



1112 Manatee Avenue West
Bradenton, FL 34205
purchasing@mymanatee.org

Solicitation Addendum

Addendum No.: 3
Solicitation No.: 21-TA003799DJ
Project No.: 6067781
Solicitation Title: Braden Woods Lift Station Upgrade and New Force Main
Addendum Date: September 1, 2021
Procurement Contact: Dave Janney
Senior Procurement Agent

IFBC 21-TA003799DJ is amended as set forth herein. Responses to questions posed by prospective bidders are provided below. This Addendum is hereby incorporated in and made a part of IFBC 21-TA003799DJ.

The deadline to submit all inquiries concerning interpretation, clarification or additional information pertaining to this IFBC was August 27, 2021.

CHANGE TO:

SECTION A, INFORMATION FOR BIDDERS

SECTION A, INFORMATION FOR BIDDERS, A.03 PUBLIC OPENING OF BIDS, has been updated to a virtual opening of bids.

A.03 PUBLIC OPENING OF BIDS

Bids will be opened immediately following the Due Date and Time at the Manatee County Administration Building, Suite 803 in the presence of County officials. Bidders or their representatives may attend the Bid opening virtually by accessing the link below.

Zoom® Webinar Link: <https://manateecounty.zoom.us/j/81952055391>

Manatee County will make public at the opening the names of the business entities which submitted a Bid and the total bid price submitted. No review or analysis of the Bids will be conducted at the Bid opening.

ADD:

BID ATTACHMENT 4, TOPOGRAPHIC SURVEY

The Bid Attachment 4 Topographic Survey, is hereby incorporated as a separate attachment to the IFBC.

REPLACE:

BID ATTACHMENT 3, PLANS, SHEET D-201

Replace Sheet Bid Attachment 3, Plans, Sheet D-201 with revised Plan Sheet D-201 issued with the Addendum 3 and available for download as a separate attachment.

QUESTIONS AND RESPONSES:

Q1. We need some clarification on the specifications for the proposed electromagnetic flow meter (magmeter) on the subject project, IFB No. 21-TA003799DJ.

In Section 40 90 01, Supplement 2-1, Paragraph A., F4 Flow Element and Transmitter, Electromagnetic:

There are no technical specifications for the proposed magmeter.

Please confirm that a polyurethane liner, stainless steel electrodes, stainless steel grounding rings, and a remote transmitter with integral calibration condition verification are required.

R1. As indicated in Addendum 3, Q3, the McCrometer Ultramag flowmeter model was already explicitly identified by the County for use at Lift Stations. As such, a separate specification was not included. Ultramag includes NSF approved "UltraLiner" material, along with stainless steel electrodes, as default selection. It is confirmed that stainless steel grounding materials and remote transmitter electronics are required for the meter.

Q2. In Section 40 90 01, Supplement 3-1, Instrument and Component List, FE/FIT – 130, F4 Flow Element and Transmitter, Electromagnetic:

The tube size is indicates as 10 inches. But, on Drawing N-601, the pipeline size is 8 inch. Drawing D-201 also indicates an 8 inch flow meter.

Please confirm that magmeter Instrument List should indicate an 8 inch tube size.

R2. Proceed with 8-inch magmeter tube size as depicted in Drawings N-601 and D-201.

Q3. On Drawing N-601, Sheet Keynote # 5:

A McCrometer Ultramag magmeter is specified. Endress+Hauser magmeters are being supplied on several Manatee County Wastewater projects currently under construction.

Please confirm that Endress+Hauser is an approved magmeter manufacturer.

R3. The McCrometer Ultramag was explicitly identified by the County as the approved magmeter for Lift Stations.

Q4. The plans call out 5 existing manholes to be rehabilitated, but there is no rim or invert information concerning the depth of the manholes. Can this information be provided? Please advise.

R4. See Bid Attachment 4 Topographic Survey issued with this Addendum 3 and available for download as a separate attachment.

Q5. Plan sheet 3 of 36, General Yard Piping and Utility Notes, note 7, 2nd sentence states, "Controlled low-strength material support is required as shown on 3123-120". Will CLSM actually be required where called out in the plans? With the prescribed depth of the proposed 8" FM and the installation being in green areas, normal compaction procedures under the existing storm drain should suffice and the CLSM not needed. The called out placing of CLSM where the proposed 8" FM is installed under existing water and sewer services is not common practice and seems to be a bit of overkill. Please advise.

