



SUBMITTALS / REVISIONS

NO.	DATE	DESCRIPTION

SHEET TITLE

EPSC PHASE 3

PROJECT NO.	DATE
20105	09/30/2020
DRAWN BY	SCALE
BB	1" = 50'
CHECKED BY	
JM	
SHEET NO.	

**C2.30**

- EROSION CONTROL NOTES:**
- THE CONTRACTOR SHALL INSTALL ALL PHASE I EROSION CONTROL DEVICES AS NOTED ON THE PLAN PRIOR TO THE START OF ANY CLEARING OR GRADING OPERATION UNLESS OTHERWISE NOTED ON THE SCHEDULE.
  - THE CONTRACTOR SHALL CLEAR AS SMALL OF AN AREA AS PRACTICAL TO COMPLETE THE REQUIRED GRADING. IN NO CASE SHALL THE CONTRACTOR CLEAR AN AREA MORE THAN 20 DAYS PRIOR TO THE START OF GRADING IN THE AREA.
  - THE CONTRACTOR SHALL INSTALL A SITE CONSTRUCTION EXIT AS INDICATED ON THE PLANS. ALL CONSTRUCTION TRAFFIC SHALL ENTER AND LEAVE THE SITE BY THIS ENTRANCE. THE ENTRANCE AND ADJOINING ROADWAY SHALL BE INSPECTED AT LEAST WEEKLY AND NECESSARY REPAIRS AND CLEANING WILL BE COMPLETED PROMPTLY.
  - KEEP DUST WITHIN TOLERABLE LIMITS BY SPRINKLING OR OTHER ACCEPTABLE MEANS.
  - ALL AREAS TO BE EXPOSED FOR MORE THAN 14 DAYS WITHOUT GRADING SHALL BE SEEDED AND MULCHED WITH TEMPORARY COVER WITHIN 7 DAYS OF GRADING. DISTURBED AREAS SHALL BE SEEDED AND MULCHED WITHIN 14 DAYS OF FINAL GRADING.
  - ROADWAY BASE STONE SHALL BE PLACED WITHIN 10 DAYS OF COMPLETION OF THE SUB-GRADE.
  - CONTRACTOR SHALL REFER TO SITE SPECIFIC SWPPP FOR ADDITIONAL EROSION PREVENTION AND SEDIMENT CONTROL REQUIREMENTS.
  - A GRASS SEED MIXTURE CONSISTING OF 80 PERCENT KENTUCKY #31 FESCUE AND 20 PERCENT PERENNIAL RYEGRASS SHALL BE APPLIED AT THE RATE OF 150 POUNDS PER ACRE TO ALL DISTURBED AREAS UNLESS OTHERWISE NOTED.
  - COVER SEEDED AREAS WITH STRAW MULCH AT THE RATE OF 75 POUNDS PER 1000 SQUARE FEET.
  - AREAS WITH SLOPES 3:1 OR STEEPER SHALL BE PROTECTED WITH CONTECH "EXCELSIOR" EROSION CONTROL BLANKET OR APPROVED ALTERNATE INSTALLED PER MANUFACTURERS RECOMMENDATIONS.
  - THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL DEVICES WEEKLY AND AFTER ALL STORMS THAT PRODUCE MORE THAN 0.5 INCHES OF RAIN IN A 24-HOUR PERIOD. ALL NEEDED REPAIRS SHALL BE MADE WITHIN A 24-HOUR PERIOD OF BEING NOTED. THE CONTRACTOR SHALL MAINTAIN A LOGBOOK ON SITE, NOTING ALL INSPECTIONS AND REPAIRS OF THE EROSION CONTROL DEVICES. EACH ENTRY SHALL BE SIGNED AND DATED BY THE PROJECT SUPERINTENDENT. INSPECTION REPORTS SHALL BE SUBMITTED TO THE LOCAL EFO AS SPECIFIED IN THE STORM WATER POLLUTION PREVENTION PLAN.
  - CONTRACTOR SHALL REPAIR/REPLACE ANY EPSC MEASURES THAT ARE FAILING OR IN DISREPAIR AS INDICATED ON THE 72 HOUR TDEC CONSTRUCTION INSPECTION REPORT AND/OR WHEN NOTIFIED BY THE CITY STORMWATER INSPECTOR.
  - THE EROSION CONTROL MEASURES SHOWN ARE THE MINIMUM ALLOWABLE AND THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING ADDITIONAL EROSION CONTROL MEASURES AS FIELD CONDITIONS AND POST STORM INSPECTIONS DICTATE.
  - EXCESS STOCKPILE MATERIAL SHALL BE SURROUNDED WITH SILT FENCE, SEEDED, AND MULCHED. THE STOCKPILE LOCATION IS TO BE APPROVED BY THE OWNER.
  - STEEP SLOPES, SLOPES GREATER THAN 35% SHALL BE STABILIZED NOT LATER THAN 7 DAYS AFTER CONSTRUCTION ACTIVITY ON THE SLOPE HAS TEMPORARILY OR PERMANENTLY CEASED. PERMANENT STABILIZATION WITH PERENNIAL VEGETATION SHALL REPLACE ANY TEMPORARY MEASURES AS SOON AS PRACTICABLE.
  - ALL DEWATERING PRACTICES ON THE SITE MUST COMPLY WITH TDEC BMP MANUAL'S DEWATERING CRITERIA INDICATED IN SECTION 7.21
  - A LICENSED PROFESSIONAL ENGINEER (P.E.) MUST CERTIFY THAT ALL INITIAL EPSC MEASURES ARE INSTALLED PER THE PLAN AND DETAILS PRIOR TO BEGINNING GRADING OPERATIONS. THE LICENSED P.E. MUST ALSO PERFORM A SITE ASSESSMENT AFTER 30 DAYS OF CONSTRUCTION WITHIN THE WATERSHED FOR OUTFALLS WITH DRAINAGE AREAS GREATER THAN OR EQUAL TO 10 ACRES.

