

# RESIDENTIAL ROCK WALL REPAIR

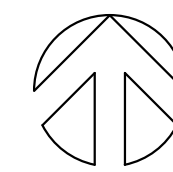
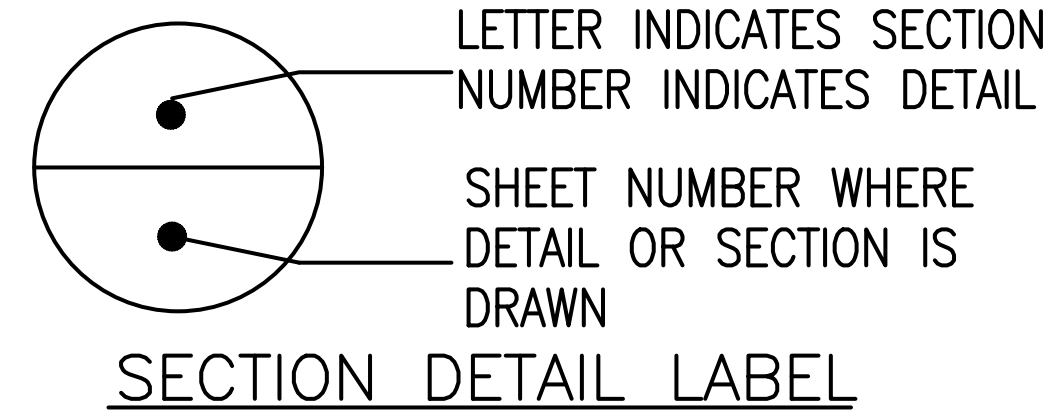
460 S SHORE DRIVE  
MIAMI BEACH, FL

LEGAL DESCRIPTION: LOT 12, BLOCK 52 OF "NORMANDY GOLF COURSE SUBDIVISION", ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 44, PAGE 62, OF THE PUBLIC RECORDS OF MIAMI-DADE COUNTY, FLORIDA.

INDEX OF SHEETS	
SHEET NO.	TITLE
G-1	LOCATION MAP AND GENERAL NOTES
G-2	TURBIDITY CONTROL PLAN
G-3	EXISTING SITE CONDITIONS
S-1	PROPOSED SITE PLAN
S-2	STRUCTURAL DETAILS



PROJECT SITE



MIAMI BEACH, FL

## GENERAL NOTES:

1. THE WORK CONSISTS OF FURNISHING ALL CONSTRUCTION, LABOR, EQUIPMENT AND MATERIALS AND PERFORMING ALL OPERATIONS IN CONNECTION WITH MARINE CONSTRUCTION AS SHOWN ON THESE DRAWINGS AND SPECIFIED IN THE CONTRACT DOCUMENTS.
2. THE CONTRACTOR SHALL ABIDE BY ALL NOTES AND CONDITIONS INDICATED ON THE CONSTRUCTION PLANS AND PERMITS. IF THE CONTRACTOR VIOLATES ANY CONDITION OF THE PERMIT AND WORK IS STOPPED BY A PUBLIC ENTITY, THEN ANY ADDITIONAL COSTS INCURRED BY THE CONTRACTOR SHALL BE PAID BY THE CONTRACTOR AND NOT CHARGED TO THE OWNER.
3. UNDERGROUND AND SUBAQUEOUS IMPROVEMENTS AND/OR UTILITIES WERE NOT LOCATED AS PART OF THIS SURVEY AND SHOULD BE FIELD VERIFIED PRIOR TO ANY MARINE CONSTRUCTION.
4. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL LOCAL PERMITS NECESSARY FOR THIS WORK. A PRECONSTRUCTION MEETING WILL BE HELD ON SITE TO VERIFY DETAILS AND METHODS OF CONSTRUCTION.
5. CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH OTHER UPLAND CONTRACTORS ON SITE.
6. OWNER IS RESPONSIBLE FOR OBTAINING ENVIRONMENTAL PERMITS FOR THE PROJECT. A COPY WILL BE PROVIDED TO THE CONTRACTOR,

AND THE CONTRACTOR SHALL ABIDE BY ALL REGULATIONS AND PERMIT CONDITIONS.

