

NOTES:

1. THIS PLAN IS PROVIDED TO SHOW OFFSITE PARKING AREA TO SUPPORT PROPOSED USE. SEE FULL PLAN SET FOR DETAILED INFORMATION.

GRAPHIC SCALE

1 INCH = 40 FEET

J T. SCIULLO, P.E., P.P. NGINEER, NEW JERSEY LICENSE NO. 24GE04586

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SCIU ENGINEE SERVICES

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BOARDWALK (
1005 MAIN STREET
ASRURY PARK, NEW JERST

1519

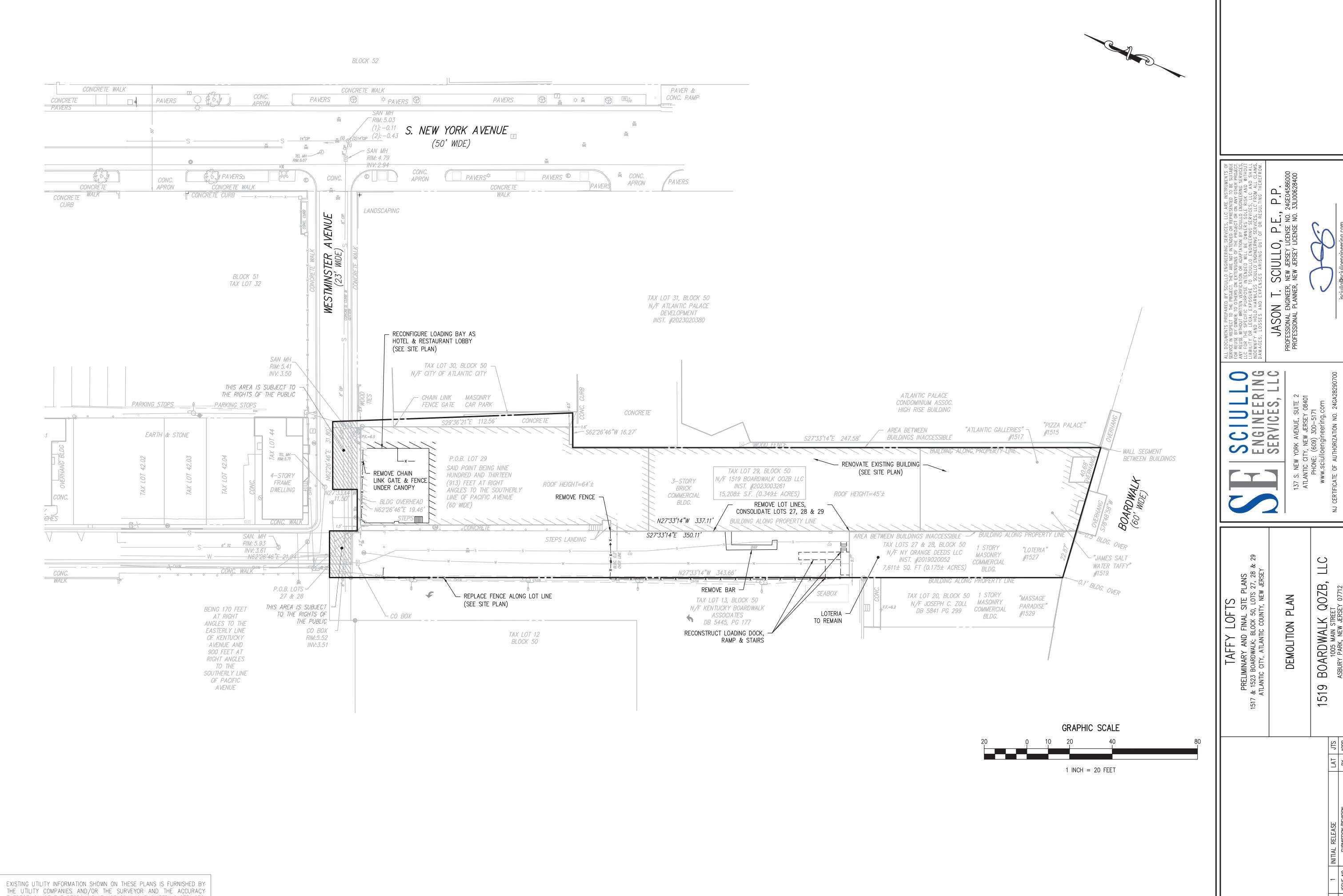
FAS 006.01

EXISTING UTILITY INFORMATION SHOWN ON THESE PLANS IS FURNISHED BY THE UTILITY COMPANIES AND/OR THE SURVEYOR AND THE ACCURACY THEREOF IS NOT THE RESPONSIBILITY OF SCIULLO ENGINEERING SERVICES, LLC. IT IS THE RESPONSIBILITY OF THE OWNERS AND/OR CONTRACTOR TO CALL 1-800-272-1000 FOR FIELD LOCATION OF UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.

