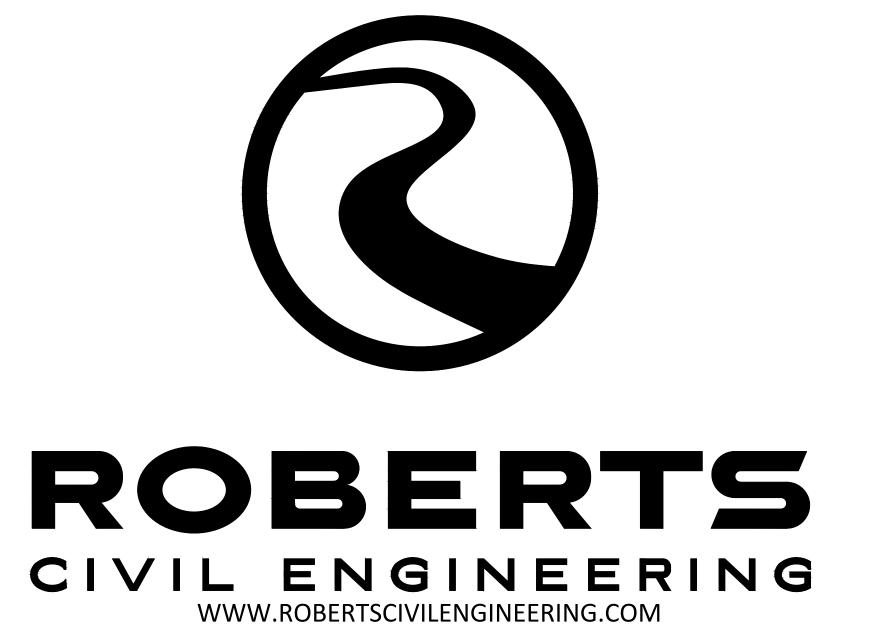
# SITE CONSTRUCTION PLANS LOT 109A DARIEN, GA

PREPARED FOR: THE CITY OF DARIEN GA



Know what's below. Call before you dig.

**NOT RELEASED** CONSTRUCTION **VICINITY MAP** DARIEN, GA LOT 109A OWNER **ENGINEER** CITY OF DARIEN ROBERTS CIVIL ENGINEERING CONTACT **DEBORAH GILKEY** CONTACT JESSICA NAJAR DDADIRECTOR@DARIENTEL.NET JNAJAR@ROBERTSCIVILENGINEERING.COM **REVISIONS** 

2023-05-22: ORIGINAL ISSUE DATE RCE PROJECT NUMBER: 22221

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COVER

#### **GENERAL NOTES:**

- 1. CONSTRUCTION METHODS AND MATERIALS SHALL CONFORM TO APPLICABLE FEDERAL, STATE, AND LOCAL
- 2. PERMITS NECESSARY FOR CONSTRUCTION SHALL BE OBTAINED BY CONTRACTOR.
- 3. DEVIATIONS FROM PLANS ARE PROHIBITED WITHOUT WRITTEN CONSENT OF THE ENGINEER.
- 4. CONTRACTOR IS TO IMMEDIATELY CONTACT ENGINEER IF ANY UNFORESEEN CONDITIONS OR DISCREPANCIES OCCUR.
- 5. CONTRACTOR SHALL COORDINATE CONSTRUCTION OF UTILITIES ON SITE WITH APPROPRIATE PROVIDER (I.E., POWER, PHONE, CABLE, ETC.).
- 6. ENGINEER IS NOT RESPONSIBLE FOR PHYSICAL CONSTRUCTION OF SITE.
- 7. CONTRACTOR SHALL MAINTAIN A SAFE SITE AND MEET APPROPRIATE REGULATIONS CONCERNING SAFETY.
- 8. SURVEY DATA PROVIDED BY JACKSON SURVEYING, INC.
- A. DATE OF SURVEY 10/18/2022 B. SURVEYOR PROJECT OR FILE NO. LSF001244
- 9. EXISTING SURVEY INFORMATION TO BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR TO NOTIFY ENGINEER OF DISCREPANCIES IN FIELD OBSERVATIONS VERSUS SURVEY DATA.
- 10. CONTRACTOR TO LOCATE UTILITIES PRIOR TO CONSTRUCTION BY CALLING "CALL BEFORE YOU DIG" HOTLINE: 811.
- 11. ACCORDING TO FEMA FLOOD INSURANCE RATEMAPS 13191C0381E, DATED 08-02-2018. SITE IS LOCATED IN ZONE "X" UNSHADED.
- 12. HORIZONTAL DATUM BASED ON GEORGIA STATE PLANE COORDINATE SYSTEM, EAST ZONE NAD83. VERTICAL DATUM BASED ON NAVD 88.

#### ADA NOTES:

- 1. CONTRACTOR IS RESPONSIBLE FOR ADHERING TO CURRENT ADA REQUIREMENTS.
- 2. EXTERIOR ACCESSIBLE ROUTE SHALL HAVE A MINIMUM WIDTH OF 3 FEET. IF ACCESSIBLE ROUTE CLEAR WIDTH IS LESS THAN 5 FEET, THEN 5'X5' PASSING SPACES SHALL BE PROVIDED EVERY 200' OR LESS. INTERSECTING SIDEWALKS MEET THIS REQUIREMENT.
- 3. FINISHED SURFACE HEIGHT DIFFERENCE REQUIREMENTS SHALL MEET FOLLOWING:
- A.  $0 \frac{1}{4}$ " NO REQUIREMENTS. B.  $\frac{1}{4}$ "- $\frac{1}{2}$ " BEVEL WITH 1:2 SLOPE.
- C. GREATER THAN ½" CONFORM TO RAMP REQUIREMENTS.
- 4. RAMPS SHALL MEET FOLLOWING CONSTRAINTS:
- A. MAX SLOPE 1:12.
- B. MAX RAMP RISE IS 30".
- C. MAX RAMP LENGTH IS 30'.
- D. MAX CROSS SLOPE IS 2.00%.
- 5. RAMP LANDINGS SHALL MEET FOLLOWING CONSTRAINTS:
- A. A MINIMUM 5' LONG LEVEL LANDING AT LEAST AS WIDE AS RAMP SHALL BE PLACED AT TOP AND BOTTOM OF RAMP.
- B. LANDING SHALL BE MINIMUM 5'X5' WHERE RAMP CHANGES DIRECTION.
- C. LANDINGS SHALL NOT EXCEED A 2.00% SLOPE.
- 6. HANDRAILS SHALL MEET FOLLOWING CONSTRAINTS:
- A. IF RAMP RISE IS GREATER THAN 6", THEN HANDRAILS ARE REQUIRED ON BOTH SIDES OF RAMP. B. MINIMUM OF 12" LONG HANDRAIL EXTENSIONS SHALL BE PROVIDED AT TOP AND BOTTOM OF LANDINGS.
- PROJECT NOTES:
- 1. OWNER / DEVELOPER:
- A. NAME: DARIEN DEVELOPMENT AUTHORITY
- B. CONTACT: DEBORAH GILKEY ADDRESS: LOT 109A
- DARIEN / TAX PARCEL : D006 0138
- 2. ZONING CLASSIFICATION: CHT-HD, GENERAL COMMERCIAL, GOVERNMENT OVERLAY SUBAREAS
- DEVELOPMENT ORDINANCE (NAME / DATE): XXXXXXXXXXXXXXXXXX
- A. FRONT SETBACK: 0'
- B. SIDE SETBACK: 0' C. REAR SETBACK: 0'
- D. BUILDING HEIGHT (ALLOWABLE / PROPOSED): N/A.
- 3. SITE COVERAGE:
- A. TOTAL AREA: 7,521 SQ. FT. (0.17 AC)
- B. IMPERVIOUS (ALLOWABLE / PROPOSED): N/A (7,521 SQ. FT.) C. OPEN SPACE (REQUIRED / PROPOSED): N/A
- PARKING REQUIREMENTS:
- A. REQUIRED / PROPOSED: N/A / 12 REG + 1 HC + 2 EV = 15

