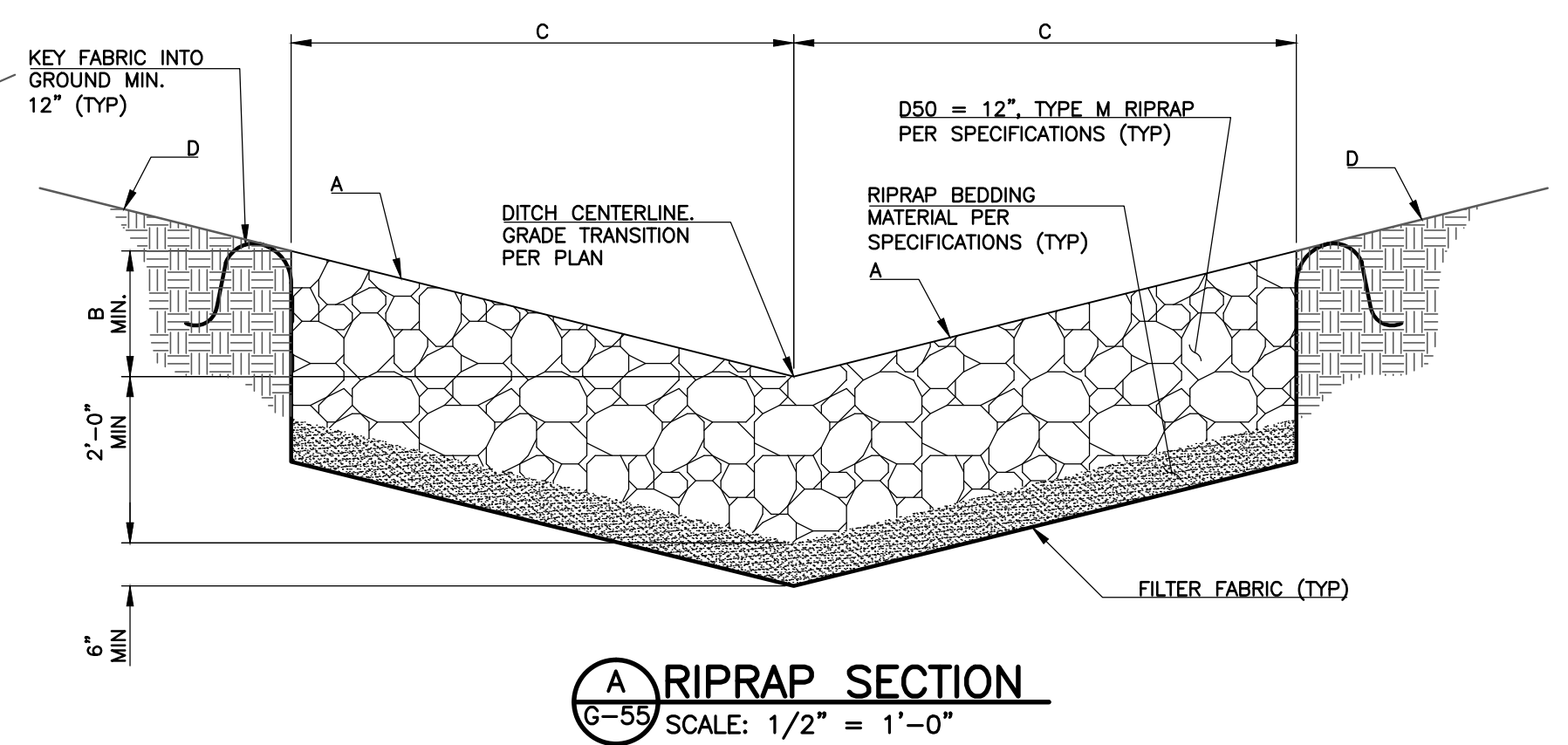
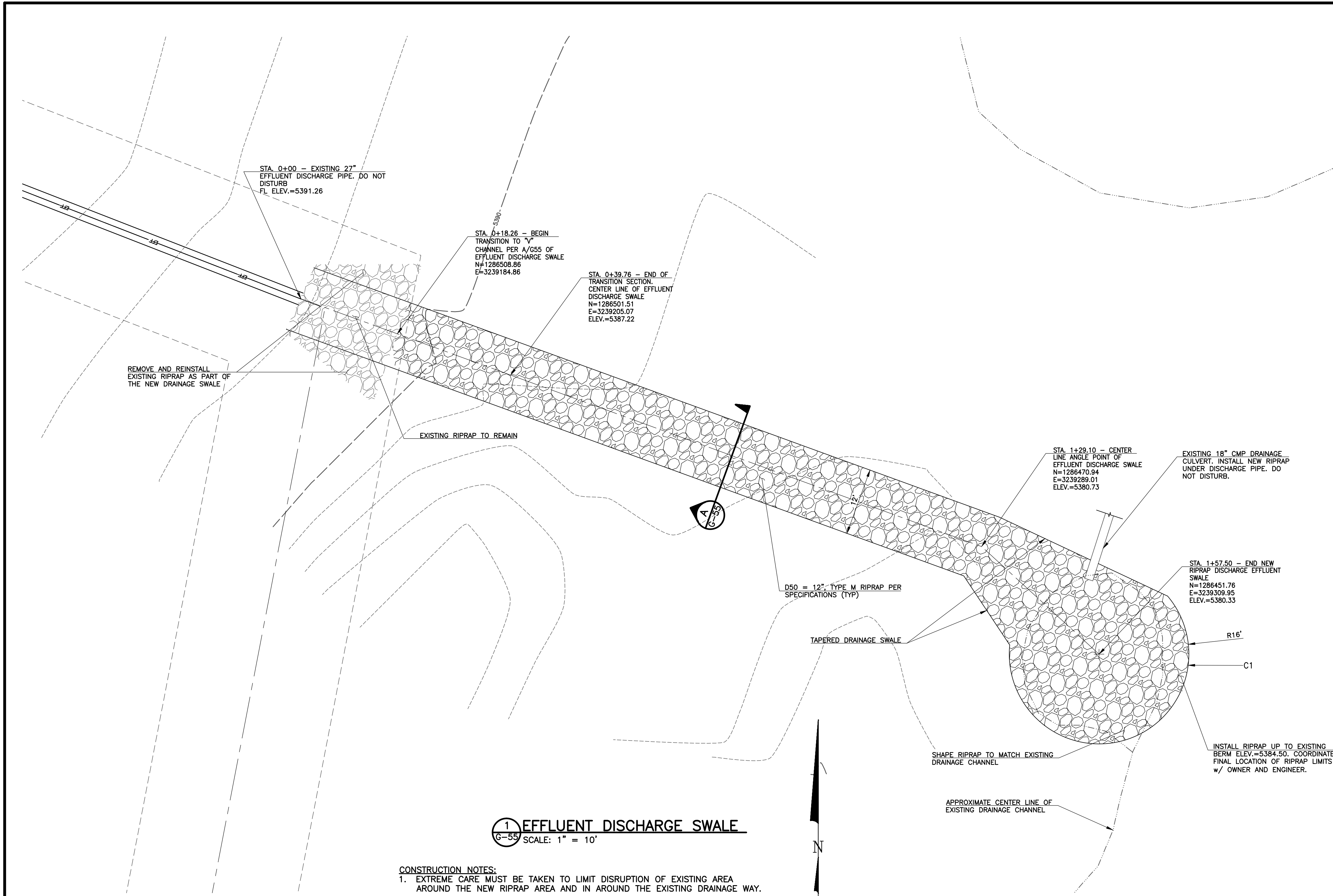




