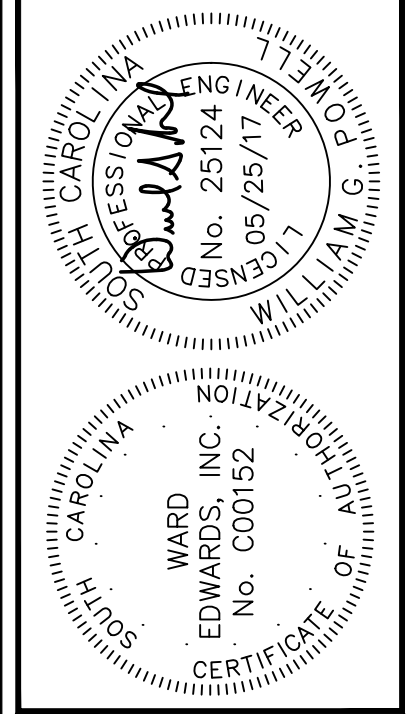
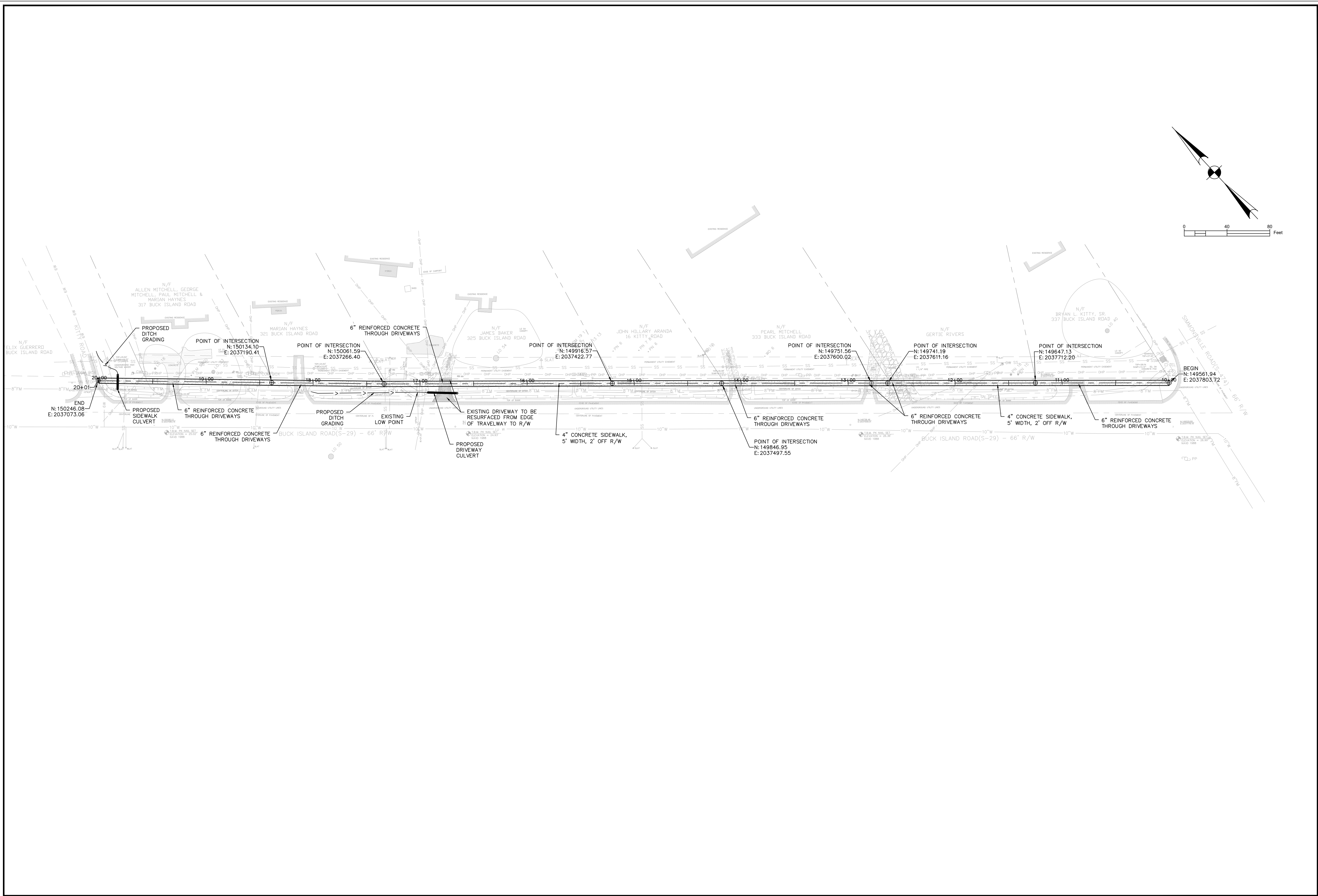




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**Ward Edwards**  
ENGINEERING

P.O. BOX 381, BLUFFTON, SOUTH CAROLINA 29910  
PH (803) 837-5555 FAX (843) 837-2536  
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BUCK ISLAND - SIMMONSVILLE NEIGHBORHOOD SIDEWALKS, PHASE 3  
TOWN OF BLUFFTON, SOUTH CAROLINA

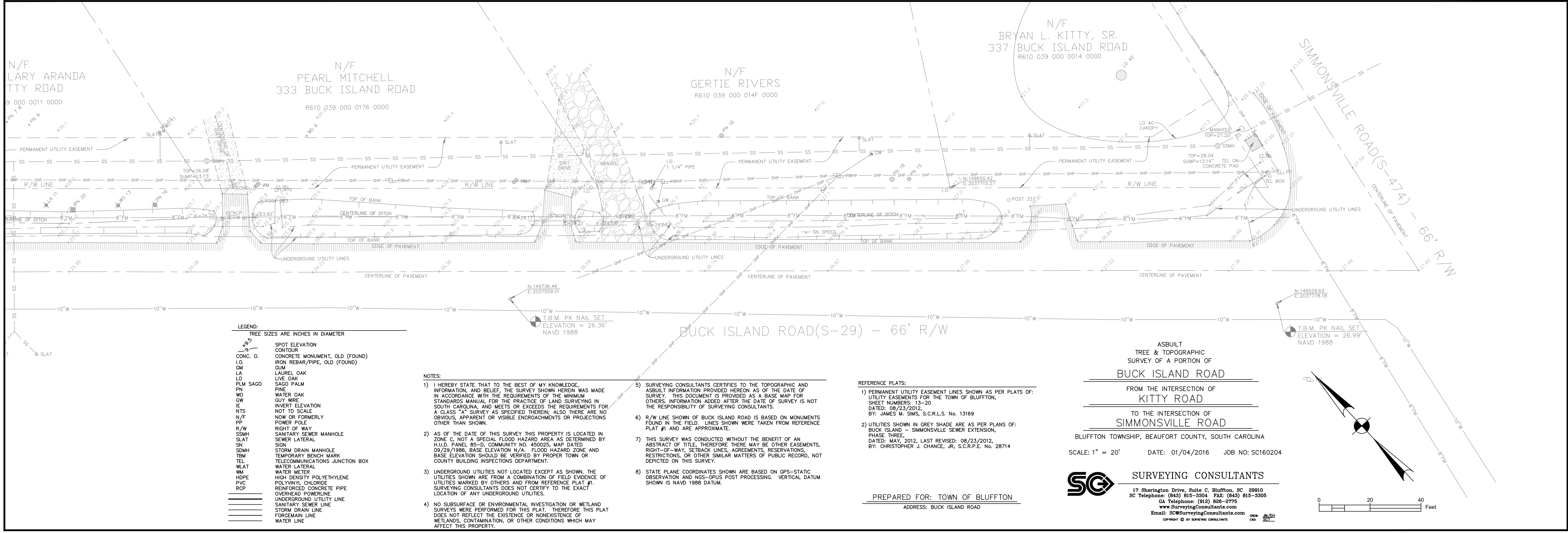
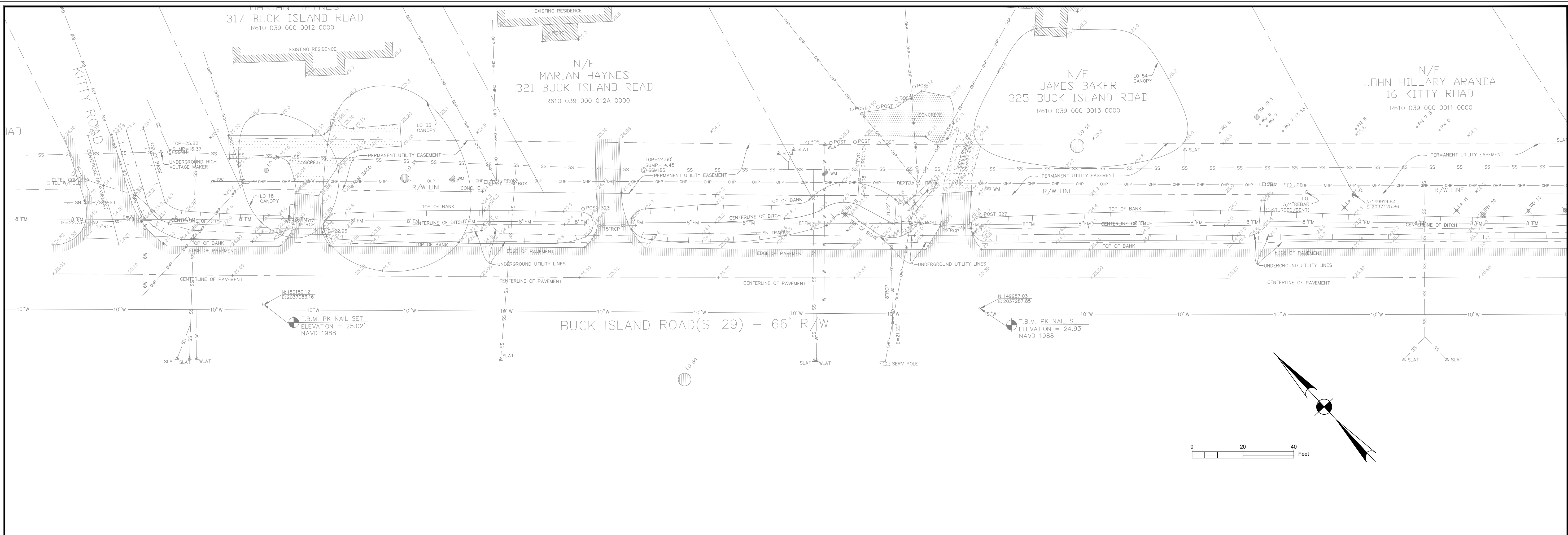
TOWN OF BLUFFTON  
Bluffton, South Carolina

