FINAL DEVELOPMENT PLANS

FOR:

FLORIDA RECOVERY CENTER AT UF HEALTH SANTA FE VILLAGE TOD PHASE - 1

ALACHUA COUNTY, FLORIDA

SECTION 20, TOWNSHIP 9 SOUTH, RANGE 19 EAST

SUBMITTED TO:

ALACHUA COUNTY
GAINESVILLE REGIONAL UTILITIES
ST. JOHNS RIVER WATER MANAGEMENT DISTRICT

GENERAL NOTES

1. PROJECT DESCRIPTION:

THE PROJECT CONSISTS OF THE CONSTRUCTION OF A 21 UNIT, 75 BEDROOM, REHAB FACILITY/APARTMENTS DIVIDED BETWEEN TWO BUILDINGS, AN AMENITIES BUILDING, AND A 20,000 SF BUILDING PAD FOR FUTURE DEVELOPMENT. ADDITIONALLY, THE EXISTING BUILDING WILL BE RENOVATED (USE TO REMAIN THE SAME), THE EXISTING STORMWATER MANAGEMENT FACILITY WILL BE EXPANDED FOR THE PROJECT, AND ROADS AND UTILITIES WILL BE EXPANDED FOR THE DEVELOPMENT.

2. PROJECT ADDRESS:
4305 NW 90 BLVD, GAINESVILLE, FL 32606

3. TAX PARCEL NUMBER(S):
PORTIONS OF TAX PARCELS #06041-002-004, #06041-002-005, AND #06041-002-002

4. TOD, ZONING, & LAND USE DESIGNATION, & ACTIVITY CENTER:
TOD = SANTA FE VILLAGE AT SPRINGHILL TOD
ZONING = RP (RESIDENTIAL AND PROFESSIONAL)
FUTURE LAND USE = MIXED USE
ACTIVITY CENTER = SPRINGHILL

5. LAND OWNER / DEVELOPER:
UF HEALTH (DEVELOPER)
SANTA FE HEALTH CARE INC.
NORTH CENTRAL FLORIDA HOSPICE

6. ENGINEER OF RECORD:
RANDALL S. OLNEY, P.E.
11801 RESEARCH DRIVE
ALACHUA, FLORIDA 32615
(352) 331-1976
randyo@chw-inc.com

7. SURVEYOR OF RECORD:
AUSTIN BLAZE, PLS
11801 RESEARCH DRIVE
ALACHUA, FLORIDA 32615
(352) 331-1976
austinb@chw-inc.com

8. DENSITY:
REFER TO MASTER PLAN

9. PHASING:
THIS PROJECT WILL BE CONSTRUCTED IN A SINGLE PHASE

10. LOT/BUILDING REQUIREMENTS:
REFER TO SANTA FE TOD

11. TRAFFIC STATEMENT:

THE PROJECT TRAFFIC GENERATION IS CALCULATED FROM TRIP GENERATION RATES PUBLISHED IN THE INSTITUTE OF TRANSPORTATION ENGINEERS (ITE) TRIP GENERATION, AN INFORMATIONAL REPORT, 11TH EDITION.

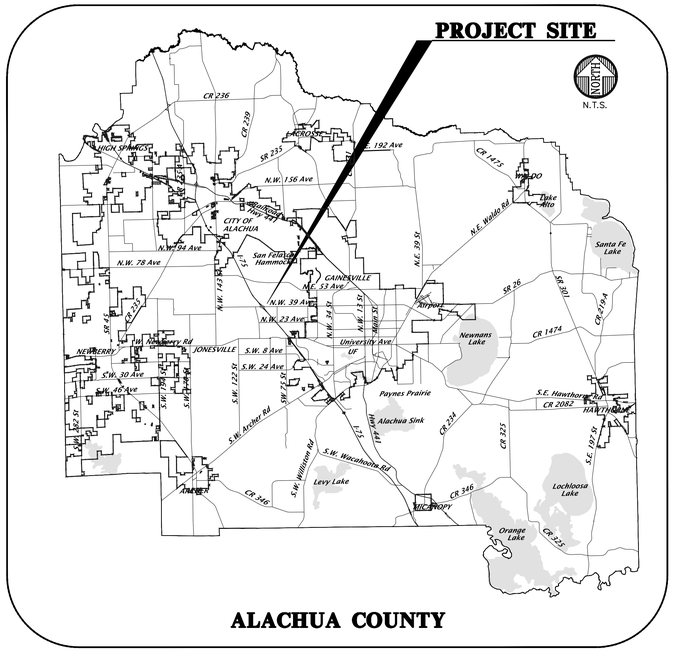
PROPOSED LAND USE	QUANTITY	ADT	AM PEAK HR	PM PEAK HR
(220) MULTIFAMILY HOUSING (LOW-RISE)	21	210	29	30
(710) SMALL OFFICE BUILDING	4.175	60	7	9
TOTAL		270	36	39

12. DEVELOPMENT SITE AREA:

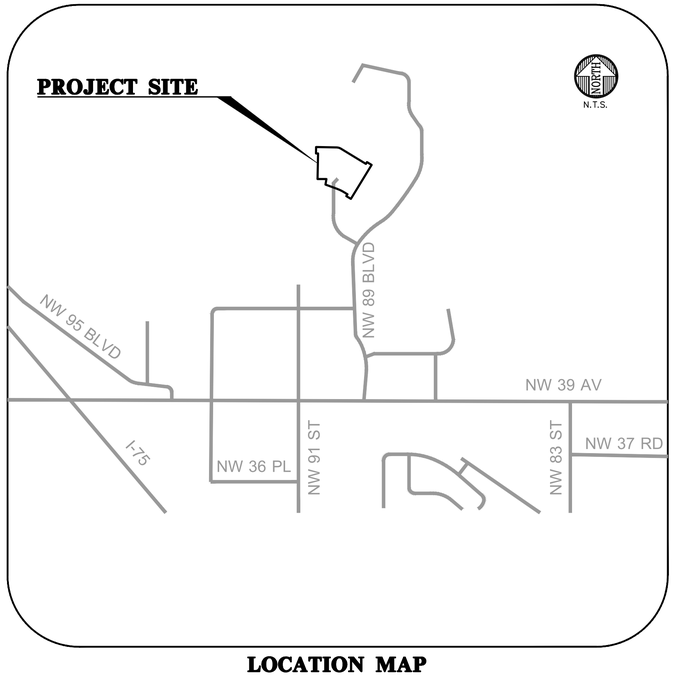
TYPE	ACRES	SF	% OF TOTAL
TOTAL PROJECT AREA:	7.14 AC	310,850 SF	100 %
NON-RESIDENTIAL BUILDING AREA:	0.33 AC	14,175 SF	4.62 %
ROW/PAVEMENT/SIDEWALK/EASEMENTS AREA:	3.67 AC	160,025 SF	51.40 %
EXISTING IMPERVIOUS AREA:	0.65 AC	28,520 SF	9.10 %
PROPOSED IMPERVIOUS AREA:	4.09 AC	178,200 SF	57.28 %
TOTAL IMPERVIOUS AREA:	4.32 AC	188,200 SF	60.50 %
OPEN SPACE AREA(THIS PHASE):	N/A	N/A	N/A
CONSERVATION/PRESERVATION AREA:	N/A	N/A	N/A
STORMWATER MANAGEMENT AREA:	1.33 AC	57,859 SF	18.63 %
FLOOD PLAINS AREA:	N/A	N/A	N/A
WETLANDS AREA:	N/A	N/A	N/A
SURFACE WATER AREA:	N/A	N/A	N/A
STRATEGIC ECOSYSTEMS AREA:	N/A	N/A	N/A
SIGNIFICANT/LISTED SPECIES AREA:	N/A	N/A	N/A
BUFFERS/SCREENING AREA:	N/A	N/A	N/A
GEOLOGICAL FEATURES AREA:	N/A	N/A	N/A

SHEET INDEX

SHEET NUMBER	DESCRIPTION
C0.00	COVER SHEET AND INDEX
C0.01	MASTER PLAN
C0.02	MASTER BLOCK PLAN
C0.03	MASTER PLAN NOTES
C0.10	GENERAL NOTES
C0.11	LEGEND
1-4	BOUNDARY AND TOPOGRAPHIC SURVEY
C0.20	STORMWATER POLLUTION PREVENTION NOTES
C0.21	STORMWATER POLLUTION PREVENTION PLAN AND DETAILS
C0.30 - C0.32	DEMOLITION AND TREE PROTECTION PLAN
C1.00	MASTER SITE PLAN
C1.10 - C1.11	DETAILED HORIZONTAL CONTROL AND SITE PLAN
C2.00	MASTER GRADING AND DRAINAGE PLAN
C2.10 - C2.11	DETAILED GRADING AND DRAINAGE PLAN
C2.20	STORMWATER MANAGEMENT FACILITY PLAN AND DETAILS
C2.30 - C2.31	CONSTRUCTION DETAILS
C3.00	MASTER UTILITY PLAN
C3.10 - C3.11	DETAILED UTILITY PLAN
C3.40 - C3.47	WASTEWATER PLAN AND PROFILE
C4.00	TYPICAL ROADWAY SECTIONS
C4.10 - C4.17	ROADWAY PLAN AND PROFILE
A0.0.1	PROPOSED ELEVATIONS EXTERIOR -GLAZING CALCS
A1.1.1	AMENITIES BUILDING FLOORPLAN
A2.0.1	AMENITIES BUILDING ELEVATIONS
A2.0.2	AMENITIES BUILDING ELEVATIONS
A1.1.1	APARTMENT FLOORPLAN
A1.2.1	APARTMENT FLOORPLAN
A1.3.1	APARTMENT FLOORPLAN
A2.0.1	APARTMENT ELEVATIONS
A2.0.2	APARTMENT ELEVATIONS
LS-1	LANDSCAPE NOTES AND DETAILS
LS-2 - LS-3	LANDSCAPE PLAN
LS-4	MITIGATION CALCULATIONS
P-1 - P3	PHOTOMETRIC PLAN(S) & DETAILS



VICINITY MAP



LOCATION MAP

ADJACENT PARCELS:

NORTH:
06041-002-003
SANTA FE HEALTH CARE INC.

EAST:
06041-002-002
SANTA FE HEALTH CARE INC

SOUTH:
06041-002-001
NORTH CENTRAL FLORIDA HOSPICE

WEST:
06038-000-000
SPRING HILLS LAND HOLDINGS LLC

06038-023-000
SPRING HILL LAND HOLDINGS LLC

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GRU NOTIFICATIONS

1. NOTIFY GRU WASTEWATER ENGINEERING 48 HOURS PRIOR TO CONSTRUCTION AT 352-393-1633; IF PROPER NOTIFICATION IS NOT MADE, CONTRACTOR IS SUBJECT TO STOP WORK ORDER.

2. NOTIFY GRU ELECTRIC INSPECTIONS 48 HOURS PRIOR TO CONSTRUCTION AT 352-339-0430; IF PROPER NOTIFICATION IS NOT MADE, CONTRACTOR IS SUBJECT TO BE SHUT DOWN.

FOR REVIEW ONLY
GRU CERTIFICATION

THE WATER & WASTEWATER SYSTEM DESIGN IS IN ACCORDANCE WITH CURRENT GRU DESIGN STANDARDS.

DATE: _____

11801 Research Drive
Alachua, FL 32615
(352) 331-1976
www.chw-inc.com
est. 1988 FLORIDA CA-9075
CHW Professional Consultants

SCALE: N/A
VERIFY SCALE BAR IS CORRECT FOR DRAWING PLOTTED
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
05-19-23: 3RD SUBMITTAL
09-01-23: ALACHUA COUNTY SUBMITTAL
10-30-23: ALACHUA COUNTY
11-08-23: SJRWMD RE-SUBMITTAL
11-22-23: SJRWMD & GRU RESUBMITTAL

CLIENT: UF HEALTH SHANDS HOSPITAL
PROJECT: FLORIDA RECOVERY CENTER AT UF HEALTH SANTA FE VILLAGE TOD PHASE - 1
SHEET TITLE: COVER SHEET AND INDEX

TECHNICIAN: KTM
DESIGNER: CHW
QUALITY CONTROL: R.O.
PROJECT NUMBER: 21-0340.02

RANDALL SCOTT OLNEY

Randall Scott Olney, P.E.
State of Florida, Professional Engineer, License No. 68382

This item has been digitally signed and sealed by Randall Scott Olney, P.E. on the date indicated here.

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FL PE No. 68382

SHEET NO.: C0.00

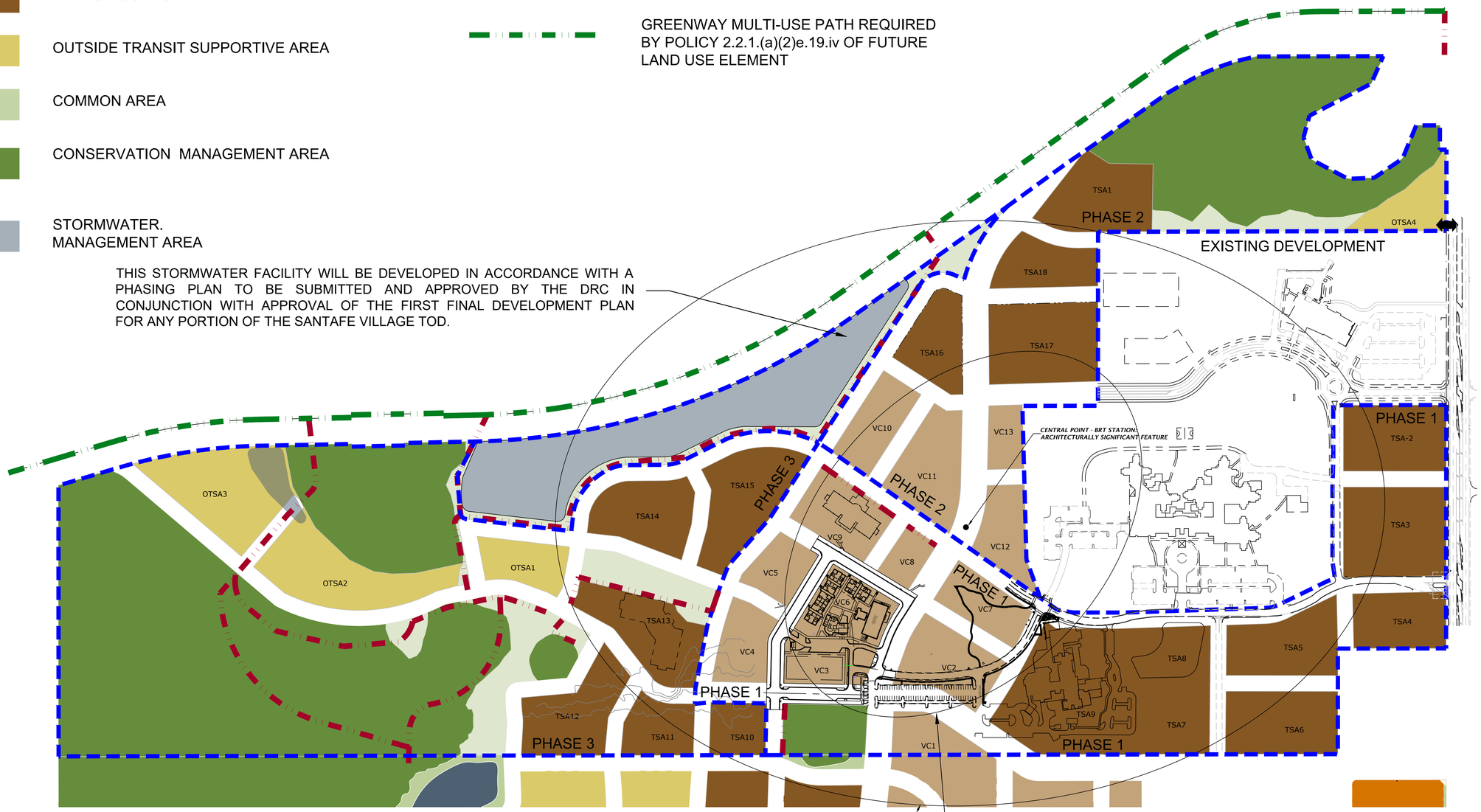
Xrefs: XGNA Plot Date: Nov 21,2023 9:58am Filename: N:\2021\21-0340\Department\04_Engineering\02_Design\Production Files\21-0340 Cover_04_02.dwg

LAND USE LEGEND

- VILLAGE CENTER
- TRANSIT SUPPORTIVE AREA.
- OUTSIDE TRANSIT SUPPORTIVE AREA
- COMMON AREA
- CONSERVATION MANAGEMENT AREA
- STORMWATER. MANAGEMENT AREA

- PHASE LINES
- MULTI-USE PATH
- GREENWAY MULTI-USE PATH REQUIRED BY POLICY 2.2.1.(a)(2)e.19.iv OF FUTURE LAND USE ELEMENT

THIS STORMWATER FACILITY WILL BE DEVELOPED IN ACCORDANCE WITH A PHASING PLAN TO BE SUBMITTED AND APPROVED BY THE DRC IN CONJUNCTION WITH APPROVAL OF THE FIRST FINAL DEVELOPMENT PLAN FOR ANY PORTION OF THE SANTAFE VILLAGE TOD.



TRANSIT SUPPORTIVE AREA APPROXIMATELY 1/4 MILE

VILLAGE CENTER APPROXIMATELY 1/8 MILE

GRAPHIC SCALE
0 100 200 400

NOTE:
- BLOCKS TSA7, TSA8, AND TSA9 WERE COMBINED IN A PREVIOUS PROJECT.

- BLOCKS VC6 AND VC8 ARE COMBINED IN THIS PROJECT.

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CHW Professional Consultants

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IF NOT ONE INCH ON THIS SHEET ADJUST SCALES ACCORDINGLY.

CONSTRUCTION/BID REVISIONS:

SUBMITTALS: 30% SUBMITTAL
09-15-23: ALACHUA COUNTY SUBMITTAL
10-30-23: ALACHUA COUNTY
11-08-23: SJRWMD RE-SUBMITTAL
11-22-23: SJRWMD & GNV RESUBMITTAL

CLIENT: UF HEALTH SHANDS HOSPITAL

PROJECT: FLORIDA RECOVERY CENTER AT UF HEALTH SANTA FE VILLAGE TOD PHASE - 1

SHEET TITLE: MASTER PLAN

TECHNICIAN: KTM
DESIGNER: CM
QUALITY CONTROL: R.O.
PROJECT NUMBER: 21-0340.02

RANDALL SCOTT OLNEY

Randall Scott Olney, P.E.
State of Florida, Professional Engineer, License No. 68382

This item has been digitally signed and sealed by Randall Scott Olney, P.E. on the date indicated here.

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FL PE No. 68382

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SANTA FE VILLAGE TOD
VC 3-6

BLOCK VC 3-6 COUNTY SUMMARY

Component	Distance (FT)	Percentage
Block Length	1,530	-
Driveways Access Width	168	-
Eligible Block Length	1,362	100%
Building Frontage Length	654	48%
Future Building Frontage Length	352	26%
Total Building Frontage Length	1,029	76%
Civic Space/Tree Preservation	153	11%
Remaining Frontage Length	203	15%
Total Block Coverage	1,362	100%

BLOCK VC 3-6 BUILDING SUMMARY

Building	Floors	Area (SF)
Existing Building	2	20,000
Amenity Building (Non-Res)	1	4,175
North Building (Residential)	3	30,000
East Building (Residential)	3	12,000
Future Building	2	36,888
Total Block Coverage		103,063

NOTES:

- **THE EXISTING TWO STORY BUILDING WILL NOT COUNT TOWARDS THE TOD NON-RESIDENTIAL TOTALS.**
- **BLOCK COMPLIES WITH THE TSA EXTENDED BLOCK LENGTH REQUIREMENTS THROUGH THE PROVISION OF PARKING INTERIOR TO THE BLOCK**
- **ALL FUTURE LINER BUILDINGS WILL HAVE MAIN ENTRANCES FACING THE ADJACENT STREET OR CIVIC SPACES AND SOME WILL HAVE SECONDARY ENTRANCES FACING THE OFF-STREET PARKING AREAS.**

GRAPHIC SCALE
0 15 30 60

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SUBMITTALS:
08-15-23: 30% SUBMITTAL
09-15-23: ALACHUA COUNTY SUBMITTAL
10-30-23: ALACHUA COUNTY
11-03-23: SJRWMD RE-SUBMITTAL
11-22-23: SJRWMD & GNV RESUBMITTAL

CONSTRUCTION/BID REVISIONS:

CLIENT: UF HEALTH SHANDS HOSPITAL

PROJECT: FLORIDA RECOVERY CENTER AT UF HEALTH SANTA FE VILLAGE TOD PHASE - 1

SHEET TITLE: MASTER BLOCK PLAN

TECHNICIAN: KTM
DESIGNER: CM
QUALITY CONTROL: R.O.
PROJECT NUMBER: 21-0340.02

RANDALL SCOTT OLNEY

Randall Scott Olney, P.E.
State of Florida, Professional Engineer, License No. 68382

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FL PE No. 68382

SHEET NO.: C0.02

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E.T. York Haven Hospice Expansion
Final Development Plans

Comprehensive Plan & Unified Land Development Code Consistency Analysis

The E.T. York Haven Hospice Expansion site is included in the approved SantaFe Village at Springhills Transit Oriented Development (TOD). The Preliminary Development Plan (PDP) for SantaFe Village at Springhills TOD was found by the Alachua County Board of County Commissioners to be consistent with the Alachua County Comprehensive Plan and Unified Land Development Code (ULDC) when approved in 2013. Therefore, this analysis focuses on consistency with the requirements and development standards outlined in the approved PDP.

Master Plan Notes: SantaFe Village TOD

1. Allowed Uses - Land within the property boundaries of this Preliminary Development Plan (PDP) Master Plan has a Comprehensive Plan Future Land Use Designation of Mixed Use. Uses allowed include a 'mixture of residential (single-family detached, single-family attached, multi-family, assisted and independent living facilities) commercial retail, office, financial, institutional, lodging, medical, research and development, clean / green technology, religious and civic uses are allowed throughout the development.' **[Policy 1.6.5.4. & Policy 2.2.1 (a)(2)c.1. FLUE]** Allowed uses include those itemized in the Use Table at **ULDC Chapter 404**. A balanced mixture of uses are to be provided to create activity throughout the day and allow individuals to live, work and play in the same community without having to rely solely on a motor vehicle for mobility, thereby allowing a reduction in per capita greenhouse gas emissions. **[Policy 1.7.5 FLUE]** Allowed uses within common areas include agricultural, recreational, educational, and civic. Retail that is ancillary to agricultural, recreational, educational, and civic uses are allowed within common areas. Except within the Village Center, mini storage facilities designed to serve the project are allowed when properly masked and integrated into the development in accordance with TOD design criteria. The square footage of any such storage facilities shall not be included in the calculation of non-residential square footage for purposes of determining compliance with the minimum required and maximum allowed non-residential square footage. **[Policy 1.7.5.4 FLUE]**

The proposed UF Health Florida Recovery Center is considered an institutional use which is allowed within the existing TOD. The proposed 21 residential units are also permitted uses within the TOD.

2. Development Density & Intensity Authorized and Required - The following table delineates the minimum development density and intensity required and the maximum development density and intensity authorized:

	Acreages	Minimum Required Residential Density[i]	Minimum Required Residential Units	Maximum Residential Density Authorized	Maximum Units	Minimum Required Non-Residential	Maximum Authorized Non-Residential [ii]	Allocation of Authorized Non-Residential
Village Center	29.18	10 DU/AC	292	35.77 DU/AC[i]	1,044 units	10,000 s.f. plus 100 s.f. per dwelling unit	10,000 s.f. plus 500 s.f. per dwelling unit	Up to 100% of total maximum authorized Non-Residential s.f (i.e., up to a maximum of 1,165,000 s.f.)
Transit Supportive Area	55.85	7 DU/AC	391	19.33 DU/AC	1,080 units			Up to 50% of total maximum Non-Residential s.f. (i.e., up to a maximum of 582,500 s.f.)
Outside Transit Supportive Area	12.69	4 DU/AC	51	14.65 DU/AC[iii]	186 units			Up to 10% of total maximum Non-Residential s.f. with a maximum of 100,000 s.f.)
Totals	97.72		734		2,310 units	83,400 s.f.	1,165,000 s.f.	1,165,000 s.f.

Up to 50% of the minimum required residential units may be met with rooms in a hotel [§407.65(c)1., Table 407.65.1, Note 2 of the ULDC] at the discretion of the developer and if exercised shall be declared upon submittal of an applicable final development plan to the DRC containing a hotel use.

[i] Policy 1.7.5.2 of the Future Land Use Element and Table 407.65.1 of the ULDC authorize a maximum allowable density of 48 DU/AC within Village Centers for Transit Oriented Developments inside the Urban Service Area designated on the Future Land Use Map pursuant to Objective 8.6 Urban Service Area.

[ii] The underlying Future Land Use is Mixed Use which is a 'non-residential' Future Land Use designation and is therefore eligible for up to 24 DU/AC. [ULDC Table 407.65.1]

[iii] Policy 1.7.5.3 of the Future Land Use Element and §407.65(d)2.c. authorizes a maximum allowable intensity of non-residential square footage of 500 square feet per dwelling unit within Transit Oriented Developments inside the Urban Service Area designated on the Future Land Use Map pursuant to Objective 8.6 Urban Service Area. For the purposes of this formula, rooms in a hotel and the number of bedrooms in student housing with dependent rented rooms and shared living space may, at the election of the developer exercised upon submittal of an applicable final development plan, be used in calculating allowable non-residential square footage. [ULDC §407.65(d)2.f.]

THE UF Health Florida Recovery Center site is located within the Village Center Area of the SantaFe Village TOD. A minimum of 292 residential units and a maximum of 1,044 residential units are permitted in the Village Center. To date, no residential units have been approved in the SantaFe Village TOD Village Center. Therefore, the proposed 21 residential units are within the required minimums and maximums. A minimum of 39,200 s.f. and a maximum of 114,400 s.f. of non-residential development is permitted within the Village Center. The applicant is electing not to include the existing Hospice Administrative facility (12,593 s.f.) toward meeting the minimum required nor maximum allowed square footage of non-residential uses. To date, no other non-residential uses have been approved within the Village Center. This Final Development Plan (FDP) application which proposes an additional ±4,175 s.f. of non-residential use is within the permitted range of minimum and maximum non-residential uses.

3. Required Minimum Non-Residential Within Village Center – A minimum of 50% of the total non-residential square footage shall be located within the Village Center. [ULDC §407.66(c)1.]

The proposed 4,175 s.f. of new non-residential use will go towards meeting this requirement. The proposed 4,175 s.f. represents 5% of the minimum required non-residential square footage in the TOD.

4. Existing Development – The following table provides total square footages of existing buildings within each area and within each phase:

Land Use Area	Building	Total Square Footage of Existing Buildings	Existing Square Footage within Phase I	Existing Square Footage within Phase II	Existing Square Footage within Phase III
Village Center	Edward Peddle	47,438	47,438	0	0
	Hospice Administrative	12,593	12,593	0	0
Transit Supportive Area	ET York Hospice	40,777	40,777	0	0
	Robert Hudson	62,204	0	62,204	0
Outside Transit Supportive Area		0	0	0	0
Totals		163,012	100,808	62,204	0

Pursuant to §407.55(d)2.d. ULDC, existing non-residential square footage may be included within or in addition to the minimum required and maximum allowed non-residential square footage. The developer shall declare how each of the existing buildings is to be counted when requesting a final development plan approval for an area containing such buildings.

The existing Hospice Administrative building will not be counted toward the allowed non-residential square footage.

5. Required Vertical Mixing of Uses – **ULDC §407.66(c)3.** requires a minimum of 25% of the total approved non-residential s.f. must be in multistory buildings containing multiple uses. Ten percent of this non-residential requirement may be met where residential development at least three stories in height is located directly adjacent to retail/commercial development. In this case, the maximum square footage counted towards the requirement shall be limited by the building footprint of the adjacent residential use. Compliance with this requirement shall be demonstrated to the DRC at final development plan review.

The proposed UF Health Florida Recover Center is not contributing to attainment of the required 25% of total approved non-residential s.f. within multistory buildings with multiple uses.

6. Required Central Point – The central point designation is the BRT station which will be designed to provide a significant architectural focal point.

Not applicable to this application. The central point is not located within the limits of this project.

7. Phasing Schedule – **ULDC § 402.130(c) & (d)** requires submittal of a detailed phasing schedule for Transit Oriented Developments. The phasing plan for this Master Plan is depicted graphically with phase designations and phase lines on Master Plan Sheet C0.01. Within each phase of development, Final Development Plans may be approved for portions of a phase. For the first phase of development, the difference between dwelling units and nonresidential square footage may not be greater than 75% of the approved development within the phase. The percentages shall be based on final development plan approval within each phase. (For example, a development with 100 dwelling units and 10,000 square feet of non-residential uses in phase 1 may only receive final development plan approval for all 100 dwelling units once final development plans have been approved for at least 2,500 square feet of nonresidential uses.)The difference between dwelling units and non-residential square footage for the total approved development may not be greater than the following percentages in order to receive development plan approval in a subsequent phase: 30% to proceed to Phase 2 and 15% to proceed to Phase 3 **[ULDC §402.130(d)4.&5.].**

The allocation of density and intensity within each phase within this Master Plan in fulfillment of the requirements of **ULDC §402.130(d) 1. through 3.** is as follows:

	Phase I = 50% of Total Authorized Residential and Non-residential 2013-2035		Phase II = 26% of Total Authorized Residential and Non-residential 2016-2039		Phase III = 24% of Total Authorized Residential and Non-residential 2018-2043	
	Min	Max	Min	Max	Min	Max
RESIDENTIAL						
Village Center	196 DU	713 DU	86 DU	331 DU	0 DU	0 DU
Transit Supportive Area	171 DU	442 DU	105 DU	270 DU	121 DU	368 DU
Outside Transit Supportive Area	0 DU	0 DU	0 DU	0 DU	51 DU	186 DU
NON-RESIDENTIAL	41,700 s.f.	582,500 s.f.	21,684 s.f.	302,900 s.f.	20,016 s.f.	279,600 s.f.

Adjustments to the phasing schedule, boundaries and allocations of density and intensity within phases may be requested by the developer and approved by the DRC after finding that all proposed changes conform to the requirements of ULDC §402.130(c) & (d).

The proposed project site is located within Phase 1 of the SantaFe Village TOD as shown on Sheet C0.01 of the approved SantaFe Village TOD PDP. The proposed 4,175 s.f. of non-residential use is consistent with the dates and min./max. square footages designated for Phase 1. The table below provides additional information regarding consistency with the balance of uses required for Phase 1. Within the first phase of development, the difference between dwelling units and non-residential square footage may not be greater than 75% of the approved development within the phase. Currently the difference is at 51%, which means an additional 24% or ±10,008 sq. ft. of the non-residential entitlements can be built before more residential is required.

	TOD Phase 1		
	Minimum Entitlements	Approved or Proposed Entitlements	Percentage (%)
Residential	367 units	21 units (UF Health FRC)	6%
Non-Residential	41,700 sq. ft.	4,175 sq. ft. (UF Health FRC) 19,476 sq. ft. (Haven Hospice)	57%

8. Dimensional Requirements – The following dimensional requirements shall apply:

Village Center [Table 407.66.1 ULDC]	Retail Use	Other Non-residential, Hotel, Mixed Use, or multi-family
Build-to Line Range in Feet: Established from back of curb of a public or private street or pedestrian circulation areas where a building fronts a plaza, square or other open civic space.[i]	15-25	15-50
Minimum Building Height In Stories[ii]	1	1
Maximum Building Height In Stories[iii]	8	8
Maximum Square Footage Of Single Tenant Building Footprint	50,000[iv]	65,000
Transit Supportive Area [Table 407.66.2 ULDC]	**Retail Use**	**Other Non-residential, Hotel, Mixed Use, or multi-family**
Build-to Line Range in Fee: Established from back of curb of a public or private street or pedestrian circulation areas where a building fronts a plaza, square or other open civic space.[i]	15-20	15-50
Minimum Building Height In Stories[ii]	1	1
Maximum Building Height In Stories[iii]	6	6
Maximum Square Footage Of Single Tenant Building Footprint	50,000[iv]	65,000
Outside Transit Supportive Area [Table 407.67.1 ULDC]	**Single-Family Detached**	**Single-Family Attached**	**Multi-Family & Non-Residential**
Setbacks			
Front, minimum (ft.)	10	5	10
Front, maximum (ft.)	20	15	25
Side, interior (ft)	5	N/A	10
Side, street (ft)	10	10	10
Rear (ft)	10	10	15
Building Standards			
Maximum lot coverage (%)	70	80	80
Height, maximum (ft)	30	30	60
Building footprint, max (sq ft)	N/A	N/A	65,000
Single retail tenant size, max (sq ft)	N/A	N/A	50,000[v]
Maximum lot coverage (%)	70	80	80

[i] Up to an additional 15' may be added to the build-to-line to accommodate outdoor seating for uses such as cafes, bistros, coffee shops or restaurants.
[ii] If only 1 story, building façade shall use architectural features to enhance the vertical scale of the building.
[iii] Additional stories above the fifth shall be stepped back to enhance the pedestrian scale of the street.
[iv] A single-tenant retail building may be allowed to exceed 50,000 square feet by providing one of the following:
a. Separate liner buildings oriented toward the street on at least 3 sides of the building, with parking to the rear of the building or the rear of the building lined by other liner buildings; or
b. Vertical mixture of uses with at least one story above the ground floor; or
c. Multiple floors with a maximum of 50,000 square feet per floor; or
d. Parking on the top or completely enclosed within the building; or
e. Parking in front of the building provided all off-street surface parking and the side and rear of the building are screened from adjacent streets by liner buildings.

The proposed new multi-family residential and non-residential uses, as well as the existing building, are consistent with the development standards for "Other Non-Residential, Hotel, Mixed-Use, or Multi-Family" uses in the Village Center as outlined in the table contained in Note 8 . As shown on the Final Development Plans, the existing and proposed buildings are consistent with the 15' – 50' build-to line range for at least 75% of the block as established for the Village Center. The build-to line distances are measured from the back-of-curb to the new roadways that will be constructed as part of this project. The existing and proposed buildings are more than one (1) story in height and less than six (6) stories and the building footprints are well below the single tenant maximum 65,000 s.f. allowed.

9. Street Cross Sections – Pursuant to **ULDC §402.130 (c) 5.**, street types and typical section details for all roadways within the Master Plan area are provided on the Multi-Modal Transportation Network & Utilities Sheets. Pursuant to **ULDC §402.130(c) 6**, the NW 83rd Street extension shall be dedicated to Alachua County and shall thereafter be the responsibility of Alachua County. The remaining internal streets shall either be dedicated to Alachua County and thereafter maintained by Alachua County or developed and maintained by one or more Community Development District or maintained by one or more Property Owner Associations which shall be established for each phase area prior to issuance of the first final development order governing development within the phase area.

A portion of four (4) new roadways will be built to create the block for this project. All proposed new roadways are consistent with one of the cross-sections in the approved SanfiFe Villages TOD. Roadway 'A' is consistent with cross-section ST 76A. Roadways 'B' and 'C' are consistent with cross-section ST 64A. At buildout, Roadway 'D' will be consistent with cross-section BRT 113A. However, only a portion of this cross-section will be built at this time to accommodate traffic related to this project. At some point in the future when adjacent segments of the BRT route are ready for connection, the cross-section will be completed.

SantaFe HealthCare or another designated master developer will maintain ownership of the roadways to ensure completion in the future. Public access easement will be placed over all proposed roadways.

10. Block Perimeter Requirements – **ULDC 407.68(a) and 407.69 (a)** establish maximum block perimeter standards as follows:

	Block Standard
Village Center	1,200 ft.
Transit Supportive Area	1,600 ft.
Outside Transit Supportive Area	2,000 ft.

All blocks provided on this Master Plan conform to the standard (See block perimeter dimension table below for itemized dimensions of all blocks). Larger blocks may be approved by the DRC when requested by the developer and after the developer has demonstrated that such extended block is in conformance with the following standards for extended blocks.

	Extended Block Size	Requirement
Village Center	2,000	Extended Block must contain both parking interior to the block and liner buildings on all sides of the block
Transit Supportive Area	2,300	Extended Block must contain both parking interior to the block and liner buildings on all sides of the block
Outside Transit Supportive Area	N/A	N/A

For blocks within a Village Center or Transit Supportive Area, an additional 700' of block perimeter is allowed when a continuous 10 foot multi-use path with limited vehicular crossings and with shade trees alternating 40 feet on center is provided and which forms an internal bicycle and pedestrian corridor that traverses the block (e.g., a mid-block passage) with the perimeters of the areas on each side of the corridor being equal to or less than the maximum extended perimeter block length. For blocks containing a parking structure with at least one level above surface parking or containing a single tenant retail use with greater than 25,000 s.f. and parking interior to the block, the maximum block perimeter is extended to 3,000 linear feet. **[ULDC §407.68 (a) 3. and 4.]** Extended blocks are depicted on C0.02 for illustrative purposes only. The DRC may approve extended blocks where demonstrated eligible except that no block extensions that would interrupt the continuity of the BRT corridor and the extension of NW 91st Street north to Millhopper Road depicted on the Master Plan Sheet C0.01 may be approved.

This application combines Blocks VC 3 and VC 6 forming an extended block. The Master Block Plan provided as part of the plan set demonstrates that parking will be located in the block's interior and liner buildings will be provided on more than 75% of block faces at build-out. Therefore, the maximum allowed block perimeter for the extended block is 2,000 L.F. The extended block perimeter depicted in the Block Plan is 1,530 L.F.

11. Stormwater – Areas shown for surface stormwater management facilities are conceptual. Enlargement or reduction in total area shall be determined during final development plan review by the DRC. The developer shall implement 'low impact development' stormwater management practices where practical, potentially reducing the total area required for conventional surface stormwater management facilities. All conventional surface stormwater management facilities within the Village Center shall be designed to meet the criteria of Open Space requirements contained in **ULDC Chapter 407 Article 5 Open Space and Article 9 Stormwater Management Facilities.** Landscaping within all surface stormwater management facilities may be provided consistent with **ULDC §407.56.** Stormwater quantities attributable to: (a) the extension of NW 83rd Street North from NW 39th Avenue; (b) the creation and extension north of NW 91st Street north to Millhopper Road; and (c) the multi-use path required between NW 39th Avenue and Millhopper Road, shall be handled within the county owned right-of-way running along the eastern project property boundary. The stormwater volume to be stored within said county right-of-way shall include all stormwater attributable to the roads and multi-use path located within the right-of-way and also the volume of stormwater attributable to that portion of NW 83rd Street and NW 91st Street located within the SantaFe Village project boundaries for which credit against multi-modal fees is granted.

An existing stormwater management facility (SMF) is located adjacent to the proposed extended block that will be modified temporarily to handle increased stormwater from this project. As the BRT roadway and new blocks continue to build out in the future, the overall stormwater management system will be redesigned to meet SantaFE Villages TOD requirements.

12. Utility Easements – All utilities throughout the Master Plan will be located within or adjacent to the provided transportation network. Public utility easements will be provided for any utilities required to extend beyond the limits of the rights-of-ways indicated in the Multi-Modal transportation network and Utilities.

Noted. The proposed UF Health Florida Recovery Center will provide utility easements for all utilities required to extend beyond the limits of the ROWs.

13. Other ULDC Requirements - Compliance with all other applicable provisions of the ULDC shall be demonstrated to the DRC by the developer, when submitting final development plans for review and approval.

The proposed Final Development Plan is also consistent with the Open Space requirements and Multi-Modal Transportation Network & Utilities requirements outlined in the approved SantaFe Village TOD PDP.

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SUBMITTALS:
06-15-23: 3RD SUBMITTAL
09-12-23: ALACHUA COUNTY SUBMITTAL
10-30-23: ALACHUA COUNTY
11-08-23: SJRWMD RE-SUBMITTAL
11-22-23: SJRWMD & GRU RESUBMITTAL

CLIENT: UF HEALTH SHANDS HOSPITAL

PROJECT: FLORIDA RECOVERY CENTER AT UF HEALTH SANTA FE VILLAGE TOD PHASE - I

SHEET TITLE: MASTER PLAN NOTES

SCALE: 1"=200'
VERIFY SCALE BAR IS CORRECT FOR ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

CONSTRUCTION/BID REVISIONS:

TECHNICIAN: KTM
DESIGNER: CM
QUALITY CONTROL: RO
PROJECT NUMBER: 21-0340.02

RANDALL SCOTT OLNEY

Randall Scott Olney, P.E. State of Florida, Professional Engineer, License No. 68382

This item has been digitally signed and sealed by Randall Scott Olney, P.E. on the date indicated here.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Digitally signed by Randall Scott Olney
Date: 2023.11.22 13:56:47 -05'00'

FL PE No. 68382

SHEET NO: C0.03

Feb. Kolyer Plot Date: Nov. 21,2023 - 11:03am Filename: N:\2021\21-0340\Departments\04_Engineering\02_Design\Production Files\21-0340_ftbG Master Plan.dwg

GENERAL NOTES

1. THE TOPOGRAPHIC AND EXISTING INFORMATION SHOWN HEREON WERE TAKEN FROM A BOUNDARY AND TOPOGRAPHIC SURVEY PREPARED BY CHW, AND DATED MARCH 23, 2023.

2. THE LOCATION OF ALL EXISTING UTILITIES SHOWN ON THE PLANS HAS BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR ACCURACY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE VARIOUS UTILITIES AND TO MAKE NECESSARY ARRANGEMENTS FOR ANY RELOCATION OF THESE UTILITIES WITH THE OWNER OF THE UTILITY. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN CROSSING ANY UNDERGROUND UTILITY, WHETHER SHOWN ON THE PLANS OR LOCATED BY THE UTILITY COMPANY. THE RESPECTIVE UTILITY COMPANIES SHALL RELOCATE ALL UTILITIES THAT INTERFERE WITH THE PROPOSED CONSTRUCTION. THE CONTRACTOR SHALL COOPERATE WITH THE UTILITY COMPANIES DURING THE RELOCATION OPERATIONS. ANY DELAY OR INCONVENIENCE CAUSED TO THE CONTRACTOR BY THE VARIOUS UTILITIES SHALL BE INCIDENTAL TO THE CONTRACT AND NO EXTRA COMPENSATION WILL BE ALLOWED.

3. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN AREAS OF BURIED UTILITIES AND SHALL PROVIDE AT LEAST 48 HOURS NOTICE TO THE APPROPRIATE UTILITY COMPANIES IN ORDER TO ALLOW MARKING OF THE LOCATIONS OF EXISTING UNDERGROUND FACILITIES IN ADVANCE OF CONSTRUCTION BY CALLING THE FLORIDA SUNSHINE STATE ONE-CALL CENTER, INC. AT 1-800-432-4770 OR 811. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY "SUNSHINE" 48 HOURS PRIOR TO ANY CLEARING OF CONSTRUCTION TO IDENTIFY ALL UTILITY LOCATIONS. NO CONSTRUCTION ACTIVITY MAY OCCUR UNTIL THE UTILITIES HAVE BEEN PROPERLY MARKED.

4. THE CONTRACTOR SHALL FIELD VERIFY THE HORIZONTAL LOCATION AND VERTICAL LOCATION OF ALL EXISTING UTILITIES WITHIN THE LIMITS OF THE PROJECT ENVELOPE SHOWN PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL CALL ALL UTILITY COMPANIES TO HAVE THE LOCATIONS OF ALL UTILITIES FIELD MARKED PRIOR TO COMMENCEMENT OF CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONTINUING CONSTRUCTION.

5. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO EXISTING FACILITIES, ABOVE OR BELOW GROUND THAT MAY OCCUR AS A RESULT OF THE WORK PERFORMED BY THE CONTRACTOR.

6. ALL PRIVATE AND PUBLIC PROPERTY AFFECTED BY THIS WORK SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN EXISTING CONDITIONS BEFORE COMMENCING CONSTRUCTION WORK, UNLESS SPECIFICALLY EXEMPTED BY THE PLANS. ADDITIONAL COSTS ARE INCIDENTAL TO OTHER CONSTRUCTION AND NO EXTRA COMPENSATION WILL BE ALLOWED.

7. ALL WORK PERFORMED SHALL COMPLY WITH THE REGULATIONS AND ORDINANCES OF THE VARIOUS GOVERNMENTAL AGENCIES HAVING JURISDICTION OVER THE WORK INCLUDING LANDSCAPING.

8. IT IS THE CONTRACTOR'S RESPONSIBILITY TO BECOME FAMILIAR WITH THE PERMIT AND INSPECTION REQUIREMENTS OF THE VARIOUS GOVERNMENTAL AGENCIES. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO CONSTRUCTION AND SCHEDULE INSPECTIONS ACCORDING TO AGENCY AND/OR MUNICIPALITY INSTRUCTIONS.

9. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY WITH AND ENFORCE ALL APPLICABLE SAFETY REGULATIONS.

10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXCAVATIONS AGAINST COLLAPSE AND SHALL PROVIDE BRACING, SHEETING OR SHORING AS NECESSARY. TRENCHES SHALL BE KEPT DRY WHILE PIPES ARE BEING PLACED. DEWATERING SHALL BE USED AS REQUIRED, AND PERMITTED THROUGH LOCAL GOVERNMENTAL AGENCIES AND WATER MANAGEMENT DISTRICT PER CURRENT REGULATIONS AT THE SOLE COST OF THE CONTRACTOR.

11. CONTRACTOR TO REVIEW GEOTECHNICAL REPORT AND BORINGS PRIOR TO BIDDING THE PROJECT AND FOLLOW OUTLINED CONSTRUCTION TECHNIQUES.

12. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING APPLICABLE TESTING WITH THE SERVICES OF AN APPROVED TESTING LABORATORY AND/OR SOILS ENGINEER, APPLICABLE REGULATORY AGENCIES, AND AS MAY BE FOUND IN THE ENGINEERING CONSTRUCTION DRAWINGS OR SPECIFICATIONS. CONTRACTOR TO VERIFY ALL TESTING WITH THE OWNER PRIOR TO COMMENCING CONSTRUCTION. UPON COMPLETION OF THE WORK, THE TESTING LABORATORY AND/OR SOILS ENGINEER MUST SUBMIT TO THE OWNER'S ENGINEER CERTIFICATIONS STATING THAT ALL REQUIREMENTS HAVE BEEN MET.

