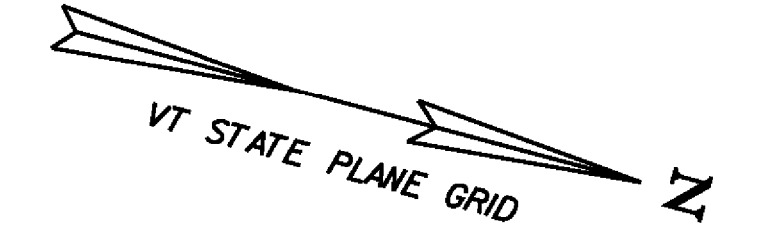


NEW DRAINAGE STRUCTURES		
STRUCTURE #	LOCATION	COMMENTS
D1415	NB 7+375.0 RT	TYPE A GRATE
D1416	NB 7+300.0 RT	TYPE A GRATE
D1417	NB 7+225.0 RT	TYPE A GRATE
D1434	NB 7+165.0 RT	TYPE A GRATE
D1435	NB 7+180.0 RT	TYPE A GRATE

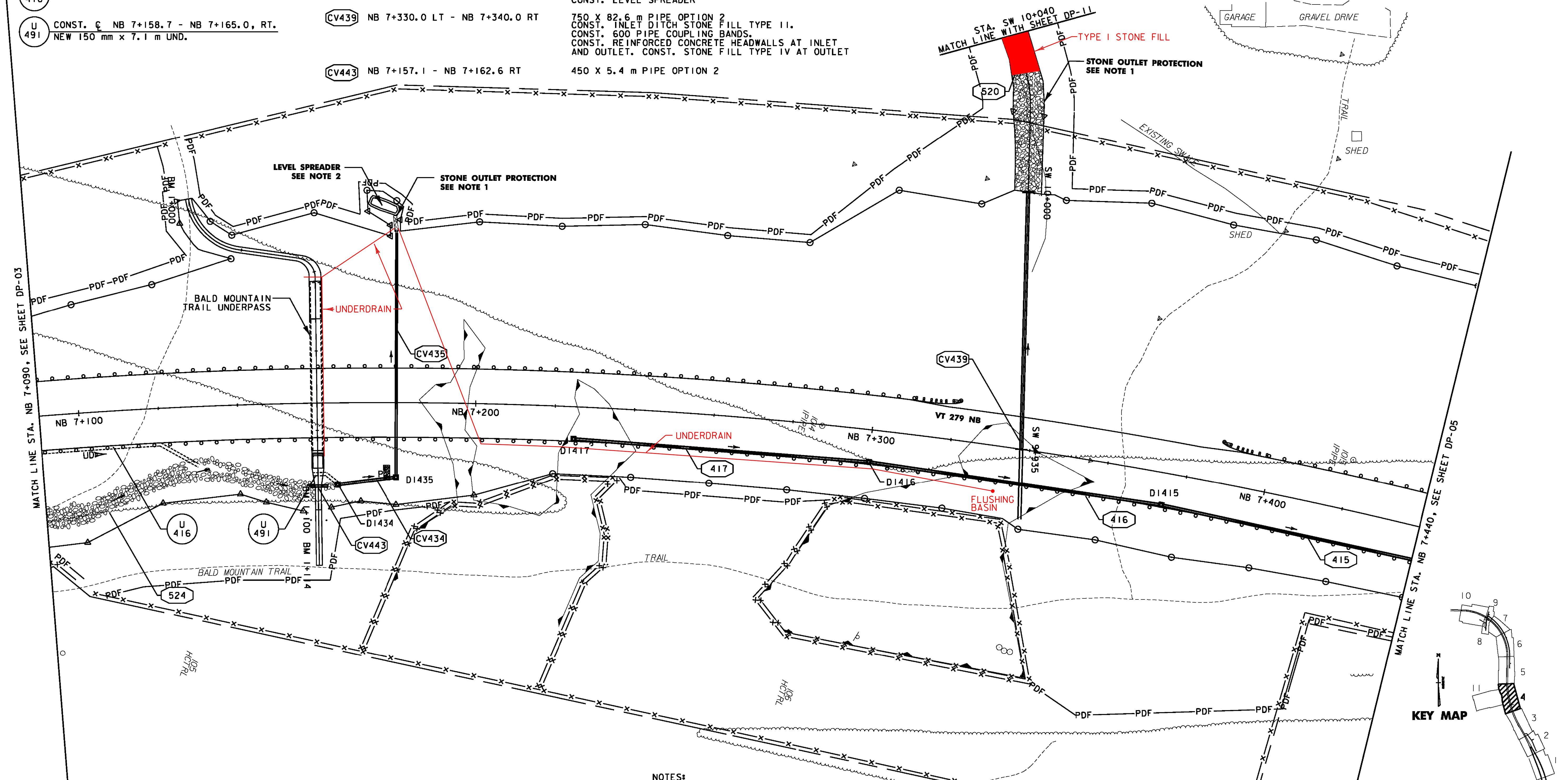
NEW DRAINAGE PIPES		
PIPE #	LOCATION	COMMENTS
415	NB 7+375.0 - NB 7+450.0 RT	450 X 73.8 m CPEP (SL)
416	NB 7+300.0 - NB 7+375.0 RT	450 X 73.8 m CPEP (SL)
417	NB 7+225.0 - NB 7+300.0 RT	450 X 73.8 m CPEP (SL)
CV434	NB 7+165.0 - NB 7+180.0 RT	450 X 14.2 m CPEP (SL)
CV435	NB 7+180.0 LT-RT	450 X 61.6 m PIPE OPTION 2 CONST. END SECTION AND STONE FILL TYPE II AT OUTLET CONST. LEVEL SPREADER
CV439	NB 7+330.0 LT - NB 7+340.0 RT	750 X 82.6 m PIPE OPTION 2 CONST. INLET DITCH STONE FILL TYPE II. CONST. 600 PIPE COUPLING BANDS. CONST. REINFORCED CONCRETE HEADWALLS AT INLET AND OUTLET. CONST. STONE FILL TYPE IV AT OUTLET
CV443	NB 7+157.1 - NB 7+162.6 RT	450 X 5.4 m PIPE OPTION 2

