

GENERAL NOTES:

- CONSTRUCTION METHODS AND MATERIALS SHALL CONFORM TO APPLICABLE FEDERAL, STATE, AND LOCAL LAWS.
- PERMITS NECESSARY FOR CONSTRUCTION SHALL BE OBTAINED BY CONTRACTOR.
- DEVIATIONS FROM PLANS ARE PROHIBITED WITHOUT WRITTEN CONSENT OF THE ENGINEER.
- CONTRACTOR IS TO IMMEDIATELY CONTACT ENGINEER IF ANY UNFORESEEN CONDITIONS OR DISCREPANCIES OCCUR.
- CONTRACTOR SHALL COORDINATE CONSTRUCTION OF UTILITIES ON SITE WITH APPROPRIATE PROVIDER (I.E. POWER, PHONE, CABLE, ETC.).
- ENGINEER IS NOT RESPONSIBLE FOR PHYSICAL CONSTRUCTION OF SITE.
- CONTRACTOR SHALL MAINTAIN A SAFE SITE AND MEET APPROPRIATE REGULATIONS CONCERNING SAFETY.
- SURVEY DATA PROVIDED BY JACKSON SURVEYING, INC.
 - DATE OF SURVEY 10/19/2022
 - SURVEYOR PROJECT OR FILE NO. LSF001244
- EXISTING SURVEY INFORMATION TO BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR TO NOTIFY ENGINEER OF DISCREPANCIES IN FIELD OBSERVATIONS VERSUS SURVEY DATA.
- CONTRACTOR TO LOCATE UTILITIES PRIOR TO CONSTRUCTION BY CALLING "CALL BEFORE YOU DIG" HOTLINE: 811.
- ACCORDING TO FEMA FLOOD INSURANCE RATEMAPS 13191C0381E, DATED 08-02-2018, SITE IS LOCATED IN ZONE "X" UNSHADED.
- HORIZONTAL DATUM BASED ON GEORGIA STATE PLANE COORDINATE SYSTEM; EAST ZONE NAD83; VERTICAL DATUM BASED ON NAVD 88.

ADA NOTES:

- CONTRACTOR IS RESPONSIBLE FOR ADHERING TO CURRENT ADA REQUIREMENTS.
- EXTERIOR ACCESSIBLE ROUTE SHALL HAVE A MINIMUM WIDTH OF 3 FEET. IF ACCESSIBLE ROUTE CLEAR WIDTH IS LESS THAN 3 FEET, THEN 6"x6" PASSING SPACES SHALL BE PROVIDED EVERY 200' OR LESS. INTERSECTING SIDEWALKS MEET THIS REQUIREMENT.
- FINISHED SURFACE HEIGHT DIFFERENCE REQUIREMENTS SHALL MEET FOLLOWING:
 - 0 - 1/2" NO REQUIREMENTS.
 - 1/2" - 2" BEVEL WITH 1:2 SLOPE.
 - GREATER THAN 2" CONFORM TO RAMP REQUIREMENTS.
- RAMPS SHALL MEET FOLLOWING CONSTRAINTS:
 - MAX SLOPE 1:12.
 - MAX RAMP RISE IS 30".
 - MAX RAMP LENGTH IS 30'.
 - MAX CROSS SLOPE IS 2.00%.
- RAMP LANDINGS SHALL MEET FOLLOWING CONSTRAINTS:
 - A MINIMUM 8' LONG LEVEL LANDING AT LEAST AS WIDE AS RAMP SHALL BE PLACED AT TOP AND BOTTOM OF RAMP.
 - LANDING SHALL BE MINIMUM 5'x5' WHERE RAMP CHANGES DIRECTION.
 - LANDINGS SHALL NOT EXCEED A 2.00% SLOPE.
- HANDRAILS SHALL MEET FOLLOWING CONSTRAINTS:
 - IF RAMP RISE IS GREATER THAN 6", THEN HANDRAILS ARE REQUIRED ON BOTH SIDES OF RAMP.
 - MINIMUM OF 12" LONG HANDRAIL EXTENSIONS SHALL BE PROVIDED AT TOP AND BOTTOM OF LANDINGS.