13. INSTALL SILT FENCE PRIOR TO SITE DEMOLITION OR NEW SITE CONSTRUCTION. INSTALL SILT FENCE PER FLORIDA STORMWATER EROSION AND SEDIMENTATION CONTROL INSPECTOR'S MANUAL AND PROVIDE TOE-IN. THE CONTRACTOR SHALL MAINTAIN THE SILT FENCE IN WORKING ORDER THROUGHOUT THE CONSTRUCTION PHASE. THE PROJECT SILT FENCE SHALL BE INSPECTED DAILY AND ANY CORRECTIVE MEASURES SHALL BE COMPLETED WITHIN 24 HOURS.

14. ALL TREE BARRICADES AND SILT FENCING SHALL BE INSTALLED AND INSPECTED BY ALACHUA COUNTY ENVIRONMENTAL PROTECTION DEPARTMENT PRIOR TO COMMENCEMENT OF ANY DEMOLITION OR CONSTRUCTION ACTIVITIES.

15. THE CONTRACTOR IS TO PREPARE THE SITE PRIOR TO BEGINNING ACTUAL CONSTRUCTION IN ACCORDANCE WITH THE GEOTECHNICAL REPORT.

16. ALL DELETERIOUS MATERIAL (I.E. MUCK, PEAT, BURIED DEBRIS) IS TO BE EXCAVATED IN ACCORDANCE WITH THESE PLANS OR AS DIRECTED BY THE OWNER'S ENGINEER OR OWNER'S SOIL TESTING COMPANY. DELETERIOUS MATERIAL IS TO BE STOCKPILED AND REMOVED FROM THE SITE. EXCAVATED AREAS ARE TO BE BACKFILLED WITH APPROVED MATERIALS AND COMPACTED AS SHOWN ON THESE AREAS.

17. CONTRACTOR SHALL CLEAR AND GRUB ONLY THOSE PORTIONS OF THE SITE NECESSARY FOR CONSTRUCTION. DISTURBED AREAS SHALL BE SODDED, SEEDED, MULCHED, OR PLANTED WITH OTHER APPROVED LANDSCAPE MATERIAL, AS DIRECTED BY THESE PLANS, IMMEDIATELY FOLLOWING CONSTRUCTION PER LOCAL INSPECTOR.

18. WORK BEING PERFORMED UNDER THIS CONTRACT SHALL INTERFACE SMOOTHLY WITH OTHER WORK BEING PERFORMED ON THE SITE BY OTHER CONTRACTORS AND/OR UTILITY COMPANIES. IT WILL BE NECESSARY FOR THE CONTRACTOR TO COORDINATE AND SCHEDULE HIS ACTIVITIES, WHERE NECESSARY, WITH OTHER CONTRACTORS AND UTILITY COMPANIES.

19. ALL PAVEMENT DIMENSIONS SHOWN ARE TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

20. THE GOVERNING STANDARDS AND SPECIFICATIONS, UNLESS STATED OTHERWISE SHALL BE PER FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD PLANS (FY 2023-24 ROAD CONSTRUCTION), AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION DATED JULY 2023, AS AMENDED BY CONTRACT DOCUMENTS. ALL MATERIALS AND METHODS SHALL MEET FDOT SPECIFICATIONS AND SHALL BE PRODUCED OR OBTAINED FROM AN FDOT APPROVED SOURCE.

21. ALL NEW TRAFFIC CONTROL DEVICES (SIGNS AND PAVEMENT MARKINGS) SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND FDOT STANDARDS.

22. ALL STRIPING WITHIN THE COUNTY RIGHT OF WAY SHALL BE PLACED FIRST AS TEMPORARY STRIPING FOLLOWED BY APPLICATION OF THERMOPLASTIC STRIPING 30 DAYS LATER.

23. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING PROPER BENCHMARKS ON-SITE. EXISTING BENCH MARKS SCHEDULED FOR REMOVAL SHALL BE RELOCATED AT CONTRACTORS EXPENSE AND RE-ESTABLISHED BY A LICENSED SURVEYOR.

24. ALL HANDICAP RAMPS SHALL COMPLY WITH THE FLORIDA ACCESSIBILITY CODE AND AMERICANS WITH DISABILITIES ACT.

25. A PRE-CONSTRUCTION CONFERENCE SHALL BE REQUIRED. THE CONTRACTOR, ENGINEER OF RECORD, AND THE OWNER SHALL MEET WITH THE ALACHUA COUNTY PUBLIC WORKS DEPARTMENT PRIOR TO INITIATION OF SITE CONSTRUCTION.

26. ANY CHANGE ORDER REQUESTS, SITE REVISIONS, AND PAY REQUESTS MUST BE SUBMITTED TO AND APPROVED BY THE ENGINEER OF RECORD.

27. CONTRACTOR IS RESPONSIBLE FOR ALL DEWATERING AS NEEDED THROUGHOUT ALL CONSTRUCTION ACTIVITIES COVERED BY THESE PLANS. DEWATERING SHALL BE DONE IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS, 2023 EDITION, SECTION 120.

28. THE CONTRACTOR IS RESPONSIBLE FOR THE PERFORMANCE AND COST OF ALL CLEARING AND GRUBBING AND ALL WORK OF REMOVAL, DISPOSAL, AND REPAIR OR REPLACEMENT OF EXISTING IMPROVEMENTS WHERE SHOWN IN THE PLANS, OR ORDERED BY THE ENGINEER TO BE REMOVED, OR WHERE REQUIRED BECAUSE OF THE CONSTRUCTION OPERATIONS, IN ORDER TO CONSTRUCT THE PROPOSED IMPROVEMENTS (THIS INCLUDES BUT IS NOT LIMITED TO PROPOSED PIPING, STRUCTURES, UTILITIES, PAVING, CURBING, ETC.).

29. AN AS-BUILT SURVEY MAY BE REQUIRED BY REGULATORY AGENCIES. CONTRACTOR TO COORDINATE WITH PROJECT OWNER FOR COMPLETION OF AS-BUILT SURVEYS PRIOR TO PROJECT / PERMIT CLOSE-OUT.

MAINTENANCE OF TRAFFIC (MOT) NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR CREATING A MAINTENANCE OF TRAFFIC (MOT) PLAN FOR CONSTRUCTION ACTIVITY THAT OCCURS WITHIN THE PUBLIC RIGHT-OF-WAY, INCLUDING BUT NOT LIMITED TO SIDEWALK WORK AND ACTIVITIES THAT REQUIRE A LANE (OR ROAD) CLOSURE, SUCH AS CONNECTION TO SEWER MANHOLES AND WATER MAINS. THE MOT PLAN MUST BE CREATED BY A REGISTERED PROFESSIONAL ENGINEER WHO IS CERTIFIED TO DO SO BY THE FDOT MOT CERTIFICATION TRAINING. THE MOT PLAN MUST ALSO BE IN ACCORDANCE WITH FDOT STANDARDS PLANS AND FDOT STANDARD SPECIFICATIONS REQUIREMENTS AND MUST BE REVIEWED AND APPROVED BY ALACHUA COUNTY AND OTHER APPLICABLE AGENCIES.

2. THE CONTRACTOR SHALL SUBMIT THE MOT TO THE APPROPRIATE REGULATORY AUTHORITY PRIOR TO WORK REQUIRING THE MOT FOR APPROVAL. NO WORK IN THE ROW SHALL OCCUR UNTIL THE MOT IS APPROVED.

DEMOLITION GENERAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE TO DISPOSE OF ALL DEMOLITION MATERIALS IN A SAFE AND LAWFUL MANNER. THE CONTRACTOR SHALL SALVAGE TO THE OWNER ANY ITEM AS DETERMINED BY THE OWNER. ONCE DEMOLISHED, MATERIAL SHALL BE DISPOSED OF PROPERLY AND IMMEDIATELY.

2. REMOVE ALL IMPROVEMENTS DEFINED ON THE DEMOLITION PLAN. SALVAGE ITEMS TO OWNER AS DEFINED BY THE OWNER'S REPRESENTATIVE AND CONSTRUCTION DOCUMENT SPECIFICATIONS.

3. EXISTING PAVEMENT AND SIDEWALK EDGES THAT BORDER NEW CONSTRUCTION OR DEMOLITION ARE TO BE SAW-CUT TO PROVIDE A SMOOTH TRANSITION.

4. ALL EXISTING TREES ARE TO REMAIN UNLESS OTHERWISE NOTED.

5. ROOTS LARGER THAN 1 INCH IN DIAMETER ON TREES TO BE PRESERVED THAT ARE ENCOUNTERED DURING CONSTRUCTION MUST BE CUT CLEANLY AND COVERED OVER WITH SOIL BY THE END OF THE WORKING DAY.

6. ALL ASPHALT AND LIMEROCK WILL BE COMPLETELY REMOVED FROM AREAS THAT WILL BE LANDSCAPED. IN PARTICULAR, AREAS WHERE ASPHALT WILL BE REMOVED MUST HAVE THE TOP HARD SURFACE, LIMEROCK, AND COMPACTED SOIL REMOVED. REPLACEMENT SOIL SHALL BE CLEAN DEEP FILL OF PH 5.5 - 6.5. THE DEPTH OF UNCOMPACTED SOIL PRIOR TO PLANTING MUST BE AT LEAST 3 FEET TO ACCOMMODATE FUTURE TREE ROOT GROWTH. NO LIMEROCK, LARGE STONES, OR OTHER CONSTRUCTION DEBRIS CAN REMAIN IN AREAS TO BE LANDSCAPED.

PAVING, GRADING, AND DRAINAGE GENERAL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR EROSION/SEDIMENTATION CONTROL PRACTICES DURING CONSTRUCTION TO MINIMIZE ON-SITE EROSION/SEDIMENTATION AND TO PROTECT AGAINST DAMAGE TO OFF SITE PROPERTY. THE FOLLOWING PRACTICES SHALL BE EMPLOYED:

A. EROSION AND SEDIMENTATION CONTROL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. AREAS OF OFF-SITE DISCHARGE DURING CONSTRUCTION SHALL BE PROTECTED WITH A SEDIMENT BARRIER PER FLORIDA STORMWATER EROSION AND SEDIMENTATION CONTROL INSPECTOR'S MANUAL TO PREVENT OFF-SITE DISCHARGE OF SEDIMENTS. A SILT BARRIER SHALL SPECIFICALLY BE REQUIRED, CONSTRUCTED, AND MAINTAINED AS INDICATED ON THIS SHEET. TEMPORARY SEED AND MULCH SHOULD BE USED TO CONTROL ON-SITE EROSION WHEN IT IS NOT PRACTICAL TO ESTABLISH PERMANENT VEGETATION. SOD SHALL BE PLACED AS EARLY AS POSSIBLE ON ALL SLOPES STEEPER THAN 5 (FT) HORIZONTAL TO 1 (FT) VERTICAL. SOD SHALL BE PINNED AS REQUIRED. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE MAINTAINED IN WORKING ORDER THROUGHOUT THE CONSTRUCTION PHASE. THE CONTRACTOR SHALL INSPECT AND REPAIR AS NECESSARY THE EROSION/SEDIMENTATION PROTECTION AT THE END OF EACH WORKING DAY.

NOTE: EROSION/SEDIMENTATION CONTROL SHALL BE PLACED PRIOR TO SITE EXCAVATION AND SHALL REMAIN IN PLACE UNTIL SITE VEGETATION AND LANDSCAPING IS COMPLETE.

B. ALL INLET STRUCTURES AND PIPE SHALL BE PROTECTED FROM SILTATION BY CONSTRUCTING INLET PROTECTION AS DEFINED BY THESE PLANS OR IN THE FDOT STANDARDS. IF SILTATION OCCURS, THE CONTRACTOR IS RESPONSIBLE TO REMOVE SILTATION AS PART OF THE BASE CONTRACT AT NO ADDITIONAL COST TO THE OWNER.

C. EXCAVATED STORMWATER FACILITIES SHALL BE CONSTRUCTED AS PART OF THE INITIAL CONSTRUCTION. THE FACILITIES SHALL BE ROUGH GRADED TO THE DESIGN ELEVATIONS. AFTER THE CONTRIBUTING DRAINAGE AREA IS STABILIZED. THE FACILITIES BOTTOM SHALL BE OVER-EXCAVATED BY SIX INCHES, SCARIFIED, BACKFILLED WITH ARCHER FILL (HAVING NO MORE THAN 5% PASSING NO. 200 SIEVE), AND GRADED TO FINAL DESIGN GRADES. EXCESS AND UNSUITABLE SOILS SHALL BE REMOVED FROM THE BASIN (REMOVE ALL ACCUMULATED SILTS, CLAYS, ORGANIC, AND DEBRIS). FINALLY, SCARIFY AND RAKE BOTTOM AND VEGETATE.

D. PERMANENT VEGETATIVE STABILIZATION SHALL BE APPLIED ON FINE GRADED SITES AS SOON AS PRACTICAL. TEMPORARY SEEDING SHOULD BE EMPLOYED TO PREVENT EXPOSURE OF BARREN SOILS UNTIL PERMANENT VEGETATION CAN BE APPLIED.

E. ALL SLOPES 1:3 OR STEEPER REQUIRE LAPPED OR PEGGED SOD.

F. EROSION, SEDIMENT AND TURBIDITY CONTROL ARE THE RESPONSIBILITY OF THE CONTRACTOR. THESE DELINEATED MEASURES ARE THE MINIMUM REQUIRED, WITH ADDITIONAL CONTROLS TO BE UTILIZED AS NEEDED, DEPENDENT UPON ACTUAL SITE CONDITIONS AND CONSTRUCTION OPERATION.

G. ALL SYNTHETIC BALES, SILT FENCE, AND OTHER EROSION CONTROL MEASURES SHALL BE REMOVED AT THE COMPLETION OF THE PROJECT.

2. THE CONTRACTOR SHALL MAINTAIN IN HIS POSSESSION A COPY OF THE WATER MANAGEMENT DISTRICT CONSTRUCTION PERMIT. HE SHALL BE RESPONSIBLE FOR ADHERENCE TO ALL CONDITIONS CONTAINED IN THE PERMIT.

3. PROPOSED SPOT ELEVATIONS REPRESENT FINISHED PAVEMENT OR GROUND SURFACE GRADE UNLESS OTHERWISE NOTED ON DRAWINGS.

4. CONTRACTOR SHALL SUBMIT FOR REVIEW TO THE OWNER AND OWNER'S ENGINEER SHOP DRAWINGS ON ALL PRECAST AND MANUFACTURED ITEMS TO BE USED ON THIS SITE. FAILURE TO OBTAIN APPROVAL BEFORE INSTALLATION MAY RESULT IN REMOVAL AND REPLACEMENT AT CONTRACTOR'S EXPENSE. ENGINEER'S APPROVAL OF A SHOP DRAWING DOES NOT RELIEVE THE CONTRACTOR'S RESPONSIBILITY FOR THE PERFORMANCE OF THE ITEM.

5. THE COST OF ALL TESTING OF COMPACTION AND OTHER REQUIRED TESTS SHALL BE PAID BY THE CONTRACTOR AND MADE AVAILABLE TO THE ENGINEER OF RECORD DURING SITE INSPECTIONS.

6. GENERAL CONTRACTOR TO CONTACT ENGINEER OF RECORD AND THE OWNER REPRESENTATIVE 48 HOURS IN ADVANCE PRIOR TO BACKFILLING TRENCHES FOR FIELD INSPECTION AND PRIOR TO LAYING ASPHALT FOR FIELD INSPECTION.

7. CONTRACTOR IS TO SUBMIT FDOT APPROVED ASPHALT DESIGN MIXES TO THE OWNER'S REPRESENTATIVE AND ENGINEER OF RECORD BEFORE ANY WORK IS TO COMMENCE ON PROJECT. THE MIXTURE AT THE PLANT OR ON THE ROAD SHALL NOT EXCEED 335 DEGREES. THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE AND PROVIDE TEMPERATURE READINGS PRIOR TO LAYING ASPHALT.

8. AS DETERMINED NECESSARY AND DIRECTED BY ALACHUA COUNTY PUBLIC WORKS DEPARTMENT OR ENGINEER OF RECORD, THE CONTRACTOR SHALL UNDERCUT ALL UNSUITABLE MATERIAL 24 INCHES BELOW THE BOTTOM OF ANY PROPOSED LIMEROCK BASE, AND SHALL BACKFILL WITH FILL MATERIAL MEETING FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. SEE FDOT INDEX 120-001 AND 120-002.

9. PROVIDE LEVEL PLATFORM IN FRONT OF ALL EGRESS DOORS. THE FLOOR SURFACE ON BOTH SIDES OF A DOOR SHALL BE AT THE SAME ELEVATION. THE FLOOR SURFACE OR LANDING ON EACH SIDE OF THE DOOR SHALL EXTEND FROM THE DOOR IN THE CLOSED POSITION A DISTANCE EQUAL TO THE DOOR WIDTH AND SHALL COMPLY WITH SECTION 4.13.6 MANEUVERING CLEARANCES AT DOORS OF THE FLORIDA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION.

10. RAMPS SHALL HAVE LEVEL LANDINGS AT THE BOTTOM AND TOP OF EACH RAMP RUN. CURB RAMPS ARE NOT REQUIRED TO HAVE LANDINGS. LANDINGS SHALL HAVE THE FOLLOWING FEATURES:

A. THE LANDING SHALL BE AT LEAST AS WIDE AS THE RAMP RUN LEADING TO IT.

B. ALL LANDINGS ON RAMPS SHALL BE NOT LESS THAN 60" CLEAR, AND THE BOTTOM OF EACH RAMP SHALL HAVE NOT LESS THAN 72" OF STRAIGHT AND LEVEL CLEARANCE.

C. IF RAMPS CHANGE DIRECTION AT LANDINGS, THE MINIMUM LANDING SIZE SHALL BE 60"X60". IF A RAMP RUN HAS A RISE GREATER THAN 6" OR A HORIZONTAL PROJECTION GREATER THAN 72" THEN IT SHALL HAVE HANDRAILS ON BOTH SIDES. HANDRAILS ARE NOT REQUIRED ON CURB RAMPS. HANDRAILS SHALL BE SHOWN ON THE SITE PLAN.

11. THE CONTRACTOR SHALL STOCKPILE TOPSOIL AND CONSTRUCTION MATERIALS IN AREAS DESIGNATED BY THE OWNER.

12. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING RECORD DRAWINGS AS NOTED IN NOTE #29 UNDER SITE GENERAL NOTES.

13. ALL CONCRETE USED SHALL BE 2,500 PSI MINIMUM.

14. ALL WELLS, CLEANOUTS, MANHOLE TOPS, PULL BOX COVERS AND OTHER UTILITY APPURTENANCES IN THE AREA OF REDEVELOPMENT SHALL BE PROTECTED AND TOPS ADJUSTED TO MATCH PROPOSED GRADES.

15. CONTRACTOR SHALL SAW CUT, TACK, AND MATCH EXISTING PAVEMENT AT LOCATIONS WHERE NEW PAVEMENT MEETS ANY EXISTING PAVEMENT.

16. SOD SHALL BE PLACED AROUND ALL STRUCTURES AS DIRECTED BY THE FDOT INDEX 524-001 AND FDOT INDEX 425- AND 430- SERIES AS APPROPRIATE. ALL OTHER DISTURBED AREAS SHALL BE SEEDED AND MULCHED.

17. ALL STORM SEWER CURB AND DITCH BOTTOM INLETS SHALL CONFORM TO THE APPLICABLE FDOT INDEX. ALL DRAINAGE STRUCTURES WITH GRATES THAT ARE LOCATED IN GRASSED AREAS SHALL HAVE THE GRATE CHAINED TO THE STRUCTURE USING AN EYE BOLT AND CHAIN.

18. ALL CONCRETE STRUCTURES SHALL HAVE ALL EXPOSED EDGES CHAMFERED 3/4" AND CLASS I SURFACE FINISH.

19. ALL HDPE FITTINGS AND CONNECTORS SHALL BE WATER TIGHT. SEE SPECIFICATIONS FOR MORE INFORMATION.

20. COMPACTION OF ALL MATERIALS SHALL BE LIMITED TO STATIC MODE ONLY, UNLESS DIRECTED OTHERWISE BY THE ENGINEER OF RECORD.

21. ALL RCP PIPE JOINTS SHALL BE WRAPPED WITH FILTER FABRIC IN ACCORDANCE WITH FDOT STANDARD SPECIFICATION SECTION 430.

WATER AND WASTEWATER GENERAL NOTES

1. THE UTILITY PLAN SHOWS ALL PUBLIC UTILITY EASEMENTS (PUES) IN A METES AND BOUNDS FORMAT. THE OWNER MAY CHOOSE TO GRANT THE METES AND BOUNDS EASEMENTS AS SHOWN, OR A BLANKET EASEMENT OVER THE ENTIRE PROPERTY, PROVIDED FACILITIES ARE INSTALLED WITHIN THE PRESCRIBED DISTANCES AS SHOWN ON THE UTILITY PLANS AND IN ACCORDANCE WITH THE UTILITY SEPARATION REQUIREMENTS
2. ALL CONSTRUCTION MATERIALS AND METHODS FOR POTABLE WATER, WASTEWATER, AND RECLAIMED WATER SYSTEMS SHALL BE IN CONFORMANCE WITH CITY'S DESIGN & CONSTRUCTION STANDARDS, LATEST EDITION.
3. POTABLE WATER AND WASTEWATER MAINS SHALL MAINTAIN A MINIMUM 10 FEET HORIZONTAL AND 1.5 FOOT VERTICAL SEPARATION. POTABLE WATER MAINS TO BE INSTALLED ABOVE WASTEWATER MAINS. ARRANGE CROSSINGS SUCH THAT WASTEWATER JOINTS SHALL BE AS FAR AS POSSIBLE FROM THE WATER MAIN JOINTS, 6-FEET MINIMUM. ALSO SEE NOTE 26.
4. A MINIMUM HORIZONTAL SEPARATION OF 10 FEET FOR POTABLE WATER MAINS, WASTEWATER FORCE MAINS, AND RECLAIMED WATER MAINS, AND 15 FEET FOR GRAVITY WASTEWATER MAINS SHALL BE PROVIDED AND MAINTAINED FROM, BUILDINGS, TRANSFORMERS, AND ALL PERMANENT STRUCTURES.
5. SERVICE LATERALS REQUIRE 5 FEET LESS CLEARANCE FOR EACH OF THE UTILITIES; NOTE THAT WATER SERVICE LATERALS SHALL BE INSTALLED WITHIN 4" SLEEVES UNDER ROADWAYS
6. POTABLE WATER SERVICES, REQUIRING A SEPARATE WATER METER, SHALL BE PROVIDED TO EACH LOT, BUILDING OR PARCEL.
7. 2" VALVES LOCATED IN PAVED AREAS, INCLUDING SIDEWALKS, OR DEEPER THAN 18 INCHES SHALL BE APPROVED CAST IRON, RESILIENT SEAT GATE VALVES WITH STANDARD 2" OPERATING NUT, THREADED WITH GALVANIZED NIPPLE BETWEEN THE VALVES AND TAPPING SADDLE OR TAPPED TEE.
8. WATER MAINS PLACED UNDER ROADWAYS, SHALL BE CEMENT LINED DUCTILE IRON PIPE (CLDIP) EXTENDING 5 FEET PAST THE BACK OF CURB.
9. TRACER WIRE INSTALLED ON ALL WATER MAINS, BOTH PVC AND DUCTILE IRON.
10. 2" WATER SERVICE CROSSINGS LOCATED UNDER ROADWAYS SHALL BE ENCASED IN 4" SCH 40 PVC EXTENDING 5' PAST THE BACK OF CURB.
11. ANCHORING TEES, COUPLINGS, AND BENDS SHALL BE USED ON ALL FIRE HYDRANT ASSEMBLIES AND INCLUDE AN ANCHORED VALVE TO THE MAIN.
12. ALL PRESSURIZED MAIN FITTINGS SHALL BE MECHANICAL JOINT WITH RESTRAINED JOINT GLANDS; A SUFFICIENT LENGTH OF THE PIPE CONNECTED TO THE FITTINGS SHALL BE MECHANICALLY RESTRAINED TO PROVIDE ADEQUATE REACTION. DEAD END RUNS SHALL BE BELL RESTRAINED UPSTREAM OR WING BLOCKED WHERE ANY ISOLATION VALVE IS SUBJECT TO BLOWING OFF DUE TO EXCAVATION.
13. ALL SANITARY WASTEWATER SERVICE LATERALS SHALL BE MIN. 4" DIAMETER PVC (SDR 35) AT 1.00% MIN. SLOPE UNLESS OTHERWISE LABELED.
14. WASTEWATER CLEANOUT COVERS LOCATED WITHIN PAVEMENT AND SIDEWALKS SHALL BE RATED FOR TRAFFIC LOAD BEARING.
15. MANHOLES WHICH ARE NOT INSTALLED UNDER PAVEMENT SHALL HAVE A RIM ELEVATION AT LEAST 6" ABOVE FINISHED GRADE, AND A 10:1 SLOPE TO FINISHED GRADE.
16. UNLESS OTHERWISE NOTED ON THE PLANS, THE FINISHED FLOOR ELEVATIONS OF BUILDINGS SHALL BE A MINIMUM OF 6" ABOVE THE LOWEST UPSTREAM MANHOLE TOP. IF THIS IS INFEASIBLE, A WASTEWATER SERVICE LATERAL BACKWATER VALVE IS REQUIRED ON THE CUSTOMER SIDE OF THE CLEANOUT.
17. WHEN A POTABLE OR RECLAIMED WATER MAIN, OR A WASTEWATER FORCE MAIN IS ROUTED WITHIN 5 FT. OF AN ELECTRIC TRANSFORMER, A COMPLETE LENGTH OF DIP SHALL BE CENTERED ON THE TRANSFORMER WITH MECHANICAL RESTRAINT AT EACH END. NO FITTINGS OR VALVES SHALL OCCUR WITHIN 10 FT. OF THE NEAREST EDGE OF THE TRANSFORMER. A MINIMUM CLEARANCE OF 3' SHALL BE MAINTAINED BETWEEN THE MAIN AND THE TRANSFORMER.
18. ALL FORCE MAINS, BOTH PVC AND DUCTILE IRON, TO HAVE TRACER WIRE WITH VALVE BOX EVERY 300-FT FOR TESTING OF TRACER WIRE.
19. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY ALL UTILITY COMPANIES TO DISCONNECT OR REMOVE THEIR FACILITIES PRIOR TO REMOVING OR DEMOLISHING ANY EXISTING STRUCTURES FROM THE SITE.
20. THE CONTRACTOR IS RESPONSIBLE FOR ANY NECESSARY UTILITY FIELD LOCATION AND RELOCATION AS REQUIRED.
21. THE COST OF ALL TESTING OF COMPACTION AND OTHER REQUIRED TESTS SHALL BE PAID BY THE CONTRACTOR AND MADE AVAILABLE TO THE ENGINEER OF RECORD DURING SITE INSPECTIONS.
22. THE CONTRACTOR SHALL PERFORM AN INFILTRATION/EXFILTRATION TEST ON GRAVITY SEWERS IN ACCORDANCE WITH THE REGULATORY JURISDICTION. SAID TESTS ARE TO BE CERTIFIED BY THE ENGINEER AND SUBMITTED TO THE REGULATORY AGENCY FOR APPROVAL. COORDINATION AND NOTIFICATION OF PARTIES US THE CONTRACTOR'S RESPONSIBILITY.
23. ALL FORCE MAINS SHALL BE SUBJECT TO A HYDROSTATIC PRESSURE TEST IN ACCORDANCE WITH THE REGULATORY AGENCY HAVING JURISDICTION. SAID TESTS ARE TO BE CERTIFIED BY THE ENGINEER AND SUBMITTED TO THE REGULATORY AGENCY FOR APPROVAL. COORDINATION AND NOTIFICATION OF PARTIES IS THE CONTRACTOR'S RESPONSIBILITY.
24. CONTRACTOR SHALL SUBMIT FOR REVIEW TO THE OWNER AND OWNER'S ENGINEER SHOP DRAWINGS ON ALL PRECAST AND MANUFACTURED ITEMS TO BE USED ON THIS SITE. FAILURE TO OBTAIN APPROVAL BEFORE INSTALLATION MAY RESULT IN REMOVAL AND REPLACEMENT AT CONTRACTOR'S EXPENSE. ENGINEER'S APPROVAL OF A SHOP DRAWING DOES NOT RELIEVE THE CONTRACTOR'S RESPONSIBILITY FOR THE PERFORMANCE OF THE ITEM.
25. A HORIZONTAL SEPARATION OF TEN FEET PREFERRED, BUT NO LESS THAN SIX FEET, SHALL BE MAINTAINED BETWEEN POTABLE WATER MAINS AND GRAVITY OR PRESSURE WASTEWATER MAINS, WASTEWATER FORCE MAINS, AND RECLAIMED WATER MAINS NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. A HORIZONTAL SEPARATION OF TEN FEET PREFERRED, BUT NO LESS THAN THREE FEET, SHALL BE MAINTAINED BETWEEN POTABLE WATER MAINS AND VACUUM WASTEWATER MAINS. A HORIZONTAL SEPARATION OF THREE FEET SHALL BE MAINTAINED BETWEEN POTABLE WATER MAINS AND STORM SEWERS, STORMWATER FORCE MAINS, AND RECLAIMED WATER MAINS REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.
26. POTABLE WATER MAINS CROSSING WASTEWATER PIPES (FORCE MAINS, GRAVITY PIPES, ETC.): IF 1.5 FT VERTICAL SEPARATION IS NOT POSSIBLE WHEN LOCATING A WATER MAIN ABOVE A WASTEWATER PIPE, THEN (1) INSTALL THE WASTEWATER PIPE WITH A MINIMUM PRESSURE RATING OF 150 PSIG, OR (2) ENCASE EITHER THE WATER OR WASTEWATER PIPE WITH A WATERTIGHT CARRIER PIPE THAT EXTENDS 10 FEET ON BOTH SIDES OF THE CROSSING, OR (3) AROUND THE WASTEWATER PIPE, PROVIDE FLOWABLE FILL THAT EXTENDS 10 FEET ON BOTH SIDES OF THE CROSSING OR (4) PROVIDE ONE 20-LF SEGMENT OF WATER MAIN AND ONE 20-LF SEGMENT OF WATERWATER MAIN CENTERED AT THE POINT OF CROSSING.

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SCALE: N/A
VERIFY SCALE BAR IS CORRECT FOR PLOTTED SIZE
IF NOT ONE INCH ON THIS SHEET ADJUST SCALES ACCORDINGLY.

CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
05-19-23: 30% SUB

ABBREVIATIONS

	SYMBOLS
'	FEET (WHEN USED WITH LENGTHS)
°	DEGREES
'	MINUTES (WHEN USED WITH ANGLES)
"	SECONDS
%	PERCENT
@	AT
	A
AASHTO	ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
AC	ACRES
ADA	AMERICAN WITH DISABILITIES ACT
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
ARCH	ARCHITECT
ARV	AIR RELEASE VALVE
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
AWWA	AMERICAN WATER WORKS ASSOCIATION
	B
BC	BACK OF CURB
BFP	BACKFLOW PREVENTER
BLDG	BUILDING
BM	BENCHMARK
BMP	BEST MANAGEMENT PRACTICE
BOC	BACK OF CURB
BVCS	BEGIN VERTICAL CURVE STATION
BVCE	BEGIN VERTICAL CURVE ELEVATION
BW	BOTTOM OF WALL
BSL	BUILDING SETBACK LINE
	C
CATV	CABLE TELEVISION
CI	CURB INLET
CIP	CAST IRON PIPE
CLDIP	CEMENT LINE DUCTILE IRON PIPE
CMP	CORRUGATED METAL PIPE
CO	CLEANOUT
CONC	CONCRETE
COORD	COORDINATE
CR	COUNTY ROAD
C/O	CLEANOUT
	D
DBH	DIAMETER AT BREAST HEIGHT
DE	DRAINAGE EASEMENT
DEG	DEGREE
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
DWG	DRAWING
	E
e	RATE OF ELEVATION
E	EAST
EA	EACH
EL	ELEVATION
ELEV	ELEVATION
EOP	EDGE OF PAVEMENT
EOR	ENGINEER OF RECORD
ERCP	ELLIPTICAL REINFORCED CONCRETE PIPE
ESMT	EASEMENT
EVCS	END VERTICAL CURVE STATION
EVCE	END VERTICAL CURVE ELEVATION
EX	EXISTING
	F
FAC	FLORIDA ADMINISTRATIVE CODE
FBR	FLORIDA BEARING RATIO
FC	FRICTION COURSE
FDEP	FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
FDOT	FLORIDA DEPARTMENT OF TRANSPORTATION
FFE	FINISHED FLOOR ELEVATION
FH	FIRE HYDRANT
FHWA	FLORIDA HIGHWAY ADMINISTRATION
FIG	FIGURE
FM	FORCE MAIN
FOC	FACE OF CURB
FS	FLORIDA STATUTES
FT	FEET
	G
GALV	GALVANIZED
GM	GAS MAIN
GV	GATE VALVE
	H
HDPE	HIGH DENSITY POLYETHYLENE
HP	HIGH POINT
	I
ID	IDENTIFICATION
INV	INVERT
INV EL	INVERT ELEVATION
IP	IRON PIPE
	K
K	VERTICAL CURVE RATE OF CHANGE
	L
L	LENGTH
LA	LANDSCAPE ARCHITECT
LBR	LIMEROCK BEARING RATIO
LDR	LAND DEVELOPMENT REGULATION
LF	LINEAR FEET
LP	LOW POINT
LT	LEFT
	M
MAX	MAXIMUM
ME	MATCH EXISTING
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MJ	MECHANICAL JOINT
MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
	N
N	NORTH
N-E	NORTHING - EASTING
N/A	NOT APPLICABLE
NAVD	NORTH AMERICAN VERTICAL DATUM OF 1988
NGVD	NATIONAL GEODETIC VERTICAL DATUM OF 1929
NO	NUMBER
NPDES	NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
NTS	NOT TO SCALE
	O
OC	ON CENTER
OHW	OVERHEAD WIRE
ORB	OFFICIAL RECORDS BOOK
OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
	P
PAVT	PAVEMENT
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVE
PE	POLYETHYLENE
PERF	PERFORATED
PROP	PROPOSED
PT	POINT OF TANGENCY
PVC	POLYVINYL CHLORIDE
PUE	PUBLIC UTILITY EASEMENT
PVI	POINT OF VERTICAL INTERSECTION
	R
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
RPM	RAISED REFLECTIVE PAVEMENT MARKER
RPZ	REDUCED PRESSURE ZONE
RT	RIGHT
RWM	RECLAIMED WATER MAIN
R/W	RIGHT-OF-WAY
	S
S	SOUTH
SAN	SANITARY
SHWE	SEASONAL HIGH WATER ELEVATION
SF	SILT FENCE
SL	SLOPE
SP	SUPERPAVE
SR	STATE ROAD
SS	SANITARY SEWER
ST	STORM
STA	STATION
STD	STANDARD
	T
TB	TREE BARRICADE
TCE	TEMPORARY CONSTRUCTION EASEMENT
TEMP	TEMPORARY
TOB	TOP OF BANK
TV	TELEVISION
TW	TOP OF WALL
TYP	TYPICAL
	U
USF	UNITED STATES FOUNDRY
USGS	UNITED STATES GEOLOGICAL SURVEY
UTIL	UTILITY
	V
V	VERTICAL
VC	VERTICAL CURVE
VCP	VITRIFIED CLAY PIPE
	W
W	WEST
W	WATER
W/	WITH
WM	WATER MAIN
WW	WASTEWATER
WWF	WELDED WIRE FABRIC

SIGNAGE

SIGNS ARE PER FDOT SPECIFICATIONS OR PER MUTCD. SIGN POSTS AND INSTALLATION SHALL BE PER FDOT INDEX NO. 700-010. SIGN PLACEMENT SHALL BE PER FDOT INDEX NO. 700-101.

FLORIDA ST DISABLED PERMIT ONLY

FTP-20-06 (12" X 18") PER FDOT INDEX NO. 700-102

STOP

R1-1 "STOP" - SEE PLANS FOR SIZE

SITE INFORMATION

- *EX. PROPERTY LINE*
- *LANDSCAPE BUFFER LINE*
- *BUILDING SETBACK LINE*
- *WETLAND LIMITS LINE*
- *WETLAND SETBACK LINE*
- *CENTER LINE*
- *EASEMENT LINE*
- *RIGHT-OF-WAY LINE*
- SF — SF — *SILT FENCE LINE*
- TB — TB — *TREE BARRICADE LINE*
- *CHAINLINK FENCE TREE BARRICADE*
- *EX. STRUCTURE OR BUILDING*
- *PROPOSED BUILDING*
- *PROPOSED ASPHALTIC PAVEMENT*
- *PROPOSED CONCRETE PAVEMENT*
- *PROPOSED DETECTABLE WARNING SURFACE*
- *DIRECTIONAL TRAFFIC ARROW PER FDOT INDEX NO. 17346*
- *WATERSHED DIVIDE*
- 99 — *EX. ELEVATION CONTOUR*
- 99 — *PROPOSED CONTOUR*
- 93.23× — *EX. SPOT ELEVATION*
- 93.23 — *PROPOSED SPOT ELEVATION*
- *DIRECTION OF SURFACE DRAINAGE FLOW*
- *PROPOSED SWALE LINE*
- x — x — *EX. FENCE*
- *PROPOSED FENCE*
- 12" PINE — *EX. TREE (SIZE & TYPE)*
- 1234 — *EX. TREE (TREE ID)*
- 12" PINE — *EX. TREE TO BE REMOVED (SIZE & TYPE)*
- 1234 — *EX. TREE TO BE REMOVED (TREE ID)*
- *PROJECT BENCHMARK*

STORMWATER

THE PROPOSED STORMWATER STRUCTURES DEPICTED BELOW ARE DRAWN PER FDOT SPECIFICATIONS AND TO SCALE WHEN SHOWN ON THE PLAN SHEETS.

- ST — ST — *EX. GRAVITY STORMWATER MAIN*
- P–ST — *PROPOSED GRAVITY STORMWATER MAIN (PIPE LENGTHS ARE FROM N-E LOCATION OF A STRUCTURE TO N-E LOCATION OF A STRUCTURE)*
- ST — *EX. STORMWATER MANHOLE*
- N-E LOCATION / TOP/RIM ELEV. LOCATION — *PROPOSED 48" DIA. STORMWATER MANHOLE PER FDOT INDEX. NO. 425-001 AND 425-010*
- N-E LOCATION / TOP/GRATE ELEV. LOCATION — *PROPOSED CIRCULAR AREA DRAIN*
- N-E LOCATION / TOP/GRATE ELEV. LOCATION — *PROPOSED SQUARE AREA DRAIN*
- N-E LOCATION / TOP ELEV. LOCATION — *PROPOSED TYPE 1 CURB INLET TOP PER FDOT INDEX NO. 425-020 (SEE PLANS FOR BOTTOM SPECIFICATION)*
- N-E LOCATION / TOP ELEV. LOCATION — *PROPOSED TYPE 2 CURB INLET TOP PER FDOT INDEX NO. 425-020 (SEE PLANS FOR BOTTOM SPECIFICATION)*
- N-E LOCATION / TOP ELEV. LOCATION — *PROPOSED TYPE 3 CURB INLET TOP PER FDOT INDEX NO. 425-020 (SEE PLANS FOR BOTTOM SPECIFICATION)*
- N-E LOCATION / TOP ELEV. LOCATION — *PROPOSED TYPE 4 CURB INLET TOP PER FDOT INDEX NO. 425-020 (SEE PLANS FOR BOTTOM SPECIFICATION)*
- N-E LOCATION / TOP ELEV. LOCATION — *PROPOSED TYPE 5 CURB INLET TOP PER FDOT INDEX NO. 425-021 (SEE PLANS FOR BOTTOM SPECIFICATION)*
- N-E LOCATION / TOP ELEV. LOCATION — *PROPOSED TYPE 6 CURB INLET TOP PER FDOT INDEX NO. 425-021 (SEE PLANS FOR BOTTOM SPECIFICATION)*
- N-E LOCATION / TOP/GRATE ELEV. LOCATION — *PROPOSED TYPE 9 CURB INLET TOP PER FDOT INDEX NO. 425-024 (SEE PLANS FOR BOTTOM SPECIFICATION)*
- N-E LOCATION / TOP/GRATE ELEV. LOCATION — *PROPOSED TYPE 'C' DITCH BOTTOM INLET TOP PER FDOT INDEX NO. 425-052 (SEE PLANS FOR GRATE MATERIAL AND BOTTOM SPECIFICATION)*
- N-E LOCATION / TOP/GRATE ELEV. LOCATION — *PROPOSED TYPE 'D' DITCH BOTTOM INLET TOP PER FDOT INDEX NO. 425-052 (SEE PLANS FOR GRATE MATERIAL AND BOTTOM SPECIFICATION)*
- N-E LOCATION / TOP/GRATE ELEV. LOCATION — *PROPOSED TYPE 'E' DITCH BOTTOM INLET TOP PER FDOT INDEX NO. 425-052 (SEE PLANS FOR GRATE MATERIAL AND BOTTOM SPECIFICATION)*
- N-E LOCATION / TOP/GRATE ELEV. LOCATION — *PROPOSED TYPE 'F' DITCH BOTTOM INLET TOP WITH STEEL GRATE PER FDOT INDEX NO. 425-053 (SEE PLANS FOR BOTTOM SPECIFICATION)*
- N-E LOCATION / TOP/GRATE ELEV. LOCATION — *PROPOSED TYPE 'G' DITCH BOTTOM INLET TOP WITH STEEL GRATE PER FDOT INDEX NO. 425-053 (SEE PLANS FOR BOTTOM SPECIFICATION)*
- N-E LOCATION / TOP/GRATE ELEV. LOCATION — *PROPOSED TYPE 'H' DITCH BOTTOM INLET TOP PER FDOT INDEX NO. 425-052 (SEE PLANS FOR GRATE MATERIAL AND BOTTOM SPECIFICATION)*
- N-E LOCATION / TOP/GRATE ELEV. LOCATION — *PROPOSED TYPE 'J' DITCH BOTTOM INLET TOP WITH STEEL GRATE PER FDOT INDEX NO. 425-054 (SEE PLANS FOR BOTTOM SPECIFICATION)*
- PIPE INV. LOCATION / N-E LOCATION — *PROPOSED U-TYPE CONCRETE ENDWALLS WITH GRATES PER FDOT INDEX NO. 430-010 (SEE PLANS FOR SIZE)*
- N-E LOCATION / INV. ELEV. LOCATION — *PROPOSED FLARED END SECTION PER FDOT INDEX NO. 430-020 (SEE PLANS FOR SIZE)*
- N-E LOCATION / PIPE INV. ELEV. LOCATION — *PROPOSED CROSS DRAIN MITERED END SECTION PER FDOT INDEX NO. 430-021 (SEE PLANS FOR SIZE)*
- N-E LOCATION / PIPE INV. ELEV. LOCATION — *PROPOSED SIDE DRAIN MITERED END SECTION PER FDOT INDEX NO. 430-022 (SEE PLANS FOR SIZE)*
- S–10 — *PROPOSED STORMWATER STRUCTURE ID TAG*

POTABLE AND RECLAIMED WATER

- W — W — *EX. POTABLE WATER MAIN*
- P–W — *PROPOSED POTABLE WATER MAIN*
- RCW — RCW — *EX. RECLAIMED WATER MAIN*
- P–RCW — *PROPOSED RECLAIMED WATER MAIN*
- *11.25˚ BEND W/ MECHANICALLY RESTRAINED JOINTS (POTABLE AND RCW)*
- *22.5˚ BEND W/ MECHANICALLY RESTRAINED JOINTS (POTABLE AND RCW)*
- *45˚ BEND W/ MECHANICALLY RESTRAINED JOINTS (POTABLE AND RCW)*
- *90˚ BEND W/ MECHANICALLY RESTRAINED JOINTS (POTABLE AND RCW)*
- *TEE (POTABLE AND RCW)*
- *CROSS (POTABLE AND RCW)*
- *BLOWOFF ASSEMBLY (POTABLE AND RCW)*
- *REDUCER (POTABLE AND RCW)*
- *EX. GATE VALVE AND BOX (POTABLE AND RCW)*
- *PROPOSED GATE VALVE AND BOX (POTABLE AND RCW)*
- *EX. AIR RELEASE VALVE (POTABLE AND RCW)*
- *PROPOSED AIR RELEASE VALVE (POTABLE AND RCW)*
- *EX. FIRE HYDRANT ASSEMBLY*
- *PROPOSED FIRE HYDRANT ASSEMBLY*
- *PROPOSED SAMPLE POINT*
- *EX. WATER METER (POTABLE AND RCW)*
- *PROPOSED POTABLE WATER METER*
- *PROPOSED POTABLE WATER BACK FLOW PREVENTER*
- *PROPOSED RECLAIMED WATER METER*
- W — *EX. WATER WELL*
- *EX, HOSE BIB (POTABLE AND RECLAIMED)*
- *PROPOSED HOSE BIB (POTABLE AND RECLAIMED)*
- 11 — *PROPOSED FITTING ID TAG (POTABLE AND RECLAIMED)*

WASTEWATER

- WW — WW — *EX. GRAVITY WASTEWATER MAIN*
- P–WW — *PROPOSED GRAVITY WASTEWATER MAIN (PIPE LENGTHS ARE FROM N-E LOCATION OF A STRUCTURE TO N-E LOCATION OF A STRUCTURE)*
- FM — FM — *EX. WASTEWATER FORCE MAIN*
- P–FM — *PROPOSED WASTEWATER FORCE MAIN*
- N-E LOCATION / RIM ELEV. LOCATION — *EX. WASTEWATER MANHOLE*
- *PROPOSED WASTEWATER MANHOLE*
- *EX. WASTEWATER CLEANOUT*
- *PROPOSED WASTEWATER CLEANOUT*
- *PROPOSED WASTEWATER GREASE TRAP*
- MH# — *PROPOSED WASTEWATER MANHOLE ID*
- *11.25˚ BEND W/ MECHANICALLY RESTRAINED JOINTS (WW FORCE MAIN)*
- *22.5˚ BEND W/ MECHANICALLY RESTRAINED JOINTS (WW FORCE MAIN)*
- *45˚ BEND W/ MECHANICALLY RESTRAINED JOINTS (WW FORCE MAIN)*
- *90˚ BEND W/ MECHANICALLY RESTRAINED JOINTS (WW FORCE MAIN)*
- *WYE W/ MECHANICALLY RESTRAINED JOINTS (WW FORCE MAIN)*
- *EX. PLUG VALVE AND BOX (WW FORCE MAIN)*
- *PROPOSED PLUG VALVE AND BOX (WW FORCE MAIN)*
- *EX. AIR RELEASE VALVE (WW FORCE MAIN)*
- *PROPOSED AIR RELEASE VALVE (WW FORCE MAIN)*

MISCELLANEOUS UTILITIES

THE PROPOSED UTILITIES BELOW ARE DESIGN BY OTHERS AND ARE DEPICTED FOR COORDINATION PURPOSES ONLY. REFER TO PLANS BY OTHERS FOR EXACT LOCATIONS, DIMENSION, AND DETAILS.

