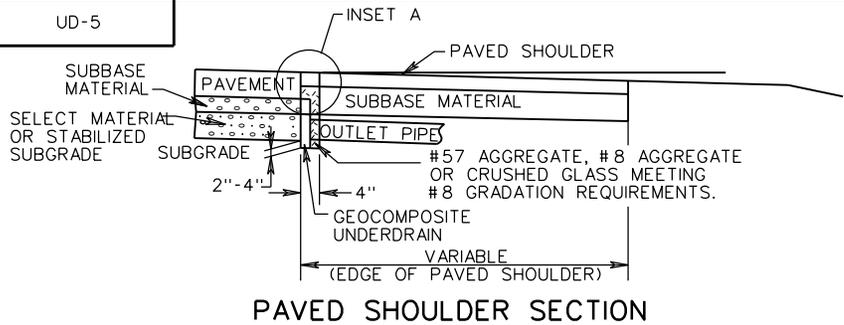
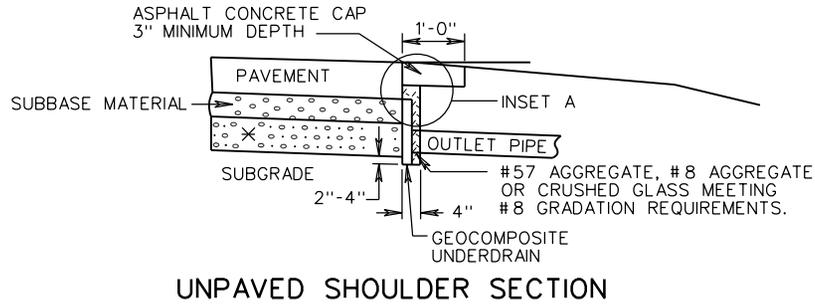
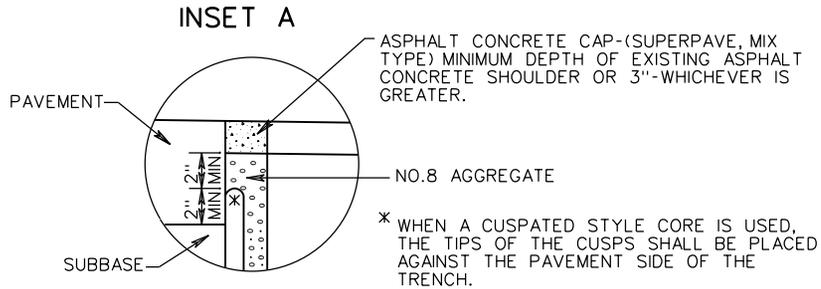


UD-5

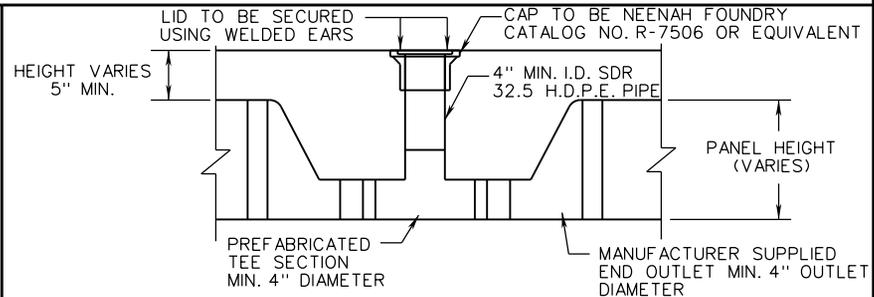


**PAVED SHOULDER SECTION**



**UNPAVED SHOULDER SECTION**

\* SELECT MATERIAL OR STABILIZED SUBGRADE MATERIAL

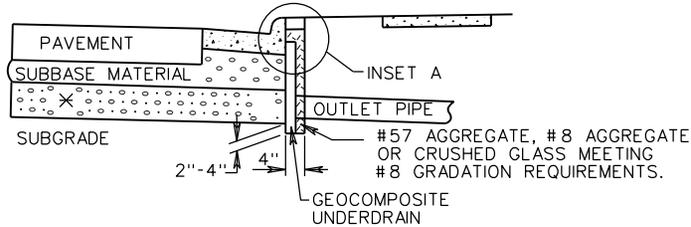


**ELEVATION VIEW**



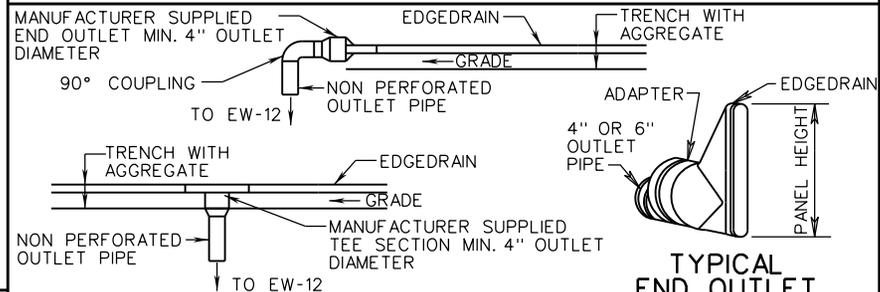
**PLAN VIEW**

**UD - 5 INSPECTION PORT**



**CURB AND GUTTER SECTION**

\* SELECT MATERIAL OR STABILIZED SUBGRADE MATERIAL



**EDGEDRAIN CONNECTION TO OUTLET PIPE**

**NON-PERFORATED OUTLET PIPE**

TYPE OF PIPE	CRUSHING STRENGTH	
	W.T. 4" NOM. DIAMETER	W.T. 6" NOM. DIAMETER
CORRUGATED ALUMINUM	0.048	
SMOOTH WALL PVC	0.153	
SMOOTH WALL PE	70 PSI ***	70 PSI ***

\* WALL THICKNESS (MIN) - INCHES  
 \*\*\* TESTED ACCORDING TO ASTM D-2412 AT 5% DEFLECTION.

**NOTES:**

1. INVERT ELEVATION AT OUTLET END OF OUTLET PIPE TO BE A MINIMUM OF 1'-0" ABOVE INVERT ELEVATION OF RECEIVING DRAINAGE DITCH OR STRUCTURE.
2. ALL CONNECTIONS (ELBOWS, WYES, ETC.) WITHIN PAY LIMITS FOR OUTLET PIPE SHALL BE OF THE SAME CRUSHING STRENGTH AS THE OUTLET PIPE.
3. OUTLET PIPES SHALL BE INSTALLED ON 2% MIN. (3% DESIRABLE) GRADE AND LOCATED EVERY 350' MAXIMUM OR AS NOTED ON PLANS.
4. OUTLET PIPE TO BE SECURELY CONNECTED TO EW-12 OR OTHER DRAINAGE STRUCTURE.
5. UD-5 INSPECTION PORTS SHALL BE LOCATED WHERE SPECIFIED ON THE PLANS.



ROAD AND BRIDGE STANDARDS

SHEET 1 OF 1

REVISION DATE

108.08

01/15

A COPY OF THE ORIGINAL SEALED AND SIGNED DRAWING IS ON FILE IN THE CENTRAL OFFICE.  
**PREFABRICATED GEOCOMPOSITE RETROFIT  
 PAVEMENT EDGEDRAIN**

VIRGINIA DEPARTMENT OF TRANSPORTATION

SPECIFICATION REFERENCE

240  
501  
701