

**CITY OF NAPLES  
PURCHASING DIVISION  
CITY HALL, 735 8<sup>TH</sup> STREET SOUTH  
NAPLES, FLORIDA 34102  
PH: 239-213-7100 FX: 239-213-7105**

**ADDENDUM NUMBER 1**

NOTIFICATION DATE:	SOLICITATION TITLE:	SOLICITATION NUMBER:	BID OPENING DATE & TIME:
<b>4/19/2021</b>	<b>Subaqueous Sewer Force Main Replacements (Crossings) - ITB</b>	<b>21-032</b>	<b>4/23/2021 2:00PM</b>

**THE FOLLOWING INFORMATION IS HEREBY INCORPORATED INTO,  
AND MADE AN OFFICIAL PART OF THE ABOVE REFERENCED BID.**

The following clarification is issued as an addendum identifying the following changes for the referenced solicitation.

**1. REVISED SCHEDULE OF VALUES FORM:**

**Attached Exhibit A is a REVISED SCHEDULE OF VALUES FORM. The Form replaced in its entirety the originally publish Schedule of Values Form.**

**THE REVISED SCHEDULE OF VALUES FORM (EXHIBIT A) MUST BE USED BY BIDDERS OR THE BID WILL BE REJECTED.**

2. Please find attached Exhibit B - Legal Sketches & Descriptions - Upland Easements that are applicable the Rock Creek and Gordon River subaqueous crossings.
3. Any restoration that may reside outside of the City limits and be within the Collier County right-of-way shall adhere to the latest version of Collier County's "Construction Standards Handbook for Work within the Right-of-Way, Collier County, Florida." The following link has been provided for reference:<https://www.colliercountyfl.gov/your-government/divisions-a-e/development-review/right-of-way-row-permitting-and-inspection-section/right-of-way-row-ordinances-resolutions-and-row-pe>:

**The following answers to written submitted questions:**

1. Bid items 2.1A and 2.1B specify 24" DR 11 HDPE and 20" DR 11 HDPE for force main installation. May 20" DR 18 Fusible PVC® pipe and 16" DR 18 Fusible PVC® pipe be approved as an equal to the HDPE?

Fusible PVC® pipe would offer the following benefits:

- a. Material consistency – all C900 PVC
- b. Standard waterworks fittings – No fused pr special fittings
- c. Eliminate the need for reducers

**IMPORTANT MESSAGE**

**PLEASE ACKNOWLEDGE RECEIPT OF THIS ADDENDUM ON THE BID COVER SHEET .**

**ANSWER: Department and Engineer of Record reviewed your request and determined not to approve your request that “May 20” DR 18 Fusible PVC® pipe and 16” DR 18 Fusible PVC® pipe be approved” for this project.**

2. What is the Engineers Estimate?

**ANSWER: The information you requested can be found on the City website at <https://www.naplesgov.com/purchasing/page/21-032-subaqueous-sewer-force-main-replacements-crossings-itb>.**

3. Can you provide the recorded easements where the new pipe is to be placed in both locations? The plans do not provide clear information on these locations.

**ANSWER: Please reference above clarification #2.**

4. There is a bid item for removing (4) existing gate valves. Please identify where they are shown on the plans?

**ANSWER: Please reference above clarification #1. Item 2.7C has been revised to “Close, Plug & Abandon Existing Valve”. This item is shown on plan sheet C4.**

5. What is the water table in this area? The documents say we are responsible for obtaining the dewatering permit and it will be required so would like to know what method of dewatering will be required.

**ANSWER: No soil borings were completed for this project. However, the approximate wet season water table can be expected to be within 1-2 feet below the ground surface. Bidders are encouraged to conduct any testing they deem necessary, at their own cost, prior to submitting their bid to ascertain the water table information.**

6. The Gordon River and the Rock Creek connections to the existing force main do not show any existing valves. Are there valves to isolate these tie-ins or are line stops required?