- P–ATT — *PROPOSED AT&T LINE*
- BC — BC — *EX. BURIED CABLE LINE*
- P–BC — *PROPOSED BURIED CABLE LINE*
- BTEL — *EX. BURIED TELEPHONE LINE*
- P–TEL — *PROPOSED TELEPHONE LINE*
- CATV — *EX. CABLE TELEVISION LINE*
- P–TV — *PROPOSED CABLE/TELEVISION LINE*
- FO — FO — *EX. FIBER OPTIC LINE*
- UGTEL — *EX. UNDERGROUND TELEPHONE LINE*
- TP — *EX. TELEPHONE PEDESTAL*
- TV — *EX. TELEVISION/CABLE PEDESTAL*
- CHW — CHW — *EX. CHILLED WATER MAIN*
- P–CHW — *PROPOSED CHILLED WATER MAIN*
- FIRE — *EX. FIRE MAIN*
- P–FIRE — *PROPOSED FIRE MAIN*
- IRR — IRR — *EX. IRRIGATION LINE*
- P–IRR — *PROPOSED IRRIGATION LINE*
- STEAM — *EX. STEAM LINE*
- P–STEAM — *PROPOSED STEAM LINE*
- P–CLAY — *PROPOSED CLAY ELECTRIC LINE*
- E — E — *EX. ELECTRIC LINE*
- P–E — *PROPOSED ELECTRIC LINE*
- EN — EN — *EX. ENERGY LINE*
- P–LIGHT — *PROPOSED PRIVATE LIGHTING LINE*
- OHW — OHW — *EX. OVERHEAD WIRE LINE*
- UGE — UGE — *EX. UNDERGROUND ELECTRIC LINE*
- *EX. LIGHT*
- *EX. UTILITY POLE*
- *EX. UTILITY POLE*
- *EX. WOOD POWER POLE*
- *EX. GUY ANCHOR*
- T — *PROPOSED TRANSFORMER*
- GAS — GAS — *EX. GAS LINE*
- P–GAS — *PROPOSED GAS LINE*
- *EX. GAS MARKER*
- *EX. GAS MARKER*

NOTES:
1. THIS LEGEND IS ALL INCLUSIVE AND MAY INCLUDE ITEMS NOT A PART OF THIS PLAN SET.

2. SYMBOLS SHOWN ON THIS SHEET ARE FOR ILLUSTRATIVE PURPOSES ONLY. UNLESS NOTED OTHERWISE, SYMBOLS IN THESE PLANS MAY NOT BE REPRESENTATIVE OF SIZE.

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SCALE: N/A
VERIFY SCALE BAR IS CORRECT FOR DRAWING SCALE
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
06-19-23: 30% SUBMITTAL
08-15-23: ALACHUA COUNTY SUBMITTAL
10-30-23: ALACHUA COUNTY
11-08-23: SJRWMD RE-SUBMITTAL
11-22-23: SJRWMD & GRU RESUBMITTAL

CLIENT: UF HEALTH SHANDS HOSPITAL

PROJECT: FLORIDA RECOVERY CENTER AT UF HEALTH SANTA FE VILLAGE TOD PHASE - I

SHEET TITLE: LEGEND

TECHNICIAN: KTM
DESIGNER: CM
QUALITY CONTROL: R.O.
PROJECT NUMBER: 21-0340.02

RANDALL SCOTT OLNEY

Randall Scott Olney, P.E.
State of Florida, Professional Engineer, License No. 68382

This item has been digitally signed and sealed by Randall Scott Olney, P.E. on the date indicated here.

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Digitally signed by Randall Scott Olney
Date: 2023.11.22 09:36:11 -05'00'

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I. INTRODUCTION

THIS DOCUMENT WAS PREPARED IN ORDER TO ILLUSTRATE COMPLIANCE WITH CHAPTER 62-621.300 (4) OF THE FLORIDA ADMINISTRATIVE CODE, WHICH PERTAINS TO THE GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES. THE ADMINISTRATIVE CODE GRANTS THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) THE AUTHORITY TO REGULATE POINT SOURCE DISCHARGE OF STORMWATER FROM CONSTRUCTION SITES. THIS DOCUMENT ESTABLISHES A STORMWATER POLLUTION PREVENTION PLAN FOR THE SITE USING STANDARD PRACTICE AND BEST MANAGEMENT PRACTICES (BMPs) AND IS ORGANIZED TO CORRESPOND TO 62-621.300(4)(a) GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES FDEP FORM 62-621.300(4)(b) IS TO BE SUBMITTED IN CONJUNCTION WITH THIS DOCUMENT. CONTRACTOR(S) MUST FILL IN THE ACTIVITIES SEQUENCE (SECTION II. B. BELOW) AND SIGN THIS SHEET (REFER TO SIGNATURE TABLE THIS SHEET) AND RETAIN THIS SHEET AND ALL FOLLOWING SWPPP SHEETS ON SITE. ALTERNATIVELY, CONTRACTOR(S) MAY PREPARE AND SIGN THEIR OWN SWPP PLAN MEETING THE REQUIREMENTS. IF THE SITE OR CONTRACTOR ACTIVITIES REQUIRE ANY BMPs THAT ARE NOT DESCRIBED ON THIS SHEET, THE CONTRACTOR MUST PREPARE AN ALTERNATIVE OR ADDITIONAL SWPPP DOCUMENT CONTAINING THE NECESSARY BMPs.

II. SITE DESCRIPTION

COUNTY:	ALACHUA COUNTY, FLORIDA
SECTION, TOWNSHIP, RANGE:	SECTION 20, TOWNSHIP 9 SOUTH, RANGE 19 EAST
COUNTY PARCEL NO.:	06041-002-004, 06041-002-005, & 06041-002-002
STREET ADDRESS:	4305 NW 90 BLVD, GAINESVILLE, FL 32606
PROJECT AREA:	7.14 ACRES
SITE LOCATION MAP:	SEE COVER SHEET OF CONSTRUCTION DRAWINGS

A. NATURE OF CONSTRUCTION ACTIVITY

THE PROPOSED DEVELOPMENT IS THE CONSTRUCTION OF ±18,000 S.F. OF MULTIFAMILY APARTMENT BUILDINGS, A 4,175 SF AMENITIES BUILDING, RENOVATIONS TO AN EXISTING MEDICAL BUILDING, AND ASSOCIATED PAVEMENT FOR DRIVEWAYS AND PARKING, SIDEWALKS, UTILITIES, AND STORMWATER MANAGEMENT FACILITY(S). THE PROJECT SITE IS LOCATED AT 4305 NW 90 BLVD, GAINESVILLE, FL 32606, GAINESVILLE FLORIDA. THE PROJECT SITE TOTAL AREA IS APPROXIMATELY 7.14 ACRES.

B. SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES - CONTRACTOR MUST FILL IN DAYS

DAYS

FROM_____TO_____ PRIOR TO CONSTRUCTION, SILT FENCING AND TREE PROTECTION FENCING SHALL BE INSTALLED AND ALL EXISTING STORM DRAINAGE SWALE AND INLETS SHALL BE PROTECTED IN ACCORDANCE WITH THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL, DATED JULY 2013, AND THESE PLANS.

FROM_____TO_____ THE CONSTRUCTION SERVICE ENTRANCE SHALL BE STABILIZED TO MINIMIZE THE CREATION OF DUST AND OFF-SITE TRACKING OF SEDIMENTS.

FROM_____TO_____ ONLY THE AREA COMPRISING THE PROPOSED STORMWATER MANAGEMENT FACILITY(S) SHALL BE CLEARED AND GRUBBED OF UNWANTED VEGETATION.

FROM_____TO_____ THE PROPOSED STORMWATER MANAGEMENT FACILITY(S) SHALL BE CONSTRUCTED.

FROM_____TO_____ IF SUITABLE, THE EXCAVATED SOIL FROM THE FACILITY(S) MAY BE USED AS FILL FOR ON-SITE GRADING THAT IS DEPICTED IN THESE CONSTRUCTION PLANS. THE CONTRACTOR SHALL DISPOSE OF ALL UNSUITABLE MATERIAL ON-SITE OR OFF-SITE TO A PERMITTED LOCATION.

FROM_____TO_____ THE REMAINING PORTION OF THE SITE THAT IS TREATED BY THE CONSTRUCTED STORMWATER MANAGEMENT FACILITY(S) SHALL BE CLEARED AND GRUBBED.

FROM_____TO_____ THE PERMANENT ROADWAYS/DRIVEWAYS SHALL BE ROUGHLY GRADED.

FROM_____TO_____ THE UNDERGROUND UTILITIES INFRASTRUCTURE AND STORMWATER PIPING SYSTEM SHALL BE INSTALLED. ANY DE-WATERING (PUMPED) SHALL BE DIVERTED TO THE ASSOCIATED STORMWATER MANAGEMENT FACILITY(S).

FROM_____TO_____ THE PERMANENT ROADWAY/DRIVEWAY SUBGRADE SHALL BE COMPACTED, A LIMEROCK BASE SHALL BE ESTABLISHED, AND THEN FOLLOWED BY AN OVERLAY OF ASPHALT.

FROM_____TO_____ UPON SIGNIFICANT COMPLETION OF CONSTRUCTION, THE STORMWATER PIPING SYSTEM SHALL BE FLUSHED OUT TO REMOVE ACCUMULATED DEBRIS AND SEDIMENT.

FROM_____TO_____ UPON COMPLETION OF THE DEBRIS AND SEDIMENT REMOVAL FROM THE STORMWATER PIPING SYSTEM, THE PROPOSED STORMWATER MANAGEMENT FACILITY(S) SHALL BE FINE GRADED AND SHALL BE EXCAVATED A MINIMUM OF SIX INCHES BELOW THE DESIGN BOTTOM ELEVATION AND REPLACED WITH FILL HAVING A MINIMUM PERMEABILITY RATE OF 20 FEET/DAY WITH A MAXIMUM OF 5% SOIL FINES PASSING THE NO. 200 SIEVE. THE BOTTOM SHALL BE SCARIFIED AND STABILIZED ACCORDING TO THESE PLANS. ONCE COMPLETED, NO HEAVY MACHINERY SHALL BE ALLOWED WITHIN THE STORMWATER MANAGEMENT FACILITY(S).

FROM_____TO_____ ALL REMAINING DISTURBED AREAS WITHIN THE CONSTRUCTION AREA SHALL BE COMPLETELY GRASSED AND/OR LANDSCAPED ACCORDING TO THESE PLANS. TURF ESTABLISHMENT SHALL BE PER FDOT STANDARD SPECIFICATIONS SECTION 570. EVIDENCE OF GROWTH MUST BE PRESENT PRIOR TO REMOVAL OF SILT FENCING AND OTHER EROSION CONTROL APPLICATIONS.

C. SITE DEVELOPMENT DATA:

TOTAL PROJECT SITE AREA:	7.14 ACRES
TOTAL SITE AREA TO BE DISTURBED:	7.14 ACRES
TOTAL IMPERVIOUS AREA (AS SHOWN IN CONSTRUCTION DRAWINGS):	4.29 ACRES
TOTAL DETENTION VOLUME:	9.39 ACRE-FEET
TOTAL OPEN AREA:	2.85 ACRES

D. SOIL CONDITIONS AND STORMWATER QUALITY

THE NRCS DATA FOR THE SITE REVEALS THAT THE SITE SOILS ARE COMPRISED OF ARREDONDO FINE SAND AND MILLHOPPER SAND. GSE ENGINEERING AND CONSULTING, INC. CONDUCTED A GEOTECHNICAL EXPLORATION OF THE PROPOSED STORMWATER MANAGEMENT FACILITY(S) LOCATION IN JUNE OF 2023. THE INVESTIGATION REVEALED THAT THE PROJECT SITE'S SURFACE SOILS HAVE THE FOLLOWING CHARACTERISTICS:

DEPTH TO EFFECTIVE OR MOBILIZED AQUIFER:	14.00 FEET
DEPTH OF SEASONAL HIGH WATER TABLE:	13.50 FEET
HORIZONTAL HYDRAULIC CONDUCTIVITY:	5.00 FEET/DAY
UNSATURATED VERTICAL INFILTRATION:	3.50 FEET/DAY

DESIGN PERCOLATION RATES FOR THE STORMWATER MANAGEMENT FACILITY(S) WERE DETERMINED BASED ON LABORATORY PERMEABILITY TEST RESULTS FROM BORING SAMPLES TAKEN WITHIN THE LIMITS OF THE STORMWATER MANAGEMENT FACILITY(S).

THE STORMWATER MANAGEMENT FACILITY(S) WAS DESIGNED TO PROVIDE RATE AND VOLUME CONTROL AND WATER QUALITY TREATMENT OF THE STORMWATER RUNOFF RESULTING FROM THE POST-DEVELOPMENT SITE UNDER 100-YEAR CRITICAL STORM EVENT RAINFALL CONDITIONS. THE STORMWATER POLLUTION PREVENTION PLAN (C0.21) DEPICTS THE POST-DEVELOPMENT WATERSHED(S) LIMITS AND THE TABLE BELOW SUMMARIZES EACH WATERSHED.

WATERSHED ID	POST DEVELOPMENT AREA (ACRES)	POST DEVELOPMENT RUNOFF FACTOR (CN)	POST DEVELOPMENT IMPERVIOUS AREA (ACRES)	STORMWATER MANAGEMENT FACILITY TYPE	FACILITY DETENTION CAPACITY (ACRE-FEET)	100-YEAR FLOOD ELEVATION (FT)
POST DA-1	10.42	85	6.77	DRY RETENTION	9.39	154.79

E. SITE MAP

PLEASE SEE THE STORMWATER POLLUTION PREVENTION PLAN (C0.21) FOR DETAILS.

F. STORMWATER OUTFALL LOCATION AND RECEIVING WATER BODY

THE ASSOCIATED RECEIVING WATER BODY FOR STORMWATER MANAGEMENT FACILITY 1 IS AN UNNAMED DRAIN (FDEP WBID #2694)

III. CONTROLS TO REDUCE POLLUTION

AS OUTLINED IN THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT (SJRWMD) PERMIT, ALL CONSTRUCTION ACTIVITIES SHALL BE CONDUCTED IN A MANNER AS TO NOT VIOLATE STATE WATER QUALITY STANDARDS. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL IMPLEMENT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES REQUIRED TO RETAIN SEDIMENT ON-SITE. IF SITE CONDITIONS ARE SUCH THAT ADDITIONAL CONTROL MEASURES ARE REQUIRED OTHER THAN WHAT IS SPECIFIED IN THE EROSION AND SEDIMENTATION CONTROL PLAN, THEN THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL BEST MANAGEMENT PRACTICES. THESE MEASURES MUST BE INSPECTED AND MAINTAINED THROUGHOUT THE CONSTRUCTION PHASE AND UNTIL AS DIRECTED BY THESE PLANS. THE STORMWATER POLLUTION PREVENTION PLAN (C0.21) AND SECTION IV BELOW PROVIDE DETAILS ON THE SPECIFIC CONTROL MEASURES TO REDUCE STORMWATER POLLUTION.

IV. EROSION AND SEDIMENT CONTROLS

A. STABILIZATION PRACTICES

EXISTING TREES AND NATURAL VEGETATION TO REMAIN ON-SITE SHALL BE PROTECTED BY TREE BARRICADE FENCING AS DEPICTED ON THE STORMWATER POLLUTION PREVENTION PLAN (C0.21). TYPE III SILT FENCING SHALL PROTECT ALL DRAINAGE STRUCTURES AND SHALL BUFFER AREAS WITH POTENTIAL TO CONTRIBUTE OFF-SITE RUNOFF AND AS SPECIFICALLY DEPICTED ON THE STORMWATER POLLUTION PREVENTION PLAN (C0.21). STABILIZATION MEASURES SHALL BE INITIATED FOR EROSION AND SEDIMENT CONTROL ON DISTURBED AREAS AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 7 DAYS, IN PORTIONS OF THE SITE WHERE CONSTRUCTION HAS TEMPORARILY OR PERMANENTLY CEASED. AS SPECIFIED IN SECTION II.B. ABOVE, UPON COMPLETION OF CONSTRUCTION, ALL STORMWATER MANAGEMENT FACILITIES SHALL BE SCRAPED CLEAN OF ACCUMULATED SEDIMENT AFTER THE COMPLETION OF CONSTRUCTION. ALL TURF ESTABLISHMENT SHALL BE PERFORMED MEETING THE REQUIREMENTS OF SECTION 570 OF THE STANDARD SPECIFICATIONS. EVIDENCE OF GROWTH MUST BE PRESENT PRIOR TO FINAL RELEASE.

B. STRUCTURE PRACTICES

AS DEPICTED IN THE STORMWATER POLLUTION PREVENTION PLAN (C0.21), A STORMWATER MANAGEMENT SYSTEM WILL BE CONSTRUCTED AND WILL BE COMPRISED OF A DRY RETENTION FACILITY AND A STORM PIPE CONVEYANCE SYSTEM. TO PREVENT EROSION DURING CONSTRUCTION, TYPE III SILT FENCING WILL BE INSTALLED IN THE LOCATIONS SHOWN ON THE PLANS. ALL EXISTING AND PROPOSED STORM DRAINS AND DRAINAGE SWALES SHALL BE PROTECTED ACCORDING TO THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL, DATED JULY 2013 OR PER DETAILS PROVIDED ON SHEET C0.21 UNTIL CONSTRUCTION IS COMPLETE. THE STORM PIPE CONVEYANCE SYSTEM SHALL BE FLUSHED OUT TO REMOVE ALL ACCUMULATED DEBRIS AND SEDIMENT UPON COMPLETION OF CONSTRUCTION.

C. DRAINAGE LOCATIONS THAT SERVE AREAS WITH LESS THAN 10 DISTURBED ACRES

NOT APPLICABLE, SEE SECTION D, BELOW.

D. DRAINAGE LOCATIONS THAT SERVE AREAS WITH MORE THAN 10 DISTURBED ACRES

AS SPECIFIED IN THE "SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES," THE SMF(S) WILL BE CONSTRUCTED PRIOR TO CLEARING AND GRUBBING OUTSIDE OF THE SMF(S) AREAS AND CONSTRUCTION OF THE PERMANENT PAVED AREAS. THE TOTAL CONTRIBUTING DRAINAGE AREA TO THE STORMWATER MANAGEMENT SYSTEM IS APPROXIMATELY 10.42 ACRES AND WILL CONSIST OF APPROXIMATELY 7.14 ACRES OF DISTURBED CONSTRUCTION AREA. THEREFORE, NO ADDITIONAL SEDIMENT TRAP BASINS ARE NECESSARY TO PROVIDE SEDIMENT STORAGE ON-SITE DURING CONSTRUCTION. AS SHOWN ON THE STORMWATER POLLUTION PREVENTION PLAN (C0.21), THE PROPOSED STORMWATER MANAGEMENT SYSTEM WILL PREVENT OFF-SITE EROSION DURING CONSTRUCTION. SILT FENCES OR EQUIVALENT SEDIMENT CONTROLS SHALL BE INSTALLED AT SIDE SLOPE AND DOWN SLOPE BOUNDARIES, INLET LOCATION, OUTLET LOCATIONS, AND OTHER LOCATIONS AS SHOWN ON THE STORMWATER POLLUTION PREVENTION PLAN, AS REQUIRED. BY COMPLETION OF CONSTRUCTION, THE SIDE SLOPES, SWALES, AND ALL DISTURBED AREAS SHALL BE STABILIZED WITH GRASS AND LANDSCAPING AS SPECIFIED ON THE CONSTRUCTION DRAWINGS.

V. STORMWATER MANAGEMENT

A. BEST MANAGEMENT PRACTICES

AFTER CONSTRUCTION, THE STORMWATER MANAGEMENT SYSTEM SHALL BE MAINTAINED IN ACCORDANCE WITH THE SPECIFIED STORMWATER MAINTENANCE NOTES IN THE INCLUDED CONSTRUCTION DRAWINGS AND/OR RESPECTIVE MAINTENANCE REPORTS. SPECIFICALLY, THE PROPOSED SMF(S) SHALL BE MOWED REGULARLY IN THE SPECIFIED AREAS, STORM PIPES AND STRUCTURES WILL BE INSPECTED SEMI-ANNUALLY AND CLEANED ANNUALLY, SMF(S) SIDE SLOPES SHALL BE MAINTAINED TO PREVENT EROSION, AND LANDSCAPING AND GRASS THAT PREVENTS EROSION SHALL BE MAINTAINED. ADDITIONALLY, REMEDIAL ACTIONS SHALL BE TAKEN SHOULD THE SMF(S) NOT PERFORM AS DESIGNED.

B. VEGETATED SWALES

WHEN VEGETATED SWALES ARE UTILIZED, SILT FENCING OR EQUIVALENT SEDIMENT CONTROLS SHALL BE INSTALLED AT ADEQUATE INTERVALS TO COLLECT SEDIMENT ALONG THE SWALE. THE SEDIMENT SHALL BE REMOVED WHEN SEDIMENT REACHES ONE-THIRD OF THE HEIGHT OF THE SILT FENCING. SEE THE STORMWATER POLLUTION PREVENTION PLAN (C0.21) FOR DETAILS AND LOCATIONS, AS REQUIRED.

C. VELOCITY DISSIPATION DEVICES AT DISCHARGE POINTS

WHEN DISCHARGE POINTS ARE NOT LOCATED UNDER WATER, RIP RAP PADS HAVE BEEN PROVIDED AT LOCATIONS WHERE NECESSARY DUE TO ANTICIPATED DISCHARGE VELOCITIES. PLEASE SEE THE CONSTRUCTION PLANS FOR DETAILS AND LOCATIONS, AS NEEDED.

VI. CONTROLS FOR OTHER POTENTIAL POLLUTANTS

A. WASTE DISPOSAL

THE CONTRACTOR SHALL PROVIDE LITTER COLLECTION CONTAINERS WITHIN THE PROJECT BOUNDARIES DURING CONSTRUCTION. CONTRACTOR SHALL DISPOSE OF ALL UNSUITABLE MATERIALS AND CONSTRUCTION DEBRIS IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REQUIREMENTS.

B. DUST CONTROL

TO PREVENT OFF-SITE VEHICULAR TRACKING OF SEDIMENTS AND DUST GENERATION, A STABILIZED CONSTRUCTION ENTRANCE SHALL BE ESTABLISHED BY THE SITE CONTRACTOR. PLEASE SEE THE STORMWATER POLLUTION PREVENTION PLAN (C0.21) FOR DETAILS AND LOCATION(S).

C. EXISTING VERSUS PROPOSED POTABLE AND SANITARY SEWER SYSTEMS

THERE ARE EXISTING SANITARY SEWER AND POTABLE WATER SYSTEMS LOCATED ON THE PROJECT SITE. EXTENSION AND UPGRADES ARE PROPOSED. IF TEMPORARY SANITARY SYSTEMS ARE UTILIZED DURING CONSTRUCTION, THE CONTRACTOR SHALL PROPERLY CONTROL AND DISCHARGE ANY SANITARY WASTE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.

D. FERTILIZER & PESTICIDES

THE USE OF FERTILIZERS, HERBICIDES, AND PESTICIDES ON THE PROJECT SITE, WILL BE DIRECTED BY THE LANDSCAPE PLAN AND THE FDOT STANDARD SPECIFICATIONS SECTION 570, TO SUPPORT THE GROWTH OF THE PROPOSED VEGETATION. ESTABLISHING THIS VEGETATION WILL AID IN THE STABILIZATION OF THE PROJECT SITE AND REDUCE EROSION. APPLICATION RATES FOR THE FERTILIZERS, HERBICIDES, AND PESTICIDES SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS TO GUARD AGAINST OVER-USE, WHICH CAN LEAD TO VIOLATIONS OF STATE WATER QUALITY STANDARDS.

E. TOXIC MATERIAL

THE CONSTRUCTION SITE WILL BE IN FULL COMPLIANCE WITH STATE AND FEDERAL REQUIREMENTS. A PLASTIC MAT, TAR PAPER, OR OTHER IMPERVIOUS MATERIAL SHALL BE PLACED UNDER AREAS WHERE TOXIC LIQUIDS ARE TO BE OPENED AND STORED.

F. HAZARDOUS MATERIALS

ALL HAZARDOUS MATERIALS SHALL BE STORED IN A SECURE LOCATION, UNDER COVER, AND IN APPROPRIATE TIGHTLY, SEALED CONTAINERS WHEN NOT IN USE. ALL PRODUCTS SHALL BE STORED IN AND USED FROM THE ORIGINAL CONTAINER WITH THE ORIGINAL PRODUCT LABEL. CONTAINERS MUST BE STORED IN A MANNER TO PROTECT THEM FROM THE ELEMENTS AND INCIDENTAL DAMAGE. THE MINIMUM PRACTICAL QUANTITY OF ALL SUCH MATERIALS SHALL BE KEPT ON THE JOB SITE AND SCHEDULED FOR DELIVERY AS CLOSE TO TIME OF USE AS PRACTICAL.

ALL PRODUCTS SHALL BE USED IN STRICT COMPLIANCE WITH THE INSTRUCTIONS ON THE PRODUCT LABEL.

SUFFICIENT EQUIPMENT AND/OR MATERIALS SHALL BE KEPT ONSITE TO CONTAIN AND CLEAN UP SPILLS OF HAZARDOUS MATERIALS IN THE AREAS WHERE THESE MATERIALS ARE STORED OR USED. SPILL CONTROL AND CONTAINMENT KIT SUPPLIES SHALL BE OF SUFFICIENT QUANTITIES AND APPROPRIATE CONTENT TO CONTAIN A SPILL FROM THE LARGEST ANTICIPATED PIECE OF EQUIPMENT AND FROM THE LARGEST ANTICIPATED QUANTITIES OF PRODUCTS STORED ON THE SITE AT ANY GIVEN TIME.

CONTRACTOR TO CONTAIN AND CLEAN UP ANY SPILLS IMMEDIATELY AFTER THEY OCCUR. ANY SPILLS OF PETROLEUM PRODUCTS OR HAZARDOUS MATERIALS IN EXCESS OF REPORTABLE QUANTITIES AS DEFINED BY EPA, STATE, OR LOCAL AGENCY REGULATIONS SHALL BE REPORTED TO THE APPROPRIATE AGENCIES IN THE REQUIRED TIME FRAMES. THE CONTRACTOR SHALL PROVIDE A WRITTEN NOTICE TO THE OWNER IMMEDIATELY UPON IDENTIFICATION OF ANY SPILL.

ALL EXCESS, USED, OR SPILLED PRODUCTS, INCLUDING CONTAMINATED SOIL, SHALL BE DISPOSED OF BY THE CONTRACTOR IN STRICT COMPLIANCE WITH INSTRUCTIONS ON THE PRODUCT LABEL AND ALL APPLICABLE REGULATIONS.

VII. APPROVED STATE AND LOCAL PLANS

THE CONSTRUCTION DRAWINGS FOR THE PROJECT WERE APPROVED AND PERMITTED BY THE FOLLOWING AGENCIES:

* ALACHUA COUNTY
* GAINESVILLE REGIONAL UTILITIES
* ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
* FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

VIII. CONSTRUCTION ACTIVITY DISCHARGES

IN ACCORDANCE WITH THIS PLAN, THERE ARE NO ANTICIPATED DISCHARGES OF STORMWATER ASSOCIATED WITH CONSTRUCTION ACTIVITIES.

IX. CHANGES TO THE POLLUTION PREVENTION PLAN

THIS STORMWATER POLLUTION PREVENTION PLAN SHALL BE AMENDED TO REFLECT ANY APPLICABLE CHANGE IN A STATE, REGIONAL, OR LOCAL PERMIT FOR WHICH THE PERMITTEE RECEIVES WRITTEN NOTICE. WHEN WRITTEN NOTICE IS RECEIVED, THE PERMITTEE SHALL PROVIDE A RE-CERTIFICATION OF THIS POLLUTION PREVENTION PLAN, WHICH HAS BEEN REVISED TO ADDRESS SUCH CHANGES. AMENDMENTS TO THE PLAN SHALL BE PREPARED, SIGNED, DATE, AND KEPT AS ATTACHMENTS TO THE ORIGINAL PLAN.

X. ALTERNATIVE PERMIT REQUIREMENTS

NO ALTERNATIVE PERMIT REQUIREMENTS ARE REQUESTED.

XI. MAINTENANCE

THE CONTRACTOR IS RESPONSIBLE FOR THE MAINTENANCE, INSPECTION SCHEDULE, AND REPAIRS OUTLINED IN THIS PLAN. MAINTENANCE SHALL CONTINUE THROUGHOUT THE PROJECT UNTIL WORK IS COMPLETE. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES AFTER CONSTRUCTION IS COMPLETE. IN ADDITION TO THE TIMES MENTIONED IN THE PREVIOUS SECTIONS, THE CONTRACTOR SHALL INITIATE ANY REPAIRS WITHIN 24 HOURS OF BEING REPORTED. IN THE EVENT THAT THE SMF(S) DO NOT PERFORM PROPERLY OR IF A SINKHOLE DEVELOPS, THE PROJECT ENGINEER SHALL BE NOTIFIED TO ASSIST IN COORDINATING REMEDIAL ACTION. ACCUMULATED SEDIMENT SHALL BE REMOVED FROM SILT FENCING WHEN IT HAS REACHED ONE-THIRD THE HEIGHT OF THE SILT FENCE. UPON FINAL COMPLETION OF CONSTRUCTION AND ACCEPTANCE BY BOTH THE CITY AND OWNER, THE OPERATION AND MAINTENANCE ENTITY WILL BE "SANTA FE HEALTHCARE, INC"

XII. INSPECTIONS

THE CONTRACTOR SHALL INSPECT ALL POINTS OF POTENTIAL DISCHARGE FROM THE PROJECT SITE FOR ALL DISTURBED AREAS ON THE CONSTRUCTION SITE AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.50 INCHES OR GREATER. FOR POINTS OF DISCHARGE INTO SURFACE WATERS OF THE STATE OR AN MS4, A QUALIFIED INSPECTOR (PROVIDED BY THE OPERATOR) SHALL PERFORM THE REQUIRED INSPECTIONS. THE CONTRACTOR SHALL INSTALL A RAIN GAUGE AT THE SITE TO MONITOR AND DOCUMENT RAINFALL EVENTS 0.50 INCHES OR GREATER. LOCATIONS WHERE THE SITE IS COMPLETELY CONSTRUCTED AND STABILIZED, SUCH INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE A MONTH. ALL INSPECTIONS SHALL BE RECORDED ON THE CONSTRUCTION INSPECTION FORM. THE CONTRACTOR MAY USE THEIR OWN FORM (MEETING FDEP SWPPP REQUIREMENTS) OR A SAMPLE FORM FROM FDEP. A SAMPLE CONSTRUCTION FORM IS AVAILABLE AT: "HTTPS://FLORIDADEP.GOV/WATER/STORMWATER/DOCUMENTS/CONSTRUCTION-SWPPP". MORE SPECIFICALLY, THE INSPECTION SHALL ENSURE THE FOLLOWING CATEGORIES.

A. DISTURBED AREAS

ALL DISTURBED AREAS AND AREAS USED FOR MATERIAL STORAGE SHALL BE INSPECTED FOR POLLUTANTS ENTERING THE STORMWATER SYSTEM. THE STORMWATER MANAGEMENT SYSTEM AND EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE INSPECTED TO ENSURE THEY ARE OPERATING CORRECTLY. LOCATIONS WHERE VEHICLES ENTER AND EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFF-SITE SEDIMENT TRACKING.

B. MAINTENANCE PERFORMANCE

BASED ON THE RESULTS OF THE INSPECTION, ALL MAINTENANCE OPERATIONS NEEDED TO ASSURE PROPER COMPLIANCE WITH THIS PLAN SHALL BE DONE IN A TIMELY MANNER, BUT IN NO CASE LATER THAN 7 DAYS FOLLOWING THE INSPECTION.

C. REPORTING REQUIREMENTS

ALL INSPECTIONS SHALL BE RECORDED ON THE CONSTRUCTION INSPECTION FORM. THIS FORM IS CREATED TO SUMMARIZE THE SCOPE OF THE INSPECTION, THE NAME(S) AND QUALIFICATION OF THE INSPECTOR(S), THE DATE OF INSPECTION, RAINFALL DATA, OBSERVATIONS, THE ACTIONS TAKEN TO CORRECT INCIDENTS OF NON-COMPLIANCE WITH THE PROVISIONS OF THIS PLAN. IF NO INCIDENTS OF NON-COMPLIANTS ARE OBSERVED, THE REPORT SHALL CONTAIN A CERTIFICATION THAT THE FACILITY IS IN COMPLIANCE WITH THE STORMWATER POLLUTION PREVENTION PLAN AND THE ASSOCIATED PERMIT.

XIII. NON-STORMWATER DISCHARGES

IN ADDITION TO STORMWATER RUNOFF, THIS PLAN APPLIES TO RUNOFF FROM IRRIGATION OPERATIONS AND CONSTRUCTION PRACTICES. THIS PLAN DOES NOT PERTAIN TO DISCHARGES FROM FIRE FIGHTING ACTIVITIES.

XIV. CONTRACTORS CERTIFICATION

THE CONTRACTORS OR SUB-CONTRACTORS SHALL PHOTOCOPY AND COMPLETE THE FORM ON THIS PAGE. IT SHALL BE PROVIDED TO THE OWNER AND KEPT ON FILE PURSUANT TO SECTION XV REGARDING PROJECT RECORDS.

XV. RETENTION OF RECORDS

THE PERMITTEE SHALL RETAIN COPIES OF STORMWATER POLLUTION PREVENTION PLANS AND ALL REPORTS REQUIRED BY THIS PERMIT, AND RECORDS OF ALL DATA USED TO COMPLETE THE NOTICE OF INTENT TO BE COVERED BY THIS PERMIT, FOR A PERIOD OF AT LEAST THREE YEARS FROM THE DATE THAT THE SITE IS FINALLY STABILIZED.

THE PERMITTEE SHALL RETAIN A COPY OF THE STORMWATER POLLUTION PREVENTION PLAN AND ALL REPORTS, RECORDS, AND DOCUMENTATION REQUIRED BY THIS PERMIT AT THE CONSTRUCTION SITE, OR AN APPROPRIATE ALTERNATIVE LOCATION AS SPECIFIED IN THE NOTICE OF INTENT, FROM THE DATE OF PROJECT INITIATION TO THE DATE OF FINAL STABILIZATION.

XVI. NOTICE OF TERMINATION

NOTICE OF TERMINATION:

1. WHERE A SITE HAS BEEN FINALLY STABILIZED AND ALL STORMWATER DISCHARGES AUTHORIZED BY THIS PERMIT ARE ELIMINATED, THE PERMITTEE SHALL SUBMIT A NOTICE OF TERMINATION (DEP FORM 62-621.300(6)), SIGNED IN ACCORDANCE WITH PART VII.C OF DEP DOCUMENT NO. 62-621.300(4)(a), WITHIN 14 DAYS OF FINAL STABILIZATION OF THE SITE TO TERMINATE COVERAGE UNDER THIS PERMIT.
2. ELIMINATION OF STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY MEANS THAT ALL DISTURBED SOILS AT THE SITE HAVE BEEN FINALLY STABILIZED AND TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN REMOVED OR WILL BE REMOVED AT AN APPROPRIATE TIME, OR THAT ALL STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY FROM THE SITE THAT ARE AUTHORIZED BY THIS GENERIC PERMIT HAVE OTHERWISE BEEN ELIMINATED.
3. FOR CONSTRUCTION ACTIVITIES WHERE THE OPERATOR CHANGES, THE EXISTING OPERATOR SHALL FILE AN N.O.T. IN ACCORDANCE WITH THIS PART WITHIN 14 DAYS OF RELINQUISHING CONTROL OF THE PROJECT TO A NEW OPERATOR.

THE PERMITTEE SHALL SUBMIT A NOTICE OF TERMINATION TO THE FOLLOWING ADDRESS:

NPDES STORMWATER NOTICES CENTER, MS# 2510
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32399-2400

PROJECTS THAT DISCHARGED STORMWATER ASSOCIATED WITH CONSTRUCTION ACTIVITY TO A MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) SHALL SUBMIT A COPY OF THE N.O.T. TO THE OPERATOR OF THE MS4.

Contractor/Subcontractor Certification Statement
Stormwater Pollution Prevention Plan

Site Name: Florida Recovery Center at UF Health Santa Fe Village TOD (Phase 1)
Site Location: 4305 NW 90 BLVD, Gainesville, FL 32606
Alachua County, Florida

THE CONTRACTOR(S) OR SUB-CONTRACTOR(S) RESPONSIBLE FOR COMPLYING WITH THIS STORMWATER POLLUTION PREVENTION PLAN SHALL SIGN THE CERTIFICATION STATEMENT BELOW. MULTIPLE COPIES OF THIS CERTIFICATION STATEMENT MAY BE NECESSARY DEPENDING ON THE NUMBER OF SUB-CONTRACTORS ASSOCIATED WITH THE PROJECT

I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND, AND SHALL COMPLY WITH, THE TERMS AND CONDITIONS OF THE STATE OF FLORIDA GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES AND THIS STORMWATER POLLUTION PREVENTION PLAN PREPARED THEREUNDER.

DATE	RESPONSIBLE INDIVIDUAL'S NAME	RESPONSIBLE INDIVIDUAL'S SIGNATURE	TITLE	COMPANY NAME, ADDRESS, AND PHONE NUMBER

11801 Research Drive
Alachua, FL 32615
(352) 331-1976
www.chw-inc.com
est. 1988 FLORIDA CA-9075

CHW Professional Consultants

SCALE: 1"=20'

VERIFY SCALE BAR IS ACCURATE ON EACH DRAWING

IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
09-15-23: 30% SUBMITTAL
10-19-23: ALACHUA COUNTY SUBMITTAL
10-30-23: ALACHUA COUNTY
11-08-23: SJRWMD RE-SUBMITTAL
11-22-23: SJRWMD & GNU RESUBMITTAL

CLIENT: UF HEALTH SHANDS HOSPITAL

PROJECT: FLORIDA RECOVERY CENTER AT UF HEALTH SANTA FE VILLAGE TOD PHASE - 1

SHEET TITLE: STORMWATER POLLUTION PREVENTION NOTES

TECHNICIAN: CTM
DESIGNER: CTM
QUALITY CONTROL: R.O.
PROJECT NUMBER: 21-0340.02

RANDALL SCOTT OLNEY

Randall Scott Olney, P.E. State of Florida, Professional Engineer, License No. 68382

This item has been digitally signed and sealed by Randall Scott Olney, P.E. on the date indicated here.

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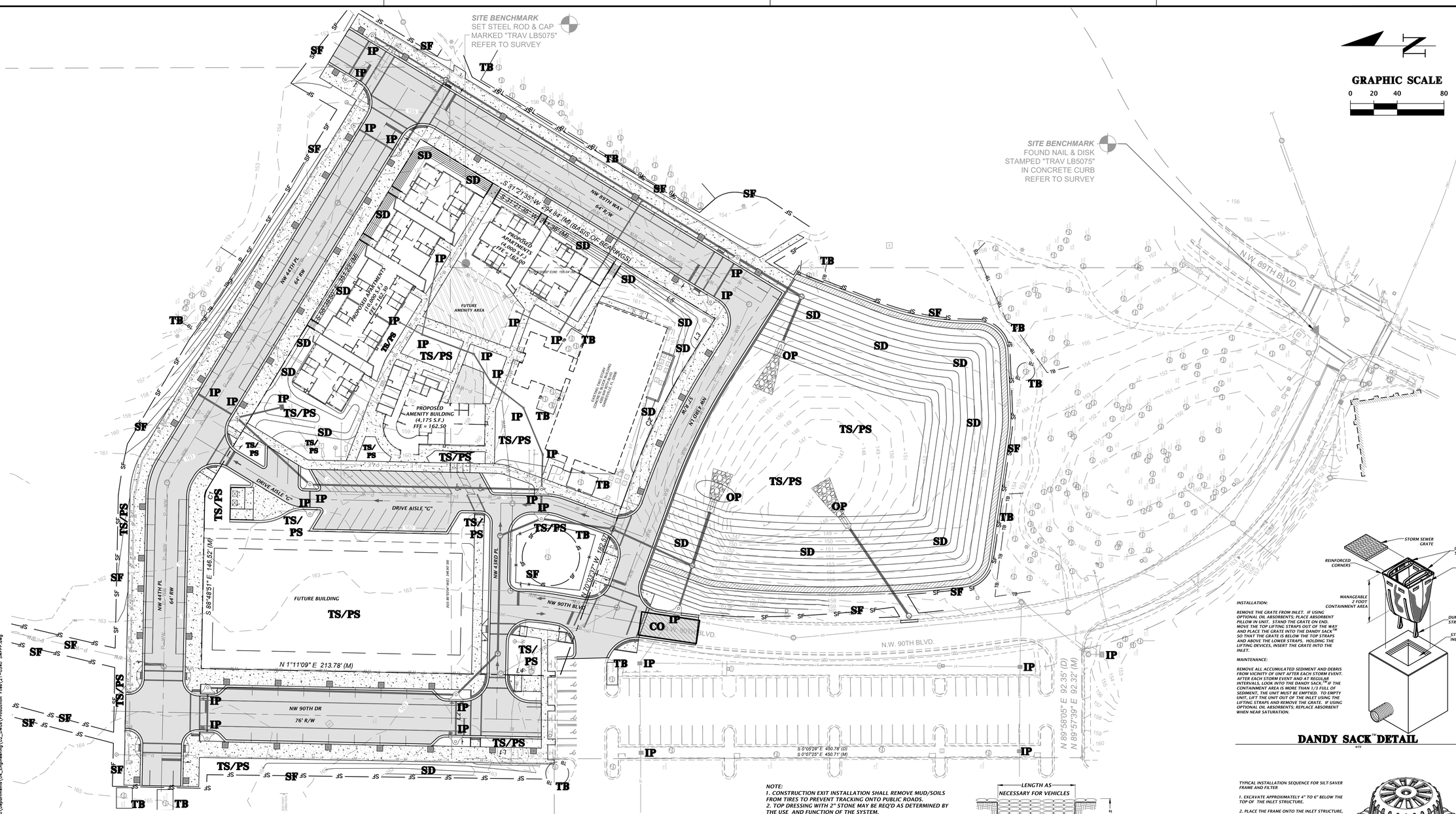
Digitally signed by Randall Scott Olney
DN: cn=Randall Scott Olney, o=CHW Professional Consultants, ou=Engineering, email=rolney



BASIN EROSION & SEDIMENTATION CONTROL

1. SILT FENCING AND/OR STAKED HAYBALES SHALL BE CONSTRUCTED WHERE SHOWN ON THE DRAWINGS PRIOR TO STARTING CONSTRUCTION.

2 ALL STORMDRAIN INLETS SHALL BE PROTECTED DURING CONSTRUCTION IN ACCORDANCE WITH FDOT STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL.

3. THE DRAINAGE BASINS SHALL BE ROUGH GRADED PRIOR TO CONSTRUCTING THE LIMEROCK BASE. THE RETENTION BASINS SHALL BE FINE GRADED AND GRASSED PRIOR TO PAVING AND SITE CLEANUP.

4. THE STORMDRAIN SYSTEM SHALL BE FLUSHED OUT TO REMOVE ALL ACCUMULATED DEBRIS AND SEDIMENT UPON COMPLETION OF CONSTRUCTION.

5. THE DRAINAGE BASIN BOTTOM SHALL BE SCRAPED CLEAN OF ALL ACCUMMULATED SEDIMENT UPON COMPLETION OF CONSTRUCTION AFTER THE STORMDRAIN SYSTEM IS COMPLETELY FLUSHED OUT. THIS ACTIVITY SHALL ONLY OCURR IN A DRY STATE.

6. ALL DISTURBED AREAS IN THE CONSTRUCTION AREA SHALL BE COMPLETELY STABILIZED BY COMPLETION OF CONSTRUCTION. GRASS SEEDING RATES AND MIXTURES SHALL BE PER SECTION 570 OF THE STANDARD SPECIFICATIONS. EVIDENCE OF GROWTH MUST BE PRESENT PRIOR TO FINAL RELEASE.

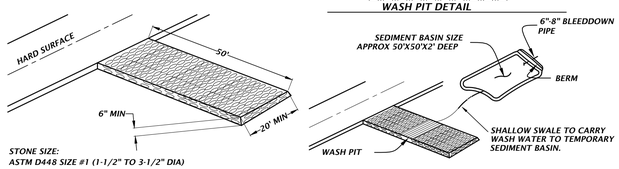
7. REFER TO THE SWPPP PLAN FOR COMPLETE EROSION CONTROL MEASURES.

8. WHERE POND TOP OF BANK IS IN CUT TO EXISTING GRADE, CONTRACTOR SHALL SOD 5-FT BEYOND TOP OF BANK FOR EROSION PROTECTION.