PROJECT NOTES:

- OWNER / DEVELOPER:
 - NAME: DARIEN DEVELOPMENT AUTHORITY
 - CONTACT: DEBORAH GILKEY
 - ADDRESS: LOT 109A
 - DARIEN, TAX PARCEL : D006 0138
- ZONING CLASSIFICATION: CHT-HQ, GENERAL COMMERCIAL, GOVERNMENT OVERLAY SUBAREAS
 DEVELOPMENT ORDINANCE (NAME / DATE): THE CODE OF THE CITY OF DARIEN GEORGIA, AUGUST 16, 2022
 - FRONT SETBACK: 0'
 - SIDE SETBACK: 0'
 - REAR SETBACK: 0'
 - BUILDING HEIGHT (ALLOWABLE / PROPOSED): N/A.
- SITE COVERAGE
 - TOTAL AREA: 7,521 SQ. FT. (0.17 AC)
 - IMPERVIOUS (ALLOWABLE / PROPOSED): N/A (7,521 SQ. FT.)
 - OPEN SPACE (REQUIRED / PROPOSED): N/A
- PARKING REQUIREMENTS:
 - REQUIRED / PROPOSED: N/A / 12 REG + 1 HC + 2 EV + 15

EARTHWORK AND PAVING:

- UPPER 12 INCHES OF SUBGRADE BELOW PAVEMENT AND BUILDINGS SHALL BE SCARIFIED AND RECOMPACTED TO 100% STANDARD PROCTOR MAX DRY WEIGHT DENSITY WITH A MOISTURE CONTENT WITHIN 2% OF OPTIMUM MOISTURE CONTENT.
- CONTRACTOR TO PROVIDE TEST RESULTS OF SUBGRADE AND BASE COURSE COMPACTION TO ENGINEER INCLUDING VOLUME ESTIMATES OF ANY UNSUITABLE SOILS TO BE REMOVED AND REPLACED THAT WERE IDENTIFIED DURING COMPACTION OPERATIONS PER ITEM NO. 1 ABOVE. IF ANY, CONTRACTOR SHALL NOT PROCEED WITH OVER-EXCAVATION AND REPLACEMENT OF UNSUITABLE SOILS WITHOUT WRITTEN AUTHORIZATION FROM ENGINEER OR OWNER.
- FOR APPROVED AREAS OF OVER-EXCAVATION AND REPLACEMENT, CONTRACTOR TO REMOVE IDENTIFIED UNSUITABLE MATERIAL TO A DEPTH OF 3 FEET AND REPLACE WITH STRUCTURAL FILL.
- IN AREAS WHERE STRUCTURAL FILL IS REQUIRED, FILL SHALL BE PLACED IN LIFTS OF 6 INCHES AND BE COMPACTED TO 100% STANDARD PROCTOR MAX DRY WEIGHT DENSITY. STRUCTURAL FILL SHALL CONSIST OF GRANULAR SOIL CONTAINING LESS THAN 10% MATERIAL PASSING THE NO 200 SIEVE.
- EXCAVATION AND FILL SHALL BE COMPLETED PRIOR TO INSTALLATION OF UTILITIES.

GRADING & DRAINAGE NOTES:

- STORM PIPES SHALL BE JOINED PER DOT SPECIFICATIONS.
- PIPING SHALL BE INSTALLED IN NEW CONDITION.
- A RIGHT-OF-WAY WORK PERMIT MAY BE REQUIRED BEFORE ANY WORK CAN BE DONE IN RIGHT-OF-WAY.
- STORM DRAINAGE PIPING SHALL BE CONSTRUCTED PER GA DOT SPECS.
- STORM DRAINAGE PIPING JOINTS SHALL BE WRAPPED IN FILTER FABRIC.
- CONTRACTOR TO REQUEST CONFIRMATION OF LATEST PLAN REVISION DATE FROM ENGINEER IN WRITING PRIOR TO ORDERING MATERIALS.
- IT IS CONTRACTOR'S SOLE RESPONSIBILITY TO REVIEW AND APPROVE SHOP DRAWINGS PRIOR TO ORDERING MATERIALS.

