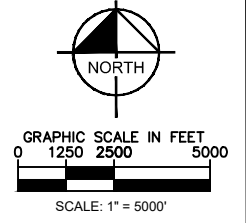
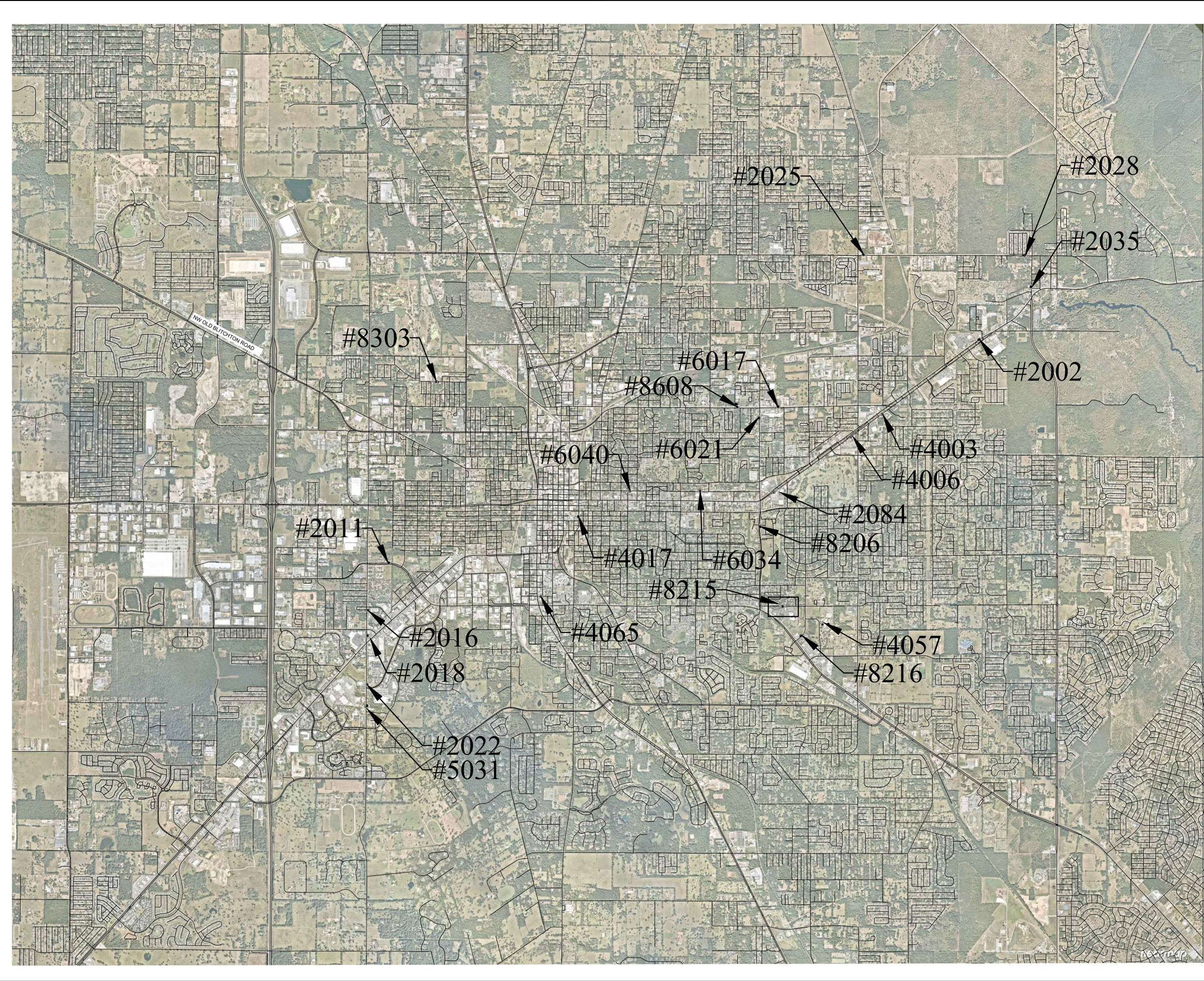






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No.	REVISIONS	DATE	BY



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

LICENSED PROFESSIONAL	MOHAMMED N. MURAD
KHA PROJECT	142371035
DATE	DECEMBER 2022
SCALE	AS SHOWN
DESIGNED BY	KHA
DRAWN BY	KHA
CHECKED BY	MMI
DATE	

