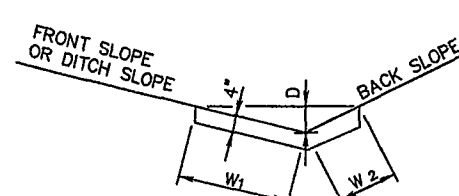
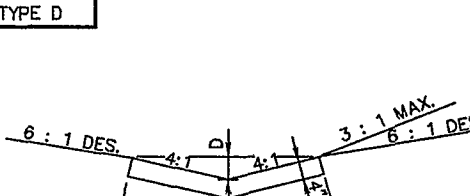
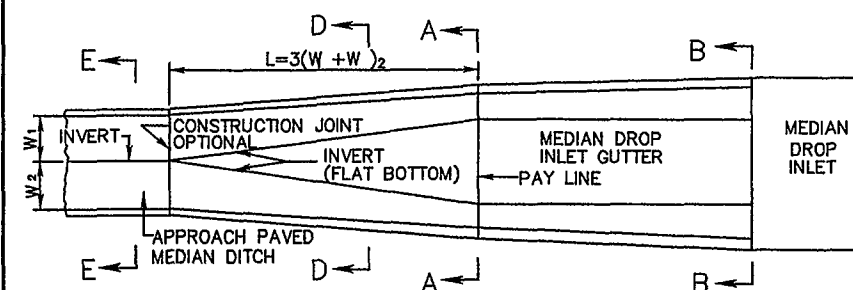
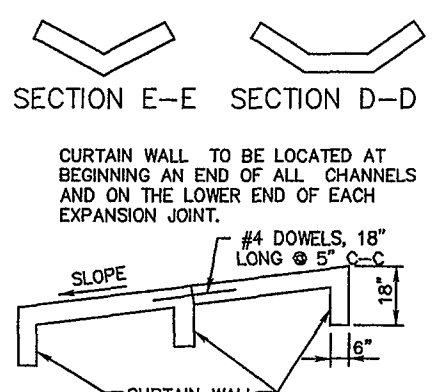
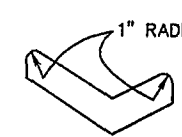
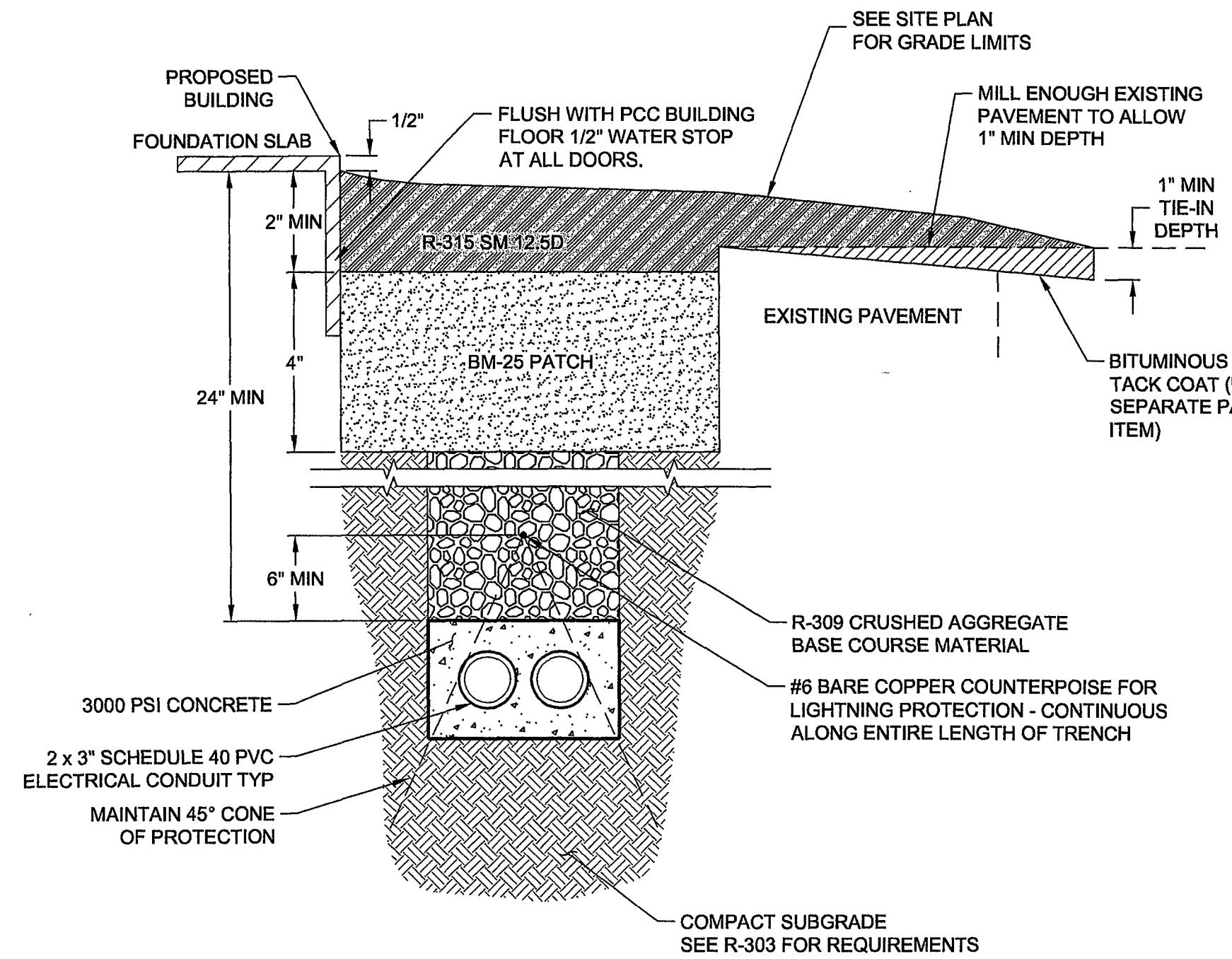