7. ANY DISCREPANCIES IN THE PLANS WITH FIELD CONDITIONS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER. CONSTRUCTION SHALL NOT CONTINUE UNTIL THE ENGINEER HAS ADDRESSED THE DISCREPANCIES.
8. CONTRACTOR SHALL COORDINATE WITH OWNER FOR UPLAND STAGING AREA.
9. EXCEPT AS NOTED ON THE PLANS, ALL MATERIALS AND CONSTRUCTION SHALL COMPLY WITH THE FLORIDA BUILDING CODE AND THE LATEST FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
10. CONSTRUCTION OF THE DOCK WILL BE PERFORMED FROM A 65' LONG AND 30' WIDE BARGE WITH A LOADED DRAFT OF 2'.

## BOUNDARY SURVEY NOTES:

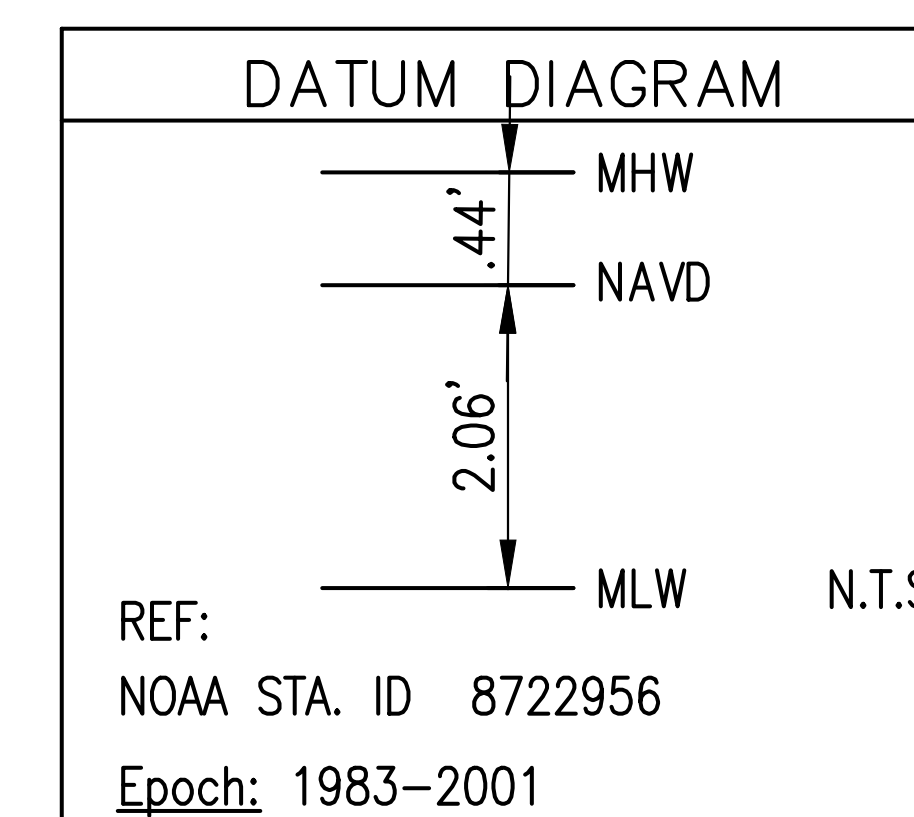
1. BOUNDARY SURVEY PROVIDED BY VIZCAYA SURVEYING AND MAPPING, INC., DATED MARCH 3, 2021.

## DEMOLITION NOTES:

1. REMOVE ALL CONCRETE AND OTHER OBSTRUCTIONS WITHIN LIMITS OF CONSTRUCTION AS NOTED ON THE DEMOLITION PLAN.

## LAYOUT AND TESTING NOTES:

1. ALL CONSTRUCTION STAKEOUT SHALL BE PERFORMED BY AND PAID FOR BY THE CONTRACTOR.
2. ALL TESTING AND INSPECTION FOR CONCRETE MATERIALS SHALL BE IN ACCORDANCE WITH FDOT SPECIFICATIONS, AND SHALL BE PERFORMED BY AN INDEPENDENT TESTING LABORATORY RETAINED BY THE CONTRACTOR.



