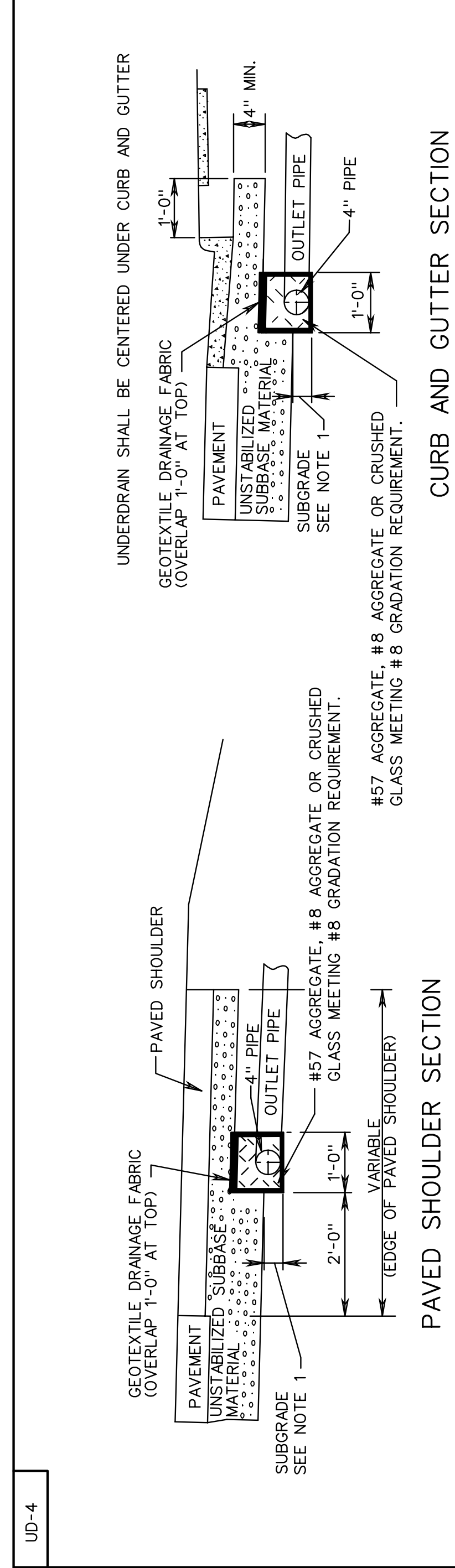


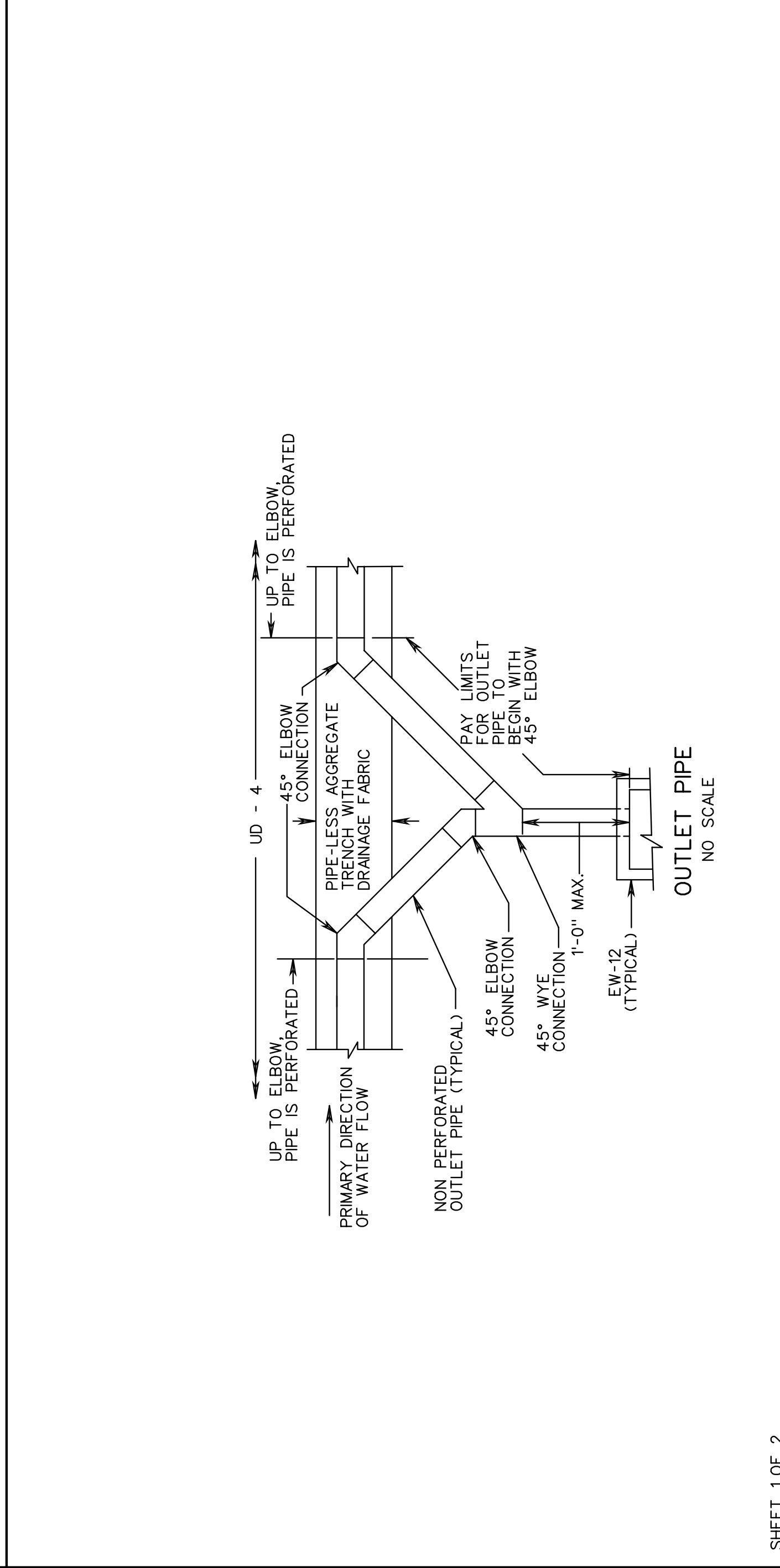
SURVEYED BY \_\_\_\_\_  
SUPERVISED BY \_\_\_\_\_  
DESIGNED BY \_\_\_\_\_

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

| REVISED | STATE | FEDERAL AID |       | STATE   |         | SHEET NO. |
|---------|-------|-------------|-------|---------|---------|-----------|
|         |       | PROJECT     | ROUTE | PROJECT | PROJECT |           |
|         | VA.   |             |       |         |         |           |