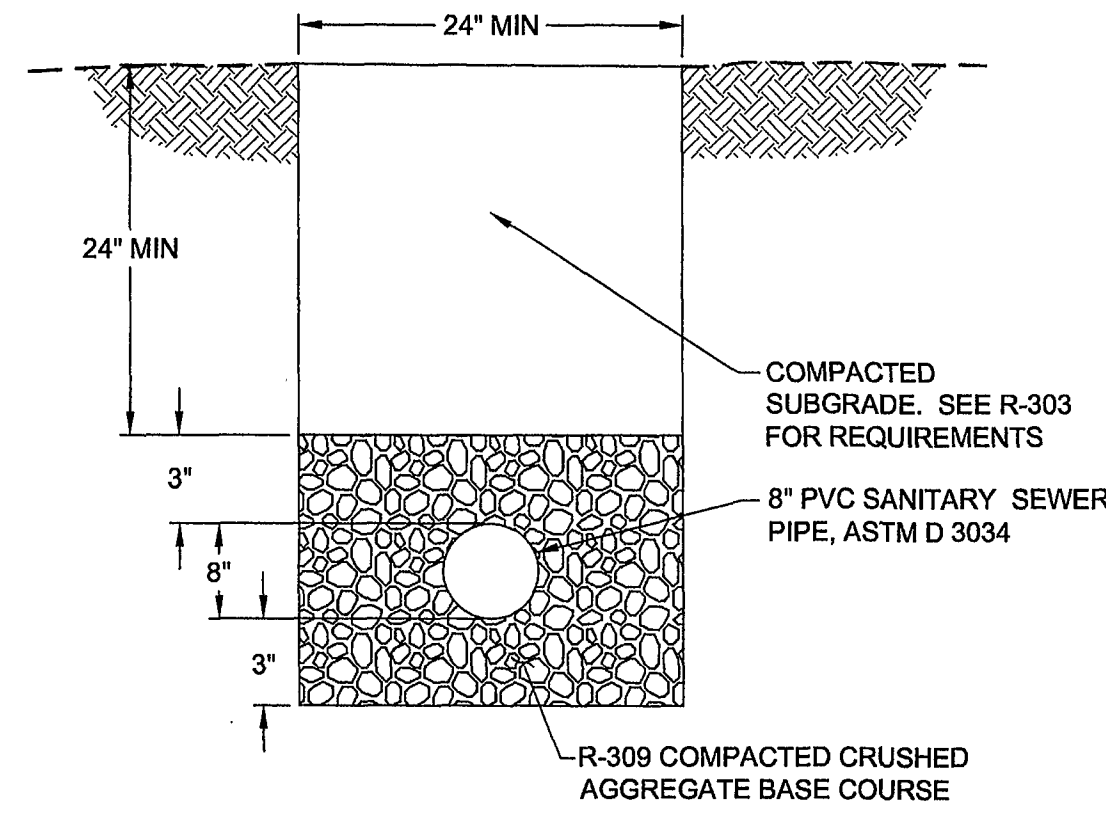
OUTSIDE ROAD DITCHES								MEDIAN DITCH				PG-2A			
												SQ. YDS. SURFACE AREA PER LIN. FT.			
TYPE	D	FRONT SLOPE	BACK SLOPE	W1	W2	K	SQ. YDS. SURFACE AREA/LIN. FT.	D = DEPTH				W1	W2	0.611	
A1	6"	6:1	4:1	3'-0"	2'-1"	48	0.955								
A2	8"	6:1	4:1	4'-1"	2'-9"	104	0.759								
A3	6"	6:1	3:1	3'-0"	1'-7"	42	0.509								
A4	6"	6:1	3:1	4'-1"	2'-1"	92	0.685								
A5	6"	6:1	2:1	3'-0"	1'-2"	38	0.463								
A6	8"	6:1	2:1	4'-1"	1'-8"	82	0.620								
B1	6"	4:1	4:1	2'-1"	2'-1"	38	0.463								
B2	8"	4:1	3:1	2'-9"	2'-1"	72	0.537								
B3	10"	4:1	3:1	3'-5"	2'-8"	130	0.676								
B4	8"	4:1	2:1	2'-9"	1'-8"	60	0.472								
B5	10"	4:1	2:1	3'-5"	1'-10"	111	0.683								
B6	8"	4:1	1 1/2:1	2'-9"	1'-2"	55	0.435								
B7	10"	4:1	1 1/2:1	3'-5"	1'-8"	101	0.548								
C1	6"	3:1	2:1	2'-1"	1'-8"	50	0.395								
C2	10"	3:1	2:1	2'-9"	1'-10"	92	0.500								
C3	10"	3:1	1 1/2:1	2'-9"	1'-8"	80	0.463								
C4	10"	3:1	1:1	2'-8"	1'-2"	70	0.426								
PLAN FOR TRANSITION OF PAVED MEDIAN DITCH TO MEDIAN DROP INLET GUTTER												ALTERNATE METHOD OF FORMING DITCHES			
NOTES: FOR SECTION A-A AND B-B SEE STANDARDS D1-7, 7A AND 7B. TRADITIONAL PORTION OF PAVED DITCH TO BE PAID FOR AT THE SAME PRICE BID PER SQ. YARD FOR APPROACH PAVED MEDIAN DITCH. STANDARD PG-2A DITCHES TO BE CLASS A3 CONCRETE.								SECTION E-E SECTION D-D 				1" RADIUS 			
SPECIFICATION REFERENCE								STANDARD PAVED DITCHES				NOTE: ALL DITCHES MAY BE CONSTRUCTED WITH VERTICAL SIDES AT THE OPTION OF THE CONTRACTOR.			
502								VIRGINIA DEPARTMENT OF TRANSPORTATION				109.01			