**OVERALL SITE PLAN**

<input type="checkbox"/> NOT FOR CONSTRUCTION	<input checked="" type="checkbox"/> RELEASED FOR CONSTRUCTION
PROJECT #:	150604
DATE:	05/25/17
DESIGNED BY:	WGP
CHECKED BY:	HED
SCALE:	1"=40'

SHEET  
**C002**

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**LEGEND:**

TREE SIZES ARE INCHES IN DIAMETER

SPOT ELEVATION	CONTOUR
CONC. O.	CONCRETE MONUMENT, OLD (FOUND)
LO	IRON REBAR/PIPE, OLD (FOUND)
GM	GUM
LA	LAUREL OAK
LO	LIVE OAK
PLM	SAGO PALM
PN	WATER OAK
WO	WATER OAK
OW	WATER OAK
IE	INVERT ELEVATION
NTS	NOT TO SCALE
N/F	NOW OR FORMERLY
PP	POWER POLE
R/W	RIGHT OF WAY
SSMH	SANITARY SEWER MANHOLE
SLAT	SEWER LATERAL
SN	SIGN
SDMH	STORM DRAIN MANHOLE
TBM	TEMPORARY BENCH MARK
TEL	TELECOMMUNICATIONS JUNCTION BOX
WLAT	WATER LATERAL
WM	WATER METER
HOPE	HIGH DENSITY POLYETHYLENE
PVC	POLYVINYL CHLORIDE
RCP	REINFORCED CONCRETE PIPE
---	UNDERGROUND UTILITY LINE
---	SANITARY SEWER LINE
---	STORM DRAIN LINE
---	FORCEMAIN LINE
---	WATER LINE

- NOTES:**
- I HEREBY STATE THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THIS SURVEY SHOWN HEREIN WAS MADE IN ACCORDANCE WITH THE REQUIREMENTS OF THE MINIMUM STANDARDS MANUAL FOR THE PRACTICE OF LAND SURVEYING IN SOUTH CAROLINA, AND MEETS OR EXCEEDS THE REQUIREMENTS FOR A CLASS "A" SURVEY AS SPECIFIED THEREIN; ALSO THERE ARE NO OBVIOUS, APPARENT OR VISIBLE ENCROACHMENTS OR PROJECTIONS OTHER THAN SHOWN.
  - AS OF THE DATE OF THIS SURVEY THIS PROPERTY IS LOCATED IN ZONE C, NOT A SPECIAL FLOOD HAZARD AREA AS DETERMINED BY H.U.D. PANEL 85-D, COMMUNITY NO. 450225, MAP DATED 09/29/1988, BASE ELEVATION N.A. FLOOD HAZARD ZONE AND BASE ELEVATION SHOULD BE VERIFIED BY PROPER TOWN OR COUNTY BUILDING INSPECTIONS DEPARTMENT.
  - UNDERGROUND UTILITIES NOT LOCATED EXCEPT AS SHOWN, THE UTILITIES SHOWN ARE FROM A COMBINATION OF FIELD EVIDENCE OF UTILITIES MARKED BY OTHERS AND FROM REFERENCE PLAT #1. SURVEYING CONSULTANTS DOES NOT CERTIFY TO THE EXACT LOCATION OF ANY UNDERGROUND UTILITIES.
  - NO SUBSURFACE OR ENVIRONMENTAL INVESTIGATION OR WETLAND SURVEYS WERE PERFORMED FOR THIS PLAT. THEREFORE THIS PLAT DOES NOT REFLECT THE EXISTENCE OR NONEXISTENCE OF WETLANDS, CONTAMINATION, OR OTHER CONDITIONS WHICH MAY AFFECT THIS PROPERTY.
  - SURVEYING CONSULTANTS CERTIFIES TO THE TOPOGRAPHIC AND ASBLUIT INFORMATION PROVIDED HEREON AS OF THE DATE OF SURVEY. THIS DOCUMENT IS PROVIDED AS A BASE MAP FOR OTHERS. INFORMATION ADDED AFTER THE DATE OF SURVEY IS NOT THE RESPONSIBILITY OF SURVEYING CONSULTANTS.
  - R/W LINE SHOWN OF BUCK ISLAND ROAD IS BASED ON MONUMENTS FOUND IN THE FIELD. LINES SHOWN WERE TAKEN FROM REFERENCE PLAT #1 AND ARE APPROXIMATE.
  - THIS SURVEY WAS CONDUCTED WITHOUT THE BENEFIT OF AN ABSTRACT OF TITLE, THEREFORE THERE MAY BE OTHER EASEMENTS, RIGHT-OF-WAY, SETBACK LINES, AGREEMENTS, RESERVATIONS, RESTRICTIONS, OR OTHER SIMILAR MATTERS OF PUBLIC RECORD, NOT DEPICTED ON THIS SURVEY.
  - STATE PLANE COORDINATES SHOWN ARE BASED ON GPS-STATIC OBSERVATION AND NGS-OPUS POST PROCESSING. VERTICAL DATUM SHOWN IS NAVD 1988 DATUM.

