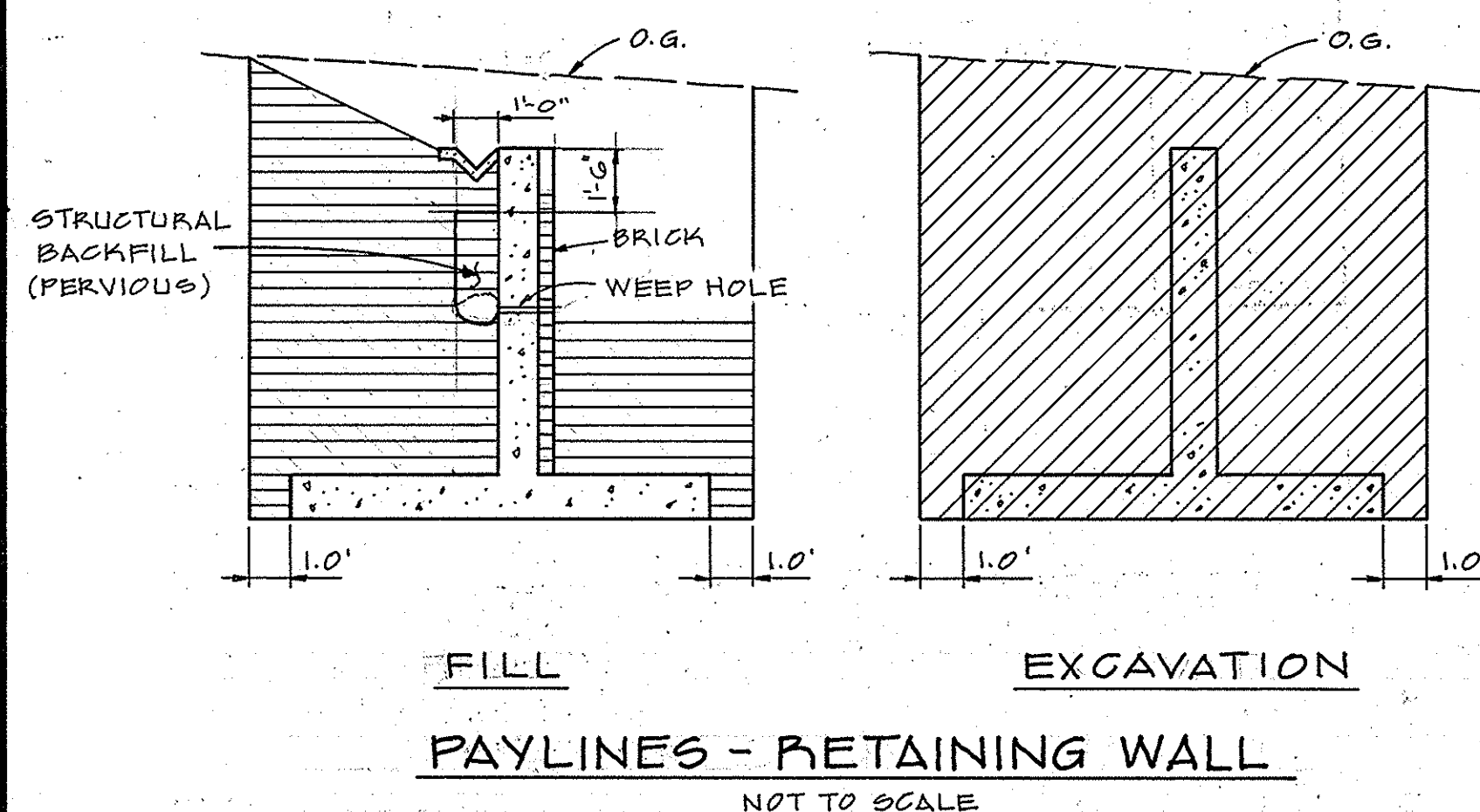
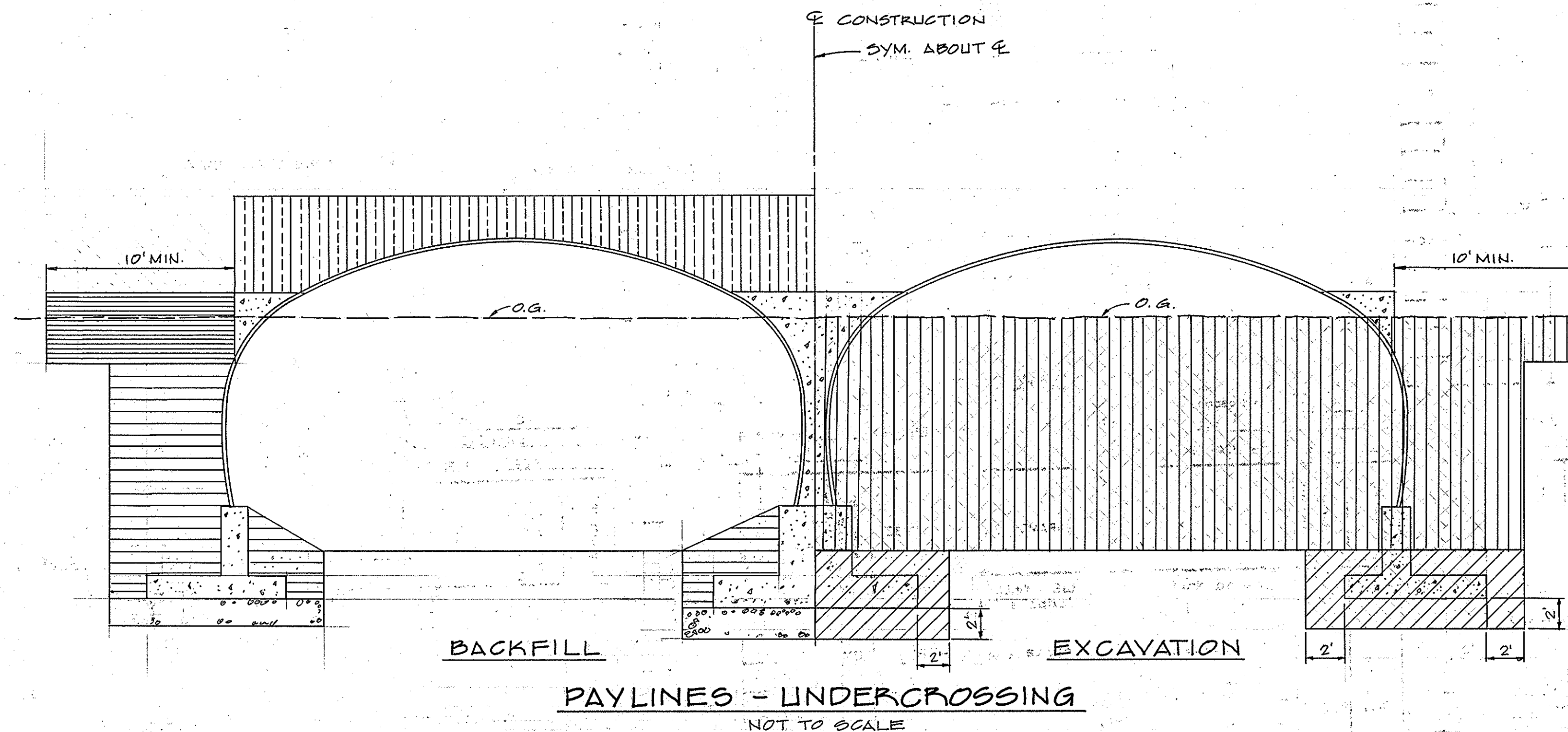


# BORING LOG

BORING NO. 5, 8" HSA  
 W.O. 101031

Logged by DA  
 DATE 2/15/82  
 SURFACE EL. 338

| Depth ft.                     | SAMPLE | BLOWS/ft.   | GROUP | SYB. | DESCRIPTION and REMARKS                                                                                        | Unit Dry Wt. (lb/cu.ft.) | % Moisture |
|-------------------------------|--------|-------------|-------|------|----------------------------------------------------------------------------------------------------------------|--------------------------|------------|
| 0                             |        |             |       |      | ARTIFICIAL FILL: Sandy gravel, gray, moist medium dense                                                        |                          |            |
|                               |        |             |       | SM   | ALLUVIUM (Qal): Silty sand, brown, moist, medium dense                                                         |                          |            |
|                               |        |             |       | ML   | Clayey silt with sand, brown, moist, firm                                                                      | 109.6                    | 13.8       |
| 5                             | R      | 6           |       |      |                                                                                                                |                          |            |
|                               |        |             |       | SC   | Clayey sand, brown, moist, dense, occasional silty sand zones                                                  | 104.0                    | 12.0       |
| 10                            | R      | 11          |       |      |                                                                                                                |                          |            |
|                               |        |             |       |      | Becomes coarse @ 14.0 ft.<br>@ 15.0 ft. gravel and cobbles                                                     |                          |            |
| 15                            | SPT    |             |       | CL   | Sandy clay, brown, moist, stiff                                                                                |                          |            |
| 20                            | R      | 120/9"      |       | SM   | Silty sand, tan, damp, dense                                                                                   | 89.0                     | 25.8       |
|                               |        |             |       |      | PUENTE FORMATION - SYCAMORE CANYON MEMBER (Tpsc): Clayey siltstone, gray, damp, friable, micaceous, very stiff |                          |            |
| 25                            | R      | 120/11 3/4" |       |      |                                                                                                                | 89.1                     | 17.4       |
| TOTAL DEPTH 25.0 ft. No Water |        |             |       |      |                                                                                                                |                          |            |



## PAYLINE LEGEND

- UNCLASSIFIED EXCAVATION
- STRUCTURAL EXCAVATION
- STRUCTURAL BACKFILL 90% RELATIVE COMPACTION
- STRUCTURAL BACKFILL 95% RELATIVE COMPACTION
- LEAN CONCRETE BASE
- 1" CRUSHED ROCK

1 1/2 0 1 2  
 3 inches on original drawing

|                                                         |              |             |                                                     |
|---------------------------------------------------------|--------------|-------------|-----------------------------------------------------|
| ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY           |              |             |                                                     |
| WEIR CANYON ROAD UNDERCROSSING SOIL BORING AND PAYLINES |              |             |                                                     |
| MARK                                                    | DATE         | DESCRIPTION | PREPARED UNDER SUPERVISION OF <i>John W. Palmer</i> |
| REVISIONS                                               |              |             | DATE                                                |
| DESIGNED                                                | P.S.E., INC. | B.A.B.      | SCALE                                               |
| DRAWN                                                   | B.Y.I.       | CHECKED     | J.W.P.                                              |
| AS SHOWN                                                |              |             | DATE                                                |
| DWG. NO.                                                |              |             | SHEET                                               |
| U-7                                                     |              |             |                                                     |