NOT RELEASED FOR CONSTRUCTION

REVISIONS
2023-06-20



GENERAL NOTES

LOT 109A
DARIEN, GA
PREPARED FOR:
DARIEN DDA

DATE: 2023-05-23
 PROJECT NUMBER: 22221
 DRAWN BY: MS
 CHECKED BY: IN
 SCALE: NTS

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SHEET:

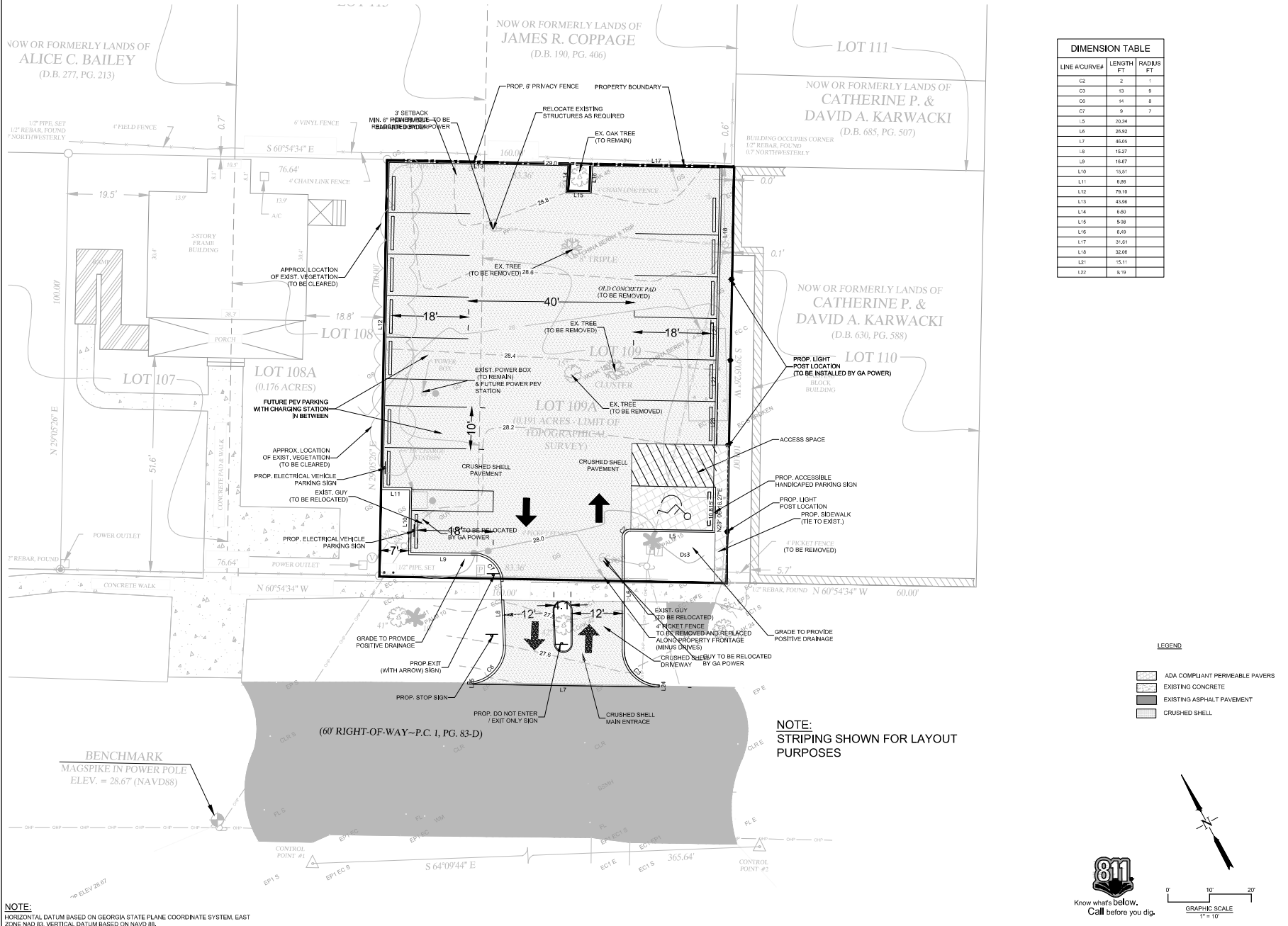
NOW OR FORMERLY LANDS OF
ALICE C. BAILEY
(D.B. 277, PG. 213)

NOW OR FORMERLY LANDS OF
JAMES R. COPPAGE
(D.B. 190, PG. 406)

LOT 111

NOW OR FORMERLY LANDS OF
CATHERINE P. &
DAVID A. KARWACKI
(D.B. 685, PG. 507)

NOW OR FORMERLY LANDS OF
CATHERINE P. &
DAVID A. KARWACKI
(D.B. 630, PG. 588)



