

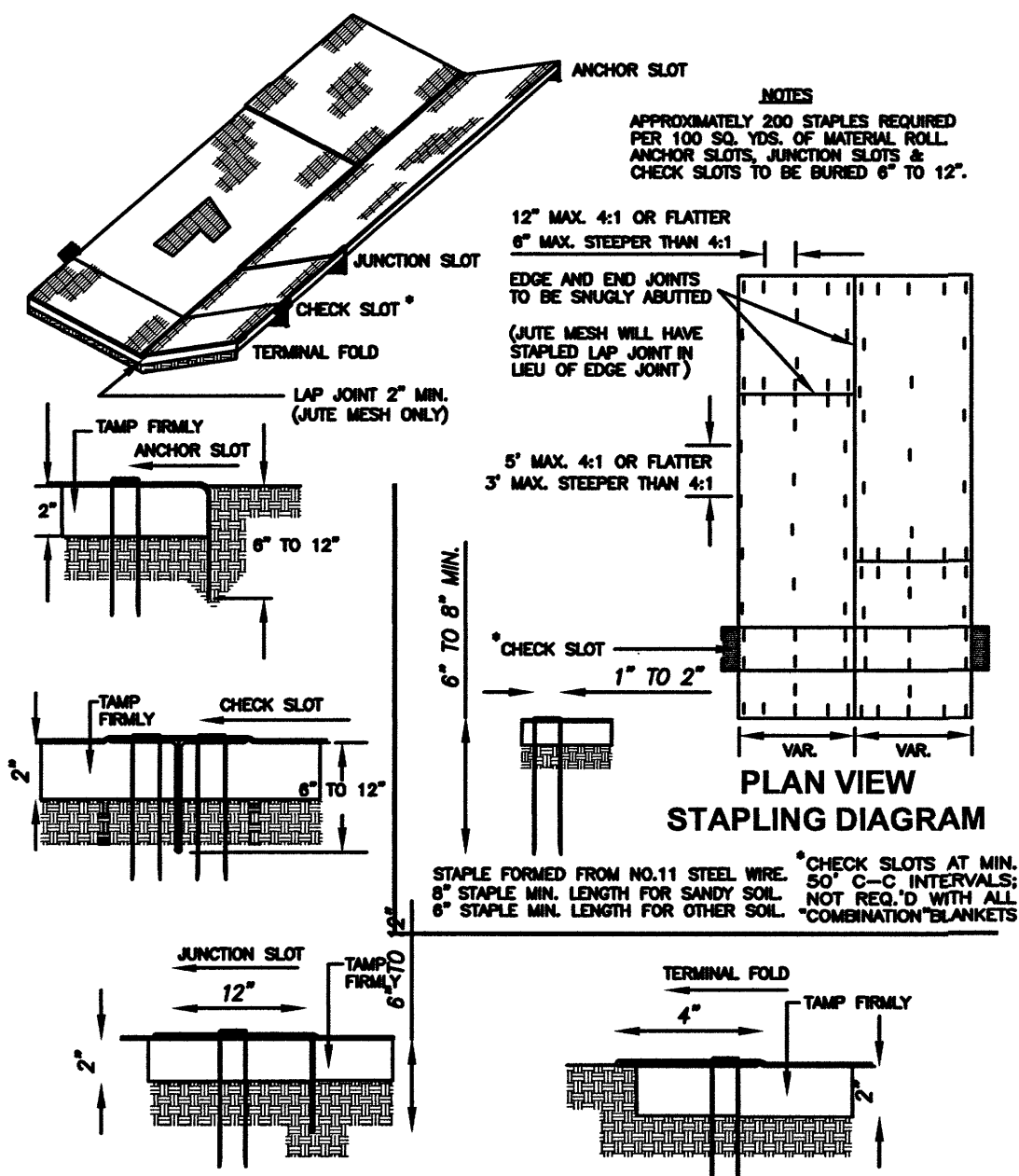
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THIS SHEET IS FOR EROSION & SEDIMENT CONTROL ONLY