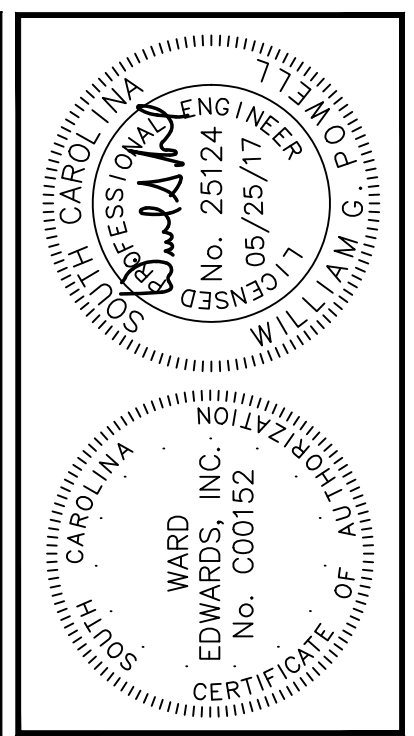
- REFERENCE PLATS:**
- PERMANENT UTILITY EASEMENT LINES SHOWN AS PER PLATS OF: UTILITY EASEMENTS FOR THE TOWN OF BLUFFTON, SHEET NUMBERS: 13-20 DATED: 08/24/2015, BY: JAMES M. SIMS, S.C.R.L.S. No. 13169
  - UTILITIES SHOWN IN GREY SHADE ARE AS PER PLANS OF: BUCK ISLAND - SIMMONSVILLE SEWER EXTENSION, PHASE THREE, DATED: MAY, 2012, LAST REVISED: 08/23/2012, BY: CHRISTOPHER J. CHANGE, JR., S.C.R.P.E. No. 28714

ASBLUIT  
TREE & TOPOGRAPHIC  
SURVEY OF A PORTION OF  
**BUCK ISLAND ROAD**  
FROM THE INTERSECTION OF  
**KITTY ROAD**  
TO THE INTERSECTION OF  
**SIMMONSVILLE ROAD**  
BLUFFTON TOWNSHIP, BEAUFORT COUNTY, SOUTH CAROLINA

SCALE: 1" = 20'      DATE: 01/04/2016      JOB NO: SC160204

**SC** SURVEYING CONSULTANTS  
17 Sherington Drive, Suite C, Bluffton, SC 29910  
SC Telephone: (843) 815-3304    FAX: (843) 815-3305  
GA Telephone: (912) 659-2775  
www.SurveyingConsultants.com  
Email: SC@SurveyingConsultants.com

PREPARED FOR: TOWN OF BLUFFTON  
ADDRESS: BUCK ISLAND ROAD



NO.	DESCRIPTION	DATE
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**Ward Edwards**  
**ENGINEERING**  
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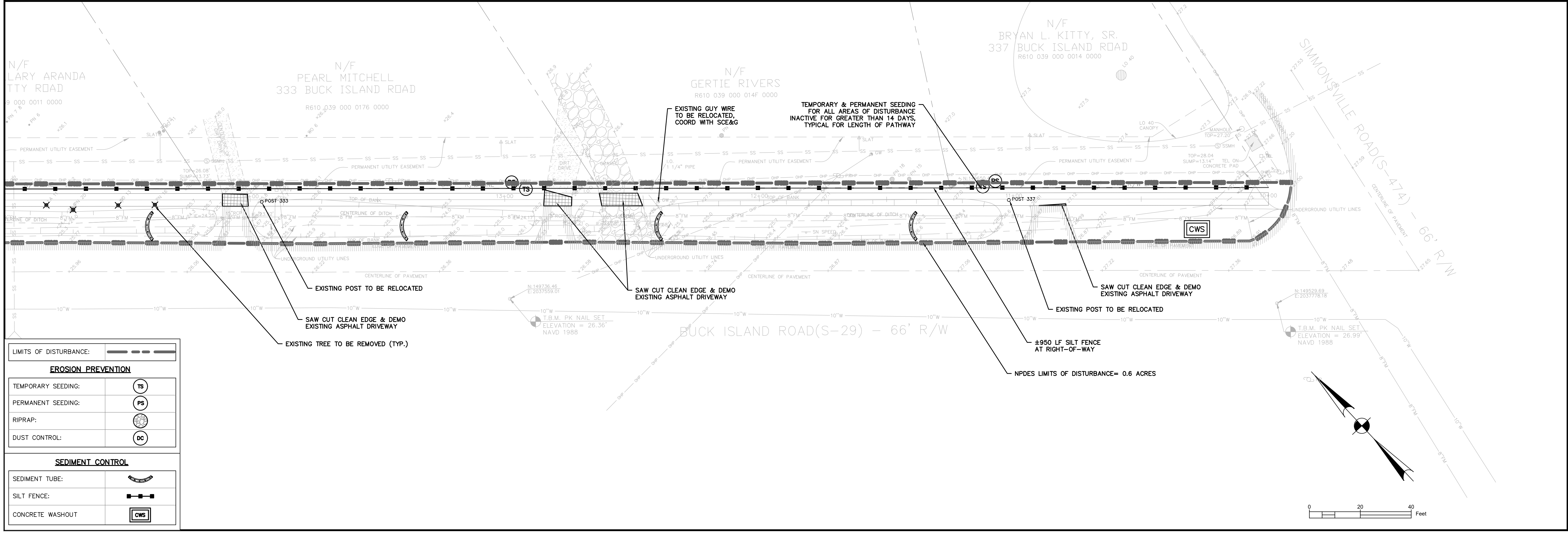
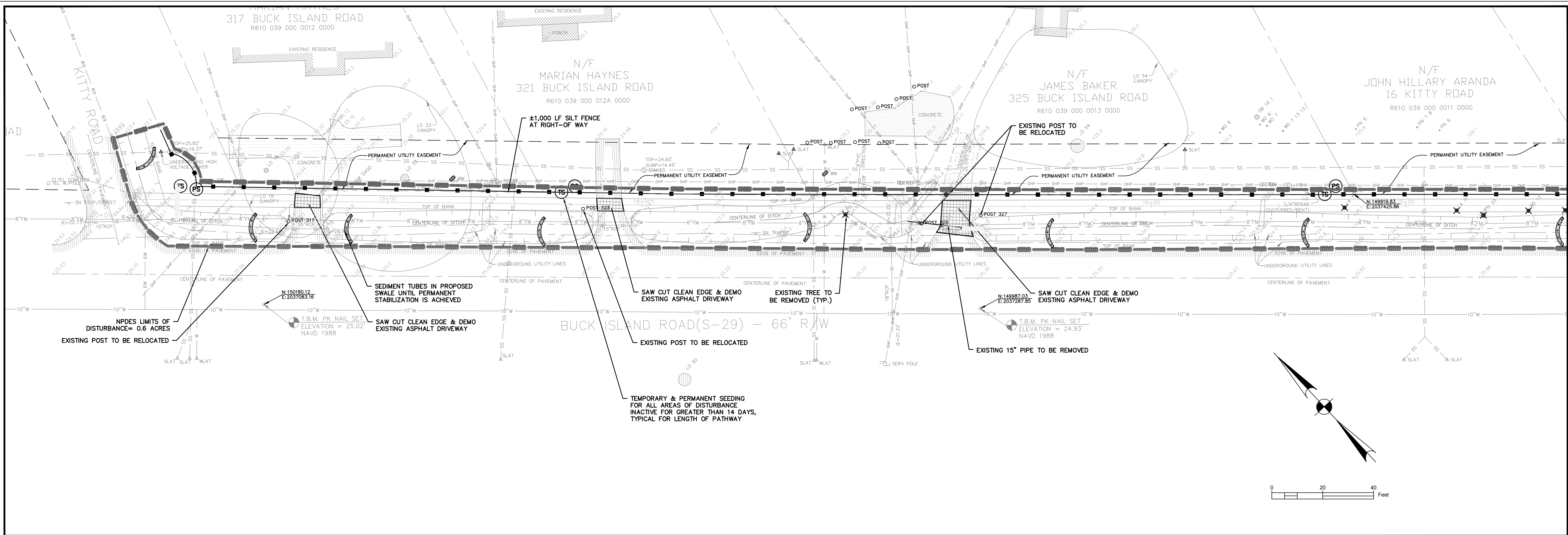
BUCK ISLAND - SIMMONSVILLE NEIGHBORHOOD SIDEWALKS, PHASE 3  
TOWN OF BLUFFTON, SOUTH CAROLINA  
**TOWN OF BLUFFTON**  
Bluffton, South Carolina  
**EXISTING CONDITIONS PLAN**

NOT FOR CONSTRUCTION  
 RELEASED FOR CONSTRUCTION

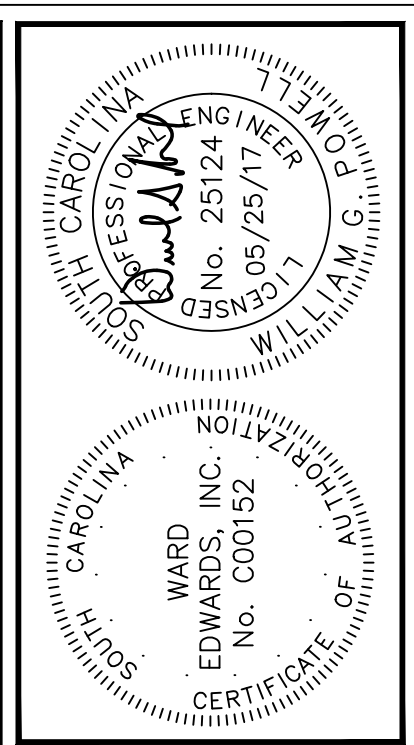
PROJECT #: 15060A  
DATE: 05/25/17  
DESIGNED BY: WGP  
CHECKED BY: HED  
SCALE: 1"=20'