DIMENSION TABLE		
LINE #/CURVE#	LENGTH FT.	RADIUS FT.
C2	2	1
C3	13	9
C6	14	8
C7	9	7
L5	20.24	
L6	28.82	
L7	48.06	
L8	15.37	
L9	15.47	
L10	15.91	
L11	6.86	
L12	78.10	
L13	43.26	
L14	6.20	
L15	5.08	
L16	6.08	
L17	31.61	
L18	32.08	
L21	15.11	
L22	9.19	

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STAKING PLAN

LOT 109A
DARIEN, GA
PREPARED FOR:
DARIEN/DDA

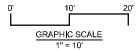
DATE: 2023-05-23
PROJECT NUMBER: 22221
DRAWN BY: MS
CHECKED BY: IN
SCALE: 1"=10' (PER VARIOUS)

4

SHEET:

LEGEND

	ADA COMPLIANT PERMEABLE PAVERS
	EXISTING CONCRETE
	EXISTING ASPHALT PAVEMENT
	CRUSHED SHELL



NOTE:
HORIZONTAL DATUM BASED ON GEORGIA STATE PLANE COORDINATE SYSTEM, EAST ZONE NAD 83, VERTICAL: DATUM BASED ON NAVD 88.

NOTE:
STRIPING SHOWN FOR LAYOUT PURPOSES



- LEGEND**
- ADA COMPLIANT PERMEABLE PAVERS
 - EXISTING CONCRETE
 - EXISTING ASPHALT PAVEMENT
 - CRUSHED SHELL
 - EXISTING CONTOUR
 - PROPOSED CONTOUR
 - PROPOSED SPOT ELEVATION AT LOW POINT
 - PROPOSED SPOT ELEVATION AT HIGH POINT
 - PROPOSED SPOT ELEVATION TO MATCH EXISTING