STORMWATER POLLUTION PREVENTION LEGEND

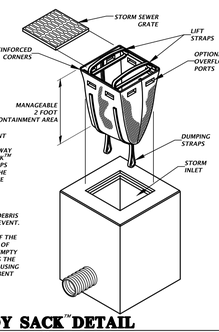
TS	*= TEMPORARY SEEDING*
PS	*= PERMANENT SEEDING*
ML	*= MULCHING*
SD	*= SOD STABILIZATION*
SF	*= SILT BARRIER*
TB	*= TREE BARRIER*
IP	*= INLET PROTECTION*
OP	*= OUTLET PROTECTION*
CO	*= CONSTRUCTION ENTRANCE/EXIT*

NOTE:
1. CONSTRUCTION EXIT INSTALLATION SHALL REMOVE MUD/SOILS FROM TIRES TO PREVENT TRACKING ONTO PUBLIC ROADS.
2. TOP DRESSING WITH 2" STONE MAY BE REQ'D AS DETERMINED BY THE USE AND FUNCTION OF THE SYSTEM.
3. THE WASH PIT SHOULD BE INSTALLED IF THE STANDARD CONSTRUCTION EXIT DOES NOT SUFFICIENTLY REMOVE SOILS AND WASHING IS REQ'D.



TEMPORARY CONSTRUCTION EXIT DETAIL

NTS



INSTALLATION:

REMOVE THE GRATE FROM INLET. IF USING OPTIONAL OIL ABSORBENTS; PLACE ABSORBENT PILLOW IN UNIT. STAND THE GRATE ON END. MOVE THE TOP LIFTING STRAPS OUT OF THE WAY AND PLACE THE GRATE INTO THE DANDY SACK™ SO THAT THE GRATE IS BELOW THE TOP STRAPS AND ABOVE THE LOWER STRAPS. HOLDING THE LIFTING DEVICES, INSERT THE GRATE INTO THE INLET.

MAINTENANCE:

REMOVE ALL ACCUMULATED SEDIMENT AND DEBRIS FROM VICINITY OF UNIT AFTER EACH STORM EVENT. AFTER EACH STORM EVENT AND AT REGULAR INTERVALS, LOOK INTO THE DANDY SACK.™ IF THE CONTAINMENT AREA IS MORE THAN 1/3 FULL OF SEDIMENT, THE UNIT MUST BE EMPTIED. TO EMPTY UNIT, LIFT THE UNIT OUT OF THE INLET USING THE LIFTING STRAPS AND REMOVE THE GRATE. IF USING OPTIONAL OIL ABSORBENTS; REPLACE ABSORBENT WHEN NEAR SATURATION.

DANDY SACK™ DETAIL

NTS

TYPICAL INSTALLATION SEQUENCE FOR SILT-SAVER FRAME AND FILTER

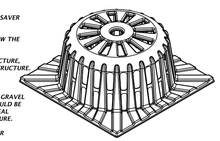
1. EXCAVATE APPROXIMATELY 4" TO 6" BELOW THE TOP OF THE INLET STRUCTURE.

2. PLACE THE FRAME ONTO THE INLET STRUCTURE, ENSURING PROPER SEATING OF FRAME TO STRUCTURE.

3. SLIDE THE FILTER OVER THE FRAME.

4. FILL THE FILTER POCKETS WITH SOIL, #57 GRAVEL OR EQUIVALENT. THE FILTER POCKETS SHOULD BE COMPLETELY FILLED TO ENSURE A GOOD SEAL BETWEEN THE GROUND AND INLET STRUCTURE.

5. BACK FILL AROUND THE FRAME AND FILTER ASSEMBLY IS NOT REQUIRED TO COMPLETE INSTALLATION; HOWEVER, BACK FILLING MAY BE NECESSARY TO COMPLETE EXCAVATION REQUIREMENTS FOR THE SITE.



INLET PROTECTION OPTIONS DETAIL

SILT-SAVER® DETAIL

NTS

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11801 Research Drive
Alachua, FL 32615
(352) 331-1976
www.chw-inc.com
est. 1988 FLORIDA CA-5075

SCALE: 1"=40'

VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET ADJUST SCALES ACCORDINGLY.

CONSTRUCTION/BID REVISIONS:

SUBMITTALS: 2ND SUBMITTAL
05-15-23: ALACHUA COUNTY SUBMITTAL
10-30-23: ALACHUA COUNTY
11-08-23: SJRWMD RE-SUBMITTAL
11-22-23: SJRWMD & GRU RESUBMITTAL

CLIENT: UF HEALTH SHANDS HOSPITAL

PROJECT: FLORIDA RECOVERY CENTER AT UF HEALTH SANTA FE VILLAGE TOD PHASE - 1

SHEET TITLE: STORMWATER POLLUTION PREVENTION PLAN AND DETAILS

TECHNICIAN: KTM
DESIGNER:
CHECKED:
QUALITY CONTROL: R.O.
PROJECT NUMBER: 21-0340.02

RANDALL SCOTT OLNEY

Randall Scott Olney, P.E. State of Florida, Professional Engineer, License No. 68382

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Randall Scott Olney, P.E. Florida Registration Number 68382
CHW
11801 Research Drive
Alachua, Florida 32615
(352) 331-1976

FL PE No. 68382

SHEET NO.: C0.21

Plotted: Nov 21,2023 9:38am Filename: N:\2021\21-0340\Engineering\04_Engineering\04_Civil\Production Files\21-0340 SWPPP.dwg
Xrefs: topM Plot Date: Nov 21,2023 9:38am Filename: N:\2021\21-0340\Engineering\04_Engineering\04_Civil\Production Files\21-0340 SWPPP.dwg

LANDS DESCRIBED IN
O.R.B. 5060, PG. 2141
OWNER: SANTAFE HEALTHCARE INC
(TAX PARCEL #06041-002-002)

LANDS DESCRIBED IN
O.R.B. 5060, PG. 2141
OWNER: SANTAFE HEALTHCARE INC
(TAX PARCEL #06041-002-005)

LANDS DESCRIBED IN
O.R.B. 5060, PG. 2141
OWNER: SANTAFE HEALTHCARE INC
(TAX PARCEL #06041-002-002)

EXISTING SANITARY SEWER LINE TO BE REMOVED

EXISTING LIGHT POLE TO BE REMOVED (TYP)

EXISTING SIDEWALK TO BE REMOVED (TYP)

EXISTING STORM STRUCTURE AND PIPE TO BE REMOVED

EXISTING TREE TO BE REMOVED (TYP)

EXISTING SANITARY MANHOLE TO BE REMOVED

EXISTING STORM LINE AND MES TO BE REMOVED

EXISTING SANITARY SEWER LINE TO BE REMOVED

SITE BENCHMARK
SET STEEL ROD & CAP
MARKED "TRAV LB5075"

BASIS OF BEARINGS
S 31°21'35" W 294.84' (M)

S 31°21'35" W 211.36' (M)

S 58°38'58" E 357.23' (M)

INV. = 156.28' (8" PVC)

INV. = 156.53' (6" PVC)

4" CLEAN OUT
INV. 160.08

EXISTING TWO STORY
CONCRETE BLOCK BUILDING
4305 NW 89TH BLVD
GAINESVILLE, FL 32606

MATCHLINE

MATCHLINE

GRAPHIC SCALE
0 10 20 40

NOTES:

1. CONTRACTOR SHALL HAVE ALL SILT FENCE & TREE BARRICADES INSTALLED PRIOR TO ANY SITE WORK.

2. CONTRACTOR SHALL REPAIR/RESTORE ANY DISTURBED AREAS TO EXISTING OR BETTER CONDITION.

3. CONTRACTOR TO USE EXTREME CAUTION WHEN WORKING AROUND EXISTING ABOVE AND UNDERGROUND UTILITIES.

4. CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH UTILITY COMPANY AS NEEDED TO SUPPORT POLES DURING CONSTRUCTION.

5. CONTRACTOR TO ENSURE SEWER SERVICE IS MAINTAINED TO EXISTING BUILDINGS DURING DEMOLITION AND CONSTRUCTION OF THE SEWER MAINS AND SERVICE LATERALS.

LEGEND:

= EX. TREE TO BE REMOVED

= EX. ASPHALT PAVEMENT, CONCRETE SIDEWALK AND CURB TO BE REMOVED

= EXISTING ASPHALT PAVEMENT, CONCRETE SIDEWALK, CURB AND ANY BASE MATERIAL TO BE REMOVED MANUALLY TO PROTECT TREE ROOTS. ANY ROOTS GREATER THAN 1" IN DIAMETER THAT ARE DAMAGED OR EXPOSED SHALL BE CLEANLY CUT AND COVERED OVER WITH SOIL.

11801 Research Drive
Alachua, FL 32615
(352) 331-1976
www.chw-inc.com
est. 1988 FLORIDA CA-5075
CHW Professional Consultants

SCALE: 1"=20'

VERIFY SCALE
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IF NOT ONE INCH ON
THIS SHEET ADJUST
SCALES ACCORDINGLY.

CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
06-19-23: 30% SUBMITTAL
09-13-23: ADA CHECK/ COUNTY SUBMITTAL
10-30-23: ALACHUA COUNTY
11-08-23: SJRWMD RE-SUBMITTAL
11-02-23: SJRWMD & GAF RESUBMITTAL

CLIENT: UF HEALTH SHANDS HOSPITAL

PROJECT: FLORIDA RECOVERY CENTER AT UF HEALTH SANTA FE VILLAGE TOD
PHASE - 1

SHEET TITLE: DEMOLITION AND TREE PROTECTION PLAN

TECHNICIAN: KTM
DESIGNER:
P.M.:
QUALITY CONTROL: R.O.
PROJECT NUMBER: 21-0340.02

RANDALL SCOTT OLNEY

Randall Scott Olney, P.E.
State of Florida, Professional Engineer, License No. 68382

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FL PE No. 68382

SHEET NO.:
C0.30

Facts: KGNA Plot Date: Nov 21 2023 9:40am Filename: N:\2021\21-0340\Department\05-Engineering\05a_Permit\Production Files\21-0340_Del.dwg

NOTES:

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LEGEND:

= EX. TREE TO BE REMOVED

= EX. ASPHALT PAVEMENT, CONCRETE SIDEWALK AND CURB TO BE REMOVED

= EXISTING ASPHALT PAVEMENT, CONCRETE SIDEWALK, CURB AND ANY BASE MATERIAL TO BE REMOVED MANUALLY TO PROTECT TREE ROOTS. ANY ROOTS GREATER THAN 1" IN DIAMETER THAT ARE DAMAGED OR EXPOSED SHALL BE CLEANLY CUT AND COVERED OVER WITH SOIL.

GRAPHIC SCALE
0 10 20 40

MATCHLINE

6" CHAIN LINK FENCE TREE BARRICADE LIMITS FOR DEVELOPMENT: CONTRACTOR TO EXPAND TREE BARRICADE DURING CONSTRUCTION OF PROPOSED DEVELOPMENT TO PROTECT THE EXISTING TREE.

EXISTING STORM INLET AND PIPE TO BE REMOVED

EXISTING ASPHALT PAVEMENT, CONCRETE SIDEWALK, CURB AND ANY BASE MATERIAL TO BE REMOVED MANUALLY TO PROTECT TREE ROOTS. ANY ROOTS GREATER THAN 1" IN DIAMETER THAT ARE DAMAGED OR EXPOSED SHALL BE CLEANLY CUT AND COVERED OVER WITH SOIL.

6' CHAIN LINK FENCE TREE BARRICADE LIMITS FOR DEMOLITION: CONTRACTOR TO EXPAND TREE BARRICADE DURING CONSTRUCTION OF PROPOSED DEVELOPMENT TO PROTECT THE EXISTING TREE.

EXISTING SANITARY SEWER LINE TO BE REMOVED

EXISTING TREE TO BE REMOVED (TYP)

EXISTING LIGHT POLE TO BE REMOVED (TYP)

EXISTING TRANSFORMER TO BE REMOVE

EXISTING FIBER UTILITY BOX TO BE RELOCATED

EXISTING STORM MANHOLE TO REMAIN, TOP TO BE ADJUSTED TO FG

EXISTING STORM STRUCTURE AND PIPE TO BE REMOVED

EXISTING FIBER PEDESTAL TO BE RELOCATED

EXISTING SANITARY MANHOLE TO BE REMOVED

RELOCATE EXISTING METER AND BACKFLOW PREVENTER. CAP EXISTING WATER LINE

EXISTING SANITARY SEWER LINE TO BE REMOVED

EXISTING FIRE HYDRANT TO BE RELOCATED

EXISTING CURB AND PAVEMENT TO BE REMOVED

EXISTING PIPE TO BE REMOVED

EXISTING STORM STRUCTURE TO BE REMOVED AND REPLACED

EXISTING ELECTRICAL AND WELL TO BE RELOCATED

EXISTING SANITARY SEWER LINE TO REMAIN

EXISTING SANITARY MANHOLE AND SEWER LINE TO BE REMOVED

EXISTING SANITARY SEWER LINE TO BE REMOVED

EXISTING SANITARY SEWER LINE TO BE REMOVED

EXISTING SANITARY SEWER LINE TO BE REMOVED

LANDS DESCRIBED IN O.R.B. 5060, PG. 2141
OWNER: SANTAFE HEALTHCARE INC
(TAX PARCEL #06041-002-005)

LANDS DESCRIBED IN O.R.B. 5060, PG. 2141
OWNER: SANTAFE HEALTHCARE INC
(TAX PARCEL #06041-002-005)

S 88°48'51" E 146.52' (M)

N 1°11'09" E 213.78' (M)

SS-07

SS-08

SS-09
EX. MH SS-0
N. RIM=103.48
151.73'S 8" PVC
151.92'E 8" PVC

ST-21

ST-20

ST-18

ST-17

ST-16

ST-15

"NO PARKING FIRE LANE"

SW 34TH ST

SW 34TH BLVD

6"X6" WOOD POST TRAIL INFORMATION

SITE BENCHMARK
SET NAIL & DISK
STAMPED "TRAV LB5075"
REFER TO SURVEY

11801 Research Drive
Alachua, FL 32615
(352) 331-1976
www.chw-inc.com
est. 1988 FLORIDA CA-5075

CHW
Professional Consultants

SCALE: 1"=20'

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CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
06-19-23: ADA SUBMITTAL
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11-22-23: SJRWMD & GAS RESUBMITTAL

CLIENT: UF HEALTH SHANDS HOSPITAL

PROJECT: FLORIDA RECOVERY CENTER AT UF HEALTH SANTA FE VILLAGE TOD
PHASE - 1

SHEET TITLE: DEMOLITION AND TREE PROTECTION PLAN

TECHNICIAN: KTM
DESIGNER: CM
QUALITY CONTROL: R.O.
PROJECT NUMBER: 21-0340.02

RANDALL SCOTT OLNEY

Randall Scott Olney, P.E.
State of Florida, Professional Engineer, License No. 68382

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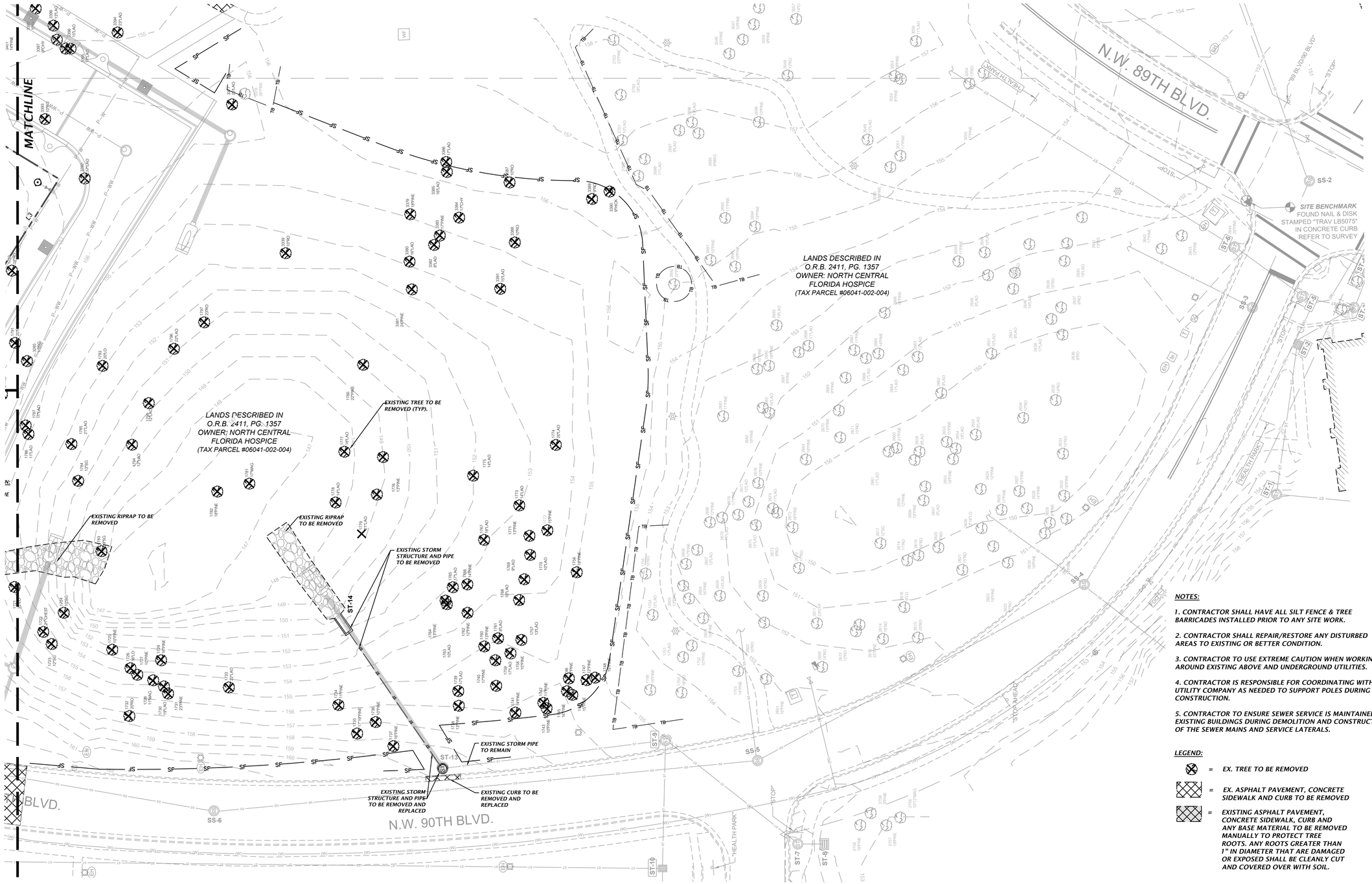
Digitally signed by Randall Scott Olney, P.E.
DN: cn=Randall Scott Olney, P.E., c=US, o=CHW, ou=Professional Engineer, email=rolney@chw-inc.com
Date: 2023.11.22 09:16:36 -05'00'

FL PE No. 68382

SHEET NO.: C0.31

Path: ccsm Plot Date: Nov 28,2023 - 3:10pm Filename: \\N_2021\21-0340\Departments\04_Engineering\02_Civil\Production Files\21-0340_DM.dwg


GRAPHIC SCALE
0 10 20 40
N
MATCHLINE
N.W. 89TH BLVD.
N.W. 90TH BLVD.
HEALTH PARK DRIVE
LANDS DESCRIBED IN O.R.B. 2411, PG. 1357 OWNER: NORTH CENTRAL FLORIDA HOSPICE (TAX PARCEL #06041-002-004)
LANDS DESCRIBED IN O.R.B. 2411, PG. 1357 OWNER: NORTH CENTRAL FLORIDA HOSPICE (TAX PARCEL #06041-002-004)
SITE BENCHMARK
FOUND NAIL & DISK
STAMPED TRAV LB5075*
IN CONCRETE CURB
REFER TO SURVEY
EXISTING TREE TO BE REMOVED (TYP).
EXISTING RIPRAP TO BE REMOVED
EXISTING RIPRAP TO BE REMOVED
EXISTING STORM STRUCTURE AND PIPE TO BE REMOVED
EXISTING STORM PIPE TO REMAIN
EXISTING STORM STRUCTURE AND PIPE TO BE REMOVED AND REPLACED
EXISTING CURB TO BE REMOVED AND REPLACED
ST-14
ST-13
SS-2
SS-3
SS-4
SS-5
SS-6
ST-1
ST-2
ST-3
ST-4
ST-5
ST-6
ST-7
ST-8
ST-9
ST-10
STOP
STOP
STOP

LINE DATA TABLE		
LINE	DIRECTION	LENGTH
L1(M)	N 0°02'42" E	87.58'
L2(M)	N 89°50'04" E	72.68'
L3(M)	N 57°38'02" W	38.73'
L4(M)	N 1°11'09" E	92.73'
L5(M)	S 31°21'35" W	83.48'

CURVE DATA TABLE						
CURVE	LENGTH	RADIUS	DELTA	TANGENT	CHORD	CHORD BEARING
C1	6.28'	14.00'	25°41'07"	3.19'	6.22'	S 75°58'18" E
C2	112.78'	520.00'	12°25'35"	56.61'	112.56'	N 63°50'49" W

GRAPHIC SCALE
0 20 40 80

LANDS DESCRIBED IN
O.R.B. 5060, PG. 2141
OWNER: SANTAFE HEALTHCARE INC
(TAX PARCEL #06041-002-002)

SITE BENCHMARK
SET STEEL ROD & CAP
MARKED "TRAV LB5075"
REFER TO SURVEY

LANDS DESCRIBED IN
O.R.B. 5060, PG. 2141
OWNER: SANTAFE HEALTHCARE INC
(TAX PARCEL #06041-002-002)

LANDS DESCRIBED IN
O.R.B. 1986, PG. 3
OWNER: SANTA FE HEALTHCARE SYSTEMS
(TAX PARCEL #06041-002-000)

SITE BENCHMARK
FOUND NAIL & DISK
STAMPED "TRAV LB5075"
IN CONCRETE CURB
REFER TO SURVEY

LANDS DESCRIBED IN
O.R.B. 5060, PG. 2141
OWNER: SANTAFE HEALTHCARE INC
(TAX PARCEL #06041-002-005)

NW 89TH WAY
64' R/W

NW 44TH PL
64' RW

NW 43RD PL

NW 90TH DR
76' R/W

NW 90TH BLVD

N.W. 89TH BLVD.

S 31°21'35" W 294.84' (M) (BASIS OF BEARINGS)
S 31°21'35" W 83.36' (M)
(SJN 0°00'00" E(W) 155.04' (M)

S 59°38'50" E 351.23' (M)

N 1°11'09" E 213.78' (M)

S 88°48'51" E 146.52' (M)

N 1°00'37" W 129.57' (M)

S 0°05'28" E 450.78' (D)
S 0°07'25" E 450.71' (M)

N 89°58'05" E 92.35' (D)
N 89°57'39" E 92.32' (M)

12'40" E 195.55'

PROPOSED APARTMENTS (4,000 S.F.) FFE = 162.00

PROPOSED APARTMENTS (10,000 S.F.) FFE = 162.50

FUTURE AMENITY AREA

PROPOSED AMENITY BUILDING (4,175 S.F.) FFE = 162.50

"PARCEL A-1" (± 2.97 ACRES) (M)

"PARCEL A" (± 2.97 ACRES) (M)

"PARCEL A-2" (± 2.97 ACRES) (M)

ASSUMED TOPOGRAPHY OBTAINED FROM PUBLIC GEOSPATIAL DATA FROM ARCGIS HUB

FUTURE BUILDING

FUTURE SIDEWALK (OPTIONAL)

DRIVE AISLE "G"

DRIVE AISLE "G"

70+00 71+00 72+00 73+00 74+00

SHEET C1.11 — MATCHLINE

SHEET C1.10 — MATCHLINE

SHEET C1.11 — MATCHLINE

SHEET C1.10 — MATCHLINE

LANDS DESCRIBED IN
O.R.B. 2411, PG. 1357
OWNER: NORTH CENTRAL FLORIDA HOSPICE
(TAX PARCEL #06041-002-004)

LANDS DESCRIBED IN
O.R.B. 2452, PG. 932
OWNER: NORTH CENTRAL FLORIDA HOSPICE
(TAX PARCEL #06041-002-001)

LANDS DESCRIBED IN
O.R.B. 2452, PG. 932
OWNER: NORTH CENTRAL FLORIDA HOSPICE
(TAX PARCEL #06041-002-001)

SITE BENCHMARK
SET NAIL & DISK
STAMPED "TRAV LB5075"
REFER TO SURVEY

6' CHAIN LINK FENCE TREE BARRICADE LIMITS FOR DEVELOPMENT: AFTER DEMOLITION, CONTRACTOR TO EXPAND TREE BARRICADE DURING CONSTRUCTION OF PROPOSED DEVELOPMENT TO PROTECT THE EXISTING TREE. (REFER TO SHEET C0.31)

156

11801 Research Drive
Alachua, FL 32615
(352) 331-1976
www.chw-inc.com
est. 1988 FLORIDA CA-5075
CHW Professional Consultants

SCALE: 1"=40'

VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET ADJUST SCALES ACCORDINGLY.

CONSTRUCTION/REVISIONS

SUBMITTALS:
06-15-23: 3RD SUBMITTAL
08-03-23: ALACHUA COUNTY SUBMITTAL
10-30-23: ALACHUA COUNTY
11-08-23: SJRWMD RESUBMITTAL
11-22-23: SJRWMD & GRU RESUBMITTAL

CLIENT: UF HEALTH SHANDS HOSPITAL

PROJECT: FLORIDA RECOVERY CENTER AT UF HEALTH SANTA FE VILLAGE
TOD PHASE - 1

SHEET TITLE: MASTER SITE PLAN

TECHNICIAN: KTM
DESIGNER: CM
QUALITY CONTROL: R.O.
PROJECT NUMBER: 21-0340.02

RANDALL SCOTT OLNEY

Randall Scott Olney, P.E.
State of Florida, Professional Engineer, License No. 68382

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FL PE No. 68382

SHEET NO: C1.00

File: cstern Plot Date: Nov 28,2023 1:34pm Filename: N:\2021\21-0340\Departments\04_Engineering\02_SWFA\Production Files\21-0340_GSP.dwg

GRAPHIC SCALE
0 10 20 40

SHEET C1.11
MATCHLINE
SHEET C1.10

PROPOSED AMENITY BUILDING (4,175 S.F.) FFE = 162.50

ADA PARKING (REFER TO C2.31 FOR DETAIL)

LOADING ZONE

DRIVE AISLE "G"

11 PARKING SPACES

DUMPSTER

TRASH COMPACTOR/ RECYCLE

STOPBAR AND R-1-STOP SIGN

CROSSWALK

FUTURE SIDEWALK (OPTIONAL)

FUTURE BUILDING

NW 44TH PL
64' RW

NW 43RD PL
57' R/W

NW 90TH BLVD

NW 90TH DR
76' R/W

N.W. 90TH BLVD.

8 PARKING SPACES

RETAINING WALL WITH CONCRETE BARRIER (DESIGNED BY OTHERS)

PROPOSED SMF (REFER TO C2.20 FOR DETAILS)

6' CHAIN LINK FENCE TREE BARRICADE LIMITS FOR DEVELOPMENT: AFTER DEMOLITION, CONTRACTOR TO EXPAND TREE BARRICADE DURING CONSTRUCTION OF PROPOSED DEVELOPMENT TO PROTECT THE EXISTING TREE. (REFER TO SHEET C0.31)

5' MAINTENANCE PATH (REFER TO C2.20 FOR DETAILS)

TYPE "F" CURB AND GUTTER, TYP. (REFER TO C2.30 FOR DETAIL)

TREE WELL, TYP. (REFER TO LANDSCAPE PLANS FOR DETAILS)

DETECTABLE WARNING, TYP. (REFER TO C2.30 FOR DETAIL)

LANDS DESCRIBED IN O.R.B. 5060, PG. 2141
OWNER: SANTAFE HEALTHCARE INC
(TAX PARCEL #06041-002-005)

LANDS DESCRIBED IN O.R.B. 2452, PG. 932
OWNER: NORTH CENTRAL FLORIDA HOSPICE
(TAX PARCEL #06041-002-001)

SITE BENCHMARK
SET NAIL & DISK
STAMPED "TRAV LB5075"
REFER TO SURVEY

6"x6" WOOD POST
TRAIL INFORMATION

N: 2932.1057
E: 3263.9303

N: 2849.0798
E: 3310.8112

N: 2777.9232
E: 3286.3165

E: 3302.3492

N: 2806.9978
E: 3285.1649

N: 2756.0389
E: 3252.9797

N: 2683.6080
E: 3292.5091

N: 2683.9782
E: 3255.9047

N: 3003.3059
E: 3029.6975

N: 2959.4976
E: 3028.7907

N: 2960.9088
E: 2960.6086

N: 2674.5586
E: 3022.8931

N: 2606.1732
E: 3021.4777

N: 2549.4361
E: 3178.7933

N: 2548.6619
E: 3104.2971

S 0°05'2
S 0°07'2

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SCALE: 1"=20'

VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING
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CONSTRUCTION/BID REVISIONS:

SUBMITTALS: 3RD SUBMITTAL
06-19-23: ALACHUA COUNTY SUBMITTAL
09-15-23: ADA CHG
10-30-23: ALACHUA COUNTY
11-08-23: SJRWMD RE-SUBMITTAL
11-22-23: SJRWMD & GRU RESUBMITTAL

CLIENT: UF HEALTH SHANDS HOSPITAL

PROJECT: FLORIDA RECOVERY CENTER AT UF HEALTH SANTA FE VILLAGE TOD PHASE - 1

SHEET TITLE: DETAILED HORIZONTAL CONTROL AND SITE PLAN

TECHNICIAN: KTM
DESIGNER:
P.I.C.:
QUALITY CONTROL:
R.O.

PROJECT NUMBER: 21-0340.02

RANDALL SCOTT OLNEY

Randall Scott Olney, P.E.
State of Florida, Professional Engineer, License No. 68382

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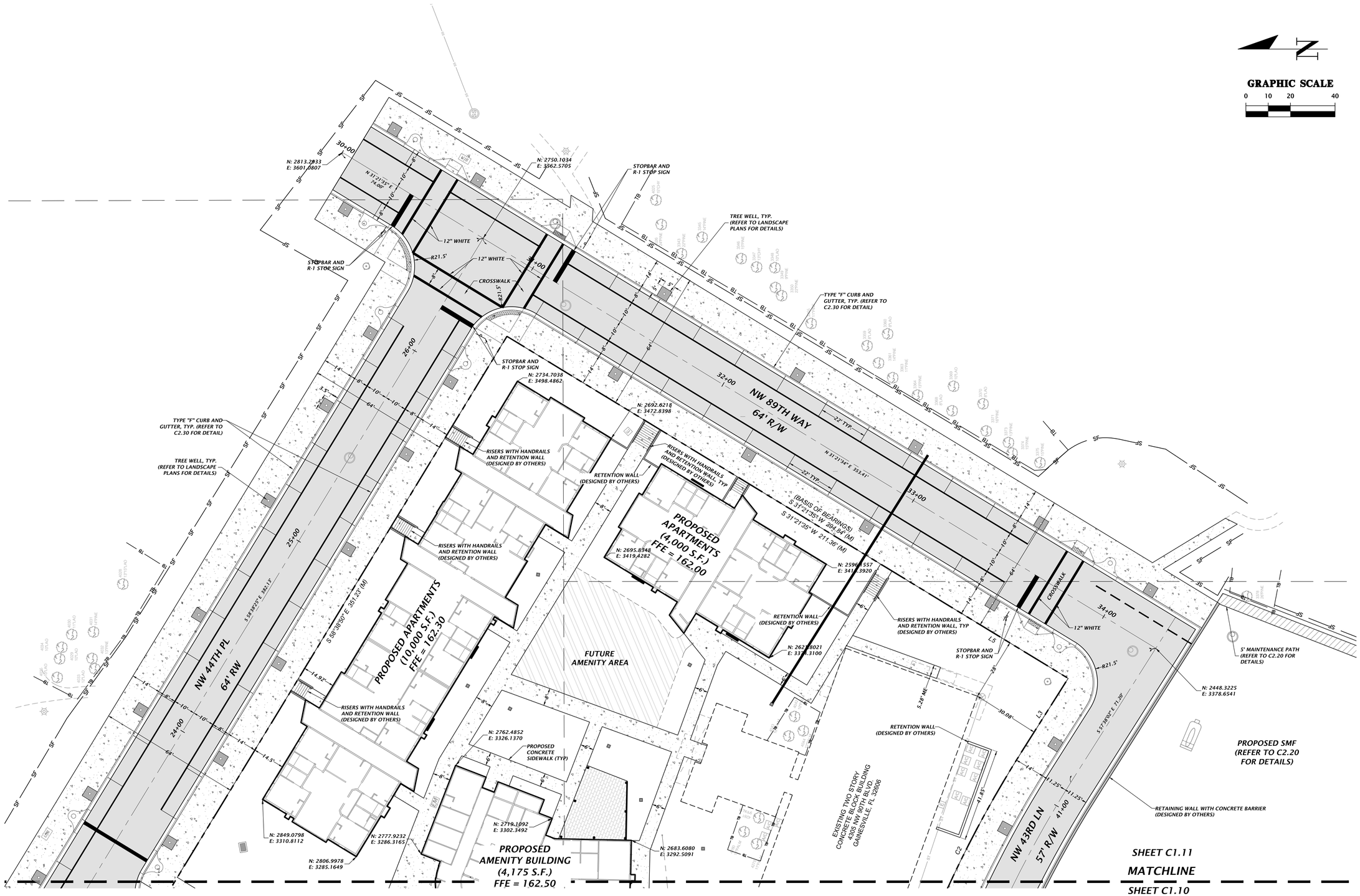
FL PE No. 68382

SHEET NO.: C1.10

Xrefs: cdatm Plot Date: Nov 28,2023 3:14pm Filename: N:\2021\21-0340\Department\04_Engineering\02_DWGs\Production Files\21-0340_DSP.dwg



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CONSTRUCTION/REVISIONS:

SUBMITTALS:
08-15-23: 30% SUBMITTAL
09-19-23: ALACHUA COUNTY SUBMITTAL
10-30-23: ALACHUA COUNTY
11-08-23: SJRWMD RESUBMITTAL
11-22-23: SJRWMD & GNV RESUBMITTAL

CLIENT: UF HEALTH SHANDS HOSPITAL

PROJECT: FLORIDA RECOVERY CENTER AT UF HEALTH SANTA FE VILLAGE TOD PHASE - I

SHEET TITLE: DETAILED HORIZONTAL CONTROL AND SITE PLAN

TECHNICIAN: KTM
DESIGNER: CM
QUALITY CONTROL: R.O.
PROJECT NUMBER: 21-0340.02

RANDALL SCOTT OLNEY

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FL PE No. 68382

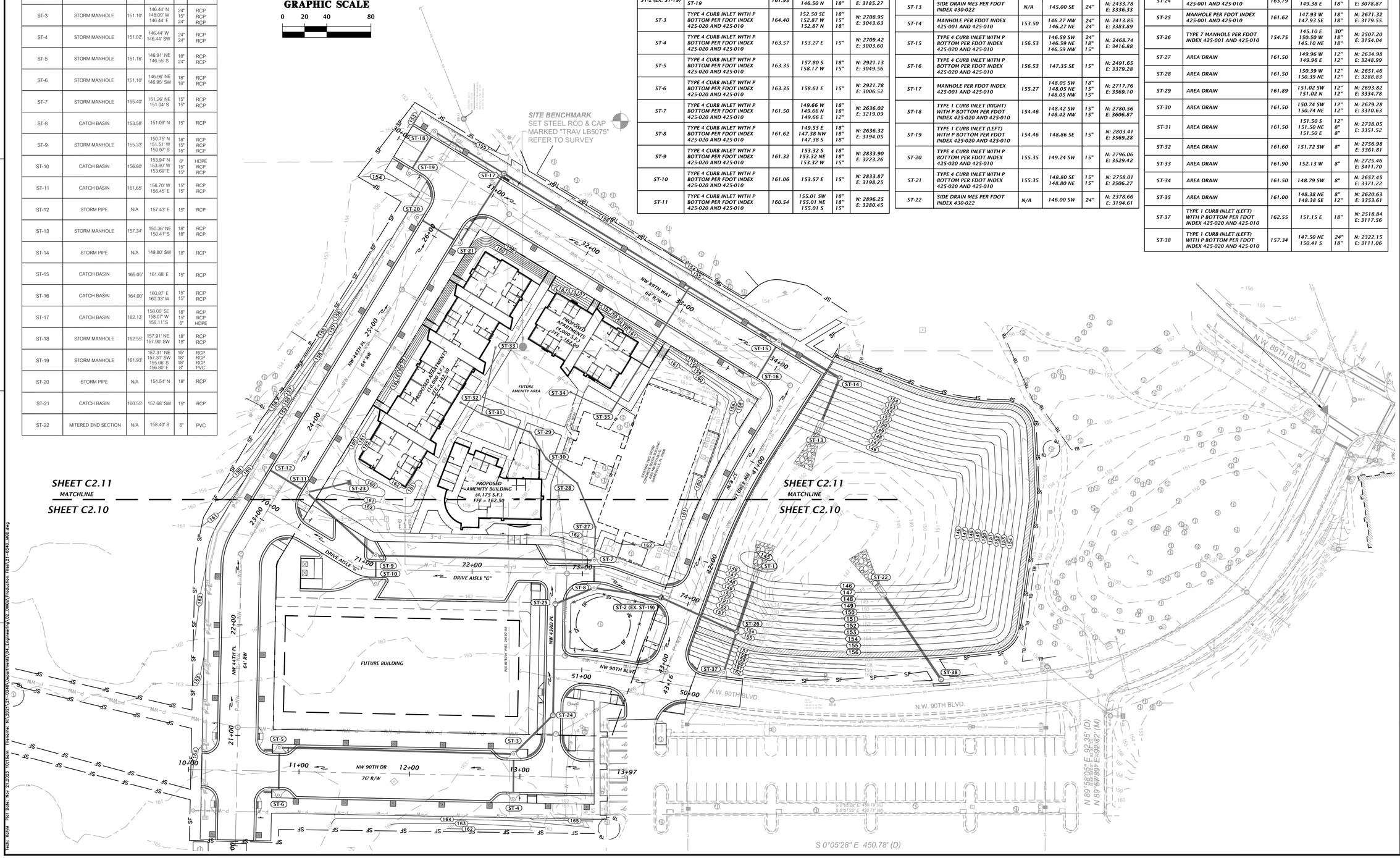
SHEET NO.: C1.11

Path: ostem Plot Date: Nov 21, 2023 4:00pm Filename: N:\2021\21-0340\Departments\Civil_Engineering\02_GNV\21-0340_SITE.dwg

EXISTING STORM STRUCTURE TABLE					
STRUCTURE	STRUCTURE TYPE	TOP	INVERT	SIZE	MATERIAL
ST-1	STORM MANHOLE	155.46'	150.97' N 151.06' E	15" 15"	RCP RCP
ST-2	CATCH BASIN	151.14'	148.84' W 148.79' SE	15" 15"	RCP RCP
ST-3	STORM MANHOLE	151.10'	146.44' N 148.09' W 146.44' E	24" 15" 24"	RCP RCP RCP
ST-4	STORM MANHOLE	151.02'	146.44' W 146.44' SW	24" 24"	RCP RCP
ST-5	STORM MANHOLE	151.16'	146.91' NE 146.55' S	18" 24"	RCP RCP
ST-6	STORM MANHOLE	151.10'	146.96' NE 146.95' SW	18" 18"	RCP RCP
ST-7	STORM MANHOLE	155.40'	151.26' NE 151.04' S	15" 15"	RCP RCP
ST-8	CATCH BASIN	153.58'	151.09' N	15"	RCP
ST-9	STORM MANHOLE	155.33'	150.75' N 151.51' W 150.97' S	18" 15" 15"	RCP RCP RCP
ST-10	CATCH BASIN	156.80'	153.94' N 153.80' W 153.69' E	6" 15" 15"	HDPE RCP RCP
ST-11	CATCH BASIN	161.65'	156.70' W 156.45' E	15" 15"	RCP RCP
ST-12	STORM PIPE	N/A	157.43' E	15"	RCP
ST-13	STORM MANHOLE	157.34'	150.36' NE 150.41' S	18" 18"	RCP RCP
ST-14	STORM PIPE	N/A	149.80' SW	18"	RCP
ST-15	CATCH BASIN	165.05'	161.68' E	15"	RCP
ST-16	CATCH BASIN	164.00'	160.87' E 160.33' W	15" 15"	RCP RCP
ST-17	CATCH BASIN	162.13'	158.00' SE 158.07' W 158.11' S	18" 15" 6"	RCP RCP HDPE
ST-18	STORM MANHOLE	162.55'	157.91' NE 157.90' SW	18" 18"	RCP RCP
ST-19	STORM MANHOLE	161.93'	157.31' NE 157.31' SW 155.06' S 156.80' E	15" 18" 18" 8"	RCP RCP RCP PVC
ST-20	STORM PIPE	N/A	154.54' N	18"	RCP
ST-21	CATCH BASIN	160.55'	157.68' SW	15"	RCP
ST-22	MITERED END SECTION	N/A	158.40' S	6"	PVC

GRAPHIC SCALE
0 20 40 80

SITE BENCHMARK
SET STEEL ROD & CAP
MARKED "TRAV LB5075"
REFER TO SURVEY



STORMWATER STRUCTURE TABLE

STRUCTURE:	STRUCTURE TYPE	TOP	INVERT ELEV	PIPE DIA.	NORTHING & EASTING
ST-1	SIDE DRAIN MES PER FDOT INDEX 430-022	N/A	145.00 W	30"	N: 2489.37 E: 3208.48
ST-2 (EX. ST-19)	MODIFIED EXISTING MANHOLE ST-19	161.93	146.50 SW 146.50 N	18" 18"	N: 2575.46 E: 3185.27
ST-3	TYPE 4 CURB INLET WITH P BOTTOM PER FDOT INDEX 425-020 AND 425-010	164.40	152.50 SE 152.87 W 152.87 N	18" 15" 18"	N: 2708.95 E: 3043.63
ST-4	TYPE 4 CURB INLET WITH P BOTTOM PER FDOT INDEX 425-020 AND 425-010	163.57	153.27 E	15"	N: 2709.42 E: 3003.60
ST-5	TYPE 4 CURB INLET WITH P BOTTOM PER FDOT INDEX 425-020 AND 425-010	163.35	157.80 S 158.17 W	18" 15"	N: 2921.13 E: 3049.56
ST-6	TYPE 4 CURB INLET WITH P BOTTOM PER FDOT INDEX 425-020 AND 425-010	163.35	158.61 E	15"	N: 2921.78 E: 3006.52
ST-7	TYPE 4 CURB INLET WITH P BOTTOM PER FDOT INDEX 425-020 AND 425-010	161.50	149.66 W 149.66 N 149.66 E	18" 18" 12"	N: 2636.02 E: 3219.09
ST-8	TYPE 4 CURB INLET WITH P BOTTOM PER FDOT INDEX 425-020 AND 425-010	161.62	149.53 E 147.38 NW 147.38 S	18" 18" 18"	N: 2636.32 E: 3194.05
ST-9	TYPE 4 CURB INLET WITH P BOTTOM PER FDOT INDEX 425-020 AND 425-010	161.32	153.32 S 153.32 NE 153.32 W	18" 18" 15"	N: 2833.90 E: 3223.26
ST-10	TYPE 4 CURB INLET WITH P BOTTOM PER FDOT INDEX 425-020 AND 425-010	161.06	153.57 E	15"	N: 2833.87 E: 3198.25
ST-11	TYPE 4 CURB INLET WITH P BOTTOM PER FDOT INDEX 425-020 AND 425-010	160.54	155.01 SW 155.01 NE 155.01 S	18" 18" 15"	N: 2896.25 E: 3280.45

STORMWATER STRUCTURE TABLE

STRUCTURE:	STRUCTURE TYPE	TOP	INVERT ELEV	PIPE DIA.	NORTHING & EASTING
ST-12	TYPE 4 CURB INLET WITH P BOTTOM PER FDOT INDEX 425-020 AND 425-010	160.54	155.89 SW	18"	N: 2933.83 E: 3303.35
ST-13	SIDE DRAIN MES PER FDOT INDEX 430-022	N/A	145.00 SE	24"	N: 2433.78 E: 3336.33
ST-14	MANHOLE PER FDOT INDEX 425-001 AND 425-010	153.50	146.27 NW 146.27 NE	24" 24"	N: 2413.85 E: 3383.89
ST-15	TYPE 4 CURB INLET WITH P BOTTOM PER FDOT INDEX 425-020 AND 425-010	156.53	146.59 SW 146.59 NE 146.59 NW	24" 18" 15"	N: 2468.74 E: 3416.88
ST-16	TYPE 4 CURB INLET WITH P BOTTOM PER FDOT INDEX 425-020 AND 425-010	156.53	147.35 SE	15"	N: 2491.65 E: 3379.28
ST-17	MANHOLE PER FDOT INDEX 425-001 AND 425-010	155.27	148.05 SW 148.05 NE 148.05 NW	18" 15" 15"	N: 2717.76 E: 3569.10
ST-18	TYPE 1 CURB INLET (RIGHT) WITH P BOTTOM PER FDOT INDEX 425-020 AND 425-010	154.46	148.42 SW 148.42 NW	15" 15"	N: 2780.56 E: 3606.87
ST-19	TYPE 1 CURB INLET (LEFT) WITH P BOTTOM PER FDOT INDEX 425-020 AND 425-010	154.46	148.86 SE	15"	N: 2803.41 E: 3569.28
ST-20	TYPE 4 CURB INLET WITH P BOTTOM PER FDOT INDEX 425-020 AND 425-010	155.35	149.24 SW	15"	N: 2796.06 E: 3529.42
ST-21	TYPE 4 CURB INLET WITH P BOTTOM PER FDOT INDEX 425-020 AND 425-010	155.35	148.80 SE 148.80 NE	15" 15"	N: 2758.01 E: 3506.27
ST-22	SIDE DRAIN MES PER FDOT INDEX 430-022	N/A	146.00 SW	24"	N: 2378.66 E: 3194.61

STORMWATER STRUCTURE TABLE

STRUCTURE:	STRUCTURE TYPE	TOP	INVERT ELEV	PIPE DIA.	NORTHING & EASTING
ST-23	TYPE C INLET PER FDOT INDEX 425-052 AND 425-010	159.75	155.40 N	15"	N: 2857.83 E: 3289.39
ST-24	MANHOLE PER FDOT INDEX 425-001 AND 425-010	163.79	151.38 NW 149.38 E	18" 18"	N: 2673.39 E: 3078.87
ST-25	MANHOLE PER FDOT INDEX 425-001 AND 425-010	161.62	147.93 W 147.93 SE	18" 18"	N: 2671.32 E: 3179.55
ST-26	TYPE 7 MANHOLE PER FDOT INDEX 425-001 AND 425-010	154.75	145.10 E 150.50 W 145.10 NE	30" 18" 18"	N: 2507.20 E: 3154.04
ST-27	AREA DRAIN	161.50	149.96 W 149.96 E	12" 12"	N: 2634.98 E: 3248.99
ST-28	AREA DRAIN	161.50	150.39 W 150.39 NE	12" 12"	N: 2651.46 E: 3288.83
ST-29	AREA DRAIN	161.89	151.02 SW 151.02 N	12" 12"	N: 2693.82 E: 3334.78
ST-30	AREA DRAIN	161.50	150.74 SW 150.74 NE	12" 12"	N: 2679.28 E: 3310.63
ST-31	AREA DRAIN	161.50	151.50 S 151.50 NE 151.50 E	12" 8" 8"	N: 2738.05 E: 3351.52
ST-32	AREA DRAIN	161.60	151.72 SW	8"	N: 2756.98 E: 3361.81
ST-33	AREA DRAIN	161.90	152.13 W	8"	N: 2725.46 E: 3411.70
ST-34	AREA DRAIN	161.50	148.79 SW	8"	N: 2657.45 E: 3371.22
ST-35	AREA DRAIN	161.00	148.38 NE 148.38 SE	8" 12"	N: 2620.63 E: 3353.61
ST-37	TYPE 1 CURB INLET (LEFT) WITH P BOTTOM PER FDOT INDEX 425-020 AND 425-010	162.55	151.15 E	18"	N: 2518.84 E: 3117.56
ST-38	TYPE 1 CURB INLET (LEFT) WITH P BOTTOM PER FDOT INDEX 425-020 AND 425-010	157.34	147.50 NE 150.41 S	24" 18"	N: 2322.15 E: 3111.06

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CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
05-12-23: 30% SUBMITTAL
09-13-23: ALACHUA COUNTY SUBMITTAL
10-30-23: ALACHUA COUNTY
11-08-23: SJRWMD RE-SUBMITTAL
11-22-23: SJRWMD & GRU RESUBMITTAL

CLIENT: UF HEALTH SHANDS HOSPITAL

PROJECT: FLORIDA RECOVERY CENTER AT UF HEALTH SANTA FE VILLAGE TOD PHASE - 1

SHEET TITLE: MASTER GRADING AND DRAINAGE PLAN

TECHNICIAN: KTM
DESIGNER:
QA/QC:
QUALITY CONTROL:
R.O.

