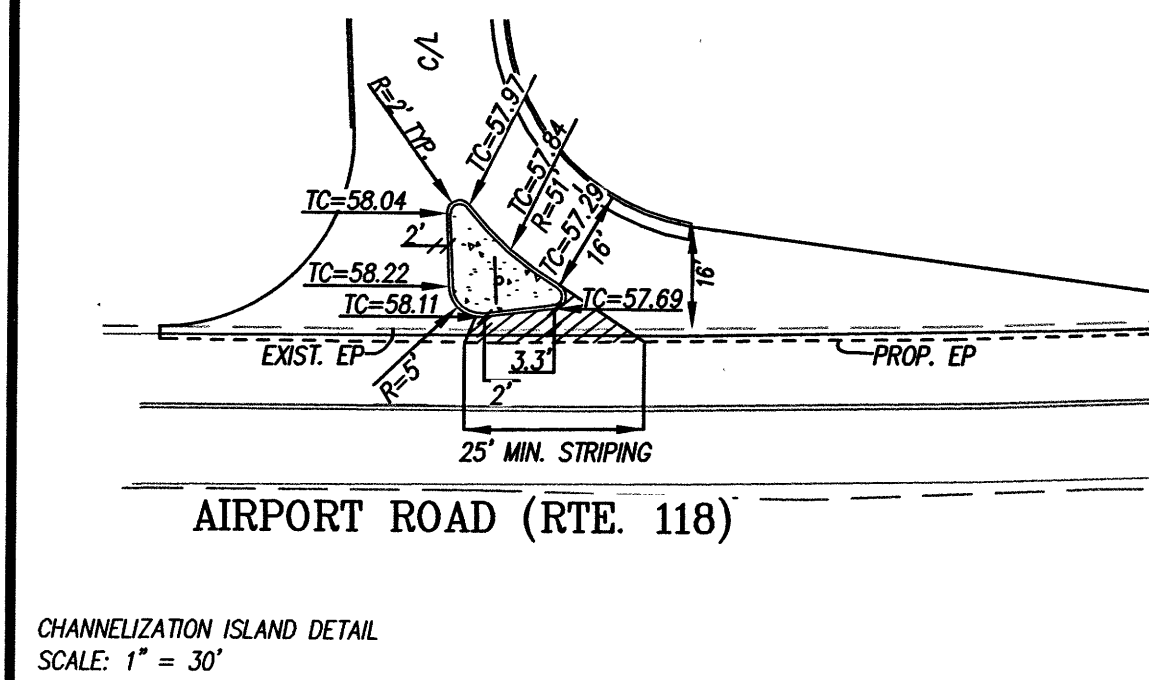


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LEGEND		
ITEM	EXISTING	PROPOSED
Pavement	---	---
Curb and Gutter	---	---
Storm Drain Line	---	---
Sanitary Sewer Manhole	---	---
Sanitary Sewer Line	---	---
Waterline	---	---
Hydrant	---	---
Underground Electric Line	---	---
Overhead Electric Line	---	---
Underground Telephone Line	---	---
Contours	---	---
TOP OF WALL = TW, BOTTOM OF WALL = BW		



CHANNELIZATION ISLAND DETAIL
SCALE: 1" = 30'

DENOTES STANDARD DUTY PAVEMENT

DENOTES HEAVY DUTY PAVEMENT

NOTE: CONTRACTOR TO COORDINATE WITH OWNER FOR PROPER SIGNAGE DIRECTING HEAVY VEHICLE TRAFFIC.

