54' 35"
LONG. 84° 35' 40"



1-052 AWA MESSENGER
3-#3/8 SPACER CABLE

PLAN OF CROSSING SCALE 1" = 200'

SKETCH SHOWING APPROXIMATE ANGLE OF CROSSING, NORTH ARROW, DISTANCES TO ADJACENT STRUCTURE OF EACH LINE, TVA STRUCTURE NUMBERS, CONDUCTOR SIZE AND CONFIGURATION OF CROSSING CIRCUIT

LINE CROSSING DATA			DATA FROM TVA RECORDS		
A	CONDUCTOR HEIGHT AT CROSSING AT TEMP 60°F	48'	A	CONDUCTOR HEIGHT AT CROSSING WITH SAG AT 120°F FINAL	
1	TVA POWER CONDUCTOR, LOWEST	48'	1	TVA POWER CONDUCTOR	
2	TVA TELEPHONE CONDUCTOR	—	2	TVA TELEPHONE CONDUCTOR	
3	CROSSING CONDUCTOR, HIGHEST	34'	B	SIZE & MATERIAL OF POWER CONDUCTOR	
4	CROSSING CONDUCTOR, LOWEST	32'	C	SIZE & MATERIAL OF TELEPHONE CONDUCTOR	
B	SIZE & MATERIAL OF CROSSING CONDUCTORS	3/8 AAC	D	STATUS OF R/W	
C	MINIMUM CLEARANCE OF CROSSING CONDUCTORS OVER TVA R/W	32'	E	SURVEY STATIONS AT ADJACENT CROSSING STRUCTURES	
D	IS LOCATION ACCESSIBLE TO VEHICLES	YES	F	PROFILE DRAWING NO & SHEET NO	

SEE DWG SC-22467, SHEETS 1 & 2 SHOWING SAMPLE APPLICATION, RECOMMENDED MIN CLEARANCES, ETC IN ANY CASE THE REQUIREMENTS OF THE LATEST EDITION OF THE NATIONAL ELECTRICAL SAFETY CODE SHALL BE MET

BETWEEN SUBSTATION HARRIMAN & SUBSTATION ROCKWOOD

HARRIMAN UTILITY BOARD

TO THE TENNESSEE VALLEY AUTHORITY

CONSTRUCTION DATA FOR THE PROPOSED 15.2 KV CROSSING UNDER THE TVA 69 KV

NEAR HARRIMAN (TOWN) ROANE (COUNTY)

TENNESSEE (STATE), BETWEEN TVA STRS. NO 32 AND 33

DRAWN <u>RAH</u>	SUBMITTED	APPROVED	DATE <u>4-23-73</u>
TRACED			
CHECKED			
CORRECT			

CROSSING REPORTED COMPLETE
AS SHOWN

SIG DATE

ISSUE REVISION DATE SIG

17-S