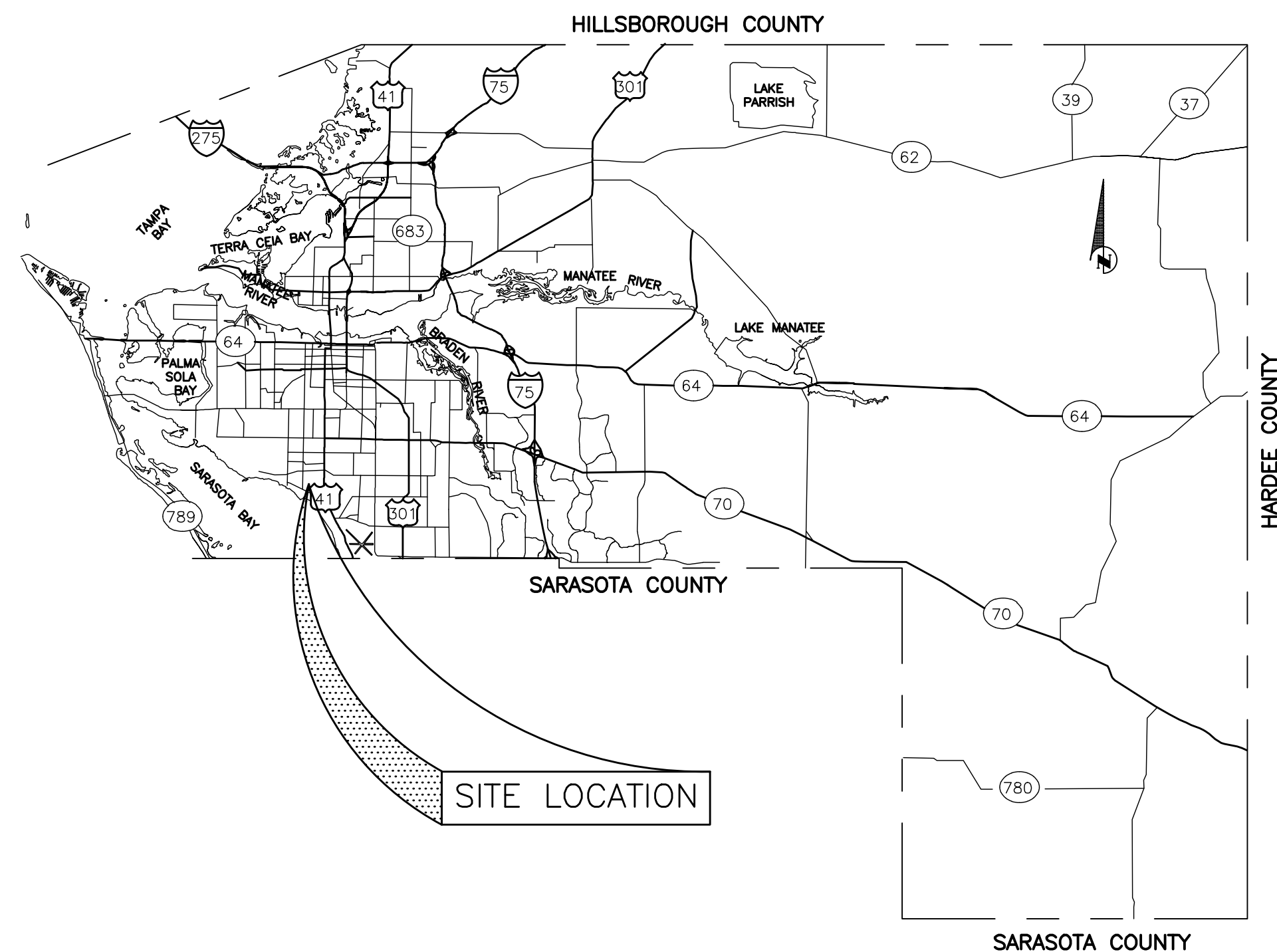


100% PLANS

NO.	INDEX OF SHEETS
1.	COVER SHEET
2.	PLAN VIEWS
3.	SECTION VIEWS
4.	WET WELL FRAMING

NO.	INDEX OF SHEETS
1.	COVER SHEET
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REMOVE AND REPLACE EXISTING WET WELL ACCESS DOOR WITH
NEW ALUMINUM DOOR AND FRAME.

* CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS

J. SHEA
FLOOR
JOHN S. SHEA
LICENSE
No. 60923
STATE OF
3/7/16
FLORIDA
PROFESSIONAL ENGINEER
SIGNED
SHEET 1 OF 4

PLAN VIEW

PROJECT #	404-6022287
SURVEY #	-
SEC./TWN./RGE	22/35/17
VERT. SCALE	NTS
HORZ. SCALE	1"=4'

J. SHEA SHOWN, P.E.
JOHN S. SHOWN
FLORIDA LICENSE NO. 60923
STATE OF FLORIDA
3/7/16
PROFESSIONAL ENGINEER

SHEET 2 OF 4

NTS



NTS



FLOW

STOP GATES
& GUIDES

CONFINED SPACE
ENTRY PERMIT
REQUIRED

NTS



EX. MERCURY LIGHT
(TO REMAIN)

TALL: (4)-NEW EXTERIOR LIGHTS,
CONDUIT, WIRING, AND ALL OTHER ITEMS
LABOR NECESSARY TO REPLACE
EXISTING LIGHTING SYSTEM AND HAVE A
COMPLETE FUNCTIONING LIGHTING SYSTEM.
LIGHTS TO BE LAREDO SERIES
(MC-30LU-5K-3-1) OR EQUAL.

PAIR ALL EXTERIOR WALLS WHERE
MS WERE REMOVED, MATCH EXISTING
FINISH.

REPLACE EXISTING
DIMMINUTOR CONTROL
PANEL

REMOVE EXISTING HATCHES, AND REPLACE WITH RECESSED, GAS TIGHT, ALUMINUM ACCESS HATCHES. FIELD VERIFY EXISTING DIMENSIONS AND MAINTAIN FULL EXISTING OPENING AS A MINIMUM. A STANDARD SIZED HATCH THAT IS SLIGHTLY BIGGER IS ACCEPTABLE, IF POSSIBLE.

GRADE SITE TO DRAIN
AWAY FROM MLS &
NEW VAULT W/ ± 1
FOOT DEEP SHELL.
(± 40 SY)

} DIRECTION OF PROPOSED STORMWATER
RUNOFF AFTER REGRADING AREA

PLACE 1/4"
DIAMOND PLAT
(2'X2') OVER

EX. ASBESTOS
VENTILATION
EXHAUST PIPE IN
WET WELL, DRY
WELL, AND
CONTROL ROOM
(REMOVE ALL)

EX. 18" CIP FM, CL.
EL.: 1.00 NGVD

EX. JUNCTION BOX.
(TYP.)

CONTRACTOR TO USE
MEGA FLANGE COUPLING
ADAPTER ON U/S SIDE OF
METER AND FLG/FLG
CONNECTION ON D/S SIDE
OF METER.

CONTRACTOR SHALL POSITION THE NEW
METER VAULT AND METER AS CLOSE AS
POSSIBLE TO THE EXISTING MLS BUILDING
UTILIZING THE RECOMMENDED
MANUFACTURER'S INSTALLATION CRITERIA.
COORDINATE FIELD LOCATION WITH COUNTY
PRIOR TO INSTALLATION.

INSTALL NEW METER VAULT.
5'(W) x 5'(L) x ±11'(D)
STRUCTURE & HATCH, CONTRACTOR
TO VERIFY & ADJUST REQUIRED
DEPTH TO ALLOW A MIN. 18" TO A
MAX. 24" CL UNDER MAG METER.
METER VAULT TO HAVE A 4"
REVEAL ABOVE NEWLY GRADED
AREA.

INSTALL: 18" MAG METER
(AB FEW325.450) & ASSOCIATED
CONDUIT TO MLS BUILDING.

COMPLETELY REMOVE EX.
STRUCTURE AND BACKFILL
WITH CLEAN FILL

INSTALL: 18"X12" TEE,
12" G.V., 18"X20"
RED.

6" STEEL CONC. FILLED
BOLLARDS W/ YELLOW PVC
SLEEVE, 5 TYP. EXACT
LOCATION TO BE
DETERMINED IN FIELD.