Lighting Designers	Aquatic Engineers	Coastal Engineering												
Low voltage Consultants	Acoustic Consultant													
Structural Engineers	M/E/P Engineers													
Civil Consultant	Landscape Consultant													
Civiltch Solution, Inc 1882 S.W. 147th Place Miami, FL 33193 Licence No. 34820	RESIDENTIAL ROCK WALL REPAIR 460 S. Shore Drive Miami Beach, Florida 33141													
<table border="1"> <thead> <tr> <th>Rev</th> <th>Date</th> <th>Note</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>			Rev	Date	Note									
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CONSTRUCTION SET														
LOCATION MAP AND GENERAL NOTES														
No: 312600	Date: 8/17/22													
G-1														

PROPERTY LINE

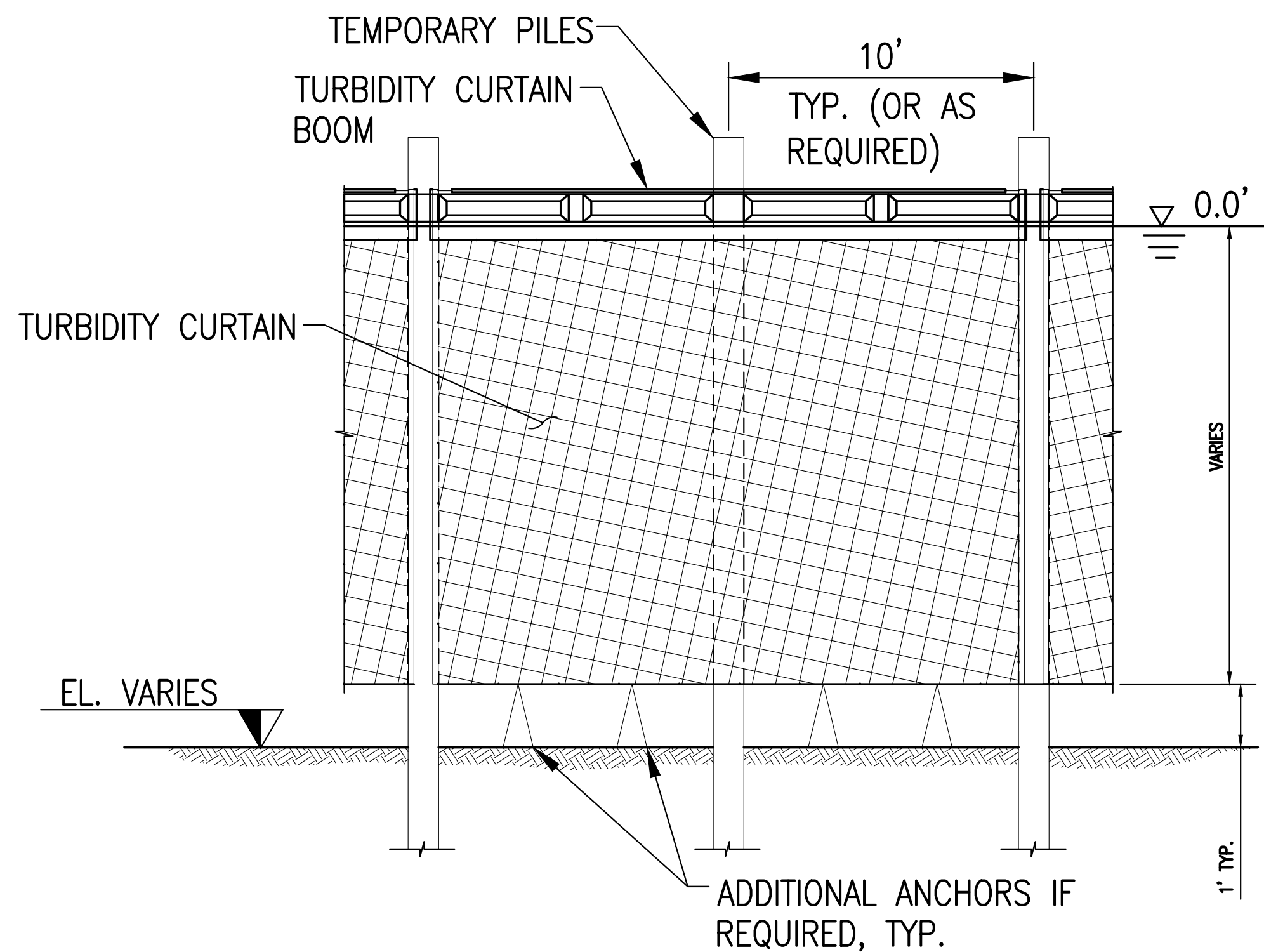
PROPERTY LINE

EXISTING CAP OVER ROCK WALL

TURBIDITY CURTAIN, REFER TO DETAIL ON THIS SHEET

SCALE IN FEET  
1" = 4'

