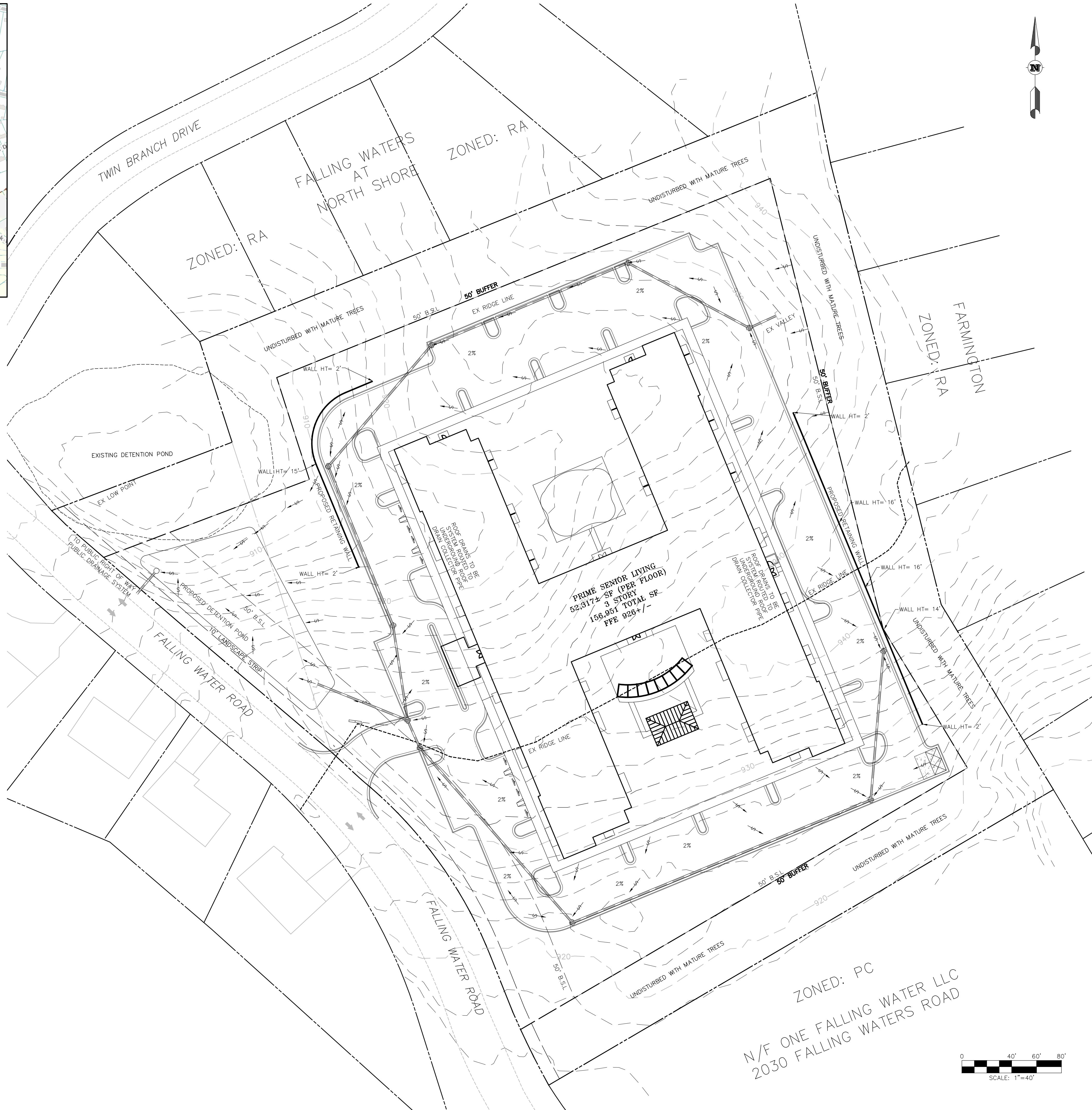


VICINITY MAP
NTS

THIS PROPERTY IS NOT LOCATED WITHIN A 100 YEAR FLOOD PLAIN
AS SHOWN ON F.I.R.M. COMMUNITY PANEL NUMBER 47093C0380F
DATED MAY 2, 2007.

