



RPA PROPOSED PAVING MATERIALS LEGEND

- VEHICULAR AREA (ASPHALT, CONCRETE GUTTER)
- BUILDING AREA
- PAVER SIDEWALK AREA
- LAWN/LANDSCAPE BED AREA

RPA IMPERVIOUS AREA CHART

	EXISTING	PROPOSED
BUILDING	0	280
VEHICULAR	7611	95
SIDEWALKS/MISC.	0	4382
TOTAL	7611	4757

SITE AREA IN RPA = 0.17 AC.
 EXISTING RUNOFF FROM RPA = Q10 = 1.11 CFS
 PROPOSED RUNOFF FROM RPA = Q10 = 0.85 CFS

NOTE:

1. SEE EROSION AND SEDIMENT CONTROL PLANS FOR TEMPORARY EROSION MEASURES PROVIDED DURING CONSTRUCTION. DISTURBANCE IN RPA AND FLOODWAY WILL BE LIMITED TO THE EXTENT POSSIBLE.
2. EVEN THOUGH ONLY 0.17 SF OF THE SITE IS LOCATED WITHIN THE RPA, THE ENTIRE SITE FLOWS TO TRIPPS RUN. PLEASE SEE SHEET C-0703 FOR PROPOSED ONSITE AND OFFSITE WATER QUALITY MEASURES.

CURVE TABLE

CURVE	RADIUS	LENGTH	DELTA	TANGENT	CHORD	CHORD BEARING
C1	1,846.07'	89.80'	2°47'13"	44.91'	89.79'	N75°45'51"E

RPA - WATER QUALITY IMPACT ASSESSMENT

**THE RESERVE
 AT TINNER HILL
 CITY OF FALLS CHURCH, VIRGINIA**

REVISION APPROVED BY

NO.	DESCRIPTION	DATE	REV. BY	APPROVED	DATE

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INCORPORATED ESTABLISHED 1945
 DATE: 02/20/13
 SCALE: 1" = 20'
 DRAWN: MM
 CHECKED: KY

