

SR 464 AND SE 25TH AVENUE INTERSECTION IMPROVEMENTS

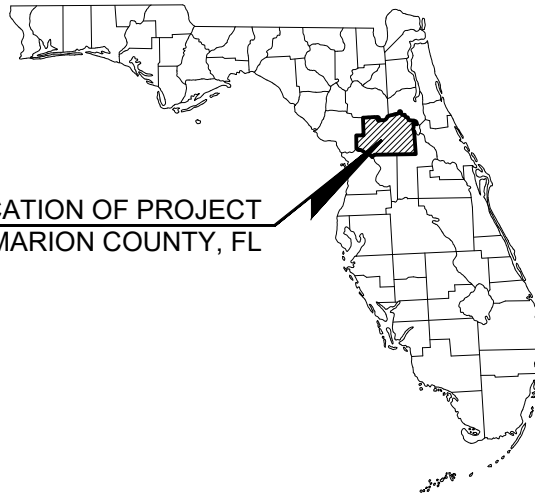
CITY OF OCALA

SECTIONS 21 & 22; TOWNSHIP 15 SOUTH; RANGE 22 EAST
MARION COUNTY, FLORIDA

FPN #456984-1-54-01
CIP/260015

PROJECT LOCATION
SR 464 AND SE 25TH AVENUE
INTERSECTION IMPROVEMENTS
INTERSECTION IMPROVEMENT

LOCATION OF PROJECT
MARION COUNTY, FL



GOVERNING STANDARDS AND SPECIFICATIONS:
ALL CONSTRUCTION SHALL CONFORM TO THE FDOT STANDARD PLANS (F.Y. 2026-27), THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (F.Y. 2026-27), AND THE FDOT UTILITY ACCOMMODATION MANUAL.

UTILITY AGENCY OWNERS:

ELECTRIC
OCALA ELECTRIC UTILITY
STEVE SHORT
(352) 351-6619

TELEPHONE
CENTURYLINK
PAUL TRENSKI
(352) 368-8861

GAS
TECO PEOPLES GAS
LONDON MEAHL
(407) 408-5566

WATER & SEWER
OCALA UTILITY SERVICES
HECTOR COLON
(352) 351-6772

FIBER
OCALA FIBER NETWORK
JASON COHEN
(352) 572-0345

FIBER
FORGED FIBER 37, LLC
CORY HERBERT
(904) 367-9480

FIBER
UNIFI FIBER
JAMES MOSLEY
(251) 654-8216

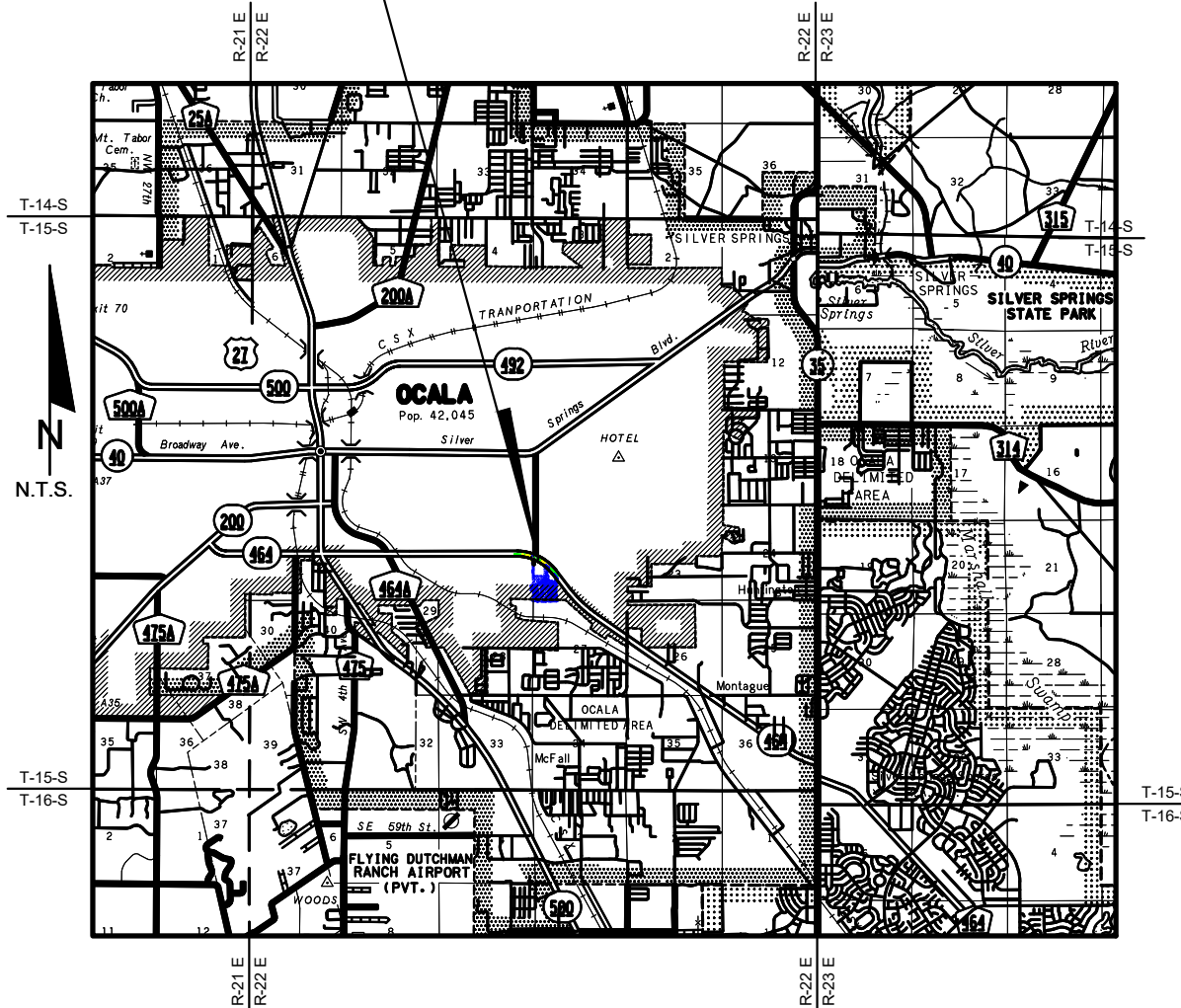
FIBER
WIRE 3, LLC
BRYAN WILLIAMS
(352) 966 8107

FIBER
CARL PEACOCK
(810) 955-1937

FIBER
LUMEN-LOCAL
JOHN PLANMONDON
(352) 425 4444

FIBER
METROFIBERNET
DAVE SILVEIRA
(352) 572 0235

FIBER
LUMEN NATIONAL
ERIC WALLS
(407) 842-9634



INDEX OF SHEETS

- C001 - COVER SHEET
- C002 - SIGNATURE SHEET
- C003 - GENERAL NOTES
- C003A - QUANTITIES
- C004 - TYPICAL SECTIONS
- C005 - EROSION CONTROL NOTES
- C006 - EROSION CONTROL PLAN
- C007 - EXISTING CONDITION & DEMOLITION PLAN
- C008 - SIGNING & MARKING PLAN
- C009 - GRADING & DRAINAGE PLAN
- C010 - CROSS SECTIONS
- C011 - CROSS SECTIONS
- C012 - UTILITY PLAN
- T-1 - SIGNALIZATION PLAN
- T-1A - SIGNALIZATION PLAN
- T-2 - STRAIN POLE SCHEDULE
- T-3 - SIGNAL SOIL BORINGS
- T-4 - SIGNAL SOIL BORINGS
- T-5 - SIGNAL SOIL BORINGS

CONTRACTOR IS TO COORDINATE WITH
FDOT'S ONGOING MILLING AND
RESURFACING PROJECT 441141-1-52-01

FOR FDOT ITS LOCATES, CONTACT
JENNIFER SARDONINI AT (321) 257-7269

PROJECT APPLICANT AND CONSULTANTS

APPLICANT:
CITY OF OCALA
110 SE WATULA AVE.
OCALA, FL 34471

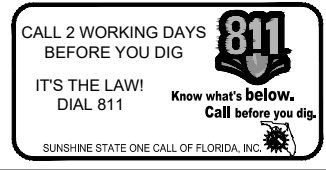
CIVIL ENGINEERING CONSULTANT:
KIMLEY-HORN AND ASSOCIATES, INC.
1700 SE 17 STREET, SUITE 200
OCALA, FLORIDA 34471
(352) 438-3000

SURVEYOR:
PREECE LAND SURVEYING, INC.
BELLWETHER PROFESSIONAL PARK
2201 SE 30TH AVENUE, SUITE 102
OCALA, FLORIDA 34471
(352) 351-0091

GEOTECHNICAL:
GEO-TECH, INC.
1016 SE 3RD AVENUE
OCALA, FLORIDA 34471
(352) 694-7711

**BID SET
APRIL 2026**

PLANS PREPARED BY:
Kimley»Horn
CONSULTING ENGINEERS AND PLANNERS
1700 SE 17TH STREET
SUITE 200
OCALA, FLORIDA 34471
TEL: (352) 438-3000
REGISTRY NO. 35106

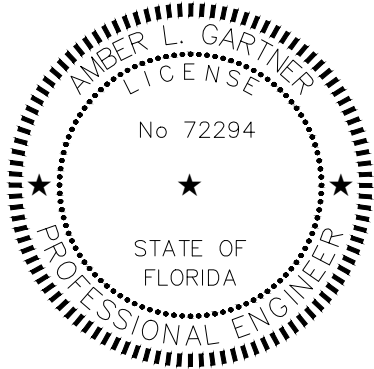


 © 2026 KIMLEY-HORN AND ASSOCIATES, INC. 1700 SE 17TH STREET, SUITE 200, OCALA, FLORIDA 34471 WWW.KIMLEY-HORN.COM REGISTRY NO. 35106	LICENSED PROFESSIONAL AMBER L. GARTNER, P.E. FLORIDA LICENSE NUMBER 72294	KHA PROJECT 142911006	DATE APRIL 2026	SCALE AS SHOWN	DESIGNED BY KHA	DRAWN BY DSC	CHECKED BY ALG	DATE
	COVER SHEET							
SR 464 AND SE 25TH AVENUE INTERSECTION IMPROVEMENTS PREPARED FOR CITY OF OCALA FLORIDA								
SHEET NUMBER C001								

This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY:

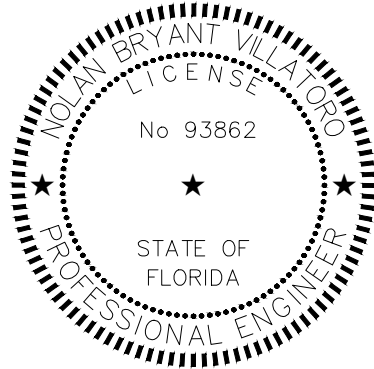
ON THE DATE ADJACENT TO THE SEAL, THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

KIMLEY-HORN AND ASSOCIATES, INC.
 1700 SE 17TH STREET, SUITE 200
 OCALA, FL 34471
 REGISTRY 35106
 AMBER L. GARTNER, P.E. NO. 72294

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

SHEET NO. SHEET DESCRIPTION

- C001 - COVER SHEET
- C003 - GENERAL NOTES
- C003A - QUANTITIES
- C004 - TYPICAL SECTIONS
- C005 - EROSION CONTROL NOTES
- C006 - EROSION CONTROL PLAN
- C007 - EXISTING CONDITION & DEMOLITION PLAN
- C008 - SIGNING & MARKING PLAN
- C009 - GRADING & DRAINAGE PLAN
- C010 - CROSS SECTIONS
- C011 - CROSS SECTIONS
- C012 - UTILITY PLAN
- T-1 - SIGNALIZATION PLAN
- T-1A - SIGNALIZATION PLAN



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY:

ON THE DATE ADJACENT TO THE SEAL, THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

KIMLEY-HORN AND ASSOCIATES, INC.
 200 SOUTH ORANGE AVENUE, SUITE 600
 ORLANDO, FL 32801
 REGISTRY 35106
 NOLAN BRYANT VILLATORO, P.E. NO. 93862

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

SHEET NUMBER SHEET DESCRIPTION
 T-2 STRAIN POLE SCHEDULE

SIGNATURE SHEET	LICENSED PROFESSIONAL AMBER L. GARTNER, P.E. FLORIDA LICENSE NUMBER 72294 DATE: _____	KHA PROJECT 142911006 DATE APRIL 2026 SCALE AS SHOWN DESIGNED BY KHA DRAWN BY DSC CHECKED BY ALG	KIMLEY-HORN <small>© 2026 KIMLEY-HORN AND ASSOCIATES, INC. 1700 SE 17TH STREET, SUITE 200, OCALA, FLORIDA 34471 PHONE: 352-438-3000 WWW.KIMLEY-HORN.COM REGISTRY NO. 35106</small>
SR 464 AND SE 25TH AVENUE INTERSECTION IMPROVEMENTS PREPARED FOR CITY OF OCALA CITY OF OCALA FLORIDA			
SHEET NUMBER C002			
			REVISIONS No. DATE BY

KHA PROJECT 142911006 DATE APRIL 2026 SCALE AS SHOWN DESIGNED BY KHA DRAWN BY DSC CHECKED BY ALG DATE _____
 LICENSED PROFESSIONAL AMBER L. GARTNER, P.E. FLORIDA LICENSE NUMBER 72294
 © 2026 KIMLEY-HORN AND ASSOCIATES, INC. 1700 SE 17TH STREET, SUITE 200, OCALA, FLORIDA 34471 WWW.KIMLEY-HORN.COM PHONE: 352-436-3000 REGISTRY NO. 35108
 KIMLEY-HORN AND ASSOCIATES, INC.