### TURBIDITY CONTROL PLAN SCALE: 1" = 4'



TURBIDITY CURTAIN DETAIL  
NOT TO SCALE

#### TURBIDITY CONTROL AND MONITORING NOTES:

1. CONTRACTOR SHALL SUBMIT TURBIDITY CONTROL PLAN FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION IN ACCORDANCE WITH REGULATORY PERMITS.
2. TURBIDITY SHALL BE MONITORED AS OUTLINED IN THE REGULATORY PERMITS.

**General Sediment and Erosion Control Notes**

1. The contractor is responsible for following the best erosion and sediment control practices as outlined in the plans, specification, applicable permit(s), and the prevention, correction, control, and abatement of erosion and water pollution in accordance with chapter 62-302, Florida Administrative Code.
2. Erosion and sediment control barriers shall be placed where there is potential for downstream water quality degradation.
3. The site contractor is responsible for removing the temporary erosion and sediment control devices after completion of construction and only when areas have been stabilized.
4. The site contractor is responsible for the maintenance of BMPs to make sure they are functioning as designed at all times.
5. The BMP structures shall be inspected after each rain and repairs made as needed. Sediment deposits should be removed after each rainfall. They must be removed when the level of deposition reaches approximately one-half the height of the barrier.
6. Correctly installed silt fences will be used along the limits of construction to minimize offsite siltation migration.
7. Sod shall be placed in areas which may require immediate erosion protection to ensure water quality standards are maintained and where no active construction is occurring.
8. The contractor shall pay for any water quality control violations from any agency that results in fines being assessed to the owner because of the contractor's failure to eliminate turbid runoff from leaving the site and raising background levels of turbidity above existing background levels.

**Inlet Protection**

9. Wire mesh shall be laid over the top drop inlet so that the wire extends a minimum of 1 foot beyond each side of the inlet structure. Hardware cloth or comparable wire mesh with 1/2 - inch opening shall be used. If more than one strip of mesh is necessary the strips shall be overlapped.
10. FDOT NO. 1 coarse aggregate shall be placed over the wire mesh as indicated on detail. The depth of stone shall be at least 12 inches over the entire inlet opening. The stone shall extend beyond the inlet opening at least 18 inches on all sides.
11. If the stone filter becomes clogged with sediment so that it no longer adequately performs its function, the stone must be pulled away from the inlet, cleaned and replaced.
12. The filter barrier shall be entrenched and backfilled. A trench shall be excavated around the inlet and width of a bale to a minimum depth of four inches. After the bales are stacked, the excavated soil shall be backfilled and compacted against the filter barrier.
13. Bale shall be either wire-bound or string-tied with the bindings oriented around the sides rather than over and under the bales.
14. Bales shall be placed lengthwise in single row surrounding the inlet with the ends of adjacent bales pressed together.
15. Each bale shall be securely anchored and held in place by at least two stakes or rebars driven through the bale.
16. Loose straw should be wedged between bales to prevent water from entering between bales.