NOTE:  
1. DETAILED DIMENSIONS ARE AS FOLLOWS:  
EFFLUENT DISCHARGE SWALE "A" 3:1  
EFFLUENT DISCHARGE SWALE "B" 3:1  
EFFLUENT DISCHARGE SWALE "C" 2'-0" (MATCH EXISTING)  
EFFLUENT DISCHARGE SWALE "D" 6'-0" (MATCH EXISTING)

| CURVE TABLE |              |        |        |        |                              |                              |
|-------------|--------------|--------|--------|--------|------------------------------|------------------------------|
| CURVE       | DELTA        | LENGTH | RADIUS | CHORD  | PC                           | PT                           |
| C1          | 226° 19' 44" | 63.20' | 16.00' | 29.42' | N=1286453.40<br>E=3239294.03 | N=1286462.13<br>E=3239322.12 |

**1 EFFLUENT DISCHARGE SWALE**  
SCALE: 1" = 10'

**CONSTRUCTION NOTES:**  
1. EXTREME CARE MUST BE TAKEN TO LIMIT DISRUPTION OF EXISTING AREA AROUND THE NEW RIPRAP AREA AND IN AROUND THE EXISTING DRAINAGE WAY.  
2. APPROXIMATE AREA OF ADDITIONAL RIPRAP = 259 S.Y.

| REVISIONS |            |                         | THIS DRAWING IS THE PROPERTY OF GMS, INC., AND IS NOT TO BE RE-PRODUCED, MODIFIED OR USED FOR ANY OTHER PROJECT OR EXTENSION OF THIS PROJECT EXCEPT BY AGREEMENT WITH THIS COMPANY. | <b>EFFLUENT DISCHARGE SWALE</b><br>HAROLD D. THOMPSON REGIONAL WATER RECLAMATION FACILITY<br>LOWER FOUNTAIN METROPOLITAN SEWAGE DISPOSAL DISTRICT |  |  |
|-----------|------------|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| NO.       | DATE       | DESCRIPTION             |                                                                                                                                                                                     |                                                                                                                                                   |  |  |
| 1         | 06/24/2013 | ISSUED FOR CONSTRUCTION |                                                                                                                                                                                     |                                                                                                                                                   |  |  |
|           |            |                         |                                                                                                                                                                                     |                                                                                                                                                   |  |  |
|           |            |                         |                                                                                                                                                                                     |                                                                                                                                                   |  |  |
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|           |            |                         |                                                                                                                                                                                     |                                                                                                                                                   |  |  |
|           |            |                         | DRAWN: MAL<br>DESIGNED: DRF<br>CHECKED: RJS<br>DATE: 2013<br>PROJECT NO. 20166.325<br>GMS FILE NO. 2599                                                                             | GMS, INC.<br>CONSULTING ENGINEERS<br>611 N. WEBER, SUITE 300<br>COLORADO SPRINGS, COLORADO 80903                                                  |  |  |
|           |            |                         |                                                                                                                                                                                     |                                                                                                                                                   |  |  |
|           |            |                         |                                                                                                                                                                                     |                                                                                                                                                   |  |  |
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|           |            |                         | SHEET<br><b>G-55</b><br>OF<br>—                                                                                                                                                     |                                                                                                                                                   |  |  |

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