**SHEET**  
**C101**

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LIMITS OF DISTURBANCE:	
<b>EROSION PREVENTION</b>	
TEMPORARY SEEDING:	
PERMANENT SEEDING:	
RIPRAP:	
DUST CONTROL:	
<b>SEDIMENT CONTROL</b>	
SEDIMENT TUBE:	
SILT FENCE:	
CONCRETE WASHOUT:	



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**Ward Edwards ENGINEERING**  
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BUCK ISLAND - SIMMONSVILLE NEIGHBORHOOD SIDEWALKS, PHASE 3  
 TOWN OF BLUFFTON, SOUTH CAROLINA  
**TOWN OF BLUFFTON**  
 Bluffton, South Carolina  
**EROSION CONTROL & DEMOLITION PLAN**

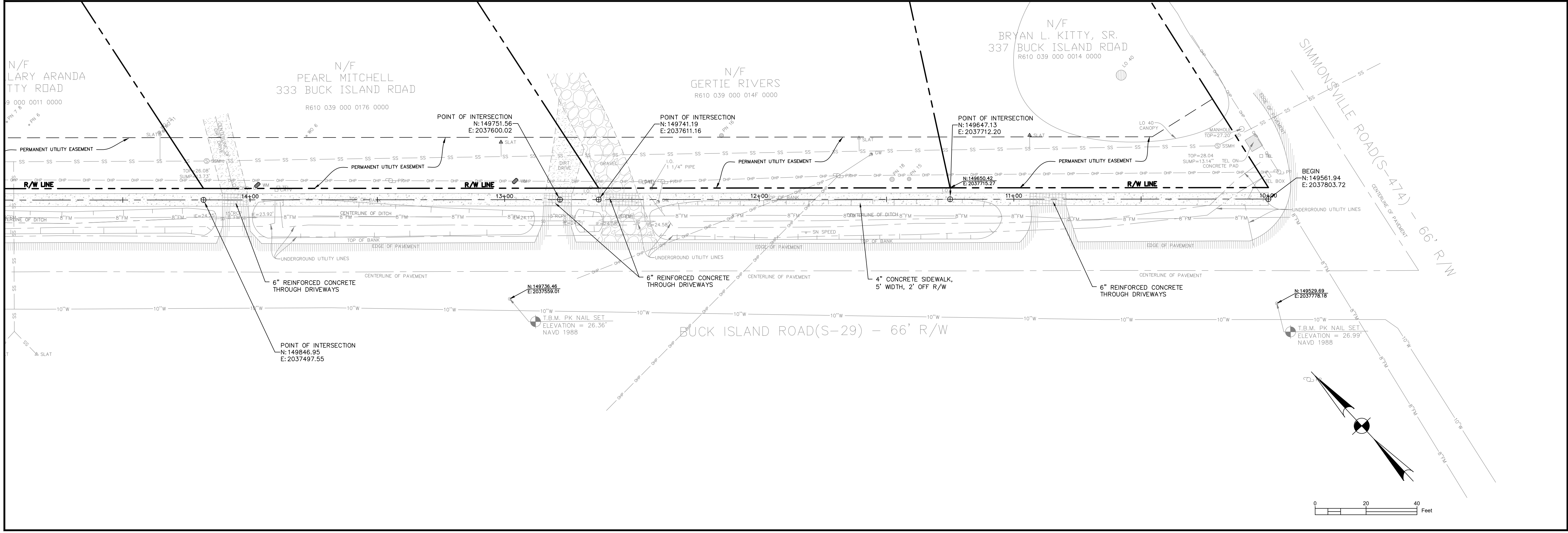
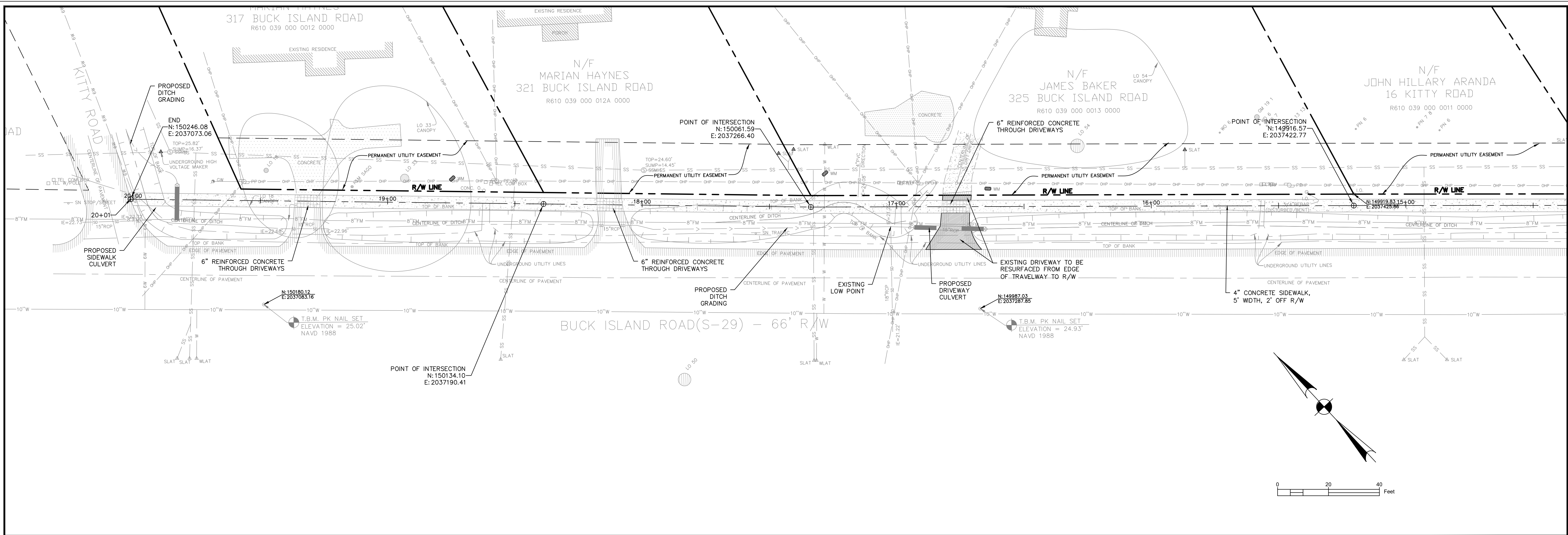
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PROJECT #: 150604  
 DATE: 05/25/17  
 DESIGNED BY: WGP  
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 SCALE: 1"=20'