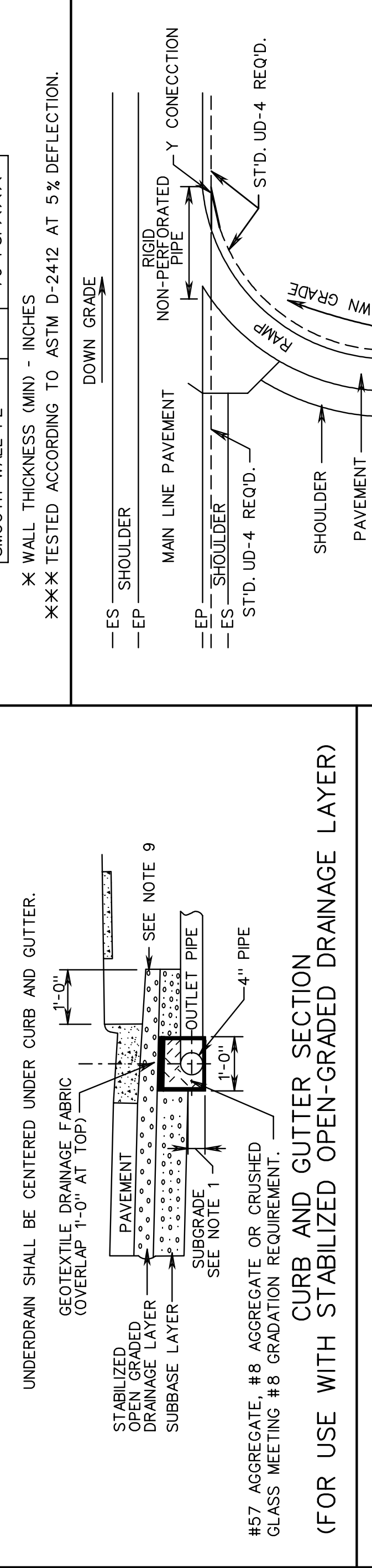
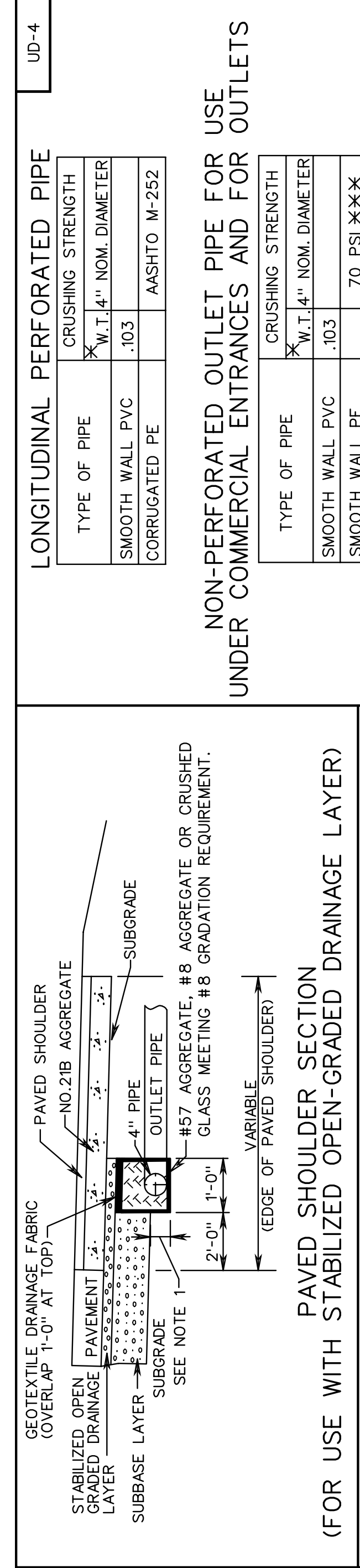
**CURB AND GUTTER SECTION**



SHEET 1 OF 2

**STANDARD PAVEMENT EDGEDRAIN**  
VIRGINIA DEPARTMENT OF TRANSPORTATION

| SPECIFICATION REFERENCE |
|-------------------------|
| 240                     |
| 258                     |
| 501                     |
| 701                     |