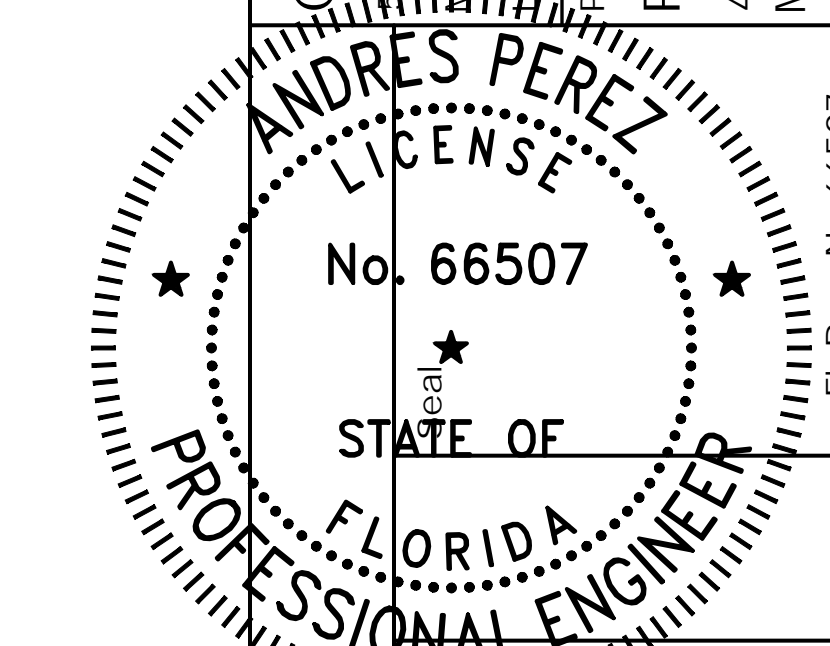
**Turbidity Barriers**

17. Floating turbidity barriers will be placed at all outfall locations connected to the work area during active construction. If seagrasses are present barriers will not be placed over them. The floating turbidity barriers shall be installed in a manner to prevent manatee entanglement.
18. Turbidity barriers to be marked with site contractor's company name using permanent markings no smaller than 3 inches in height on the top of the barrier.

**EROSION AND SEDIMENT CONTROL GENERAL NOTES**  
N.T.S.

<b>MIAMI BEACH</b> PUBLIC WORKS DEPARTMENT 1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL 33134	APPROVED: _____ REVISED: 12/16/2011 11/15/2012 07/11/2017	TITLE: SITE EARTHWORK DETAILS NO.2 EROSION AND SEDIMENT CONTROL GENERAL NOTES	SES14
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Civiltch Solution, Inc  
 1882 S.W. 147th Place  
 Miami, FL 33193  
 License No. 34820  
 Project  
**RESIDENTIAL ROCK WALL REPAIR**  
 460 S. Shore Drive  
 Miami Beach, Florida 33141