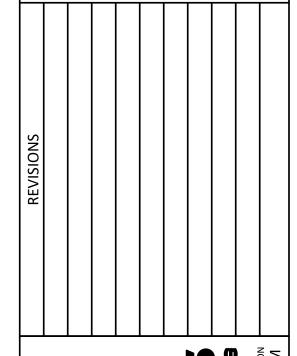
#### **EARTHWORK AND PAVING:**

- 1. 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.
- 2. 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.
- 3. 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.
- 4. 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.
- 5. EXCAVATION AND FILL SHALL BE COMPLETED PRIOR TO INSTALLATION OF UTILITIES.

#### **GRADING & DRAINAGE NOTES:**

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

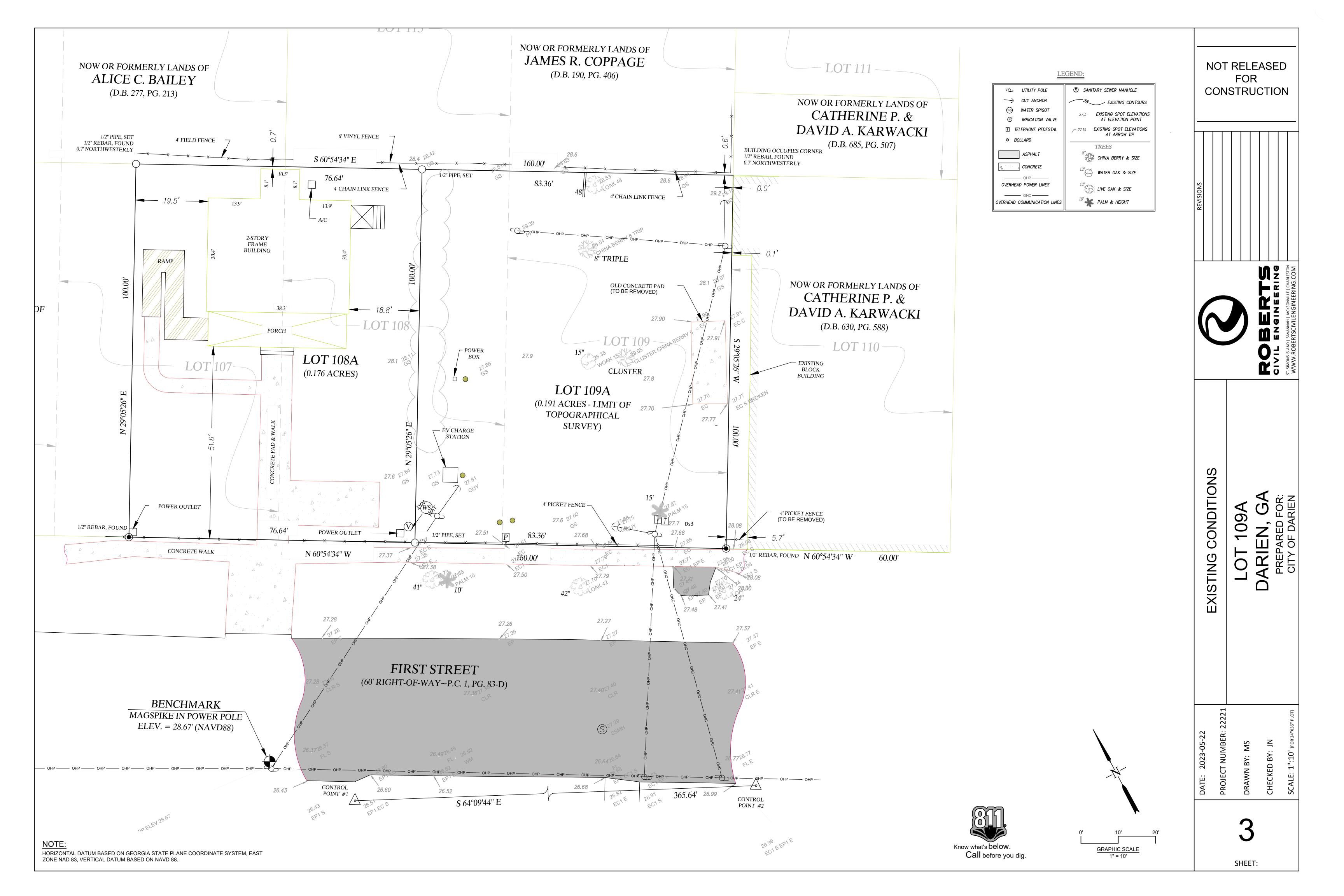
NOT RELEASED CONSTRUCTION

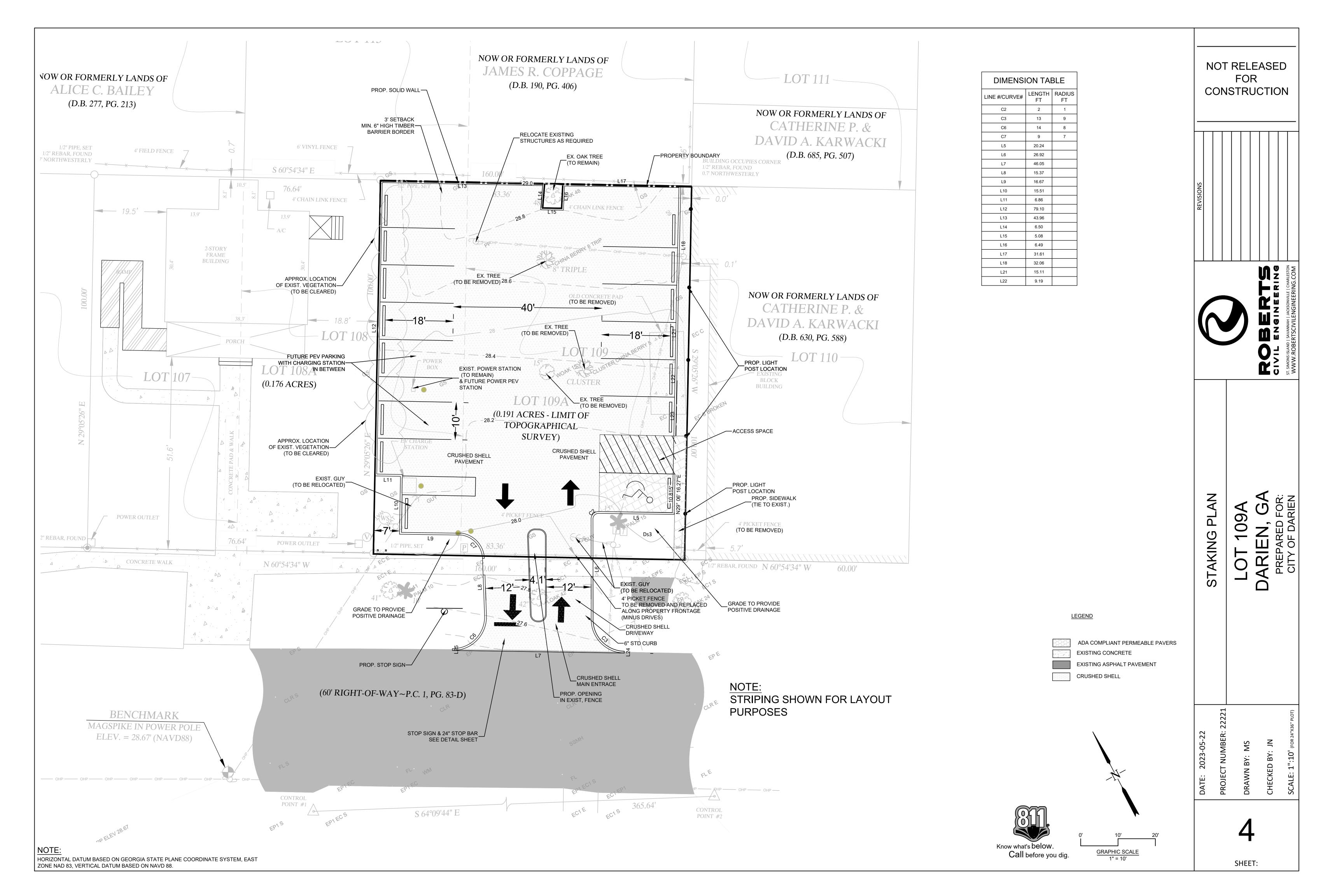