PHASE I - SEQUENCE OF CONSTRUCTION

1. CONTRACTOR'S CERTIFIED RESPONSIBLE LAND DISTURBER SHALL BE NAMED AND A COPY OF THEIR RLD CERTIFICATE PROVIDED TO ROANOKE COUNTY PRIOR TO THE PRE-CONSTRUCTION MEETING. RLD SHALL ALSO ATTEND PRE-CON MEETING.
2. THE OWNER SHALL APPLY FOR VSMR GENERAL CONSTRUCTION PERMIT THROUGH ROANOKE COUNTY. UPON RECEIPT OF COVERAGE LETTER, THE OWNER MUST SUBMIT THE COVERAGE LETTER TO ROANOKE COUNTY PRIOR TO SCHEDULING THE PRE-CONSTRUCTION MEETING.
3. INSTALL 30" ELLIP. RCP AIRPORT RD. ENTRANCE CULVERT WITH INLET & OUTLET PROTECTION. INSTALL "SCC" (TYPE "A" DITCH) TO DIVERT OFFSITE RUNOFF.
4. INSTALL CONSTRUCTION ENTRANCE AS THE SECOND STEP IN THE CONSTRUCTION PROCESS.
5. INSTALL PERIMETER SILT FENCE AND DIVERSIONS AS SHOWN ON THIS PLAN.
6. INSTALL SEDIMENT TRAP AND ASSOCIATED DIVERSIONS LEADING TO CONSTRUCTED TRAP. SEDIMENT TRAP WILL BE ADJUSTED AS GRADING PROGRESSES.
7. BEGIN SITE GRADING, RETAINING WALL INSTALLATION AND THE CONSTRUCTION OF THE STORM DRAIN SYSTEM AND UNDERGROUND DETENTION FACILITY AS GRADING ALLOWS. ALL STORM DRAINS AND THE UNDERGROUND DETENTION FACILITY SHALL BE KEPT OFFLINE DURING PHASE I ESC. SLOPES 3:1 AND GREATER SHALL UTILIZE (BM) BLANKET MATTING FOR STABILIZATION. ONCE THE PARKING LOT AREA AND BUILDING PAD IS AT SUB-GRADE, INSTALL PAVEMENT STONE BASE AND BUILDING PAD STONE TO ACT AS "CRS".
8. BUILDING CONSTRUCTION CAN COMMENCE.
9. ONCE THE UP GRADIENT AREAS OF THE SEDIMENT TRAP ARE STABILIZED WITH "CRS" AND WITH THE APPROVAL OF ROANOKE COUNTY, REMOVE THE SEDIMENT TRAP AND ASSOCIATED DIVERSIONS.
11. PROCEED TO PHASE II ESC PLAN.

*THIS SEQUENCE IS PROVIDED AS A GENERAL OUTLINE AND NOT TO DETAIL EVERY TASK THAT MUST BE PERFORMED FOR THE CONSTRUCTION OF THE PROJECT. CONTRACTOR MAY ELECT TO ALTER THE SEQUENCE OF CONSTRUCTION. HOWEVER, THE CONTRACTOR MUST FOLLOW THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK, AND ROANOKE COUNTY REGULATIONS. THIS SEQUENCE IS NOT INTENDED TO BE A STRICTLY STEP BY STEP PROGRESSION OF WORK ITEMS. SOME OF THE ABOVE ITEMS CAN BE ACCOMPLISHED CONCURRENTLY.