**ANSWER: There are some valves in certain locations depicted on the plans. However, please refer to the note on the plans instructing the contractor to coordinate temporary force main shutdowns with the City of Naples Utilities staff to facilitate making the tie-ins. The existing valves are to be operated only by City of Naples Utilities staff.**

7. Were the existing force mains crossing Gordon River and Rock Creek trenched?

**ANSWER: Unknown, but it is speculated that the existing force mains are ball and socket pipe that was laid on the bottom.**

8. The 20” above ground flow meter assembly shows restraining 140’ on the east side but the pipe on this side is the new HDPE. Please clarify.

**ANSWER: The fused HDPE joints would count toward the required restrained length.**

9. In Note 4 of this same detail it states to restrain the 30” pipe. Is this just a typo?

**ANSWER: Yes - Note 4 on Sheet D2 should state 20” instead of 30”.**

10. Neither details for the 30” flowmeter assembly or the 20” one show pipe supports. Are these not required?

**ANSWER: Please provide two pipe supports for each meter assembly, one on each side of the mag meter.**

**IMPORTANT MESSAGE**

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11. Also, neither detail shows the dimensions of the concrete pad that is to be placed. The only information shown is that is 8" thick. What are the dimensions of the pads for each of these installations?

**ANSWER: The concrete pad for the 20" meter assembly is 6' x 12', and the concrete pad for the 30" meter assembly is 6' x 16'.**

12. Are the existing 30", 20" 16" and 4" force mains all ductile iron?

**ANSWER: To the best of our knowledge, the 30", 20" & 16" force mains are believed to be ductile iron. The 4" force main is believed to be PVC.**

13. Can you please provide the location of the 30" force main that has to be restrained? Does this force main remain at the depth of 7' for the length of the area that is to be restrained?

**ANSWER: The alignment of the existing 30" force main is shown on plan sheet D4. The 30" pipe alignment remains relatively straight beyond the portion that is depicted on Sheet D4 per the record drawings for the WRF. The existing ground surface is slightly higher in certain areas on the WRF side (near the building). The pipe depth is expected to vary from approximately 7 feet to approximately 11 feet near the building. For the other locations that are required to be restrained, the pipe depth is expected to be approximately 7 feet. Bidders are encouraged to visit the site prior to submitting their bid to ascertain the variations in ground elevation in the area.**

14. Does the 20" above ground flow meter assembly have to be done at night?

**ANSWER: The 20" meter assembly can be constructed during normal working hours since it is a new installation on the new force main alignment. Portions of the 30" meter assembly can be pre-assembled during normal working hours, but the installation on the existing force main needs to be done at night with coordination of the City of Naples Utilities staff.**

15. Section 010501 states that the City will provide horizontal and vertical control points. I do not see any on the plans provided. Will this be provided at a later date?

**ANSWER: Yes - CADD files will be provided to the successful bidder at a later date.**

16. Section 02210 states that "Prior to grout fill, sewer lines, force mains, laterals and services to be abandoned shall be flushed clean to remove wastewater and solids. It also says the Contractor is responsible for the collection and disposal of this flushed water. Please provide a flushing plan so the amount of water to be handled can be calculated. Also, is there somewhere at the plant where this water can be disposed of?"

**ANSWER: Provide a minimum of 2 feet per second scour velocity for flushing. Also provide a volume of water for flushing equal to a minimum of twice the pipe volume. For the 20" pipe to be abandoned, the expected minimum water flushing volume is 72,000 gallons. For the 16" force main to be abandoned, the expected minimum water flushing volume is 28,000 gallons. The flushing water can be disposed of at the headworks of the Water Reclamation Facility. Please coordinate with City of Naples Utilities staff regarding timing of the flushing operations so as not to adversely impact plant operations.**

17. Section 02210 also says that bulkheads are to be placed every 1000 feet. Please provide a detail of this bulkhead.

**ANSWER: The City of Naples does not have any standard details for the bulkhead. The purpose of the bulkhead is to aid the grouting process to make sure that the pipe is**

**IMPORTANT MESSAGE**

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**completely filled. The contractor will be required to provide their proposed bulkhead details as part of their abandonment plan shop drawing submittal.**

18. Section 02210 indicates that vents are to be placed at a maximum spacing of 150'. The Gordon River force main is under a building for approx.. 375' and under the river for approx. 245' so how can these vents be placed every 150'? Also, please provide a detail for this vent.?