SEDIMENT TRAP TO BE INSTALLED PRIOR TO ISSUANCE OF A GRADING PERMIT, AND SHALL BE COMPLETED BEFORE ANY MAJOR CLEARING OR GRADING TAKES PLACE.



**SILT FENCE CALCULATIONS**  
DRAINAGE AREA; D.A. = 1 AC  
LENGTH; L = 150 L.F.

— SF — SF — SF —

REQUIRED LENGTH OF SILT FENCE TO TREAT D.A. PER TDEC STANDARDS:  
1 AC PER 150 LF WIRE-BACKED SILT FENCE

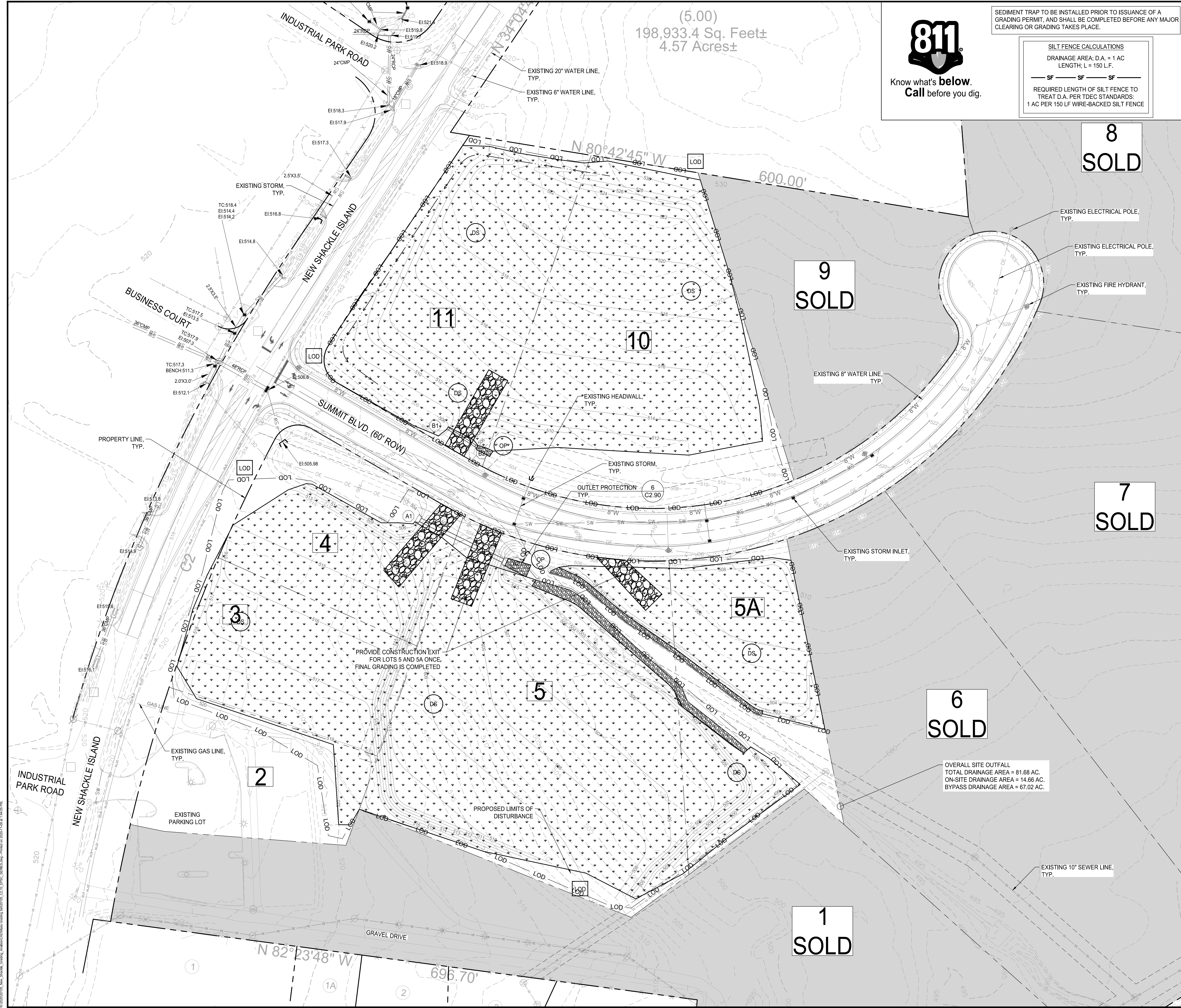
**8 SOLD**

**9 SOLD**

**7 SOLD**

**6 SOLD**

**1 SOLD**



OVERALL SITE OUTFALL  
TOTAL DRAINAGE AREA = 81.68 AC.  
ON-SITE DRAINAGE AREA = 14.66 AC.  
BYPASS DRAINAGE AREA = 67.02 AC.