NOT RELEASED FOR CONSTRUCTION

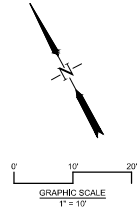
REVISIONS

2023-06-20



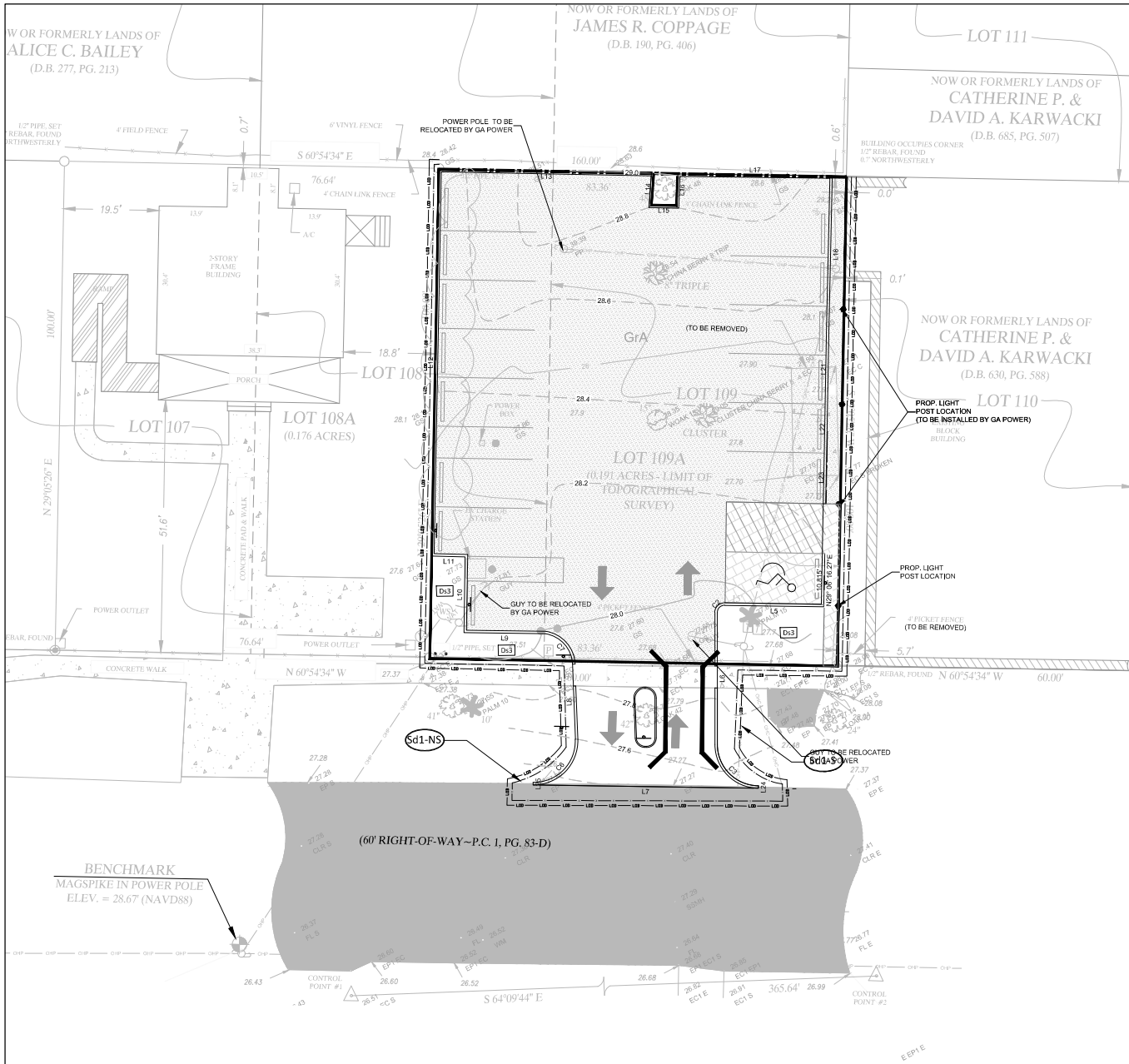
GRADING PLAN
 LOT 109A
 DARIEN, GA
 PREPARED FOR:
 DARIEN DDA

DATE: 2023-05-23
 PROJECT NUMBER: 22221
 DRAWN BY: MS
 CHECKED BY: IN
 SCALE: 1"=10' (PER 2007 P&M)



NOTE:
 HORIZONTAL DATUM BASED ON GEORGIA STATE PLANE COORDINATE SYSTEM, EAST ZONE NAD 83. VERTICAL DATUM BASED ON NAVD 88.

5
 SHEET:



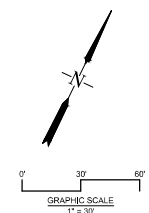
NOTE:
 HORIZONTAL DATUM BASED ON GEORGIA STATE PLANE COORDINATE SYSTEM, EAST ZONE NAD 83. VERTICAL DATUM BASED ON NAVD 88.

- ESAPC LEGEND**
- Co CONSTRUCTION EXIT
 - Sd1-NS SEDIMENT BARRIER SILT FENCE - (TYPE A) NON-SENSITIVE
 - Sd1-S SEDIMENT BARRIER SILT FENCE - (TYPE C) SENSITIVE
 - Du DUST CONTROL
 - Ds2 TEMPORARY SEEDING
 - Ds3 PERMANENT SEEDING
 - LOD LIMIT OF DISTURBANCE
 - GrA SOILS
 - SOILS DELINEATION

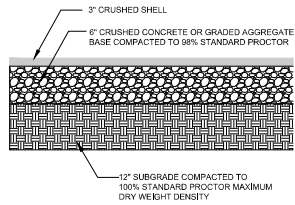
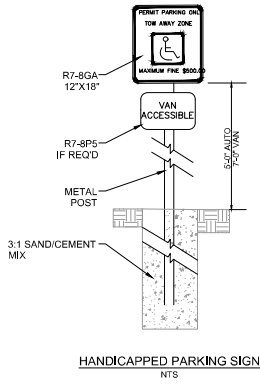
U.S. HIGHWAY 17



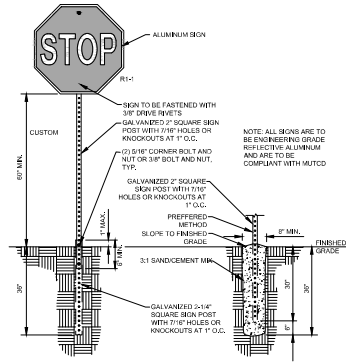
Know what's below,
 Call before you dig.