**ANSWER: The City of Naples does not have any standard details for the vent. The purpose of the vent is to provide access points to inject the grout into the pipe and have the grout migrate sufficiently inside the pipe. The contractor will be required to provide their proposed vent details as part of their abandonment plan shop drawing submittal. The submittal should also indicate the practical spacing limits between vents.**

19. Does the HDPE have to be pressure tested above ground prior to it being placed?

**ANSWER: No, please test the HDPE pipe after it has been installed. A mid-pull fuse will most likely be necessary for each drill due to the limited staging area available.**

20. The quantity for 4" Force Main Valves reads – 25 Each. I believe this should be a quantity of 1.

**ANSWER: Please reference above clarification #1.**

21. There is an allowance for Surface restoration, but the pipe installation line items also state to include restoration in the measurement and payment section. Please advise.

**ANSWER: The "Surface Restoration" line item is an allowance item subject to the authorization of the City. It is intended to cover the costs of any restoration work beyond what is included as part of other pay item descriptions. For instance, there may be restoration work required within the staging areas for the HDDs and grout injection points on the existing force main alignments. The work associated with this line item will be done on an as-needed basis against the allowance value, and the determination for the need of this item will be made in the field during construction.**

22. I am having difficulty understanding the sequence of stopping the water flow on doing the final tie ins. Note 23 on Sheet G2 says that no work shall be performed at night, I would think that these tie ins need to be performed at night?

**ANSWER: The contractor is to coordinate the timing and procedure for each tie-in with the City of Naples Utilities Department. The tie-ins are intended to be completed during times of low flows, which may occur during certain hours of the day or night. Nighttime work will need to be authorized in advance. The City of Naples Utilities Department should be able to operate valves in the force main transmission system and/or temporarily shut off lift stations to facilitate the tie-ins.**

23. How long are the pipes leading to these connections so we can calculate volumes of wastewater that needs disposed of?

**ANSWER: The following pipe footages are provided as estimates in order to allow contractors to estimate the volume of sewage that may be required to be pumped for the "tie-ins" required for the project:**

1. Gordon River crossing tie-ins:
  - a. Sewer System to the East of the Wastewater Treatment Plant:
    - i. 5,100 LF (Lineal Feet) of 16" sewer force main
    - ii. 2,100 FL of 20" sewer force main

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**b. Sewer System to the West of the Wastewater Treatment Plant:**

- i. 70 LF of 16” sewer force main**
- ii. 260 LF of 30” sewer force main**

**2. Rock Creek Crossing tie-ins:**

- a. 5,000 LF of 16” sewer force main**
- b. 400 LF of 20” sewer force main**

**The contractors will be required to field verify and coordinate all tie-ins and system shutdowns with the City. These pipe estimates also assume that all proposed isolation valves are functional and in operational condition.**

24. The alternate has a 30” Line stop to do the above ground meter, but there is no other line stops for the wastewater?

**ANSWER: There are no other valves on the 30” force main, which is why the line stop is required. The City should be able to reduce the flows sufficiently for the other force mains by operating valves and/or temporarily shutting off lift stations to facilitate the tie-ins.**

25. There is a bid item for disposal of Unsuitable Material as 1 LS, but there is no soil borings for the contractor to figure out how much there is? Can these be provided?

**ANSWER: No soil borings were completed for this project. Bidders are encouraged to conduct any testing they deem necessary, at their own cost, prior to submitting their bid.**

**The “Disposal of Unsuitable Material” line item is an allowance item subject to the authorization by the City with a value of \$25,000. Bidders do not need to estimate the cost of this work since it will be done on an as-needed basis against the allowance value, and the determination for the need of this item will be made in the field during construction.**

26. On the 30” Meter Assembly, the drawings specifically call for restraints on either side of the assembly, I can understand the south side, but the north side with the 90’s and Tee, do we need to dig all this up and restrain it, it should be already done?

**ANSWER: The contractor will need to verify in the field that the required length of restrained pipe is provided and may need to add additional restraints. They will need to bid accordingly. The portion of pipe at the 90 bend that the City exposed did not have restraints at the joints.**

27. Just as an FYI, Line-Item No. 2.3C, 4-Inch Gate Valves has a quantity of 25 Each. It should be quantity of 1 Each.

**ANSWER: Please reference above clarification #1.**

28. Please refer to line Item 2.6B on the bid schedule for Connection to Existing 16” Wastewater Main...is the quantity of 3 correct?

