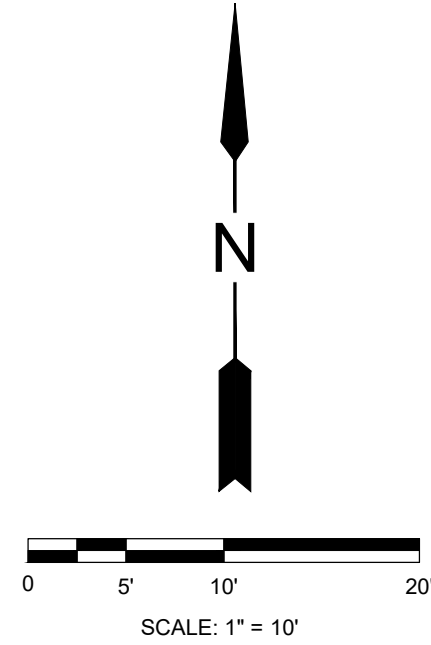
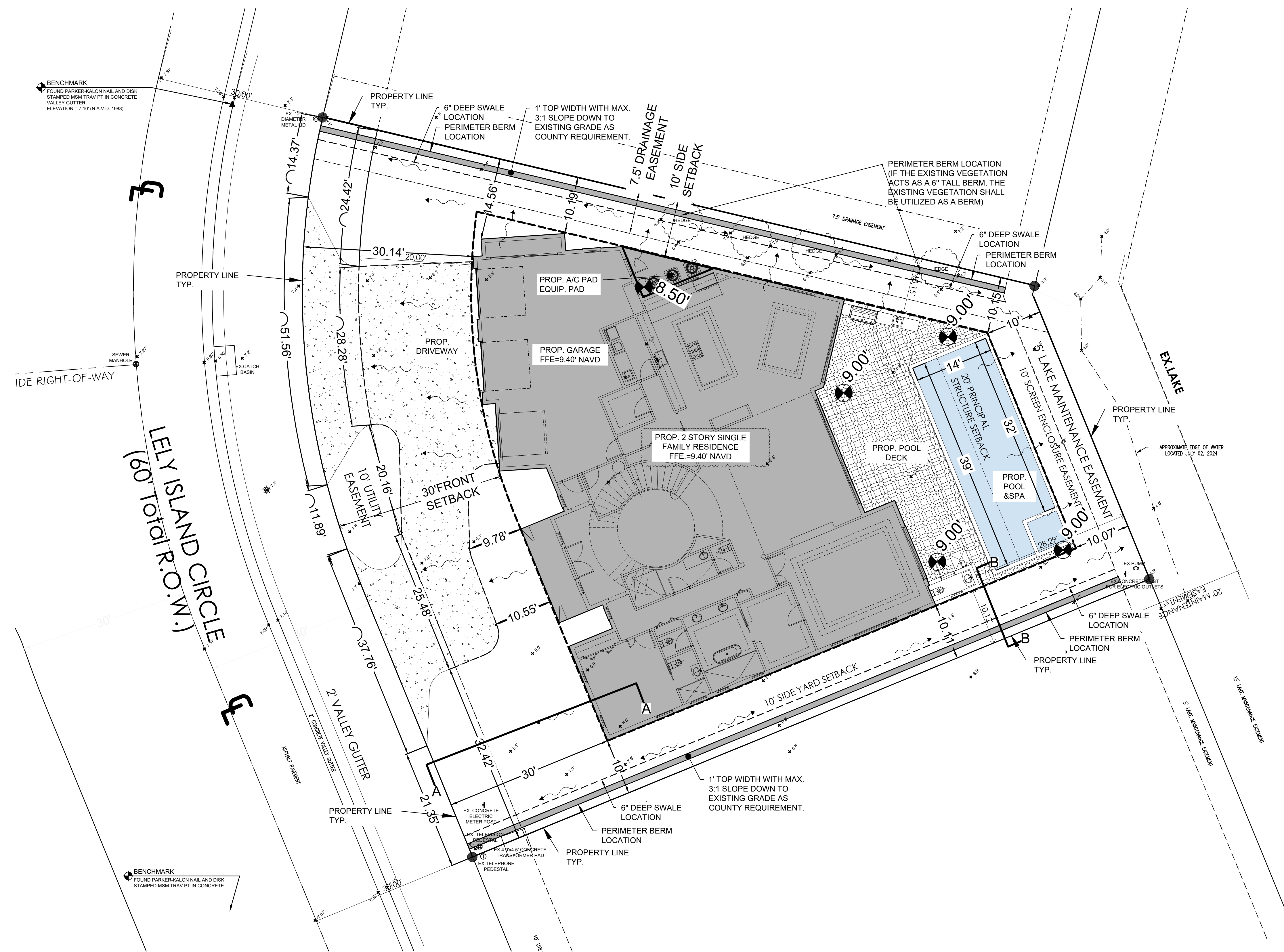




