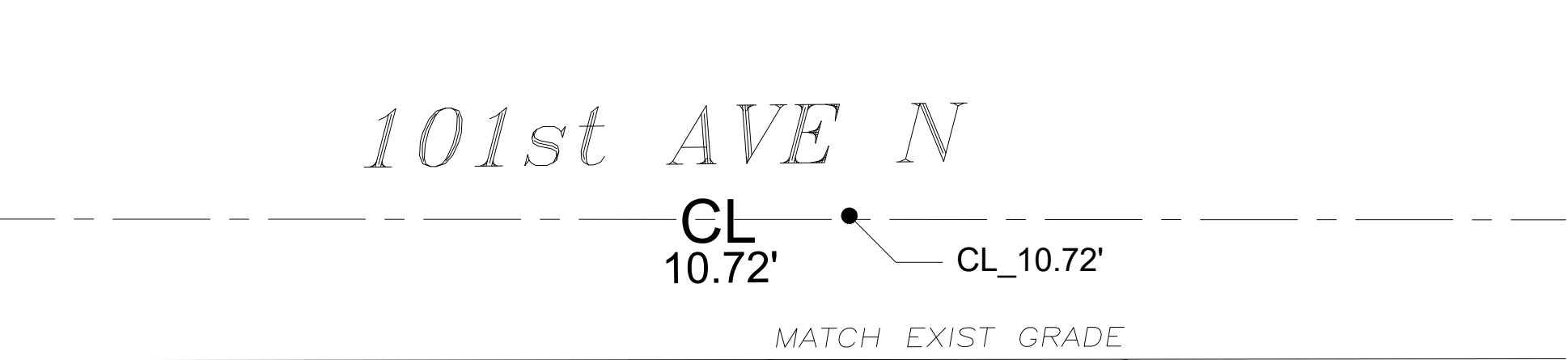
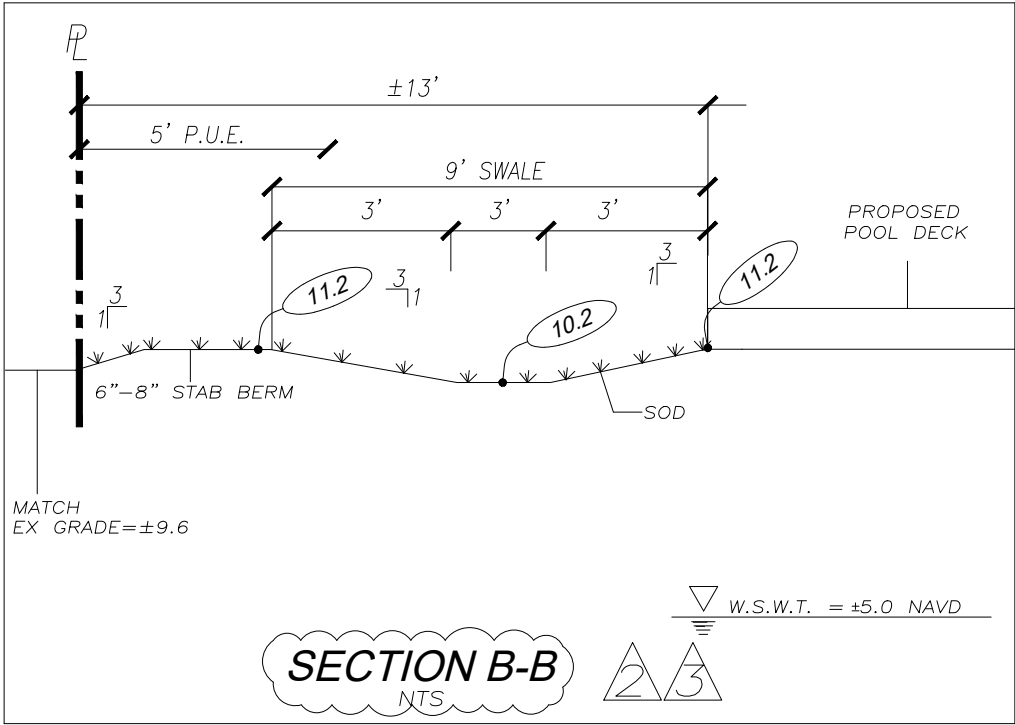
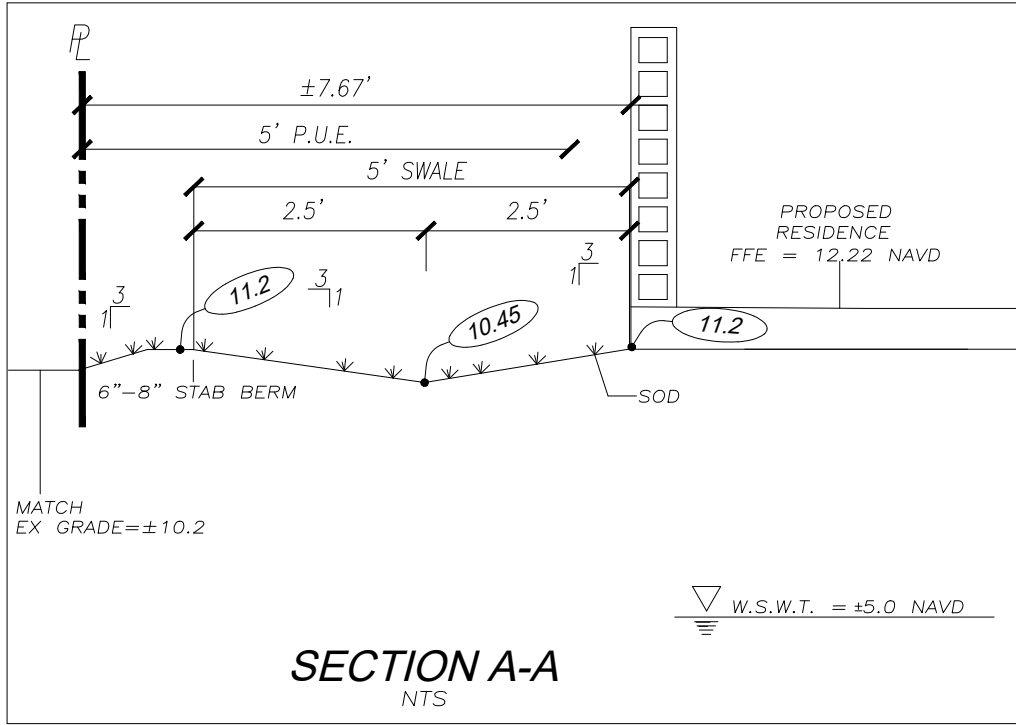




COLLIER COUNTY ROW PERMIT MAY BE REQUIRED - BY OTHERS

COLLIER COUNTY ROW STAFF SHALL SPECIFY THE PIPE SIZE, MATERIAL, LENGTH, AND INVERT OF THE PROPOSED DRIVEWAY CULVERT PIPES.

1" = 10'

SODDED/STABILIZED BERM SHALL BE TAPERED AT NORTH END TO ELEVATION 11.0 NAVD FOR DISCHARGE TO ROW THIS AREA

SODDED/STABILIZED BERM SHALL BE TAPERED AT NORTH END TO ELEVATION 11.0 NAVD FOR DISCHARGE TO ROW THIS AREA

SITE SUMMARY
PER LDC 6.05.03
ZONED RMF-6

IMPERVIOUS AREA (PROPOSED)	
IMPERVIOUS AREA (GARAGE, DECK, HOME, PADS, POOL AND STORAGE)	
TOTAL	±5,344 SF
ALLOWABLE IMPERVIOUS (40% X 10,110 SF)	4,044 SF
TOTAL PROPOSED IMPERVIOUS TO BE TREATED	1,300 SF
TOTAL LOT SIZE	= 10,110 SF

WATER QUALITY CALCULATIONS
PER LDC 6.05.03

WATER QUANTITY REQUIRED FOR 5 YEAR 1 DAY STORM EVENT IS 5"
5" (1,300 SF TOTAL IMPERVIOUS) SF * 1/12 = 542 CF REQ'D
SYSTEM PROVIDES:
SWALE VOLUME = 1/2b x h l = 1/2(.5)(2.5)(204)(2) = 255 CF
REAR YARD AREA VOLUME = 400 CF
VOLUME TOTAL = 255+400 = 655 CF

TOTAL DETENTION REQUIRED = 542 CF
TOTAL DETENTION PROVIDED = 655 CF

Legal Description:
S28 T48 R25
NAPLES PARK UNIT 5 BLK 69 LOTS 42 AND THE W1/2 OF LOT 43

NOTES:

1. THERE ARE NO OFF SITE FEATURES PRESENT THAT WILL IMPACT THE DESIGN, BESIDES THE ONES DRAWN ON THE SITE PLAN.
2. THERE IS NO SIGNIFICANT SLOPE TO PROPERTY.
3. VERIFY STRUCTURE MEETS MINIMUM REQUIRED FLOOD ELEVATION AS WELL AS ALL APPLICATION ZONING AND ARCHITECTURAL CRITERIA PRIOR TO COMMENCEMENT OF CONSTRUCTION.
4. NO STORMWATER RUNOFF SHALL BE DISCHARGED TO NEIGHBORING PROPERTY.
5. SURVEY PROVIDED BY FOUNDIT LAND SERVICES CORP. LAND SURVEYOR & MAPPER.
6. DIRECT STORM WATER AWAY FROM PROPOSED HOME VIA SHEET FLOW.
7. MATCH EXISTING GRADES AT PROPERTY LINES.
8. ALL ELEVATIONS REFERENCE NAVD.

SWALE

6"-8" STAB BERM AS NEEDED

CONTAIN ALL STORM WATER ON SITE

CONTRACTOR SHALL CONNECT ALL DOWNSPOUTS INTO SWALE SYSTEM WHERE FEASIBLE.

LEGEND

- DRAINAGE FLOW
- X.XX EXISTING GRADE
- X.X PROPOSED GRADE
- STABILIZED BERM
- SWALE
- SOLID 8" PVC
- IRON STORMWATER GRATE (8" TYP)
- CATCH BASIN
- FRENCH DRAIN

DESIGN	BAF	5			
DRAWN	BAF	3	3/13/23	REV PER CONTRACTOR	B.A.F.
CHECKED	BAF	2	1/17/23	REV POOL DECK/CALCS/DRAINAGE	B.A.F.
D.C.		1	10/18/22	REV GARAGE FFE PER ARCH & COUNTY RAI	B.A.F.
		NO.	DATE	REVISION	APPRO BY

NOT VALID FOR CONSTRUCTION
UNLESS SIGNED IN THIS BLOCK



Blair A. Foley, P.E., LLC
Civil Engineer / Development Consultant
120 Edgemere Way South - Naples, FL 34105
Phone (239) 263-1222 Cell (239) 289-4900 Fax (239) 263-0472 E-mail fols000@aol.com

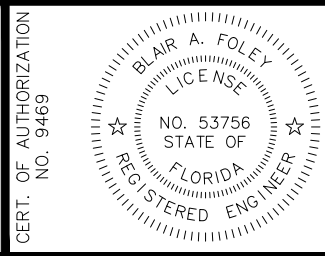


CLIENT:

844 101st Ave N
Collier County, Florida

844 101st Ave N

TYPE 2 STORMWATER DESIGN



844 101st Ave N

PROJ NO.: 20.001
SCALE: 1"=10'
DATE: 7/2022
SHT: CIV-1 OF 1