**EROSION CONTROL KEY:**

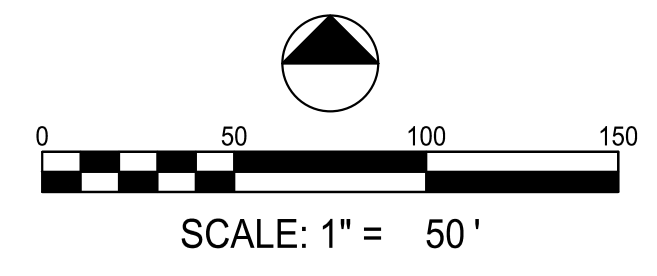
— LOD —	LOD	LIMITS OF DISTURBANCE	
— ST —	ST	TEMPORARY SEDIMENT TRAP	6 C2.91
— FR —	FR	TEMPORARY FILTER RING	4 C2.91
— CE —	CE	CONSTRUCTION EXIT	1 C2.90
— CD-R —	CD-R	ROCK CHECK DAM	5 C2.91
— SF-C —	SF-C	SILT FENCE (TYPE "C")	2 C2.90
— IP —	IP	INLET PROTECTION	5 C2.90
— ECM —	ECM	EROSION CONTROL MATTING	1 C2.91
— CW —	CW	CONCRETE WASHOUT	4 C2.90
— OP —	OP	OUTLET PROTECTION	6 C2.90
— DS —	DS	DISTURBED AREA SEEDING	3 C2.91

ALL PHASE 1 EPSC MEASURES MUST BE IN PLACE PRIOR TO ISSUANCE OF A GRADING PERMIT.

