

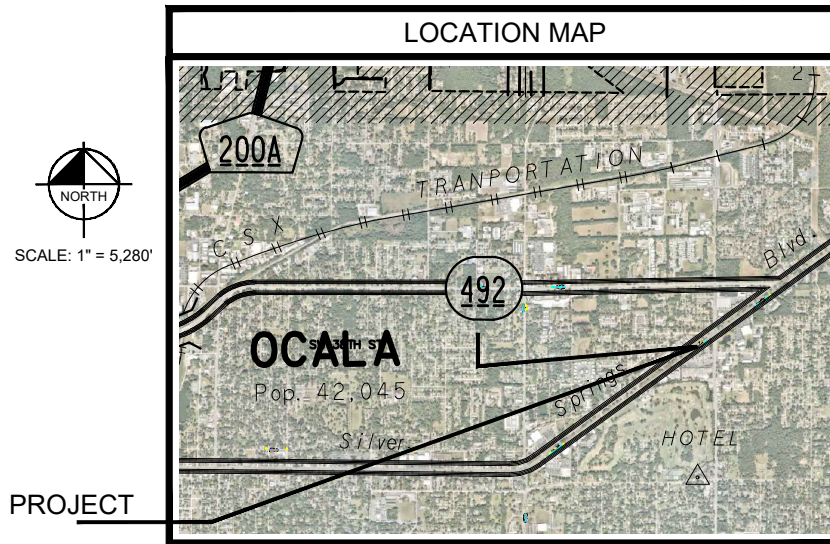
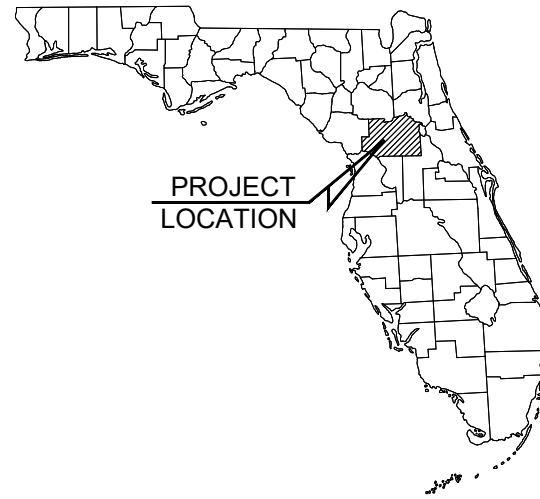
# SITE PLAN FOR BUS STOP DESIGN SERVICES

## CITY OF OCALA, FLORIDA

SECTION 10, TOWNSHIP 15 SOUTH, RANGE 22 EAST

BUS STOP NUMBER 4006  
COORDINATES 29.19631 N -82.08809 E

DECEMBER 2022



### DRAWING INDEX

SHEET	TITLE
C001	COVER SHEET
C002	GENERAL NOTES
C003	MASTER SITE PLAN
C004	#4006 SITE PLAN
C005	CONSTRUCTION DETAILS

### UTILITY PROVIDERS

<b>ELECTRIC</b> CITY OF OCALA ELECTRIC RANDY HAHN (352) 351-6615	<b>TELEPHONE</b> CENTURY LINK JOHN PALMONDON (352) 245-4444	<b>GAS</b> TECO BRUCE STOUT (407) 466-2662
<b>WATER &amp; SEWER</b> CITY OF OCALA - WATER & SEWER STACEY FERRANTE (352) 351-6775	<b>COMMUNICATIONS</b> COX COMMUNICATIONS PAUL CHRISTOPHER (352) 337-2009	<b>FIBER</b> CITY OF OCALA - FIBER O'SHAINE PARKER (352) 401-6950

### PROJECT OWNER AND CONSULTANTS

<b>OWNER/APPLICANT:</b> CITY OF OCALA	<b>CIVIL ENGINEERING CONSULTANT:</b> KIMLEY-HORN AND ASSOCIATES, INC. 1700 SE 17TH STREET, SUITE 400 OCALA, FLORIDA 34471 (352) 438-3000
<b>SURVEYOR:</b> ECHEZABAL & ASSOCIATES, INC. 108 COUNTRY CLUB DRIVE TAMPA, FLORIDA 33612 (352) 351-0091	

**Kimley-Horn**  
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1700 SE 17TH STREET, SUITE 400, 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  
DECEMBER 2022  
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