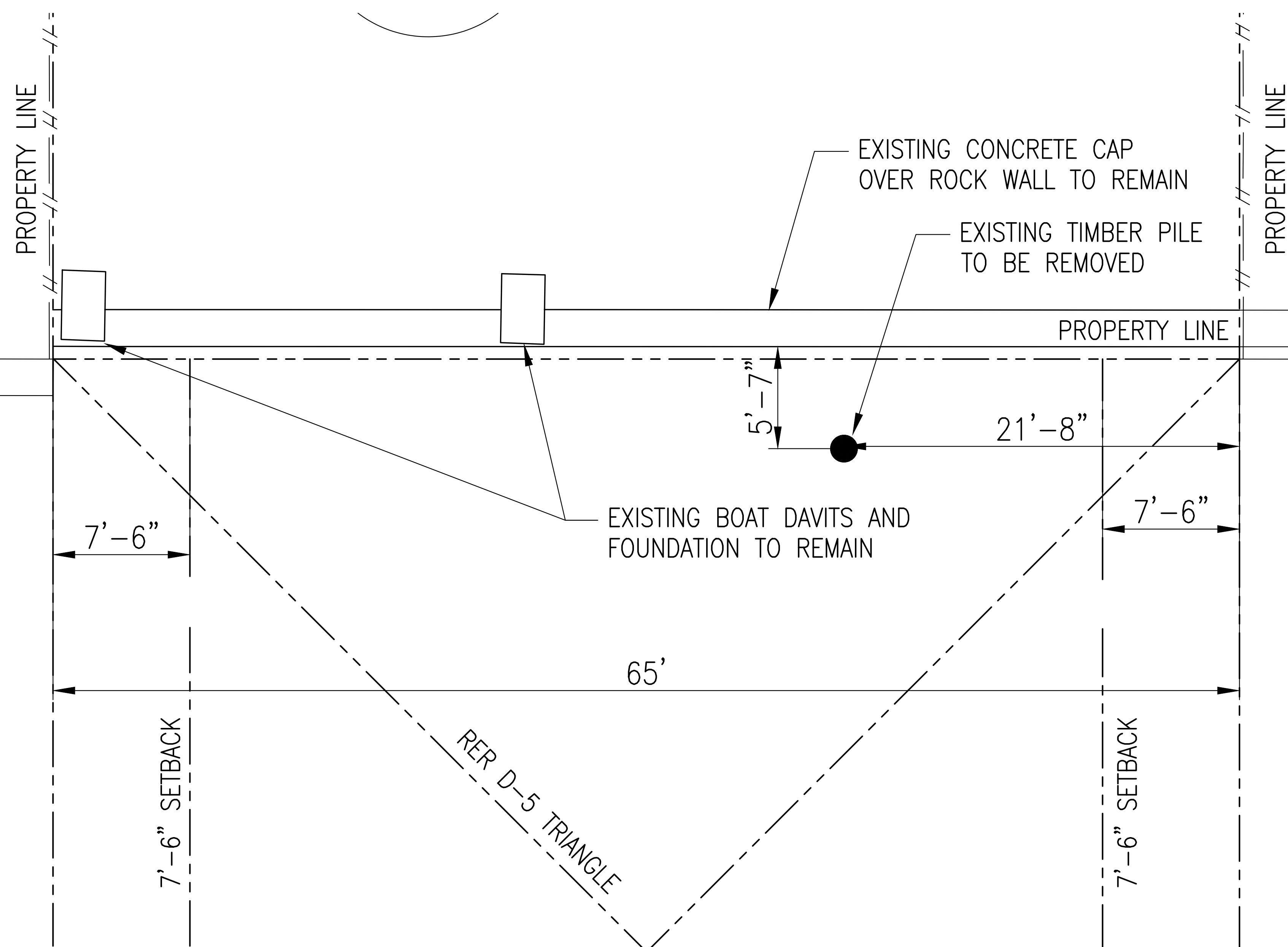
CONSTRUCTION SET

TURBIDITY CONTROL PLAN

No: 312600 Date: 8/17/22

G-3

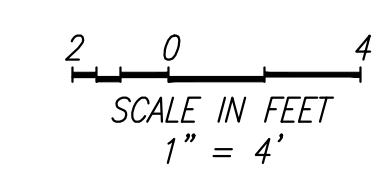
Lighting Designers	Aquatic Engineers	Coastal Engineering