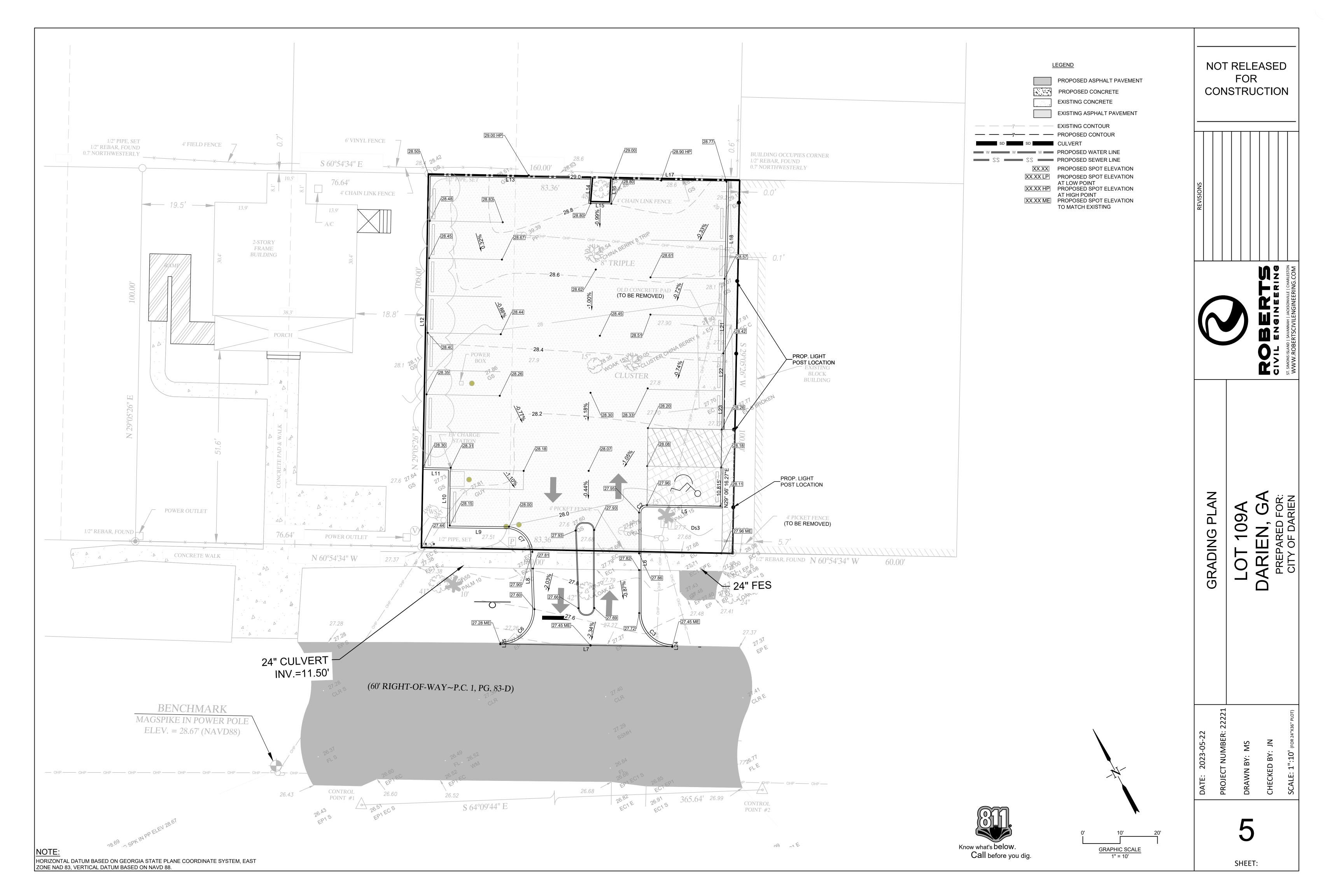


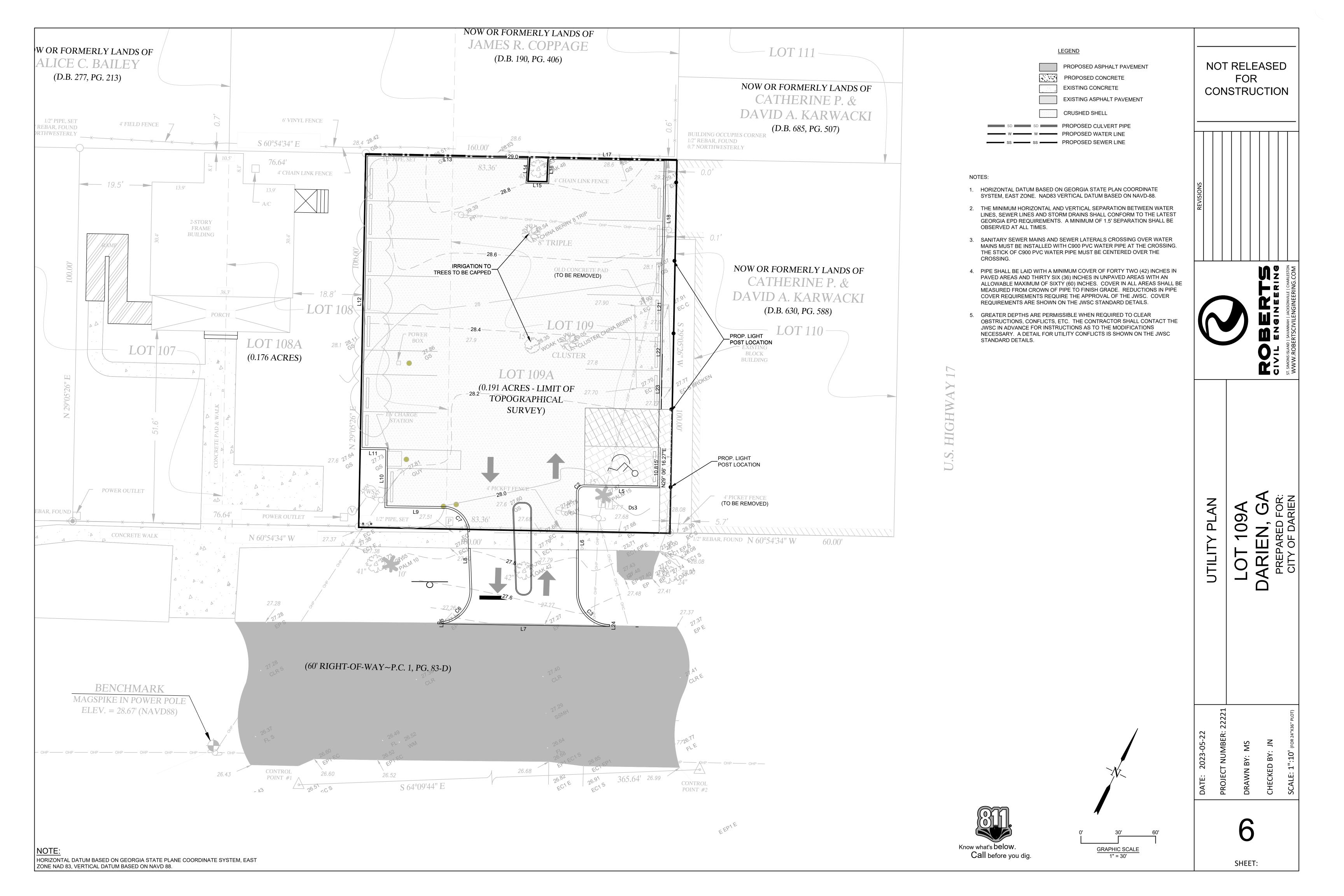
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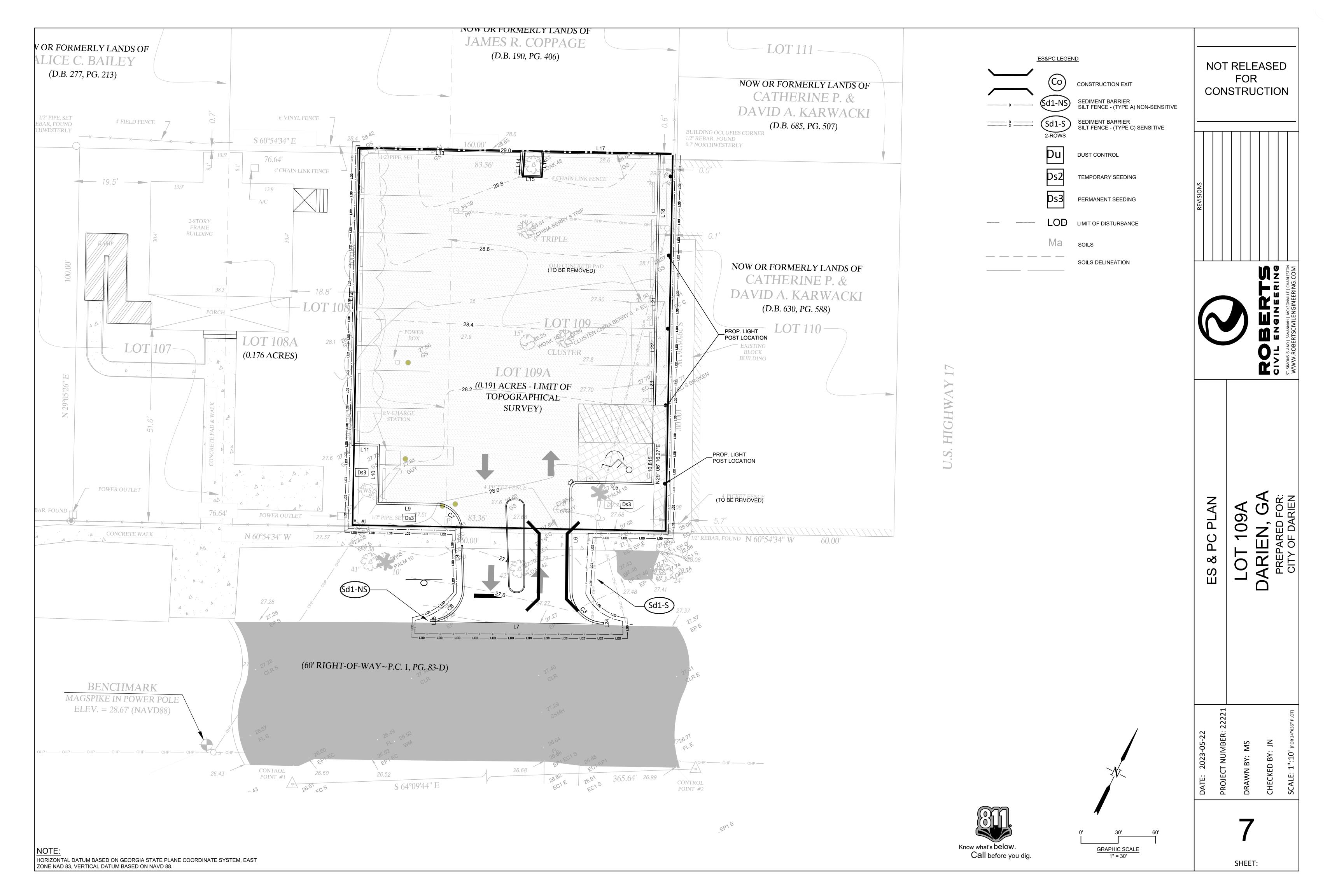
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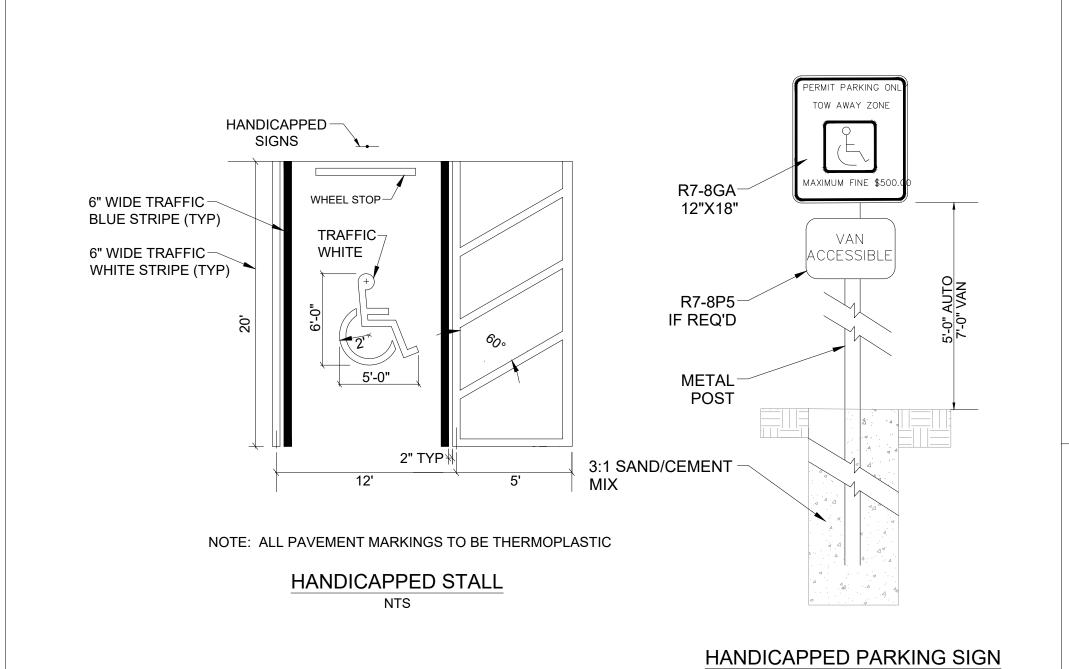