**ANSWER: Yes.**

**Exhibit A - REVISED SCHEDULE OF VALUES**

**Exhibit B - Legal Sketches & Descriptions - Upland Easements**

**###**

**IMPORTANT MESSAGE**

**PLEASE ACKNOWLEDGE RECEIPT OF THIS ADDENDUM ON THE BID COVER SHEET.**

**SCHEDULE OF VALUES**

**ITB 21-032**

**Subaqueous Sewer Force Main Replacements (Crossings) - ITB**

<b>DIVISION 1- GENERAL CONTRACT CONDITIONS</b>					
<i>Item</i>	<i>Item Description</i>	<i>Unit</i>	<i>Qty</i>	<i>Unit Cost</i>	<i>Amount</i>
1.1	Mobilization/Demobilization (Not More than 5% of Bid Amount)	LS	1		
1.2	Preconstruction Video	LS	1		
1.3	Maintenance of Traffic	LS	1		
1.4	Preparation of As-Built Drawings	LS	1		
<b>DIVISION 1 SUB-TOTAL</b>					

<b>DIVISION 2- WASTEWATER MAIN</b>					
<i>Item</i>	<i>Item Description</i>	<i>Unit</i>	<i>Qty</i>	<i>Unit Cost</i>	<i>Amount</i>
<b>2.1 Wastewater Force Main by Directional Drilling</b>					
2.1A	24" HDPE DR11 Wastewater Main HDD	LF	1335		
2.1B	20" HDPE DR11 Wastewater Main HDD	LF	860		
<b>2.2 Wastewater Force Main by Open-cut Installation</b>					
2.2A	20" PVC Wastewater Main Open-cut	LF	401		
2.2B	16" PVC Wastewater Main Open-Cut	LF	164		
2.2C	4" PVC Wastewater Main Open-Cut	LF	25		
<b>2.3 Furnish and Install Valves and Boxes</b>					
2.3A	20" Gate Valve	EA	3		
2.3B	16" Gate Valve	EA	3		
2.3C	4" Gate Valve	EA	1		
<b>2.4 Air Release Valve</b>					
2.4A	Air Release Valve	EA	4		
<b>2.5 Furnish and Install Above Ground Meter Assembly</b>					
2.5A	Above Ground 20" Meter Assembly (East side of WRF)	EA	1		
<b>2.6 Furnish and Install Connections to Existing Utility Main</b>					
2.6A	Connection to Existing 20" Wastewater Main	EA	2		
2.6B	Connection to Existing 16" Wastewater Main	EA	3		
2.6C	Connection to Existing 4" Wastewater Main	EA	1		
<b>2.7 Existing Wastewater Main and Appurtenance Abandonment/Grouting</b>					
2.7A	Grout and Abandon Existing 20" Wastewater Main	LF	2182		
2.7B	Grout and Abandon Existing 16" Wastewater Main	LF	1334		
2.7C	Close, Plug & Abandon Existing Valve	EA	1		
<b>DIVISION 2 SUB-TOTAL</b>					

<b>DIVISION 3- ALLOWANCE ITEMS (Subject to Authorization by Owner)</b>					
<i>Item</i>	<i>Item Description</i>				<i>Amount</i>
3.1	Disposal of Unsuitable Material				25,000
3.2	Surface Restoration				50,000
<b>DIVISION 3 SUB-TOTAL</b>					75,000

<b>BASE BID (BASIS OF AWARD)</b>		
DIVISION 1- GENERAL CONTRACT CONDITIONS	Sub-total	
DIVISION 2- WASTEWATER MAIN	Sub-total	
DIVISION 3- ALLOWANCE ITEMS (Subject to Authorization by Owner)	Sub-total	75,000
<b>TOTAL BASE BID AMOUNT</b>		

**Exhibit A - REVISED SCHEDULE OF VALUES**

<b>DIVISION 4- ALTERNATE BID ITEMS: ADDITIONAL 30" METER ASSEMBLY</b>					
<i>Item</i>	<i>Item Description</i>	<i>Unit</i>	<i>Qty</i>	<i>Unit Cost</i>	<i>Amount</i>
4.1	30" Line Stop	EA	1		
4.2	Above Ground 30" Meter Assembly (West side of WRF)	EA	1		
<b>DIVISION 4 SUB-TOTAL</b>					-

**This solicitation has potential for P-Card Payment. Does your company accept credit card payment? YES\_\_\_ NO\_\_\_**

If "yes" please indicate payment options on the below chart.