This document, together with the concepts and design presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

FDOT PAY ITEM NUMBER	DESCRIPTION	UNIT	QUANTITY
101-1	MOBILIZATION AND SPECIAL PROVISIONS	LS	1
102-1	MAINTENANCE OF TRAFFIC	LS	1
102-107-1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE OF INTERSECTION	LS	1
104-10-3	SEDIMENT BARRIER	LF	130
104-18	INLET PROTECTION SYSTEM	EA	5
110-1-1	CLEARING AND GRUBBING	LS	1
110-4-10	REMOVAL OF EXISTING CONCRETE	SY	312
120-1	REGULAR EXCAVATION	CY	380
120-6	EMBANKMENT	CY	416
N/A	AS-BUILT PLANS AND CONSTRUCTION LAYOUT SURVEY	LS	1
160-4	TYPE B STABILIZATION	SY	782
285-7-09	OPTIONAL BASE, BASE GROUP 09	SY	667
327-70-1	MILLING EXISTING ASPHALT PAVEMENT, 1" AVG DEPTH	SY	1,167
327-70-6	MILLING EXISTING ASPHALT PAVEMENT, 1- 1/2" AVG DEPTH	SY	50
334-1-12	SUPERPAVE ASPHALTIC CONC, TRAFFIC B	TN	68
334-1-13	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C, PG76-22	TN	87
337-7-83	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5, PG 76-22	TN	55
425-1-521	INLET, DT BOT, TYPE C, <10'	EA	1
425-2-61	MANHOLE, P-8, <10'	EA	1
430-175-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18"S/CD	LF	26
520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	450
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	137
522-2	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	93
527-2	DETECTABLE WARNINGS	SF	86
570-1-2	PERFORMANCE TURF, SOD	SY	1,300
611-1-1	ITSFM SUBSURFACE DOCUMENTATION	MI	0.1
611-2-1	ITSFM LOCATION DOCUMENTATION - INTERSECTION	EA	1
630-2-11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	108
630-2-12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	685
632-7-1	SIGNAL CABLE	PI	1
633-6	FIBER OPTIC CABLE LOCATOR	LS	1
634-4-153	SPAN WIRE ASSEMBLY, F&I, TWO POINT, BOX OR DROP BOX	PI	1
635-2-11	PULL & SPLICE BOX; FURNISH & INSTALL; 13"x24"	EA	6
635-2	PULL & SPLICE BOX; ADJUST TO GRADE	EA	1
639-1-420	ELECTRICAL POWER SERVICE, REL UNDERGROUND	AS	1
639-2-1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	EA	50
641-2-11	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II PEDESTAL	EA	1
641-2-17	PRESTRESSED CONCRETE POLE, F&I, TYPE P-VII	EA	1
641-2-80	PRESTRESSED CONCRETE POLE, COMPLETE POLE REMOVAL- POLE 30' AND GREATER	EA	1
646-1-40	ALUMINUM SIGNALS POLE, RELOCATE	AS	3
650-1-14	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 3 SECTION, 1 WAY	AS	5
650-1-19	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 5 SECTION, 1 WAY	AS	1
660-1-110	LOOP DETECTOR INDUCTIVE, F&I, TYPE 10	EA	3
660-2-102	LOOP ASSEMBLY, F&I, TYPE B	EA	7
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	EA	7
670-5-710	TRAFFIC CONTROLLER ASSEMBLY, MODIFY ONLY - NO COMPONENTS ADDED	AS	1
685-2-1	REMOTE POWER MANAGEMENT UNIT (RPMU), F&I	EA	1
700-1-111	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, LESS THAN 12 SF	AS	1
700-1-500	SINGLE POST SIGN (RELOCATE)	EA	1
700-5-50	INTERNALLY ILLUMINATED SIGN, RELOCATE	EA	1
704-1-4	TUBULAR MARKER, 36" YELLOW POST	EA	1
706-1-3	RAISED PAVEMENT MARKER, TYPE B	EA	41
710-90	PAINTED PAVEMENT MARKINGS - FINAL SURFACE	LS	1
711-11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK	LF	327
711-11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE	LF	75
711-11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE, 6"	GM	0.066
711-11-160	THERMOPLASTIC, STANDARD, WHITE, THERMOPLASTIC, "ONLY" MESSAGE	EA	1
711-11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	9
711-11-241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDELINE, 6"	GM	0.020
711-14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	190
711-14-160	THERMOPLASTIC, PREFORMED, WHITE, HELMETED BICYCLIST SYMBOL	EA	2
711-14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	2
711-16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	0.146
711-16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.063
715-5-30	LUMINAIRE & BRACKET ARM - ALUMINUM, INSTALL NEW LUMINIARE & ARM ON NEW POLE	EA	1
715-68-000	LIGHT POLE COMPLETE, RELOCATE	EA	1

PAY ITEM NOTES

(ALL TRAFFIC EQUIPMENT MUST BE ON THE FDOT APL, AND MUST BE APPROVED BY CITY OF OCALA BEFORE PROCUREMENT)

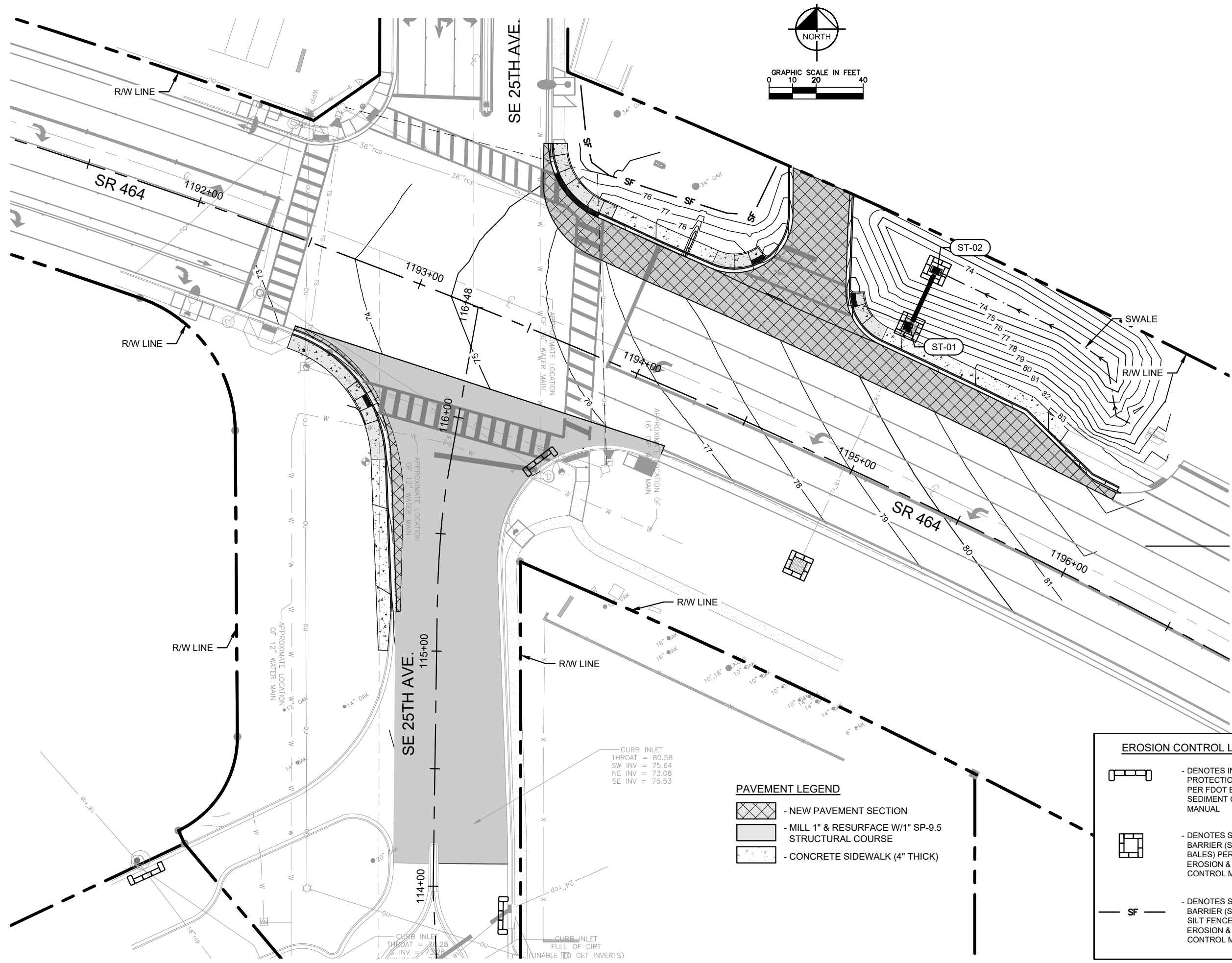
- PAY ITEM NO. 101-1
REMOVAL OF CONFLICTING PAVEMENT MARKINGS SHALL BE INCLUDED WITH THIS PAY ITEM.
- PAY ITEM NO. 102-1
THIS ITEM IS LUMP SUM AND SHALL INCLUDE ALL NECESSARY LABOR, MATERIAL AND EQUIPMENT NECESSARY TO IMPLEMENT AND MAINTAIN THE APPROVED TRAFFIC CONTROL PLAN. THE CONTRACTOR IS REQUIRED TO PROVIDE A COMPLETE TRAFFIC CONTROL PLAN SIGNED AND SEALED BY A PROFESSIONAL ENGINEER THAT MEETS THE MINIMUM REQUIREMENTS OF FDM SECTIONS 240 AND 921, AND PROVIDE IT TO THE CITY OF OCALA AND FDOT OCALA OPERATIONS OFFICE FOR REVIEW.
- PAY ITEM NO. 102-107-1
THIS ITEM WILL BE PAID LUMP SUM TO INCLUDE MAINTENANCE OF THE TRAFFIC SIGNAL FOR THE DURATION OF THE CONTRACT TIME AND INSTALLATION AND MAINTENANCE OF TEMPORARY TRAFFIC DETECTION FOR THE TIME PERIOD BETWEEN WHEN THE EXISTING DETECTION IS REMOVED AND THE PERMANENT DETECTION IS OPERATIONAL AND THE FINAL LANE CONFIGURATION IS IN PLACE.
- PAY ITEM NO. 110-1-1
THIS ITEM IS TO INCLUDE THE REMOVAL OF UN-NEEDED PULL BOXES AND CONDUIT.
- PAY ITEM NO. 120-6
PAYMENT INCLUDES REWORK OF THE STABILIZED SHOULDER PER THE PLAN AND SWALE.
- PAY ITEM NO. 635-2-11 AND 635-2-12
IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO SIZE THE PULL BOXES SUCH THAT THEY WILL ALLOW PLACEMENT OF ALL CABLES INSIDE THE PULL BOXES WHILE MAINTAINING THE REQUIRED MINIMUM BENDING RADII ON THE CABLES. PULL BOXES AND COVERS SHALL BE NON-METALLIC CONSTRUCTION WITH RECESSED COVER. SHALL INCLUDE CONSTRUCTION OF A 12" WIDE BY 6" DEEP CONCRETE APRON AROUND THE NEW PULL BOX. PULL BOX COVERS SHALL BE LABELED PER FY 2026-27, FDOT STANDARD SPECIFICATION 996-5.1.1.
- PAY ITEM NO. 700-5-50
THIS ITEM INCLUDES ALL NECESSARY LABOR, HARDWARE, AND EQUIPMENT TO REMOVE SIGN FROM EXISTING POLE AND MOUNT TO NEW POLE 700-5-50.
- PAY ITEM NO. 632-7-1 SHALL BE INSTALLED PER STANDARD PLANS INDEX 634-001 AS APPLICABLE.
- PAY ITEM NO. 630-2-AB SHALL BE INSTALLED PER SECTION 630 OF THE FDOT STANDARD SPECIFICATIONS. ALL CONDUITS SHALL ENTER PULL BOXES AS REQUIRED IN STANDARD PLANS INDEX 635-001. ALL CONDUIT SHALL BE 2 INCH SCHEDULE 40 PVC UNLESS SPECIFIED OTHERWISE IN THE PLANS OR SPECIFICATIONS. SEE SPECIFIC PLANS SHEETS FOR NUMBER OF RUNS REQUIRED FOR EACH BORE.
- PAY ITEM NO. 635-2: THIS ITEM SHALL INCLUDE THE ADJUSTING OF THE EXISTING FIBER OPTIC SPLICE BOX TOP TO THE PROPOSED GRADE.
- PAY ITEM NO. 641-2-80: SHALL INCLUDE THE COMPLETE REMOVAL OF SIGNAL HEADS, SPAN WIRE AND ALL OTHER ASSOCIATED ATTACHMENTS NOT SHOWN FOR RELOCATION. (SEE FDOT BASIS OF ESTIMATES FOR DETAILS)
- PAY ITEM NO. 650-1-AB SHALL BE BLACK IN COLOR AND INCLUDE FULL TUNNEL VISORS. ALL SIGNAL DISPLAYS SHALL BE L.E.D. AND BE EQUIPPED WITH YELLOW RETRO-REFLECTIVE FLEXIBLE BACKPLATES.
- PAY ITEM NO. 660-2-102, 660-2-106: SHALL INCLUDE ALL LOOP WIRE NECESSARY TO COMPLETE THE INSTALLATION OF THE LOOPS. SHALL INCLUDE SPLICING THE LOOP WIRE TO THE LOOP LEAD-IN CABLE IN EXISTING PULL BOX, WHERE APPLICABLE.
- PAY ITEM NO. 670-5-710: INCLUDE ALL LABOR AND EQUIPMENT TO IMPLEMENT THE SIGNAL TIMING PLAN AS INDICATED ON SHEET T-1A.
- PAY ITEM NO. 715-5-30 INCLUDES ALL HARDWARE AND LABOR TO INSTALL LUMINAIRE TO BE PROVIDED BY THE CITY OF OCALA ON NEW STRAIN POLE
- PAY ITEM NO. 715-68-000: PAYMENT INCLUDES REMOVAL OF OLD FOUNDATION, INSTALLATION OF NEW FOUNDATION, AND ALL INCIDENTALS FOR INSTALLATION/OPERATION