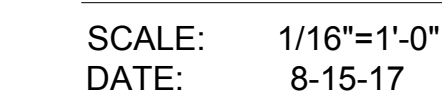


- GRADING NOTES:**
1. INFORMATION CONCERNING SITE SOIL CONDITIONS WILL BE PROVIDED BY THE OWNER.
 2. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ALL DEBRIS AS ACCEPTABLE TO THE OWNER AND ENGINEER.
 3. IF CONTRACTOR DOES NOT ACCEPT EXISTING TOPOGRAPHY AS SHOWN ON THE PLANS, WITHOUT EXCEPTION, HE SHALL HAVE MADE, AT HIS OWN EXPENSE, A TOPOGRAPHIC SURVEY AND SUBMIT IT TO THE OWNER FOR REVIEW.
 4. CONTRACTOR IS RESPONSIBLE FOR NOTIFYING ALL UTILITIES BEFORE CONSTRUCTION AND VERIFYING LOCATION OF ALL UTILITIES SHOWN OR NOT SHOWN.
 5. RCP STORM PIPE SHALL BE CLASS III PER ASTM C-76. THE CONTRACTOR MAY ELECT TO SUBSTITUTE ALUMINIZED CORRUGATED METAL PIPE TYPE 2 ULTRA FLO CMP, 16 GAGE FOR 48" AND SMALLER, 12 GAGE ABOVE 48", WITH REFORMED ENDS AND "O" RING HUGGER TYPE BANDS, UNLESS OTHERWISE NOTED. ALL PIPE CONNECTIONS AT MANHOLES SHALL BE WATER TIGHT.
 6. CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM THE BUILDINGS.
 7. PRECAST STRUCTURES MAY BE USED AT THE CONTRACTOR'S OPTION.
 8. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION AND COST OF THE RELOCATION OF ALL UTILITIES ALONG THE RIGHT OF WAY AND ON SITE ASSOCIATED WITH THE CONSTRUCTION OF THIS PROJECT, SUCH AS, BUT NOT LIMITED TO; SIGNAL POLES, SIGNAL CONTROLS, DRAINAGE STRUCTURES, TRAFFIC SIGNS, UTILITY POLES, GUY WIRES, ETC.
 9. IN ALL AREAS WHERE NEW CURB AND GUTTER ARE INSTALLED REMOVE ALL OLD CURB AND GUTTER AND SAW CUT A STRAIGHT EDGE ALONG ASPHALT.
 10. THE EARTHWORK FOR ALL BUILDING FOUNDATIONS AND SLABS SHALL BE IN ACCORDANCE WITH ARCHITECTURAL PLANS AND SPECIFICATIONS.
 11. CONTRACTOR IS RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING IMPROVEMENTS DURING CONSTRUCTION, SUCH AS, BUT NOT LIMITED TO, DRAINAGE, UTILITIES, PAVEMENT, STRIPING, CURBS, ETC. REPAIRS SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITIONS.
 12. ALL SLOPES AND DISTURBED AREAS NOT COVERED BY BUILDING OR PAVEMENT SHALL BE GRADED SMOOTH AND RECEIVE 4 INCHES OF TOPSOIL. CONTRACTOR TO PROVIDE TOPSOIL IF NOT AVAILABLE ON SITE. THE AREAS SHALL BE SEEDED AND MULCHED, FERTILIZED AND WATERED TO PROVIDE A HEARTY MOWABLE STAND OF GRASS. SMALL ROCKS MUST BE REMOVED. ANY AREAS DISTURBED FOR ANY REASON PRIOR TO FINAL ACCEPTANCE OF THE PROJECT SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
 13. SPOIL FROM FOOTINGS IS THE SITE CONTRACTOR'S RESPONSIBILITY. CONTRACTOR IS TO USE THE SOIL ON SITE OR REMOVE IT FROM SITE.
 14. EARTHWORK SHALL BE ON AN UNCLASSIFIED BASIS.
 15. ANY FILL USED TO INCREASE THE ELEVATION OF THE FLOOR SLAB OR ANY FILL TO BE USED AS BACKFILL, SHOULD BE A CLEAN, GRANULAR MATERIAL. PRIOR TO THE USE OF ANY GRANULAR FILL GRADATION ANALYSIS SHOULD BE PERFORMED ON REPRESENTATIVE SAMPLES OF THE FILL MATERIAL TO DETERMINE WHETHER THE MATERIAL IS SUITABLE AS FILL. COMPACTED FILL SHOULD BE PLACED IN LAYERS OF NOT MORE THAN EIGHT INCHES IN THICKNESS, AT MOISTURE CONTENTS WITHIN THREE PERCENT OPTIMUM, AND COMPACTED TO MINIMUM DENSITY OF 95 PERCENT OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE MODIFIED PROCTOR METHOD, ASTM D-1557.

10-D-17-UR
Revised: 9/27/2017

REVISIONS: 9/21/17 ADJUSTED DRIVEWAY LOCATION AND DRAINAGE STRUCTURES	
REVISIONS: ADJUSTED DETENTION POND LOCATION 09/20/17	
PROJECT: PRIME SENIOR LIVING	
PROJECT ADDRESS: 0 & 1920 FALLING WATERS ROAD	
PROJECT ADDRESS: KNOXVILLE, TN 37922	
CLIENT: PRIME SENIOR LIVING	
CLIENT ADDRESS: 11622 EL CAMINO REAL	
CLIENT ADDRESS: SAN DIEGO, CA 92130	
DATE: 08/24/17	DWG: CSP2
Civil Consulting Engineers, Inc.  122 CEDAR WOODS TRAIL CANTON, GA 30114 678-462-4072 CIVILCONSULTINGENGINEERS.NET	
CONCEPTUAL GRADING PLAN	C02

PROJECT NO: 16044



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10-D-17-UR