NOT RELEASED FOR CONSTRUCTION	
2023-06-20 REVISIONS	 ROBERTS CIVIL ENGINEERING <small>15 SHILOH BLVD. LAWRENCEVILLE, GEORGIA 30046 WWW.ROBERTSCIVILENGINEERING.COM</small>
ES & PC PLAN LOT 109A DARIEN, GA PREPARED FOR: DARIEN DDA	
DATE: 2023-05-23 PROJECT NUMBER: 22221 DRAWN BY: MS CHECKED BY: IN SCALE: 1"=30' (PER VARIOUS)	<div style="font-size: 2em; font-weight: bold;">6</div> SHEET:



CRUSHED SHELL PAVING SECTION
NTS



POST AND SIGNAGE INSTALLATION DETAIL
SCALE: NTS

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2023-06-20



CONSTRUCTION DETAILS

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DARIEN DDA

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PROJECT NUMBER: 22221

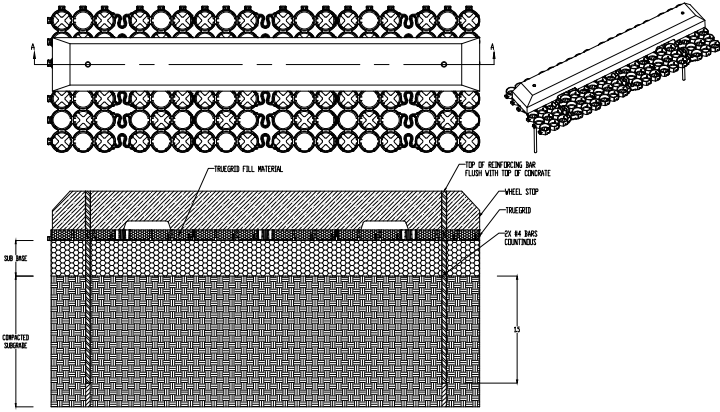
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CHECKED BY: JN

SCALE: NTS

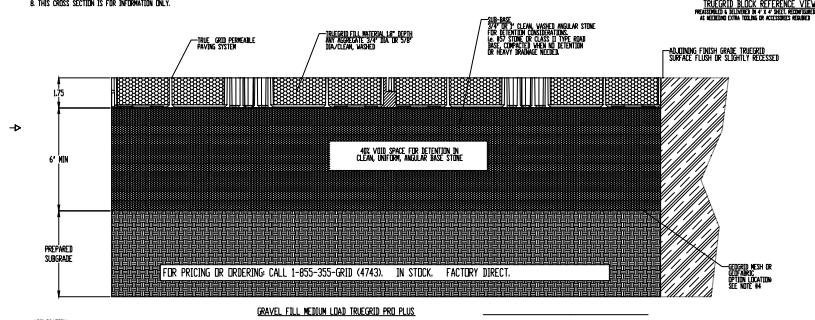
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SHEET:



NOTES

1. SUB-BASE DEPTH AND PREPARATION IS DEPENDENT ON SITE CONDITIONS PLUS LOADING REQUIREMENTS.
2. TRIGRID PRO PLUS PRODUCTS DESIGNED FOR LOAD CAPACITIES OF 25,000 LBS PER SQ. FT. TRIGRID PRODUCTS STRENGTHEN WITH FILL MATERIAL.
3. TRIGRID PRO PLUS PRODUCTS ARE SUFFICIENTLY RATED FOR 4-20 40-20 LOADING AND GREATER.
4. GEOTEXTILE MESH OR GEOTEXTILES MAY BE REQUIRED BETWEEN SUB-GRADE & SUB-BASE FOR CERTAIN SOILS AND SITE SPECIFIC REQUIREMENTS.
5. INCREASE SUB-BASE DEPTH FOR INCREASED STORM WATER DETENTION.
6. NO STORM NEEDED WITH TRIGRID PRO PLUS WHEN SLOPE IS BELOW 10 DEGREES. ASSESS PROJECT, AS NEEDED.
7. FINAL ENGINEERED CROSS SECTION AGGREGATES AND DEPTH SHOULD ALLOW FOR CORRECT INFILTRATION RATES, STORAGE CAPACITIES, OUTLET FLOW RATES, AND OTHER SITE SPECIFIC CONDITION AND LOAD REQUIREMENTS.
8. THIS CROSS SECTION IS FOR INFORMATION ONLY.



GRAVEL FILL, MEDIUM LOAD TRIGRID PRO PLUS

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2023-06-20



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SHEET:

