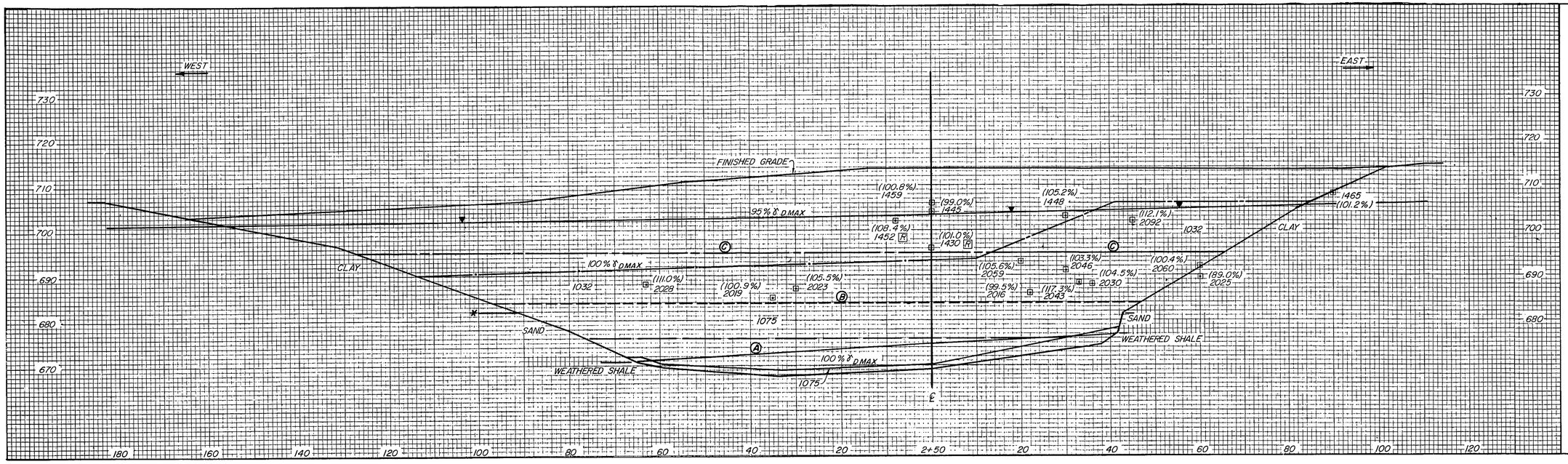
53




LEGEND

⊡ DENSITY TEST
2023 TEST NUMBER
(105.5%) % MAXIMUM DRY DENSITY ASTM D698 OR % RELATIVE DENSITY ASTM D2049

▼ WATER TABLE

Ⓐ POTENTIAL FAILURE PLANE

MATERIAL INTERFACES ——

——— 1075 CRUSHED STONE AND 100% γD MAX FILL

— — — 1075 AND 1032 CRUSHED STONE

——•—— 1032 CRUSHED STONE AND 100% γD MAX FILL

——— — 100% γD MAX AND 95% γD MAX FILL

——— — 1032 CRUSHED STONE AND 95% γD MAX FILL

———✱ ASSUMED INTERFACE

**ADDED BY AMENDMENT 59**

| | | | |
|---|---|---|---|
| 59 | ADD | | |
| 58 | REVISED | | |
| 57 | REVISED | | |
| 56 | REVISED | | |
| 55 | REVISED | | |
| 54 | REVISED | | |
| 53 | REVISED | | |
| 52 | REVISED | | |
| 51 | REVISED | | |
| 50 | REVISED | | |
| 49 | REVISED | | |
| 48 | REVISED | | |
| 47 | REVISED | | |
| 46 | REVISED | | |
| 45 | REVISED | | |
| 44 | REVISED | | |
| 43 | REVISED | | |
| 42 | REVISED | | |
| 41 | REVISED | | |
| 40 | REVISED | | |
| 39 | REVISED | | |
| 38 | REVISED | | |
| 37 | REVISED | | |
| 36 | REVISED | | |
| 35 | REVISED | | |
| 34 | REVISED | | |
| 33 | REVISED | | |
| 32 | REVISED | | |
| 31 | REVISED | | |
| 30 | REVISED | | |
| 29 | REVISED | | |
| 28 | REVISED | | |
| 27 | REVISED | | |
| 26 | REVISED | | |
| 25 | REVISED | | |
| 24 | REVISED | | |
| 23 | REVISED | | |
| 22 | REVISED | | |
| 21 | REVISED | | |
| 20 | REVISED | | |
| 19 | REVISED | | |
| 18 | REVISED | | |
| 17 | REVISED | | |
| 16 | REVISED | | |
| 15 | REVISED | | |
| 14 | REVISED | | |
| 13 | REVISED | | |
| 12 | REVISED | | |
| 11 | REVISED | | |
| 10 | REVISED | | |
| 9 | REVISED | | |
| 8 | REVISED | | |
| 7 | REVISED | | |
| 6 | REVISED | | |
| 5 | REVISED | | |
| 4 | REVISED | | |
| 3 | REVISED | | |
| 2 | REVISED | | |
| 1 | REVISED | | |

YARD

UNDERGROUND BARRIER
TRENCH B
STA 2+50

WATTS BAR NUCLEAR PLANT
TENNESSEE VALLEY AUTHORITY
DIVISION OF CONSTRUCTION DESIGN

| SUBMITTED | RECOMMENDED | APPROVED |
|---|---|---|
| KNOXVILLE | | FSAR 2.5-603 |