**SHEET C201**

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**Ward Edwards Engineering**  
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 PH: (803) 837-5555 FAX: (843) 837-2536  
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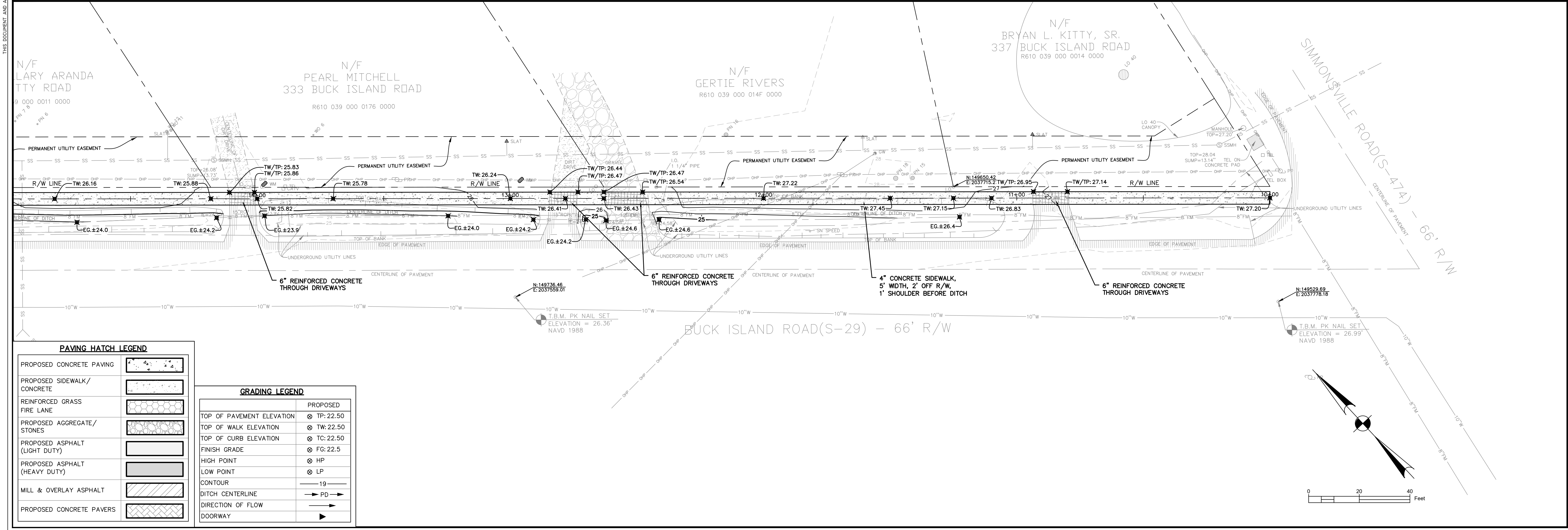
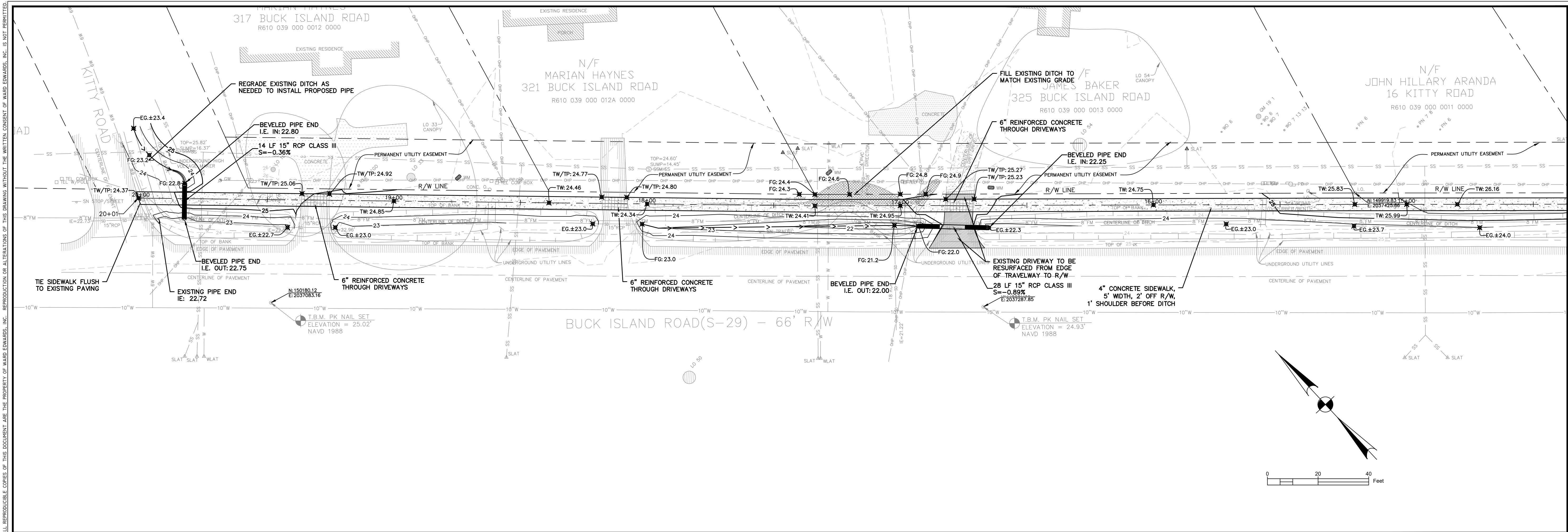
BUCK ISLAND - SIMMONSVILLE NEIGHBORHOOD SIDEWALKS, PHASE 3  
 TOWN OF BLUFFTON, SOUTH CAROLINA  
**TOWN OF BLUFFTON**  
 Bluffton, South Carolina  
**SITE LAYOUT PLAN**

NOT FOR CONSTRUCTION  
 RELEASED FOR CONSTRUCTION

PROJECT #: 150604  
 DATE: 05/25/17  
 DESIGNED BY: WGP  
 CHECKED BY: HED  
 SCALE: 1"=20'

**SHEET C301**

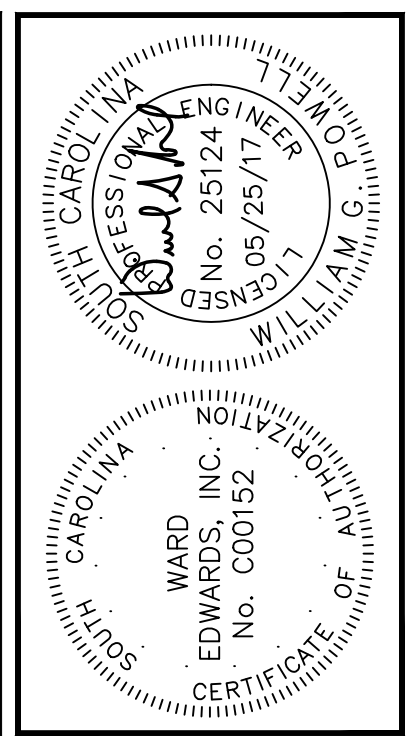
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PAVING HATCH LEGEND	
PROPOSED CONCRETE PAVING	
PROPOSED SIDEWALK/CONCRETE	
REINFORCED GRASS FIRE LANE	
PROPOSED AGGREGATE/STONES	
PROPOSED ASPHALT (LIGHT DUTY)	
PROPOSED ASPHALT (HEAVY DUTY)	
MILL & OVERLAY ASPHALT	
PROPOSED CONCRETE PAVERS	

GRADING LEGEND	
PROPOSED TOP OF PAVEMENT ELEVATION	TP: 22.50
PROPOSED TOP OF WALK ELEVATION	TW: 22.50
PROPOSED TOP OF CURB ELEVATION	TC: 22.50
FINISH GRADE	FG: 22.5
HIGH POINT	HP
LOW POINT	LP
CONTOUR	19
DITCH CENTERLINE	PD
DIRECTION OF FLOW	
DOORWAY	



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ENGINEERING  
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BUCK ISLAND - SIMMONSVILLE NEIGHBORHOOD SIDEWALKS, PHASE 3  
TOWN OF BLUFFTON, SOUTH CAROLINA  
**TOWN OF BLUFFTON**  
Bluffton, South Carolina  
**PAVING, GRADING & DRAINAGE PLAN**