<b>Payment Options</b>	<b>YES</b>	<b>NO</b>	<b>PERCENT AND/OR TERMS FOR EARLY PAYMENT</b>
Is there a discount for a credit card payment?			
Is there an additional charge for credit card payment?			
Discount for early payment?			
Prompt payment terms: _____% _____ Days; Net 30 Days			

Company Name: \_\_\_\_\_

EIN: \_\_\_\_\_

Email: \_\_\_\_\_

Name and Title of individual completing this schedule:

\_\_\_\_\_  
(Printed Name)

\_\_\_\_\_  
(Title)

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Date)



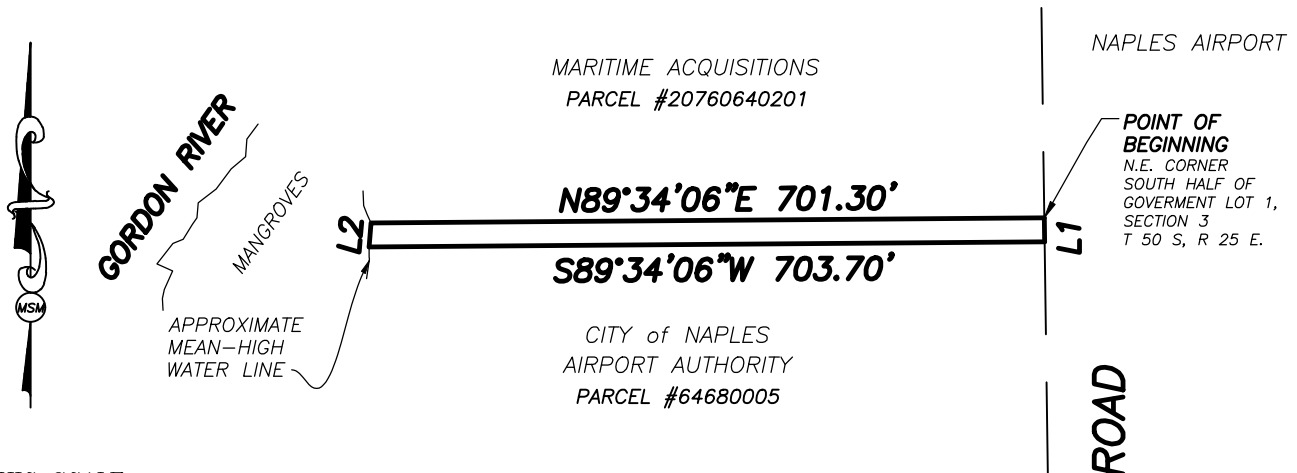
**Exhibit B - Legal Sketches & Descriptions - Upland Easements**

**DESCRIPTION**

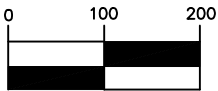
The North 25.00 feet of the South Half of Government Lot 1, Section 3, Township 50 South, Range 25 East, Collier County, Florida being more particularly described as follows:

**Beginning** at the Northeast corner of the South half of Government Lot 1, Section 3, Township 50 South, Range 25 East, Collier County, Florida. Thence run South 00°48'27" East along the east line of said Government Lot 1, for a distance of 25.00 feet to it's intersection with a line lying 25.00 feet southerly of, when measured at right angles to, the North line of the South half of said Government Lot 1; thence run South 89°34'06" West, parallel with the North line of the South half of Government Lot 1 for a distance of 703.70 feet to it's intersection with the mean high water line of the Gordon River; thence run North 04°41'04" West along the mean high water line of the Gordon River for 25.10 feet to it's intersection with the North line of the South half of said Government Lot 1; thence run North 89°34'06" East, along the North line of the South half of said Government Lot 1, for a distance of 701.30 feet to the **Point of Beginning**.