## MASTER SITE PLAN

**BUS STOP DESIGN  
SERVICES**  
 PREPARED FOR  
**CITY OF OCALA**  
 FLORIDA

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

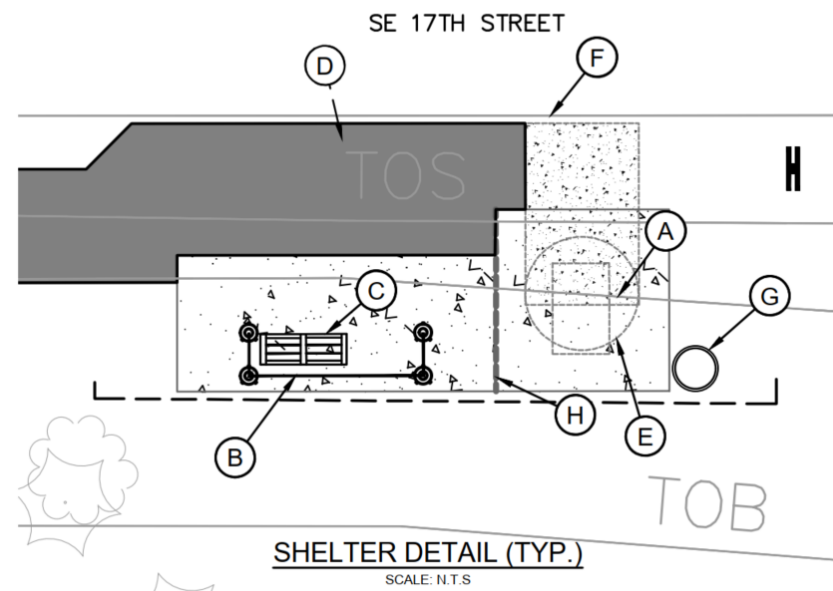


Know what's below.  
 Call before you dig.

SUNSHINE STATE ONE CALL OF FLORIDA, INC.

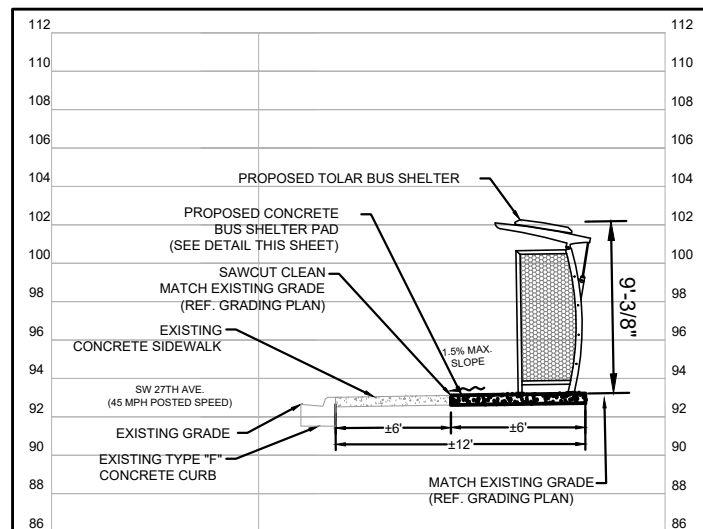
SHEET NUMBER  
**C003**

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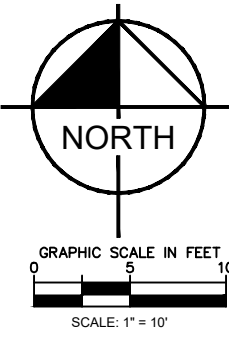
**SHELTER DETAIL (TYP.)**  
SCALE: N.T.S.

- 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.



**SECTION A-A**  
SCALE: N.T.S.

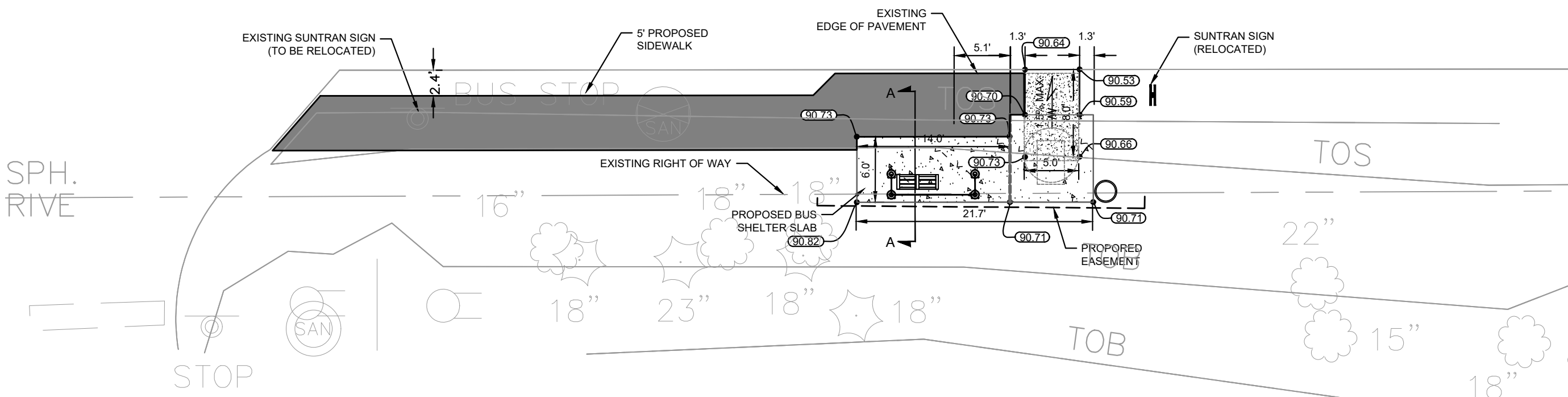
- PAVEMENT LEGEND**
- [Pattern] - BUS SHELTER PAD (SEE DETAIL SHEET C005)
  - [Pattern] - BUS LANDING/LOADING PAD (SEE DETAIL SHEET C005)
  - [Pattern] - EXISTING SIDEWALK
  - [Pattern] - PROPOSED SIDEWALK (PER FDOT INDEX 522-001)
  - [Pattern] - SAWCUT, CLEAN AND MATCH EXISTING
  - [Symbol] - PROPOSED 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%.