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

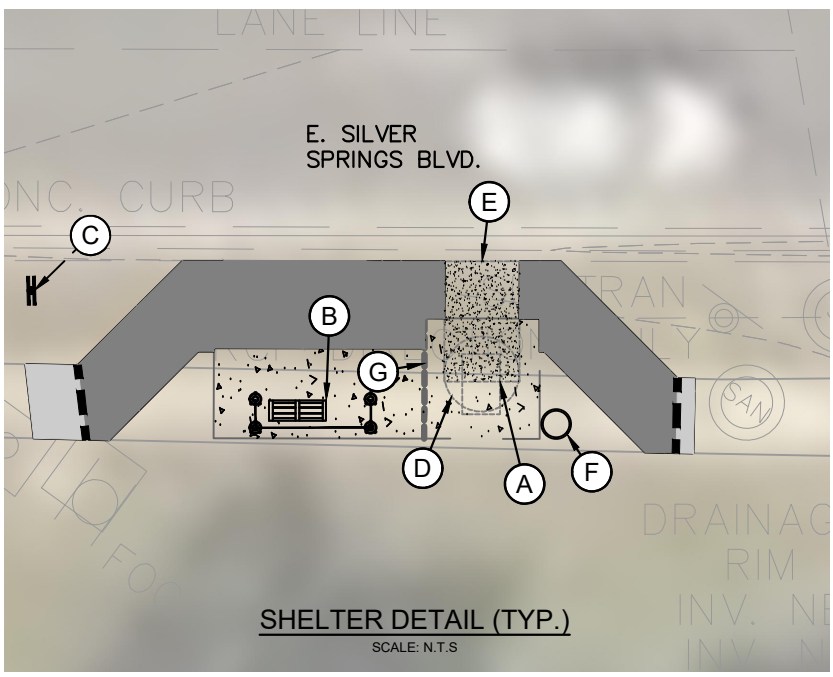
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

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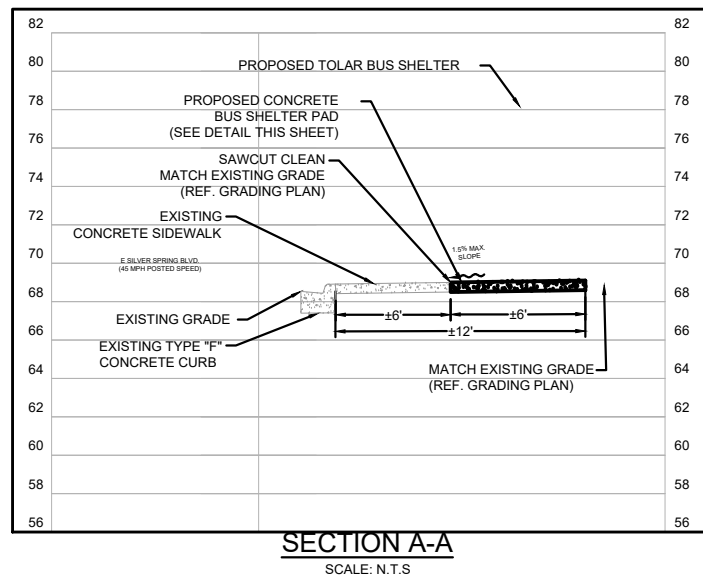




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- NOTES:**
- (A) MINIMUM 30"x48" CLEAR ZONE FOR WHEELCHAIR RESTING AREA DIRECTLY AT END OF BENCH
  - (B) 44" BENCH INSTALLED 6" FROM GLASS (PROVIDED BY OWNER)
  - (C) VISUAL BUS STOP SIGN SHALL BE MOUNTED 84" ABOVE FINISHED GRADE (PROVIDED BY OWNER).
  - (D) 5' WHEELCHAIR TURN-AROUND
  - (E) MINIMUM 5'X8' CLEAR ZONE FOR WHEELCHAIR LIFT/RAMP DEPLOYMENT
  - (F) 22" DIA. X 28" HT. 30 GAL TRASH CAN.
  - (G) TYPE D JOINT PER FDOT INDEX #310 DIVIDING BUS SHELTER PAD IN EQUAL HALVES.