PROJECT NUMBER: 21-0340.02

RANDALL SCOTT OLNEY

Randall Scott Olney, P.E. State of Florida, Professional Engineer, License No. 68382

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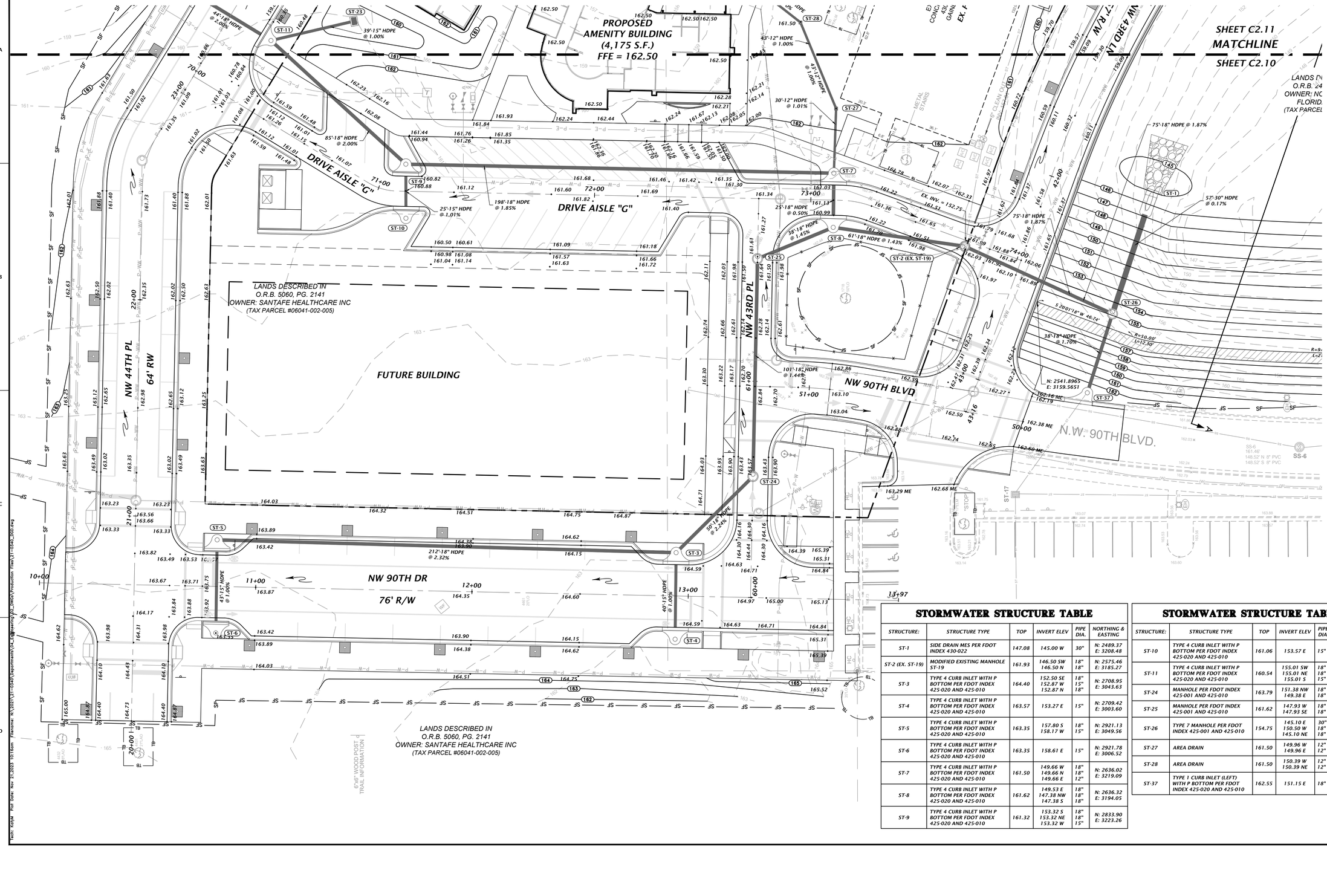
SHEET NO.: C2.00

Xrefs: XGrid Plot Date: Nov 21,2023 10:16am Filename: K:\2021\21-0340\Apprmnnt\04_Engineering\02_Civil\21_0340_MSD.dwg



STORMWATER STRUCTURE TABLE

STRUCTURE:	STRUCTURE TYPE	TOP	INVERT ELEV	PIPE DIA.	NORTHING & EASTING
ST-1	SIDE DRAIN MES PER FDOT INDEX 430-022	147.08	145.00 W	30"	N: 2489.37 E: 3208.48
ST-2 (EX. ST-19)	MODIFIED EXISTING MANHOLE ST-19	161.93	146.50 SW 146.50 N	18" 18"	N: 2575.46 E: 3185.27
ST-3	TYPE 4 CURB INLET WITH P BOTTOM PER FDOT INDEX 425-020 AND 425-010	164.40	152.50 SE 152.87 W 152.87 N	18" 15" 18"	N: 2708.95 E: 3043.63
ST-4	TYPE 4 CURB INLET WITH P BOTTOM PER FDOT INDEX 425-020 AND 425-010	163.57	153.27 E	15"	N: 2709.42 E: 3003.60
ST-5	TYPE 4 CURB INLET WITH P BOTTOM PER FDOT INDEX 425-020 AND 425-010	163.35	157.80 S 158.17 W	18" 15"	N: 2921.13 E: 3049.56
ST-6	TYPE 4 CURB INLET WITH P BOTTOM PER FDOT INDEX 425-020 AND 425-010	163.35	158.61 E	15"	N: 2921.78 E: 3006.52
ST-7	TYPE 4 CURB INLET WITH P BOTTOM PER FDOT INDEX 425-020 AND 425-010	161.50	149.66 W 149.66 N 149.66 E	18" 18" 12"	N: 2636.02 E: 3219.09
ST-8	TYPE 4 CURB INLET WITH P BOTTOM PER FDOT INDEX 425-020 AND 425-010	161.62	149.53 E 147.38 NW 147.38 S	18" 18" 18"	N: 2636.32 E: 3194.05
ST-9	TYPE 4 CURB INLET WITH P BOTTOM PER FDOT INDEX 425-020 AND 425-010	161.32	153.32 S 153.32 NE 153.32 W	18" 18" 15"	N: 2833.90 E: 3223.26

STORMWATER STRUCTURE TABLE

STRUCTURE:	STRUCTURE TYPE	TOP	INVERT ELEV	PIPE DIA.	NORTHING & EASTING
ST-10	TYPE 4 CURB INLET WITH P BOTTOM PER FDOT INDEX 425-020 AND 425-010	161.06	153.57 E	15"	N: 2833.87 E: 3198.25
ST-11	TYPE 4 CURB INLET WITH P BOTTOM PER FDOT INDEX 425-020 AND 425-010	160.54	155.01 SW 155.01 NE 155.01 S	18" 18" 15"	N: 2896.25 E: 3280.45
ST-24	MANHOLE PER FDOT INDEX 425-001 AND 425-010	163.79	151.38 NW 149.38 E	18" 18"	N: 2673.39 E: 3078.87
ST-25	MANHOLE PER FDOT INDEX 425-001 AND 425-010	161.62	147.93 W 147.93 SE	18" 18"	N: 2671.32 E: 3179.55
ST-26	TYPE 7 MANHOLE PER FDOT INDEX 425-001 AND 425-010	154.75	145.10 E 150.50 W 145.10 NE	30" 18" 18"	N: 2507.20 E: 3154.04
ST-27	AREA DRAIN	161.50	149.96 W 149.96 E	12" 12"	N: 2634.98 E: 3248.99
ST-28	AREA DRAIN	161.50	150.39 W 150.39 NE	12" 12"	N: 2651.46 E: 3288.83
ST-37	TYPE 1 CURB INLET (LEFT) WITH P BOTTOM PER FDOT INDEX 425-020 AND 425-010	162.55	151.15 E	18"	N: 2518.84 E: 3117.56

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SCALE: 1"=20'

VERIFY SCALE BAR IS CORRECT FOR PLOTTED SIZE

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CONSTRUCTION/BID REVISIONS:

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11-22-23: SJRWMD & GRU RESUBMITTAL

CLIENT: UF HEALTH SHANDS HOSPITAL

PROJECT: FLORIDA RECOVERY CENTER AT UF HEALTH SANTA FE VILLAGE TOD PHASE - I

SHEET TITLE: DETAILED GRADING AND DRAINAGE PLAN

TECHNICIAN: KTM
DESIGNER:
CHECK:
QUALITY CONTROL:
P.O.
PROJECT NUMBER: 21-0340.02

RANDALL SCOTT OLNEY

Randall Scott Olney, P.E. State of Florida, Professional Engineer, License No. 68382

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FL PE No. 68382

SHEET NO: C2.10

Path: N:\Civil Plot Date: Nov 21,2023 10:16am Filename: N:\2021\21-0340\Department\04_Engineering\02_GMDA\Production Files\21-0340_3DX.dwg

GRAPHIC SCALE
0 10 20 40

LANDS DESCRIBED IN
O.R.B. 5060, PG. 2141
OWNER: SANTAFE HEALTHCARE INC
(TAX PARCEL #06041-002-002)

LANDS DESCRIBED IN
O.R.B. 5060, PG. 2141
OWNER: SANTAFE HEALTHCARE INC
(TAX PARCEL #06041-002-002)

LANDS DESCRIBED IN
O.R.B. 5060, PG. 2141
OWNER: SANTAFE HEALTHCARE INC
(TAX PARCEL #06041-002-005)

STORMWATER STRUCTURE TABLE

STRUCTURE:	STRUCTURE TYPE	TOP	INVERT ELEV	PIPE DIA.	NORTHING & EASTING
ST-11	TYPE 4 CURB INLET WITH P BOTTOM PER FDOT INDEX 425-020 AND 425-010	160.54	155.01 SW 155.01 NE 155.01 S	18" 18" 15"	N: 2896.25 E: 3280.45
ST-12	TYPE 4 CURB INLET WITH P BOTTOM PER FDOT INDEX 425-020 AND 425-010	160.54	155.89 SW	18"	N: 2933.83 E: 3303.35
ST-13	SIDE DRAIN MES PER FDOT INDEX 430-022	146.00	145.00 SE	24"	N: 2433.78 E: 3336.33
ST-14	MANHOLE PER FDOT INDEX 425-001 AND 425-010	153.50	146.27 NW 146.27 NE	24" 24"	N: 2413.85 E: 3383.89
ST-15	TYPE 4 CURB INLET WITH P BOTTOM PER FDOT INDEX 425-020 AND 425-010	156.53	146.59 SW 146.59 NE 146.59 NW	24" 18" 15"	N: 2468.74 E: 3416.88
ST-16	TYPE 4 CURB INLET WITH P BOTTOM PER FDOT INDEX 425-020 AND 425-010	156.53	147.35 SE	15"	N: 2491.65 E: 3379.28
ST-17	MANHOLE PER FDOT INDEX 425-001 AND 425-010	155.27	148.05 SW 148.05 NE 148.05 NW	18" 15" 15"	N: 2717.76 E: 3569.10
ST-18	TYPE 1 CURB INLET (RIGHT) WITH P BOTTOM PER FDOT INDEX 425-020 AND 425-010	154.46	148.42 SW 148.42 NW	15" 15"	N: 2780.56 E: 3606.87
ST-19	TYPE 1 CURB INLET (LEFT) WITH P BOTTOM PER FDOT INDEX 425-020 AND 425-010	154.46	148.86 SE	15"	N: 2803.41 E: 3569.28
ST-20	TYPE 4 CURB INLET WITH P BOTTOM PER FDOT INDEX 425-020 AND 425-010	155.35	149.24 SW	15"	N: 2796.06 E: 3529.42
ST-21	TYPE 4 CURB INLET WITH P BOTTOM PER FDOT INDEX 425-020 AND 425-010	155.35	148.80 SE 148.80 NE	15" 15"	N: 2758.01 E: 3506.27
ST-23	TYPE C INLET PER FDOT INDEX 425-052 AND 425-010	159.75	155.40 N	15"	N: 2857.83 E: 3289.39
ST-28	AREA DRAIN	161.50	150.39 W 150.39 NE	12" 12"	N: 2651.46 E: 3288.83
ST-29	AREA DRAIN	161.89	151.02 SW 151.02 N	12" 12"	N: 2693.82 E: 3334.78
ST-30	AREA DRAIN	161.50	150.74 SW 150.74 NE	12" 12"	N: 2679.28 E: 3310.63
ST-31	AREA DRAIN	161.50	151.50 S 151.50 NE 151.50 E	12" 8" 8"	N: 2738.05 E: 3351.52
ST-32	AREA DRAIN	161.60	151.72 SW	8"	N: 2756.98 E: 3361.81
ST-33	AREA DRAIN	161.90	152.13 W	8"	N: 2725.46 E: 3411.70
ST-34	AREA DRAIN	161.50	148.79 SW	8"	N: 2657.45 E: 3371.22
ST-35	AREA DRAIN	161.00	148.38 NE 148.38 SE	8" 12"	N: 2620.63 E: 3353.61

SS-11 EXISTING DS-01 MANHOLE - RIM = 155.84 (24"RCP-SW=146.59 (6" DIP TO REMAIN) (24"RCP-NE=146.27 (6" DIP TO REMAIN) INV=152.14 NE, 6" DIP)

30+00 · 26+00 · 32+00 · 33+00 · 34+00 · 24+00 · 25+00

73'-15" HDPE @ 0.50%
75'-15" HDPE @ 1.00%
45'-15" HDPE @ 1.00%
292'-18" HDPE @ 0.50%
44'-18" HDPE @ 2.00%
39'-15" HDPE @ 1.00%
61'-8" HDPE @ 1.02%
22'-8" HDPE @ 1.00%
47'-12" HDPE @ 1.00%
28'-12" HDPE @ 1.00%
35'-12" HDPE @ 1.00%
41'-8" HDPE @ 1.00%
43'-12" HDPE @ 1.00%
64'-24" HDPE @ 0.50%
44'-15" HDPE @ 1.25%
52'-24" HDPE @ 2.46%

NW 89TH WAY
64' R/W
NW 44TH PL
64' RW
NW 43RD TER
57' R/W

PROPOSED APARTMENTS (4,000 S.F.) FFE = 162.00
PROPOSED APARTMENTS (10,000 S.F.) FFE = 162.30
PROPOSED AMENITY BUILDING (4,175 S.F.) FFE = 162.50
FUTURE AMENITY AREA

SITE BENCHMARK
SET STEEL ROD & CAP, MARKED "TRAV LB5075"
REFER TO SURVEY

EX. FFE = 162.00
EXISTING TWO STORY CONCRETE BLOCK BUILDING
1005 NW 90TH BLVD
GAINESVILLE, FL 32606
EX. FFE = 162.00

INV ELE=147.06'

N: 2419.7650
E: 3398.4941
N 21°20'09" E 72.86'

SHEET C2.11
MATCHLINE
SHEET C2.10

PROPO
STORMW
MANAGEMEN

11801 Research Drive
Alachua, FL 32615
(352) 331-1976
www.chw-inc.com
est. 1988 FLORIDA CA-5075

CHW Professional Consultants

SCALE: 1"=20'

VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET ADJUST SCALES ACCORDINGLY.

CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
09-13-23: 30% SUBMITTAL
09-15-23: ALACHUA COUNTY SUBMITTAL
10-30-23: ALACHUA COUNTY
11-08-23: SJRWMD RE-SUBMITTAL
11-22-23: SJRWMD & GRU RESUBMITTAL

CLIENT: UF HEALTH SHANDS HOSPITAL

PROJECT: FLORIDA RECOVERY CENTER AT UF HEALTH SANTA FE VILLAGE TOD PHASE - 1

SHEET TITLE: DETAILED GRADING AND DRAINAGE PLAN

TECHNICIAN: KTM
DESIGNER: -
QUALITY CONTROL: -
P.O. -
PROJECT NUMBER: 21-0340.02

RANDALL SCOTT OLNEY

Randall Scott Olney, P.E.
State of Florida, Professional Engineer, License No. 68382

This item has been digitally signed and sealed by Randall Scott Olney, P.E. on the date indicated here.

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FL PE No. 68382

SHEET NO.: C2.11

Plotted: Nov 21, 2023 - 12:17pm
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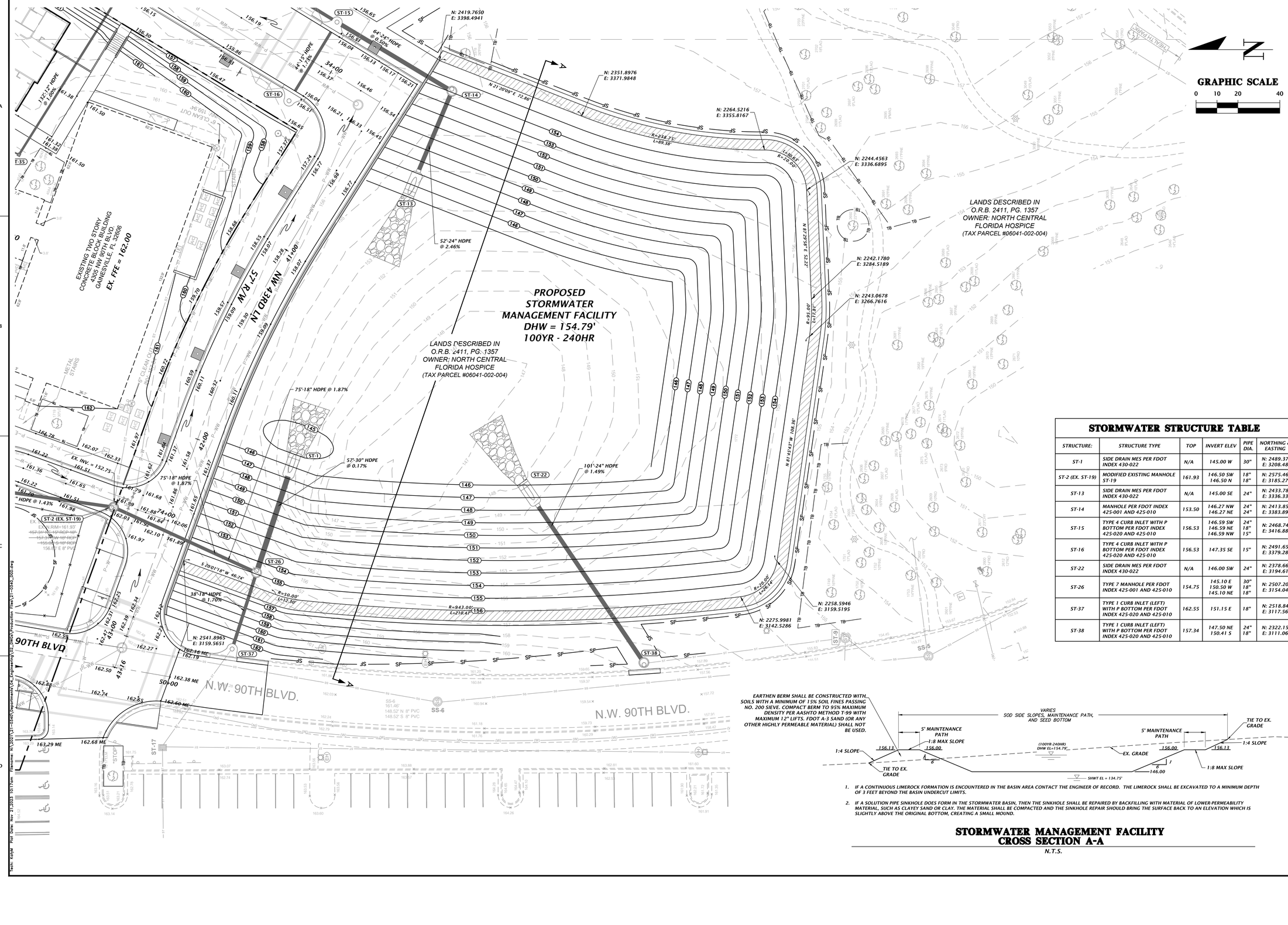

STORMWATER STRUCTURE TABLE

STRUCTURE:	STRUCTURE TYPE	TOP	INVERT ELEV	PIPE DIA.	NORTHING & EASTING
ST-1	SIDE DRAIN MES PER FDOT INDEX 430-022	N/A	145.00 W	30"	N: 2489.37 E: 3208.48
ST-2 (EX. ST-19)	MODIFIED EXISTING MANHOLE ST-19	161.93	146.50 SW 146.50 N	18" 18"	N: 2575.46 E: 3185.27
ST-13	SIDE DRAIN MES PER FDOT INDEX 430-022	N/A	145.00 SE	24"	N: 2433.78 E: 3336.33
ST-14	MANHOLE PER FDOT INDEX 425-001 AND 425-010	153.50	146.27 NW 146.27 NE	24" 24"	N: 2413.85 E: 3383.89
ST-15	TYPE 4 CURB INLET WITH P BOTTOM PER FDOT INDEX 425-020 AND 425-010	156.53	146.59 SW 146.59 NE 146.59 NW	24" 18" 15"	N: 2468.74 E: 3416.88
ST-16	TYPE 4 CURB INLET WITH P BOTTOM PER FDOT INDEX 425-020 AND 425-010	156.53	147.35 SE	15"	N: 2491.65 E: 3379.28
ST-22	SIDE DRAIN MES PER FDOT INDEX 430-022	N/A	146.00 SW	24"	N: 2378.66 E: 3194.61
ST-26	TYPE 7 MANHOLE PER FDOT INDEX 425-001 AND 425-010	154.75	145.10 E 150.50 W 145.10 NE	30" 18" 18"	N: 2507.20 E: 3154.04
ST-37	TYPE 1 CURB INLET (LEFT) WITH P BOTTOM PER FDOT INDEX 425-020 AND 425-010	162.55	151.15 E	18"	N: 2518.84 E: 3117.56
ST-38	TYPE 1 CURB INLET (LEFT) WITH P BOTTOM PER FDOT INDEX 425-020 AND 425-010	157.34	147.50 NE 150.41 S	24" 18"	N: 2322.15 E: 3111.06

EARTHEN BERM SHALL BE CONSTRUCTED WITH SOILS WITH A MINIMUM OF 15% SOIL FINES PASSING NO. 200 SIEVE. COMPACT BERM TO 95% MAXIMUM DENSITY PER AASHTO METHOD T-99 WITH MAXIMUM 12" LIFTS. FDOT A-3 SAND (OR ANY OTHER HIGHLY PERMEABLE MATERIAL) SHALL NOT BE USED.

1. IF A CONTINUOUS LIMEROCK FORMATION IS ENCOUNTERED IN THE BASIN AREA CONTACT THE ENGINEER OF RECORD. THE LIMEROCK SHALL BE EXCAVATED TO A MINIMUM DEPTH OF 3 FEET BEYOND THE BASIN UNDERCUT LIMITS.
2. IF A SOLUTION PIPE SINKHOLE DOES FORM IN THE STORMWATER BASIN, THEN THE SINKHOLE SHALL BE REPAIRED BY BACKFILLING WITH MATERIAL OF LOWER-PERMEABILITY MATERIAL, SUCH AS CLAYEY SAND OR CLAY. THE MATERIAL SHALL BE COMPACTED AND THE SINKHOLE REPAIR SHOULD BRING THE SURFACE BACK TO AN ELEVATION WHICH IS SLIGHTLY ABOVE THE ORIGINAL BOTTOM, CREATING A SMALL MOUND.

STORMWATER MANAGEMENT FACILITY CROSS SECTION A-A

N.T.S.

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Alachua, FL 32615
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CLIENT: UF HEALTH SHANDS HOSPITAL

PROJECT: FLORIDA RECOVERY CENTER AT UF HEALTH SANTA FE VILLAGE TOD PHASE - 1

SHEET TITLE: STORMWATER MANAGEMENT FACILITY PLAN AND DETAILS

TECHNICIAN: KTM
DESIGNER: CH
QUALITY CONTROL: R.O.
PROJECT NUMBER: 21-0340.02

RANDALL SCOTT OLNEY

Randall Scott Olney, P.E. State of Florida, Professional Engineer, License No. 68382

This item has been digitally signed and sealed by Randall Scott Olney, P.E. on the date indicated here.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Randall Scott Olney, P.E. Florida License No. 68382 CHW PROFESSIONAL CONSULTANTS 11801 Research Drive Alachua, Florida 32615 (352) 331-1976 CA-4075

FL PE No. 68382

SHEET NO.: C2.20

Xrefs: XGrid Plot Date: Nov 21 2023 10:17am Filename: N:\2021\21-0340\Department\04_Engineering\02_Data\Production Files\21-0340_2000.dwg

NOTE:

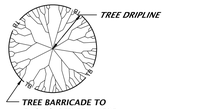
1. TREE BARRICADES MUST BE INSPECTED AND APPROVED BY THE COUNTY ARBORIST (352-374-5243, EXT. 3503) PRIOR TO ANY CLEARING, DEMOLITION, OR GRUBBING WORK BEGINS.

2. TREE BARRICADES SHALL REMAIN IN-PLACE, AND IN WORKING ORDER THROUGHOUT THE CONSTRUCTION PHASE. BARRICADES SHALL BE REMOVED ONCE MAJOR CONSTRUCTION IS COMPLETE AND PRIOR TO COMPLETION OF LANDSCAPE INSTALLATION.

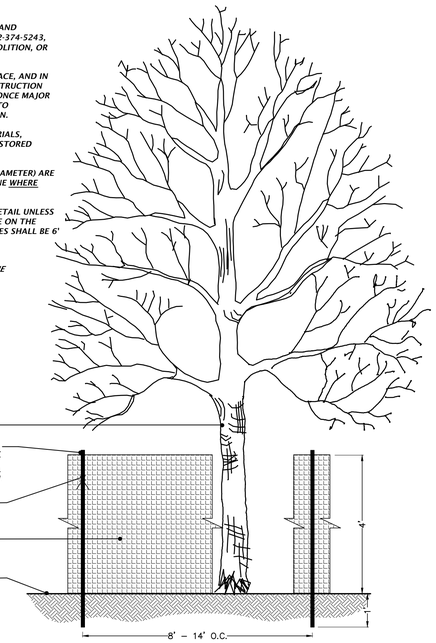
3. NO CONSTRUCTION EQUIPMENT, MATERIALS, SUPPLIES, FUELS OR CHEMICALS SHALL BE STORED WITHIN THE TREE BARRICADE LIMITS.

4. HERITAGE TREES (GREATER THAN 20" DIAMETER) ARE TO BE ENCLOSED TO THEIR ENTIRE DRIPLINE WHERE POSSIBLE.

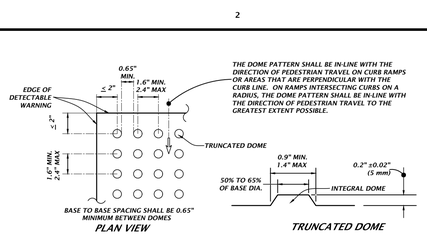
5. TREE BARRICADES SHALL BE PER THIS DETAIL UNLESS OTHERWISE LABELED AS CHAIN LINK FENCE ON THE PLANS. CHAIN LINK FENCE TREE BARRICADES SHALL BE 6' IN HEIGHT.



REGULATED TREE PLAN VIEW



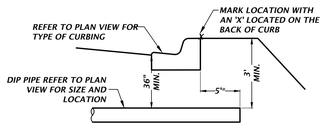
TREE BARRICADE STAKING
NTS



PLAN VIEW — TRUNCATED DOME

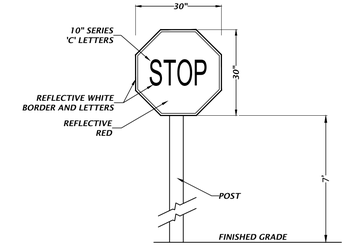
DETECTABLE WARNING DETAIL
NTS

1. PROVIDE DETECTABLE WARNINGS IN ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADAAG) SECTION 705-DETECTABLE WARNINGS ON WALKING SURFACES AND THE 2014 FLORIDA BUILDING CODE, ACCESSIBILITY, CHAPTER 7, SECTION 705.
2. RAISED TRUNCATED DOMES SHALL HAVE A BASE DIAMETER FROM 0.9" MIN TO 1.4" MAX, A TOP DIAMETER FROM 50% TO 65% OF BASE DIAMETER, A HEIGHT OF 0.2 INCH (5 mm) NOMINAL, CENTER-TO-CENTER SPACING FROM 1.6" MIN TO 2.4" MAX, AND BASE-TO-BASE SPACING OF 0.65% MINIMUM, MEASURED BETWEEN THE MOST ADJACENT DOMES ON A SQUARE GRID.
3. SURFACES SHALL CONTRAST VISUALLY WITH ADJACENT WALKING SURFACES EITHER LIGHT-ON-DARK, OR DARK-ON-LIGHT.
4. ALL SIDEWALK CURB RAMPS SHALL HAVE DETECTABLE WARNING SURFACES THAT EXTEND THE FULL WIDTH OF THE RAMP AND IN THE DIRECTION OF TRAVEL 24 INCHES.
5. IF MATS ARE TO BE UTILIZED:
   A - DETECTABLE WARNING SURFACE SHALL CONSIST OF 3-FT WIDE, SURFACE APPLIED, POLYURETHANE MAT WITH IN-LINE TRUNCATED DOME PATTERN.
   B - DETECTABLE WARNING SURFACE SHALL BE SECURED BY ADHESIVE AND STAINLESS STEEL ANCHORS.
   C - ACCEPTABLE PRODUCTS ARE THE SURFACE APPLIED REDIMAT MANUFACTURED BY DETECTABLE WARNING SYSTEMS, INC. OR EQUAL LISTED ON THE FDOT QUALIFIED PRODUCTS LIST IN ACCORDANCE WITH SECTION 527-2.4 OF THE FDOT STANDARD SPECIFICATIONS.
   D - PRIOR TO INSTALLING DETECTABLE WARNING MAT, SCRUB THE SURFACE WITH A WIRE BRISTLE BRUSH. THE EXISTING CONCRETE SURFACE SHALL BE CLEANED OF ANY LOOSE MATERIAL, DUST, OILS, GREASE, AND SEALERS.
   E - ALL INSTALLATIONS SHALL BE MADE IN ACCORDANCE WITH THE DETECTABLE WARNING MAT MANUFACTURER'S SPECIFICATIONS.
6. IF INTERLOCKING PAVERS ARE TO BE UTILIZED:
   A - DETECTABLE WARNING SURFACE FOR THE RAMPS SHALL CONSIST OF INTERLOCKING 4" X 8" ADA DETECTABLE WARNING SURFACE PAVERS HAVING A MINIMUM DEPTH OF 2". CONCRETE PAVERS ARE TO MEET ASTM C902 CLASS SX TYPE 1; AND BRICK PAVERS ARE TO MEET ASTM C55, GRADE N, SOLID BRICK COLOR TO MEET ADA CONTRAST REQUIREMENTS.
   B - ALL UNITS SHALL BE SOUND AND FREE OF DEFECTS THAT WOULD INTERFERE WITH THE APPEARANCE OF PROPER PLACEMENT OF THE UNIT OR IMPAIR THE STRENGTH OR LONGEVITY OF THE FINAL STRUCTURE. ANY UNITS THAT ARE STRUCTURALLY DAMAGED DURING THE WORK SHALL BE IMMEDIATELY REMOVED AND REPLACED. THE PAVERS ARE TO BE LAID IN A TWO BY TWO BASKETWEAVE PATTERN, FLUSH WITH THE FINISH GRADE OF THE RAMP SURFACE, AND HAVE GAPS BETWEEN 1/16 AND 1/8 INCH. CUT PAVERS (MASONRY SAW ONLY) SHALL BE NO SMALLER THAN ONE-THIRD OF A WHOLE PAVER.
   C - MODIFY FORMWORK OR PROVIDE FORMED GROUT INFILL BEHIND CURVED DROP CURB SECTIONS TO ENSURE STRAIGHT EDGE RESTRAINT FOR PAVERS.
   D - CONCRETE EDGE RESTRAINT FOR WARNING AREA. MAXIMUM GAP OF 1/8" BETWEEN PAVERS AND EDGE. USE½" RADIUS ALONG CONCRETE EDGES.
   E - WHEN PAVERS ABUT EITHER EARTH/DIRT OR PAVEMENT, A SIX INCH CONCRETE BAND SHALL BE INSTALLED. BAND SHALL BE WITHIN LIMITS OF THE WIDTH OF PROPOSED CONCRETE AND NOT EXTENDED AN ADDITIONAL SIX INCHES..
7. OTHER METHODS/MATERIALS MAY BE USED FOR THE DETECTABLE WARNING STRIP, BUT THEY MUST MEET THE ABOVE CRITERIA.
8. ALL MATERIALS/METHODS TO BE UTILIZED SHALL BE SUBMITTED FOR APPROVAL TO THE ENGINEER PRIOR TO ORDERING THE MATERIALS/METHODS. FAILURE TO OBTAIN APPROVAL BEFORE ORDERING OR INSTALLATION MAY RESULT IN REMOVAL AND REPLACEMENT AT CONTRACTOR'S EXPENSE. ENGINEER'S APPROVAL DOES NOT RELIEVE THE CONTRACTOR'S RESPONSIBILITY FOR THE PERFORMANCE OF THE ITEM,
9. IF FDOT CURB RAMPS ARE SPECIFIED, REFER TO THE FDOT INDEX NO. 304 FOR SPECIFICATIONS CONCERNING THE APPLICABLE DETECTABLE WARNING STRIP TO BE USED WITH FDOT SPECIFIED RAMPS.

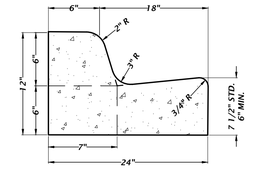


* DIMENSION TO EDGE OF PAVEMENT WHEN CURBING IS ABSENT

SLEEVE CROSSING DETAIL
NTS



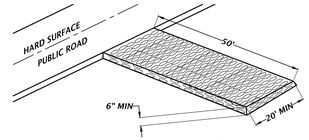
MUTCD R1-1 (30"x30") STOP SIGN DETAIL
NTS



NOTE:

WHEN USED ON THE HIGH SIDE OF ROADWAY, THE CROSS-SLOPE OF THE GUTTER SHALL MATCH THE CROSS-SLOPE OF THE ADJACENT PAVEMENT AND THE THICKNESS OF THE LIP SHALL BE 6".

TYPE 'F' CONCRETE CURB AND GUTTER DETAIL
NTS

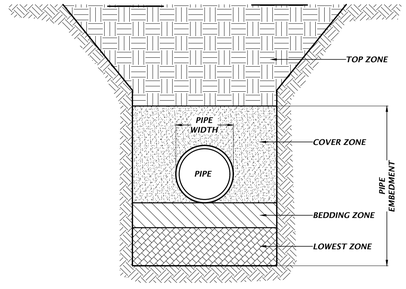


STONE SIZE: ASTM D448 SIZE #1 (1-1/2" TO 3-1/2" DIA)

STANDARD CONSTRUCTION EXIT

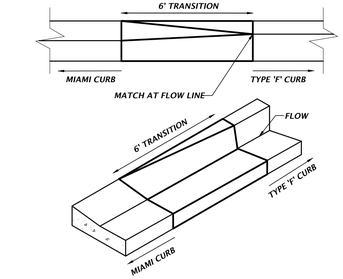
TEMPORARY CONSTRUCTION EXIT DETAIL
NTS

NOTE:
1. CONSTRUCTION EXIT INSTALLATION SHALL REMOVE MUD/SOILS FROM TIRES TO PREVENT TRACKING ONTO PUBLIC ROADS.
2. TOP DRESSING WITH 2" STONE MAY BE REQ'D AS DETERMINED BY THE USE AND FUNCTION OF THE SYSTEM.

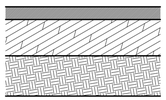


1. STORM PIPE BEDDING AND BACKFILL SHALL BE PER FDOT SPECIFICATION 125-8 AND 125-9.
2. SOIL/MATERIAL TYPES ARE AS DETERMINED PER AASHTO M145 SOIL CLASSIFICATIONS AND ASTM D3282.
3. DO NOT ALLOW HEAVY CONSTRUCTION EQUIPMENT TO CROSS OVER CULVERT OR STORM SEWER PIPES UNTIL PLACING AND COMPACTING BACKFILL MATERIAL TO THE FINISHED EARTHWORK GRADE OR TO AN ELEVATION AT LEAST FOUR (4) FEET ABOVE THE CROWN OF THE PIPE.
4. THE LOWEST ZONE IS BACKFILLED FOR DEEP UNDERCUTS UP TO WITHIN FOUR (4) INCHES OF THE BOTTOM OF THE PIPE. BACKFILL IN THIS ZONE SHALL BE COARSE SAND, OR OTHER SUITABLE GRANULAR MATERIAL, OBTAINED FROM THE GRADING OPERATIONS ON THE PROJECT, OR A COMMERCIAL MATERIAL (AS APPROVED BE THE ENGINEER OF RECORD) IF NO SUITABLE MATERIAL IS AVAILABLE. COMPACT THE SOIL TO APPROXIMATELY MATCH THE DENSITY OF THE SOIL IN WHICH THE TRENCH WAS CUT.
5. THE BEDDING ZONE IS ABOVE THE LOWEST ZONE AND USUALLY WILL BE THE BACKFILL WHICH IS THE FOUR (4) INCHES OF SOIL BELOW THE BOTTOM OF THE PIPE. WHEN ROCK OR OTHER HARD MATERIAL HAS BEEN REMOVED TO PLACE THE PIPE, THE BEDDING ZONE WILL BE THE TWELVE (12) INCHES OF SOIL BELOW THE BOTTOM OF THE PIPE. THE BACKFILL MATERIAL TO BE USED SHALL BE CLASSIFIED AS A-1, A-2, OR A-3. MATERIAL CLASSIFIED AS A-4 MAY BE USED IF THE PIPE IS CONCRETE PIPE. PLACE MATERIAL IN LIFTS NO GREATER THAN SIX (6) INCHES (COMPACTED THICKNESS).
6. THE COVER ZONE IS BACKFILL THAT IS PLACED AFTER THE PIPE HAS BEEN LAID AND EXTENDS TWELVE (12) INCHES ABOVE THE TOP OF THE PIPE. HE BACKFILL MATERIAL TO BE USED SHALL BE CLASSIFIED AS A-1, A-2, OR A-3. MATERIAL CLASSIFIED AS A-4 MAY BE USED IF THE PIPE IS CONCRETE PIPE. PLACE MATERIAL IN LIFTS NO GREATER THAN SIX (6) INCHES (COMPACTED THICKNESS), EVENLY DEPOSITED ON BOTH SIDES OF THE PIPE AND COMPACT WITH MECHANICAL TAMPERS SUITABLE FOR THIS PURPOSE. HAND TAMP MATERIAL BELOW THE PIPE HAUNCH THAT CANNOT BE REACHED BY MECHANICAL TAMPERS.
7. THE TOP ZONE EXTENDS FROM TWELVE (12) INCHES ABOVE THE TOP OF THE PIPE TO THE BASE OR FINAL GRADE. BACKFILL WITH MATERIALS ALLOWED PER FDOT INDEX NO. 505. PLACE MATERIAL IN LAYERS NOT TO EXCEED TWELVE (12) INCHES IN COMPACTED THICKNESS.
8. MINIMUM ACCEPTABLE COMPACTION FOR THE BEDDING, COVER, AND TOP ZONES IS 100% OF THE STANDARD PROCTOR MAXIMUM DENSITY AS DETERMINED BY AASHTO T-99, METHOD C. FOR METAL OR PLASTIC PIPE, COMPACT THE BACKFILL TO A DENSITY OF AT LEAST 95% OF THE STANDARD PROCTOR AS DETERMINED BY AASHTO T-99, METHOD C.
9. WHEN INSTALLING HDPE PIPE, BEDDING, BACKFILL, AND GENERAL INSTALLATION REQUIREMENTS SHALL COMPLY WITH ASTM D2321.

STORM PIPE BEDDING AND BACKFILLING DETAIL



CURB TRANSITION DETAIL
NTS



2" SP-12.5 ASPHALTIC CONCRETE
8" LIMEROCK BASE DOUBLE COURSE (PRIMED) (MIN. LBR OF 100) (MIN. 98% COMPACTION PER AASHTO T-180)
12" STABLIZIED TYPE B SUBGRADE (MIN. LBR OF 40) (MIN. 95% COMPACTION PER AASHTO T-180)

TYPICAL ASPHALT PAVEMENT DETAIL
NTS

BEFORE YOU DIG !
CALL SUNSHINE STATE ONE CALL OF FLORIDA
AT LEAST TWO FULL BUSINESS DAYS BEFORE DIGGING OR DISTURBING EARTH

811 Know what's below. Call before you dig.

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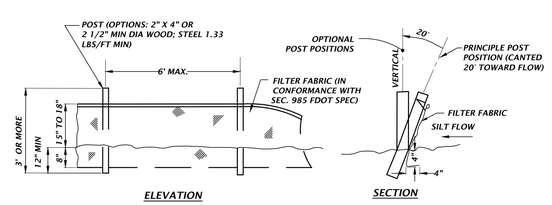
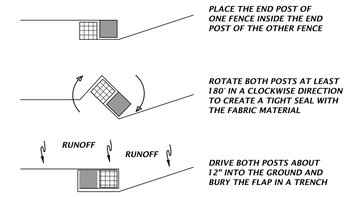


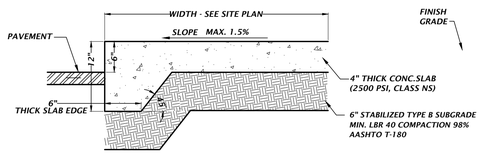
ELEVATION — SECTION

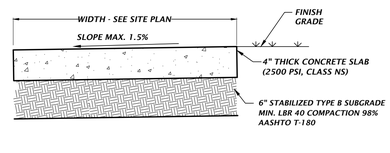
TYPE III SILT FENCE DETAIL
NTS



FOR ATTACHING TWO SILT FENCES WHEN TRENCHING IS USED

TYPE III SILT FENCE WRAPPING DETAIL
NTS





NOTES:

1. SAWCUT CONTROL JOINTS SHALL BE CONSTRUCTED 5 FEET ON CENTER
2. EXPANSION JOINTS WITH PREFORMED JOINT FILLER SHALL BE CONSTRUCTED BETWEEN ALL FIXED OBJECTS AND WALK AND AT CONSTRUCTION JOINTS.

ADJACENT TO PAVEMENT — NTS

NOT ADJACENT TO PAVEMENT — NTS

CONCRETE SIDEWALK DETAILS

11801 Research Drive
Alachua, FL 32615
(352) 331-1976
(352) 331-2476
www.chw-inc.com
est. 1988 FLORIDA CA-5075
CHW
Professional Consultants

SCALE: N/A

VERIFY SCALE BAR IS CORRECT FOR PLOTTED DRAWING SIZE. IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
05-19-23: 1ST CHW SUBMITTAL
09-12-23: ALACHUA COUNTY SUBMITTAL
10-30-23: ALACHUA COUNTY
11-08-23: SJRWMD RE-SUBMITTAL
11-22-23: SJRWMD & GOE RESUBMITTAL

CLIENT: UF HEALTH SHANDS HOSPITAL

PROJECT: FLORIDA RECOVERY CENTER AT UF HEALTH SANTA FE VILLAGE TOD PHASE - 1

SHEET TITLE: CONSTRUCTION DETAILS

TECHNICIAN: KTM
DESIGNER:
QA/QC:
QUALITY CONTROL: R.O.