NOT FOR CONSTRUCTION  
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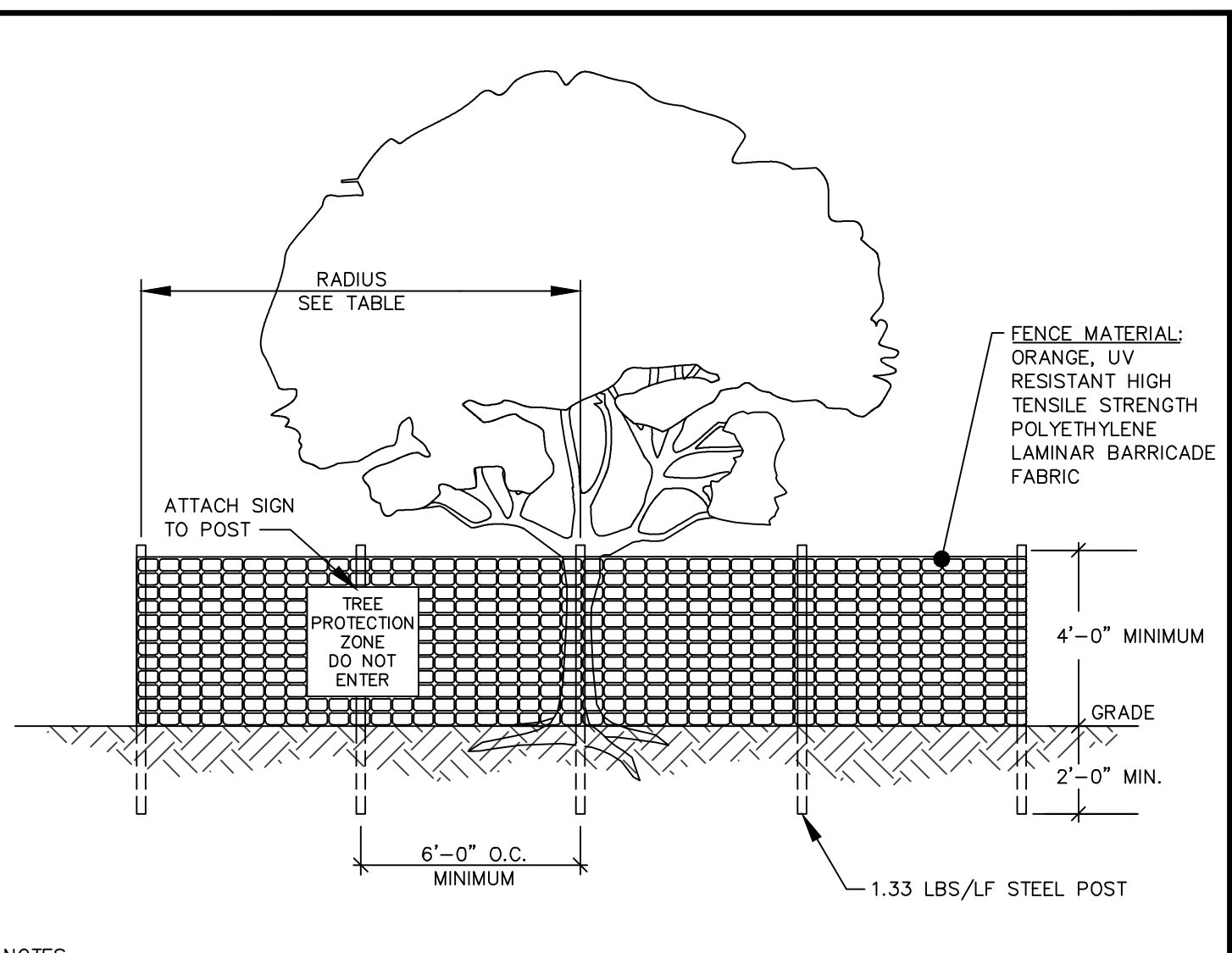
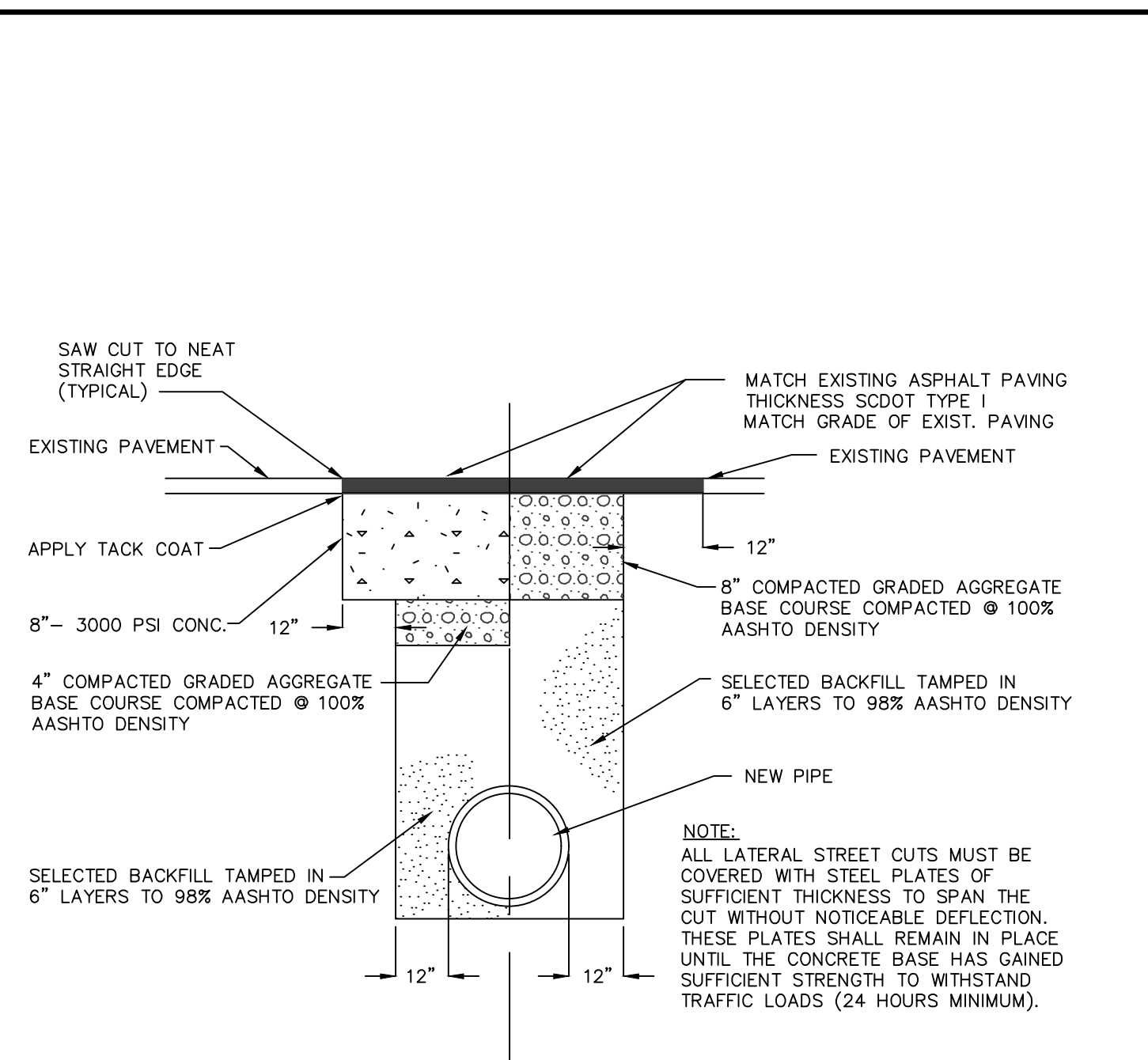
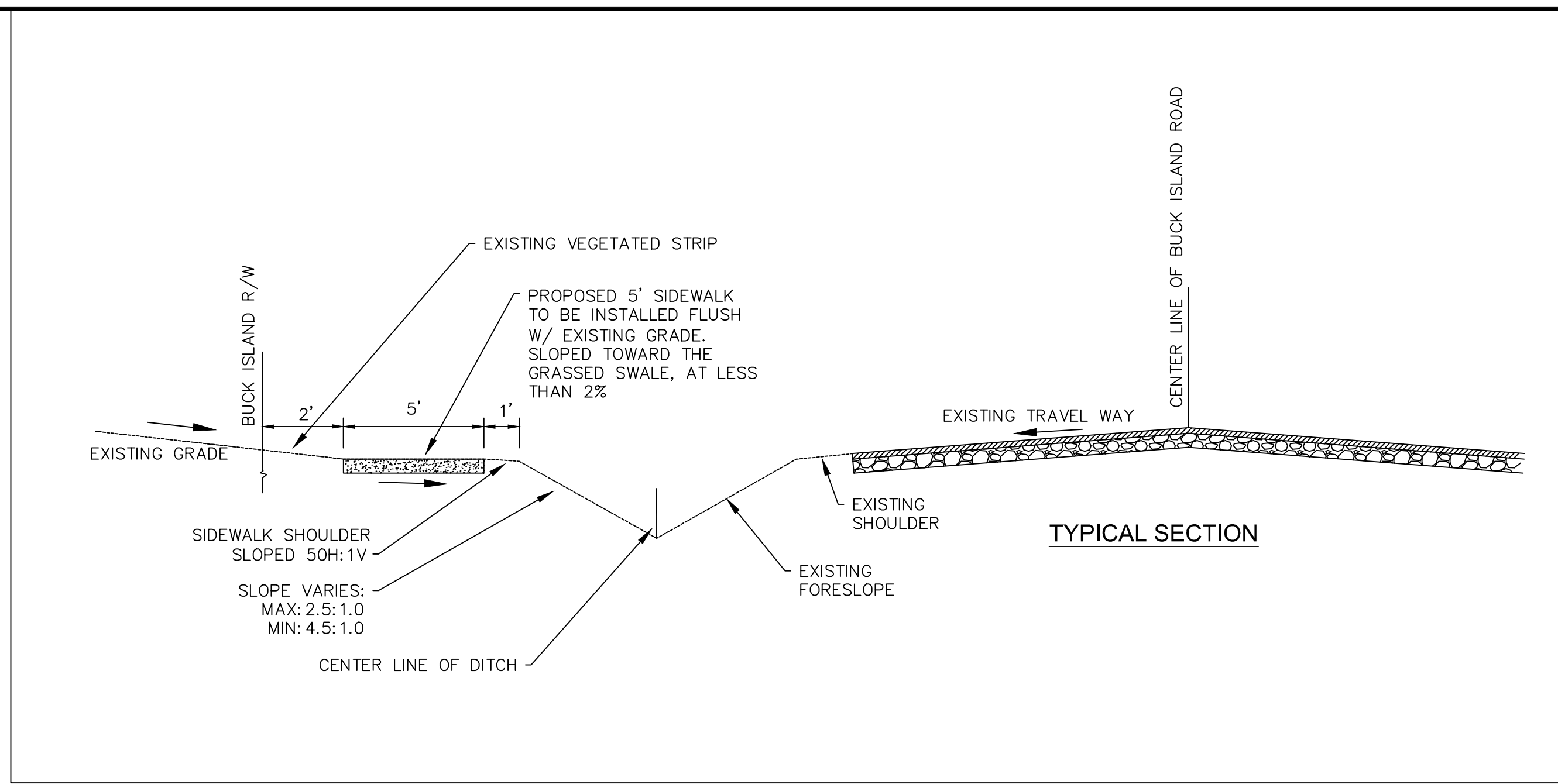
PROJECT #: 150604  
DATE: 05/25/17  
DESIGNED BY: WGP  
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SCALE: 1"=20'