R5. CLSM is required where new pipes are installed below existing pipes since proper compaction of the material between them is difficult to achieve.

Q6. Referencing the Technical Specifications, Section 31 23 23.15, Trench Backfill, Part 2 – Products, section 2.02 – Tracing wire. Paragraph A, Material, states "Minimum 10-gauge solid copper or copper jacket with a steel core". The current approved products list only mentions, "Solid #10-gauge, high strength, copper clad steel wire", with no mention of solid copper wire. Please clarify what is acceptable as the technical spec and APL differ.

R6. Solid #10-gauge, high strength, copper clad steel wire is acceptable as described in the current County approved products list.

Q7. During the site visit and inspecting the five existing manholes that are called out to be rehabbed, the three manholes that are located on Clubhouse Dr. and the one on Pine Meadow Way appeared to already have a spray-applied liner with three having ring and covers dated 2020, and the fourth manhole where the existing FM dumps in, has a polymer ring and cover. Are we to rehab already rehabbed manholes? Please advise.

R7. All manholes will be inspected during pre-con as of current condition. Please bid as if all five manholes are to be rehabbed.

Q8. Plan sheet C-204 shows the new power coming from the existing power pole and running to the new control panel. Will the Peace River Coop be providing the transformer/handhole located at the existing power pole where the proposed electrical service is to be run to? Please clarify.

R8. Refer Bid Attachment 2 Specifications, section 26 05 02-1.04 for Electrical Service Division of Responsibility and Drawing E-501 for reconnection to existing electrical service.

Q9. Referencing plan sheet 17, Drawing C-204. The driveway is called out as Concrete Pavement (3213-240). Concrete Pavement Detail (3213-240) as shown on sheet 21, DWG: C-504 is different than the typical Manatee County Lift Station driveway detail US-16 as shown on sheet 19. Which detail is to be followed? Plan sheet 4 calls out Cast in Place concrete to be 4000 psi. Manatee specification is 3000 psi. What psi is to be followed for this project? Please clarify.

R9. Use detail 3213-240 provided in the drawings for Concrete Pavement Plan sheet 4 is for structural concrete, not concrete pavement. Concrete pavement shall be 3,000 psi as specified in Section 32 13 13, Concrete Pavement.

Q10. Referencing plan sheet 25, DWG: D-201, Upper Plan on the left side of the sheet calls out Concrete Pad, Type H (0330-156). Detail (0330-156) is not provided in the plans. Is Concrete Pad detail (0330-156) different than the detail and notes as shown in the Manatee County US-19 detail on sheet 23? Please clarify.

R10. Typo on detail callout on sheet D-201, revise 0330-156 to 0330-056. Concrete Pad Type H 0330-056 is shown on sheet S-501. Refer to Bid Attachment 3, Plans, Addendum 1, Sheet D-201.

NOTE:

Items that are ~~struck through~~ are deleted. Items that are underlined have been added or changed. All other terms and conditions remain as stated in the IFBC.

INSTRUCTIONS:

Receipt of this Addendum must be acknowledged as instructed in the solicitation document. Failure to acknowledge receipt of this Addendum may result in the response being deemed non-responsive.

