



PROJECT IS GRANDFATHERED AND IS SUBJECT TO THE PART 16 REGULATIONS FOR WATER QUALITY & QUANTITY

1. ALL CONSTRUCTION METHODS AND MATERIALS SHALL CONFORM TO THE CONSTRUCTION STANDARDS AND SPECIFICATIONS OF THE WESTERN VIRGINIA WATER AUTHORITY (WVWA).
2. ALL NEW SANITARY SEWER PIPE SHOWN ON THIS PLAN SHALL BE REINFORCED CONCRETE, CLASS II, EXCEPT WHERE OTHER CLASSIFICATIONS AND/OR MATERIALS ARE INDICATED.
3. ALL EXISTING SANITARY SEWER MAINS AND MANHOLE STRUCTURES SHALL INCLUDE 90 IN. ID. 120 IN. OUTSIDE UNLESS OTHERWISE INDICATED.
4. ALL DRAINAGE STRUCTURES DEEPER THAN 4.0 FEET SHALL HAVE STEPS (NOT STD. ST-1).
5. SAFETY SLABS (NOT STD. SL-1) ARE REQUIRED IN ALL DRAINAGE STRUCTURES WITH A DEPTH OF 12.0 FEET OR GREATER. SPACING OF STEPS SHALL BE 4.0 FEET OR GREATER.
6. ALL EXISTING SANITARY SEWER MAINS SHALL BE STAGGERED FROM ONE SIDE OF STRUCTURE TO THE OTHER (NOT STD. ST-1); STAGGERED ACCORDINGLY, WHERE APPLICABLE.
7. ALL WATER AND SANITARY SEWER LINES SHALL HAVE A MINIMUM OF 3.0 FEET OF COVER.
8. THE CONTRACTOR SHALL MAINTAIN A MINIMUM OF 18" CLEARANCE VERTICALLY AND 2' MINIMUM HORIZONTALLY FROM OUTSIDE OF PIPE TO OUTSIDE OF PIPE AT ALL WATER, SANITARY SEWER CROSSINGS OF ANY OTHER UTILITIES, WHERE THIS CANNOT BE ACHIEVED ADJACENT ADJACENT TO THE PIPE OR STRUCTURE.
9. ALL SANITARY SEWER PIPE MATERIAL SHALL BE PVC, DN-35, EXCEPT AS NOTED, OR APPROVED EQUIV. NEW SANITARY SEWER PIPE SHALL BE APPROVED EQUIV. TO DN-35.
10. ALL SANITARY SEWER CLEANOUTS THAT WILL BE INSTALLED IN PAVED AREAS SHALL BE TRAFFIC BEARING.
11. THE NEW WATERLINES SHALL BE 300 KPA D14, UNLESS OTHERWISE INDICATED, OR APPROVED EQUIV.
12. ALL NEW WATERLINES SHALL BE 300 KPA D14, UNLESS OTHERWISE INDICATED, OR APPROVED EQUIV.
13. THE CONTRACTOR OR DEVELOPER IS REQUIRED TO NOTIFY THE WESTERN VIRGINIA WATER AUTHORITY IN WRITING AT LEAST THREE (3) DAYS PRIOR TO ANY CONSTRUCTION TO CONTACT MARK SHAW AT (404) 537-3440.
14. WORK SHALL BE SUBJECT TO SUPERVISION BY THE WESTERN VIRGINIA WATER AUTHORITY.
15. FIELD CORRECTIONS SHALL BE APPROVED BY THE WESTERN VIRGINIA WATER AUTHORITY PRIOR TO SUCH CORRECTIONS.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR OBTAINING ALL NECESSARY CONSTRUCTION PLANS. THE CONTRACTOR SHALL NOT REMOVE THE CONTRACTOR'S RESPONSIBILITY TO RELOCATE ANY EXISTING CONFLICTS FOUND DURING CONSTRUCTION.
17. ALL WATER AND SANITARY SEWER CONNECTIONS TO EXISTING LINES SHALL BE COORDINATED WITH AND PERFORMED BY THE WESTERN VIRGINIA WATER AUTHORITY.
18. ALL WATER AND SANITARY SEWER FACILITIES ARE TO BE INSTALLED ACCORDING TO THE WESTERN VIRGINIA WATER AUTHORITY DESIGN AND CONSTRUCTION STANDARDS.
19. PLEASE PROVIDE 5 DAYS NOTICE TO THE WVWA FOR ANY ANTICIPATED WATER OUTAGE TO ALLOW THE WVMA TIME TO SCHEDULE AND NOTIFY AFFECTED CUSTOMERS. (404) 537-3440.

TYPE "B" SWALE

LEGEND

ITEM	EXISTING	PROPOSED
Pavement		
Concrete Curb and Gutter		
Storm Drain Line		
Sanitary Sewer Manhole		
Sanitary Sewer Line		
Waterline		
Overhead Electric Line		
Overhead Telephone Line		
Underground Storm		
Indefinite Contents		
Spot Elevations		

10'-0" OF CURB, 10'-0" OF PAVEMENT, OR GRASSING ELEVATION

10'-0" OF PAVEMENT, 10'-0" OF GRASSING ELEVATION

1'-0" V-SLOPE, 2'-0" SIDE-SLOPE, 2'-0" SIDE-SLOPE, 2'-0" SIDE-SLOPE

1'-0" V-SLOPE, 2'-0" SIDE-SLOPE, 2'-0" SIDE-SLOPE, 2'-0" SIDE-SLOPE

1'-0" V-SLOPE, 2'-0" SIDE-SLOPE, 2'-0" SIDE-SLOPE, 2'-0" SIDE-SLOPE

1'-0" V-SLOPE, 2'-0" SIDE-SLOPE, 2'-0" SIDE-SLOPE, 2'-0" SIDE-SLOPE

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1'-0" V-SLOPE, 2'-0" SIDE-SLOPE, 2'-0" SIDE-SLOPE, 2'-0" SIDE-SLOPE

COMMISSION NO: 15-049

SHEET 3 OF 8

**RIDGE AT FAIRWAY FOREST
SECTION 3**
PREPARED FOR
ALEXANDER REAL ESTATE GROUP, LTD.
WINDSOR HILLS MAGISTERIAL DISTRICT
ROANOKE COUNTY, VIRGINIA