QUANTITIES	SR 464 AND SE 25TH AVENUE INTERSECTION IMPROVEMENTS PREPARED FOR CITY OF OCALA FLORIDA	SHEET NUMBER C003A	REVISIONS No. _____ DATE _____ BID SET - NOT FOR CONSTRUCTION
-------------------	---	------------------------------	---

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

KHA PROJECT 142911006
 DATE APRIL 2026
 SCALE AS SHOWN
 DESIGNED BY KHA
 DRAWN BY DSC
 CHECKED BY ALG
 DATE
 LICENSED PROFESSIONAL
 AMBER L. GARTNER, P.E.
 FLORIDA LICENSE NUMBER 72294

This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



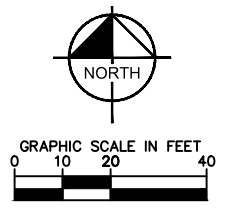
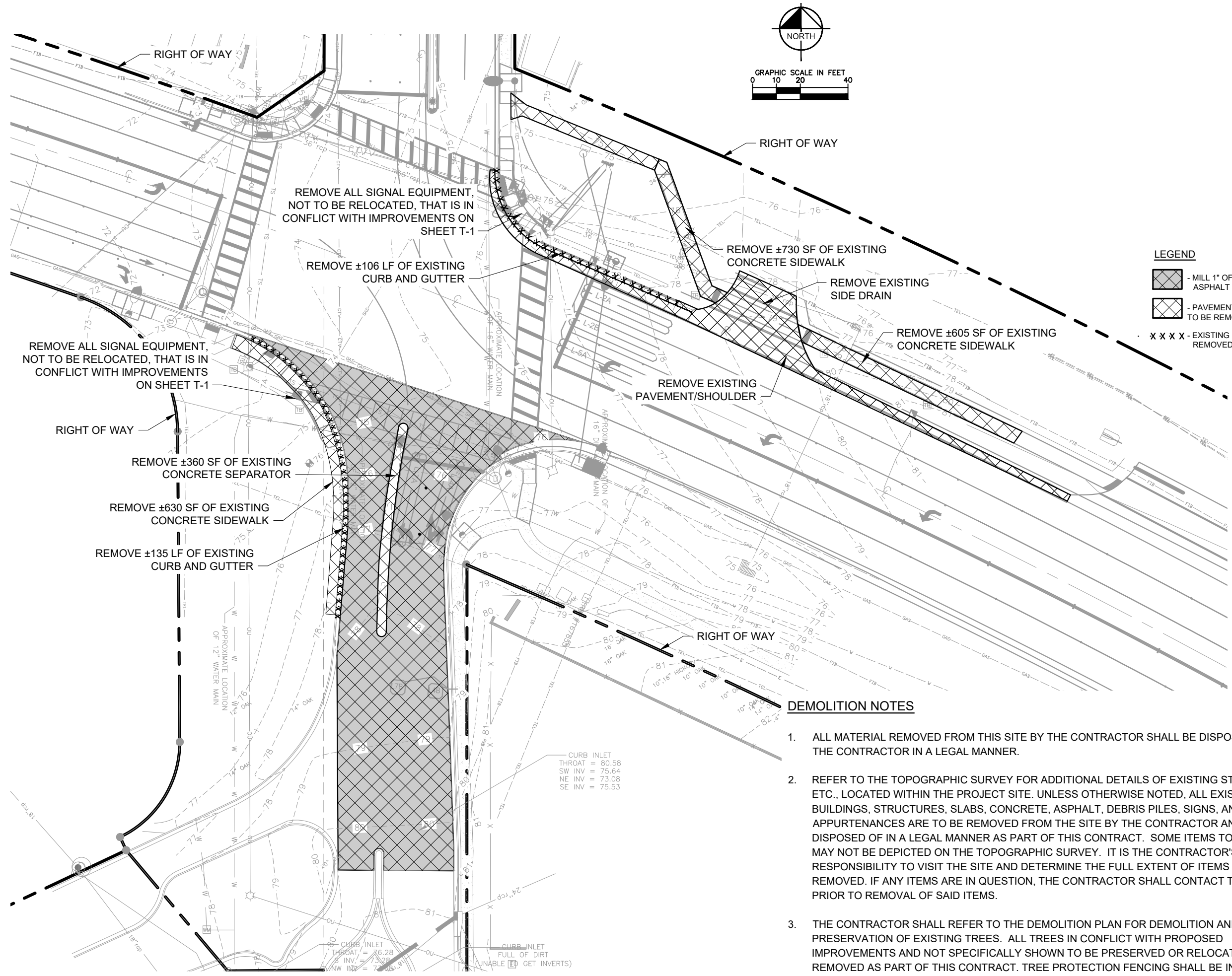
CURB INLET
 THROAT = 80.58
 SW INV = 75.64
 NE INV = 73.08
 SE INV = 75.53

- PAVEMENT LEGEND**
- NEW PAVEMENT SECTION
 - MILL 1" & RESURFACE W/1" SP-9.5 STRUCTURAL COURSE
 - CONCRETE SIDEWALK (4" THICK)

- EROSION CONTROL LEGEND**
- DENOTES INLET PROTECTION SYSTEM PER FDOT EROSION & SEDIMENT CONTROL MANUAL
 - DENOTES SEDIMENT BARRIER (SYNTHETIC BALES) PER FDOT EROSION & SEDIMENT CONTROL MANUAL
 - DENOTES SEDIMENT BARRIER (STAKED SILT FENCE) PER FDOT EROSION & SEDIMENT CONTROL MANUAL

EROSION CONTROL PLAN		 <small>© 2026 KIMLEY-HORN AND ASSOCIATES, INC. 1700 SE 17TH STREET, SUITE 200, OCALA, FLORIDA 34471 PHONE: 352-438-3000 WWW.KIMLEY-HORN.COM REGISTRY NO. 35108</small>
SR 464 AND SE 25TH AVENUE INTERSECTION IMPROVEMENTS PREPARED FOR CITY OF OCALA FLORIDA	SHEET NUMBER C006	THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.
KHA PROJECT 142911006 DATE APRIL 2026 SCALE AS SHOWN DESIGNED BY KHA DRAWN BY DSC CHECKED BY ALG DATE	LICENSED PROFESSIONAL AMBER L. GARTNER, P.E. FLORIDA LICENSE NUMBER 72294	REVISIONS No. DATE BY 1 BID SET - NOT FOR CONSTRUCTION

KHA PROJECT 142911006
 DATE APRIL 2026
 SCALE AS SHOWN
 DESIGNED BY KHA
 DRAWN BY DSC
 CHECKED BY ALG
 DATE
 THIS DOCUMENT, TOGETHER WITH THE CONCEPTS AND DESIGN PRESENTED HEREIN, IS AN INSTRUMENT OF SERVICE, AS AN INSTRUMENT OF SERVICE, IS INTENDED ONLY FOR THE SPECIFIC PURPOSE AND CLIENT FOR WHICH IT WAS PREPARED. REUSE OF AND IMPROPER RELIANCE ON THIS DOCUMENT WITHOUT WRITTEN AUTHORIZATION AND ADAPTATION BY KIMLEY-HORN AND ASSOCIATES, INC. SHALL BE WITHOUT LIABILITY TO KIMLEY-HORN AND ASSOCIATES, INC.



LEGEND

	- MILL 1" OF EXISTING ASPHALT
	- PAVEMENT OR CONCRETE TO BE REMOVED
	- EXISTING FEATURE TO BE REMOVED

DEMOLITION NOTES

1. ALL MATERIAL REMOVED FROM THIS SITE BY THE CONTRACTOR SHALL BE DISPOSED OF BY THE CONTRACTOR IN A LEGAL MANNER.
2. REFER TO THE TOPOGRAPHIC SURVEY FOR ADDITIONAL DETAILS OF EXISTING STRUCTURES, ETC., LOCATED WITHIN THE PROJECT SITE. UNLESS OTHERWISE NOTED, ALL EXISTING BUILDINGS, STRUCTURES, SLABS, CONCRETE, ASPHALT, DEBRIS PILES, SIGNS, AND ALL APPURTENANCES ARE TO BE REMOVED FROM THE SITE BY THE CONTRACTOR AND PROPERLY DISPOSED OF IN A LEGAL MANNER AS PART OF THIS CONTRACT. SOME ITEMS TO BE REMOVED MAY NOT BE DEPICTED ON THE TOPOGRAPHIC SURVEY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND DETERMINE THE FULL EXTENT OF ITEMS TO BE REMOVED. IF ANY ITEMS ARE IN QUESTION, THE CONTRACTOR SHALL CONTACT THE OWNER PRIOR TO REMOVAL OF SAID ITEMS.
3. THE CONTRACTOR SHALL REFER TO THE DEMOLITION PLAN FOR DEMOLITION AND/OR PRESERVATION OF EXISTING TREES. ALL TREES IN CONFLICT WITH PROPOSED IMPROVEMENTS AND NOT SPECIFICALLY SHOWN TO BE PRESERVED OR RELOCATED SHALL BE REMOVED AS PART OF THIS CONTRACT. TREE PROTECTION FENCING SHALL BE INSTALLED PRIOR TO ANY DEMOLITION.

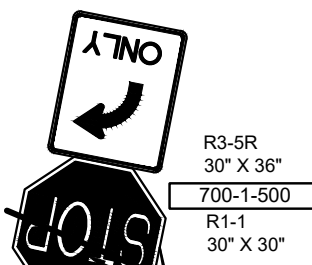
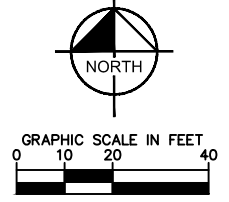
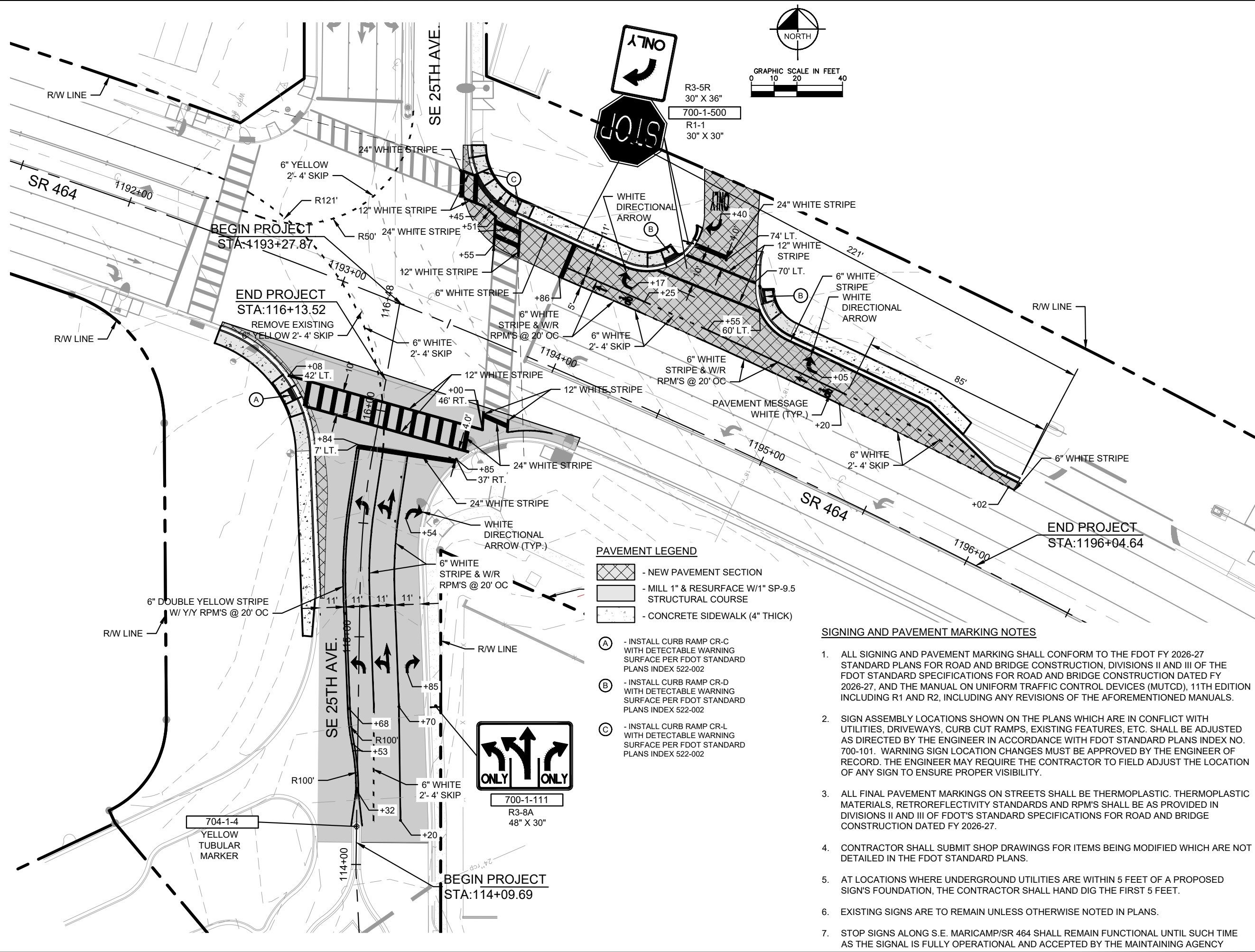
CURB INLET
 THROAT = 80.58
 SW INV = 75.64
 NE INV = 73.08
 SE INV = 75.53