# CONCRETE SIDEWALK 1. CONTRACTION JOINTS TO BE SPACED AT 4' INTERVALS FOR 2' AND 4' SIDEWALKS, 5' INTERVALS FOR 5' SIDEWALKS, AND 6' INTERVALS FOR 6' SIDEWALKS.

2. FOR 8' AND 10' SIDEWALKS, SPACE CONTRACTION JOINTS AT 4' AND 5' INTERVALS AND PROVIDE A LONGITUDINAL CONTRACTION JOINT ALONG THE CENTERLINE.

3. CONTRACTION JOINTS SHALL BE 1" DEEP AND

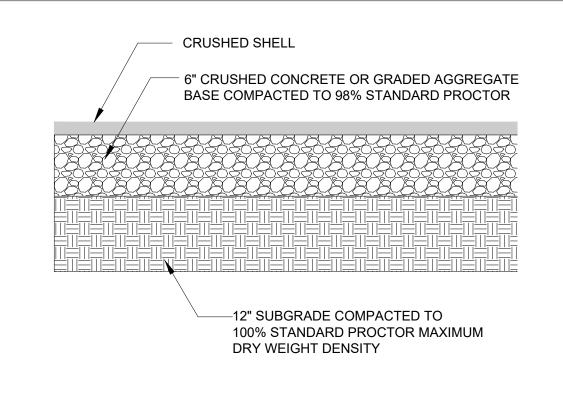
EDGED WITH A 18" RADIUS

4. USE TURN DOWN EDGE WHERE SIDEWALK ABUTS EDGE OF PAVEMENT WITH NO CURB.

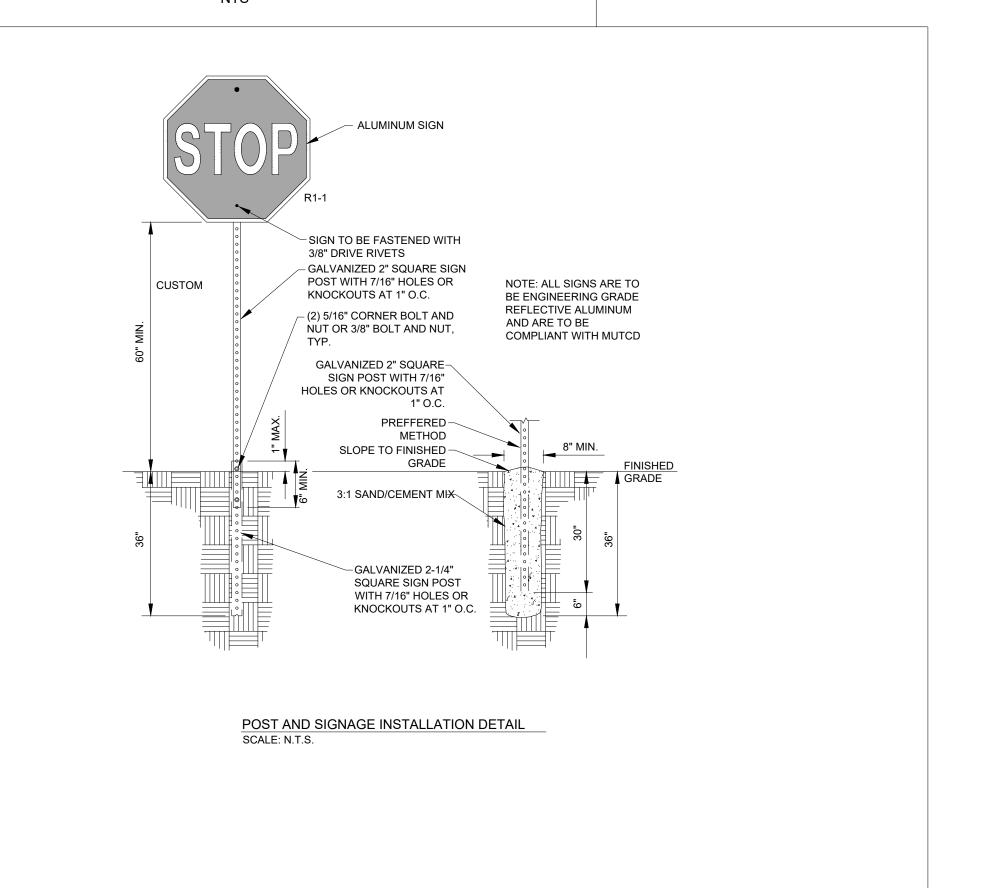
5. ½" EXPANSION JOINT MATERIAL SHALL BE PLACED EVERY 50' AND WHERE CONCRETE ABUTS CURBING OR OTHER STRUCTURES. EXPANSION JOINT MATERIAL SHALL BE VISIBLE WITH NO CONCRETE OVERLAYING THE MATERIAL.