TAX No. 027.17-04-12.00
PROPERTY OF
S&S REAL PROPERTIES, LLC
ZONED: C1

TAX No. 027.17-04-08.00
PROPERTY OF
MATTHEW G. HERRON &
AMANDA L. HERRON
ZONED: R3

TAX No. 027.17-04-08.00
PROPERTY OF
GEORGE E. WOOLDRIDGE &
SUSAN C. WOOLDRIDGE
ZONED: R3

TAX No. 027.17-04-13.01
PROPERTY OF
DEWY ROAD, LLC
ZONED: C1C

- UTILITY NOTES:
- ALL WATER AND SANITARY SEWER FACILITIES ARE TO BE INSTALLED ACCORDING TO THE WESTERN VIRGINIA WATER AUTHORITY DESIGN AND CONSTRUCTION STANDARDS.
 - ALL SANITARY SEWER CLEANOUTS WITHIN PAVEMENT SHALL BE H-20 TRAFFIC RATED.
 - ALL STORM DRAIN CONSTRUCTION SHALL BE IN ACCORDANCE WITH VDOT'S ROAD AND BRIDGE STANDARDS AND SPECIFICATIONS.
 - ALL WATER AND SANITARY SEWER LINES SHALL HAVE A MINIMUM OF 3.0 FEET OF COVER. MAINTAIN A MINIMUM OF 18" CLEARANCE FROM OUTSIDE OF PIPE TO OUTSIDE OF PIPE AT ALL WATER, SANITARY SEWER, AND STORM DRAIN CROSSINGS. WHERE THIS CLEARANCE CAN NOT BE ACHIEVED, CONCRETE PIERS SHALL BE UTILIZED IN ACCORDANCE WITH THE WESTERN VIRGINIA WATER AUTHORITY'S WATER AND SANITARY SEWER STANDARDS.
 - SANITARY SEWER LATERAL PIPE MATERIAL SHALL BE, PVC SDR-26.
 - NEW WATERLINE MAIN PIPE MATERIAL SHALL BE C900 PVC DR14 WATERLINES, UNLESS OTHERWISE INDICATED, OR APPROVED EQUAL.
 - ALL STORM DRAIN CONSTRUCTION SHALL BE IN ACCORDANCE WITH VDOT STANDARDS.
 - ALL STORM DRAIN PIPES SHALL BE HDPE OR RCP UNLESS OTHERWISE INDICATED AS CMP.
 - ALL HDPE PIPE SHALL BE ADS W/ N-12, OR HP STORM.
 - ALL RCP PIPE SHALL BE CLASS III.
 - ALL CMP PIPE SHALL BE ALUMINIZED STEEL, TYPE 2. 96" & 120" PIPE SHALL BE PER MANUFACTURER RECOMMENDATIONS.
 - ALL NEW DROP INLETS AND STORM DRAIN MANHOLES SHALL HAVE VDOT STD. IS-1, INLET SHAPING.
 - ALL DRAINAGE STRUCTURES DEEPER THAN 4.0 FEET SHALL HAVE STEPS (VDOT STD. ST-1) INSTALLED.
 - SAFETY SLABS (VDOT STD. SL-1) ARE REQUIRED IN ALL NEW DRAINAGE STRUCTURES WITH A DEPTH OF 12.0 FEET OR GREATER. THE SPACING OF THE SLABS SHOULD BE 8 TO 12 FEET WITH NO SAFETY SLAB LOCATED WITHIN 6 FEET FROM THE TOP OR BOTTOM OF THE STRUCTURE.
 - THE CONTRACTOR OR DEVELOPER IS REQUIRED TO NOTIFY THE WESTERN VIRGINIA WATER AUTHORITY IN WRITING AT LEAST THREE (3) DAYS PRIOR TO ANY CONSTRUCTION. PLEASE CONTACT NICK ROBERTSON AT (540) 283-2932.
 - ALL WORK SHALL BE SUBJECT TO INSPECTION BY THE WESTERN VIRGINIA WATER AUTHORITY.
 - ALL WATER CONNECTIONS TO EXISTING LINES SHALL BE COORDINATED WITH AND PERFORMED BY THE WESTERN VIRGINIA WATER AUTHORITY.
 - ALL WATER & SANITARY SEWER CONNECTIONS TO EXISTING LINES SHALL BE COORDINATED WITH AND PERFORMED BY THE WESTERN VIRGINIA WATER AUTHORITY.
 - A GEOTECHNICAL ENGINEER SHALL OBSERVE SUBGRADE CONDITIONS PRIOR TO INSTALLATION OF PIPE BEDDING MATERIAL.
 - THE CONTRACTOR SHALL COMPLY WITH ALL WYMA AND ROANOKE COUNTY AS-BUILT REQUIREMENTS.

ROANOKE COUNTY STEEP SLOPE ORDINANCE:

- SPECIAL PRECAUTIONS AND GUIDELINES ARE REQUIRED FOR DEVELOPMENT IN AREAS HAVING STEEP SLOPES, DEFINED AS THIRTY-THREE AND ONE THIRD PERCENT (33.3%) OR GREATER.
- LAND-DISTURBING ACTIVITIES ON STEEP SLOPES ARE REGULATED BY CHAPTER 8.1 EROSION AND SEDIMENT CONTROL AND STEEP SLOPE DEVELOPMENT ORDINANCE OF THE COUNTY OF ROANOKE, VIRGINIA.
- FOR ANY CUT SLOPES OR FILL SLOPES GREATER THAN OR EQUAL TO 2:1 (HORIZONTAL:VERTICAL) OR GREATER THAN OR EQUAL TO TWENTY-FIVE (25) VERTICAL FEET IN HEIGHT WITH A SLOPE GREATER THAN 3:1 (HORIZONTAL:VERTICAL), AS-BUILT PLANS SHOWING THAT THE FINISHED GEOMETRY, BASED ON A FIELD SURVEY PERFORMED BY A LICENSED SURVEYOR, IS IN SUBSTANTIAL CONFORMITY WITH THE DESIGN SHALL BE PROVIDED TO THE PLAN-APPROVING AUTHORITY.

ENTRANCE CROSS SECTION PROFILES
SCALE: 1" = 30'