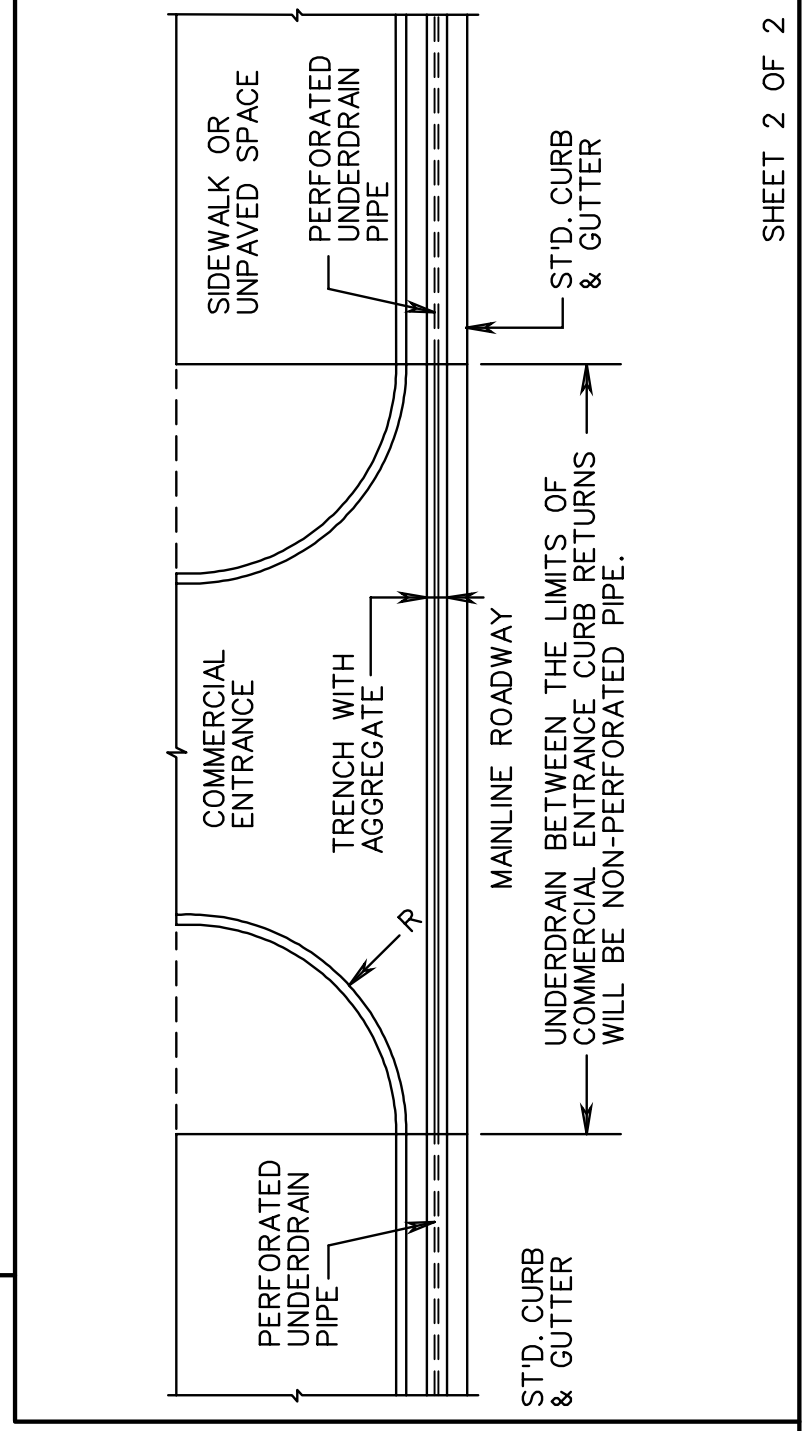
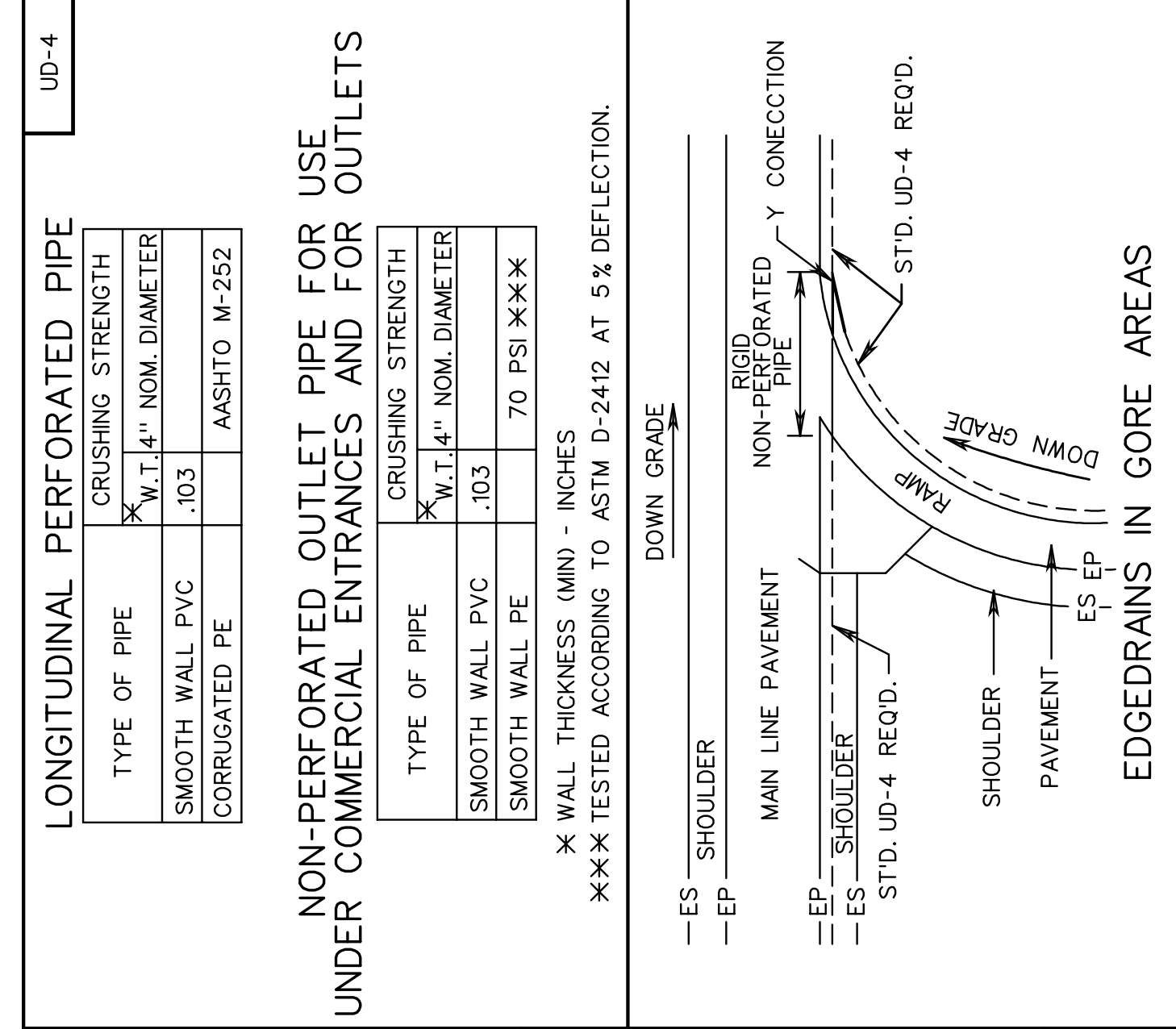
- NOTES:**
- 4" MINIMUM, PROVIDED ATTAINING MINIMUM 4" OF AGGREGATE ON TOP OF PIPE.
  - WHEN THE LONGITUDINAL PIPE CONNECTS DIRECTLY INTO A DRAINAGE STRUCTURE (DROP INLET, MANHOLE, ETC.), NON-PERFORATED OUTLET PIPES ARE NOT REQUIRED.
  - INVERT ELEVATION AT OUTLET END OF OUTLET PIPE TO BE A MINIMUM OF 1'-0" ABOVE INVERT ELEVATION OF RECEIVING DRAINAGE DITCH OR STRUCTURE.
  - ALL CONNECTIONS (ELBOWS, WYES, ETC.) WITHIN PAY LIMITS FOR OUTLET PIPE ARE TO BE OF THE SAME CRUSHING STRENGTH AS THE OUTLET PIPE.
  - OUTLET PIPES ARE TO BE INSTALLED ON 2% MIN. (3% DESIRABLE) GRADE AND LOCATED EVERY 350' MAXIMUM OR AS NOTED ON PLANS.
  - OUTLET PIPE TO BE SECURELY CONNECTED TO EW-12 OR OTHER DRAINAGE STRUCTURE.
  - WITHIN THE LIMITS OF A COMMERCIAL ENTRANCE, NON-PERFORATED PIPE SHALL BE UTILIZED IN LIEU OF PERFORATED PIPE.
  - THE LENGTH OF PIPE BETWEEN THE WYE CONNECTION AND THE EW-12 SHALL BE LIMITED TO NO MORE THAN 1'-0" TO PERMIT CAMERA INSPECTION OF THE MAIN LINE IN EITHER DIRECTION.
  - IN SITUATIONS WHEN FULL DEPTH OF STABILIZED OPEN-GRADED MATERIAL CANNOT BE MAINTAINED UNDER CURB AND GUTTER, NO. 21B AGGREGATE SHALL BE USED INSTEAD OF STABILIZED OPEN-GRADED MATERIAL. ALSO, BE USED FROM TOP OF STABILIZED OPEN-GRADED MATERIAL LAYER AND CURB AND GUTTER.

**STANDARD PAVEMENT EDGEDRAIN**  
VIRGINIA DEPARTMENT OF TRANSPORTATION

| SPECIFICATION REFERENCE |
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| 258                     |
| 501                     |
| 701                     |

SHEET 2 OF 2

REV 8/07  
108.07



**STANDARD PAVEMENT EDGEDRAIN**  
VIRGINIA DEPARTMENT OF TRANSPORTATION

| SPECIFICATION REFERENCE |
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| 240                     |
| 258                     |
| 501                     |
| 701                     |

SHEET 2 OF 2

REV 8/07  
108.07

REV 8/07  
SPECIAL DESIGN SECTION  
DRAWING NO. A-81

| PLAN NO. | PROJECT | FILE NO. | SHEET NO. |
|----------|---------|----------|-----------|
|          |         |          |           |