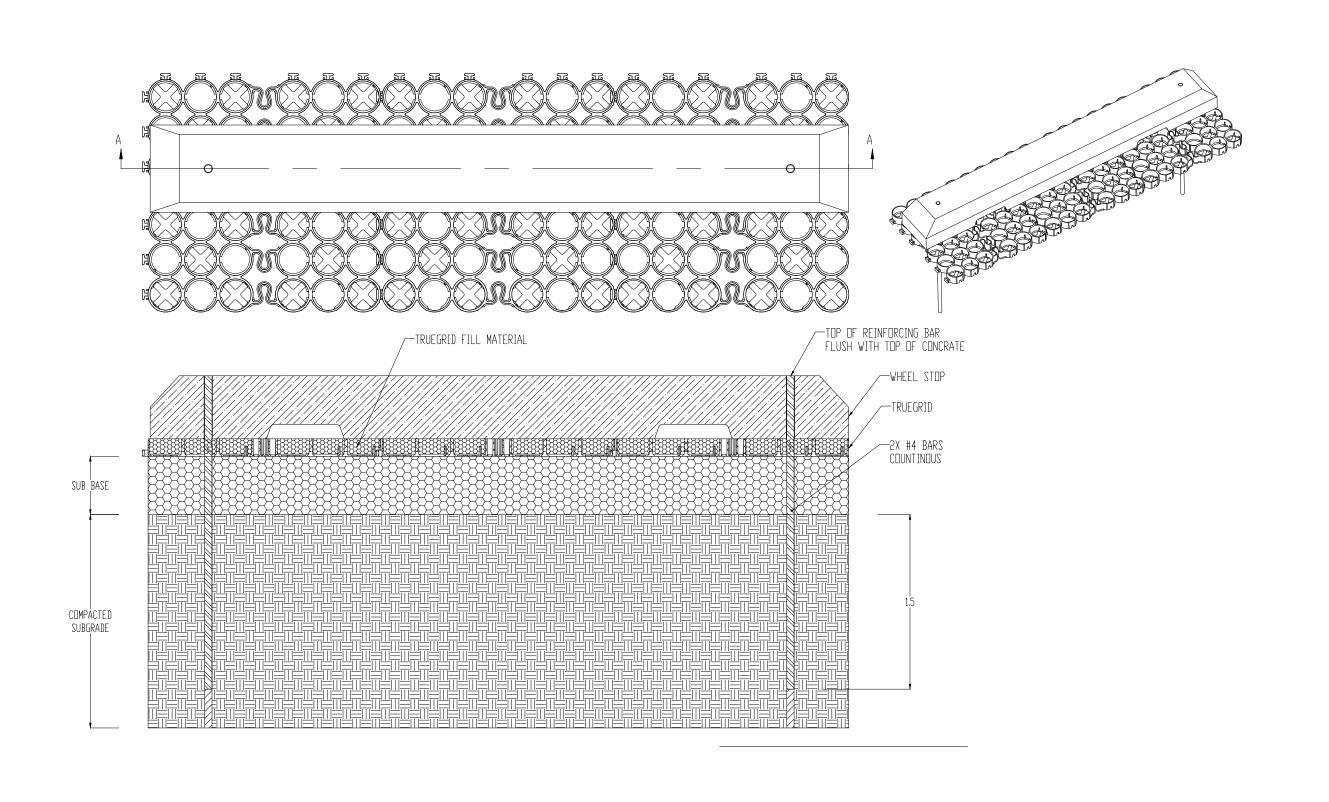
## SIDEWALK WITH TURN DOWN EDGE NTS

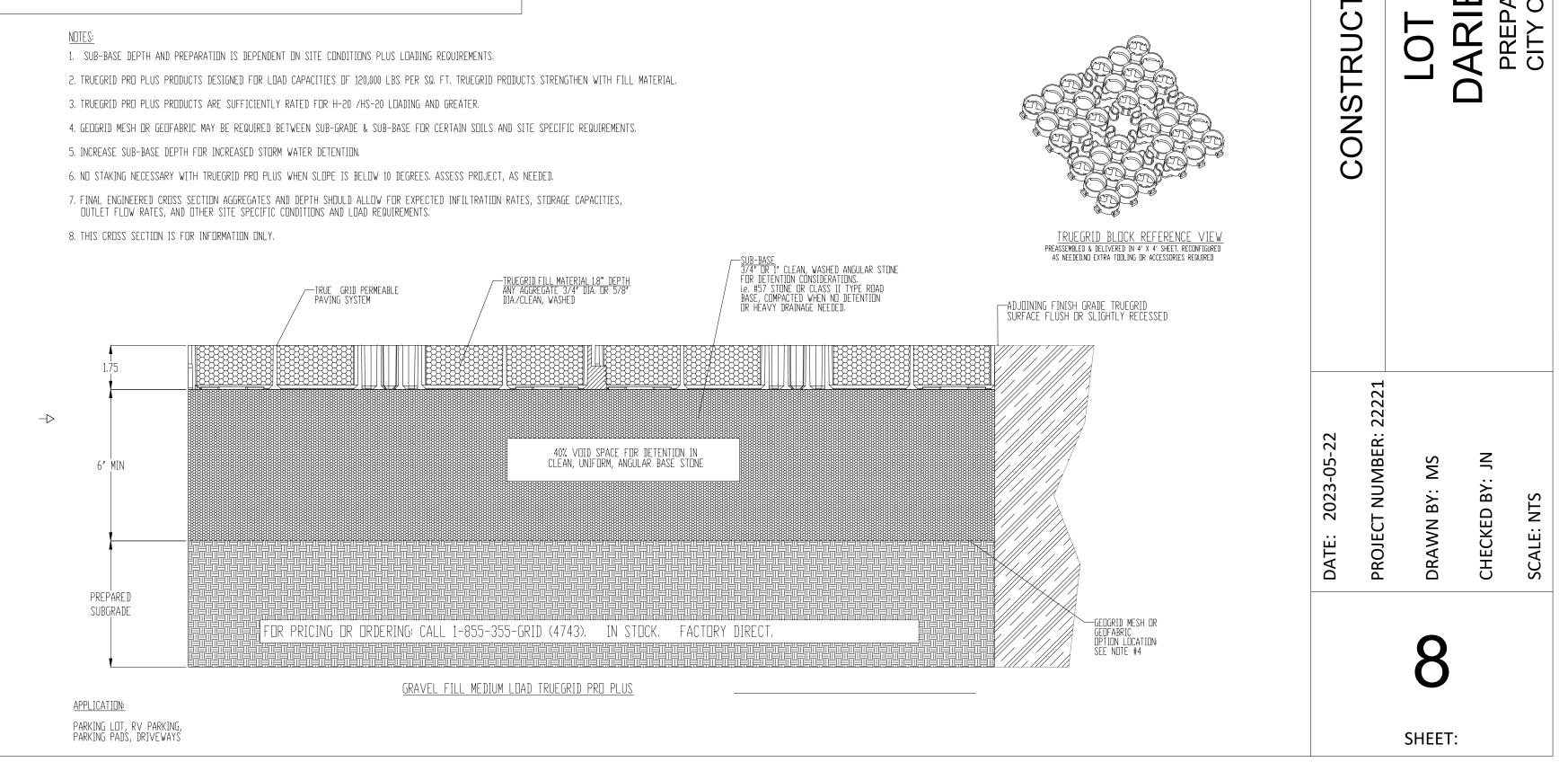
ASPHALT PAVING



### CRUSHED SHELL PAVING SECTION





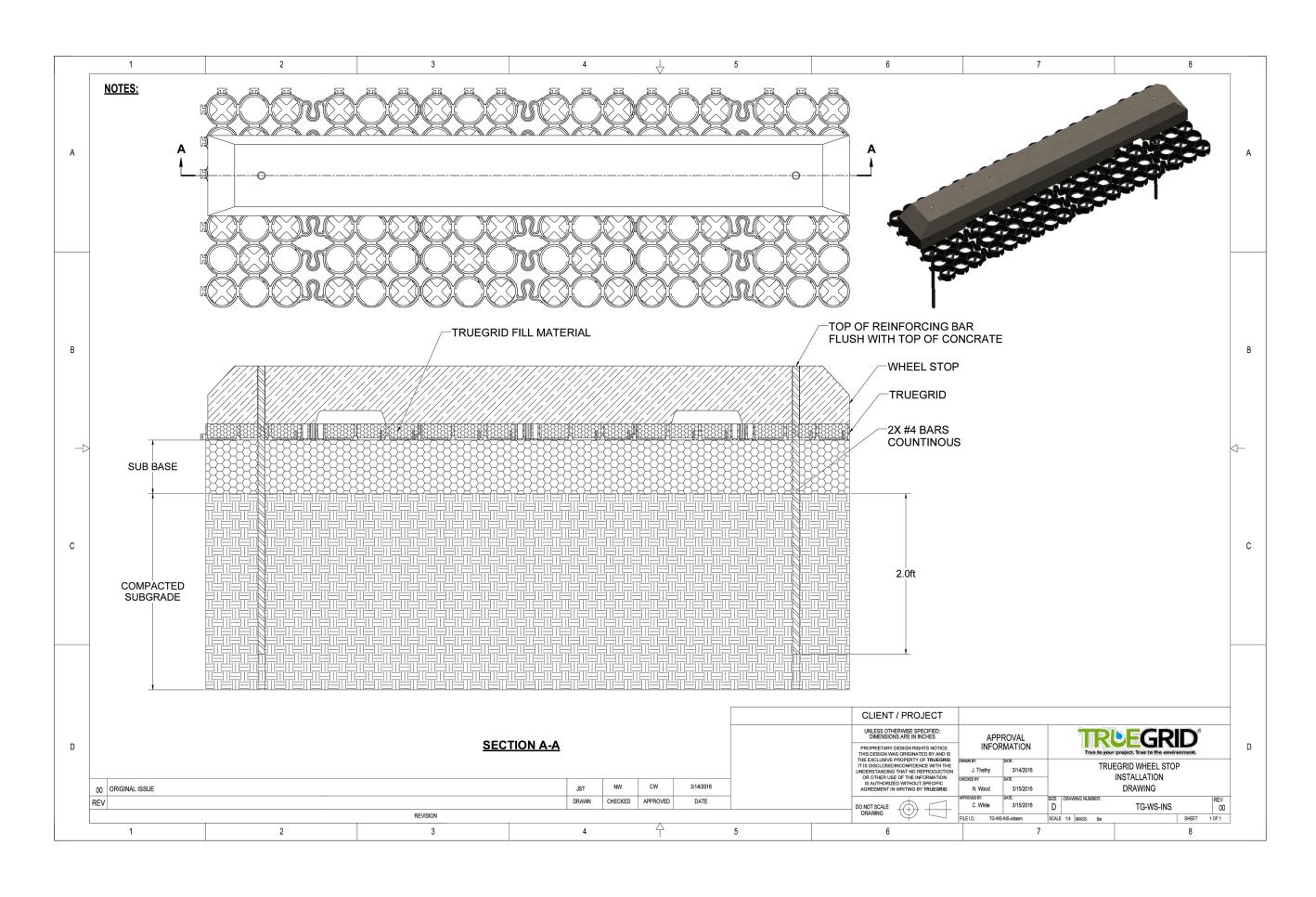