CROWN

SE 17TH STREET



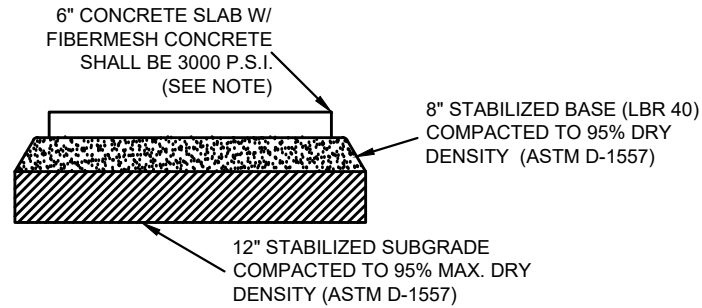
**BUS STOP PLAN**  
**#8215**

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.

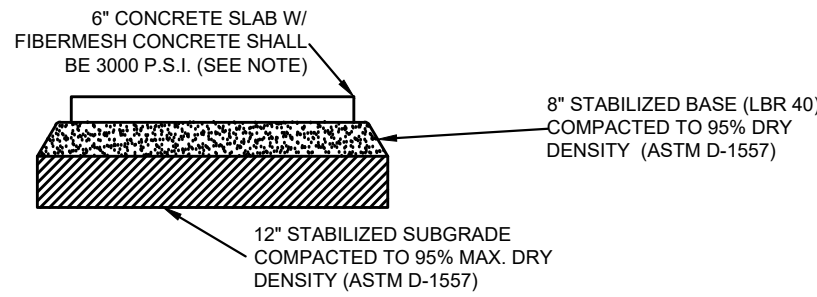
KHA PROJECT 142371035	DATE DECEMBER 2022	SCALE AS SHOWN	DESIGNED BY KHA	DRAWN BY KHA	CHECKED BY MNM	DATE	BY	
								LICENSED PROFESSIONAL
 © 2022 KIMLEY-HORN AND ASSOCIATES, INC. 1700 SE 17TH STREET, SUITE 200, OCALA, FLORIDA 34471 PHONE: 352-438-3000 WWW.KIMLEY-HORN.COM REGISTRY NO. 35108							NOT FOR CONSTRUCTION	
<b>#8215</b> <b>SITE PLAN</b>							REVISIONS	DATE
<b>BUS STOP DESIGN SERVICES</b> PREPARED FOR <b>CITY OF OCALA</b> FLORIDA							SHEET NUMBER	C004

\\FS-017\120125-01\120125.dwg, \\FS-017\120125-01\120125.dwg, \\FS-017\120125-01\120125.dwg, \\FS-017\120125-01\120125.dwg, \\FS-017\120125-01\120125.dwg  
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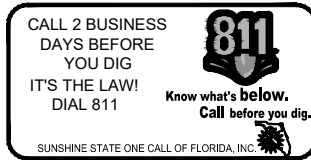
**CONCRETE BOARDING AND ALIGHTING PAD DETAIL**  
N.T.S.

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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1	NOT FOR CONSTRUCTION		

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KHA PROJECT 142371035	LICENSED PROFESSIONAL
DATE DECEMBER 2022	MUHAMMAD N. MURAD
SCALE AS SHOWN	FLORIDA LICENSE NUMBER 91243
DESIGNED BY KHA	CHECKED BY MINI
DRAWN BY KHA	DATE

**CONSTRUCTION  
DETAILS**

**BUS STOP DESIGN  
SERVICES**  
 PREPARED FOR  
**CITY OF OCALA**  
 FLORIDA

SHEET NUMBER  
**C005**