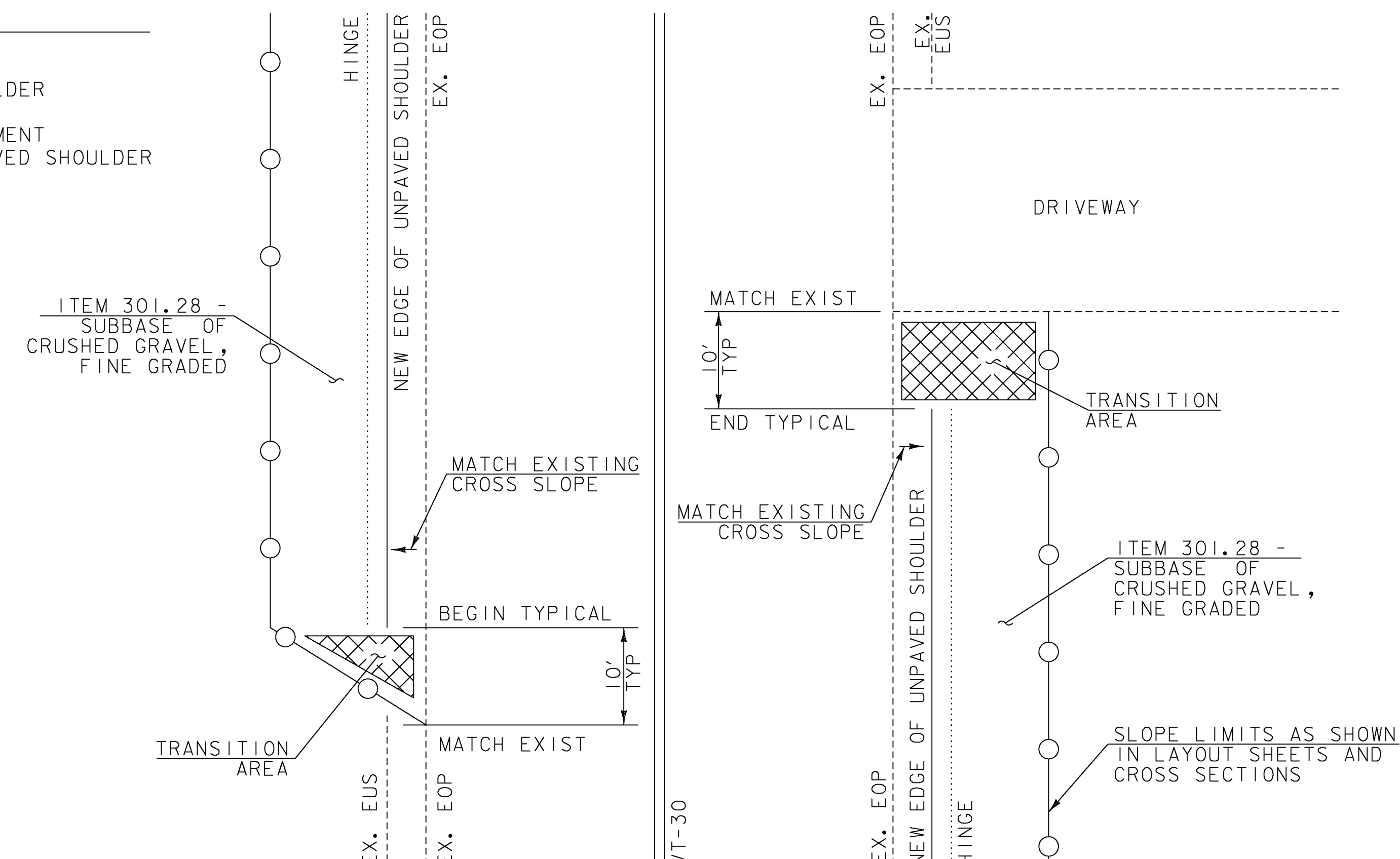




1. 12" OF STONE FILL, TYPE 1 (ITEM 613.10) SHALL BE PLACED AT ALL MODIFIED CULVERT OUTLETS. WIDTH OF OUTLET PROTECTION SHALL BE TWICE THE PIPE DIAMETER.
2. REFER TO DETAIL D1.3 FOR CULVERT COUPLING INSTALLATION.
3. EXCAVATION WITHIN LIMITS SHOWN FOR PIPE EXTENSION WILL BE PAID UNDER CONTRACT ITEM 204.20. BACKFILL MATERIAL WILL BE PAID UNDER CONTRACT ITEM 204.30.

1. CROSS SLOPE OF TRANSITION AREA WILL VARY FROM THE EXISTING GRADE AT THE MATCH AREA TO THE EXISTING CROSS SLOPE OF VT-30.
2. EXTEND THE TRANSITION AREA AS NEEDED SUCH THAT THE LONGITUDINAL SLOPE SHALL NOT EXCEED 10%.

DL.

NOT TO SCALE



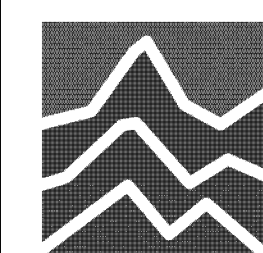
DL.2

NOT TO SCALE

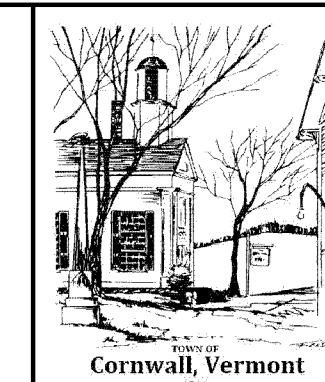
1. NEW CULVERT EXTENSIONS SHALL BE OF THE SAME MATERIAL, INSIDE DIAMETER, AND CORRUGATION PATTERN AS EXISTING CULVERT.
2. ALL EXISTING CRUSHED CULVERT ENDS SHALL BE CLEANLY CUT BACK TO AN ACCEPTABLE CONDITION AS DETERMINED BY THE ENGINEER. PAYMENT WILL BE CONSIDERED INCIDENTAL TO THE NEW PIPE ITEM.
3. CLEANLY CUT EXISTING CULVERT ENDS TO ENSURE THE CULVERT CORRUGATION PATTERN IS CONTINUOUS BETWEEN NEW AND EXISTING CULVERTS WITH A MAXIMUM GAP BETWEEN CULVERTS OF 1".
4. REFER TO DETAIL D1.1 FOR CULVERT EXTENSION INSTALLATION.
5. ALTERNATIVE CULVERT COUPLING METHODS MAY BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL.

DI.3

NO	DATE		REVISIONS	BY	CHK'D



R | S | G INC.
RESOURCE SYSTEMS GROUP, INC.



PLOT DATE: 06/09/2010
DRAWN BY: CM
CHECKED BY: MS
SHEET 57 OF 133