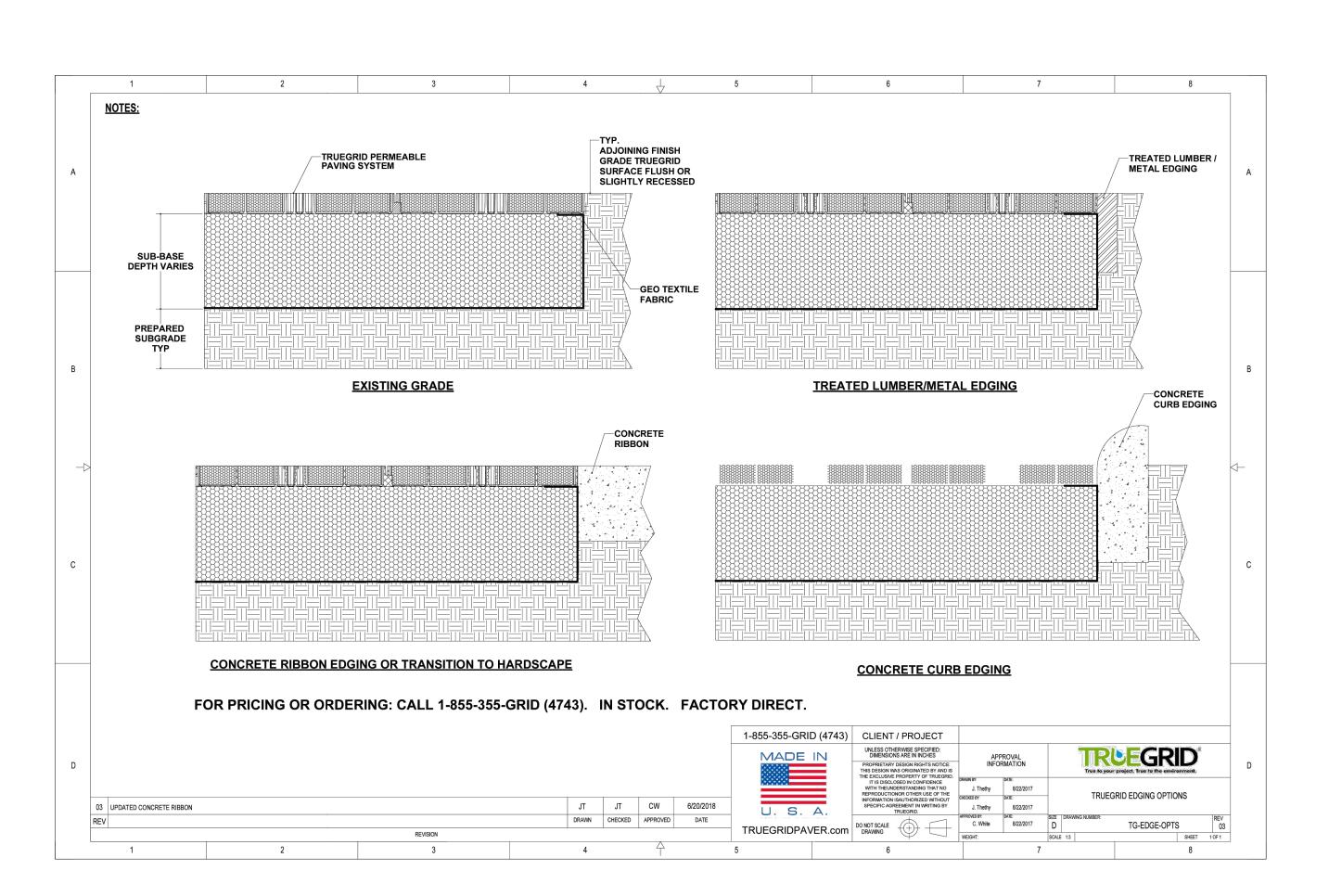
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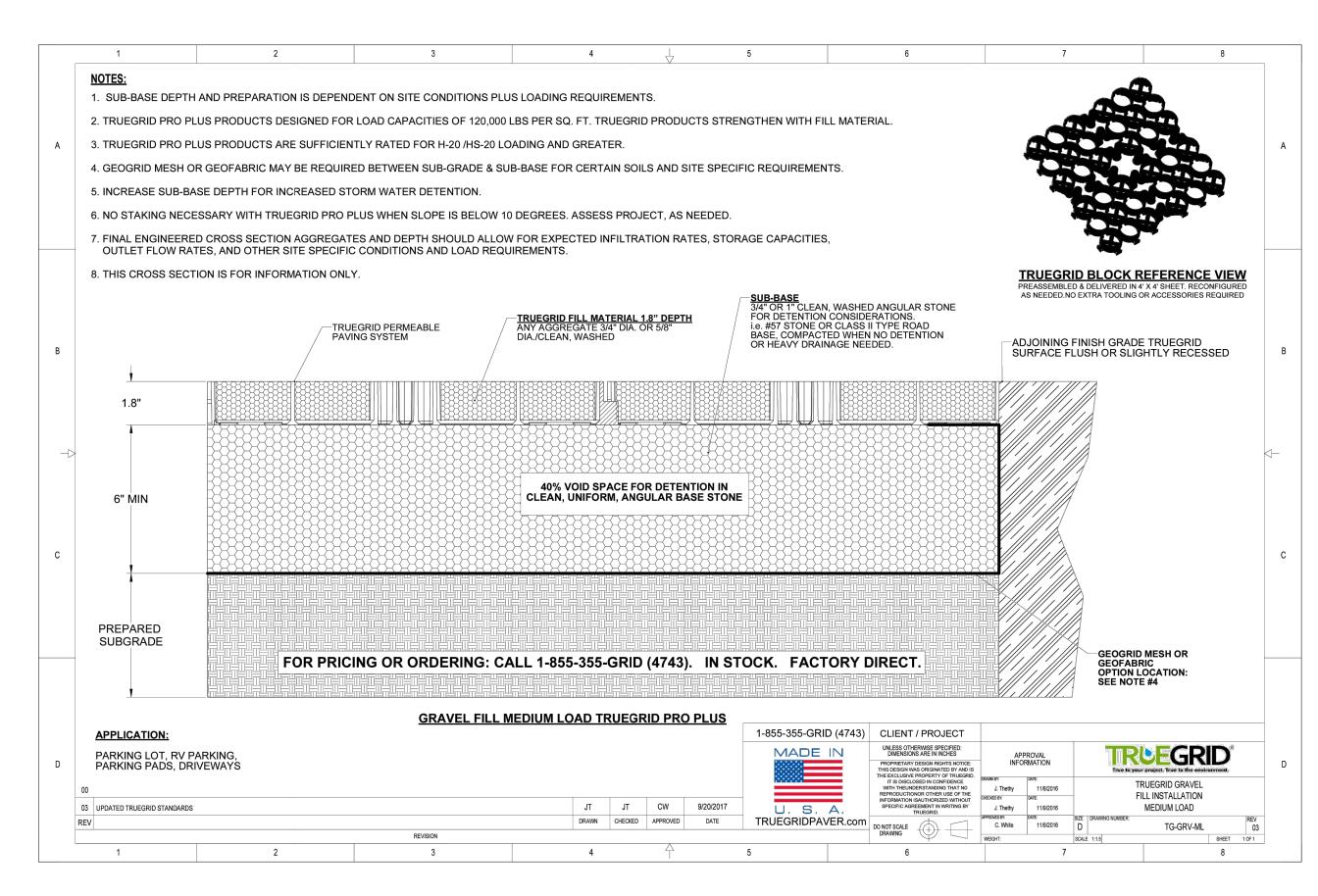
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CONSTRUCTION

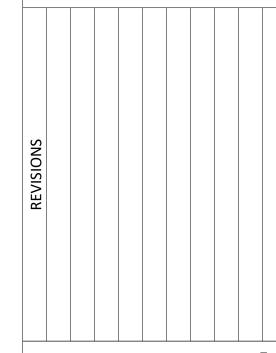
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NOT RELEASED FOR CONSTRUCTION



CONSTRUCTION DETAIL

SHEET: