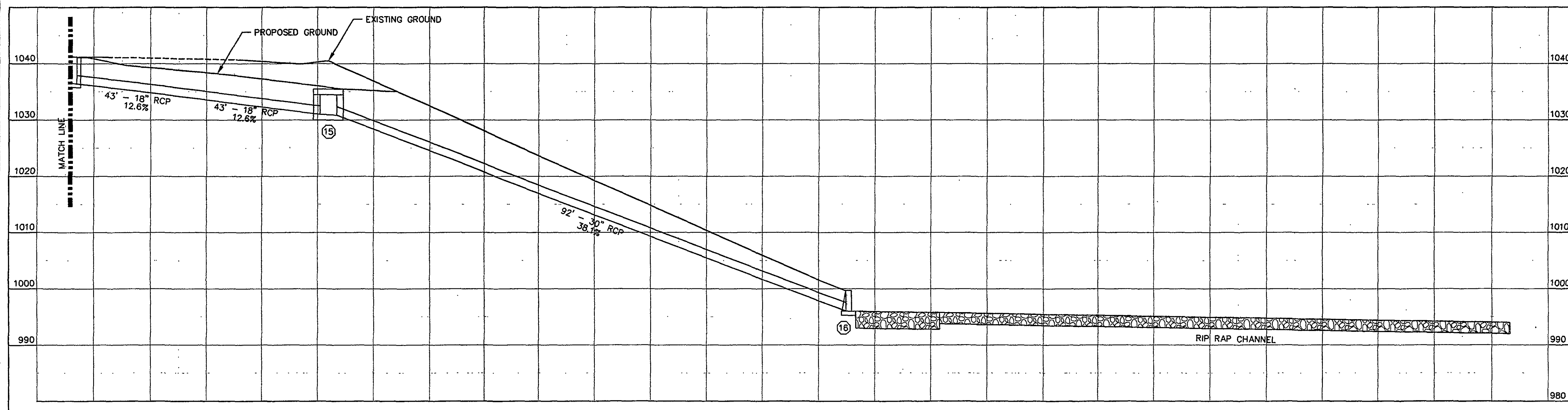
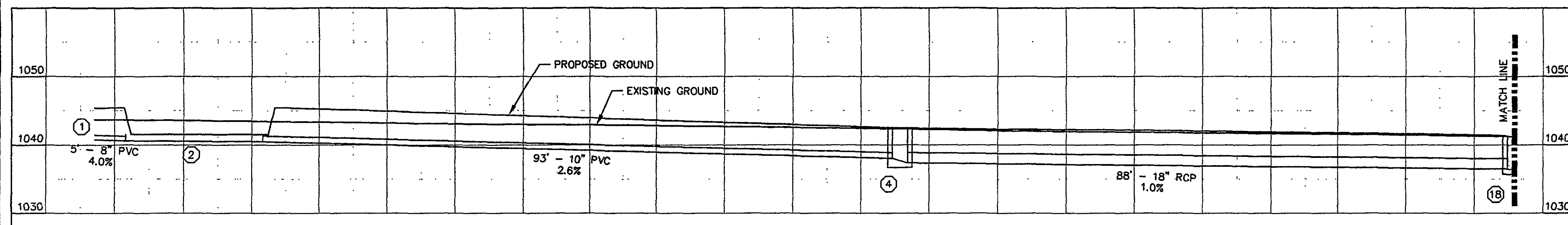
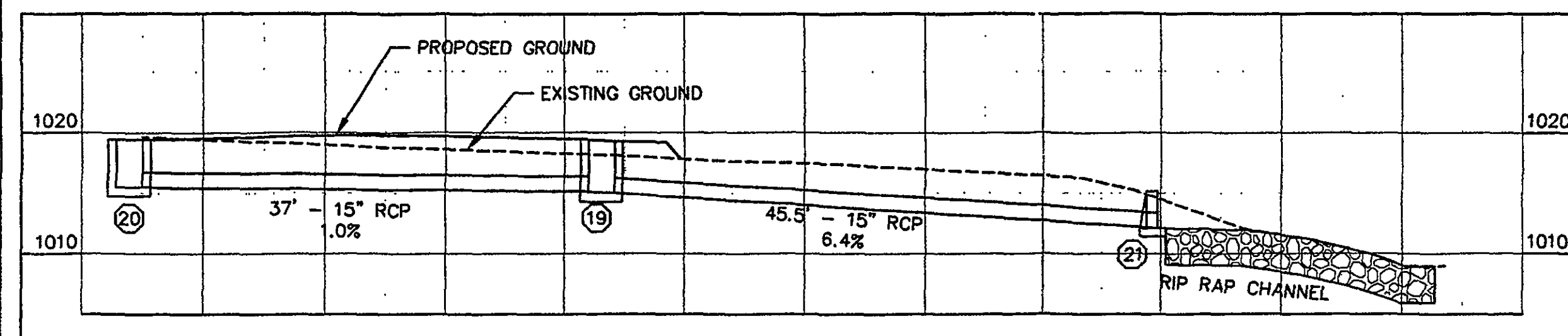
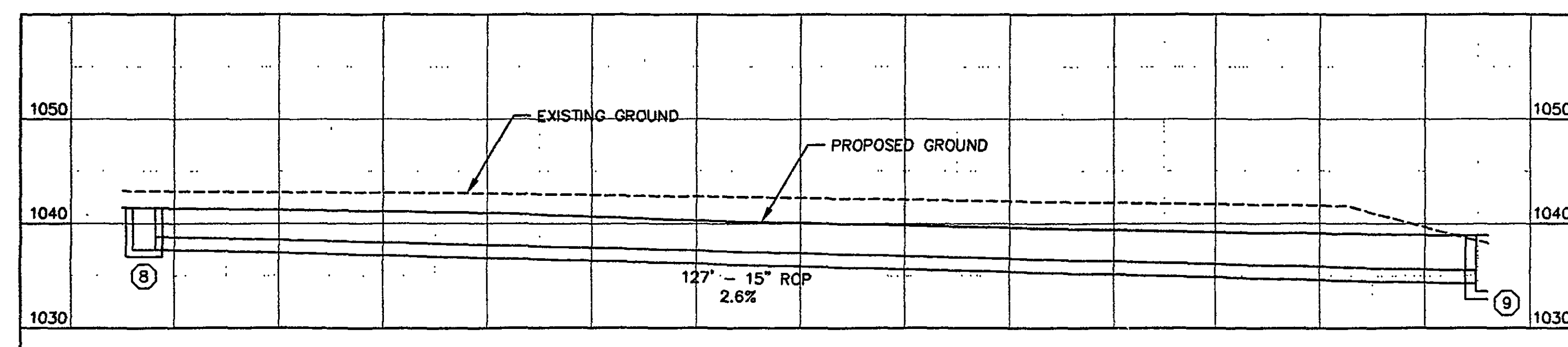
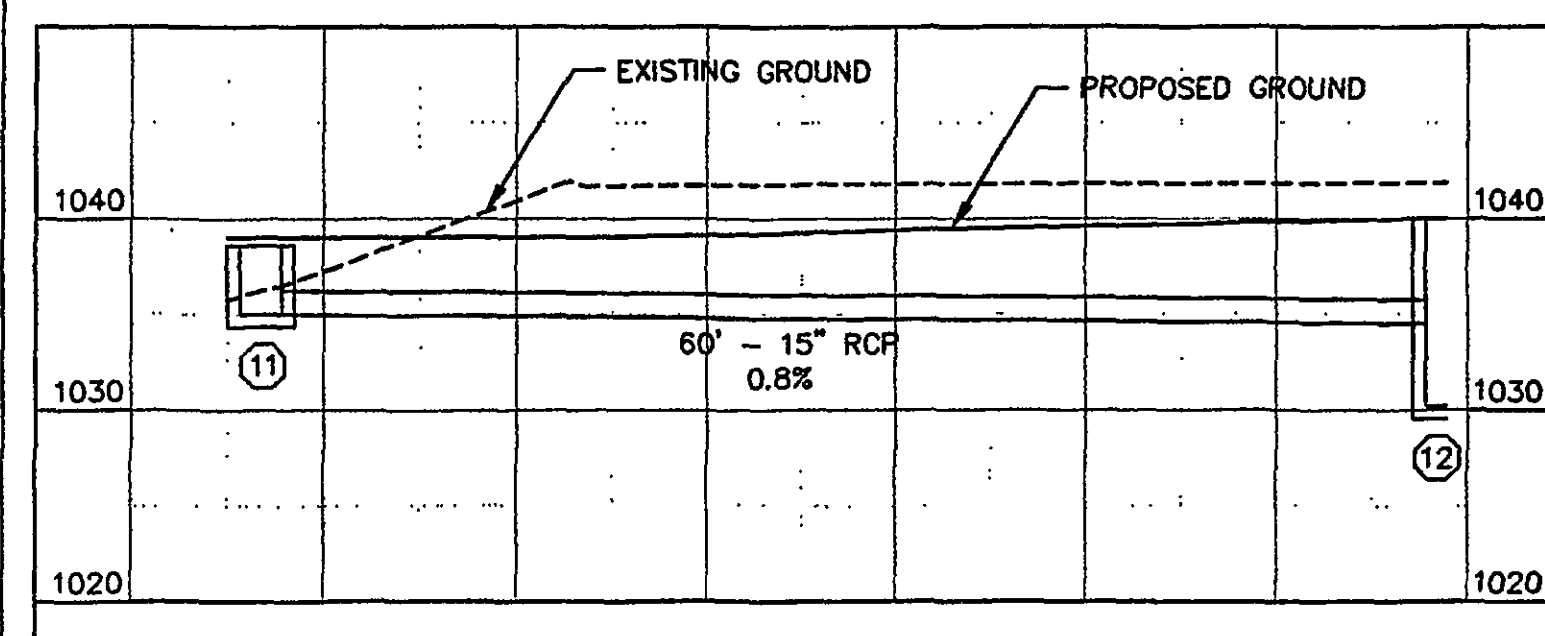
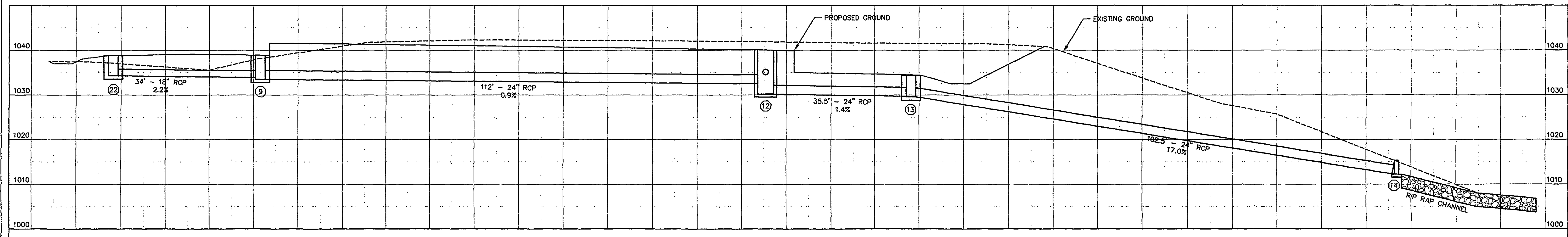
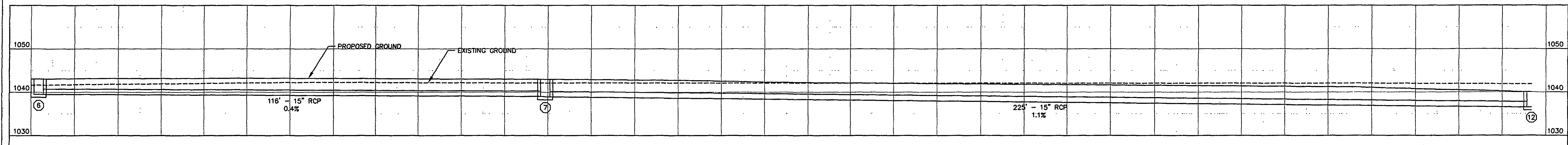
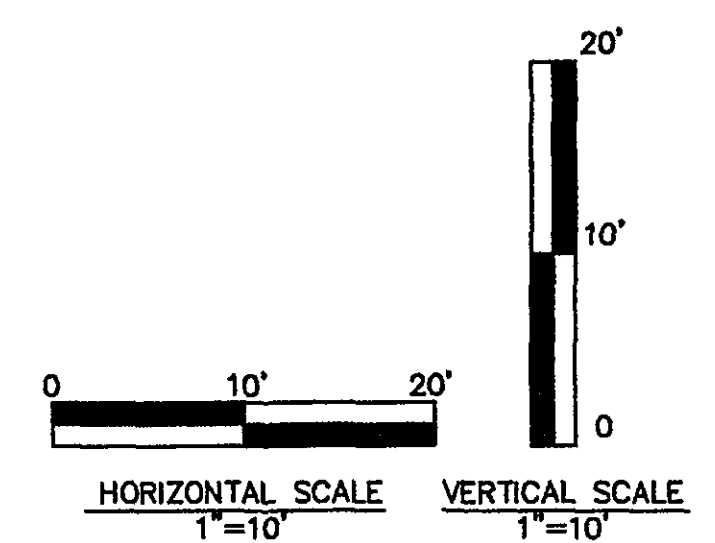
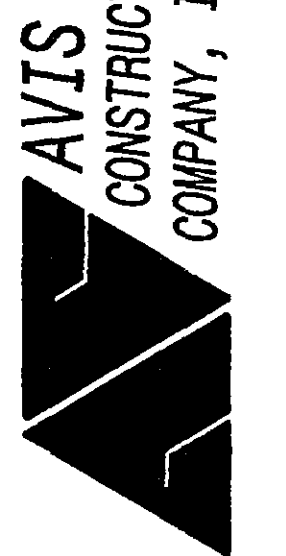




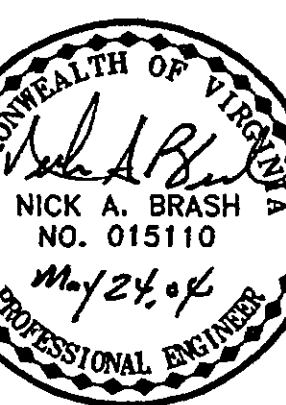
| STORM DRAINAGE FEATURES |              |           |            |                         |                   |                                                          |
|-------------------------|--------------|-----------|------------|-------------------------|-------------------|----------------------------------------------------------|
| NUMBER                  | TYPE         | NORTHING  | EASTING    | RIM OR GUTTER ELEVATION | INVERT ELEVATION  | REMARKS                                                  |
| 1                       | INLINE DRAIN | 3637755.7 | 11072985.1 | 1045.40                 | 1040.80           | CONNECT ROOF DRAIN, NYLOPLAST INLINE DRAIN               |
| 2                       | TRENCH DRAIN | 3637743.5 | 11072992.9 | 1041.70                 | 1040.60 (FROM 1)  | NDS #843 12" x 20" PRO SERIES DEEP PROFILE               |
|                         |              |           |            |                         | 1040.50 (TO 4)    | CHANNEL OR COMPARABLE MODULAR CHANNEL DRAIN              |
|                         |              |           |            |                         |                   | NDS #845 12" x 20" PRO SERIES CAST IRON CHANNEL GRATE OR |
|                         |              |           |            |                         |                   | COMPARABLE HEAVY-DUTY MODULAR CHANNEL DRAIN GRATE        |
| 3                       | DELETED      |           |            |                         |                   |                                                          |
| 4                       | DI-2A        | 3637645.0 | 11072980.3 | 1042.50                 | 1038.05 (FROM 2)  |                                                          |
|                         |              |           |            |                         | 1037.39 (TO 18)   |                                                          |
| 5                       | DELETED      |           |            |                         |                   |                                                          |
| 6                       | DI-2A        | 3637636.9 | 11073230.3 | 1043.1                  | 1039.50           |                                                          |
| 7                       | DI-2A        | 3637699.0 | 11073329.5 | 1042.90                 | 1039.00 (FROM 6)  |                                                          |
|                         |              |           |            |                         | 1038.90 (TO 12)   |                                                          |
| 8                       | DI-1         | 3637886.5 | 11073380.3 | 1041.70                 | 1037.50           | CONNECT ROOF DRAIN                                       |
| 9                       | DI-1         | 3637933.2 | 11073499.9 | 1038.80                 | 1034.25 (FROM 8)  |                                                          |
|                         |              |           |            |                         | 1033.92 (FROM 22) |                                                          |
|                         |              |           |            |                         | 1033.50 (TO 12)   |                                                          |
| 10                      | DELETED      |           |            |                         |                   |                                                          |
| 11                      | DI-2A        | 3637865.2 | 11073565.6 | 1038.60                 | 1035.00           |                                                          |
| 12                      | DI-2AA       | 3637821.6 | 11073521.7 | 1040.00                 | 1036.50 (FROM 7)  |                                                          |
|                         |              |           |            |                         | 1034.50 (FROM 11) |                                                          |
|                         |              |           |            |                         | 1032.50 (FROM 9)  |                                                          |
|                         |              |           |            |                         | 1030.20 (TO 13)   |                                                          |
| 13                      | DI-3B        | 3637784.6 | 11073545.4 | 1034.50                 | 1029.69 (FROM 12) |                                                          |
|                         |              |           |            |                         | 1029.59 (TO 14)   |                                                          |
|                         |              |           |            |                         | 1012.20           |                                                          |
| 14                      | EW-1         | 3637702.8 | 11073597.7 |                         |                   |                                                          |
| 15                      | DI-5         | 3637518.8 | 11073029.3 | 1034.50                 | 1031.00 (FROM 18) |                                                          |
|                         |              |           |            |                         | 1030.90 (TO 16)   |                                                          |
| 16                      | EW-1         | 3637433.9 | 11073067.2 |                         | 996.00            |                                                          |
| 17                      | DELETED      |           |            |                         |                   |                                                          |
| 18                      | DI-3B        | 3637557.8 | 11073006.3 | 1041.1                  | 1036.51 (FROM 4)  |                                                          |
|                         |              |           |            |                         | 1036.41 (TO 15)   |                                                          |
| 19                      | DI-3B        | 3637714.3 | 11073732.7 | 1019.8                  | 1015.13 (FROM 20) |                                                          |
|                         |              |           |            |                         | 1015.03 (TO 21)   |                                                          |
| 20                      | DI-3B        | 3637740.9 | 11073761.2 | 1019.6                  | 1015.50           |                                                          |
| 21                      | EW-1         | 3637710.0 | 11073686.1 |                         | 1012.12           |                                                          |
| 22                      | DI-3B        | 3637968.3 | 11073505.1 | 1038.8                  | 1034.39 (FROM 10) |                                                          |
|                         |              |           |            |                         | 1034.29 (TO 9)    |                                                          |



521 Rutherford Avenue  
Roanoke, Virginia 24016  
(540) 982-3558  
Fax (540) 982-2643



**SEMCO INC.**  
**NEW MANUFACTURING FACILITY**  
ROANOKE, VIRGINIA



**L.A. Gates**  
Company  
ENGINEERS & CONSULTANTS  
ROANOKE, VA 24011  
306 MARKET STREET, SE  
ROANOKE, VA 24011  
PHONE (540) 942-8423  
FAX (540) 942-8425

SHEET TITLE

**STORM DRAINAGE PROFILES**

DESIGNED NAB  
DRAWN RLM  
PROJECT NUMBER 04.001  
DATE MAY 24, 2004  
CADD-FILE

SHEET  
**C-10**