**SHEET C401**

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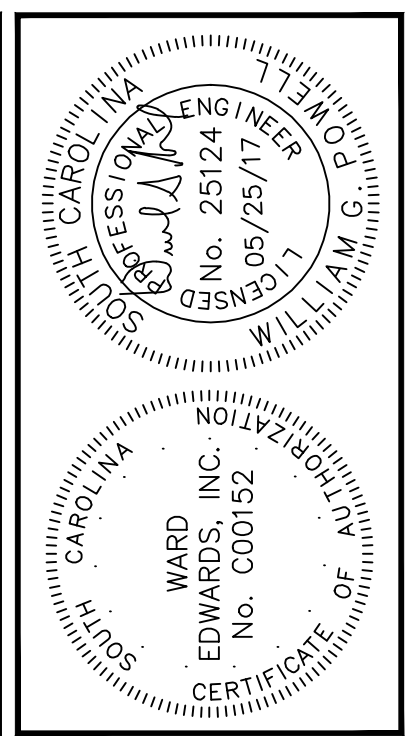


**NOTES:**

- ALL TREES DESIGNATED TO BE SAVED SHALL BE PROTECTED BY FENCING.
- INSTALL TREE PROTECTION FENCE TO RADIUS INDICATED IN TABLE UNLESS OTHERWISE INDICATED ON PLANS.
- WARNING SIGNS TO BE MADE OF DURABLE WATERPROOF MATERIAL.
- ALL WARNING SIGN LETTERS TO BE AT LEAST 3 INCHES HIGH, CLEARLY LEGIBLE AND SPACED A MINIMUM OF ONE EVERY 40 FT. FOR PROTECTION AREAS LESS THAN 40 FT IN PERIMETER, PROVIDE NO LESS THAN ONE SIGN PER SIDE.
- THE SIZE OF EACH WARNING SIGN MUST BE A MINIMUM OF 2' x 2' AND BE VISIBLE FROM BOTH SIDES OF THE FENCE.
- ATTACH SIGNS SECURELY TO FENCE POSTS AND FABRIC.
- THERE SHALL BE NO STORAGE OF MATERIAL WITHIN THE BOUNDARIES OF THE TREE PROTECTION FENCING.
- TREE PROTECTION FENCING SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT. FENCING MUST REMAIN UPRIGHT AND SLACK FREE.

JURISDICTION	RADIUS OF CIRCULAR TPZ
BEAUFORT COUNTY DSO 106-1846(b)(2)OR	1 FOOT PER INCH OF TRUNK DBH OR 5 FEET, WHICHEVER IS GREATER
TOWN OF BLUFFTON UDO 5.3.3, C(1)	1.5 FEET PER INCH OF TRUNK DBH
TOWN OF HILTON HEAD LMO 16-6-104, J	FENCING AT DRIP LINE FOR ALL TREES PROPOSED TO BE RETAINED
CITY OF BEAUFORT UDO 7.3, D(3)	0.5 FOOT PER INCH OF TRUNK DBH OR 5 FEET, WHICHEVER IS GREATER
JASPER COUNTY ZONING ORD. ART. 13	FENCING AT DRIP LINE FOR "SIGNIFICANT" AND "LANDMARK" TREES
CITY OF HARDEEVILLE MZDSO 4.8, F	FENCING AT DRIP LINE FOR "PROTECTED TREES", SEE PLANS FOR ALL OTHERS

DBH = TRUNK DIAMETER AT BREAST HEIGHT



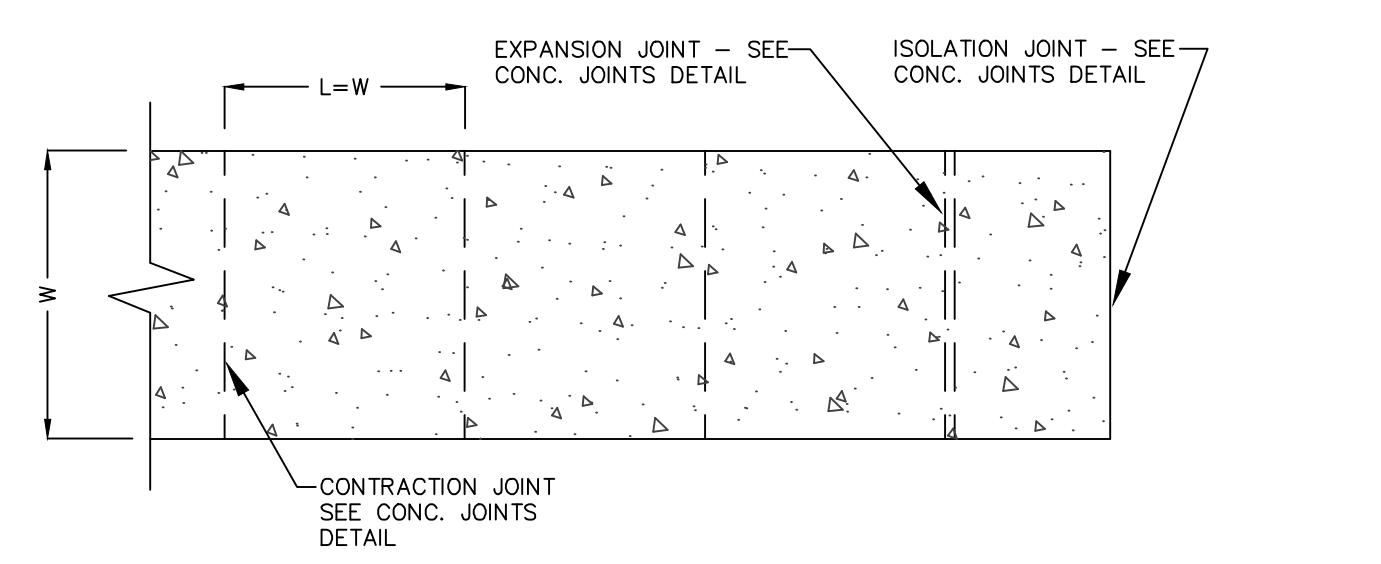
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**Ward Edwards**  
ENGINEERING

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**ASPHALT CUT AND PATCH**

DETAIL 02740-003



- NOTES:**
- w = VARIES, REFER TO STAKING PLAN.
  - L = WIDTH OF PAVING UNLESS OTHERWISE INDICATED ON PLAN.
  - SLOPE = AS INDICATED ON GRADING PLAN, NOT TO EXCEED 2% CROSS OR 8.33% LONGITUDINAL.
  - ALL CONCRETE SHALL BE CLASS A 3000 PSI.
  - FINISH: BROOM WITH HAND TOOLED JOINTS AND EDGES.