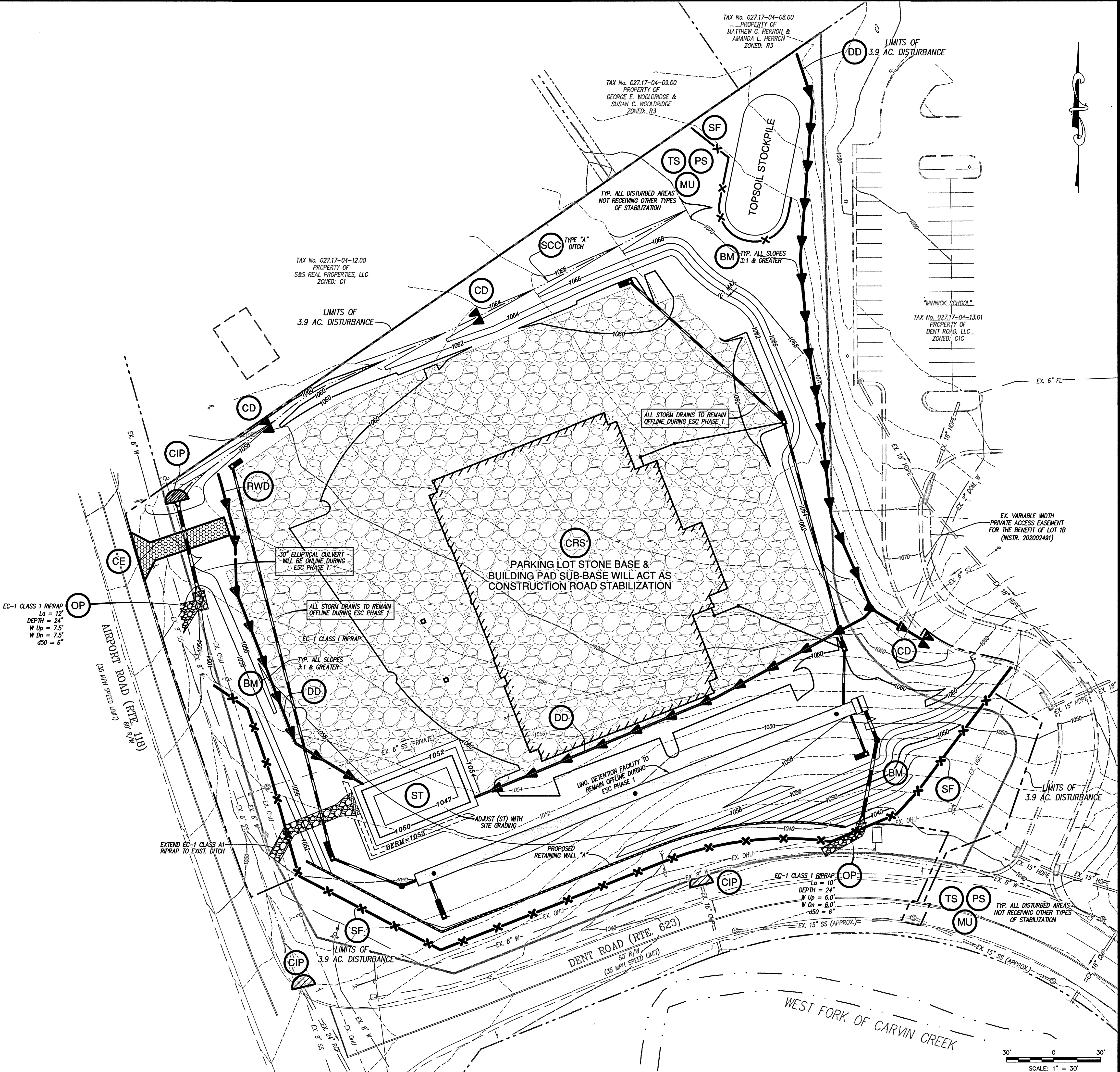
SOIL STABILIZATION BLANKET AND MATTING

TYPICAL TREATMENT - 1 (SOIL STABILIZATION BLANKET) INSTALLATION CRITERIA

Install on all slopes 3:1 or steeper.

PHASE I DISTURBED AREA = 3.9 ACRES

NO.	TITLE	KEY	SYMBOL
3.02	TEMPORARY GRAVEL CONSTRUCTION ENTRANCE	(CE)	
3.05	SILT FENCE	(SF)	***
3.07	INLET PROTECTION	(IP)	
3.08	CULVERT INLET PROTECTION	(CIP)	
3.09	TEMPORARY DIVERSION DIKE	(DD)	
3.11	TEMPORARY R/W DIVERSION	(RWD)	
3.13	TEMPORARY SEDIMENT TRAP	(ST)	
3.17	STORMWATER CONVEYANCE CHANNEL	(SCC)	
3.18	OUTLET PROTECTION	(OP)	
3.20	ROCK CHECK DAM	(CD)	
3.31	TEMPORARY SEEDING	(TS)	
3.32	PERMANENT SEEDING	(PS)	
3.35	MULCHING	(MU)	
3.36	SOIL STABILIZATION BLANKETS AND MATTING	(BM)	



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COMMONWEALTH OF VIRGINIA
ANDREW P. LUMSDEN
Lic. No. 062216
4/9/21
PROFESSIONAL ENGINEER

**PHASE 1
EROSION & SEDIMENT
CONTROL PLAN**

**SITE DEVELOPMENT PLAN
PREPARED FOR
VISTAR EYE CENTER
PREPARED FOR
RETINA LAND I, LLC
LOCATED AT THE INTERSECTION OF
AIRPORT ROAD & DENT ROAD
ROANOKE COUNTY, VIRGINIA**

NO.	DATE	DESCRIPTION
1		
2		
3		
4		
5		

DATE: April 9, 2021
SCALE: 1" = 30'
COMMISSION NO: 2020-297
SHEET 9 OF 14

APPROVED, 6/15/2021