CURB INLET
 THROAT = 76.28
 SW INV = 73.22
 NW INV = 72.03

CURB INLET
 FULL OF DIRT
 (UNABLE TO GET INVERTS)

Kimley & Horn	LICENSED PROFESSIONAL AMBER L. GARTNER, P.E. FLORIDA LICENSE NUMBER 72294	KHA PROJECT 142911006 DATE APRIL 2026 SCALE AS SHOWN DESIGNED BY KHA DRAWN BY DSC CHECKED BY ALG DATE	EXISTING CONDITION & AVENUE INTERSECTION IMPROVEMENTS DEMOLITION PLAN PREPARED FOR CITY OF OCALA FLORIDA	REVISIONS No. DATE BY BID SET - NOT FOR CONSTRUCTION
© 2026 KIMLEY-HORN AND ASSOCIATES, INC. 1700 BE 17TH STREET, SUITE 200, OCALA, FLORIDA 34471 PHONE: 352-438-3000 WWW.KIMLEY-HORN.COM REGISTRY NO. 35108		SR 464 AND SE 25TH AVENUE INTERSECTION IMPROVEMENTS SHEET NUMBER C007		THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

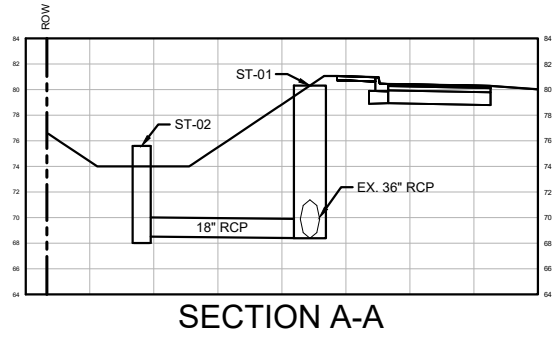
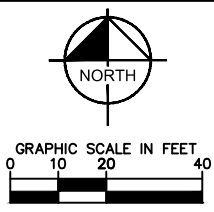
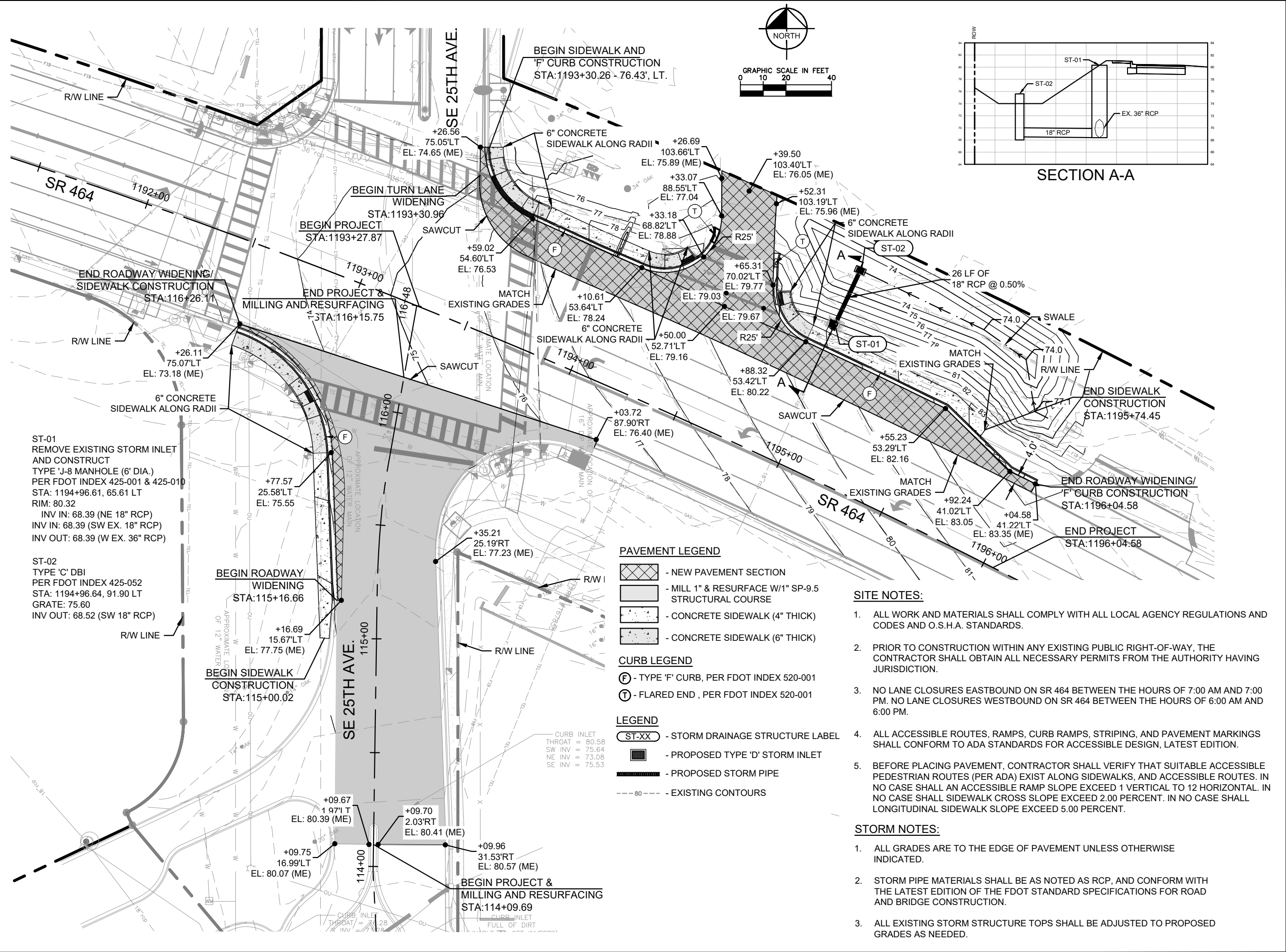


- SIGNING AND PAVEMENT MARKING NOTES**
- (A) - INSTALL CURB RAMP CR-C WITH DETECTABLE WARNING SURFACE PER FDOT STANDARD PLANS INDEX 522-002
 - (B) - INSTALL CURB RAMP CR-D WITH DETECTABLE WARNING SURFACE PER FDOT STANDARD PLANS INDEX 522-002
 - (C) - INSTALL CURB RAMP CR-L WITH DETECTABLE WARNING SURFACE PER FDOT STANDARD PLANS INDEX 522-002

1. ALL SIGNING AND PAVEMENT MARKING SHALL CONFORM TO THE FDOT FY 2026-27 STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION, DIVISIONS II AND III OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION DATED FY 2026-27, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), 11TH EDITION INCLUDING R1 AND R2, INCLUDING ANY REVISIONS OF THE AFOREMENTIONED MANUALS.
2. SIGN ASSEMBLY LOCATIONS SHOWN ON THE PLANS WHICH ARE IN CONFLICT WITH UTILITIES, DRIVEWAYS, CURB CUT RAMPS, EXISTING FEATURES, ETC. SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER IN ACCORDANCE WITH FDOT STANDARD PLANS INDEX NO. 700-101. WARNING SIGN LOCATION CHANGES MUST BE APPROVED BY THE ENGINEER OF RECORD. THE ENGINEER MAY REQUIRE THE CONTRACTOR TO FIELD ADJUST THE LOCATION OF ANY SIGN TO ENSURE PROPER VISIBILITY.
3. ALL FINAL PAVEMENT MARKINGS ON STREETS SHALL BE THERMOPLASTIC. THERMOPLASTIC MATERIALS, RETROREFLECTIVITY STANDARDS AND RPM'S SHALL BE AS PROVIDED IN DIVISIONS II AND III OF FDOT'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION DATED FY 2026-27.
4. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ITEMS BEING MODIFIED WHICH ARE NOT DETAILED IN THE FDOT STANDARD PLANS.
5. AT LOCATIONS WHERE UNDERGROUND UTILITIES ARE WITHIN 5 FEET OF A PROPOSED SIGN'S FOUNDATION, THE CONTRACTOR SHALL HAND DIG THE FIRST 5 FEET.
6. EXISTING SIGNS ARE TO REMAIN UNLESS OTHERWISE NOTED IN PLANS.
7. STOP SIGNS ALONG S.E. MARICAMP/SR 464 SHALL REMAIN FUNCTIONAL UNTIL SUCH TIME AS THE SIGNAL IS FULLY OPERATIONAL AND ACCEPTED BY THE MAINTAINING AGENCY

SIGNING & MARKING PLAN	
SR 464 AND SE 25TH AVENUE INTERSECTION IMPROVEMENTS PREPARED FOR CITY OF OCALA	FLORIDA CITY OF OCALA
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.	
SHEET NUMBER C008	DATE REVISIONS No. _____ DATE _____ BID SET - NOT FOR CONSTRUCTION
Kimley-Horn <small>© 2026 KIMLEY-HORN AND ASSOCIATES, INC. 1700 SE 17TH STREET, SUITE 200, OCALA, FLORIDA 34471 WWW.KIMLEY-HORN.COM REGISTRY NO. 35108</small>	
LICENSED PROFESSIONAL AMBER L. GARTNER, P.E. FLORIDA LICENSE NUMBER 72294	
KHA PROJECT 142911006 DATE APRIL 2026 SCALE AS SHOWN DESIGNED BY KHA DRAWN BY DSC CHECKED BY ALG	

This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of any part of this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



ST-01
 REMOVE EXISTING STORM INLET AND CONSTRUCT TYPE 'J-8' MANHOLE (6' DIA.) PER FDOT INDEX 425-001 & 425-010
 STA: 1194+96.61, 65.61 LT
 RIM: 80.32
 INV IN: 68.39 (NE 18" RCP)
 INV IN: 68.39 (SW EX. 18" RCP)
 INV OUT: 68.39 (W EX. 36" RCP)

ST-02
 TYPE 'C' DBI PER FDOT INDEX 425-052
 STA: 1194+96.64, 91.90 LT
 GRATE: 75.60
 INV OUT: 68.52 (SW 18" RCP)

- PAVEMENT LEGEND**
- NEW PAVEMENT SECTION
 - MILL 1" & RESURFACE W/1" SP-9.5 STRUCTURAL COURSE
 - CONCRETE SIDEWALK (4" THICK)
 - CONCRETE SIDEWALK (6" THICK)
- CURB LEGEND**
- TYPE 'F' CURB, PER FDOT INDEX 520-001
 - FLARED END, PER FDOT INDEX 520-001
- LEGEND**
- STORM DRAINAGE STRUCTURE LABEL
 - PROPOSED TYPE 'D' STORM INLET
 - PROPOSED STORM PIPE
 - EXISTING CONTOURS

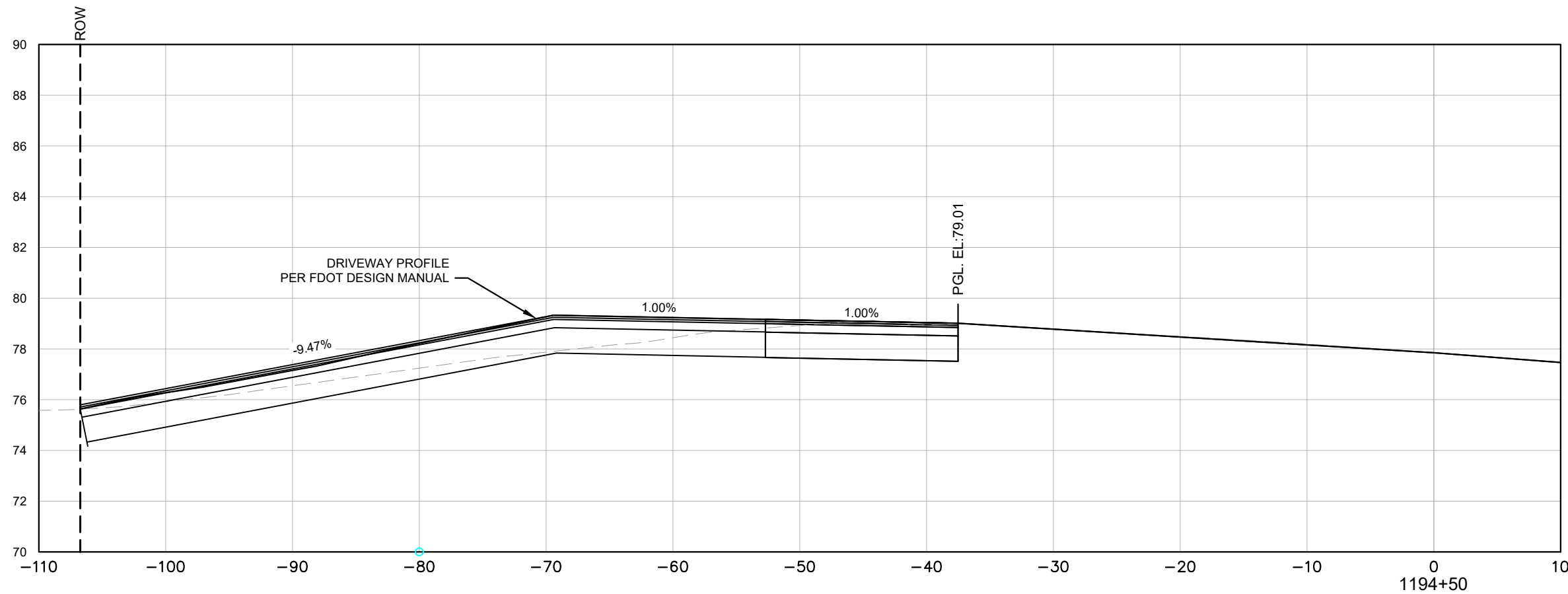
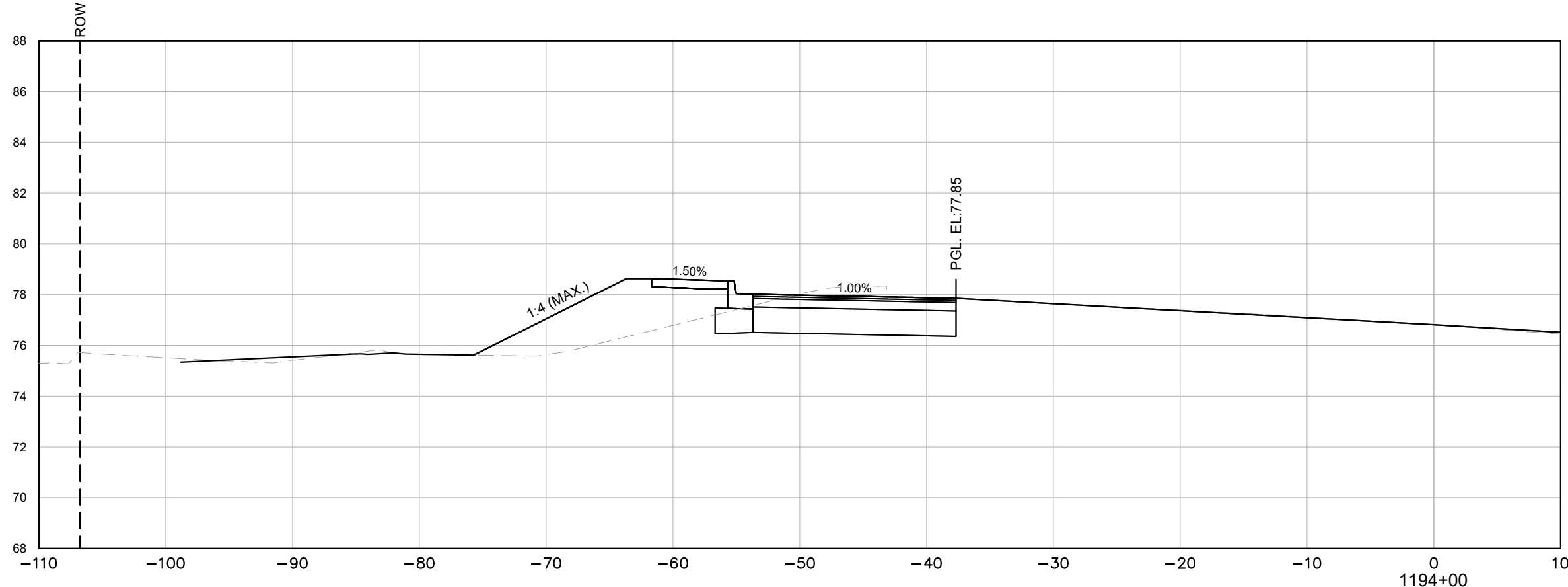
- SITE NOTES:**
- ALL WORK AND MATERIALS SHALL COMPLY WITH ALL LOCAL AGENCY REGULATIONS AND CODES AND O.S.H.A. STANDARDS.
 - PRIOR TO CONSTRUCTION WITHIN ANY EXISTING PUBLIC RIGHT-OF-WAY, THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FROM THE AUTHORITY HAVING JURISDICTION.
 - NO LANE CLOSURES EASTBOUND ON SR 464 BETWEEN THE HOURS OF 7:00 AM AND 7:00 PM. NO LANE CLOSURES WESTBOUND ON SR 464 BETWEEN THE HOURS OF 6:00 AM AND 6:00 PM.
 - ALL ACCESSIBLE ROUTES, RAMPS, CURB RAMPS, STRIPING, AND PAVEMENT MARKINGS SHALL CONFORM TO ADA STANDARDS FOR ACCESSIBLE DESIGN, LATEST EDITION.
 - BEFORE PLACING PAVEMENT, CONTRACTOR SHALL VERIFY THAT SUITABLE ACCESSIBLE PEDESTRIAN ROUTES (PER ADA) EXIST ALONG SIDEWALKS, AND ACCESSIBLE ROUTES. IN NO CASE SHALL AN ACCESSIBLE RAMP SLOPE EXCEED 1 VERTICAL TO 12 HORIZONTAL. IN NO CASE SHALL SIDEWALK CROSS SLOPE EXCEED 2.00 PERCENT. IN NO CASE SHALL LONGITUDINAL SIDEWALK SLOPE EXCEED 5.00 PERCENT.

- STORM NOTES:**
- ALL GRADES ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE INDICATED.
 - STORM PIPE MATERIALS SHALL BE AS NOTED AS RCP, AND CONFORM WITH THE LATEST EDITION OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
 - ALL EXISTING STORM STRUCTURE TOPS SHALL BE ADJUSTED TO PROPOSED GRADES AS NEEDED.

Kimley & Horn	LICENSED PROFESSIONAL AMBER L. GARTNER, P.E. FLORIDA LICENSE NUMBER 72294	SCALE: AS SHOWN DESIGNED BY: KHA DRAWN BY: DSC CHECKED BY: ALG	DATE: APRIL 2026 PROJECT: 142911006	REVISIONS No. _____ DATE _____
SR 464 AND SE 25TH AVENUE INTERSECTION IMPROVEMENTS DRAINAGE PLAN				
PREPARED FOR CITY OF OCALA FLORIDA				
SHEET NUMBER C009				

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



SCALE AS SHOWN
 1" = 10' HORIZ.
 1" = 5' VERT.

SR 464 AND SE 25TH
 AVENUE INTERSECTION
 IMPROVEMENTS
 PREPARED FOR
 CITY OF OCALA
 CITY OF OCALA
 FLORIDA

CROSS SECTIONS

KHA PROJECT
 142911006
 DATE
 APRIL 2026
 SCALE AS SHOWN
 DESIGNED BY KHA
 DRAWN BY DSC
 CHECKED BY ALG
 LICENSED PROFESSIONAL
 AMBER L. GARTNER, P.E.
 FLORIDA LICENSE NUMBER
 72294

© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
 1700 SE 17TH STREET, SUITE 200, OCALA, FLORIDA 34471
 WWW.KIMLEY-HORN.COM PHONE: 352-438-3000

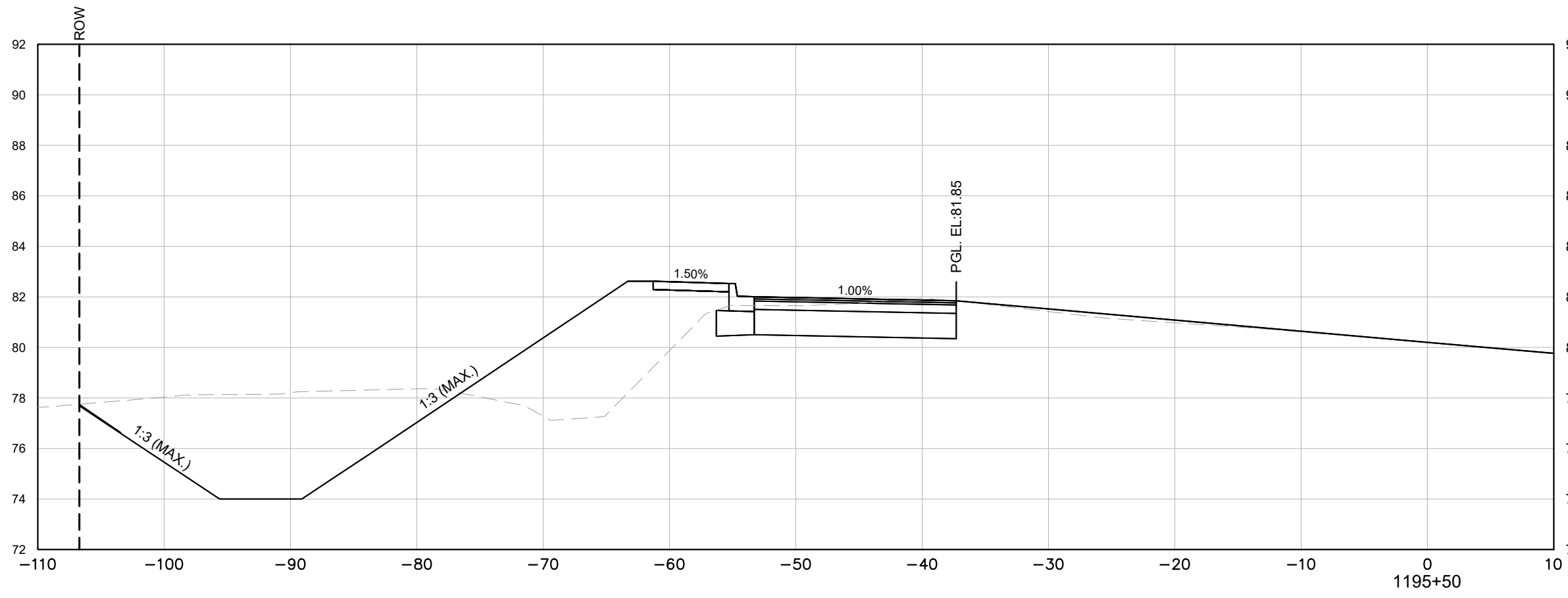
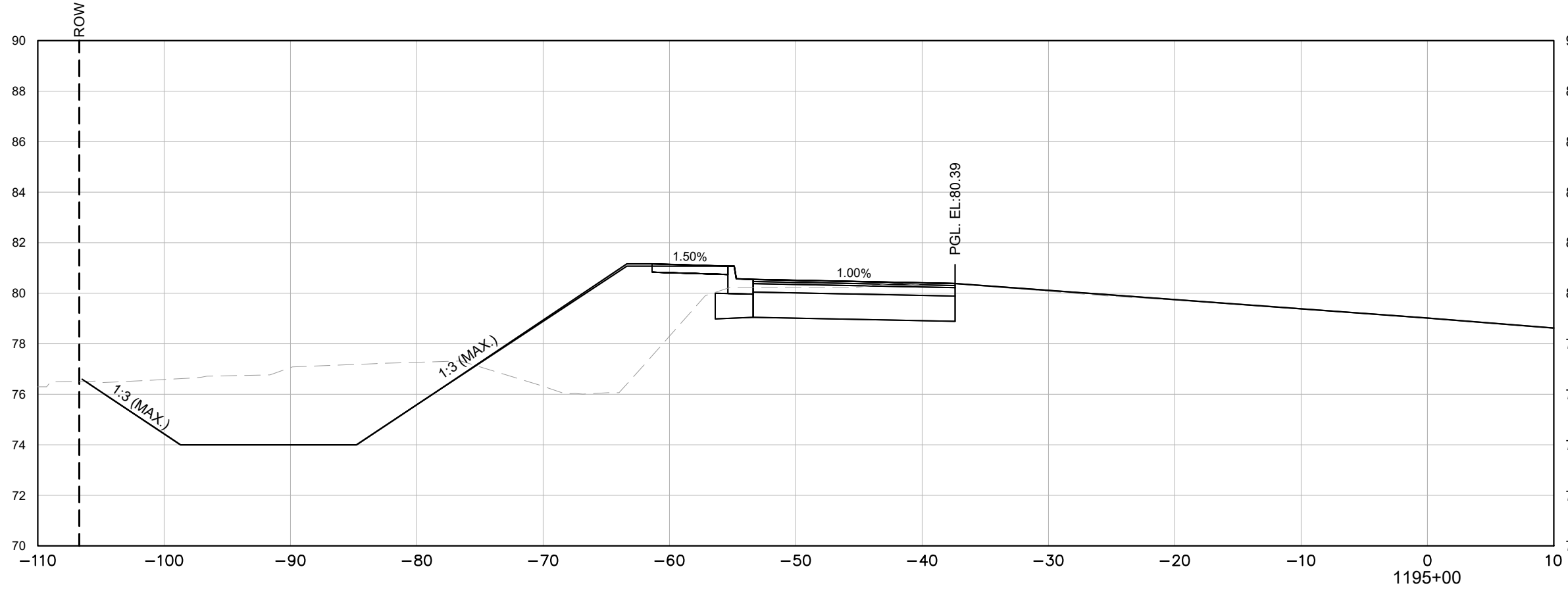
No.	REVISIONS	DATE	BY
1	BID SET - NOT FOR CONSTRUCTION		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SHEET NUMBER
C010

KHA PROJECT 142911006 DATE APRIL 2026 SCALE AS SHOWN DESIGNED BY KHA DRAWN BY DSC CHECKED BY ALG DATE
 © 2026 KIMLEY-HORN AND ASSOCIATES, INC. ALL RIGHTS RESERVED. THIS DOCUMENT IS THE PROPERTY OF KIMLEY-HORN AND ASSOCIATES, INC. AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM. WITHOUT THE WRITTEN PERMISSION OF KIMLEY-HORN AND ASSOCIATES, INC. THIS DOCUMENT IS NOT TO BE USED FOR ANY OTHER PROJECT.

This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

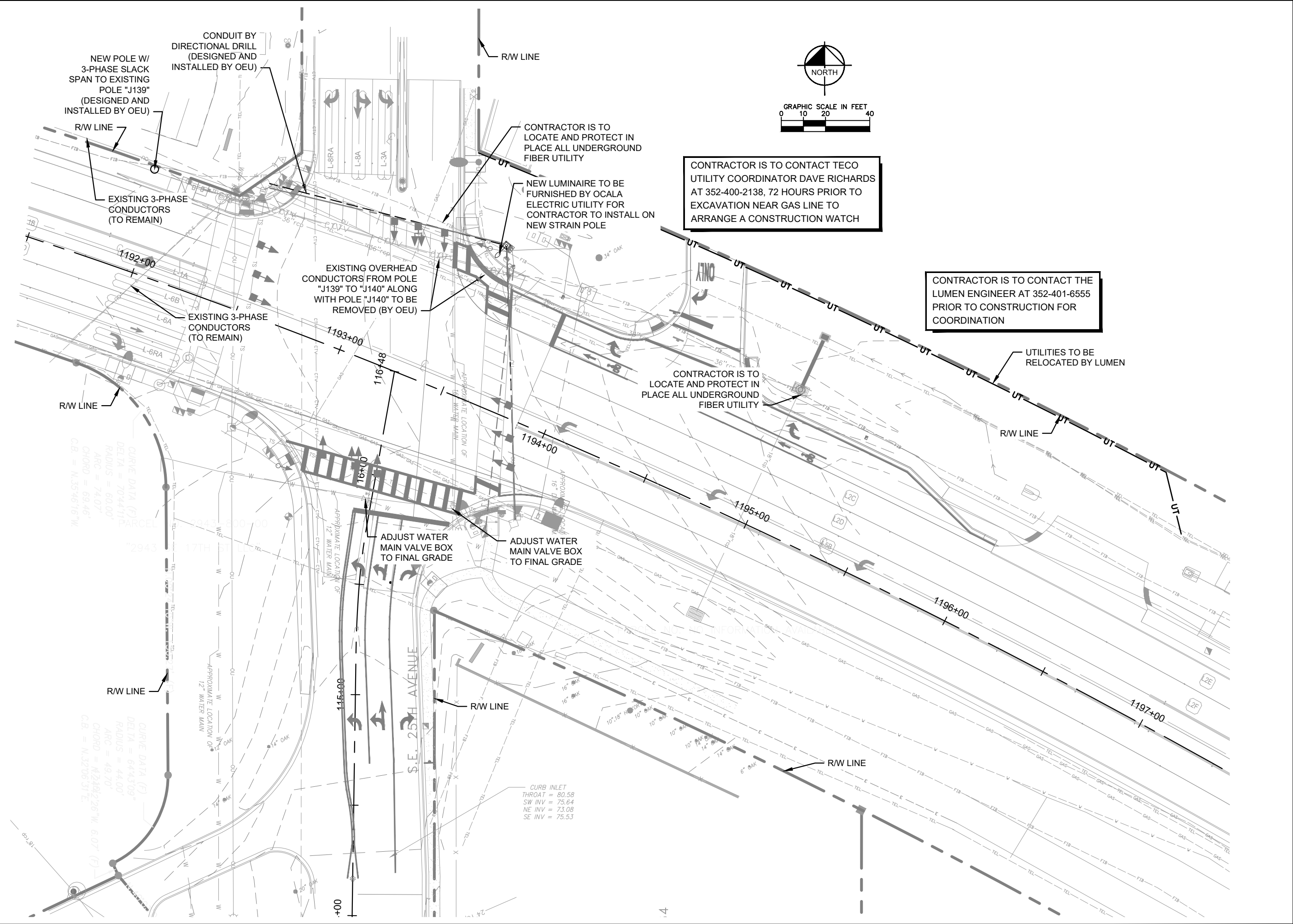


SCALE AS SHOWN
 1" = 10' HORIZ.
 1" = 5' VERT.

CROSS SECTIONS		KHA PROJECT 142911006	
SR 464 AND SE 25TH AVENUE INTERSECTION IMPROVEMENTS PREPARED FOR CITY OF OCALA FLORIDA		DATE APRIL 2026	
SHEET NUMBER C011		LICENSED PROFESSIONAL AMBER L. GARTNER, P.E. FLORIDA LICENSE NUMBER 72294	
CITY OF OCALA		DESIGNED BY KHA	
CITY OF OCALA		DRAWN BY DSC	
CITY OF OCALA		CHECKED BY ALG	
PREPARED FOR CITY OF OCALA		FLORIDA LICENSE NUMBER 72294	
CITY OF OCALA		WWW.KIMLEY-HORN.COM REGISTRY NO. 35106	
CITY OF OCALA		© 2026 KIMLEY-HORN AND ASSOCIATES, INC. 1700 SE 17TH STREET, SUITE 200, OCALA, FLORIDA 34471 PHONE: 352-438-3000	
CITY OF OCALA		Kimley-Horn	
CITY OF OCALA		REVISIONS	
CITY OF OCALA		No.	
CITY OF OCALA		DATE	
CITY OF OCALA		BY	

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



NO.	REVISIONS	DATE	BY
1	BID SET - NOT FOR CONSTRUCTION		

Kimley-Horn
 © 2026 KIMLEY-HORN AND ASSOCIATES, INC.
 1700 SE 17TH STREET, SUITE 200, OCALA, FLORIDA 34471
 PHONE: 352-438-3000
 WWW.KIMLEY-HORN.COM REGISTRY NO. 35108

LICENSED PROFESSIONAL	AMBER L. GARTNER, P.E.
FLORIDA LICENSE NUMBER	72294
CHECKED BY	ALG
DRAWN BY	DSC
DESIGNED BY	KHA
SCALE	AS SHOWN
DATE	APRIL 2026
KHA PROJECT	1429T1006

UTILITY PLAN

SR 464 AND SE 25TH AVENUE INTERSECTION IMPROVEMENTS
 PREPARED FOR
 CITY OF OCALA
 FLORIDA

SHEET NUMBER
C012

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

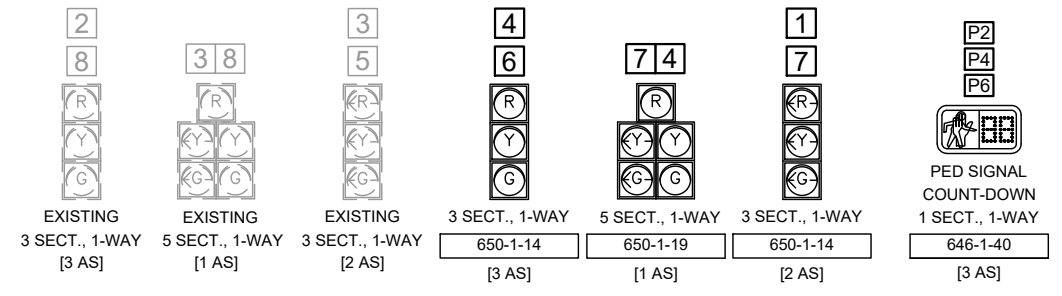
CONTROLLER TIMINGS									
TIMING FUNCTION		1	2	3	4	5	6	7	8
TIMING FUNCTION	MOVEMENT NUMBER	1	2	3	4	5	6	7	8
	YELLOW CLEARANCE	-	-	-	-	-	-	-	-
	ALL RED	-	-	-	-	-	-	-	-
	PEDESTRIAN WALK	-	7	-	7	-	-	-	-
	PED. CLEARANCE	-	26	-	30	-	-	-	-

NOTE: EXISTING TIMINGS TO BE MAINTAINED, APART FROM THOSE SHOWN IN THE TABLE

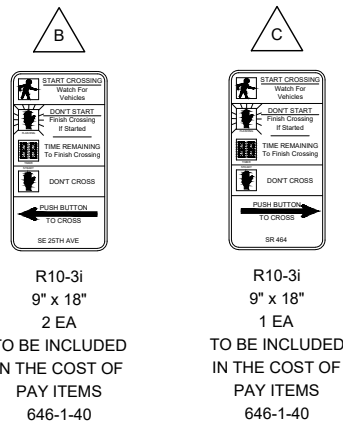
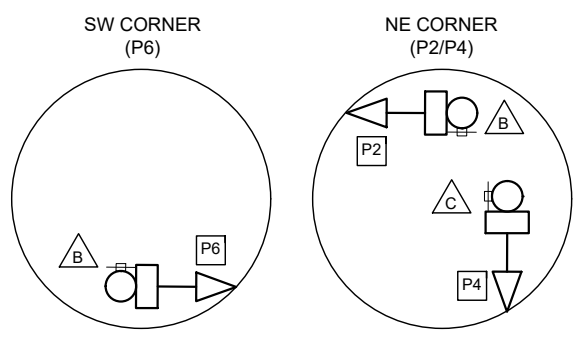
▲
SE 17th ST

INTERNALLY ILLUMINATED OVERHEAD SIGN
DOUBLE-SIDED
700-5-50
[1 EA]

SIGNAL HEAD DETAILS



PED POLE DETAILS
N.T.S.



NOTES:

- DOCUMENT TIMINGS IN EXISTING CONTROLLER.
- EXISTING TRAFFIC SIGNAL TIMINGS TO REMAIN UNLESS OTHERWISE NOTED. SEE CONTROLLER TIMINGS CHART FOR PROPOSED CONTROLLER TIMING ADJUSTMENTS.
- MAJOR STREET IS SR 464 (POSTED SPEED: 45 MPH).
- MINOR STREET IS SE 25TH STREET (POSTED SPEED: 30).
- SIGNAL OPERATING PLAN SHALL BE SOP 9 AS SHOWN.
- FLASHING OPERATION: SIGNAL HEADS 2 AND 6 YELLOW, ALL OTHERS RED.
- ALL EXISTING SIGNAL AND ITS EQUIPMENT ON POLE 1-2 TO BE RELOCATED TO NEW POLE.
- ALL EXISTING SIGNAL AND ITS EQUIPMENT ON POLES 1-1, 1-3, 1-4 TO REMAIN.

PED SIGN DETAILS
N.T.S.

SPAN TABULATION

POLE ID	SPAN	CROWN ELEV.	SPAN LENGTH (ft)	BACK-PLATES (Y/N)	SIGNAL DATA								SIGN DATA DISTANCE FROM POLE (D#) / HEIGHT (H) / WIDTH (W)						
					DISTANCE FROM POLE (D#) / NUMBER OF SECTIONS (S)								DISTANCE FROM POLE (D#) / HEIGHT (H) / WIDTH (W)						
					POLE	D1 (ft)	S	D2 (ft)	S	D3 (ft)	S	D4 (ft)	S	D1 (ft)	H	W	D2 (ft)	H	W
*1-1	1	75.11'	111	Y	1-2	27.5	3	39.8	5	50.8	3	-	-	-	-	-	-	-	-
1-2	1	75.11'	111	Y	1-2	27.5	3	39.8	5	50.8	3	-	-	-	-	-	-	-	-
1-2	2	76.86'	124	Y	1-3	23.1	3	36.1	3	51.0	3	-	-	-	-	-	-	-	-
*1-3	2	76.86'	124	Y	1-3	23.1	3	36.1	3	51.0	3	-	-	-	-	-	-	-	-
*1-3	3	75.88'	±133	-	1-4	*42.7	*3	*58.0	*5	*68.7	*3	-	-	-	-	-	-	-	-
*1-4	3	75.88'	±133	-	1-4	*42.7	*3	*58.0	*5	*68.7	*3	-	-	-	-	-	-	-	-
*1-4	4	73.72'	±109	-	1-1	*26.1	*3	*39.5	*3	*50.1	*3	-	-	-	-	-	-	-	-
*1-1	4	73.72'	±109	-	1-1	*26.1	*3	*39.5	*3	*50.1	*3	-	-	-	-	-	-	-	-

* STRAIN POLES, SPAN, AND SIGNAL FIXTURES ARE EXISTING AND TO REMAIN

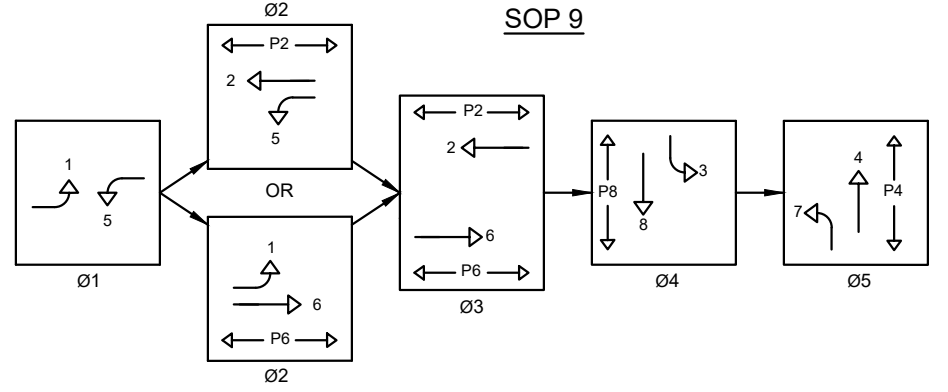
DETECTOR	DETECTOR ID	BIU NO.	CARD NO.	CHANNEL NO.	DIRECTION	DELAY SEC.	DETECTOR SYSTEM	DETECTOR TYPE	APP. SPEED MPH	LANE NO.	ZONE SIZE	DISTANCE TO STOP BAR	MOVEMENT TYPE
L-4RA	XXXXX09	1	5	1	NBR	10	LOOPS	SBP	30	*	6'X 40'	-2	R
L-4RB	XXXXX10			2	NBR		LOOPS	ACS/AS	30	*	6'X 6'	90	R
L-4A	XXXXX11			1	NBT		LOOPS	SBP	30	*	6'X 40'	-2	TL
L-4B	XXXXX12			2	NBT		LOOPS	ACS/AS	30	*	6'X 6'	90	TL
L-7A	XXXXX13	7	1	1	NBL		LOOPS	SBP	30	*	6'X 40'	-2	L
L-7B	XXXXX14			2	NBL		LOOPS	ACS/AS	30	*	6'X 6'	90	L
L-2RA	XXXXX35	3	18	1	WBR	10	LOOPS	SBP	45	*	6'X 40'	-2	R
L-2RB	XXXXX36			2	WBR		LOOPS	ACS/AS	45	*	6'X 6'	150	R

LEGEND:
ACS = ADVANCE COUNT SENSOR
AB = ADVANCE SPEED
SBP = STOP BAR PRESENCE
DZ = DETECTION ZONE
L = LEFT
R = RIGHT
T = THROUGH
TL = THROUGH-LEFT

* CONFIRM LANE NUMBERS WITH THE CITY OF OCALA DURING CONSTRUCTION.
NOTE:
1. DISTANCE TO STOP BAR IS MEASURED FROM FRONT OF DETECTION LOOP.
2. ONLY ADDED AND MODIFIED DETECTORS CHANNELS ARE SHOWN. ALL OTHER EXISTING DETECTOR CHANNELS TO BE MAINTAINED.
3. NOT ALL 64 DETECTOR CHANNELS ARE SHOWN. CHANNELS NOT SHOWN SHALL BE AS PROGRAMMED IN EXISTING CONDITIONS OR LEFT AS SPARES.

CONTRACTOR WILL BE REQUIRED TO HAVE AN I.M.S.A. LEVEL II SIGNAL TECHNICIAN ON SITE THROUGH ALL PHASES OF CONSTRUCTION AND ON CALL WITH A 2-HOUR MAXIMUM RESPONSE TIME.

SIGNAL OPERATING PLAN



NO.	REVISIONS	DATE	BY
1	BID SET - NOT FOR CONSTRUCTION		

Kimley-Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
1700 SE 17TH STREET, SUITE 200, OCALA, FLORIDA 34471
WWW.KIMLEY-HORN.COM REGISTRY NO. 35108
PHONE: 352-438-3000

LICENSED PROFESSIONAL
AMBER L. GARTNER, P.E.
FLORIDA LICENSE NUMBER 72294
DRAWN BY: DSC
CHECKED BY: ALG
DATE:

SIGNALIZATION PLAN

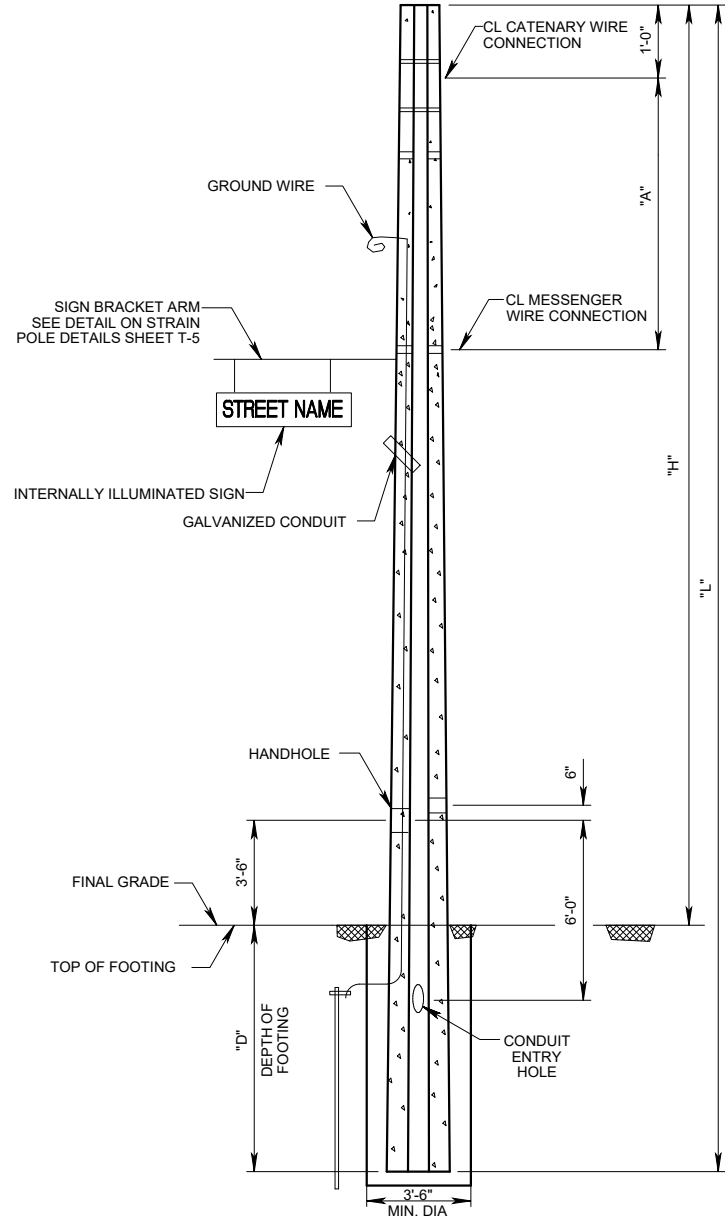
SR 464 AND SE 25TH AVENUE INTERSECTION IMPROVEMENTS
PREPARED FOR CITY OF OCALA
FLORIDA

SHEET NUMBER T-1A

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

P:\2026\SR 464 AND SE 25TH AVENUE INTERSECTION IMPROVEMENTS\PROJECT\STRAN POLE SCHEDULE.dwg, Layout 1: STRAN POLE SCHEDULE, April 2026, Design/Drawn

This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



**DETAIL OF PRESTRESSED CONCRETE
 STRAIN POLES TYPE P-VII**
 (SEE INDEX 641-010 FOR POLE DETAILS)

POLE ID	SHEET NO.	POLE LOCATION				POLE TYPE	POLE LENGTH (L)	POLE HEIGHT (H)	DEPTH (D)	DIMENSION (A)	CROWN ELEVATION		FINAL GRADE	CATENARY WIRE DIA. (IN.) / GRADE	MESSENGER WIRE DIA. (IN.) / GRADE
		STATION #	OFFSET	NORTHING	EASTING						POLE	ELEVATION			
*1-1	T-1	*1192+42.97	*57.99, LT	*	*	*P-VII	*46'	*33.9'	*12.1'	*7.7'	1-1 75.1'	-	0.375" / UTILITY GRADE	0.375" / UTILITY GRADE	
1-2	T-1	1193+51.76	71.83, LT	1758525.0503	623277.5715	P-VII	48'	35.0'	13.0'	7.75'	1-2 75.0'	75.0'	0.375" / UTILITY GRADE	0.375" / UTILITY GRADE	
											1-3	-	-	0.375" / UTILITY GRADE	0.375" / UTILITY GRADE
*1-3	T-1	*1194+03.38	*42.66, RT	*	*	*P-VII	*44'	*31.0'	*13.0'	*7.7'	1-3 -	-	0.375" / UTILITY GRADE	0.375" / UTILITY GRADE	
*1-4	T-1	*1192+66.61	*50.33, RT	*	*	*P-VII	*46'	*33.8'	*12.2'	*7.7'	1-4 -	-	0.375" / UTILITY GRADE	0.375" / UTILITY GRADE	
											1-1	-	-	0.375" / UTILITY GRADE	0.375" / UTILITY GRADE

GENERAL NOTES:

- THIS DESIGN IS FOR SPAN WIRE ASSEMBLY WITH TWO-POINT ATTACHMENTS. INSTALLATION SHALL BE IN ACCORDANCE WITH THE FY 2026-27 EDITION OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- FOUNDATION NOTES:
 1) DESIGN BASED ON INFORMATION PROVIDED IN THE SIGNED GEOTECHNICAL REPORT PROVIDED BY GEOTECH, INC, DATED APRIL 26, 2023. (PROJECT # 23-7154.04.1)
 POLE 1-1
 SOIL FRICTION ANGLE = 28°
 EFFECTIVE UNIT WEIGHT = 37.6 PCF

 POLE 1-2
 SOIL FRICTION ANGLE = 28.2°
 EFFECTIVE UNIT WEIGHT = 44.2 PCF

 POLE 1-3
 SOIL FRICTION ANGLE = 29.1°
 EFFECTIVE UNIT WEIGHT = 43.8 PCF

 POLE 1-4
 SOIL FRICTION ANGLE = 29.4°
 EFFECTIVE UNIT WEIGHT = 44.0 PCF
- ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SPECIFIED.
- PRESTRESSED CONCRETE STRAIN POLES SHALL BE CONSTRUCTED WITH A CONCRETE FOOTING AS PER SECTION 641-4.2.
- WORK THIS SHEET WITH THE FDOT FY 2026-27 STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION, WITH APPLICABLE DESIGN STANDARD MODIFICATIONS. SEE INDEX 641-010 FOR CONCRETE POLES AND 634-001 FOR SIGN CABLE AND SPAN WIRE INSTALLATION DETAILS.
- DESIGN WIND SPEED = 140 MPH

* DENOTES EXISTING POLE TO REMAIN

STRAIN POLE SCHEDULE

No.	REVISIONS	DATE	BY
1	BID SET - NOT FOR CONSTRUCTION		



© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
 200 SOUTH ORANGE AVENUE, SUITE 600, ORLANDO, FLORIDA 32801
 PHONE: 407-886-1511
 WWW.KIMLEY-HORN.COM REGISTRY NO. 35106

LICENSED PROFESSIONAL
 NOLAN BRYANT VILLATORO, P.E.
 FLORIDA LICENSE NUMBER
 93862

KHA PROJECT
 142911006
 DATE
 APRIL 2026
 SCALE AS SHOWN
 DESIGNED BY KHA
 DRAWN BY DSC
 CHECKED BY ALG

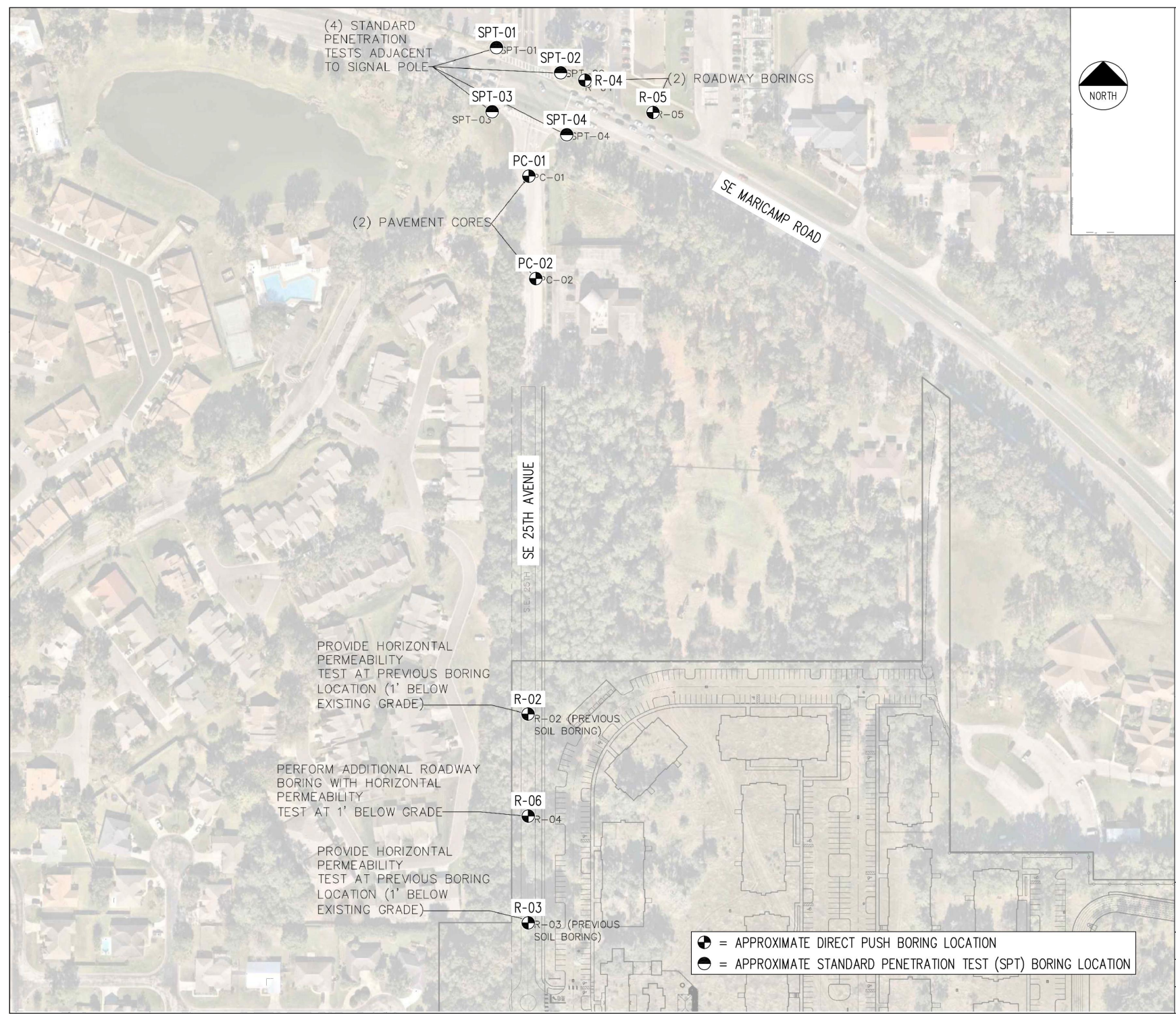
**STRAIN POLE
 SCHEDULE**

SR 464 AND SE 25TH
 AVENUE INTERSECTION
 IMPROVEMENTS
 PREPARED FOR
 CITY OF OCALA
 FLORIDA

SHEET NUMBER
T-2

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



GEO-TECH, INC.

■ GEOTECHNICAL ■ ENVIRONMENTAL
 ■ CONSTRUCTION MATERIALS TESTING ■ GEOPHYSICAL EXPLORATION
 1016 SE 3rd AVENUE, OCALA, FLORIDA 34471 ~ (352) 894-7711

TRIMCOR CONSTRUCTION OF FLORIDA, LLC
 LEGENDS AT MARICAMP DEVELOPMENT
 SE MARICAMP ROAD
 OCALA, FLORIDA

BORING LOCATION MAP

PROJECT NO. 23-7154.04.1

SCALE: N.T.S.

DATE: 4-25-13

FIGURE: 1

SIGNAL SOIL BORINGS	KHA PROJECT 142911006 DATE APRIL 2026 SCALE AS SHOWN DESIGNED BY KHA DRAWN BY DSC CHECKED BY ALG	LICENSED PROFESSIONAL AMBER L. GARTNER, P.E. FLORIDA LICENSE NUMBER 72294	SR 464 AND SE 25TH AVENUE INTERSECTION IMPROVEMENTS PREPARED FOR CITY OF OCALA FLORIDA	SHEET NUMBER T-3
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.				
			REVISIONS No. _____ DATE _____	BY _____
			BID SET - NOT FOR CONSTRUCTION	No. _____ DATE _____


This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

Log of Borehole: SPT-01

Project: LEGENDS AT MARICAMP DEVELOPMENT, SE MARICAMP RD Project No: 23-7154.04.1

Boring Location: (SEE BORING LOCATION MAP) Engineer: NJH/CAH

Client: TRIMCOR CONSTRUCTION OF FLORIDA, LLC Enclosure: BORING MAP



GEO-TECH, INC.
ENGINEERING CONSULTANTS
1016 SE 3rd Avenue
Ocala, Florida
352.694.7711
WWW.GEOTECHFL.COM

Depth (ft)	Symbol	Description	Consistency	Depth/Elev.	Number	Type	Blows/ft	Standard Penetration Test N-Values
								0 20 40 60 80 100
0		Ground Surface		0.0				
0-13.5		FINE SAND BROWN FINE SAND (SP)	HAND AUGERED POSSIBLE UTILITIES					
7			LOOSE		1		5	5
8			LOOSE		2		4	4
13.5-18.5		CLAYEY SAND YELLOWISH BROWN CLAYEY SAND (SC)	MEDIUM DENSE					
14				13.5	3		11	11
18.5-30.0		SLIGHTLY SANDY CLAY GREY AND YELLOWISH BROWN SLIGHTLY SANDY CLAY (CH)	STIFF					
19				18.5	4		10	10
24			MEDIUM STIFF		5		8	8
29			VERY STIFF		6		19	19
30		End of Borehole		30.0				

Ground Water Depth: **GREATER THAN 10.0 FEET** Drilled By: CC/CM/WH/LE

Drill Date: **APRIL 25, 2023** Drill Method: **ASTM D-1586**

Remarks: (SP) UNIFIED SOIL CLASSIFICATION SYMBOL AS DETERMINED BY VISUAL REVIEW


Soil Profile : 8 OF 11

Log of Borehole: SPT-02

Project: LEGENDS AT MARICAMP DEVELOPMENT, SE MARICAMP RD Project No: 23-7154.04.1

Boring Location: (SEE BORING LOCATION MAP) Engineer: NJH/CAH

Client: TRIMCOR CONSTRUCTION OF FLORIDA, LLC Enclosure: BORING MAP



GEO-TECH, INC.
ENGINEERING CONSULTANTS
1016 SE 3rd Avenue
Ocala, Florida
352.694.7711
WWW.GEOTECHFL.COM


Depth (ft)	Symbol	Description	Consistency	Depth/Elev.	Number	Type	Blows/ft	Standard Penetration Test N-Values
								0 20 40 60 80 100
0		Ground Surface		0.0				
0-5.0		FINE SAND BROWN FINE SAND (SP)	HAND AUGERED POSSIBLE UTILITIES					
5.0-18.5		CLAYEY SAND YELLOWISH BROWN CLAYEY SAND (SC)	MEDIUM DENSE					
6				5.0	1		11	11
7					2		17	17
13.5-18.5		SLIGHTLY SANDY CLAY GREY AND YELLOWISH BROWN SLIGHTLY SANDY CLAY (CH)	VERY STIFF					
14				13.5	3		21	21
18.5-30.0		SLIGHTLY SANDY CLAY GREY AND YELLOWISH BROWN SLIGHTLY SANDY CLAY (CH)	STIFF					
19				18.5	4		17	17
24			MEDIUM STIFF		5		12	12
29			STIFF		6		12	12
30		End of Borehole		30.0				

Ground Water Depth: **GREATER THAN 10.0 FEET** Drilled By: CC/CM/WH/LE

Drill Date: **APRIL 24, 2023** Drill Method: **ASTM D-1586**

Remarks: (SP) UNIFIED SOIL CLASSIFICATION SYMBOL AS DETERMINED BY VISUAL REVIEW

Soil Profile : 9 OF 11



Kimley-Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
1700 SE 17TH STREET, SUITE 200, OCALA, FLORIDA 34471
PHONE: 352-438-3000
WWW.KIMLEY-HORN.COM REGISTRY NO. 35108

KHA PROJECT: 142911006
 DATE: APRIL 2026
 SCALE: AS SHOWN
 DESIGNED BY: KHA
 DRAWN BY: DSC
 CHECKED BY: ALG

LICENSED PROFESSIONAL
 AMBER L. GARTNER, P.E.
 FLORIDA LICENSE NUMBER: 72294

DATE:

SIGNAL SOIL BORINGS

SR 464 AND SE 25TH AVENUE INTERSECTION IMPROVEMENTS PREPARED FOR CITY OF OCALA

FLORIDA

SHEET NUMBER T-4

REVISIONS

DATE

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

Log of Borehole: SPT-03

Project: **LEGENDS AT MARICAMP DEVELOPMENT, SE MARICAMP RD** Project No: **23-7154.04.1**
 Boring Location: **(SEE BORING LOCATION MAP)** Engineer: **NJH/CAH**
 Client: **TRIMCOR CONSTRUCTION OF FLORIDA, LLC** Enclosure: **BORING MAP**

GEO-TECH, INC.
 ENGINEERING CONSULTANTS

1016 SE 3rd Avenue
 Ocala, Florida
 352.694.7711
 WWW.GEOTECHFL.COM

Depth (ft)	Symbol	Description	Consistency	Depth/Elev.	Number	Type	Blows/ft	Standard Penetration Test											
								N-Values											
0		Ground Surface		0.0															
1		FINE SAND BROWN FINE SAND (SP)	HAND AUGERED POSSIBLE																
2			UTILITIES																
3																			
4																			
5				6.0															
6		CLAYEY SAND YELLOWISH BROWN CLAYEY SAND (SC)	MEDIUM DENSE		1		10												
7			MEDIUM DENSE		2		21												
8																			
9																			
10																			
11																			
12																			
13				13.5															
14		SLIGHTLY SANDY CLAY GREY AND YELLOWISH BROWN SLIGHTLY SANDY CLAY (CH)	VERY STIFF		3		18												
15																			
16																			
17																			
18																			
19			VERY STIFF		4		17												
20																			
21																			
22																			
23																			
24			STIFF		5		14												
25																			
26																			
27																			
28				28.5															
29		LIMESTONE LIGHT BROWN LIMESTONE	50 BLOWS - 5"	30.0	6		50												
30																			
31		End of Borehole																	
32																			

Ground Water Depth: **GREATER THAN 10.0 FEET** Drilled By: **CC/CM/WH/LE**
 Drill Date: **APRIL 24, 2023** Drill Method: **ASTM D-1586**
 Remarks: **(SP) UNIFIED SOIL CLASSIFICATION SYMBOL AS DETERMINED BY VISUAL REVIEW**
 Soil Profile : **10 OF 11**

Log of Borehole: SPT-04

Project: **LEGENDS AT MARICAMP DEVELOPMENT, SE MARICAMP RD** Project No: **23-7154.04.1**
 Boring Location: **(SEE BORING LOCATION MAP)** Engineer: **NJH/CAH**
 Client: **TRIMCOR CONSTRUCTION OF FLORIDA, LLC** Enclosure: **BORING MAP**

GEO-TECH, INC.
 ENGINEERING CONSULTANTS

1016 SE 3rd Avenue
 Ocala, Florida
 352.694.7711
 WWW.GEOTECHFL.COM

Depth (ft)	Symbol	Description	Consistency	Depth/Elev.	Number	Type	Blows/ft	Standard Penetration Test												
								N-Values												
0		Ground Surface		0.0																
1		FINE SAND BROWN FINE SAND (SP)	HAND AUGERED POSSIBLE																	
2			UTILITIES																	
3		CLAYEY SAND YELLOWISH BROWN CLAYEY SAND (SC)																		
4																				
5																				
6			LOOSE		1		7													
7																				
8			MEDIUM DENSE		2		13													
9																				
10																				
11																				
12																				
13																				
14			MEDIUM DENSE		3		20													
15																				
16																				
17																				
18																				
19			MEDIUM DENSE		4		24													
20																				
21																				
22																				
23																				
24			STIFF		5		13													
25		SLIGHTLY SANDY CLAY GREY AND YELLOWISH BROWN SLIGHTLY SANDY CLAY (CH)																		
26																				
27																				
28																				
29			VERY STIFF		6		19													
30																				
31		End of Borehole																		
32																				

Ground Water Depth: **GREATER THAN 10.0 FEET** Drilled By: **CC/CM/WH/LE**
 Drill Date: **APRIL 24, 2023** Drill Method: **ASTM D-1586**
 Remarks: **(SP) UNIFIED SOIL CLASSIFICATION SYMBOL AS DETERMINED BY VISUAL REVIEW**
 Soil Profile : **11 OF 11**

No.	REVISIONS	DATE	BY
1	BID SET - NOT FOR CONSTRUCTION		

Kimley-Horn

© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
 1700 SE 17TH STREET, SUITE 200, OCALA, FLORIDA 34471
 PHONE: 352-438-3000
 WWW.KIMLEY-HORN.COM REGISTRY NO. 35108

LICENSED PROFESSIONAL
 AMBER L. GARTNER, P.E.
 FLORIDA LICENSE NUMBER
 72294

**SIGNAL SOIL
BORINGS**

**SR 464 AND SE 25TH
AVENUE INTERSECTION
IMPROVEMENTS
PREPARED FOR
CITY OF OCALA**

FLORIDA

SHEET NUMBER
T-5

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.