

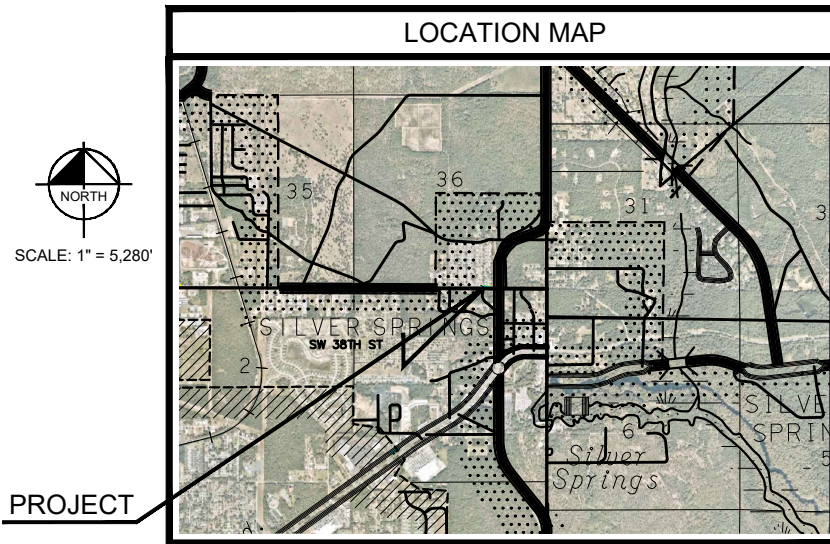
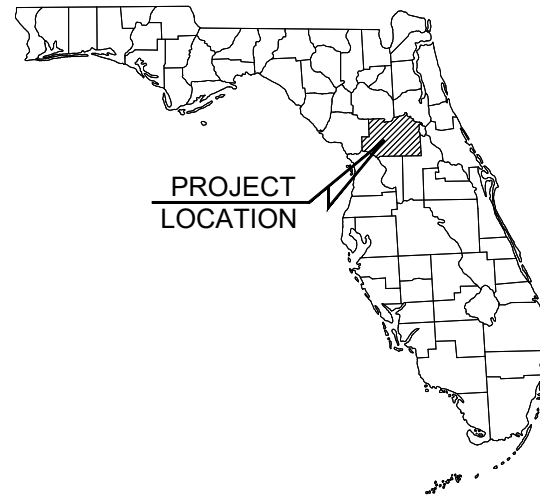
SITE PLAN FOR BUS STOP DESIGN SERVICES

CITY OF OCALA, FLORIDA

SECTION 1, TOWNSHIP 15 SOUTH, RANGE 22 EAST

BUS STOP NUMBER 2035
COORDINATES 29.218359 N -82.058015 E

MARCH 2024



DRAWING INDEX

SHEET	TITLE
C001	- COVER SHEET
C002	- GENERAL NOTES
C003	- MASTER SITE PLAN
C004	- #2035 SITE PLAN
C005	- CONSTRUCTION DETAILS

UTILITY PROVIDERS

ELECTRIC DUKE ENERGY BUILDER SERVICE LINE 1(866) 372-4663	TELEPHONE CENTURY LINK KURT JUDD (352) 401-6555
WATER & SEWER MARION COUNTY UTILITIES JOSH KRAMER (352) 438-2383	COMMUNICATIONS COX COMMUNICATIONS CRAIG SANDERS (352)-873-5631

PROJECT OWNER AND CONSULTANTS

OWNER/APPLICANT: CITY OF OCALA	CIVIL ENGINEERING CONSULTANT: KIMLEY-HORN AND ASSOCIATES, INC. 101 E. SILVER SPRINGS BLVD., SUITE 400 OCALA, FLORIDA 34470 (352) 438-3000
SURVEYOR: ECHEZABAL & ASSOCIATES, INC. 108 COUNTRY CLUB DRIVE TAMPA, FLORIDA 33612 (352) 351-0091	

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1700 SE 17TH STREET, SUITE 200, OCALA, FLORIDA 34471
PHONE: 352.438.3000
WWW.KIMLEY-HORN.COM REGISTRY NO. 35108

LICENSED PROFESSIONAL
MOHAMMED N. MURAD
FLORIDA LICENSE NUMBER
91243

KHA PROJECT
142371035
DATE
MARCH, 2024
SCALE AS SHOWN
DESIGNED BY KHA
DRAWN BY KHA
CHECKED BY MNI
DATE:

COVER SHEET

BUS STOP DESIGN
SERVICES
PREPARED FOR
CITY OF OCALA
FLORIDA

SHEET NUMBER
C001

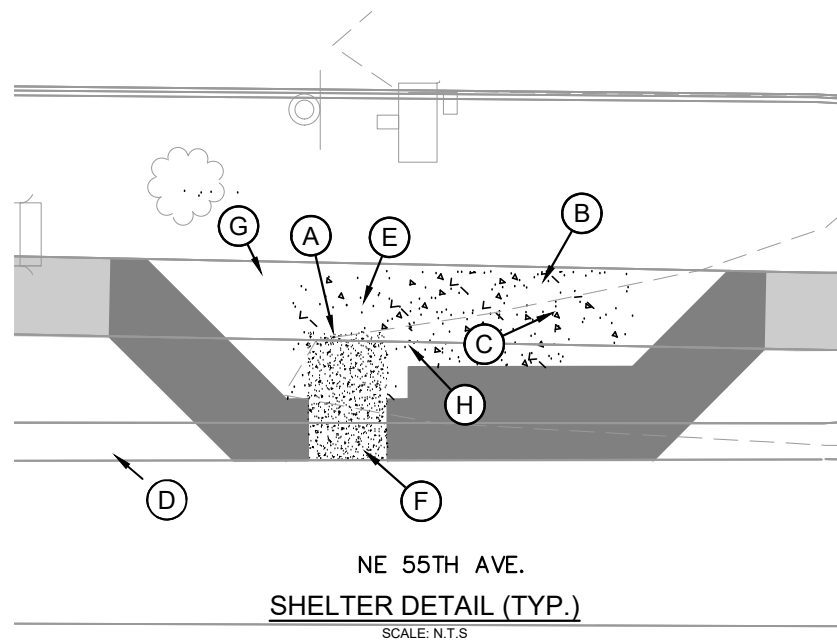
CALL 2 BUSINESS
DAYS BEFORE
YOU DIG
IT'S THE LAW!
DIAL 811

Know what's below.
Call before you dig.

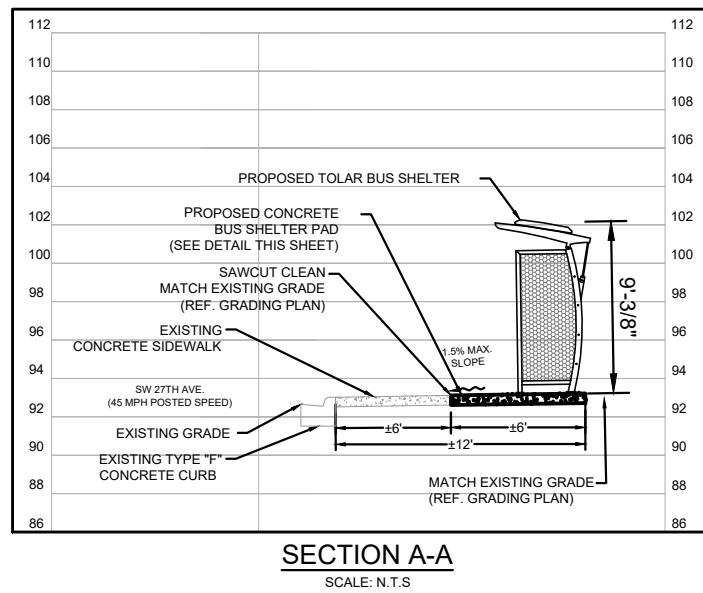
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

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- NOTES:**
- (A) MINIMUM 30"X48" CLEAR ZONE FOR WHEELCHAIR RESTING AREA DIRECTLY AT END OF BENCH
 - (B) BUS SHELTER (PROVIDED BY OWNER)
 - (C) 44" BENCH INSTALLED 6" FROM GLASS (PROVIDED BY OWNER)
 - (D) VISUAL BUS STOP SIGN SHALL BE MOUNTED 84" ABOVE FINISHED GRADE (PROVIDED BY OWNER).
 - (E) 5' WHEELCHAIR TURN-AROUND
 - (F) MINIMUM 5'X8' CLEAR ZONE FOR WHEELCHAIR LIFT/RAMP DEPLOYMENT
 - (G) 22" DIA. X 28" HT. 30 GAL TRASH CAN.
 - (H) TYPE D JOINT PER FDOT INDEX #310 DIVIDING BUS SHELTER PAD IN EQUAL HALVES.

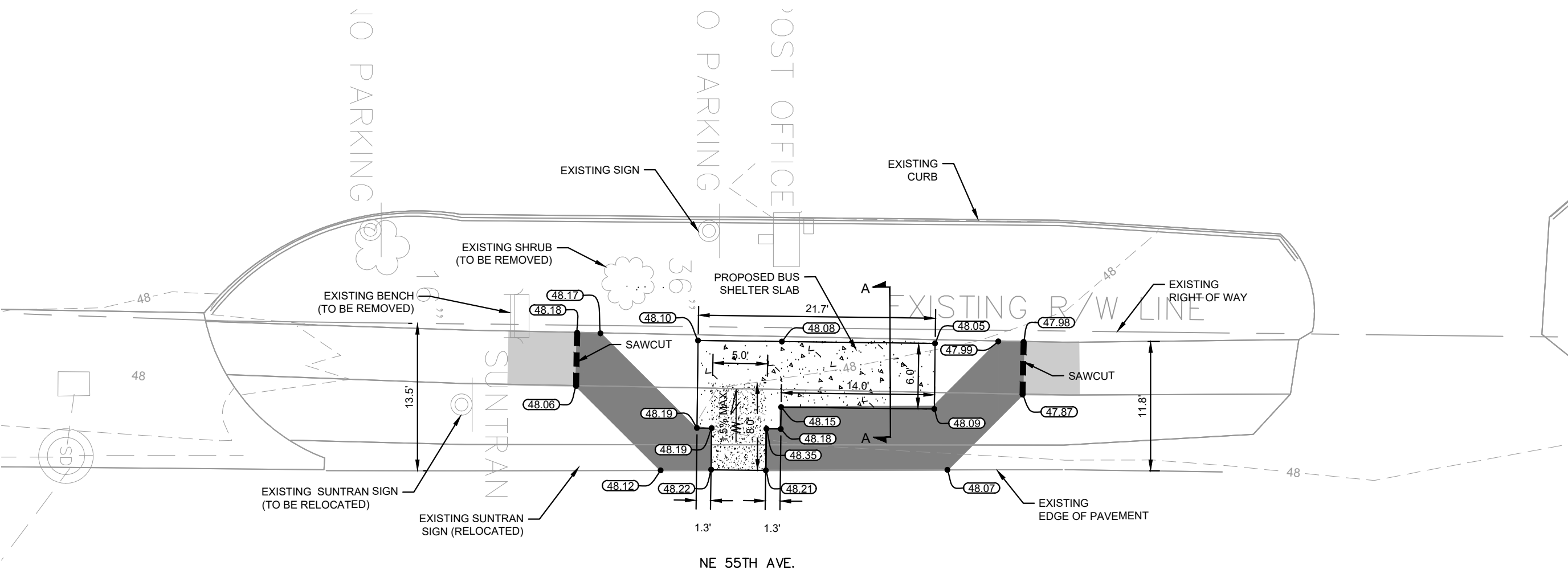
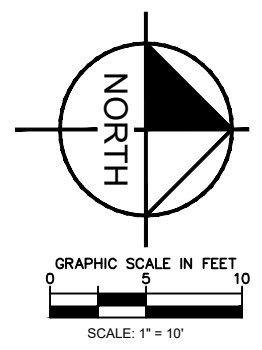


PAVEMENT LEGEND

- BUS SHELTER PAD (SEE DETAIL SHEET ####)
- BUS LANDING/LOADING PAD (SEE DETAIL SHEET ####)
- EXISTING SIDEWALK
- PROPOSED SIDEWALK (PER FDOT INDEX 522-001)
- SAWCUT, CLEAN AND MATCH EXISTING
- PROPOSED SPOT ELEVATION

NOTES:

- ALL WORK AND MATERIALS SHALL COMPLY WITH ALL CITY 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.
- CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF SLOPE PAVING, AND PRECISE BUILDING DIMENSIONS.
- SITE BOUNDARY, TOPOGRAPHY, UTILITY AND ROAD INFORMATION PER SURVEY BY ECHEZABAL & ASSOCIATES, INC., DATED .
- MAXIMUM RUNNING SLOPE ON SIDEWALKS SHALL NOT EXCEED 5% (1:20).
- MAXIMUM CROSS SLOPE ON SIDEWALKS SHALL NOT EXCEED 2% (1:48).
- MAXIMUM RUNNING SLOPE ON RAMPS SHALL NOT EXCEED 8.33% (1:12), FOR A MAXIMUM LENGTH OF 30'.
- MAXIMUM SLOPE ON SHELTER CONCRETE SLAB IN ANY DIRECTION SHALL NOT EXCEED 2.0%.



BUS STOP PLAN
#2035

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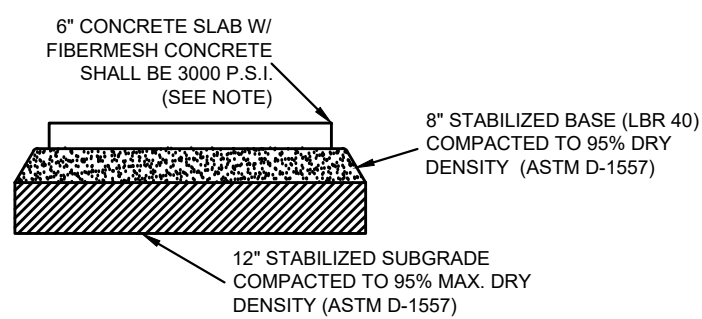
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KHA PROJECT 142371035	DATE MARCH, 2024	SCALE AS SHOWN	DESIGNED BY KHA	DRAWN BY KHA	CHECKED BY MNM	DATE	REVISIONS	BY	DATE
								NO.	DATE
<p>#2035 SITE PLAN</p>							<p>NOT FOR CONSTRUCTION</p>		
							<p>LICENSED PROFESSIONAL MOHAMMED N. MURAD FLORIDA LICENSE NUMBER 91243</p>		
<p>BUS STOP DESIGN SERVICES PREPARED FOR CITY OF OCALA FLORIDA</p>							<p>SHEET NUMBER C004</p>		

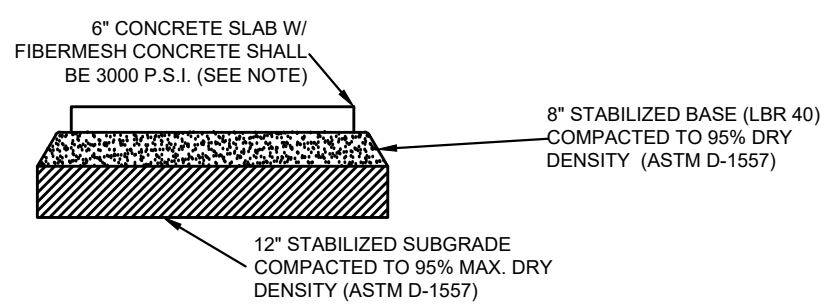
Kimley-Horn
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1700 SE 17TH STREET, SUITE 200, OCALA, FLORIDA 34471
PHONE: 352-438-3000
WWW.KIMLEY-HORN.COM REGISTRY NO. 35108

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CONCRETE BOARDING AND ALIGHTING PAD DETAIL
N.T.S.

NOTE:
 FIBERMESH CONCRETE SHALL INCLUDE SYNTHETIC FIBERS AT THE RATE OF THREE (3) POUNDS PER CUBIC YARD FOR THE 3000 PSI MIX, BASED ON A FIBER'S MODULUS OF ELASTICITY OF 1378 KSI. THIS RATE SHALL BE ADJUSTED UP OR DOWN PROPORTIONATE TO THE MODULUS OF ELASTICITY OF THE SELECTED FIBER. SYNTHETIC STRUCTURAL FIBERS SHALL MEET THE REQUIREMENTS OF ASTM C 1116, PARAGRAPH 4.1.3, TYPE III; SHALL BE MONOFILAMENT, MADE OF POLYPROPYLENE OR BLENDED POLYPROPYLENE/POLYETHYLENE; SHALL BE A MINIMUM OF ONE AND ONE-HALF INCHES (1.5") IN LENGTH; AND SHALL HAVE AN ASPECT RATIO (LENGTH/FIBER DIAMETER) BETWEEN 80 AND 100.



CONCRETE BUS SHELTER PAD DETAIL
N.T.S.

NOTE:
 FIBERMESH CONCRETE SHALL INCLUDE SYNTHETIC FIBERS AT THE RATE OF THREE (3) POUNDS PER CUBIC YARD FOR THE 3000 PSI MIX, BASED ON A FIBER'S MODULUS OF ELASTICITY OF 1378 KSI. THIS RATE SHALL BE ADJUSTED UP OR DOWN PROPORTIONATE TO THE MODULUS OF ELASTICITY OF THE SELECTED FIBER. SYNTHETIC STRUCTURAL FIBERS SHALL MEET THE REQUIREMENTS OF ASTM C 1116, PARAGRAPH 4.1.3, TYPE III; SHALL BE MONOFILAMENT, MADE OF POLYPROPYLENE OR BLENDED POLYPROPYLENE/POLYETHYLENE; SHALL BE A MINIMUM OF ONE AND ONE-HALF INCHES (1.5") IN LENGTH; AND SHALL HAVE AN ASPECT RATIO (LENGTH/FIBER DIAMETER) BETWEEN 80 AND 100.

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BUS STOP DESIGN SERVICES PREPARED FOR CITY OF OCALA <small>FLORIDA</small>	CONSTRUCTION DETAILS	KHA PROJECT 142371035	LICENSED PROFESSIONAL MOHAMMED N. MURAD FLORIDA LICENSE NUMBER 91243	KHA PROJECT 142371035 DATE MARCH 2024 SCALE AS SHOWN DESIGNED BY KHA DRAWN BY KHA CHECKED BY MNM DATE:	No. _____ REVISIONS DATE
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SHEET NUMBER
C005