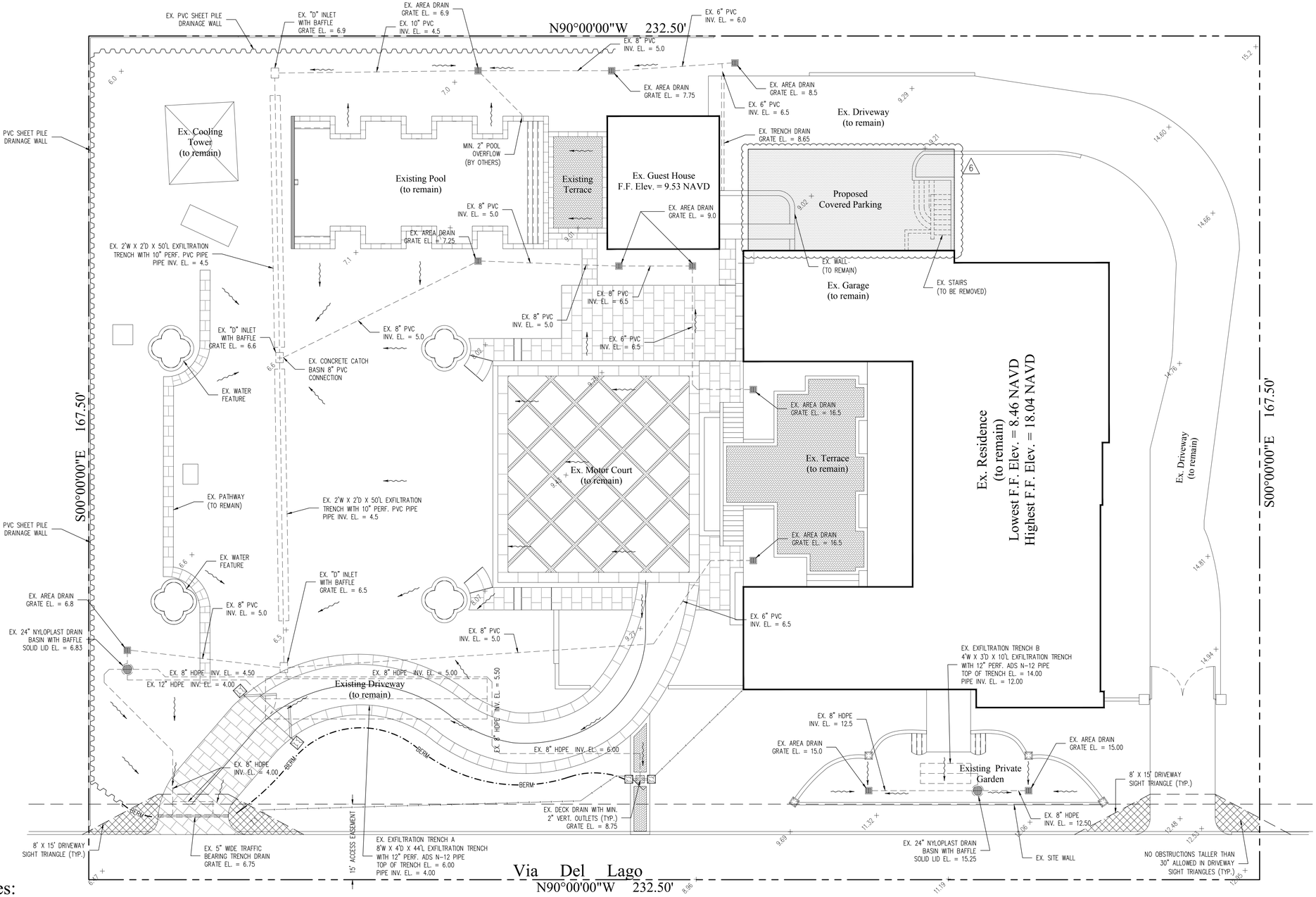


Notes:

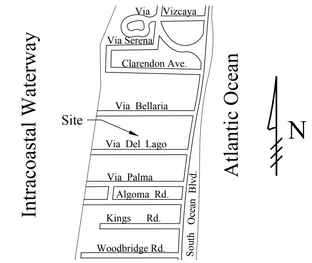
1) Exfiltration trenches and storm piping to be protected from roots with a root barrier.
2) Roof drain downspouts are to be connected to the proposed drainage system. Contractor to provide engineer with downspout locations prior to installation of drainage system.
3) Exfiltration trench design uses an assumed value of hydraulic conductivity. Client may obtain a site specific test for hydraulic conductivity prior to exfiltration trench installation.
4) Contractor shall mill and overlay all roadway cuts a minimum of 50 ft. on either side of the excavation the entire width of each affected lane.
5) Contractor is responsible for installing and maintaining erosion control measures during construction.
6) Video inspection of storm drainage system required prior to installation of sod.
7) Portions of existing storm drainage system shown per stormwater drainage plan by Doug Winter Companies, Inc. dated 11/11/98.
8) Existing storm drainage system to be cleaned, video inspected, re-habilitated and re-certified prior to completion of project.

Section 86-95 Threshold Calculations: 6

Total Site Area:	38,944 sq.ft.	% Redeveloped
Area Excl. Roadway:	36,860 sq.ft.	
Impervious Area:		
Existing:	17,712 sq.ft.	
Redeveloped:	726 sq.ft.	4.1%
Pervious Area:		
Existing:	19,148 sq.ft.	
Redeveloped:	96 sq.ft.	0.5%
Combined Impervious & Pervious Area:		
Existing:	36,860 sq.ft.	
Redeveloped:	822 sq.ft.	2.2%

48 HOURS BEFORE DIGGING CALL
1-800-432-4770
SUNSHINE STATE ONE CALL OF FLORIDA, INC.
Contractor is responsible for obtaining location of existing utilities prior to commencement of construction activities.

Gruber Consulting Engineers, Inc.
2475 MERCER AVE., SUITE 305
WEST PALM BEACH, FL 33401
PHONE: 561.312.2041
office@gruberengineers.com



Location Map
N.T.S.

Project Information	
Project No.	2018-0017
Issue Date	01/31/2018
Scale	1" = 10'
Drawn By	KM
Checked By	CG

Legend

- EXISTING ELEVATION PER AMERICAN SERVICES OF MIAMI CORP. (NAVD-88)
- PROPOSED ELEVATION (NAVD-88)
- PROPOSED ELEVATION CONTOUR (NAVD-88)
- FLOW DIRECTION
- EXFILTRATION TRENCH
- AREA DRAIN
- 24" NYLOPLAST DRAIN BASIN WITH BAFFLE

N

0 5 10 20 40

Scale: 1" = 10'

Renovation Grading & Drainage Plan For:
Glaser Residence
125 Via Del Lago
Palm Beach, Florida

Revisions	
1	02/12/2018
2	03/05/2018
3	03/28/2018
4	07/30/2018
5	09/13/2018
6	12/05/2022
7	
8	
9	
10	

CHAD M. GRUBER LICENSE No. 57466 STATE OF FLORIDA PROFESSIONAL ENGINEER

Digitally signed by Chad M Gruber
Date: 2022.12.05 14:22:46 -05'00'

This item has been electronically signed and sealed by Chad M. Gruber on the date adjacent to the seal using a SHA authentication code. Printed copies of this document are not considered signed and sealed and the SHA authentication code must be verified on any electronic copies.

Chad M. Gruber

FL P.E. No. 57466

1	02/12/18	UPDATE PLAN BACKGROUND; REVISE PROPOSED GRADING AND DRAINAGE
2	03/05/18	UPDATE PLAN BACKGROUND; REVISE PROPOSED GRADING AND DRAINAGE
3	03/28/18	REVISE PLAN PER COORDINATION WITH PROJECT REPRESENTATIVES
4	07/30/18	UPDATE PLAN BACKGROUND; REVISE PROPOSED GRADING AND DRAINAGE ON SOUTH SIDE OF RESIDENCE
5	09/13/18	ADD DRIVEWAY SIGHT TRIANGLES TO EXISTING EAST DRIVEWAY
6	12/05/22	ADD PROPOSED COVERED PARKING; ADD SEC. 86-95 THRESHOLD CALCULATION TABLE

Sheet No.
C-1

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