Containing 17,562 square feet or 0.40 acres more or less



**GRAPHIC SCALE**



( IN FEET )  
1 inch = 100' ft.

LINE TABLE		
LINE	BEARING	DISTANCE
L1	S0°48'27"E	25.00'
L2	N4°41'04"E	25.10'

**Notes:**

1. This is not a survey.
2. Bearings are based on the North line of Government Lot 1, Section 3, T 50 S, R 25 E, Collier County, Florida being N89°34'06"E.
3. All dimensions are in feet and decimals thereof, unless otherwise indicated.

For the Exclusive Use Of:  
Weston & Sampson

**David Hyatt PSM**

Digitally signed by David Hyatt PSM  
Date: 2021.03.31 08:07:32 -04'00'

David J. Hyatt, PSM,  
Florida License No. 5834  
Not valid without the signature and original seal of the Florida Licensed Professional Surveyor and Mapper Certificate of Authorization #7705.

**MARCO SURVEYING & MAPPING**  
A LIMITED LIABILITY COMPANY  
MARCO SURVEYING & MAPPING  
3205 BECK BOULEVARD  
NAPLES, FLORIDA 34114  
(239) 389-0026  
WWW.MARCOSURVEYS.COM

SKETCH & DESCRIPTION				
A Portion of Section 3, T 50 S, R 25 E, Collier County, Florida				
CLIENT:	Weston & Sampson			
PROJECT #:	P858	SUB PROJECT:		
DRAFTED BY:	DATE	SCALE	WO NUMBER	SHEET #
R.Y.	03/2021	1" = 200"	20-220	1
			DRAWING NO.	1-165



**Exhibit B - Legal Sketches & Descriptions - Upland Easements**



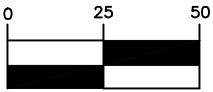
**DESCRIPTION**

The East 25.00 feet of Lot 1, Rainbow Cove as recorded in Plat Book 3, Page 92, Collier County, Florida.

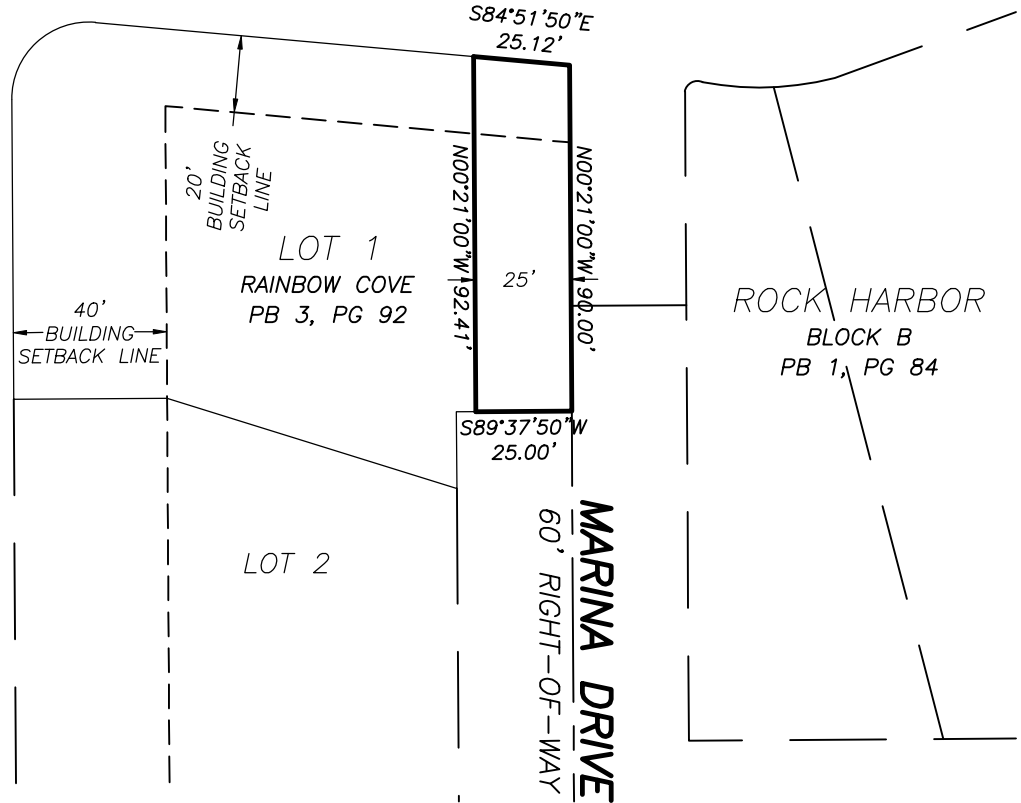
Containing 15,410 square feet or 0.35 acres more or less