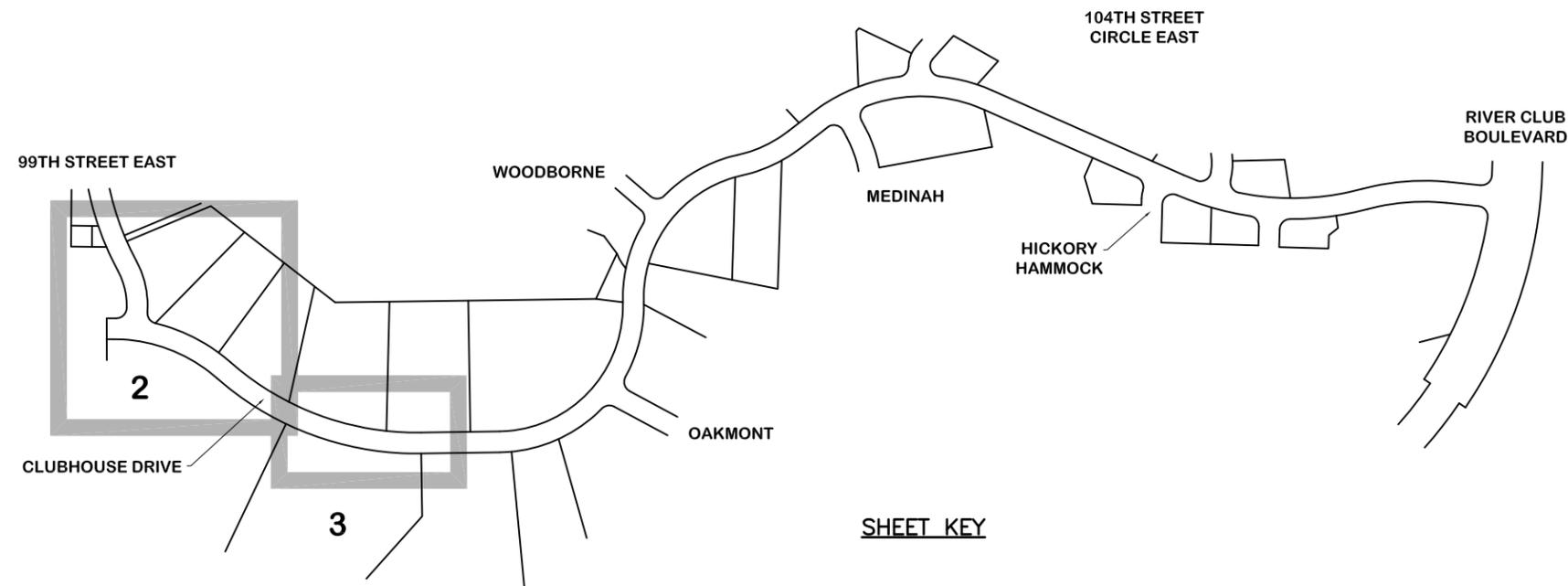
END OF ADDENDUM

AUTHORIZED FOR RELEASE



GENERAL NOTES

1. THE FOLLOWING NGS VERTICAL CONTROL MONUMENT WAS RECOVERED AND UTILIZED FOR THE ELEVATIONS INDICATED HEREIN: "HORSESHOE BEACH" NAVD 1988 ELEVATION 21.89'
2. THIS SURVEY IS REFERENCED TO A GRID PROJECTION OF THE FLORIDA STATE PLANE COORDINATE SYSTEM (WEST ZONE NAD 1983/2011 ADJUSTMENT).
3. THIS IS NOT A BOUNDARY SURVEY. TITLE WORK WAS NOT PROVIDED.
4. THIS SURVEY IS SUBJECT TO PERTINENT EASEMENTS, RIGHTS-OF-WAY AND RESTRICTIONS OF RECORD, IF ANY.
5. THIS SURVEY DRAWING WAS PREPARED FOR THE EXCLUSIVE USE OF THE PARTY OR PARTIES CERTIFIED TO BELOW FOR THE EXPRESS PURPOSE STATED HEREON AND/OR CONTAINED IN THE CONTRACT BETWEEN HYATT SURVEY SERVICES, INC. AND THE CLIENT FOR THIS PROJECT. COPYING, DISTRIBUTING AND/OR USING THIS DRAWING, IN WHOLE OR IN PART FOR ANY PURPOSE OTHER THAN ORIGINALLY INTENDED WITHOUT WRITTEN CONSENT FROM HYATT SURVEY SERVICES, INC. IS STRICTLY PROHIBITED AND RENDERS THE SURVEYOR'S CERTIFICATION, SIGNATURE AND SEAL NULL AND VOID. ANY QUESTIONS CONCERNING THE CONTENT OR PURPOSE OF THIS DRAWING SHOULD BE DIRECTED TO HYATT SURVEY SERVICES, INC.