HANGAR ENTRANCE PAVEMENT SECTION

NTS

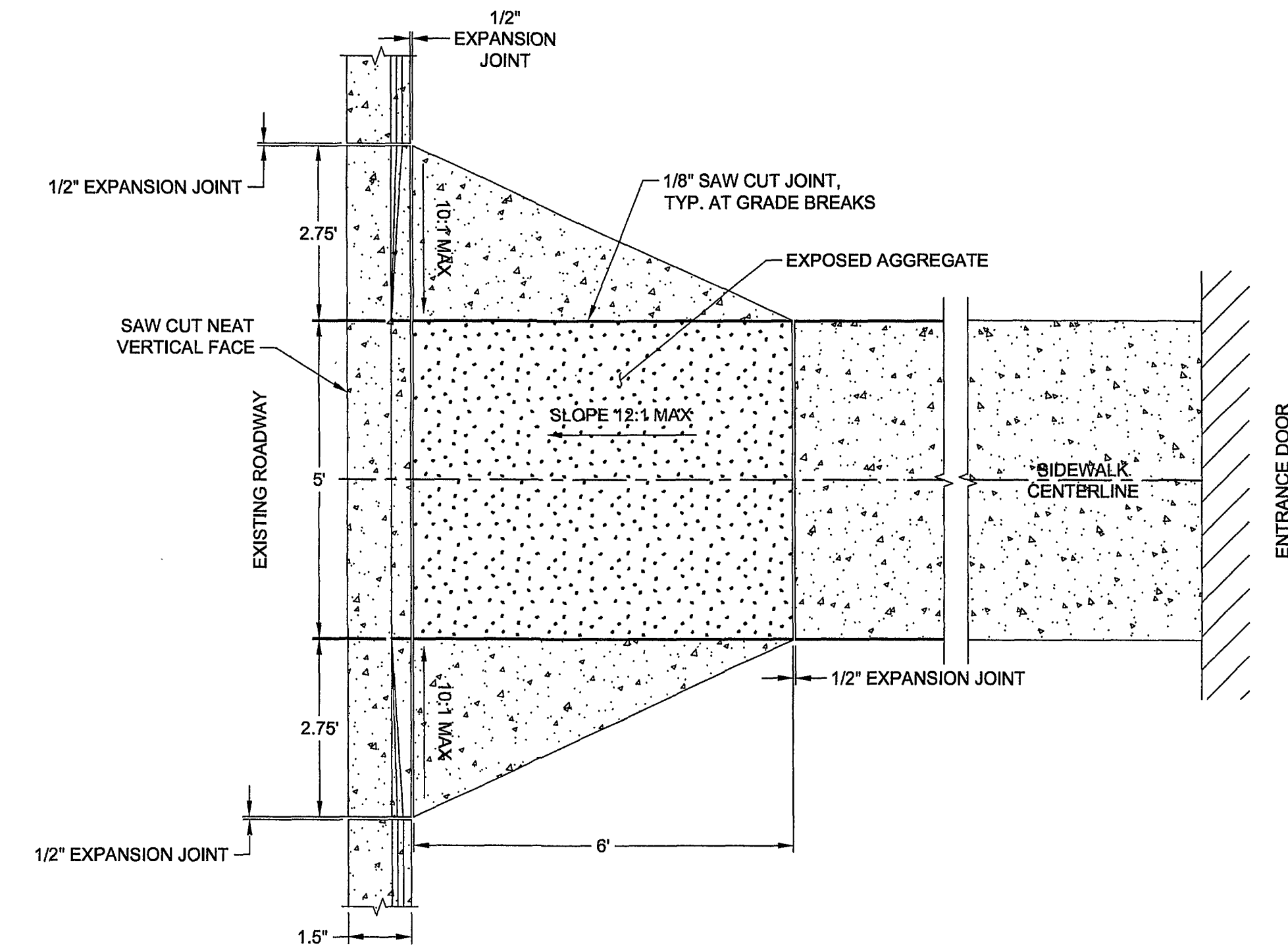
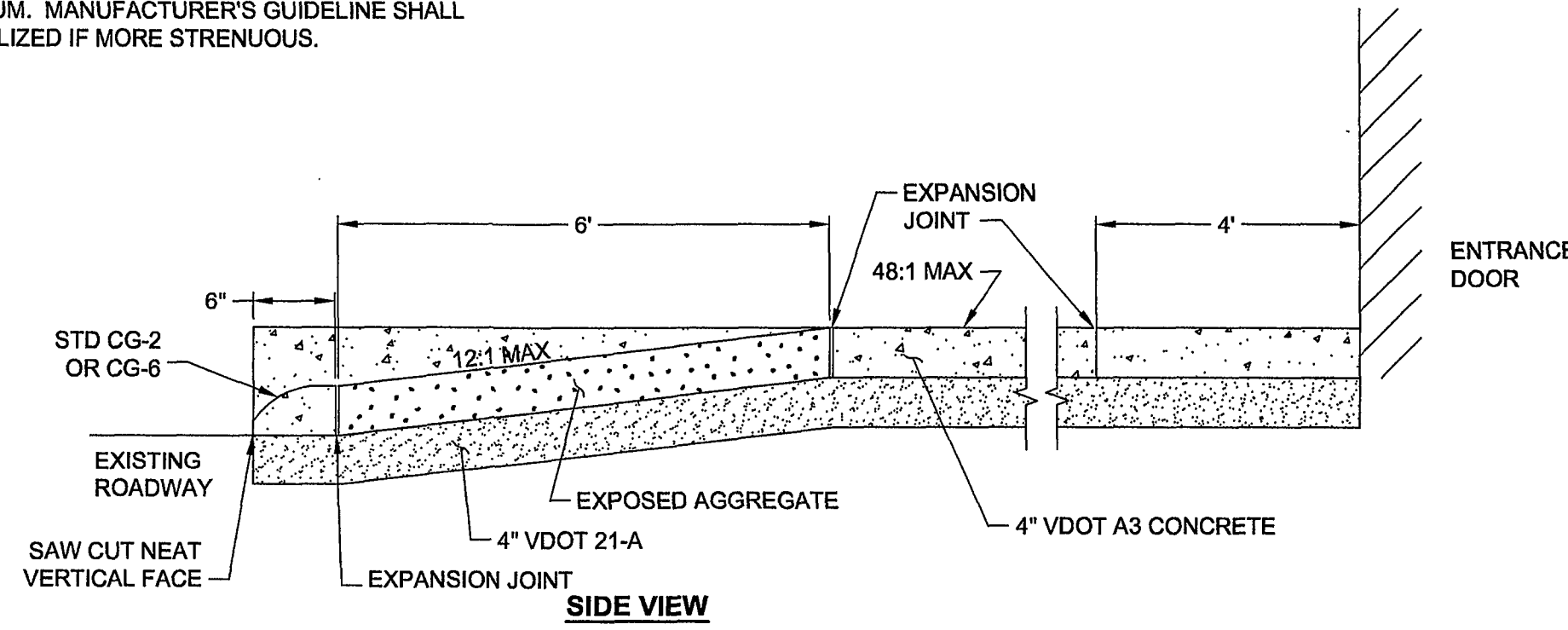
- NOTES:
1. INSTALL INTERLOCKING PVC SPACERS AT 5' ON CENTER TO PROVIDE A MINIMUM OF 1-1/2" SPACING BETWEEN OUTSIDE SURFACE OF ADJACENT CONDUITS AND A MINIMUM OF 3" OF CONCRETE COVERAGE AROUND THE PERIMETER OF THE DUCT BANK ASSEMBLY.
 2. PROVIDE END BELLS OR COUPLINGS INSTALLED FLUSH WITH CONCRETE ENCASEMENT WHERE REQUIRED.
 3. UNLESS OTHERWISE SHOWN ON THE PLANS, CONCRETE ENCASED DUCTS SHALL BE INSTALLED SO THAT THE TOP OF THE CONCRETE ENCASEMENT IS NOT LESS THAN 24" BELOW FINISHED GRADE WHERE INSTALLED IN PAVED AREAS.



SANITARY PVC BEDDING DETAIL

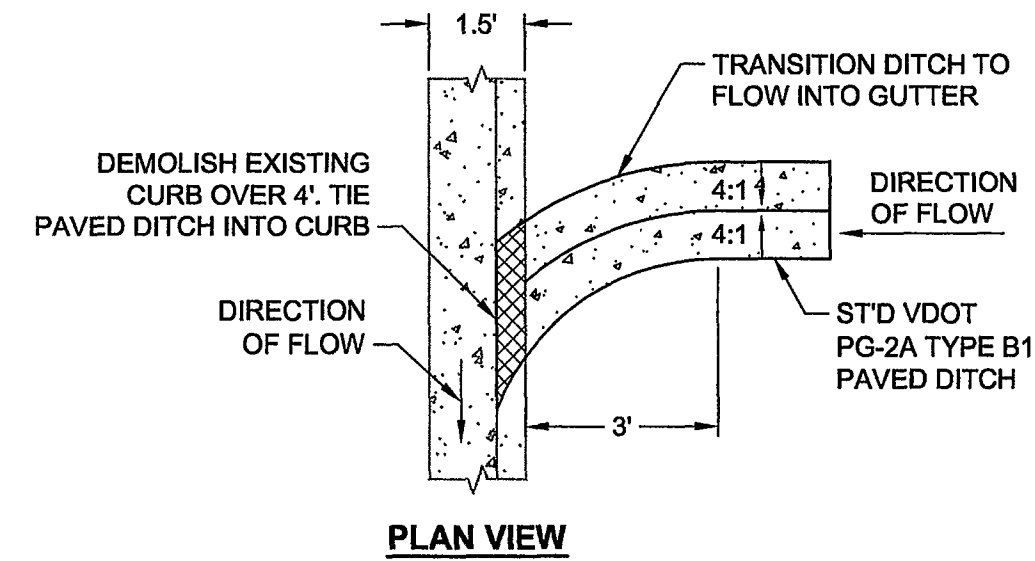
NTS

- NOTE:
1. PIPE BEDDING REQUIREMENTS SHOWN ARE MINIMUM. MANUFACTURER'S GUIDELINE SHALL BE UTILIZED IF MORE STRENUOUS.



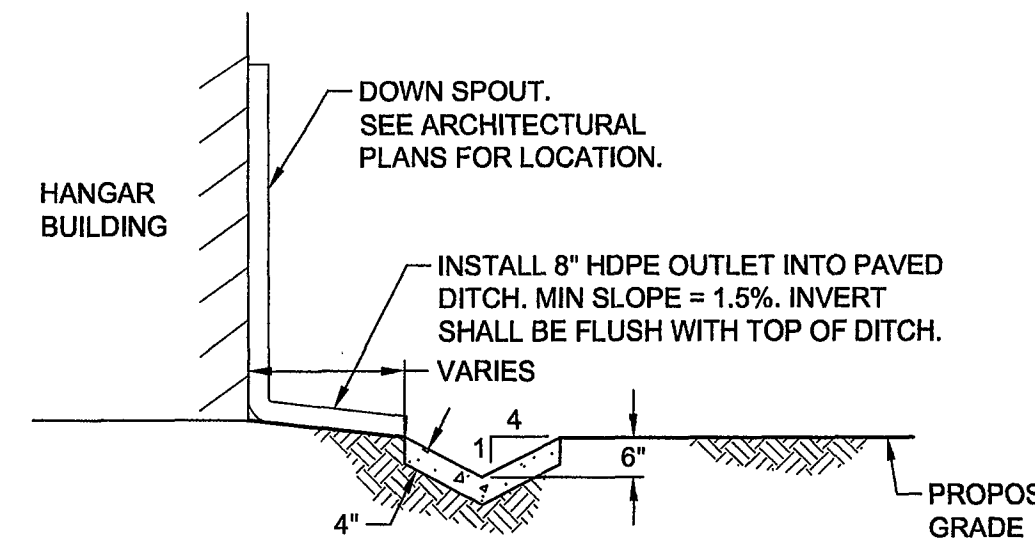
HANDICAPPED ACCESSIBLE RAMP DETAIL

NTS



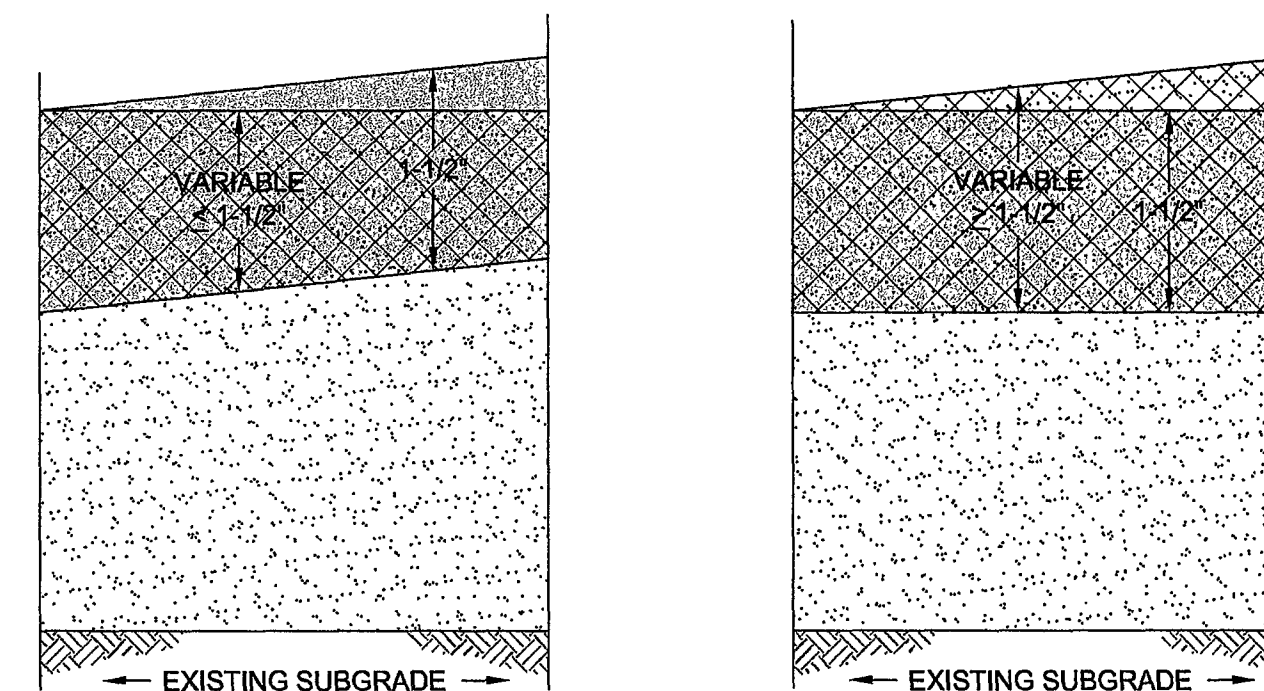
CURB CUT AT PAVED DITCH

NTS



ROOF DRAIN TIE IN TO PAVED DITCH

NTS



CONDITION 1: PROPOSED FINISHED GRADE ABOVE EXISTING GRADE

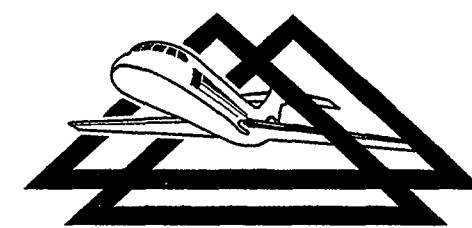
CONDITION 2: PROPOSED FINISHED GRADE BELOW EXISTING GRADE

- EXISTING ASPHALT PAVEMENT
- PROPOSED OVERLAY (R-315 SM 12.5D)
- PROPOSED MILLING

PAVEMENT MILL AND REPLACE DETAIL

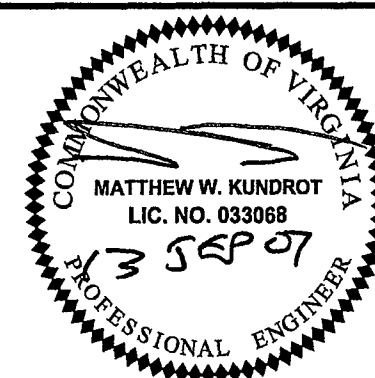
NTS

					 1111 East Main Street Suite 150 Richmond, VA 23219 Tel: (804) 649-8400 Fax: (804) 649-9475 evolvearchitect.com				
					 DANIELS & ASSOCIATES, P.C. Consulting Engineers 9307 Brook Road Glen Allen, Virginia 23060 (804) 553-1283 Fax: (804) 553-1096				
NO.	REVISIONS				BY	APP.	DATE		



DELTA AIRPORT CONSULTANTS, INC.

9711 Farrar Court, Suite 100 • Richmond, VA 23236
phone: (804) 275-8301 • fax: (804) 275-8371 • www.deltairport.com



CONSTRUCT HANGARS	AIP NO. NON-AIP		JOB NO. VA 07007
MISCELLANEOUS DETAILS	DRAWN BY: PJW		SHEET 10 OF
	DESIGNED BY: JKB		
ROANOKE REGIONAL AIRPORT	SCALE: NONE	DATE: JUNE 2007	13