PROJECT NUMBER: 21-0340.02

RANDALL SCOTT OLNEY

Randall Scott Olney, P.E.
State of Florida, Professional Engineer, License No. 68382

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Randall Scott Olney, P.E. Florida License No. 68382 CHW Professional Consultants 11801 Research Drive Alachua, FL 32615 (352) 331-1976

FL PE No. 68382

SHEET NO.: C2.30

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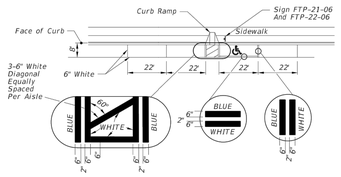
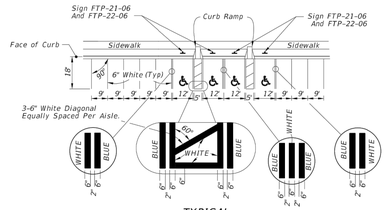
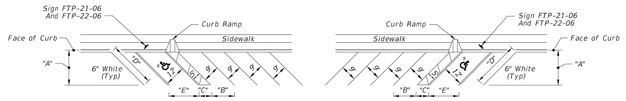




TYPICAL



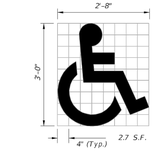
FORWARD-IN PARKING

REVERSE-IN PARKING

*FOR ACCESSIBLE MARKINGS - SEE ABOVE

DIMENSIONS					
∠ θ	"A"	"B"	"C"	"D"	"E"
45°	17'-0"	12'-9"	7'-0"	24'-0"	17'-0"

PAVEMENT MARKING FOR PARKING



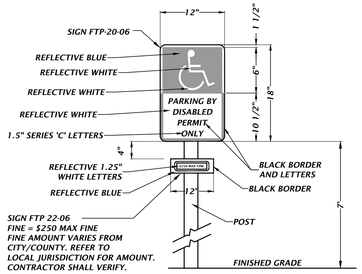
(See Note 6)

UNIVERSAL SYMBOL OF ACCESSIBILITY

NOTES:

1. Dimensions are to the centerline of markings.
2. An Access Aisle is required for each accessible space when angle parking is used.
3. Criteria for pavement markings only, not public sidewalk curb ramp locations. For ramp locations refer to plans.
4. Tint blue pavement markings to match color 15180 of Federal Standards 595a.
5. Mount FTP-22-06 sign below the FTP-21-06 sign.
6. Use of the pavement symbol in accessible parking spaces is optional. When pavement symbol is used, the symbol is either 3'-0" or 5'-0" high and white in color.

LAST REVISION	DESCRIPTION:	FDOT FY 2021-22 STANDARD PLANS	PAVEMENT MARKINGS	INDEX	SHEET
11/01/19	REVISION			711-001	12 of 13

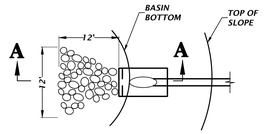


SIGN NOTES:

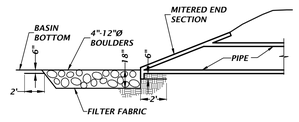
1. SIGN CONSTRUCTION, DESIGN AND PLACEMENT SHALL COMPLY WITH STATE AND LOCAL STATUTES.

ACCESSIBLE PARKING SIGN DETAIL

NTS



PLAN



SECTION A-A

NOTES:

1. ANCHOR FILTER FABRIC BY EXTENDING BEYOND RIPRAP AND BACKFILLING AS SHOWN ON DETAIL.
2. RIPRAP SHALL NOT EXTEND ONTO SIDE SLOPES.
3. ADJUST SHAPE OF APRON WHERE REQUIRED TO MATCH TOE OF SLOPE.
4. BROKEN SLOPE IS NOT ACCEPTABLE.

RIP-RAP EROSION PROTECTION

NTS

BASIN OPERATION AND MAINTENANCE REQUIREMENTS

SURFACEWATER MANAGEMENT FACILITIES (SMF'S):

ALL SMF'S PERMITTED BY THE DISTRICT SHALL BE OPERATED AND MAINTAINED IN ACCORDANCE WITH THE DESIGNS, PLANS CALCULATIONS, AND OTHER SPECIFICATIONS THAT ARE SUBMITTED WITH AN APPLICATION, APPROVED BY THE DISTRICT, AND INCORPORATED BY REFERENCE INTO ANY PERMIT ISSUED. SMF'S SHALL BE KEPT FREE OF DEBRIS, TRASH, GARBAGE, OILS AND GREASES, AND OTHER REFUSE THROUGH REGULAR INSPECTION AND MAINTENANCE BY THE PERMITTEE.

EROSION CONTROL:

THE SYSTEM SHALL BE REGULARLY INSPECTED AND MAINTAINED BY THE PERMITTEE TO INSURE THAT ALL EROSION IS CONTROLLED AND SOIL IS STABILIZED TO PREVENT SEDIMENT DISCHARGE TO WATERS IN THE STATE. ANY VEGETATION ESTABLISHED FOR EROSION CONTROL SHALL BE PROPERLY MAINTAINED FOR FUNCTION.

THE EROSION CONTROL PLAN IS A WORKING PLAN AND SHALL BE AMENDED BY THE CONTRACTOR IF THE PLAN DOES NOT WORK OR IS FOUND TO NOT ADEQUATELY CONTROL SEDIMENTATION.

CULVERTS, PIPES AND STRUCTURES:

ALL STRUCTURES WITHIN THE SYSTEM SHALL BE REGULARLY INSPECTED AND MAINTAINED ON A REGULAR BASIS BY THE PERMITTEE TO INSURE THAT THEY DO NOT BECOME CLOGGED OR CHOKED WITH VEGETATIVE OR AQUATIC GROWTH TO SUCH AN EXTENT AS TO RENDER THEM INOPERABLE.

MAINTENANCE:

THE STORMWATER MANAGEMENT FACILITY E (SMF-E) HAS BEEN DESIGNED WITH THREE DISTINCT MAINTENANCE AREAS (A, B, AND C). REFER TO THE SMF-G OPEN SPACE BASIN DIAGRAM DETAIL OR THE OPEN SPACE MANAGEMENT PLAN FOR A FIGURE OF THE DISTINCT MAINTENANCE AREAS.

AREA A: "NO-MOW" AREA: MOWING OR UNDERBRUSHING SHALL ONLY OCCUR IF NECESSARY TO MAINTAIN PROPER FUNCTION OF THE STORMWATER MANAGEMENT FACILITY. NATIVE/NON-INVASIVE GROUNDCOVER PLANTINGS MAY BE SELECTIVELY TRIMMED EVERY 2-3 YEARS TO ENCOURAGE NEW GROWTH, AS DETERMINED BY A REGISTERED LANDSCAPE ARCHITECT. ANNUAL REMOVAL OF EXOTIC INVASIVE PLANT SPECIES IS PERMITTED. CONTACT ALACHUA COUNTY ENVIRONMENTAL PROTECTION DEPARTMENT AND ALACHUA COUNTY PUBLIC WORKS STAFF PRIOR TO MOWING, CLEARING, OR OTHER ACTIVITIES IN THIS LOCATION.

AREA B: GROUND COVER AREA: ALL NATIVE/NON-INVASIVE GROUNDCOVER PLANTINGS LOCATED WITHIN THIS DESIGNATED AREA MAY BE CUT BACK EVERY 2-3 YEARS, AS NECESSARY, TO ENCOURAGE NEW GROWTH, AS DETERMINED BY A REGISTERED LANDSCAPE ARCHITECT OR THE ALACHUA COUNTY FIRE RESCUE. ANNUAL REMOVAL OF EXOTIC INVASIVE PLANT SPECIES IS PERMITTED.

AREA C: ROUTINE MOW AREA (MAINTENANCE PATHS - 25-FT AROUND STRUCTURES): THESE AREAS ARE TYPICALLY ADJACENT TO INFLOW, OUTFALL STRUCTURES, MAINTENANCE AND ACCESS PATHS, AND OTHER AREAS THAT NEED TO BE REGULARLY INSPECTED. UP TO 25-FT FROM STRUCTURES MAY BE REGULARLY MAINTAINED. GRASSING WITHIN THIS DESIGNATED AREA SHALL BE ROUTINELY MOWED A MINIMUM OF SIX (6) TIMES A YEAR. ALL MAINTENANCE PATHS SHALL BE MOWED ROUTINELY AND MAINTAINED FOR MAINTENANCE VEHICLE INGRESS/EGRESS, AS WELL AS PEDESTRIAN ACCESSIBILITY. ALL LITER/LEAVES SHALL BE ROUTINELY REMOVED TO AVOID BUILD-UP OF ADVERSE IMPACTS ON SOIL PERMEABILITY CHARACTERISTICS.

ALL BASINS SHALL BE INSPECTED MONTHLY. MONTHLY DOCUMENTATION SHALL BE NOTED BASED UPON INSPECTION FINDINGS. EXOTIC INVASIVE PLANT SPECIES AND OTHER UNDESIRABLE VEGETATION AS DESIGNATED BY A REGISTERED LANDSCAPE ARCHITECT AND/OR ALACHUA COUNTY STAFF MAY BE REMOVED PERIODICALLY. ALL BASIN AREAS SHALL BE ROUTINELY INSPECTED, DEFICIENCIES, AND ACTIONS SHOULD BE NOTED, AND REPORTED TO THE OPERATION AND MAINTENANCE ENTITY.

REFER TO THE OPEN SPACE MANAGEMENT PLAN FOR ADDITIONAL MAINTENANCE AREA.

FUNCTION:

BASINS THAT DO NOT DRAWDOWN PROPERLY AND MAINTAIN STANDING WATER FOR AN EXTENDED PERIOD OF TIME MAY REQUIRE REMEDIAL ACTION. THE ENGINEER SHALL BE NOTIFIED TO HELP COORDINATE REMEDIAL ACTION IN THE EVENT IMPROPER RECOVERY IS NOTED.

SINKHOLE:

IF A SINKHOLE FORMS IN THE AREA OF A DRAINAGE SWALE/BASIN THE ENGINEER OF RECORD SHALL BE NOTIFIED BY EITHER THE CONTRACTOR OR THE ESTABLISHED OPERATION AND MAINTENANCE ENTITY. THE ENGINEER OF RECORD SHALL INSPECT THE REPAIRED AREA UPON COMPLETION OF THE REPAIR.

ALL SWALES/BASINS SHALL BE INSPECTED MONTHLY FOR SINKHOLE OCCURRENCE. SHOULD A SINKHOLE OCCUR, THE AREA SHALL BE REPAIRED AS SOON AS POSSIBLE. REPAIR SHALL INCLUDE FILLING (LIMEROCK SUCH AS ROAD BASE MATERIAL, CLAY/SAND MIXTURE, OR CONCRETE IF NECESSARY). A 3-FOOT DEEP CAP THAT EXTENDS 3 FEET BEYOND THE PERIMETER OF THE SINKHOLE SHALL BE CONSTRUCTED WITH CLAYEY SOILS. THE CLAYEY SOIL SHALL HAVE AT LEAST 20% PASSING THE NO. 200 SIEVE, COMPACTED TO 95% OF STANDARD PROCTOR, AND COMPACTED IN A WET CONDITION WITH MOISTURE 2% - 4% ABOVE OPTIMUM. THE CLAY SOIL CAP SHALL BE RE-GRADED TO PREVENT CONCENTRATION OF WATERS (PONDING) AND RE-VEGETATED.

TYPICAL INSTALLATION SEQUENCE FOR SILT-SAVER FRAME AND FILTER

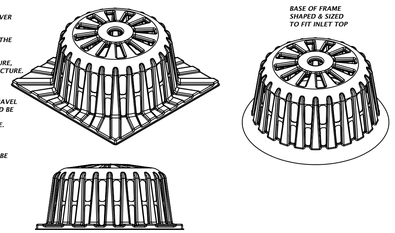
1. EXCAVATE APPROXIMATELY 4" TO 6" BELOW THE TOP OF THE INLET STRUCTURE.

2. PLACE THE FRAME ONTO THE INLET STRUCTURE, ENSURING PROPER SEATING OF FRAME TO STRUCTURE.

3. SLIDE THE FILTER OVER THE FRAME.

4. FILL THE FILTER POCKETS WITH SOIL, #57 GRAVEL OR EQUIVALENT. THE FILTER POCKETS SHOULD BE COMPLETELY FILLED TO ENSURE A GOOD SEAL BETWEEN THE GROUND AND INLET STRUCTURE.

5. BACK FILL AROUND THE FRAME AND FILTER ASSEMBLY IS NOT REQUIRED TO COMPLETE INSTALLATION; HOWEVER, BACK FILLING MAY BE NECESSARY TO COMPLETE EXCAVATION REQUIREMENTS FOR THE SITE.



SILT-SAVER DETAIL

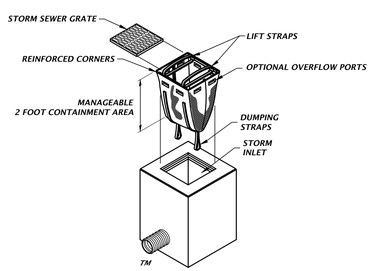
NTS

INSTALLATION:

REMOVE THE GRATE FROM INLET. IF USING OPTIONAL OIL ABSORBENTS; PLACE ABSORBENT PILLOW IN UNIT. STAND THE GRATE ON END. MOVE THE TOP LIFTING STRAPS OUT OF THE WAY AND PLACE THE GRATE INTO THE DANDY SACK™ SO THAT THE GRATE IS BELOW THE TOP STRAPS AND ABOVE THE LOWER STRAPS. HOLDING THE LIFTING DEVICES, INSERT THE GRATE INTO THE INLET.

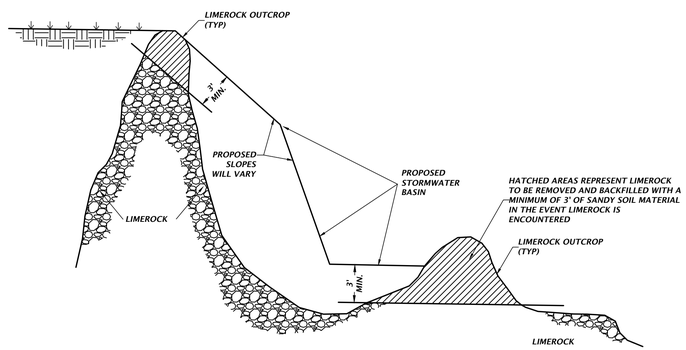
MAINTENANCE:

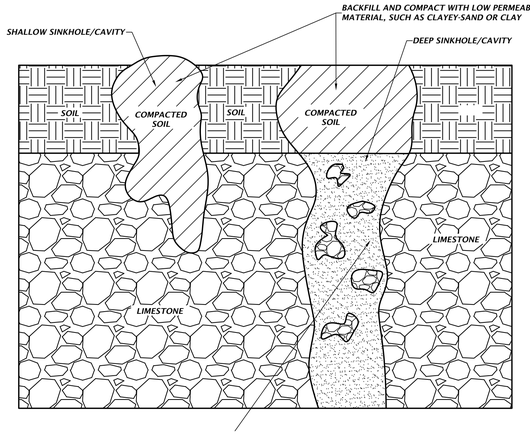
REMOVE ALL ACCUMULATED SEDIMENT AND DEBRIS FROM VICINITY OF UNIT AFTER EACH STORM EVENT. AFTER EACH STORM EVENT AND AT REGULAR INTERVALS, LOOK INTO THE DANDY SACK.™ IF THE CONTAINMENT AREA IS MORE THAN 1/3 FULL OF SEDIMENT, THE UNIT MUST BE EMPTIED. TO EMPTY UNIT, LIFT THE UNIT OUT OF THE INLET USING THE LIFTING STRAPS AND REMOVE THE GRATE. IF USING OPTIONAL OIL ABSORBENTS; REPLACE ABSORBENT WHEN NEAR SATURATION.



DANDY SACK DETAIL

NTS





LIMEROCK OUTCROP REMOVAL DETAIL

NTS

11801 Research Drive
Alachua, FL 32615
(352) 331-1976
www.chw-inc.com
est. 1988 FLORIDA CA-0075
CHW Professional Consultants

SCALE: N/A

VERIFY SCALE BAR IS CORRECT FOR PLOTTED DRAWING

IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
06-15-23 30% SUBMITTAL
09-15-23 ALACHUA COUNTY SUBMITTAL
10-30-23 ALACHUA COUNTY
11-08-23 SJRWMD RE-SUBMITTAL
11-22-23 SJRWMD & GNU RESUBMITTAL

CLIENT: UF HEALTH SHANDS HOSPITAL

PROJECT: FLORIDA RECOVERY CENTER AT UF HEALTH SANTA FE VILLAGE TOD PHASE - 1

SHEET TITLE: CONSTRUCTION DETAILS

TECHNICIAN: KTM
DESIGNER:
QUALITY CONTROL: R.O.
PROJECT NUMBER: 21-0340.02

RANDALL SCOTT OLNEY

Randall Scott Olney, P.E.
State of Florida, Professional Engineer, License No. 68382

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SHEET NO: C2.31

Font: Kaput Half Book Nov 21,2003 10:17am Filename: K:\2020\21-0340\Department\04_Engineering\08_Survey\Production Files\21-0340_09.dwg

SANITARY SEWER STRUCTURE TABLE

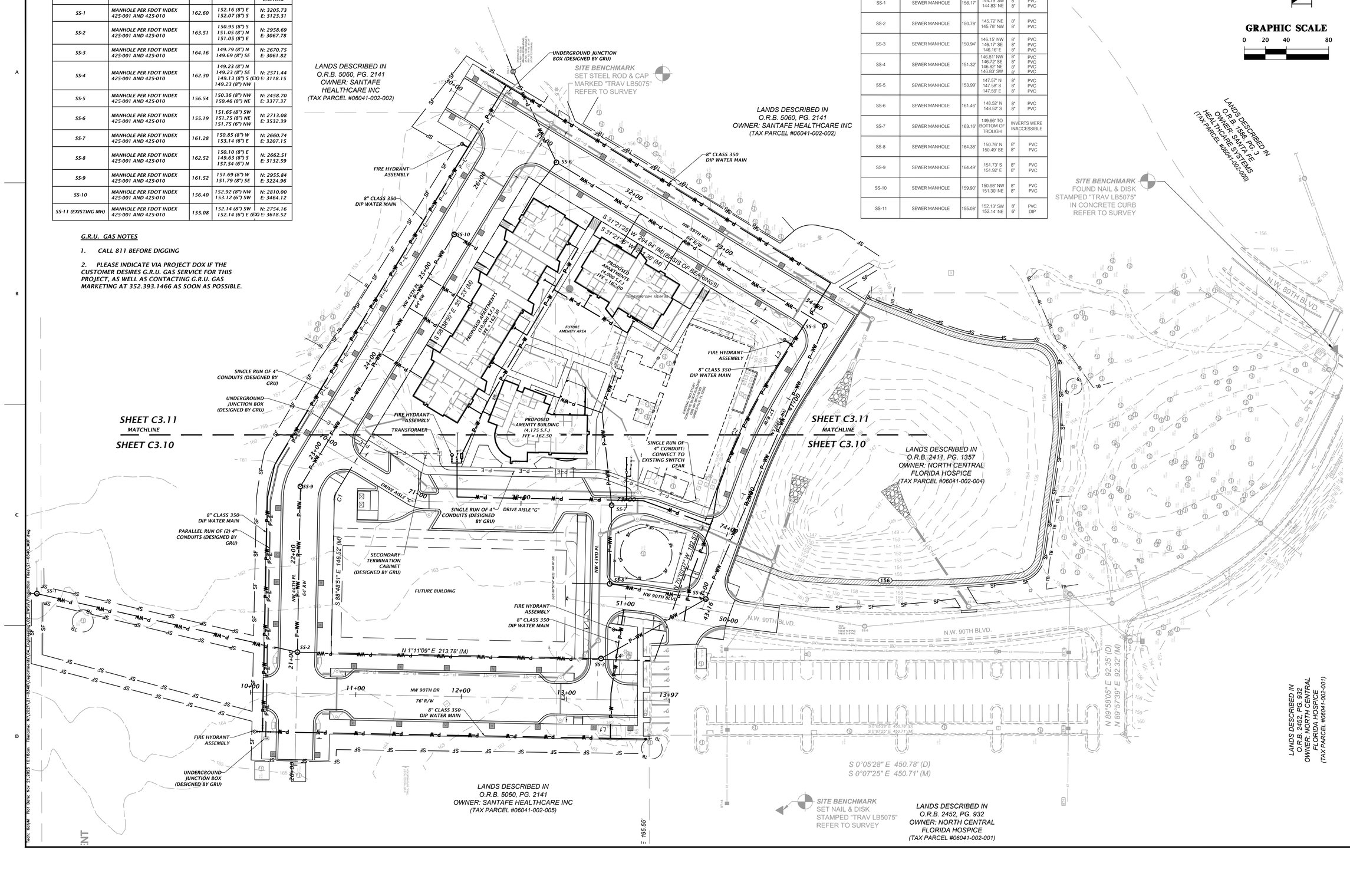
STRUCTURE NAME:	STRUCTURE TYPE	TOP	INVERT ELEV	NORTHING & EASTING
SS-1	MANHOLE PER FDOT INDEX 425-001 AND 425-010	162.60	152.16 (8") E 152.07 (8") S	N: 3205.73 E: 3123.31
SS-2	MANHOLE PER FDOT INDEX 425-001 AND 425-010	163.51	150.95 (8") S 151.05 (8") N 151.05 (8") E	N: 2958.69 E: 3067.78
SS-3	MANHOLE PER FDOT INDEX 425-001 AND 425-010	164.16	149.79 (8") N 149.69 (8") SE	N: 2670.75 E: 3061.82
SS-4	MANHOLE PER FDOT INDEX 425-001 AND 425-010	162.30	149.23 (8") N 149.23 (8") SE 149.13 (8") S (EX) 149.23 (8") NW	N: 2571.44 E: 3118.15
SS-5	MANHOLE PER FDOT INDEX 425-001 AND 425-010	156.54	150.36 (8") NW 150.46 (8") NE	N: 2458.70 E: 3377.37
SS-6	MANHOLE PER FDOT INDEX 425-001 AND 425-010	155.19	151.65 (8") SW 151.75 (8") NE 151.75 (6") NW	N: 2713.08 E: 3532.39
SS-7	MANHOLE PER FDOT INDEX 425-001 AND 425-010	161.28	150.85 (8") W 153.14 (6") E	N: 2660.74 E: 3207.15
SS-8	MANHOLE PER FDOT INDEX 425-001 AND 425-010	162.52	150.10 (8") E 149.63 (8") S 157.54 (6") N	N: 2662.51 E: 3132.59
SS-9	MANHOLE PER FDOT INDEX 425-001 AND 425-010	161.52	151.69 (8") W 151.79 (8") SE	N: 2955.84 E: 3224.96
SS-10	MANHOLE PER FDOT INDEX 425-001 AND 425-010	156.40	152.92 (8") NW 153.12 (6") SW	N: 2810.00 E: 3464.12
SS-11 (EXISTING MH)	MANHOLE PER FDOT INDEX 425-001 AND 425-010	155.08	152.14 (6") E (EX) 152.14 (6") E	N: 2754.16 E: 3618.52

EXISTING SANITARY STRUCTURE TABLE

STRUCTURE	STRUCTURE TYPE	TOP	INVERT	SIZE	MATERIAL
SS-1	SEWER MANHOLE	156.17'	144.79' SW 144.83' NE	8" 8"	PVC PVC
SS-2	SEWER MANHOLE	150.78'	145.72' NE 145.78' NW	8" 8"	PVC PVC
SS-3	SEWER MANHOLE	150.94'	146.15' NW 146.17' SE 146.16' E	8" 8" 8"	PVC PVC PVC
SS-4	SEWER MANHOLE	151.32'	146.81' NW 146.72' SE 146.82' NE 146.83' SW	8" 8" 8" 8"	PVC PVC PVC PVC
SS-5	SEWER MANHOLE	153.99'	147.57' N 147.58' S 147.59' E	8" 8" 8"	PVC PVC PVC
SS-6	SEWER MANHOLE	161.46'	148.52' N 148.52' S	8" 8"	PVC PVC
SS-7	SEWER MANHOLE	163.16'	149.66' TO BOTTOM OF TROUGH	INVERTS WERE INACCESSIBLE	
SS-8	SEWER MANHOLE	164.38'	150.76' N 150.49' SE	8" 8"	PVC PVC
SS-9	SEWER MANHOLE	164.49'	151.73' S 151.92' E	8" 8"	PVC PVC
SS-10	SEWER MANHOLE	159.90'	150.98' NW 151.30' NE	8" 8"	PVC PVC
SS-11	SEWER MANHOLE	155.08'	152.13' SW 152.14' NE	8" 6"	PVC DIP

G.R.U. GAS NOTES

1. CALL 811 BEFORE DIGGING
2. PLEASE INDICATE VIA PROJECT DOX IF THE CUSTOMER DESIRES G.R.U. GAS SERVICE FOR THIS PROJECT, AS WELL AS CONTACTING G.R.U. GAS MARKETING AT 352.393.1466 AS SOON AS POSSIBLE.



GRAPHIC SCALE
0 20 40 80

11801 Research Drive
Alachua, FL 32615
(352) 331-1976
www.chw-inc.com
est. 1988 FLORIDA CA-5075
CHW Professional Consultants

SCALE: 1"=40'
VERIFY SCALE BAR IS CORRECT FOR DRAWING UNITS.
IF NOT ONE INCH ON THIS SHEET ADJUST SCALES ACCORDINGLY.

SUBMITTALS:
09-19-23: 1ST PDN. SUBMITTAL
10-19-23: ALACHUA COUNTY SUBMITTAL
10-36-23: ALACHUA COUNTY
11-08-23: SJRWMD RE-SUBMITTAL
11-22-23: SJRWMD & GAU RESUBMITTAL

CLIENT: UF HEALTH SHANDS HOSPITAL

PROJECT: FLORIDA RECOVERY CENTER AT UF HEALTH SANTA FE VILLAGE TOD PHASE - 1

SHEET TITLE: MASTER UTILITY PLAN

TECHNICIAN: KTM
DESIGNER: CAL
QUALITY CONTROL: R.O.
PROJECT NUMBER: 21-0340.02

RANDALL SCOTT OLNEY

Randall Scott Olney, P.E.
State of Florida, Professional Engineer, License No. 68382

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FL PE No. 68382

SHEET NO.: C3.00

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GRAPHIC SCALE
0 10 20 40

PROPOSED AMENITY BUILDING (4,175 S.F.) FFE = 162.50

SHEET C3.11 MATCHLINE

SHEET C3.10

DRIVE AISLE "G"

NW 44TH PL
64' R/W

NW 43RD PL

NW 90TH BLVD

NW 90TH DR
76' R/W

FUTURE BUILDING

N.W. 90TH BLVD.

PROPOSED FIRE LINE (DESIGNED BY OTHERS)

PROPOSED TRANSFORMER

2" PE TYP.

1.5" MASTER METER AND RPZ (END GRU MAINTENANCE)

REDUCE PRESSURE BACKFLOW PREVENTOR (DESIGNED BY OTHERS)

RELOCATED EXISTING BACKFLOW PREVENTER

RELOCATED EXISTING WATER METER (END GRU MAINTENANCE)

CONNECT TO EXISTING WATER SERVICE AT BUILDING

6" FIRE LINE (DESIGNED BY OTHERS)

6" DOUBLE CHECK DETECTOR ASSEMBLY (END GRU MAINTENANCE)

6" FIRE LINE (DESIGNED BY OTHERS)

1 - 6"X6"X6" MECHANICALLY RESTRAINED TEE

8"X6" REDUCER

1 - 6"X6"X6" CROSS
3 - 6" GATE VALVE
1 - FIRE HYDRANT
1 - 6" CAP WITH 2" TAP

8" CLASS 350 DIP WATER MAIN

SEE SHEET C3.42 FOR VERTICAL SEPARATION

8" DIP 90° BEND

4" MIN.

89'6" PVC @ 2.00%

283'8" PVC @ 0.40%

11.25° 8" BEND

424+00

1 - 8" MECHANICALLY RESTRAINED TEE
3 - 8" GATE VALVES

1 - 8"X8"X6" MECHANICALLY RESTRAINED TEE
2 - 8" GATE VALVES
1 - 6" GATE VALVE

GENERAL NOTE:
REFER TO WASTEWATER PLAN PROFILE SHEETS C3.40 - C3.47 FOR UTILITY CROSSING VERTICAL SEPARATIONS

93'8" PVC @ 0.44%

N 72°03'37" W 182.57'

22.5° 8" BEND

11.5° 8" BEND

281'8" PVC @ 0.40%

158'8" PVC @ 0.40%

(2) 4" CONDUITS (DESIGNED BY OTHERS)

8" CLASS 350 DIP WATER MAIN

7.50' MIN.

3' MIN.

254'8" PVC @ 0.40%

S 88°48'51" E 146.52' (M)

N 1°11'09" E 213.78' (M)

288'8" PVC @ 0.40%

15'

36'6" PVC @ 7.00%

75'8" PVC @ 7.00%

SS CO 1
RIM EL=163.50'
INV EL=160.00 (S)

SS CO 2
RIM EL=161.80'
INV EL=154.30 (W)
INV EL=155.00 (E)
INV EL=155.10 (N)

CAP EXISTING WATER LINE

1- 8"X8" WET TAP AND VALVE BY GRU
CONNECT PROPOSED 8" FLEX RING DIP WATER MAIN
EXCAVATION, MOT, BACKFILL, AND RESTORATION
SHALL BE PERFORMED BY CONTRACTOR.

PROPOSED FIRE HYDRANT ASSEMBLY

115'8" PVC @ 0.40%

EXISTING WM

152' EXISTING 8" PVC @ 0.40%

1- 8"X8" WET TAP AND VALVE BY GRU
CONNECT PROPOSED 8" FLEX RING DIP WATER MAIN
EXCAVATION, MOT, BACKFILL, AND RESTORATION
SHALL BE PERFORMED BY CONTRACTOR.

11.25° 8" DIP BEND

8" CLASS 350 DIP WATER MAIN

1 - 8" VALVE
1- 3" BLOW OFF

1 - 8"X8"X6" TEE
3 - 8" GATE VALVES

PROP. FIRE HYDRANT ASSEMBLY
1 - 8" MECHANICALLY RESTRAINED TEE
3 - 8" GATE VALVES

UJB (DESIGNED BY OTHERS)

8"x8" WOOD POST ◁ TRAIL INFORMATION

EX CONC. 43L GAIN

SANITARY SEWER STRUCTURE TABLE

STRUCTURE NAME:	STRUCTURE TYPE	TOP	INVERT ELEV	NORTHING & EASTING
SS-1	MANHOLE PER FDOT INDEX 425-001 AND 425-010	162.60	152.16 (8") E 152.07 (8") S	N: 3205.73 E: 3123.31
SS-2	MANHOLE PER FDOT INDEX 425-001 AND 425-010	163.51	150.95 (8") S 151.05 (8") N 151.05 (8") E	N: 2958.69 E: 3067.78
SS-3	MANHOLE PER FDOT INDEX 425-001 AND 425-010	164.16	149.79 (8") N 149.69 (8") SE	N: 2670.75 E: 3061.82
SS-4	MANHOLE PER FDOT INDEX 425-001 AND 425-010	162.30	149.23 (8") N 149.23 (8") SE 149.13 (8") S (EX) 149.23 (8") NW	N: 2571.44 E: 3118.15
SS-5	MANHOLE PER FDOT INDEX 425-001 AND 425-010	156.54	150.36 (8") NW 150.46 (8") NE	N: 2458.70 E: 3377.37
SS-6	MANHOLE PER FDOT INDEX 425-001 AND 425-010	155.19	151.65 (8") SW 151.75 (8") NE 151.75 (6") NW	N: 2713.08 E: 3532.39
SS-7	MANHOLE PER FDOT INDEX 425-001 AND 425-010	161.28	150.85 (8") W 153.14 (6") E	N: 2660.74 E: 3207.15
SS-8	MANHOLE PER FDOT INDEX 425-001 AND 425-010	162.52	150.10 (8") E 149.63 (8") S 157.54 (6") N	N: 2662.51 E: 3132.59
SS-9	MANHOLE PER FDOT INDEX 425-001 AND 425-010	161.52	151.69 (8") W 151.79 (8") SE	N: 2955.84 E: 3224.96
SS-10	MANHOLE PER FDOT INDEX 425-001 AND 425-010	156.40	152.92 (8") NW 153.12 (6") SW	N: 2810.00 E: 3464.12
SS-11 (EXISTING MH)	MANHOLE PER FDOT INDEX 425-001 AND 425-010	155.08	152.14 (8") SW 152.14 (6") E (EX)	N: 2754.16 E: 3618.52

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SCALE: 1"=20'

VERIFY SCALE
BAR IS 1 INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET ADJUST SCALES ACCORDINGLY.

CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
09-15-23: 30% SUBMITTAL
09-29-23: ALACHUA COUNTY SUBMITTAL
10-30-23: ALACHUA COUNTY
11-08-23: SJRWMD RE-SUBMITTAL
11-22-23: SJRWMD & GRU RESUBMITTAL

CLIENT: UF HEALTH SHANDS HOSPITAL

PROJECT: FLORIDA RECOVERY CENTER AT UF HEALTH SANTA FE VILLAGE TOD PHASE - 1

SHEET TITLE: DETAILED UTILITY PLAN

TECHNICIAN: KTM
DESIGNER:
CHECKED:
QUALITY CONTROL: R.O.
PROJECT NUMBER: 21-0340.02

RANDALL SCOTT OLNEY

Randall Scott Olney, P.E.
State of Florida, Professional Engineer, License No. 68382

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SHEET NO: C3.10

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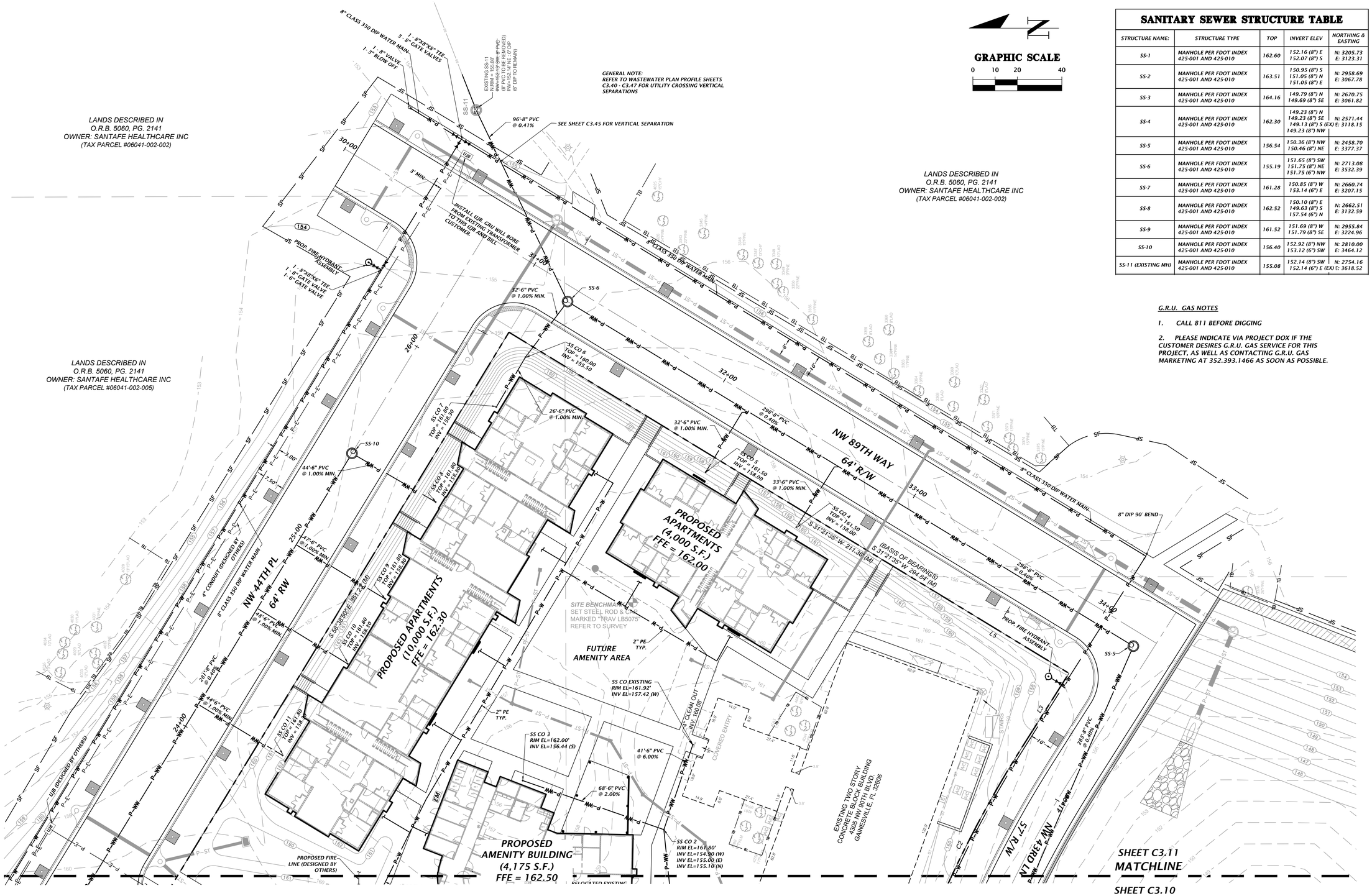

SANITARY SEWER STRUCTURE TABLE

STRUCTURE NAME:	STRUCTURE TYPE	TOP	INVERT ELEV	NORTHING & EASTING
SS-1	MANHOLE PER FDOT INDEX 425-001 AND 425-010	162.60	152.16 (8") E 152.07 (8") S	N: 3205.73 E: 3123.31
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SS-3	MANHOLE PER FDOT INDEX 425-001 AND 425-010	164.16	149.79 (8") N 149.69 (8") SE	N: 2670.75 E: 3061.82
SS-4	MANHOLE PER FDOT INDEX 425-001 AND 425-010	162.30	149.23 (8") N 149.23 (8") SE 149.13 (8") S (EX) 149.23 (8") NW	N: 2571.44 E: 3118.15
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SS-6	MANHOLE PER FDOT INDEX 425-001 AND 425-010	155.19	151.65 (8") SW 151.75 (8") NE 151.75 (6") NW	N: 2713.08 E: 3532.39
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SS-10	MANHOLE PER FDOT INDEX 425-001 AND 425-010	156.40	152.92 (8") NW 153.12 (6") SW	N: 2810.00 E: 3464.12
SS-11 (EXISTING MH)	MANHOLE PER FDOT INDEX 425-001 AND 425-010	155.08	152.14 (8") SW 152.14 (6") E (EX)	N: 2754.16 E: 3618.52

G.R.U. GAS NOTES

1. CALL 811 BEFORE DIGGING
2. PLEASE INDICATE VIA PROJECT DOX IF THE CUSTOMER DESIRES G.R.U. GAS SERVICE FOR THIS PROJECT, AS WELL AS CONTACTING G.R.U. GAS MARKETING AT 352.393.1466 AS SOON AS POSSIBLE.

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CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
08-18-23: 70% SUBMITTAL
09-19-23: ALACHUA COUNTY SUBMITTAL
10-30-23: ALACHUA COUNTY
11-08-23: SJRWMD RESUBMITTAL
11-22-23: SJRWMD & GRU RESUBMITTAL

CLIENT: UF HEALTH SHANDS HOSPITAL

PROJECT: FLORIDA RECOVERY CENTER AT UF HEALTH SANTA FE VILLAGE TOD PHASE - 1

SHEET TITLE: DETAILED UTILITY PLAN

TECHNICIAN: KTM
DESIGNER: CM
QUALITY CONTROL: R.O.
PROJECT NUMBER: 21-0340.02

RANDALL SCOTT OLNEY

Randall Scott Olney, P.E. State of Florida, Professional Engineer, License No. 68382

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Date: 2023.11.27 10:19:43 -05'00'

FL PE No. 68382

SHEET NO.: C3.11

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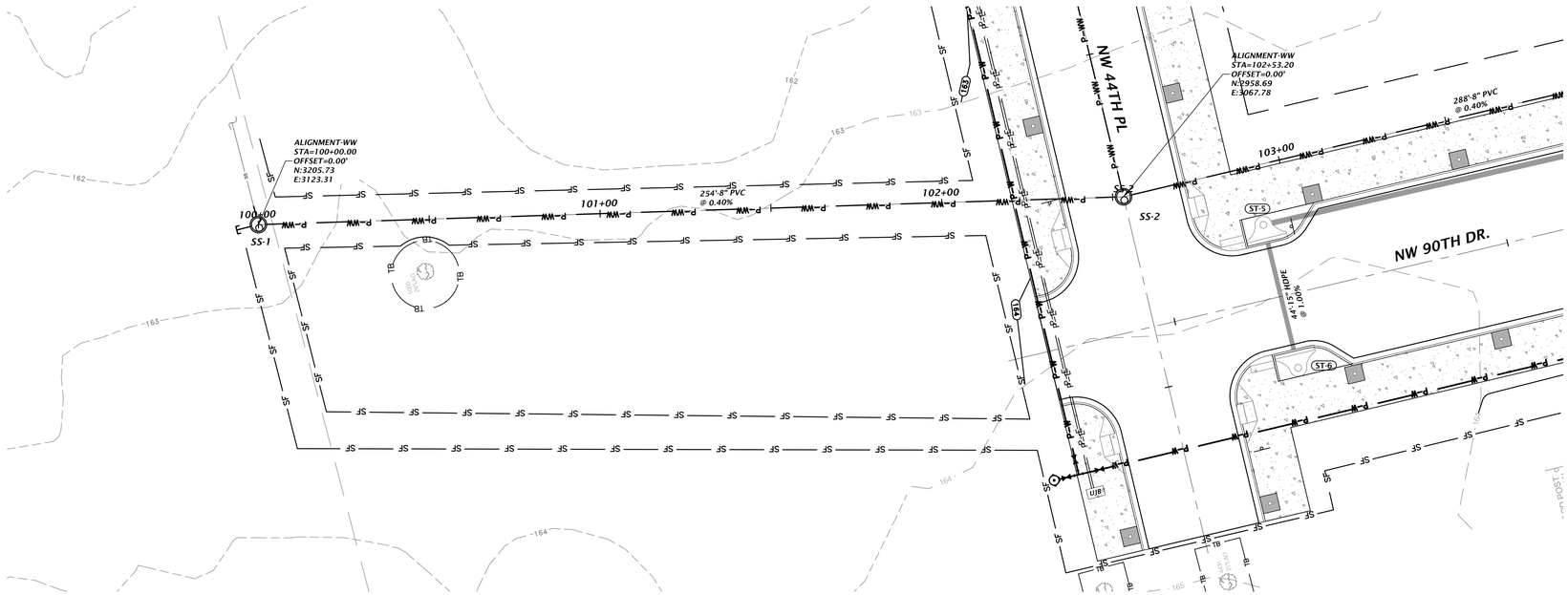

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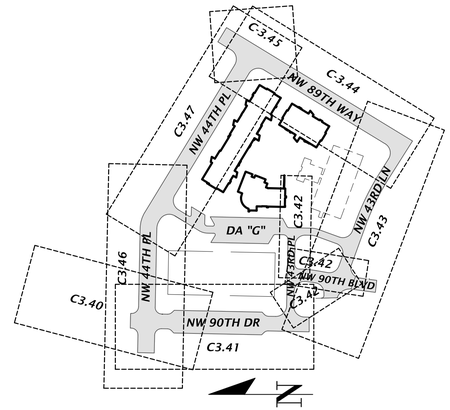
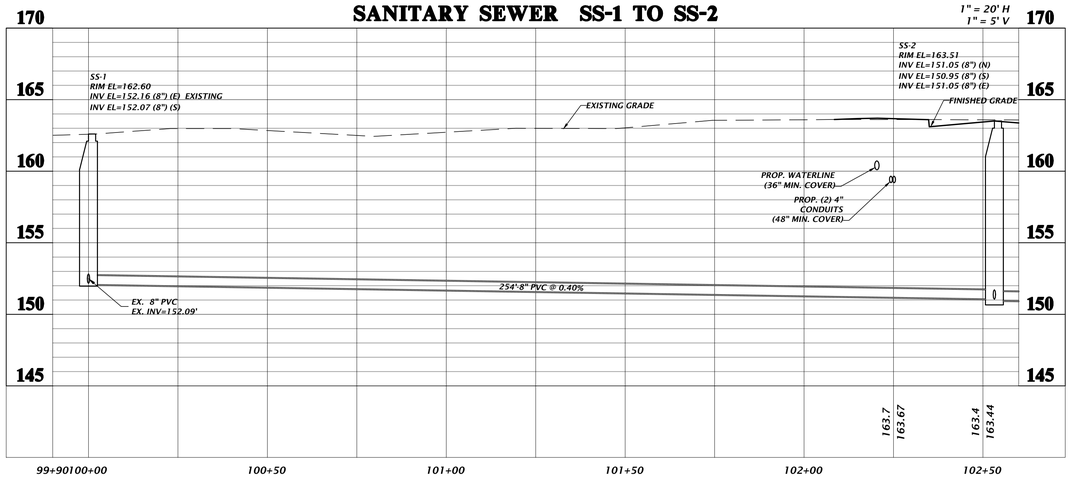


SANITARY SEWER SS-1 TO SS-2

1" = 20' H
1" = 5' V



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SCALE: 1"=20'

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CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
05-19-23: 30% SUBMITTAL
09-15-23: ALACHUA COUNTY SUBMITTAL
10-30-23: ALACHUA COUNTY
11-08-23: SJRWMD RE-SUBMITTAL
11-22-23: SJRWMD & GRU RESUBMITTAL

CLIENT: UF HEALTH SHANDS HOSPITAL

PROJECT: FLORIDA RECOVERY CENTER AT UF HEALTH SANTA FE VILLAGE TOD PHASE - I

SHEET TITLE: WASTEWATER PLAN AND PROFILE

TECHNICIAN: KTM
DESIGNER: CMH
QUALITY CONTROL: R.O.
PROJECT NUMBER: 21-0340.02

RANDALL SCOTT OLNEY

Randall Scott Olney, P.E.
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SHEET NO.:
C3.40

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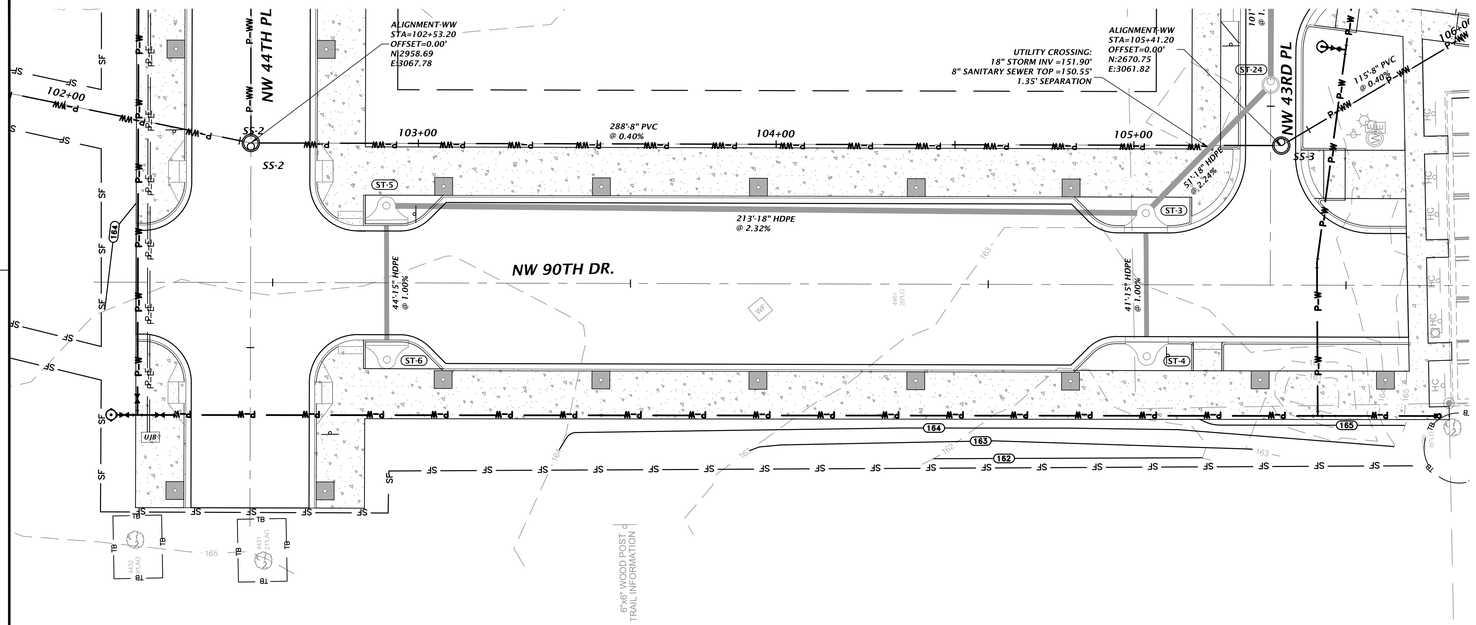
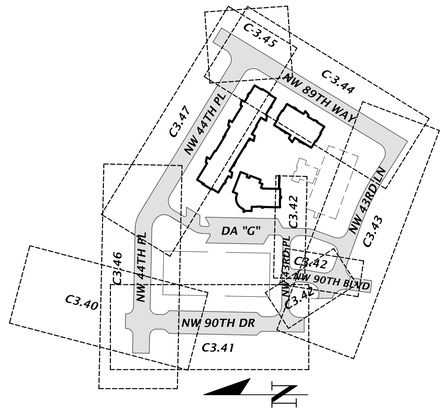
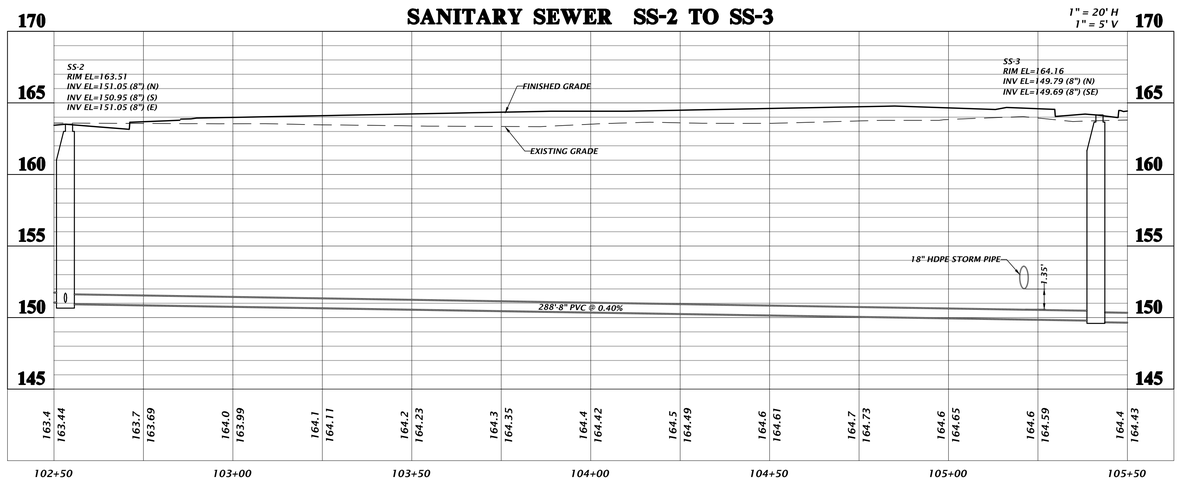




SANITARY SEWER SS-2 TO SS-3

1" = 20' H
1" = 5' V



GRAPHIC SCALE
0 10 20 40

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CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
05-19-23: 30% SUBMITTAL
09-15-23: ALACHUA COUNTY SUBMITTAL
10-30-23: ALACHUA COUNTY
11-08-23: SJRWMD RE-SUBMITTAL
11-22-23: SJRWMD & GRU RESUBMITTAL

CLIENT: UF HEALTH SHANDS HOSPITAL

PROJECT: FLORIDA RECOVERY CENTER AT UF HEALTH SANTA FE VILLAGE TOD PHASE - I

SHEET TITLE: WASTEWATER PLAN AND PROFILE

TECHNICIAN: KTM
DESIGNER:
CHK:
QUALITY CONTROL:
R.O.

PROJECT NUMBER: 21-0340.02

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SHEET NO.:
C3.41

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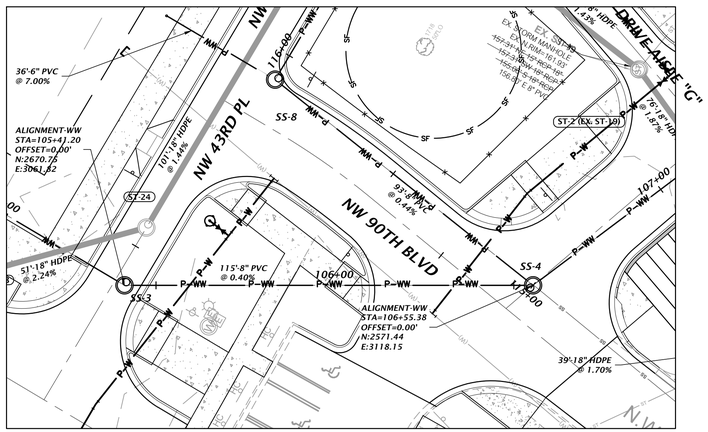

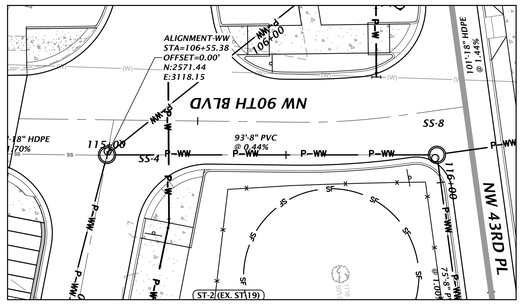

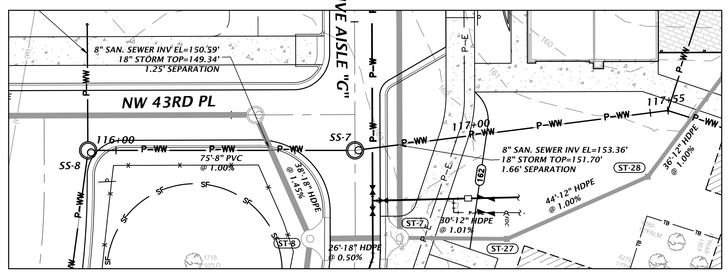

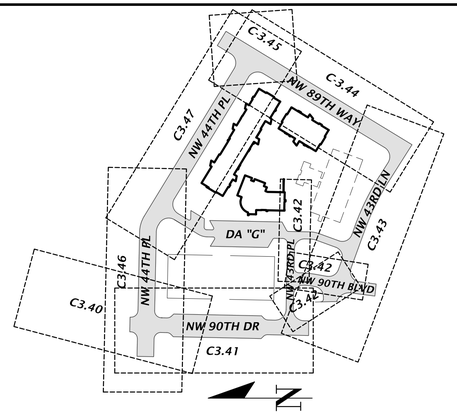

SAN. SEWER SS-3 TO SS-4

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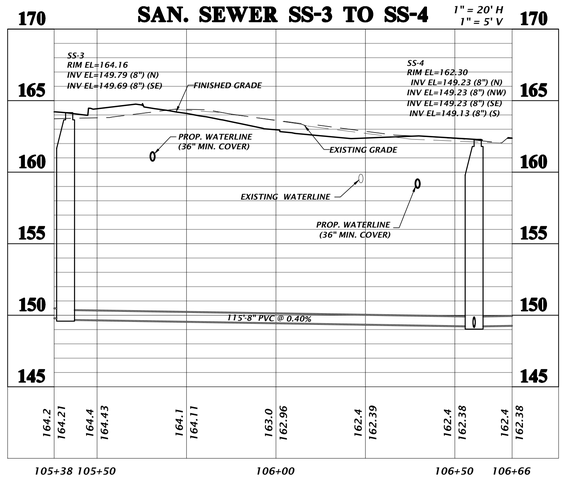
1" = 5' V



SEWER SS-4 TO SS-8

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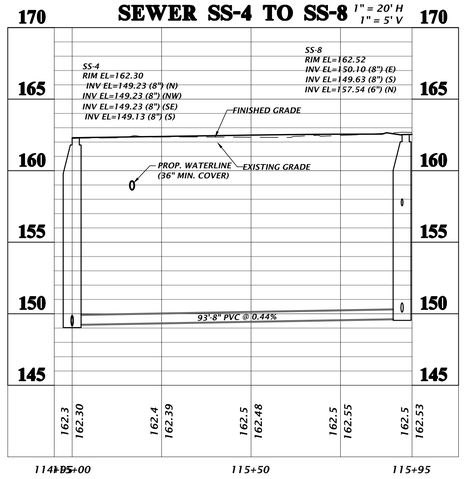
1" = 5' V



SANITARY SEWER SS-8 TO SS-7

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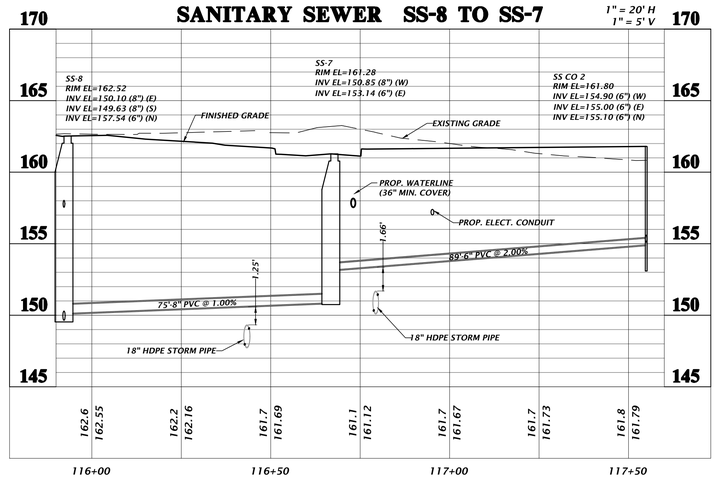
1" = 5' V



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CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
05-19-23: 30% SUBMITTAL
09-12-23: ALACHUA COUNTY SUBMITTAL
10-30-23: ALACHUA COUNTY
11-08-23: SJRWMD RE-SUBMITTAL
11-22-23: SJRWMD & GRU RESUBMITTAL

CLIENT: UF HEALTH SHANDS HOSPITAL

PROJECT: FLORIDA RECOVERY CENTER AT UF HEALTH SANTA FE VILLAGE TOD PHASE - I

SHEET TITLE: WASTEWATER PLAN AND PROFILE

TECHNICIAN: KTM
DESIGNER:
CHK:
QUALITY CONTROL:
R.O.

PROJECT NUMBER: 21-0340.02

RANDALL SCOTT OLNEY

Randall Scott Olney, P.E.
State of Florida, Professional Engineer, License No. 68382

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SHEET NO.: C3.42

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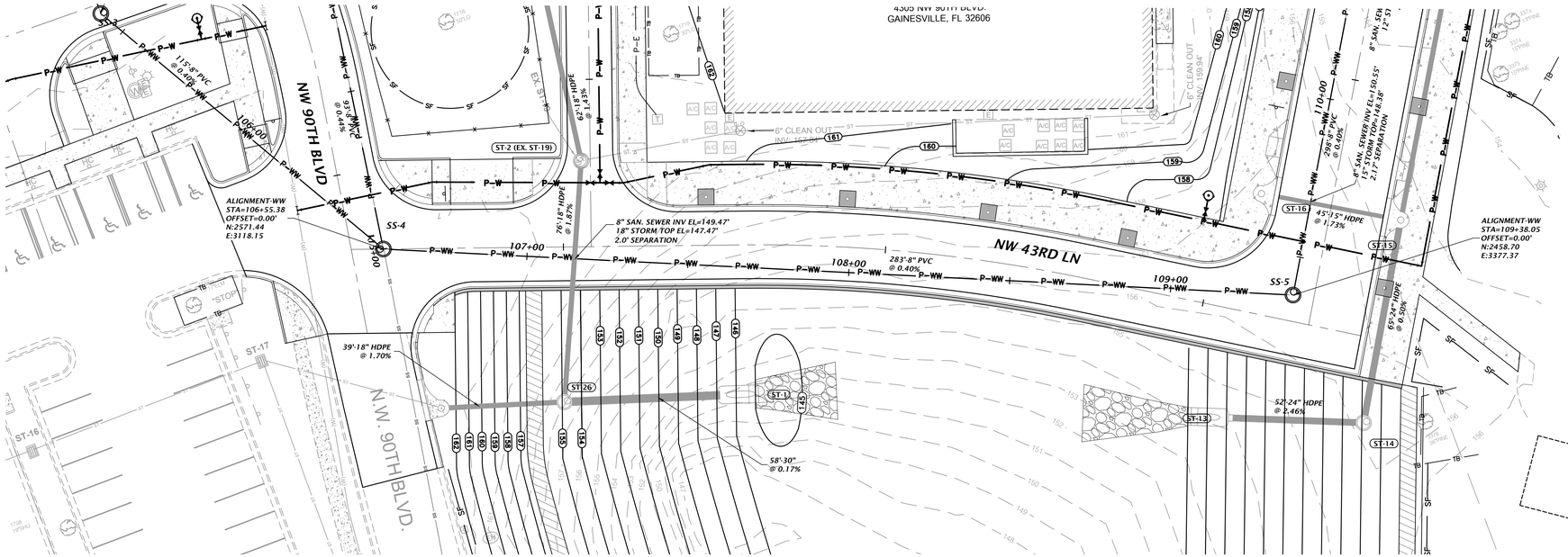

SANITARY SEWER SS-4 TO SS-5

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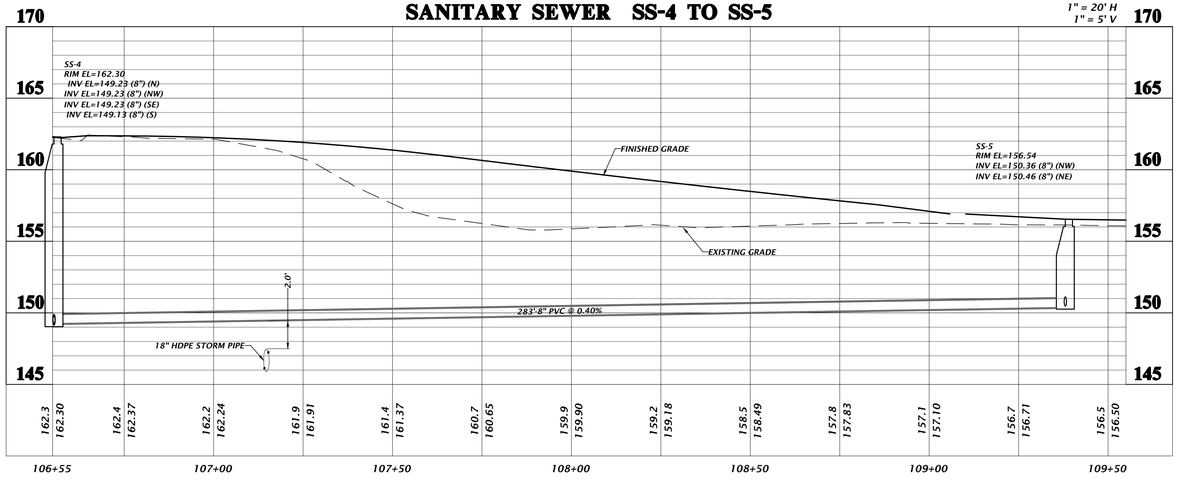
1" = 5' V



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CLIENT: UF HEALTH SHANDS HOSPITAL

PROJECT: FLORIDA RECOVERY CENTER AT UF HEALTH SANTA FE VILLAGE TOD PHASE - I

SHEET TITLE: WASTEWATER PLAN AND PROFILE

TECHNICIAN: KTM
DESIGNER:
CHECKED:
QUALITY CONTROL: R.O.
PROJECT NUMBER: 21-0340.02

RANDALL SCOTT OLNEY

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FL PE No. 68382

SHEET NO.:
C3.43

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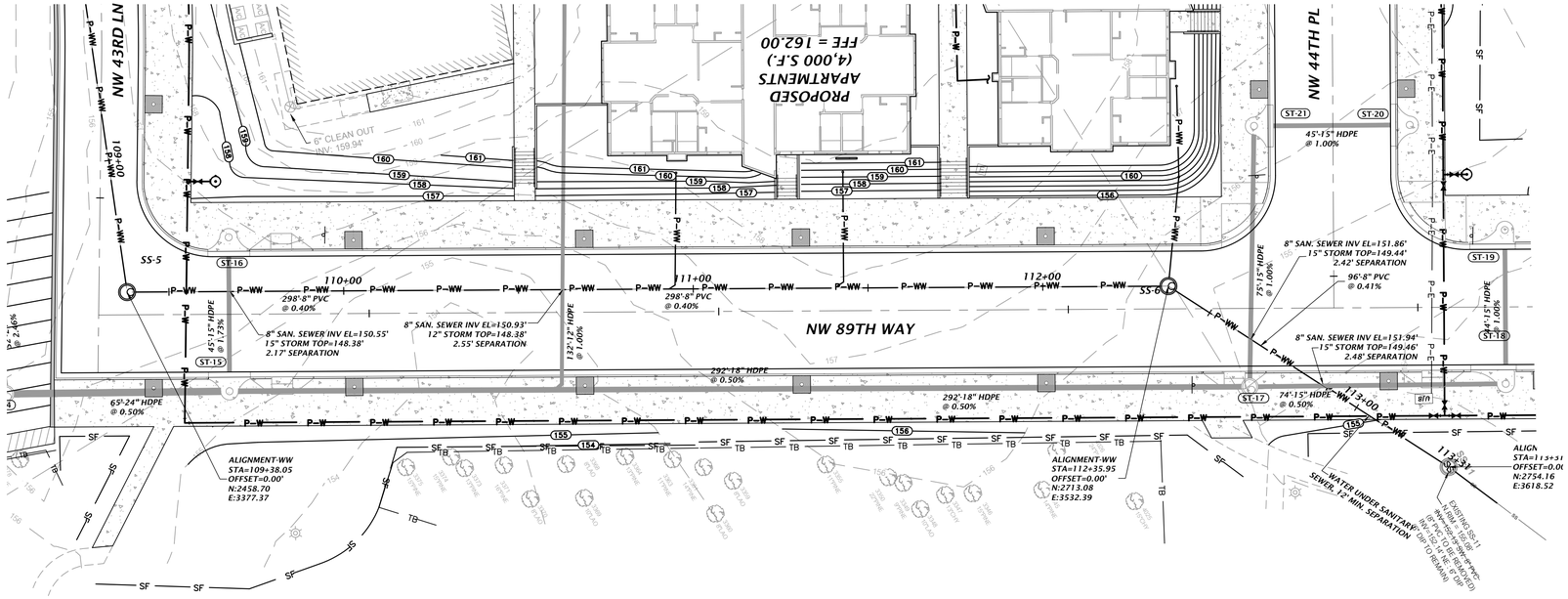
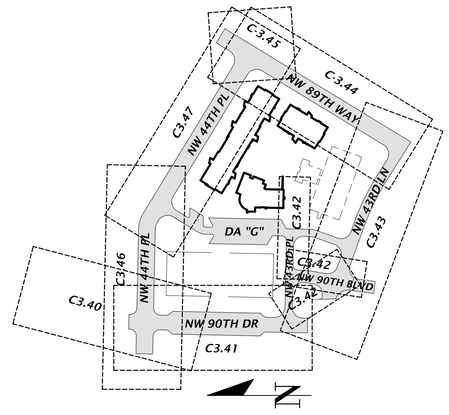
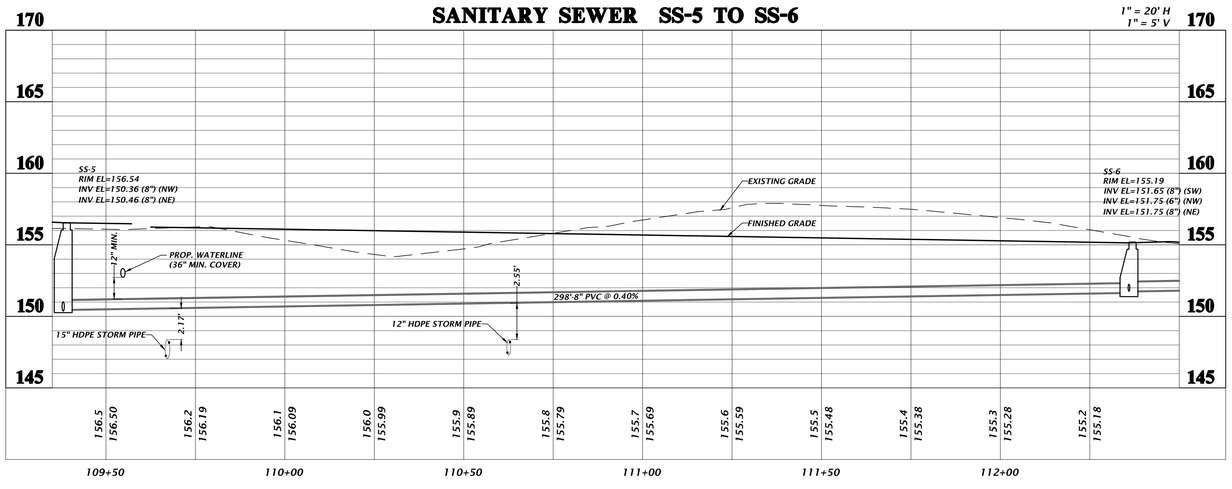




SANITARY SEWER SS-5 TO SS-6

1" = 20' H
1" = 5' V



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SCALE: 1"=20'
VERIFY SCALE BAR IS CORRECT FOR PLAN DRAWING
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CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
05-19-23: 30% SUBMITTAL
09-15-23: ALACHUA COUNTY SUBMITTAL
10-30-23: ALACHUA COUNTY
11-08-23: SJRWMD RE-SUBMITTAL
11-22-23: SJRWMD & GRU RESUBMITTAL

CLIENT: UF HEALTH SHANDS HOSPITAL

PROJECT: FLORIDA RECOVERY CENTER AT UF HEALTH SANTA FE VILLAGE TOD PHASE - I

SHEET TITLE: WASTEWATER PLAN AND PROFILE

TECHNICIAN: KTM
DESIGNER: CH
QUALITY CONTROL: R.O.
PROJECT NUMBER: 21-0340.02

RANDALL SCOTT OLNEY

Randall Scott Olney, P.E.
State of Florida, Professional Engineer, License No. 68382

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SHEET NO.: C3.44

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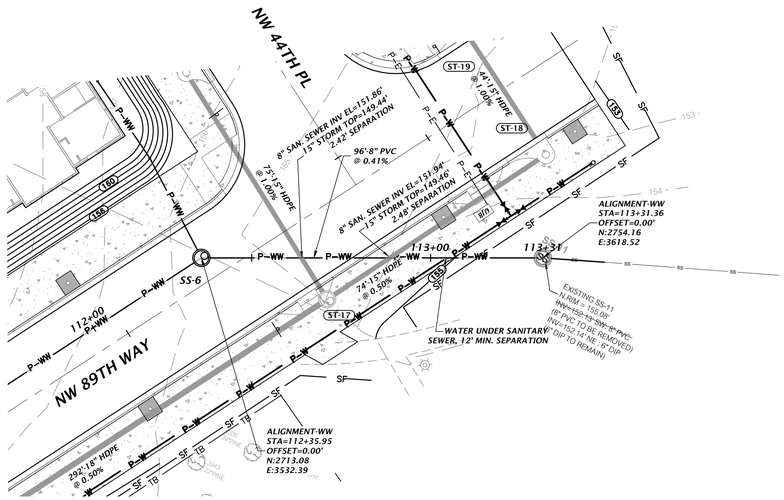

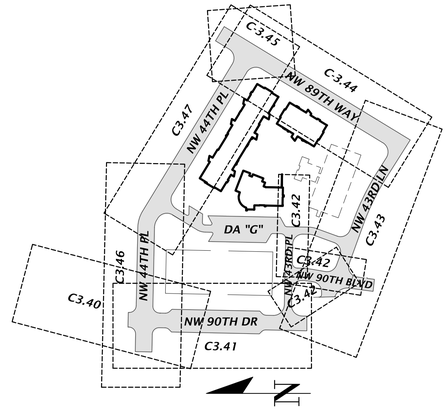

GRAPHIC SCALE
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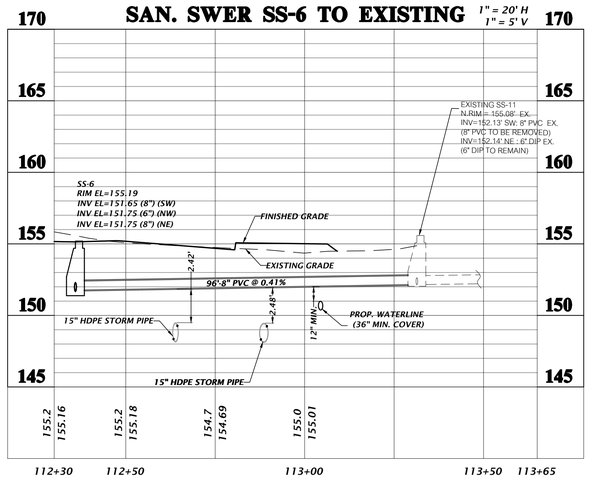

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SCALE: 1"=20'

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CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
05-19-23: 30% SUBMITTAL
09-15-23: ALACHUA COUNTY SUBMITTAL
10-30-23: ALACHUA COUNTY
11-08-23: SJRWMD RE-SUBMITTAL
11-22-23: SJRWMD & GRU RESUBMITTAL

CLIENT: UF HEALTH SHANDS HOSPITAL

PROJECT: FLORIDA RECOVERY CENTER AT UF HEALTH SANTA FE VILLAGE TOD PHASE - I

SHEET TITLE: WASTEWATER PLAN AND PROFILE

TECHNICIAN: KTM
DESIGNER: CH
QUALITY CONTROL: R.O.
PROJECT NUMBER: 21-0340.02

RANDALL SCOTT OLNEY

Randall Scott Olney, P.E.
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SHEET NO.:
C3.45

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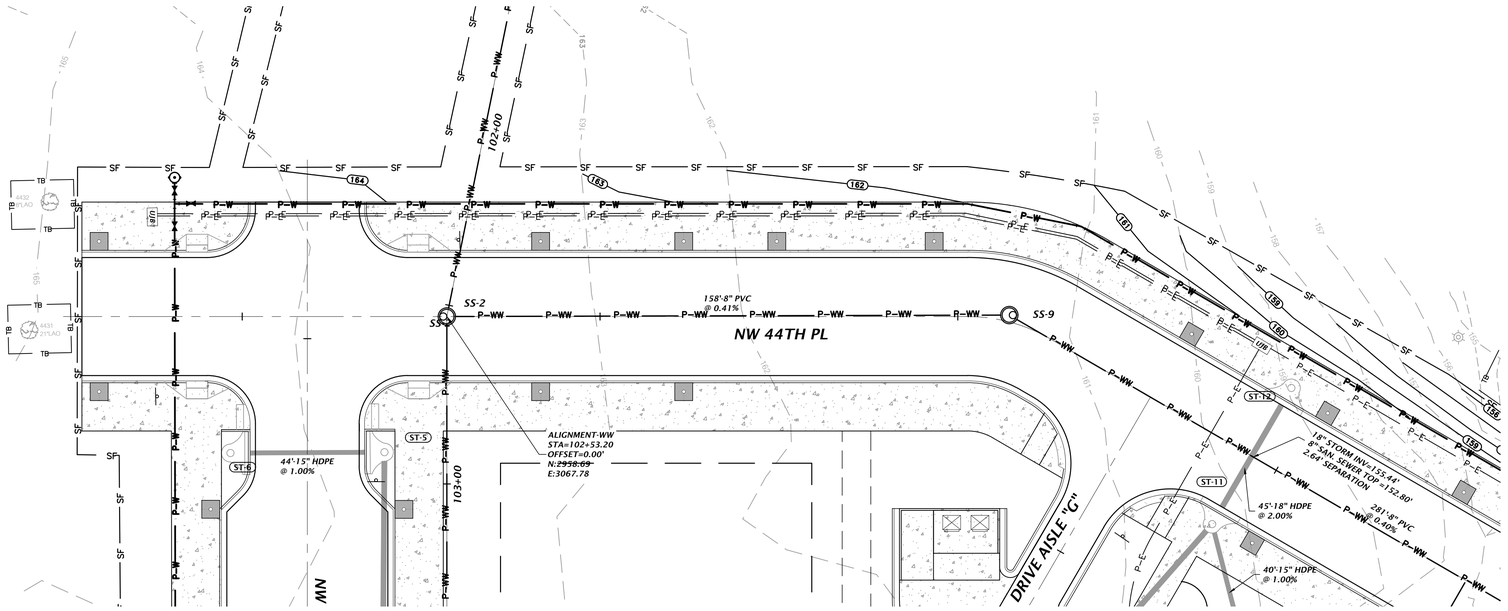

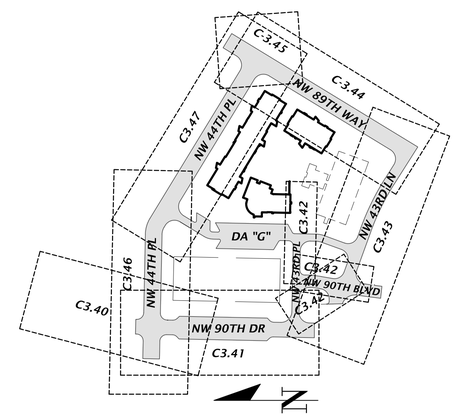

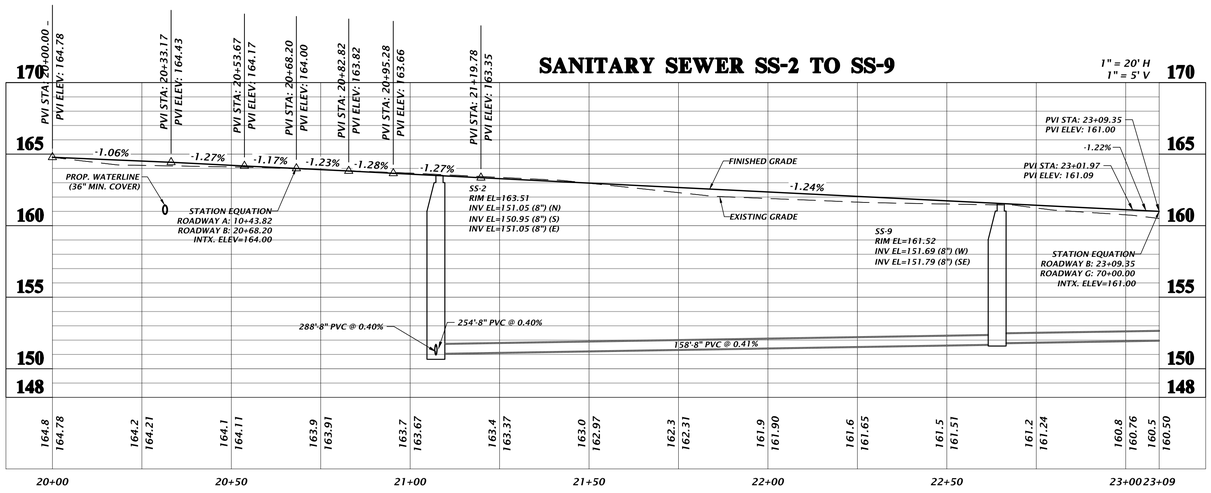

GRAPHIC SCALE
0 10 20 40

N

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CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
05-19-23: SPC SUBMITTAL
06-23-23: ALACHUA COUNTY SUBMITTAL
10-30-23: ALACHUA COUNTY
11-08-23: SJRWMD RE-SUBMITTAL
11-22-23: SJRWMD & GRU RESUBMITTAL

CLIENT: UF HEALTH SHANDS HOSPITAL

PROJECT: FLORIDA RECOVERY CENTER AT UF HEALTH SANTA FE VILLAGE TOD PHASE - I

SHEET TITLE: WASTEWATER PLAN AND PROFILE

TECHNICIAN: KTM
DESIGNER:
CAD:
QUALITY CONTROL:
R.O.

PROJECT NUMBER: 21-0340.02

RANDALL SCOTT OLNEY

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FL PE No. 68382

SHEET NO.: C3.46

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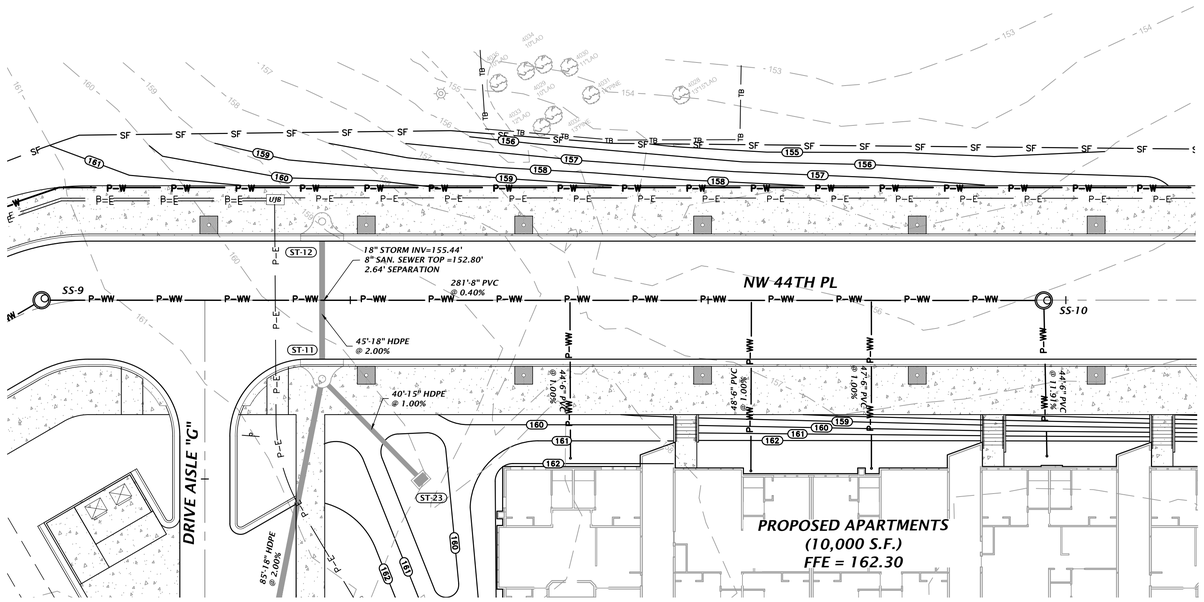

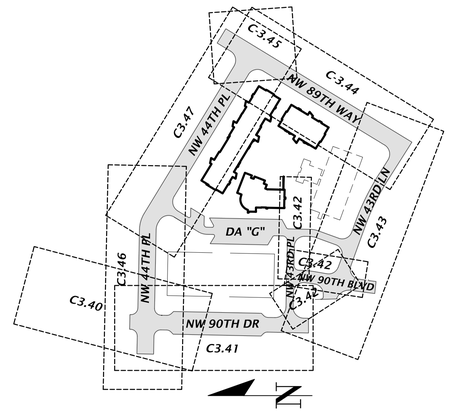

GRAPHIC SCALE
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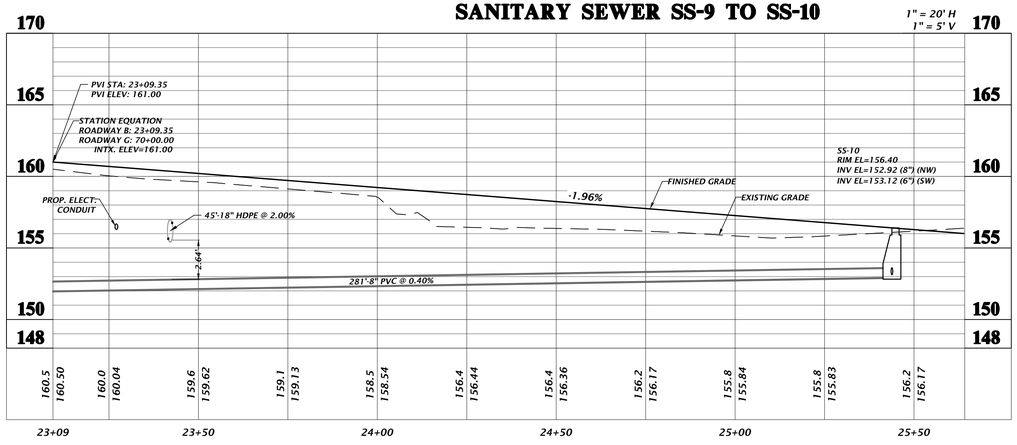

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SCALE: 1"=20'

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CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
05-19-23: 3RD SUBMITTAL
09-01-23: ALACHUA COUNTY SUBMITTAL
10-30-23: ALACHUA COUNTY
11-08-23: SJRWMD RE-SUBMITTAL
11-22-23: SJRWMD & GRU RESUBMITTAL

CLIENT: UF HEALTH SHANDS HOSPITAL

PROJECT: FLORIDA RECOVERY CENTER AT UF HEALTH SANTA FE VILLAGE TOD PHASE - I

SHEET TITLE: WASTEWATER PLAN AND PROFILE

TECHNICIAN: KTM
DESIGNER: CH
QUALITY CONTROL: R.O.
PROJECT NUMBER: 21-0340.02

RANDALL SCOTT OLNEY

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FL PE No. 68382

SHEET NO.: C3.47

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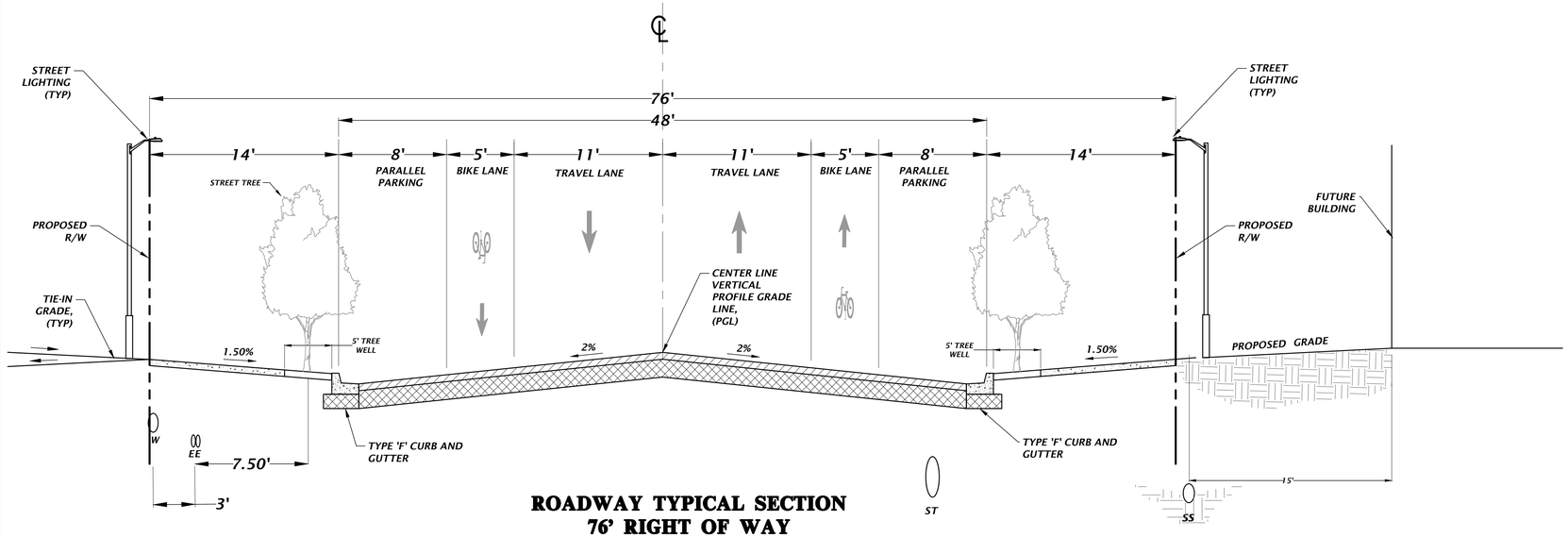
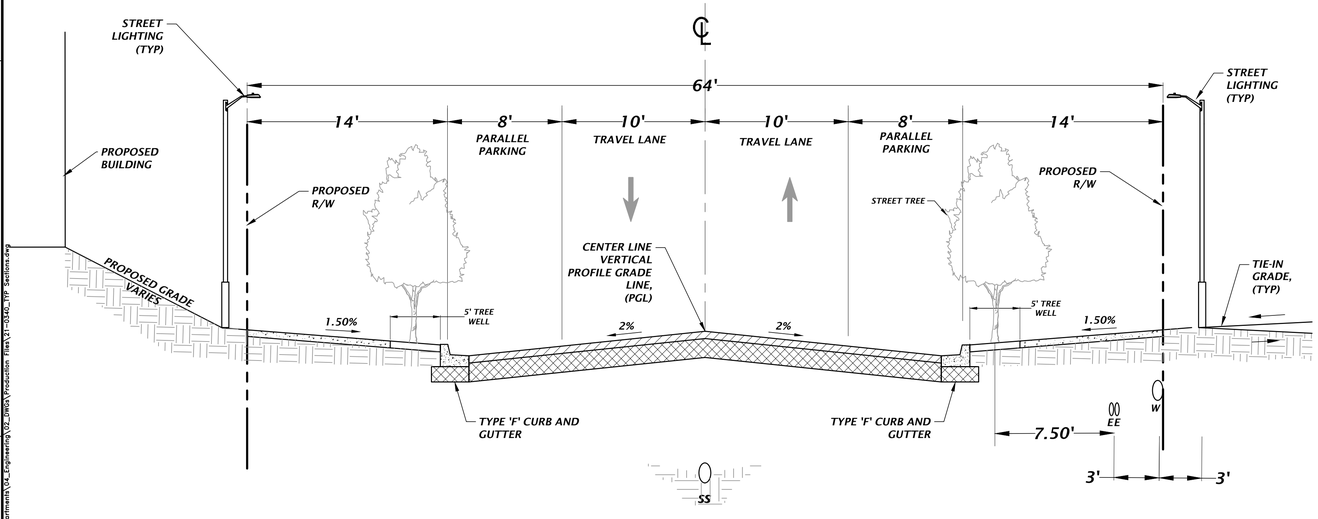


ROADWAY TYPICAL SECTION
76' RIGHT OF WAY
NW 90TH DR

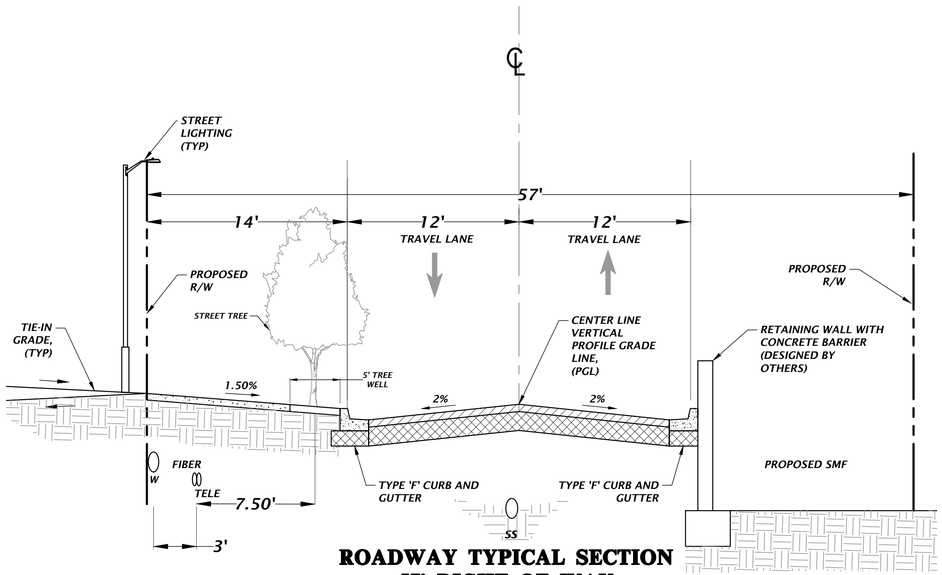
DESIGN SPEED = 30 MPH
POSTED SPEED = 25 MPH
IN ACCORDANCE WITH THE APPROVED PDP AND ALACHUA COUNTY ULDC
NTS

