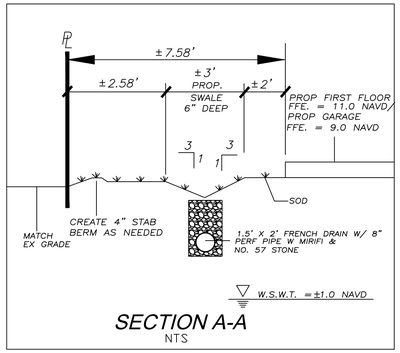
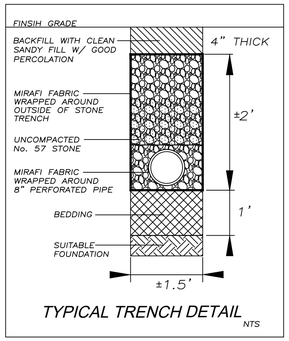
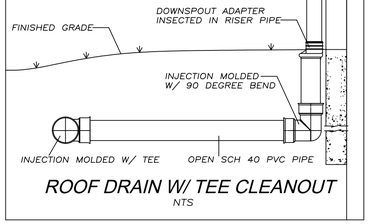


SECTION A-A
NTS



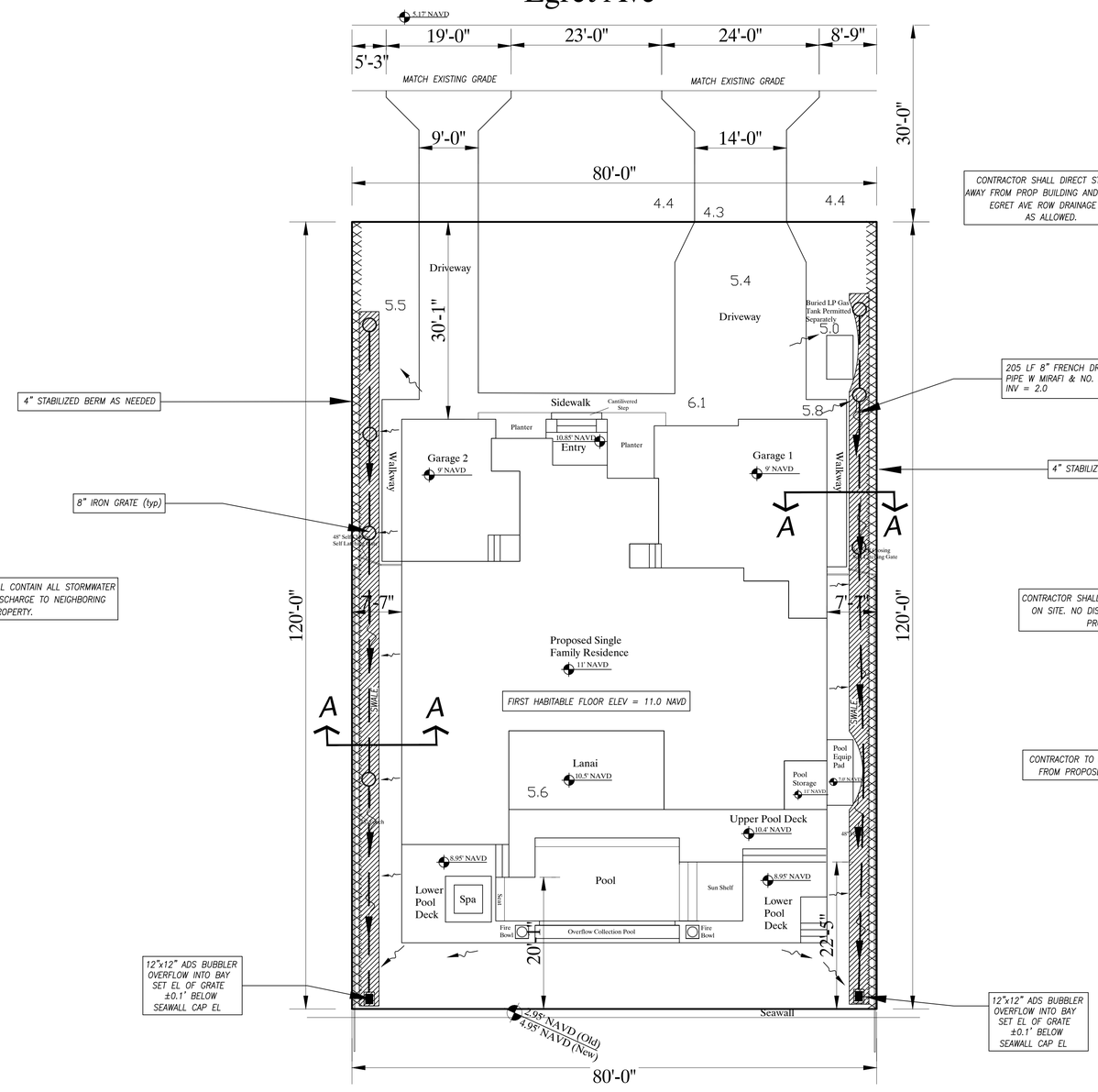
TYPICAL TRENCH DETAIL
NTS

NOTE:
CONTRACTOR TO CONNECT ROOF DOWNSPOUTS TO FRENCH DRAIN SYSTEM WHERE POSSIBLE.



ROOF DRAIN W/ TEE CLEANOUT
NTS

Egret Ave



Canal

CONTRACTOR SHALL DIRECT STORM WATER AWAY FROM PROP BUILDING AND TOWARDS THE EGRET AVE ROW DRAINAGE SYSTEM AS ALLOWED.

CONTRACTOR SHALL CONTAIN ALL STORMWATER ON SITE. NO DISCHARGE TO NEIGHBORING PROPERTY.

CONTRACTOR SHALL CONTAIN ALL STORMWATER ON SITE. NO DISCHARGE TO NEIGHBORING PROPERTY.

CONTRACTOR TO PROVIDE SHEET FLOW AWAY FROM PROPOSED BUILDING, AS NEEDED.

1" = 10'

LEGAL DESCRIPTION

LEGAL DESCRIPTION: CONNER'S VANDERBILT BEACH ESTATES, UNIT #3, LOT 9, BK. S, P.B. 3, PG. 89, COLLIER COUNTY, FL

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 J H MCCARRIER LAND SURVEYING, INC.
6. DIRECT STORM WATER AWAY FROM PROPOSED HOME VIA SHEET FLOW.
7. MATCH EXISTING GRADES AT PROPERTY LINES.
8. ALL ELEVATIONS REFERENCE NAVD.
9. ALL ROOF DOWNSPOUTS SHALL CONNECT DIRECTLY TO 8" FRENCH DRAIN.

SITE SUMMARY
PER LDC 6.05.03
ZONED RSF-3

IMPERVIOUS AREA (PROPOSED)
IMPERVIOUS AREA (DRIVE, POOL, WALK, BUILDING, PADS)

TOTAL	±6249 SF
SUBJECT PROPERTY IS DOWNSTREAM OF LAST CONTROL STRUCTURE, LDC 6.05.03.C.1.b	
TOTAL PROPOSED IMPERVIOUS TO BE TREATED	0
TOTAL LOT SIZE	= 9,600 SF

WATER QUALITY CALCULATIONS
PER LDC 6.05.03

WATER QUANTITY REQUIRED FOR 5 YEAR 1 DAY STORM EVENT IS 5"

5" (0 SF TOTAL IMPERVIOUS) SF * 1/12 = 0 CF REQ'D

TOTAL DETENTION REQUIRED = 0 CF
TOTAL DETENTION PROVIDED = 246 CF

LEGEND

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

Blair A Foley
Digitally signed by Blair A Foley
Date: 2021.04.20 14:24:03 -04'00'

362 Egret Ave

NO.	DATE	REVISION	APPD BY
5			
4			
3			
2			
1			

DESIGN
DRAWN
CHECKED
Q.C.

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: DUNCAN RESIDENCE

362 Egret Ave
Collier County, Florida

362 Egret Ave
TYPE 1 STORMWATER DESIGN

CERT. OF AUTHORIZATION NO. 9449
BLAIR A. FOLEY LICENSE NO. 53756 STATE OF FLORIDA REGISTERED ENGINEER

PROJ NO.: 20.033
SCALE: 1"=10'
DATE: 4/2021
SHT.: CIV-1 OF 1