**EXISTING SUBGRADE PREP:**

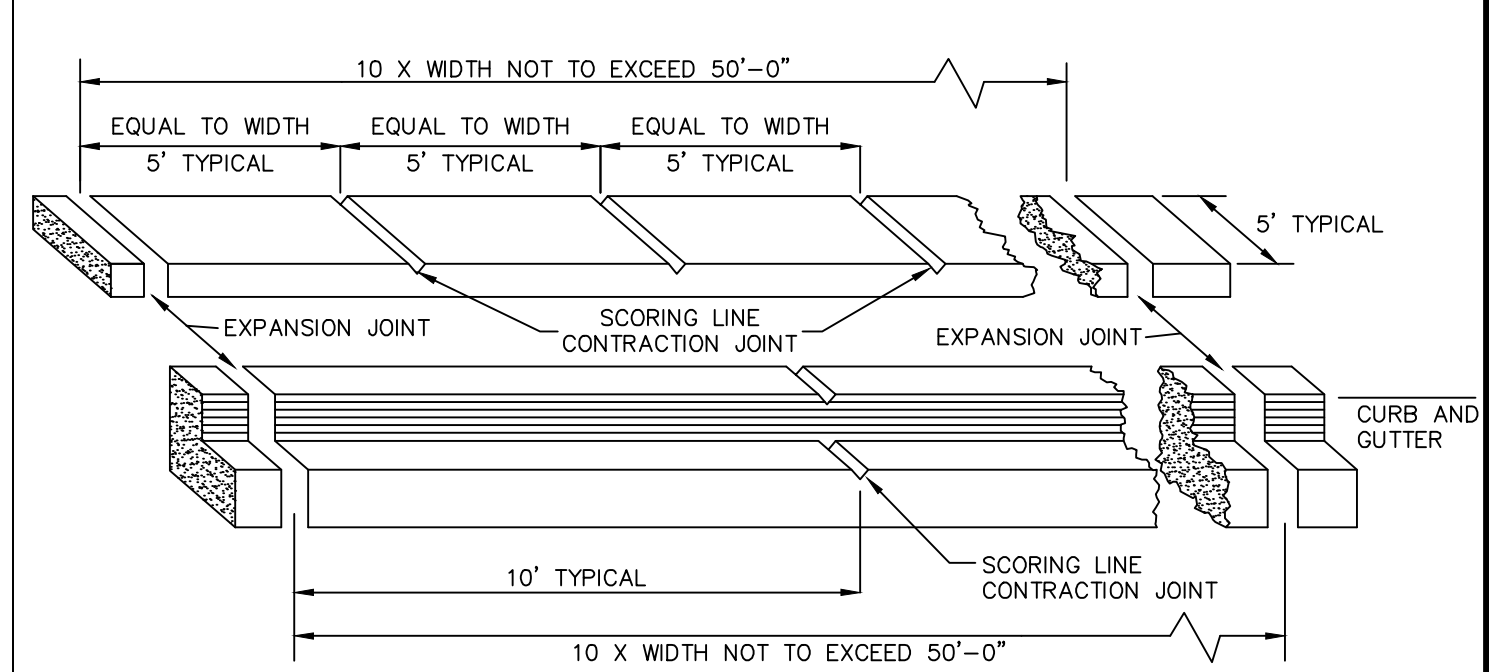
- PROOF-ROLL EXISTING SUBGRADE TO CHECK FOR UNSTABLE AREAS AND NEED FOR ADDITIONAL COMPACTION
- REMOVE LOOSE MATERIAL FROM PROOF-ROLLED SUBGRADE IMMEDIATELY BEFORE PLACING CONCRETE

**CONCRETE SIDEWALK**

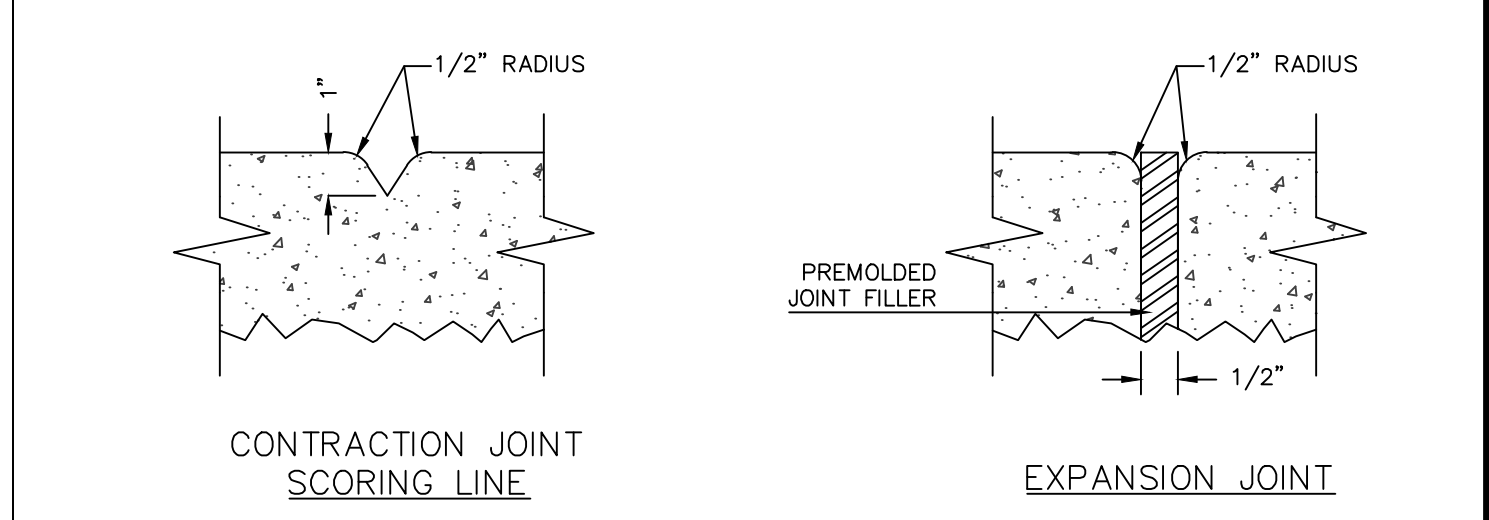
DETAIL 03300-022

**TREE PROTECTION FENCE**

DETAIL #02915-008



ISOMETRIC



- NOTES:**
- EXPANSION JOINTS, 1/2 INCH THICK, SHALL BE PLACED IN THE SIDEWALK AND CURBING AT THE POINT OF CURVATURE (PC) AND POINT OF TANGENCY (PT) OF ALL CURVES, AT THE OUTER EDGES OF DRIVEWAYS, AND AT UNIFORM INTERVALS AS SHOWN. EXPANSION JOINTS SHALL MEET SCOT SPECIFICATION SECTION 702.2.2.1.
  - TRANSVERSE SCORING LINES (CONTRACTION JOINTS) IN THE SIDEWALK SHALL BE PLACED BETWEEN EXPANSION JOINTS AT UNIFORM INTERVALS EQUAL TO THE WIDTH OF THE WALK AS SHOWN.
  - LONGITUDINAL SCORING LINES WILL BE REQUIRED IN WALKS WIDER THAN 5 FEET OR AS DIRECTED BY THE ENGINEER.
  - TRANSVERSE CONTRACTION JOINTS IN THE CURBING SHALL BE PLACED BETWEEN EXPANSION JOINTS AT UNIFORM 10' INTERVALS.
  - TRANSVERSE AND LONGITUDINAL SCORING LINES SHALL BE A DEPTH OF 1" AND NOT LESS THAN 1/4 INCH OR MORE THAN 1/2 INCH IN WIDTH. THE CORNERS OF THE SCORING LINES SHALL HAVE A 1/2 INCH MINIMUM RADIUS.
  - JOINTS IN THE CURB AND GUTTER SHALL ALIGN WITH CORRESPONDING JOINTS IN THE SIDEWALK.

**EXPANSION JOINTS AND SCORING LINES**

DETAIL 03300-007A

BUCK ISLAND - SIMMONSVILLE NEIGHBORHOOD SIDEWALKS, PHASE 3  
TOWN OF BLUFFTON, SOUTH CAROLINA

**TOWN OF BLUFFTON**  
Bluffton, South Carolina

**CONSTRUCTION DETAILS**

NOT FOR CONSTRUCTION  
 RELEASED FOR CONSTRUCTION

PROJECT #:	15060A
DATE:	05/25/17
DESIGNED BY:	WGP
CHECKED BY:	HED
SCALE:	AS NOTED

**SHEET C502**