Low voltage Consultants	Acoustic Consultant	
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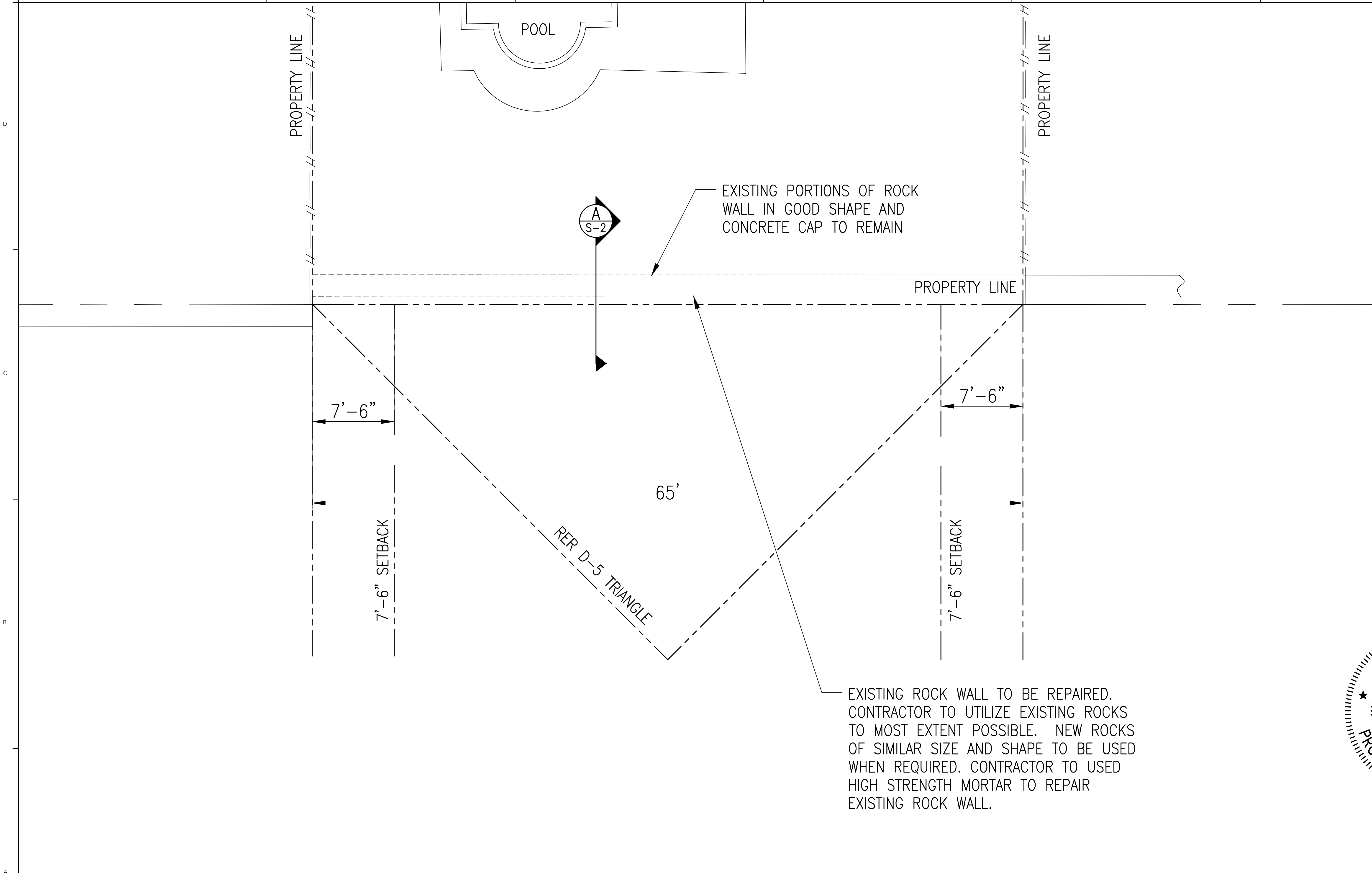
WATERWAY (150' WIDTH)