STORMWATER MANAGEMENT		
STRUCTURE #	LOCATION	COMMENTS
520	SW 10+029.8 - SW 10+200.0	CONST. VEG. SWALE 5 (SEE DP-11 FOR SWALE TYPICAL)

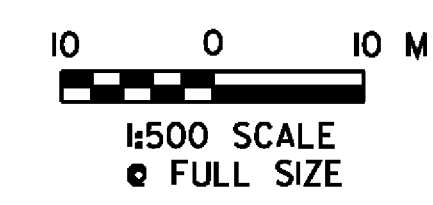
PERMANENT STONE CHECK DAMS, TYPE I  
STA. NB 7+170.806, 17.6m RT.



- UNDERDRAIN**
- U 416 SEE DP-03 FOR STATIONING AND LENGTH
  - U 491 CONST. C NB 7+158.7 - NB 7+165.0, RT.  
NEW 150 mm x 7.1 m UND.



- NOTES:**
- SEE STORMWATER MANAGEMENT DETAILS SHEET SWM-5 FOR DIMENSIONS AND CONSTRUCTION DETAILS OF STONE OUTLET PROTECTION.
  - SEE STORMWATER MANAGEMENT DETAILS SHEET SWM-1 FOR DIMENSIONS AND CONSTRUCTION DETAILS OF LEVEL SPREADERS. EARTHWORK FOR LEVEL SPREADERS SHALL BE PAID FOR UNDER ITEM 204.20 (TRENCH EXCAVATION).
  - PIPE STATIONING REFLECTS BREAKS AT SHEET MATCHLINES. PIPE LENGTHS REFLECT ACTUAL PIPE SEGMENTS & MATCH THE SUMMARY SHEETS.



**VERMONT AGENCY OF TRANSPORTATION**



PROJECT NAME:	BENNINGTON	FILE NAME:	...plot_files\zd307c2dp04.ppf	PLOT DATE:	5/16/2011
PROJECT NUMBER:	AC NH 019-(152)	DESIGN SUPERVISOR:	GREG EDWARDS	DRAWN BY:	STANTEC
		DESIGNED BY:	MARC FOISY	CHECKED BY:	GARY SANTY
		DRAINAGE PLAN DP-04		SHEET	84 OF 267

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