LEGEND	
	PROPOSED DRAINAGE FLOW
	EXISTING
	EXISTING GROUND ELEVATION
	PROPOSED GROUND ELEVATION

GENERAL DRAINAGE NOTES	
1. THE PROPOSED RESIDENCE IS IN COMPLIANCE WITH THE COLLIER COUNTY LAND DEVELOPMENT CODE SECTION 6.05.03.	
2. ALL GRADES, ELEVATIONS & INVERTS ARE IN NAVD.	
3. SURVEY DATA BY DAVID C. HOLMAN, P.S.M., LLC.	
4. CONNECT ALL ROOF DRAINAGE AND PATIO DRAINAGE INTO THE STORMWATER MANAGEMENT SYSTEM, IF APPLICABLE.	
5. DURING CONSTRUCTION, DRAINAGE STRUCTURE OPENINGS, WHERE APPROPRIATE, SHALL BE COVERED WITH FILTER FABRIC, MIRAFL 140N OR APPROVED EQUAL TO PREVENT DEBRIS AND FILL FROM FALLING INTO THE INLETS.	
6. PROPERTY IS LOCATED IN FLOOD ZONE "AE 7.5' X", ACCORDING TO THE FEMA MAP NUMBER 12021C0604I, DATED FEB 08 2024.	
7. THE PROPOSED BUILDING, DRIVEWAY, POOL, PATIO, AND ACCESSORY USES WERE SITED AND PROVIDED BY THE ARCHITECT. ALL SETBACK INFORMATION WAS PROVIDED BY THE ARCHITECT. ALL IMPROVEMENTS SHALL BE PER THE APPROVED SITE PLAN PER THE ARCHITECTURAL PLANS.	

MEAN HIGH WATER TABLE ELEVATION	
THE MEAN HIGH WATER ELEVATION FOR THIS PROJECT WAS DETERMINED PER LOCAL KNOWLEDGE. THE CONTROL ELEVATION FOR THIS PROJECT WILL BE 4.00 FT-NAVD.	

LEGAL DESCRIPTION	
LOT 93, LELY ISLAND ESTATES, ACCORDING TO THE PLAT THEREOF, RECORDED IN PLAT BOOK 17, PAGE 26 THROUGH 31, PUBLIC RECORDS OF COLLIER COUNTY, FLORIDA.	

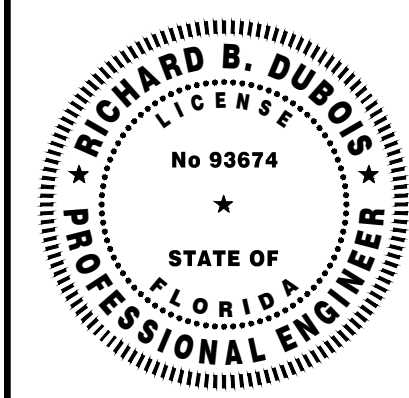
SFWMD GENERAL PERMIT NOTE	
THIS PROPERTY IS LOCATED WITHIN A SFWMD GENERAL PERMIT AREA UNDER SFWMD PERMIT NUMBER 11-00429-S, APP# 04228-D. THE CERTIFIED SITE PLAN MAINTAINS THE STORMWATER RUNOFF PATTERNS FROM THE GENERAL PERMIT REQUIREMENTS. THE FRONT YARD WILL CONVEY RUNOFF TOWARD THE ROAD RIGHT-OF-WAY AND THE REAR YARD WILL CONVEY RUNOFF TOWARD THE EXISTING LAKE AND DRAINAGE EASEMENT. ADDITIONAL INFORMATION CAN BE FOUND WITHIN THE SFWMD GENERAL PERMIT.	

STORMWATER MANAGEMENT CALCULATIONS

USE	AREA (SF)	PERCENTAGE (%)
BUILDING ROOF	4,547	36%
DRIVEWAY, SIDEWALK & A/C PAD	1,177	9%
POOL AND SPA	615	5%
POOL DECK & EQUIPMENT PAD	846	7%
OPEN SPACE AND LANDSCAPING	5,447	43%
TOTAL SITE AREA	12,632	100%

TOTAL PERVIOUS AREA	5,447	43%
TOTAL IMPERVIOUS AREA	7,185	57%
ALLOWABLE IMPERVIOUS AREA	5,053	40%

DATUM NOTE:
ALL ELEVATIONS REFERENCE
NAVD88 VERTICAL DATUM.