INSTALL: CONNECT 20"
DIP TO EX. 20" 45°
BEND

REMOVE AND REPLACE
EX. CHAIN LINK FENCE,
AS REQUIRED.

— 20-FM

GRADE SITE TO DRAIN AWAY
FROM MLS & NEW VAULT W/ ± 1
FOOT DEEP CLEAN FILL & SOD.
(± 60 SY)

INSTALL BY-PASS RISER
ASSEMBLY. 3'X5' CONC. PAD
SEE DETAIL. EXACT LOCATION TO
BE DETERMINED IN THE FIELD.

REMOVE EX. 18" & 20" DIP FM
& REPLACE W/ 18" DIP FM
FROM FIRST 18" JOINT FROM
MLS BUILDING TO 1ST 20" 45°
BEND IN ROW. (±30 LF TOTAL)

INSTALL: 18" G.V.

GENERAL NOTES

1. ALL CONSTRUCTION ACTIVITIES SHALL BE COORDINATED WITH THE PROJECT MANAGEMENT DIVISION.
THE PROJECT MANAGER IS: WILLIAM LORENZO, P.E.
AND CAN BE REACHED AT (941) 708-7450; x 7338
- SITE VISITS ARE MANDATORY FOR ALL BIDDERS. THESE SITE VISITS CAN BE ARRANGED THROUGH NICK WAGNER, LIFT STATION SUPERINTENDENT, 941-792-8811 X5377.
2. ALL CONSTRUCTION ON THIS PROJECT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF MANATEE COUNTY UTILITY AND TRANSPORTATION STANDARDS AND/OR FDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" UNLESS OTHERWISE INDICATED ON THE PLANS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING ALL CONDITIONS AND REQUIREMENTS OF ALL PERMITS AND ALL GOVERNING FEDERAL, STATE, AND LOCAL AGENCIES. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL REQUIRED PERMITS THAT ARE NOT PROVIDED IN THE BID DOCUMENTS, AT NO ADDITIONAL COST TO THE OWNER.
4. THE INFORMATION PROVIDED IN THESE PLANS IS SOLELY TO ASSIST THE CONTRACTOR IN ASSESSING THE NATURE AND EXTENT OF THE CONDITIONS WHICH MAY BE ENCOUNTERED DURING THE COURSE OF WORK. ALL CONTRACTORS ARE DIRECTED, PRIOR TO BIDDING, TO CONDUCT WHATEVER INVESTIGATION THEY MAY DEEM NECESSARY TO ARRIVE AT THEIR OWN CONCLUSIONS REGARDING THE ACTUAL CONDITIONS THAT WILL BE ENCOUNTERED, AND UPON WHICH THEIR BIDS WILL BE BASED.
5. THE CONTRACTOR SHALL REVIEW AND VERIFY ALL DIMENSIONS ON THE PLANS AND REVIEW ALL FIELD CONDITIONS THAT MAY AFFECT CONSTRUCTION. SHOULD DISCREPANCIES OCCUR, THE CONTRACTOR SHALL NOTIFY THE COUNTY TO OBTAIN THE ENGINEER'S CLARIFICATION BEFORE COMMENCING WITH CONSTRUCTION.
6. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. THIS EXCLUSION DOES NOT ALLEVIATE THE CONTRACTOR FOR PROVIDING A CONTINUOUS SAFE WORKSPACE.
7. THE CONFIGURATION OF THE MASTER LIFT STATION SHOWN ON THESE GRAPHICS MAY BE MIRRORED TO THE ACTUAL STRUCTURE. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITION, ELEVATIONS, CONFIGURATIONS, ETC FOR ACCURACY.
8. CONTRACTOR IS RESPONSIBLE FOR ALL LABOR, MEASUREMENTS, AND ALL MATERIALS REQUIRED TO COMPLETE THE JOB AS INTENDED.
9. CONTRACTOR IS RESPONSIBLE FOR DETERMINING QUANTITIES TO MEET OR EXCEED OSHA REQUIREMENTS FOR THE PROPOSED GUARDRAIL SYSTEM.
10. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF THE ENTIRE GUARDRAIL SYSTEM FOR REVIEW TO THE COUNTY PRIOR TO PURCHASING AND INSTALLING MATERIALS.