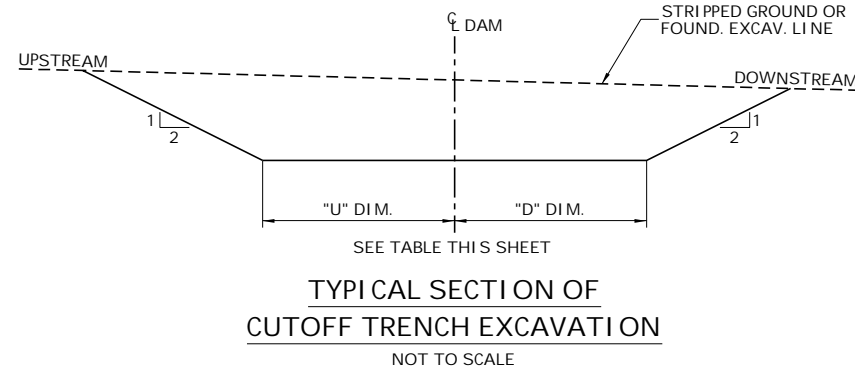


CONSTRUCTION DETAILS

1. Cutoff Trench excavation limits shown are approximate and will be adjusted by the Engineer in accordance with the conditions encountered.
2. Any part of the foundation for the dam which is steeper than 1:1 slope shall be shaped by excavating to obtain a 1:1 slope or flatter.
3. Preparation, cleaning and treatment of foundation rock surfaces shall conform to the provisions of Construction Specification 63, and the details shown on sheet 11 of these plans.
4. Logs of Test Holes and Drill Holes are shown on sheets 52 through 55.



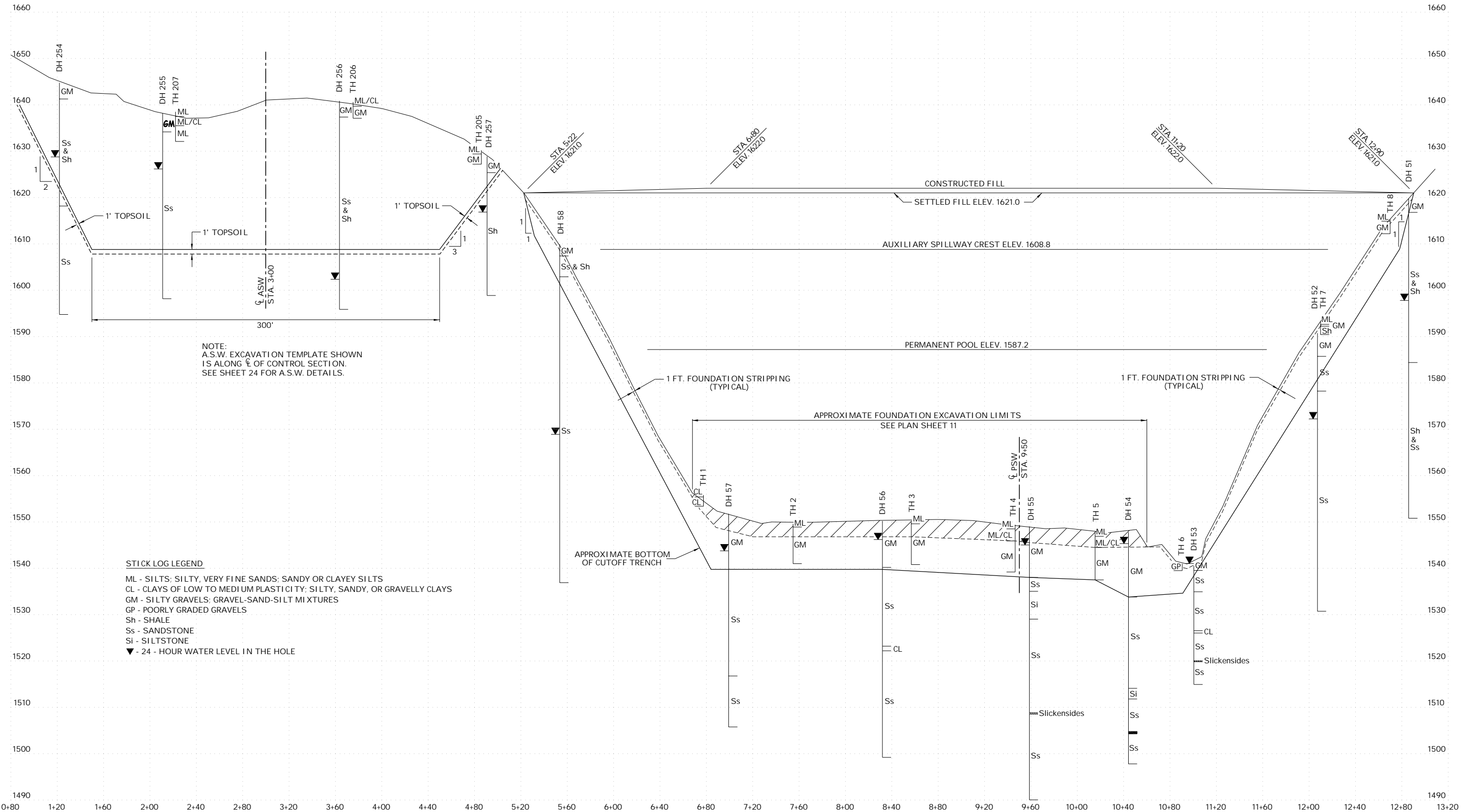
CUTOFF TRENCH EXCAVATION DATA

STATION	"U" DIM.	"D" DIM.
5+22 to 6+00	7'	12'
6+00 to 7+00	Trans.	Trans.
7+00 to 10+40	18'	23'
10+40 to 10+80	Trans.	Trans.
10+80 to 11+00	23'	28'
11+00 to 11+80	Trans.	Trans.
11+80 to 12+90	7'	12'

MINIMUM EMBANKMENT ELEVATION TO PREVENT OVERTOPPING

STORM FREQ.	ELEVATION
1 yr.	1558.3
2 yr.	1565.1
5 yr.	1575.6
10 yr.	1583.5
25 yr.	1587.3

Elevations are based on routing a 24 hour duration storm with a Type 1 distribution through the principal spillway system assuming the riser is in place and the 36 inch dia. pond drain gate is open.



STICK LOG LEGEND

- ML - SILTS; SILTY, VERY FINE SANDS; SANDY OR CLAYEY SILTS
- CL - CLAYS OF LOW TO MEDIUM PLASTICITY; SILTY, SANDY, OR GRAVELLY CLAYS
- GM - SILTY GRAVELS; GRAVEL-SAND-SILT MIXTURES
- GP - POORLY GRADED GRAVELS
- Sh - SHALE
- Ss - SANDSTONE
- Si - SILTSTONE
- ▼ - 24 - HOUR WATER LEVEL IN THE HOLE

Date: 6/2001
 Designed: F. CHANNELL
 Drawn: T. SITES
 Checked:
 Approved:

LOST RIVER SUB-WATERSHED
 OF THE POTOMAC RIVER WATERSHED PROJECT
 MULTIPLE PURPOSE DAM NO. 10
 HARDY COUNTY, WEST VIRGINIA
 PROFILE ALONG CENTERLINE OF DAM



File No.
 Drawing No.
 Sheet 10 of 55