LEGEND

- ⊕ SITE CONTROL POINT
- IRON PIPE FOUND
- IRON ROD FOUND
- CONCRETE MONUMENT FOUND
- ⊠ GRATE INLET
- ▭ MITERED END SECTION
- ⊙ STORM MANHOLE
- Ⓜ MAILBOX
- GAS MARKER
- BOLLARD
- ⊙ CLEANOUT
- Ⓢ SIGN
- ⊘ WOOD UTILITY POLE
- ⊘ CONCRETE UTILITY POLE
- ⌒ GUY WIRE
- ⊠ WATER METER
- ⊗ WATER VALVE
- ⊙ SANITARY MANHOLE
- ⊕ FIRE HYDRANT
- ⊙ BACKFLOW PREVENTER
- COMMUNICATION MARKER
- UTILITY RISER
- ▭ UTILITY HANDHOLE
- ⊕ TRAFFIC SIGNAL POLE
- ⊙ ANTENNA
- R/W RIGHT-OF WAY
- ND NAIL W/ DISC
- IR IRON ROD W/ CAP
- PID PARCEL IDENTIFICATION
- ORB OFFICIAL RECORDS BOOK
- PG PAGE
- 🌲 PINE
- 🌴 PALM
- 🌳 TREE

SHEET KEY

SITE CONTROL

DESIGNATION	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1122639.01	512461.36	23.21'	IR (LB 7203)
2	1122412.64	512586.38	21.08'	IR (LB 7203)
3	1122185.59	512892.74	19.08'	IR (LB 7203)

NO. INDEX OF SHEETS

- 1 COVER SHEET
- 2-3 PLAN SHEETS

Hyatt Survey Services, Inc.

LB No.: 7203 Geographic Data Specialists

2012 Lena Road Bradenton, Florida 34211

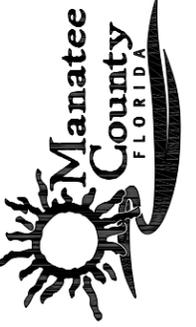
Phone: (941) 748-4693 Fax: (941) 744-1643