ROCK CREEK

**GRAPHIC SCALE**



( IN FEET )  
1 inch = 100' ft.



**Notes:**

1. This is not a survey.
2. All dimensions are in feet and decimals thereof, unless otherwise indicated.

*For the Exclusive Use Of:*  
Weston & Sampson

**David Hyatt PSM**

Digitally signed by David Hyatt PSM  
Date: 2021.03.31 08:10:36 -04'00'

David J. Hyatt, PSM,  
Florida License No. 5834  
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**MARCO SURVEYING & MAPPING**  
A LIMITED LIABILITY COMPANY  
3205 BECK BOULEVARD  
NAPLES, FLORIDA 34114  
(239) 389-0026  
WWW.MARCOSURVEYS.COM

SKETCH & DESCRIPTION					
A Portion of Lot 1, Rainbow Cove, Collier County, Florida					
CLIENT:	Weston & Sampson				
PROJECT #:	P858	SUB PROJECT:			
DRAFTED BY:	DATE	SCALE	WO NUMBER	SHEET #	DRAWING NO.
R.Y.	03/2021	1" = 50'	20-220	1	1-164

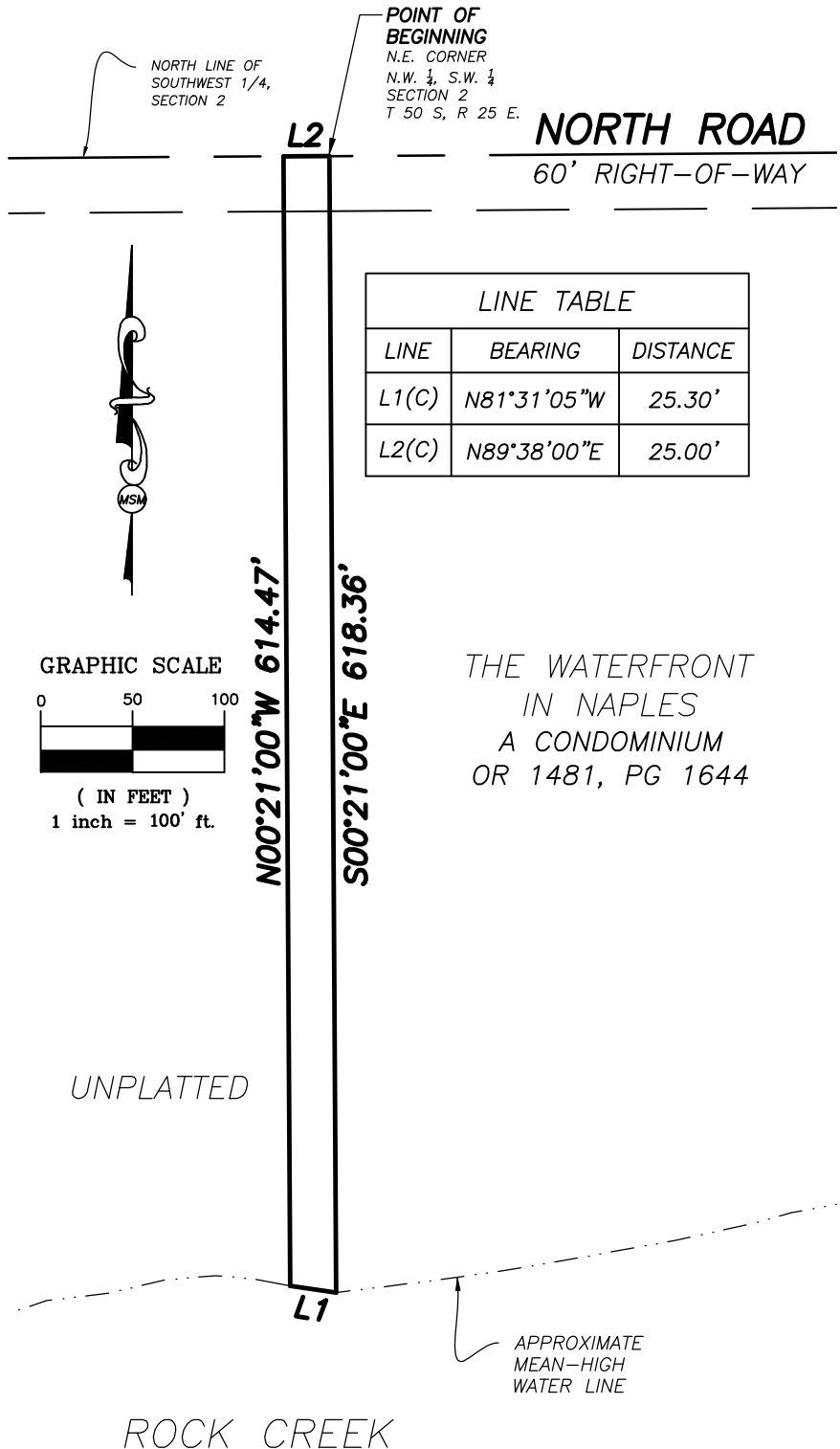
**Exhibit B - Legal Sketches & Descriptions - Upland Easements**