RICHARD B. DUBOIS, P.E.
FL. LICENSE NO. 93674
COA # 31149

THIS ITEM HAS BEEN DIGITALLY
SIGNED AND SEALED BY RICHARD B.
DUBOIS ON THE DATE ADJACENT TO
THE SEAL. PRINTED COPIES OF THIS
DOCUMENT ARE NOT CONSIDERED
SIGNED AND SEALED AND THE
SIGNATURE MUST BE VERIFIED ON
ANY ELECTRONIC COPIES.

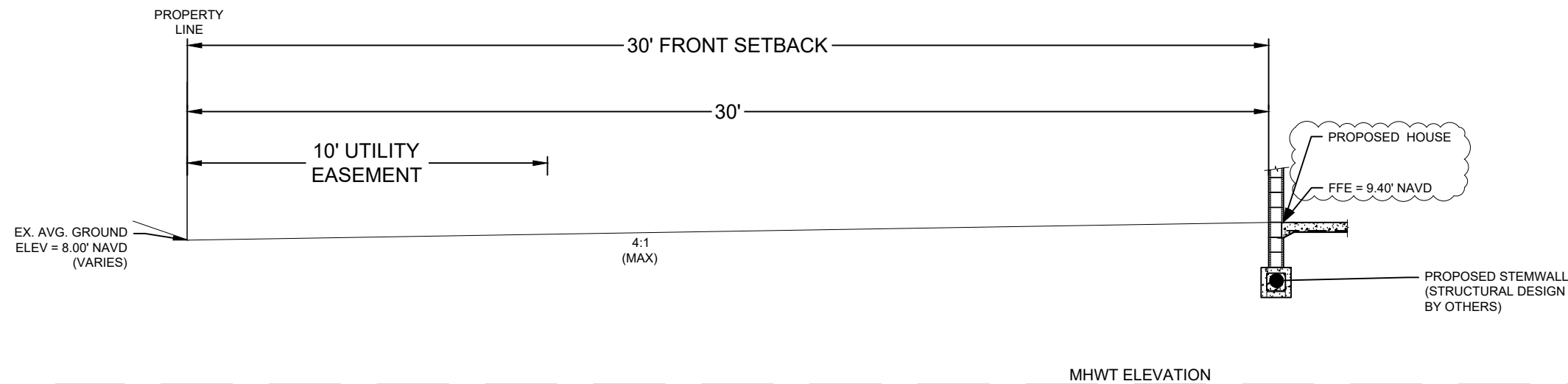
PREPARED FOR:
THINLINE GROUP LLC

DATE: 11/15/2024

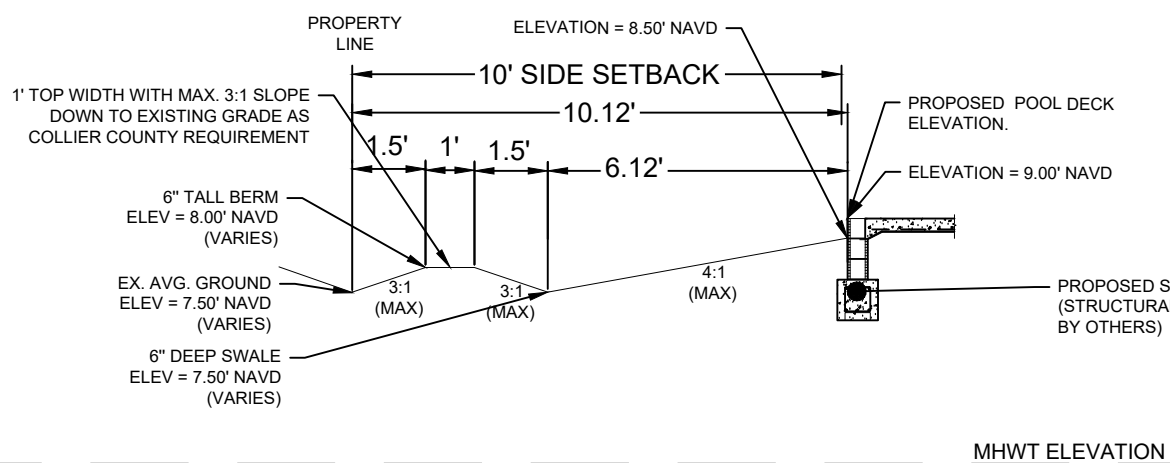
PROJECT #: RDA240640

SHEET: 1 OF 1

CROSS SECTION A-A
(N.T.S.)



CROSS SECTION B-B
(N.T.S.)



RDA CONSULTING ENGINEERS
791 10TH STREET SOUTH, SUITE 302
NAPLES, FL 34102
PHONE: (239) 649-1551
FAX: (239) 649-7112
WWW.RDAFL.COM

8849 LELY ISLAND CIR,
NAPLES, FL 34113

PROPOSED STORMWATER MANAGEMENT PLAN