THIS SURVEY IS NOT VALID WITHOUT THE ORIGINAL SIGNATURE AND RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

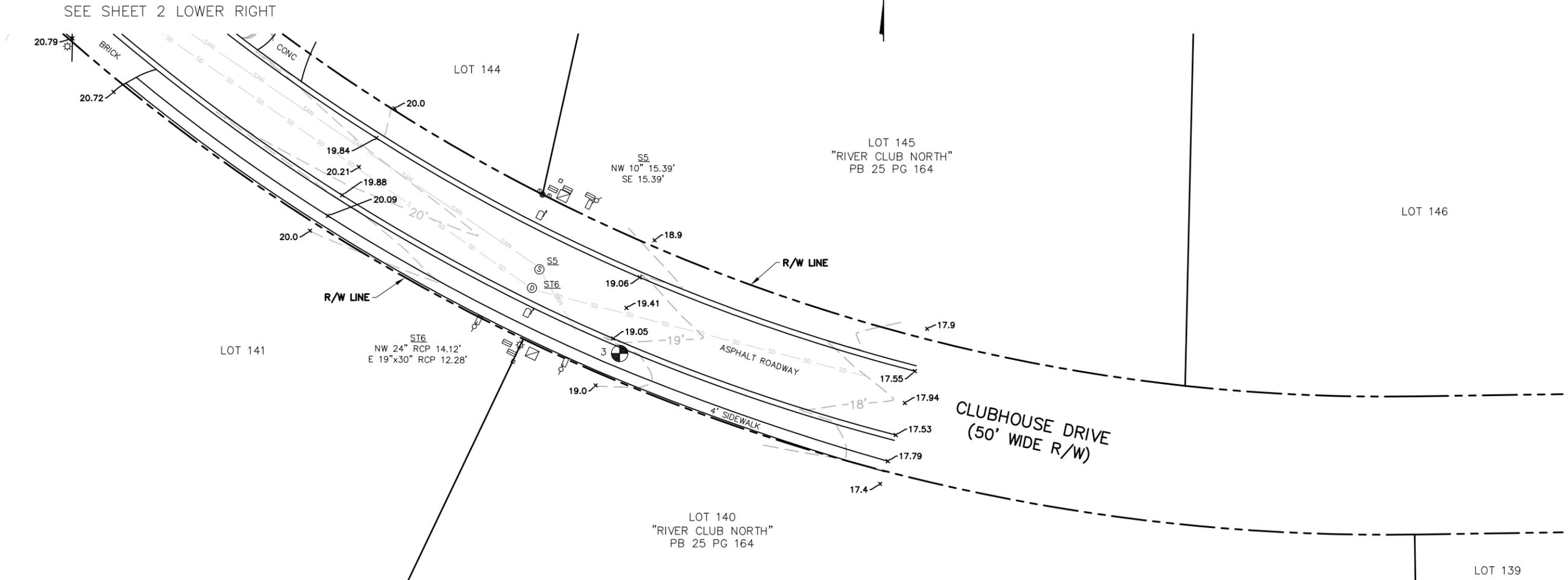
RUSSELL P. HYATT, PSM
FLORIDA SURVEYORS REGISTRATION NO. 5303

**TOPOGRAPHIC SURVEY
BRADEN WOODS LS / CLUBHOUSE DRIVE FM
MANATEE COUNTY, FLORIDA
COVER SHEET**

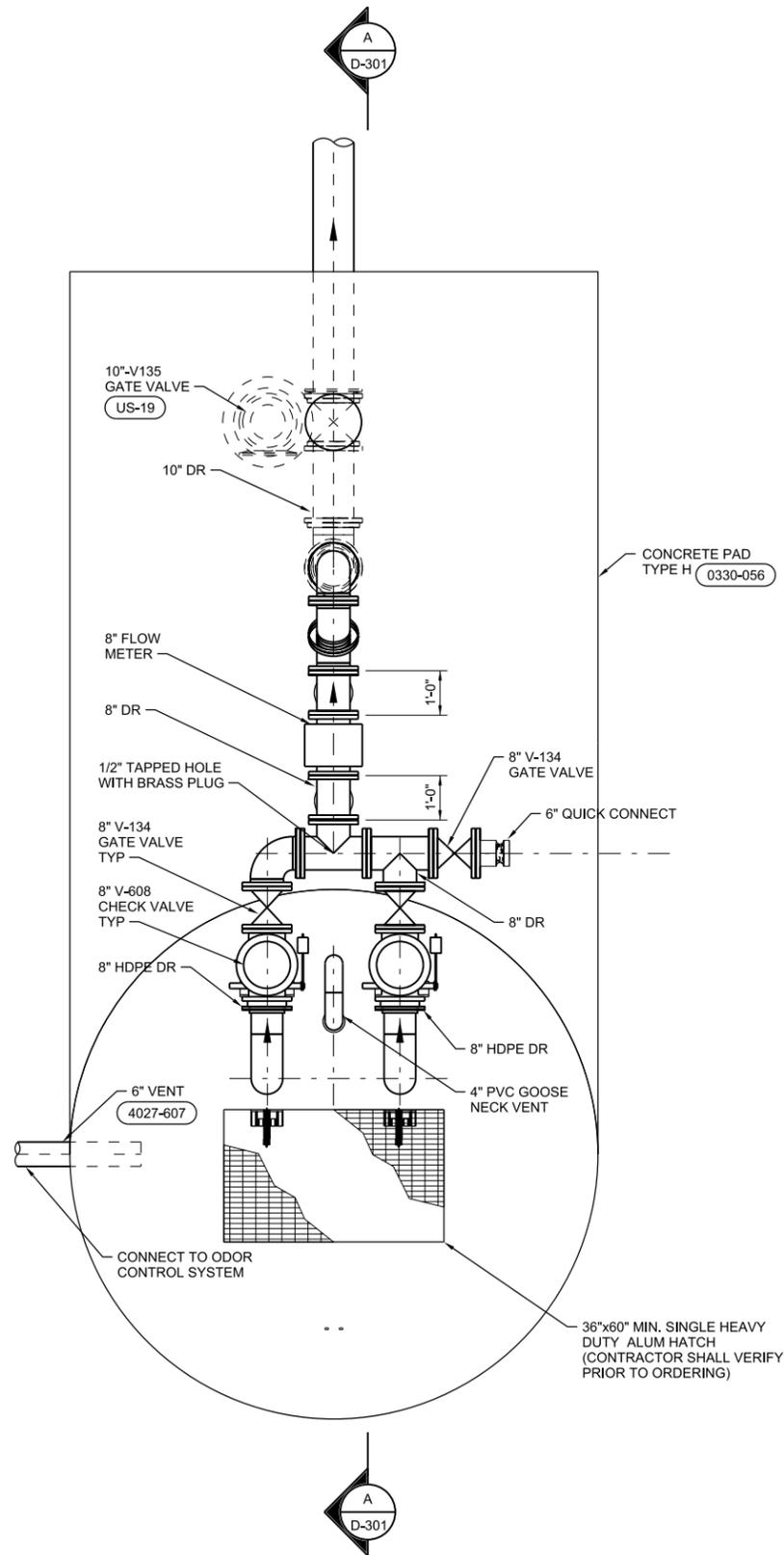
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SURVEY #	20-2468	
SECTION TWN RNG	19-35-19	
SCALE	N/A	
SURVEYED	HYATT	3/2020
DESIGNED		
DRAWN	JM	3/2020
CHECKED	RH	3/2020



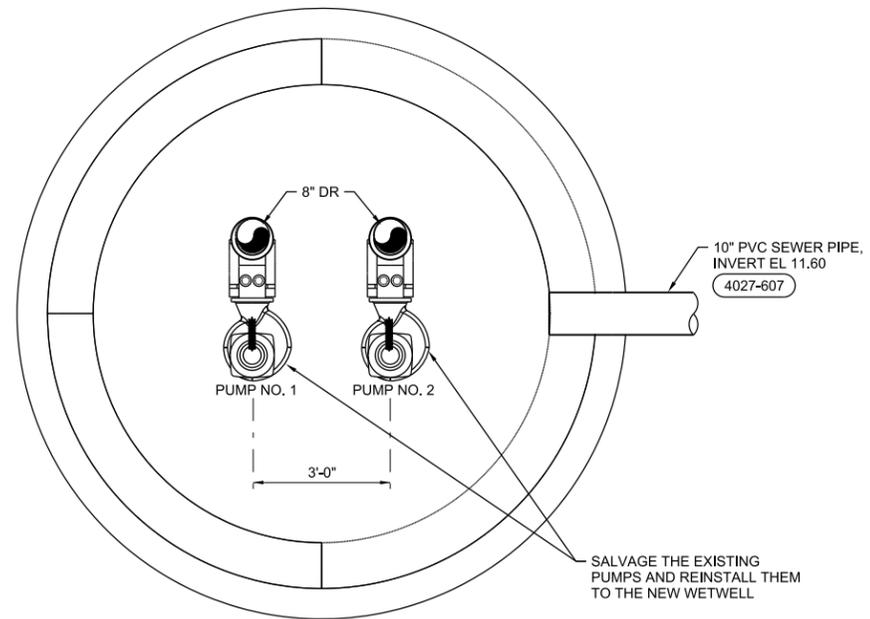
TOPOGRAPHIC SURVEY
BRADEN WOODS LS / CLUBHOUSE DRIVE FM
MANATEE COUNTY, FLORIDA
PLAN SHEET



PROJECT #	20-2468
SURVEY #	20-2468
SECTION TWN RNG	19-35-19
SCALE	1" = 40'
SURVEYED	HYATT 3/2020
DESIGNED	
DRAWN	JM 3/2020
CHECKED	RH 3/2020



UPPER PLAN
1/2"=1'-0"



LOWER PLAN
1/2"=1'-0"

NO.	DATE	REVISION	CHK	APVD	T FU
1	08/27/21	ADDENDUM NO.3	NN	BY	TF
			DR	W POGUE	T FU
			DR	T INNIS	T FU

643 SW 4TH AVE. SUITE 400
GAINESVILLE, FLORIDA 32601
EB2822
TAO FU PE 63138

BRADEN WOODS LIFT STATION
REHAB
MANATEE COUNTY
BRADENTON, FLORIDA 34205

JACOBS
PROCESS MECHANICAL
**LIFT STATION
UPPER AND LOWER PLAN**

1" = X'
VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING.

DATE	MAY 2021
PROJ	D3339100
DWG	D-201
SHEET	25 of 36

REUSE OF DOCUMENTS: THIS DOCUMENT, AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, IS THE PROPERTY OF JACOBS AND IS NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF CH2M HILL.

BID DOCUMENT