**DESCRIPTION**

The East 25.00 feet of the Northwest 1/4 of the Southwest 1/4 of Section 2, Township 50 South, Range 25 East, Collier County, Florida being more particularly described as follows:

**BEGINNING** at the Northeast corner of the Northwest 1/4 of the Southwest 1/4, Section 2, Township 50 South, Range 25 East, Collier County, Florida. Thence run South 00°21'00" East, along the east line of said Northwest 1/4 of the Southwest 1/4 of Section 2, for a distance of 618.36 feet to it's intersection with the mean high water line of the Rock Creek; thence run North 81°31'05" West along the mean high water line of Rock Creek for 25.30 to it's intersection with a line lying 25.00 feet westerly of, when measured at right angles to, the East line of said Northwest 1/4 of the Southwest 1/4 of Section 2; Thence run North 00°21'00" West, parallel with the east line of said Northwest 1/4 of the Southwest 1/4 of Section 2, for a distance of 614.47 feet to it's intersection with the north line of said Southwest 1/4 of Section 2; thence run North 89°38'00" East, along the North line of Southwest 1/4 of Section 2, for a distance of 25.00 to the **POINT OF BEGINNING**.

Containing 15,410 square feet or 0.35 acres more or less



THE WATERFRONT  
IN NAPLES  
A CONDOMINIUM  
OR 1481, PG 1644

UNPLATTED

**Notes:**

1. This is not a survey.
2. Bearings are based on the East line of the N.W 1/4 of the S.W. 1/4 of Section 2, T 50 S, R 25 E, Collier County, Florida being S00°21'00"E.
3. All dimensions are in feet and decimals thereof, unless otherwise indicated.

For the Exclusive Use Of:  
Weston & Sampson

**David Hyatt PSM**

Digitally signed by David Hyatt PSM  
Date: 2021.03.31 08:09:11 -04'00'

David J. Hyatt, PSM,  
Florida License No. 5834  
Not valid without the signature and original seal of the Florida Licensed Professional Surveyor and Mapper Certificate of Authorization #7705.

**SKETCH & DESCRIPTION**

A Portion of Section 2,  
T 50 S, R 25 E,  
Collier County, Florida

CLIENT:	Weston & Sampson				
PROJECT #:	P858	SUB PROJECT:			
DRAFTED BY:	DATE	SCALE	WO NUMBER	SHEET #	DRAWING NO.
R.Y.	03/2021	1" = 100'	20-220	1	1-164