NOTE:
REFER TO LANDSCAPE PLAN FOR TREE LOCATION AND SPECIES



ROADWAY TYPICAL SECTION
64' RIGHT OF WAY
NW 44TH PL & NW 89TH WAY

DESIGN SPEED = 25 MPH
POSTED SPEED = 15 MPH
IN ACCORDANCE WITH THE APPROVED PDP AND ALACHUA COUNTY ULDC
NTS



ROADWAY TYPICAL SECTION
57' RIGHT OF WAY
NW 43RD LN

DESIGN SPEED = 30 MPH
POSTED SPEED = 15 MPH
IN ACCORDANCE WITH THE APPROVED PDP AND ALACHUA COUNTY ULDC
NTS

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SCALE: N/A

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CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
10/17/22 CITY OF ALACHUA PDP/FDP 1ST SUBMITTAL
10-30-23: ALACHUA COUNTY
11-08-23 SJRWMD RE-SUBMITTAL
11-12-23: SJRWMD & GMD RESUBMITTAL

CLIENT: UF HEALTH SHANDS HOSPITAL

PROJECT: FLORIDA RECOVERY CENTER AT UF HEALTH SANTA FE VILLAGE TOD PHASE - 1

SHEET TITLE: TYPICAL ROADWAY SECTIONS

TECHNICIAN: KTM
DESIGNER:
QA/QC:
QUALITY CONTROL: R.O.
PROJECT NUMBER: 21-0340.02

RANDALL SCOTT OLNEY

Randall Scott Olney, P.E.
State of Florida, Professional Engineer, License No. 68382

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FL PE No. 68382

SHEET NO.: C4.00

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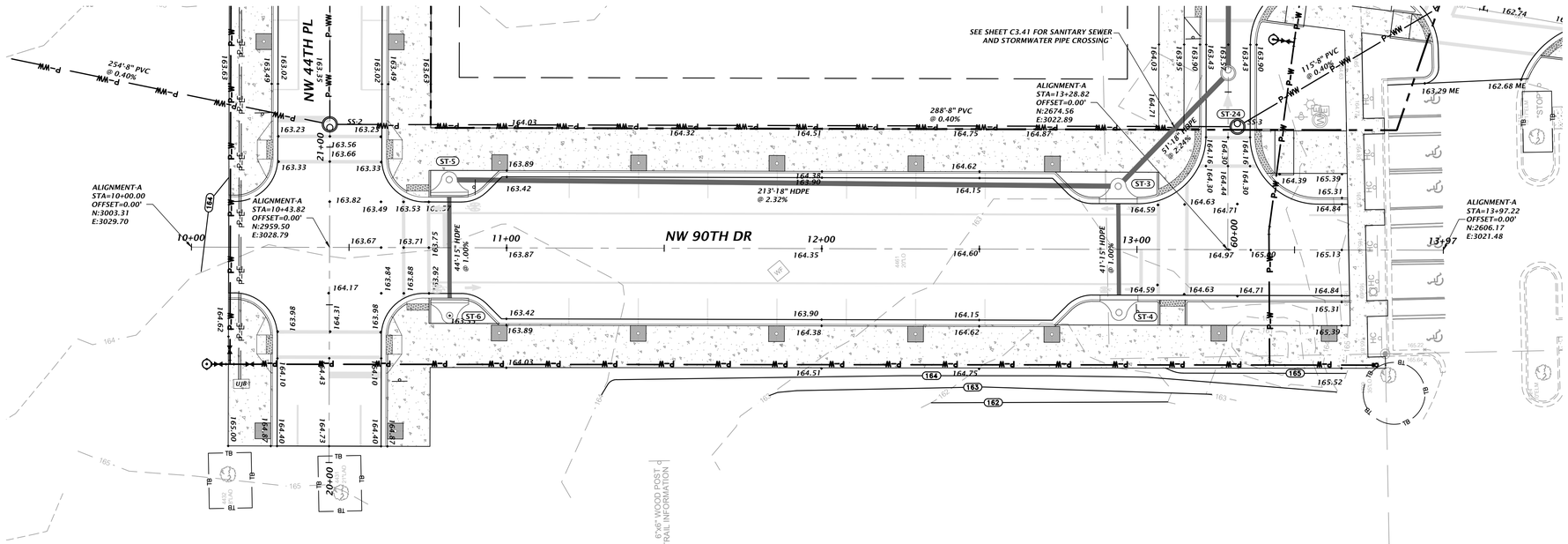

GRAPHIC SCALE

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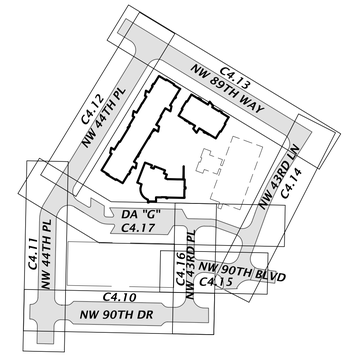

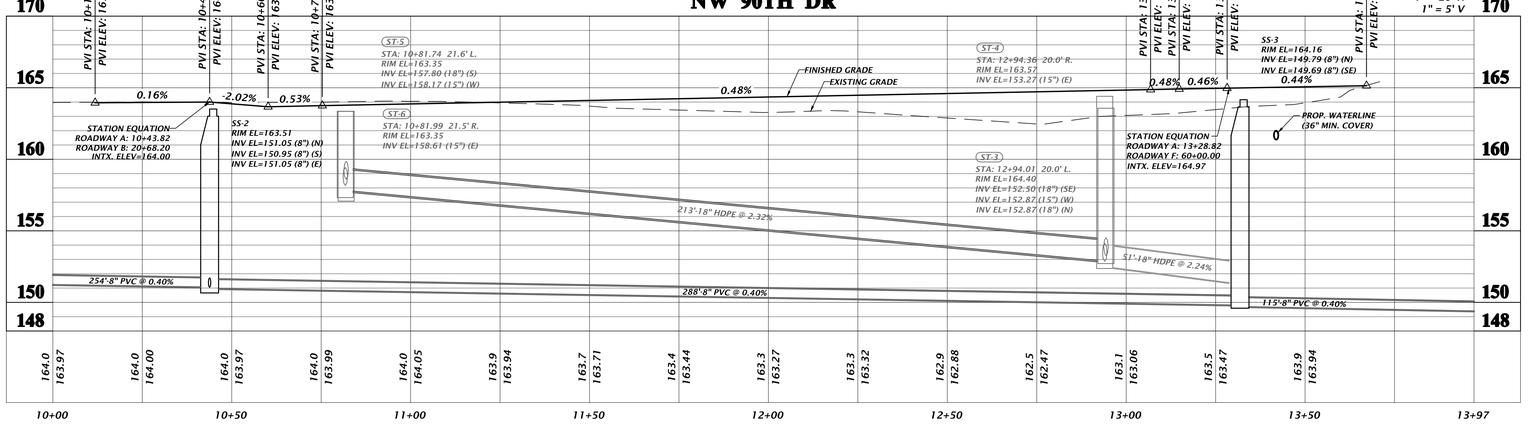

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CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
05-19-23: 30% SUBMITTAL
09-12-23: ALACHUA COUNTY SUBMITTAL
10-30-23: ALACHUA COUNTY
11-08-23: SJRWMD RE-SUBMITTAL
11-22-23: SJRWMD & GRU RESUBMITTAL

CLIENT: UF HEALTH SHANDS HOSPITAL

PROJECT: FLORIDA RECOVERY CENTER AT UF HEALTH SANTA FE VILLAGE TOD PHASE - I

SHEET TITLE: ROADWAY PLAN AND PROFILE

TECHNICIAN: KTM
DESIGNER: CHW
QUALITY CONTROL: R.O.
PROJECT NUMBER: 21-0340.02

RANDALL SCOTT OLNEY

Randall Scott Olney, P.E.
State of Florida, Professional Engineer, License No. 68382

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SHEET NO.: C4.10

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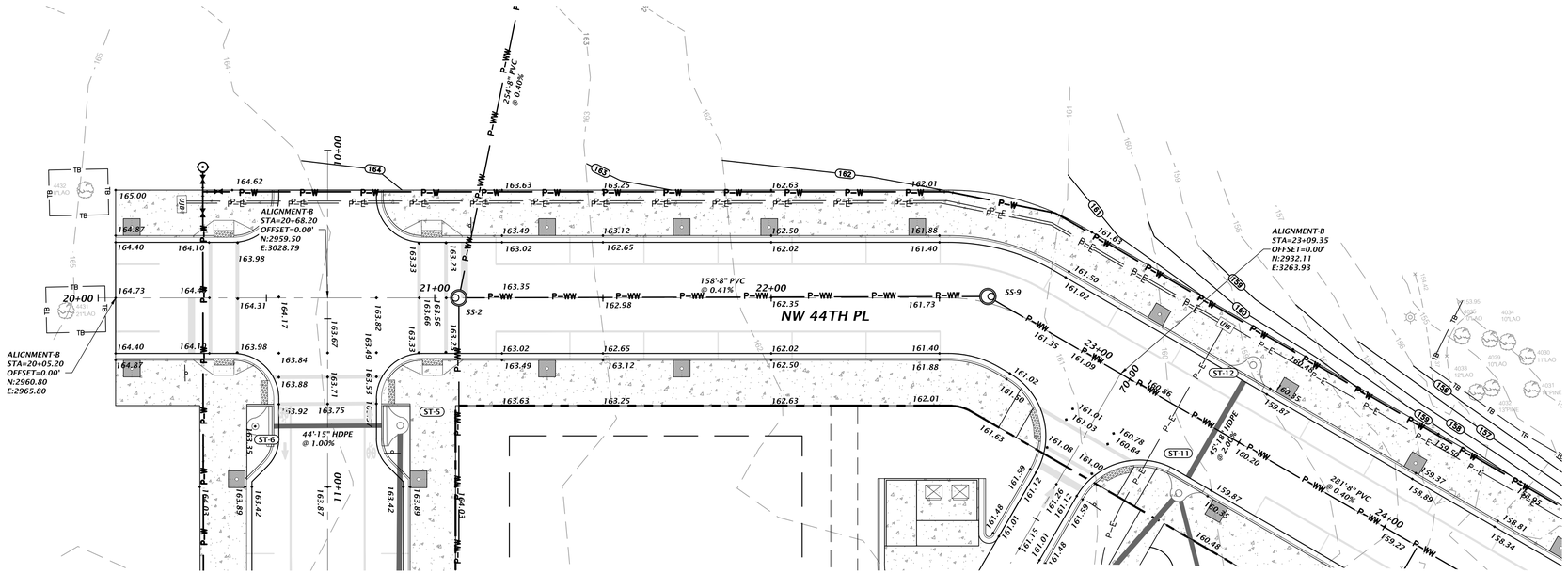

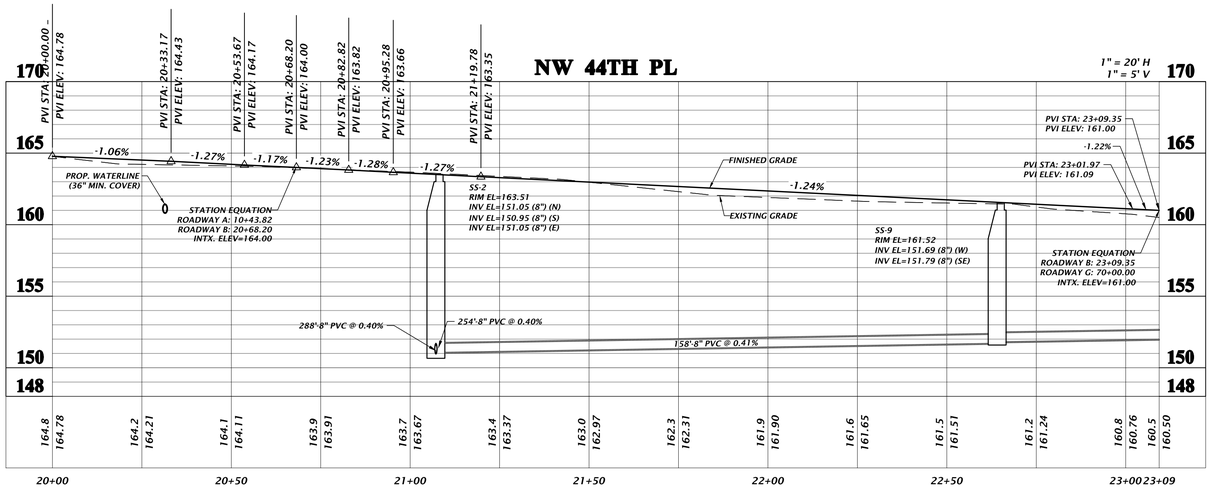

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CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
05-19-23: DRC SUBMITTAL
06-23-23: ALACHUA COUNTY SUBMITTAL
10-30-23: ALACHUA COUNTY
11-08-23: SJRWMD RE-SUBMITTAL
11-22-23: SJRWMD & GRU RESUBMITTAL

CLIENT: UF HEALTH SHANDS HOSPITAL

PROJECT: FLORIDA RECOVERY CENTER AT UF HEALTH SANTA FE VILLAGE TOD PHASE - I

SHEET TITLE: ROADWAY PLAN AND PROFILE

TECHNICIAN: KTM
DESIGNER: CH
QUALITY CONTROL: R.O.
PROJECT NUMBER: 21-0340.02

RANDALL SCOTT OLNEY

Randall Scott Olney, P.E.
State of Florida, Professional Engineer, License No. 68382

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Digitally signed by Randall Scott Olney
Date: 2023.11.22 15:08:36 -05'00'

FL PE No. 68382

SHEET NO.: C4.11

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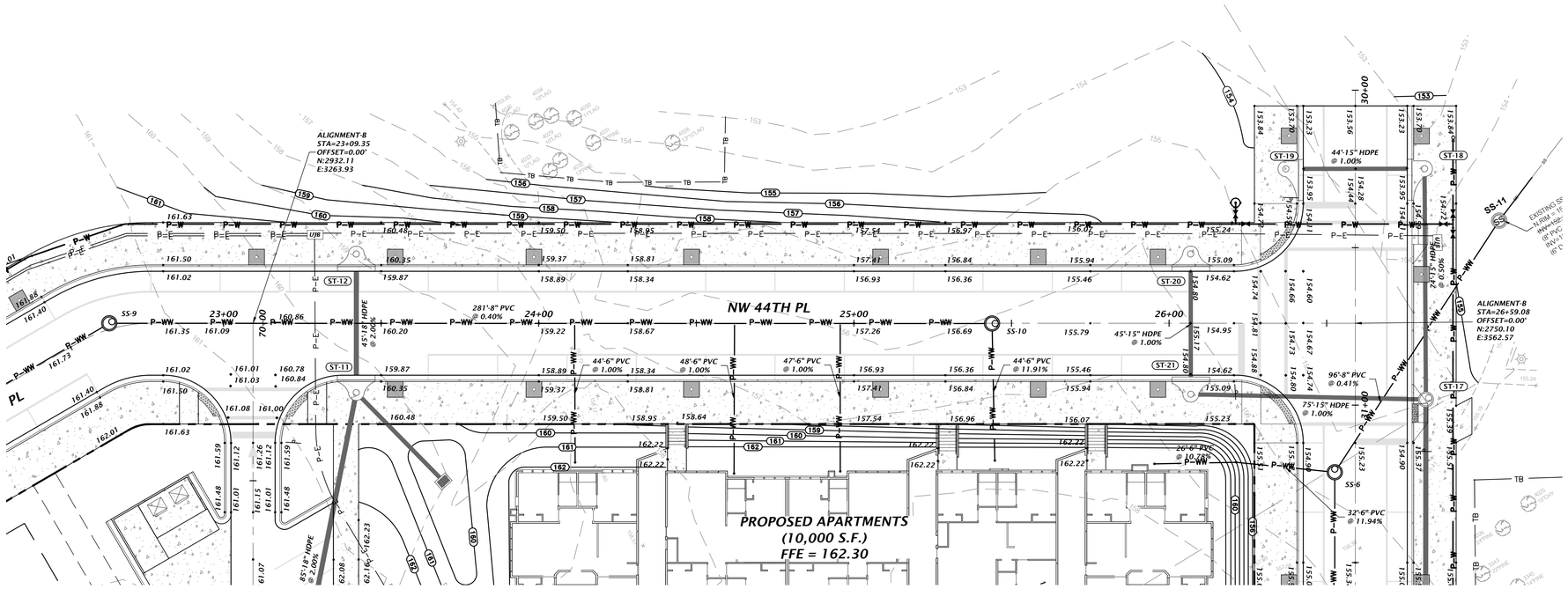
Refs: KOM



GRAPHIC SCALE

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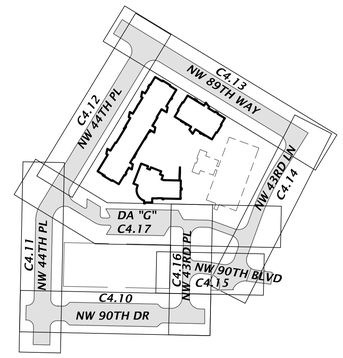
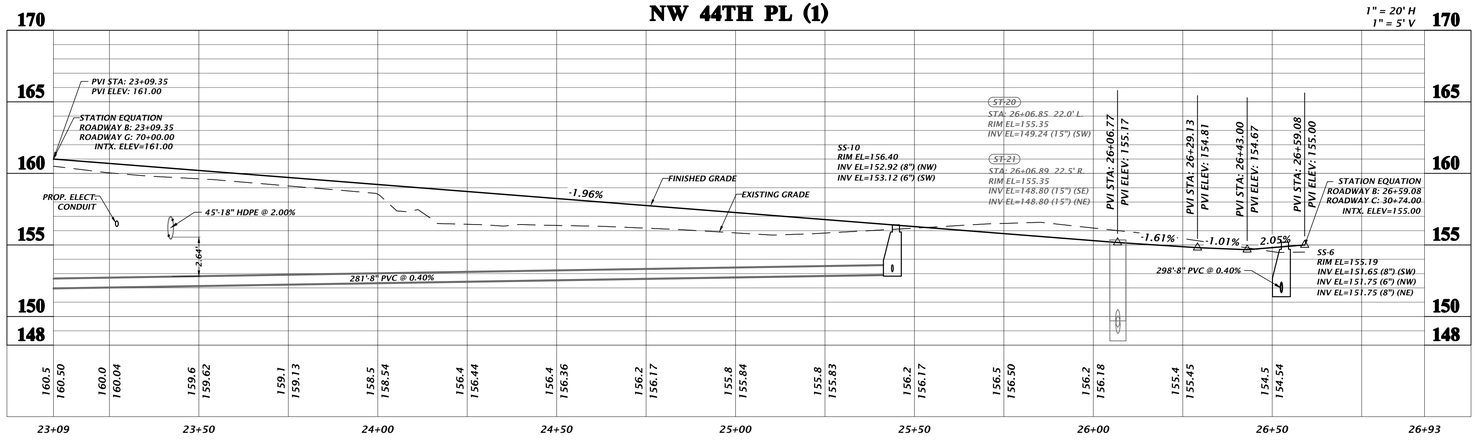


NW 44TH PL (1)

1" = 20' H
1" = 5' V



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SCALE: 1"=20'

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CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
05-19-23: 3RVC SUBMITTAL
06-12-23: ALACHUA COUNTY SUBMITTAL
10-30-23: ALACHUA COUNTY
11-08-23: SJRWMD RE-SUBMITTAL
11-22-23: SJRWMD & GRU RESUBMITTAL

CLIENT: UF HEALTH SHANDS HOSPITAL

PROJECT: FLORIDA RECOVERY CENTER AT UF HEALTH SANTA FE VILLAGE TOD PHASE - I

SHEET TITLE: ROADWAY PLAN AND PROFILE

TECHNICIAN: KTM
DESIGNER:
CHK:
QUALITY CONTROL:
R.O.
PROJECT NUMBER: 21-0340.02

RANDALL SCOTT OLNEY

Randall Scott Olney, P.E.
State of Florida, Professional Engineer, License No. 68382

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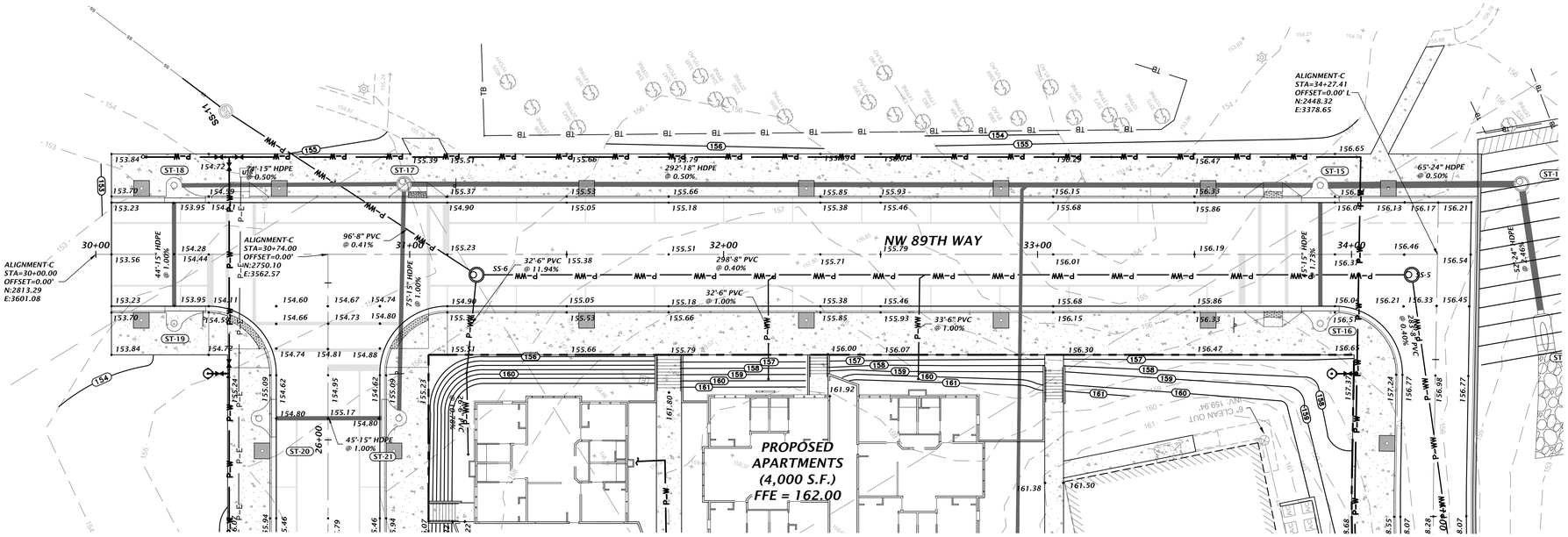
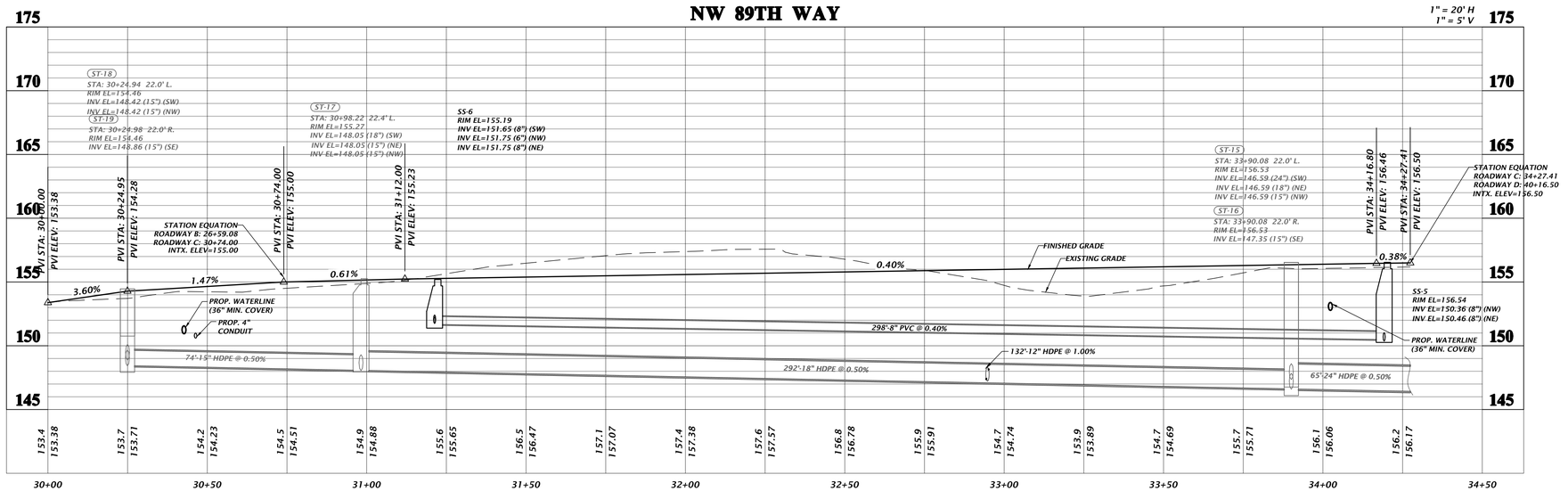
SHEET NO.: C4.12

Plot Date: Nov 21,2023 - 10:24am Filename: K:\2021\21-0340\Department\04_Engineering\02_Civil\Production Files\21-0340_SD-FP.dwg Refs: KohM





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SCALE: 1"=20'

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CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
05-19-23: 30% SUBMITTAL
09-25-23: ALACHUA COUNTY SUBMITTAL
10-30-23: ALACHUA COUNTY
11-08-23: SJRWMD RE-SUBMITTAL
11-22-23: SJRWMD & GRU RESUBMITTAL

CLIENT: UF HEALTH SHANDS HOSPITAL

PROJECT: FLORIDA RECOVERY CENTER AT UF HEALTH SANTA FE VILLAGE TOD PHASE - I

SHEET TITLE: ROADWAY PLAN AND PROFILE

TECHNICIAN: KTM
DESIGNER: CHW
QUALITY CONTROL: RSO
PROJECT NUMBER: 21-0340.02

RANDALL SCOTT OLNEY

Randall Scott Olney, P.E. State of Florida, Professional Engineer, License No. 68382

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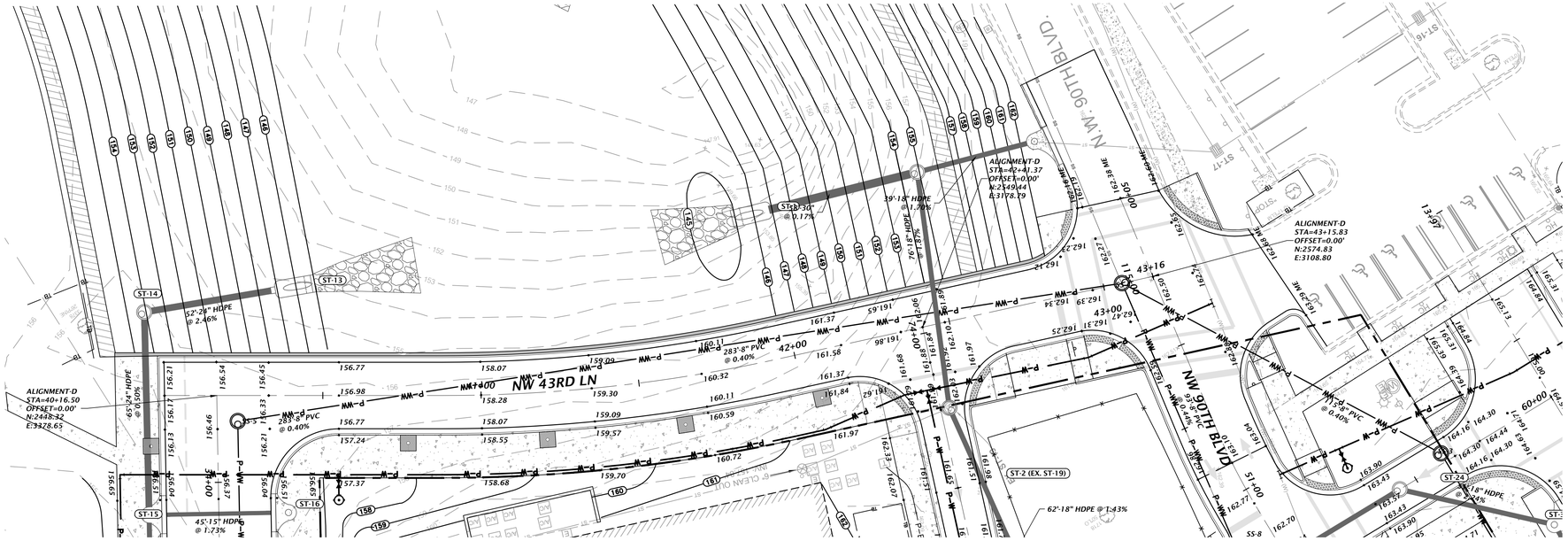
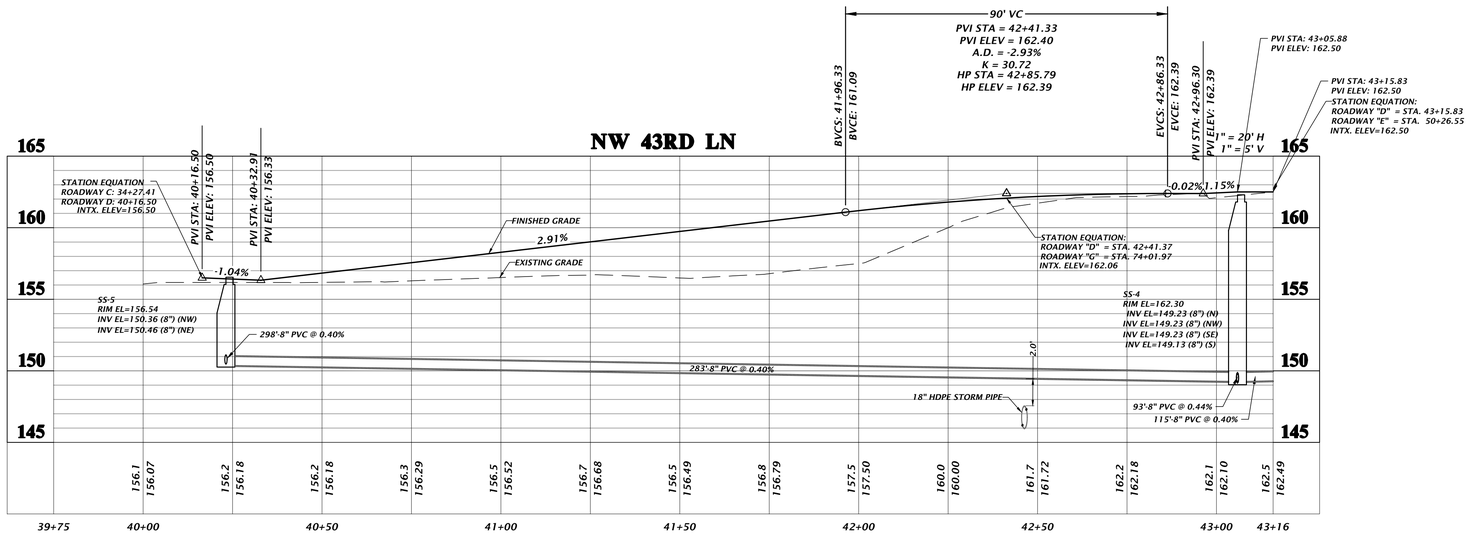
FL PE No. 68382

SHEET NO.: C4.13

Refs: KtjNA Plot Date: Nov 21,2023 10:24am Filename: K:\2021\21-0340\Departments\04_Engineering\02_Plans\Production Files\21-0340_SD_PP.dwg





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Alachua, FL 32615
(352) 331-1976
www.chw-inc.com
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SCALE: 1"=20'

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SCALES ACCORDINGLY.

CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
05-19-23: 30% SUBMITTAL
09-15-23: ALACHUA COUNTY SUBMITTAL
10-30-23: ALACHUA COUNTY
11-08-23: SJRWMD RE-SUBMITTAL
11-22-23: SJRWMD & GRU RESUBMITTAL

CLIENT: UF HEALTH SHANDS HOSPITAL

PROJECT: FLORIDA RECOVERY CENTER AT UF HEALTH SANTA FE VILLAGE TOD PHASE - I

SHEET TITLE: ROADWAY PLAN AND PROFILE

TECHNICIAN: KTM
DESIGNER: CH
QUALITY CONTROL: R.O.
PROJECT NUMBER: 21-0340.02

RANDALL SCOTT OLNEY

Randall Scott Olney, P.E.
State of Florida, Professional Engineer, License No. 68382

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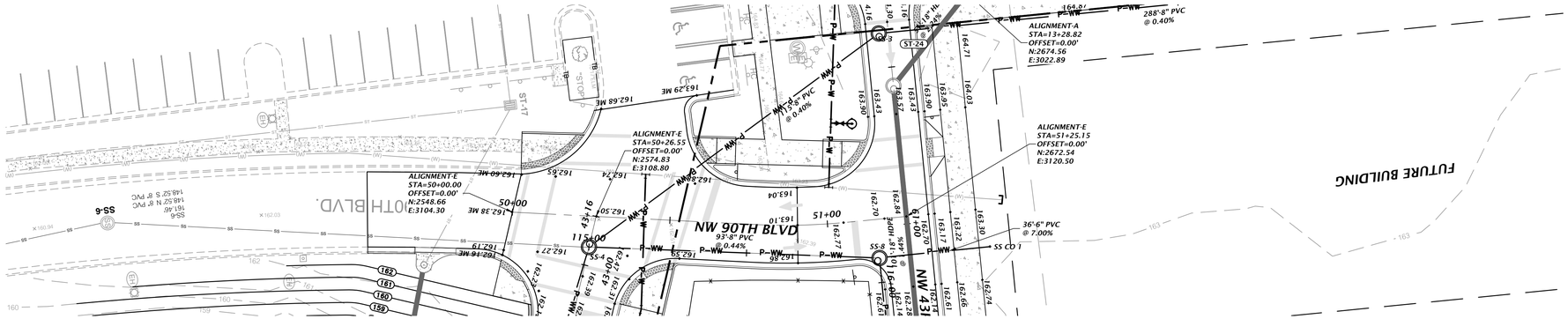

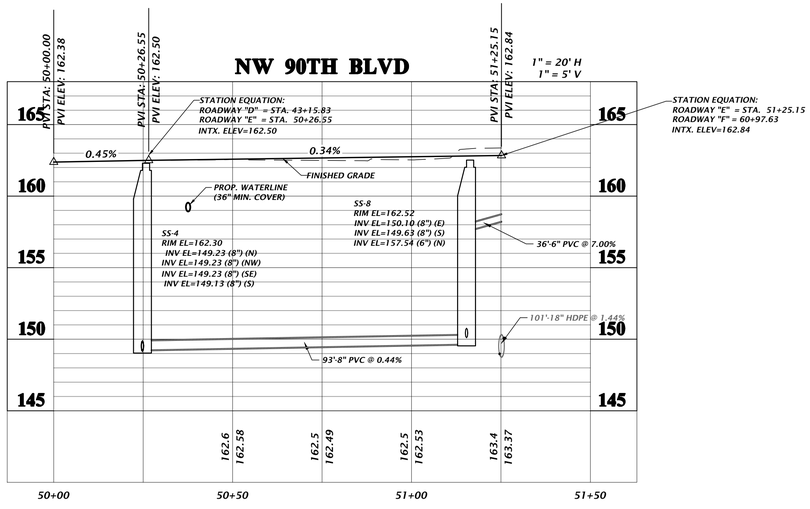

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www.chw-inc.com
est. 1988 FLORIDA CA-0075
CHW Professional Consultants

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CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
05-19-23: 30% SUBMITTAL
09-15-23: ALACHUA COUNTY SUBMITTAL
10-30-23: ALACHUA COUNTY
11-08-23: SJRWMD RE-SUBMITTAL
11-22-23: SJRWMD & GRU RESUBMITTAL

CLIENT: UF HEALTH SHANDS HOSPITAL

PROJECT: FLORIDA RECOVERY CENTER AT UF HEALTH SANTA FE VILLAGE TOD PHASE - I

SHEET TITLE: ROADWAY PLAN AND PROFILE

TECHNICIAN: KTM
DESIGNER: CM
QUALITY CONTROL: R.O.
PROJECT NUMBER: 21-0340.02

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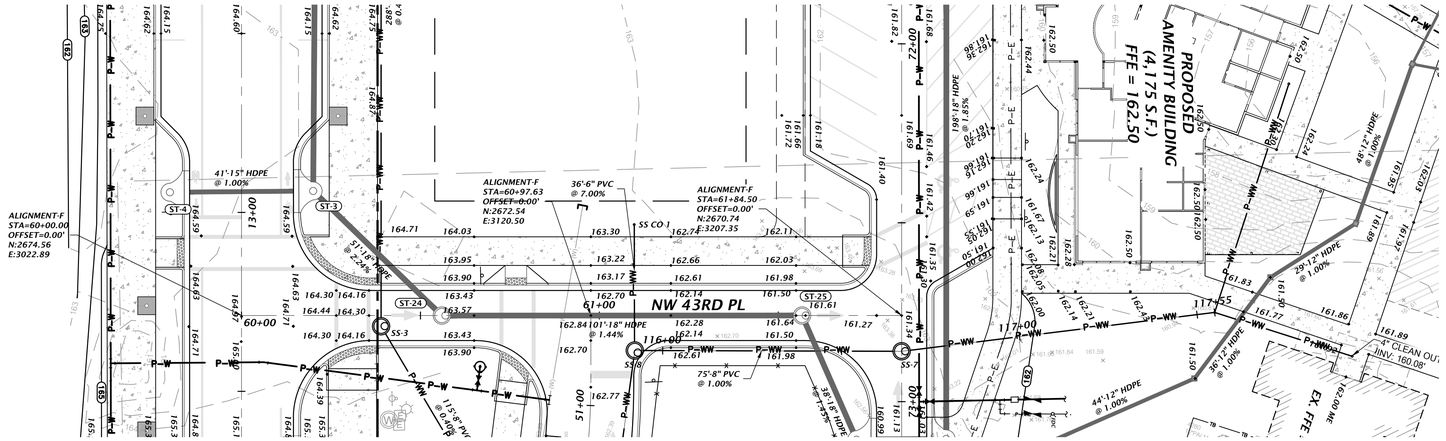

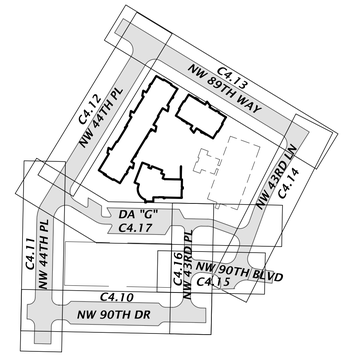

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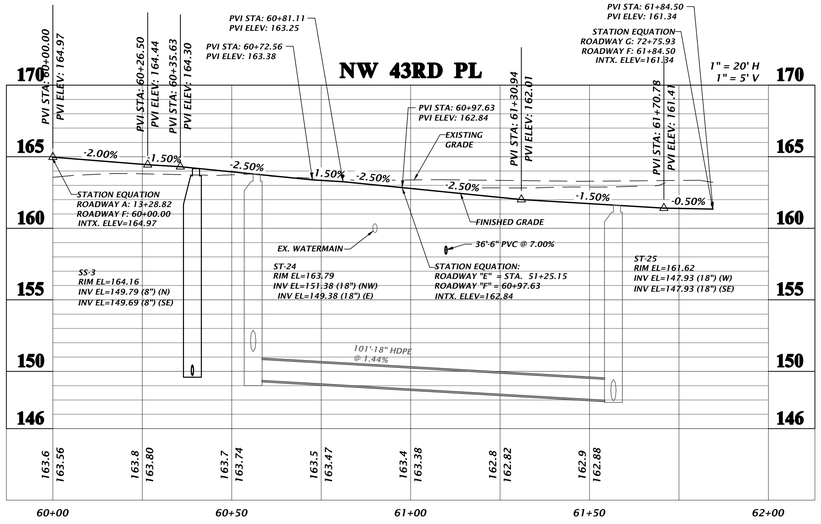

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CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
05-19-23: 30% SUBMITTAL
09-12-23: ALACHUA COUNTY SUBMITTAL
10-30-23: ALACHUA COUNTY
11-08-23: SJRWMD RE-SUBMITTAL
11-22-23: SJRWMD & GRU RESUBMITTAL

CLIENT: UF HEALTH SHANDS HOSPITAL

PROJECT: FLORIDA RECOVERY CENTER AT UF HEALTH SANTA FE VILLAGE TOD PHASE - I

SHEET TITLE: ROADWAY PLAN AND PROFILE

TECHNICIAN: KTM
DESIGNER: CM
QUALITY CONTROL: R.O.
PROJECT NUMBER: 21-0340.02

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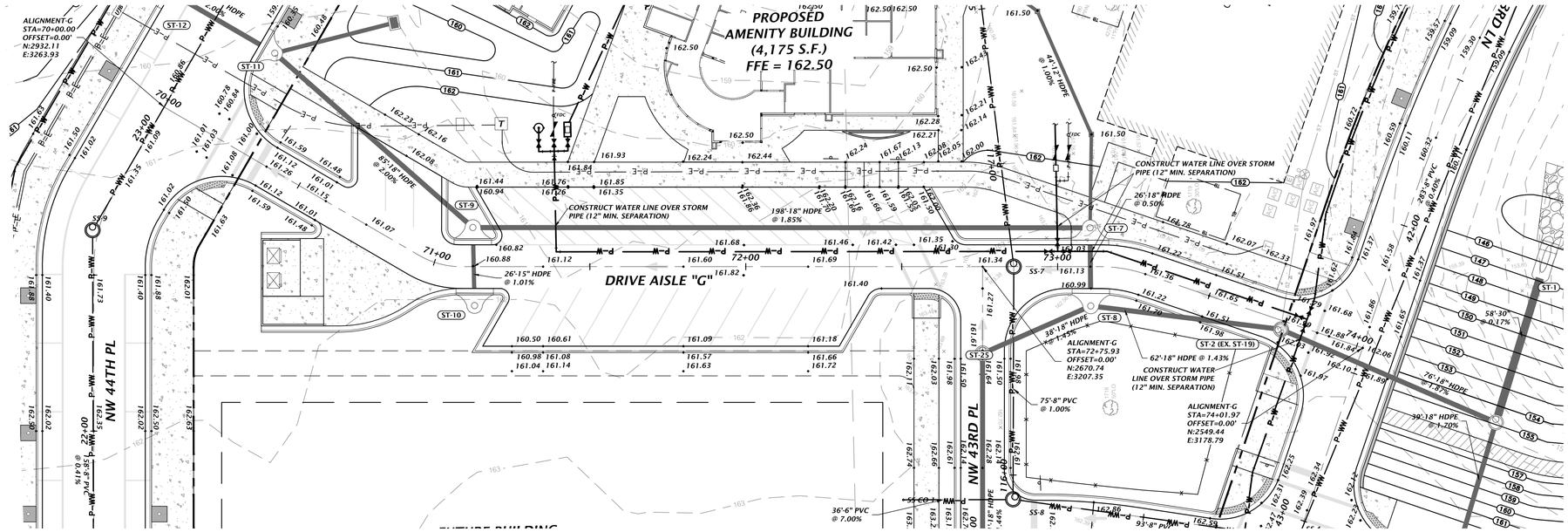

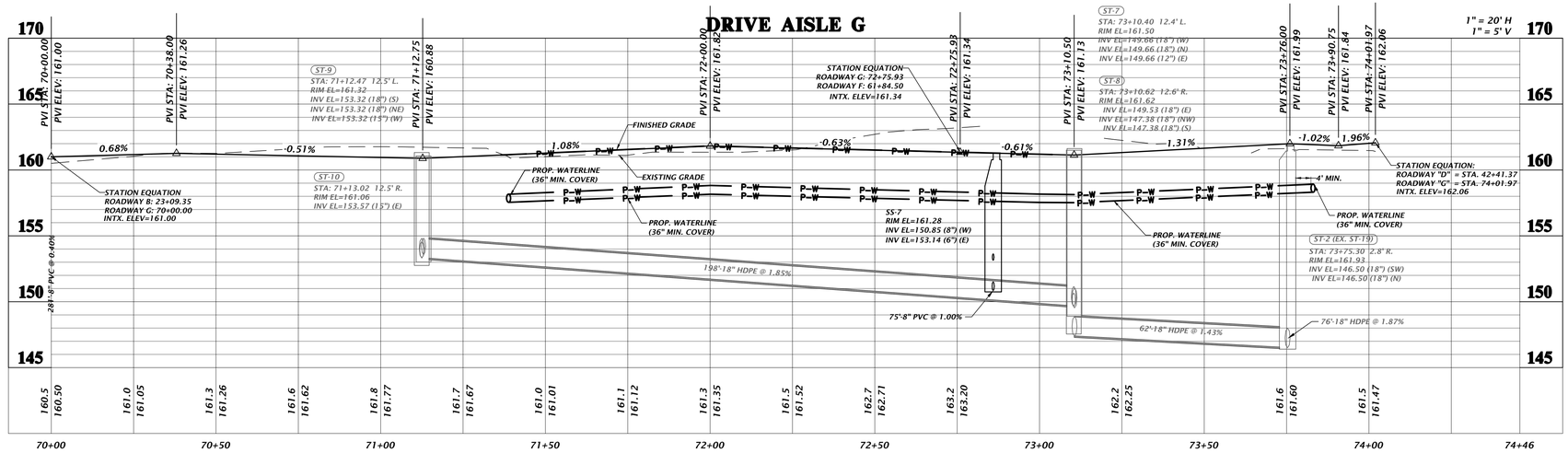

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CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
05-19-23: 3RD SUBMITTAL
09-12-23: ALACHUA COUNTY SUBMITTAL
10-30-23: ALACHUA COUNTY
11-08-23: SJRWMD RE-SUBMITTAL
11-22-23: SJRWMD & GRU RESUBMITTAL

CLIENT: UF HEALTH SHANDS HOSPITAL

PROJECT: FLORIDA RECOVERY CENTER AT UF HEALTH SANTA FE VILLAGE TOD PHASE - I

SHEET TITLE: ROADWAY PLAN AND PROFILE

TECHNICIAN: KTM
DESIGNER:
CHECKED:
QUALITY CONTROL:
R.O.

PROJECT NUMBER: 21-0340.02

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