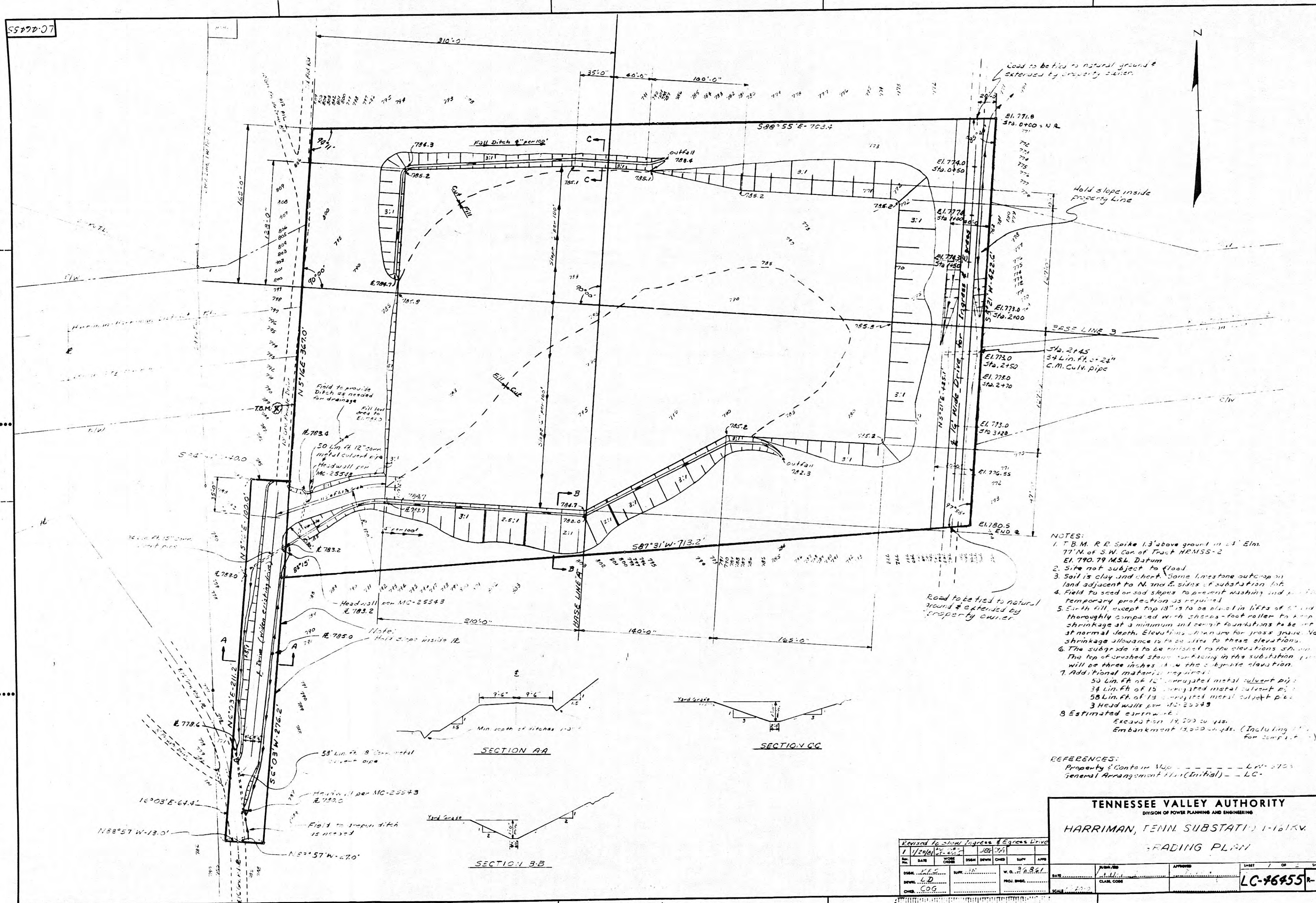


5577D-07



- NOTES:
1. T.B.M. R.R. Spike 1.3' above ground in 1' Elm. 77' N. of S.W. Cor. of Tract HRMSS-2. EL. 790.79 M.S.L. Datum
  2. Site not subject to flood
  3. Soil is clay and chert. Some limestone outcrop on land adjacent to N. and E. sides of substation lot.
  4. Field to seed on sod slopes to prevent washing and erosion. Temporary protection is required.
  5. Earth fill, except top 18" is to be placed in lifts of 6" and thoroughly compacted with sheeps-foot roller to a min shrinkage at 3 minimum and permit foundations to be set at normal depth. Elevations shown are for grass grade. No shrinkage allowance is to be used to these elevations.
  6. The subgrade is to be compacted to the elevations shown. The top of crushed stone surfacing in the substation yard will be three inches above the subgrade elevation.
  7. Additional materials required:  
 50 Lin. ft. of 12" corrugated metal culvert pipe  
 34 Lin. ft. of 15" corrugated metal culvert pipe  
 58 Lin. ft. of 18" corrugated metal culvert pipe  
 3 Head walls per MC-25543
  8. Estimated earthwork:  
 Excavation 19,500 cu. yds.  
 Embankment 13,000 cu. yds. (Including 10% for compaction)

REFERENCES:  
 Property & Contour Map - L.V. 5725  
 General Arrangement Plan (Initial) - LC

**TENNESSEE VALLEY AUTHORITY**  
 DIVISION OF POWER PLANNING AND ENGINEERING  
**HARRIMAN, TENN. SUBSTATION 1-161KV**  
**READING PLAN**

|                                          |        |             |             |      |        |    |             |      |        |
|------------------------------------------|--------|-------------|-------------|------|--------|----|-------------|------|--------|
| Revised to show progress of Egress Drive |        |             |             |      |        |    |             |      |        |
| DATE                                     | 1/2/56 | BY          | W.D. R.B.B. | DATE | 1/2/56 | BY | W.D. R.B.B. | DATE | 1/2/56 |
| CHKD.                                    | LD     | PROJ. ENGR. | W.D. R.B.B. | DATE | 1/2/56 | BY | W.D. R.B.B. | DATE | 1/2/56 |
| CHKD.                                    | COG    | PROJ. ENGR. | W.D. R.B.B. | DATE | 1/2/56 | BY | W.D. R.B.B. | DATE | 1/2/56 |