NO PORTION OF THIS SITE LIES WITHIN A FLOOD HAZARD AREA AS DETERMINED FROM THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP #47165C0392G EFFECTIVE DATE APRIL 17, 2012.

REFER TO THE TENNESSEE EROSION AND SEDIMENT CONTROL HANDBOOK, LATEST EDITION FOR ADDITIONAL DETAIL ON BEST MANAGEMENT PRACTICES

THIS SITE DOES NOT DRAIN TO AN IMPAIRED STREAM OR EXCEPTIONAL TN WATERS.



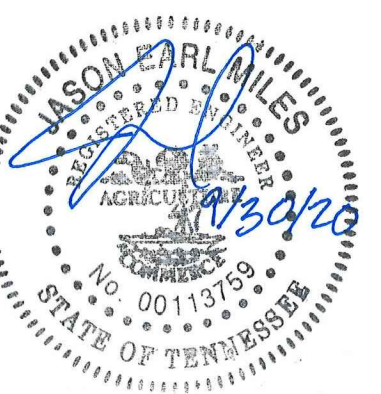
N:\2020\20105\_New\_Shackle\_Island\2020\Mass\_Grading\_Set\20105\_C2.30\_EPSC\_Phase\_3.dwg, P:\2020\20105\108\114\1018.dwg

# HENDERSONVILLE BUSINESS PARK

## MASS GRADING SET

PREPARED FOR:  
RICHLAND SOUTH LLC

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C2.20	EPSC PHASE 2
C2.30	EPSC PHASE 3
C2.90	EPSC DETAILS
C2.91	EPSC DETAILS

### OWNER/DEVELOPER

RICHLAND SOUTH LLC  
212 OVERLOOK CIRCLE #207  
BRENTWOOD, TN 37027  
(615) 566-3250  
CONTACT: HOSS MOUSAVI

### DESIGNER

**LOSE DESIGN**  
LANDSCAPE ARCHITECTURE/ARCHITECTURE/CIVIL  
ENGINEERING/PLANNING  
  
2809 FOSTER AVENUE  
NASHVILLE, TENNESSEE 37210  
PHONE: 615-242-0040  
CONTACT: JASON MILES  
JMILES@LOSE.DESIGN

### SURVEYOR

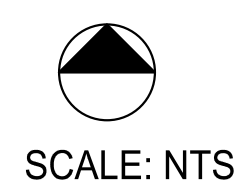
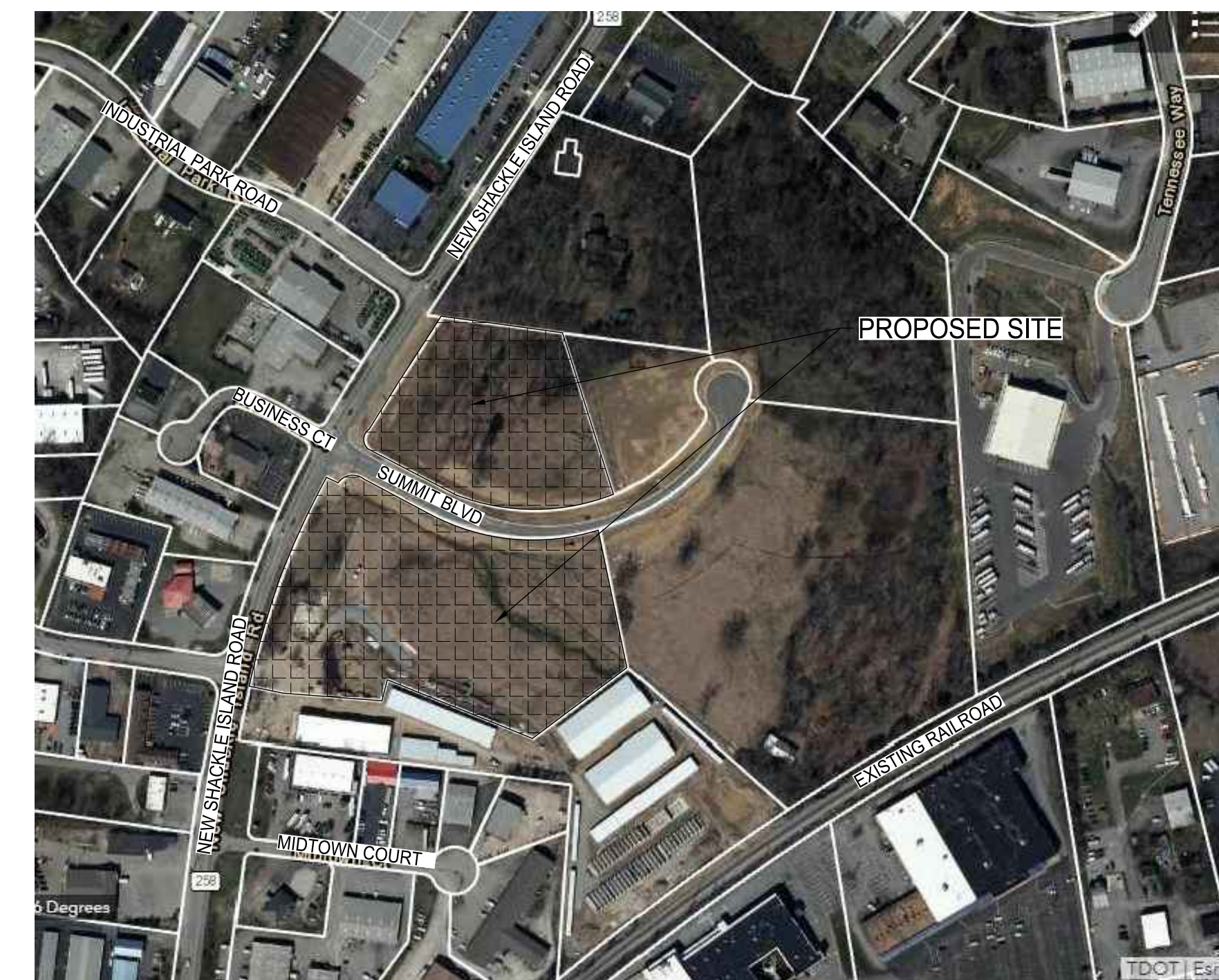
SURVEYOR:  
BRUCE RAINEY & ASSOCIATES  
116 MAPLE ROW BLVD.  
HENDERSONVILLE, TN 37075  
(615) 822-0012  
CONTACT: BRUCE RAINEY

### SITE DATA

TOTAL SITE ACREAGE: 10.01 AC.  
DISTURBED AREA: 8.76 AC.  
ADDRESS: 126 NEW SHACKLE ISLAND ROAD  
HENDERSONVILLE, TN  
TAX MAP: 160M  
GROUP: A  
PARCEL NUMBER: 005.01

NO PORTION OF THIS SITE LIES WITHIN A FLOOD HAZARD AREA  
ACCORDING TO F.I.R.M. FLOOD MAP NO. 47165C0392G, DATED 04/17/2012.

### LOCATION MAP



HENDERSONVILLE BUSINESS PARK  
MASS GRADING SET

TENNESSEE  
PREPARED FOR:  
RICHLAND SOUTH LLC  
HENDERSONVILLE

SUBMITTALS / REVISIONS	
NO.	DESCRIPTION

SHEET TITLE	
COVER	

PROJECT NO. 20105	DATE 09/30/2020
DRAWN BY BB	SCALE NTS
CHECKED BY JM	SHEET NO.

C0.00