EXISTING SITE CONDITIONS  
SCALE: 1" = 4'

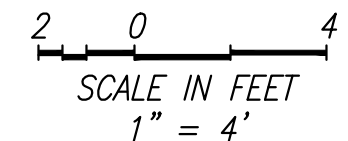


<b>CONSTRUCTION SET</b>	Lighting Designers	Acquatic Engineers	Coastal Engineering
	Low voltage Consultants	Acoustic Consultant	
	Structural Engineers	M/E/P Engineers	
	Civil Consultant	Landscape Consultant	
CiviltTech Solution, Inc 1882 S.W. 147th Place Miami, FL 33193 Licence No. 34820		Project <b>RESIDENTIAL ROCK WALL REPAIR</b> 460 S. Shore Drive Miami Beach, Florida 33141	
<small>SIGNED AND SEALED BY ANDRES PEREZ, P.E., License No. 66507, State of Florida, August 17, 2022. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.</small>			
Rev	Date	Note	
<b>EXISTING SITE CONDITIONS</b>			
No: 312600		Date: 8/17/22	
<b>G-4</b>			



WATERWAY (150' WIDTH)

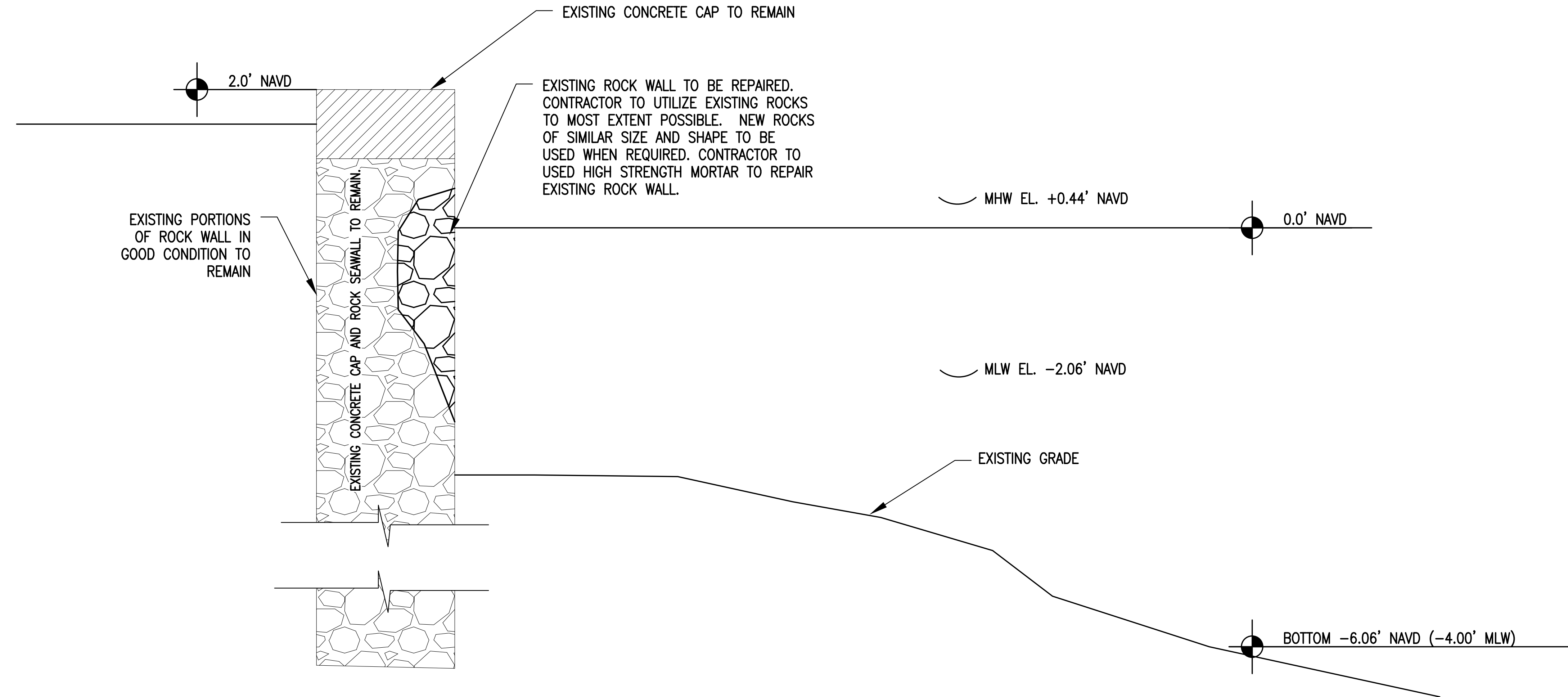
PROPOSED SITE PLAN  
SCALE: 1" = 4'



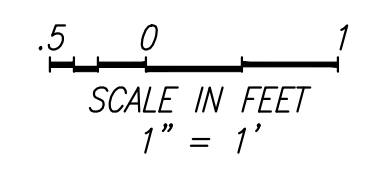
EXISTING PORTIONS OF ROCK WALL IN GOOD SHAPE AND CONCRETE CAP TO REMAIN

EXISTING ROCK WALL TO BE REPAIRED. CONTRACTOR TO UTILIZE EXISTING ROCKS TO MOST EXTENT POSSIBLE. NEW ROCKS OF SIMILAR SIZE AND SHAPE TO BE USED WHEN REQUIRED. CONTRACTOR TO USED HIGH STRENGTH MORTAR TO REPAIR EXISTING ROCK WALL.

Lighting Designers	Low voltage Consultants	Structural Engineers	Civil Consultant	CiviltTech Solution, Inc 1882 S.W. 147th Place Miami, FL 33193 Licence No. 34820 Project	RESIDENTIAL ROCK WALL REPAIR 460 S. Shore Drive Miami Beach, Florida 33141		No. 66507 STATE OF FLORIDA PROFESSIONAL ENGINEER <small>SIGNED AND SEALED BY ANDRES PEREZ REGISTERED PROFESSIONAL ENGINEER NO. 66507 STATE OF FLORIDA EXPIRES 12/31/2023.</small> <small>PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.</small>
CONSTRUCTION SET		PROPOSED SITE PLAN		No: 312600	Date: 8/17/22	S-1	



SECTION - A  
SCALE: 1" = 1'



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STRUCTURAL DETAILS			
No: 312600		Date: 8/17/22	
S-2			