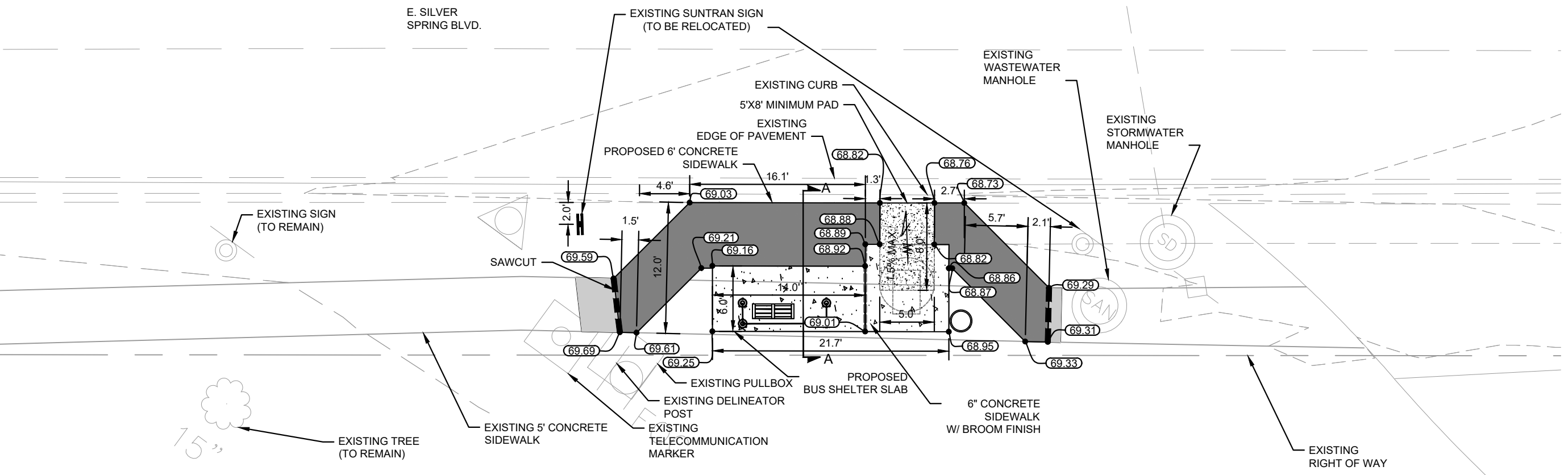
**PAVEMENT LEGEND**

- BUS SHELTER PAD (SEE DETAIL SHEET C005)
- BUS LANDING/LOADING PAD (SEE DETAIL SHEET C005)
- 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%.

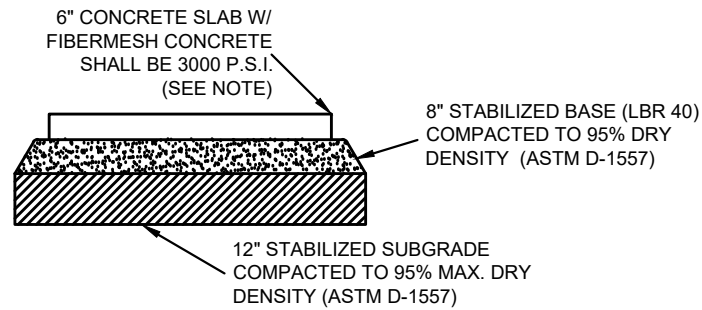
**GRAPHIC SCALE IN FEET**  
SCALE: 1" = 10'



<b>Kimley-Horn</b>	© 2022 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	MOHAMMED N. MURAD							
KHA PROJECT 142371035	DATE DECEMBER 2022	SCALE AS SHOWN					DESIGNED BY KHA	DRAWN BY KHA
		FLORIDA LICENSE NUMBER 91243		CHECKED BY MNN		DATE:		
<b>#4006 SITE PLAN</b>								
BUS STOP DESIGN SERVICES PREPARED FOR CITY OF OCALA FLORIDA								
CITY OF OCALA								
SHEET NUMBER C004								

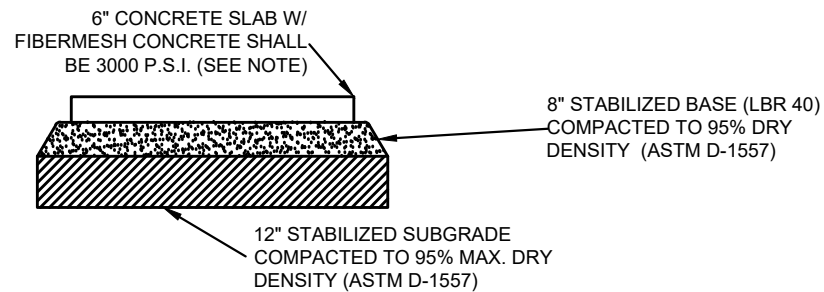
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**CONCRETE BOARDING AND ALIGHTING PAD DETAIL**  
N.T.S.

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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<b>BUS STOP DESIGN SERVICES</b> PREPARED FOR <b>CITY OF OCALA</b> FLORIDA	<b>CONSTRUCTION DETAILS</b>	KHA PROJECT 142371035	LICENSED PROFESSIONAL MOHAMMED N. MURAD FLORIDA LICENSE NUMBER 91243	DATE DECEMBER 2022	REVISIONS No. DATE
		SCALE AS SHOWN DESIGNED BY KHA DRAWN BY KHA CHECKED BY MNI	KHA PROJECT 142371035 DATE DECEMBER 2022 SCALE AS SHOWN DESIGNED BY KHA DRAWN BY KHA CHECKED BY MNI	LICENSED PROFESSIONAL MOHAMMED N. MURAD FLORIDA LICENSE NUMBER 91243	DATE DECEMBER 2022

SHEET NUMBER  
**C005**