2. THESE PLANS ARE NOT FOR CONSTRUCTION UNTIL "ISSUED FOR CONSTRUCTION" APPEARS IN THE TITLEBLOCK.

Know what's **below.** Call before you dig.

KENTUCKY AVENUE

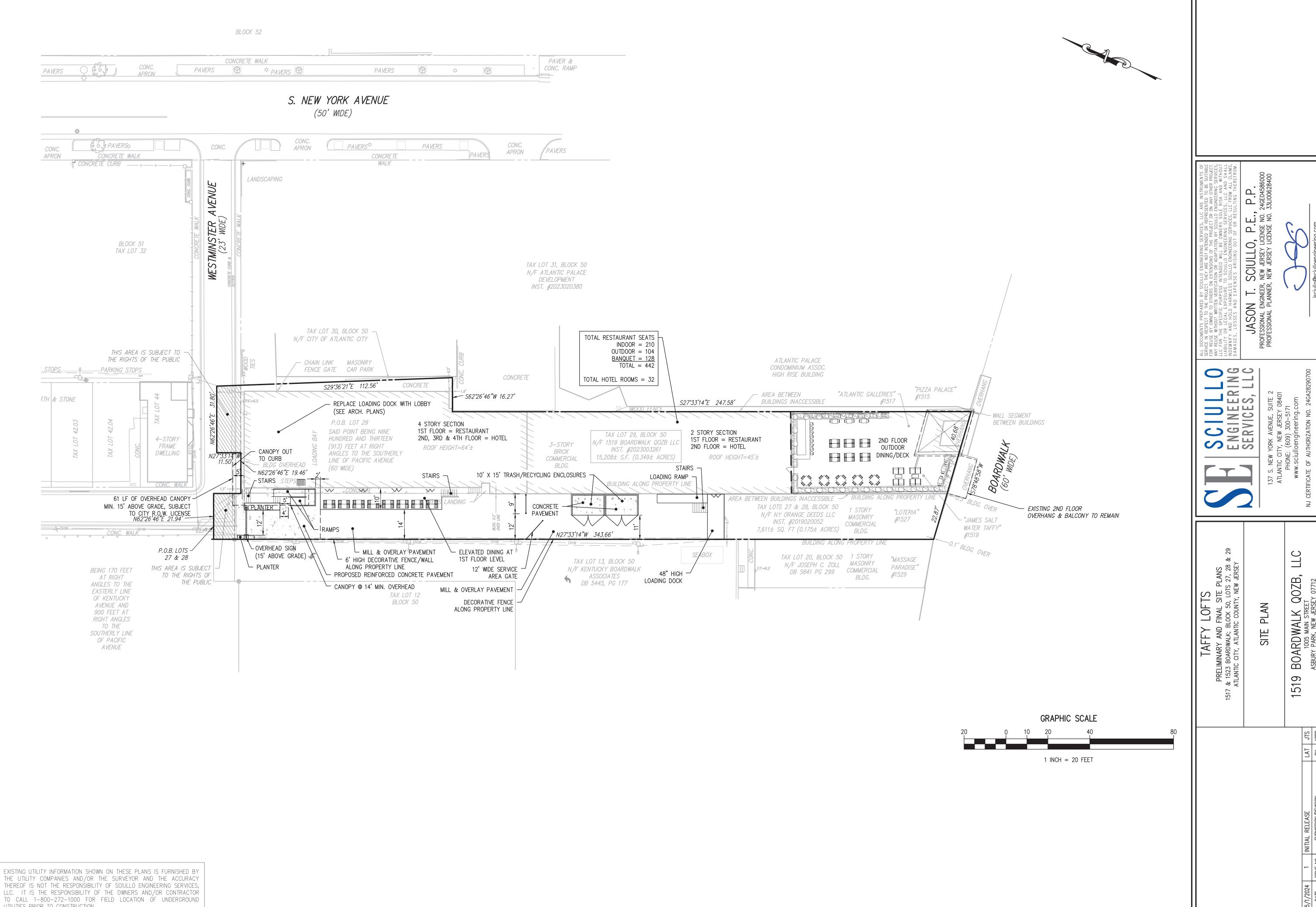


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FAS 006.01 D0101 1" = 20' | SHEET | 7 OF 11



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FAS 006.01 1" = 20' 8 OF 11

FEMA FLOOD INSURANCE RATE MAP (PANEL 34001C0456G)

SCALE: 1" = 500'

FLOOD NOTES

1. THE ENTIRE PROJECT SITE IS LOCATED IN THE TIDAL FLOOD HAZARD AREA (FLOOD ZONE AE, ELEVATION 10 NAVD 88) ACCORDING TO FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP NUMBER 34001C0456G, WITH A PRELIMINARY DATE OF JAN 30, 2015.

ZONE AE(BFE 10)

- 2. IN ACCORDANCE WITH N.J.A.C. 7:13-3.4(D) (FLOOD HAZARD AREA AND FLOODWAY BASED ON A FEMA FLOOD INSURANCE STUDY, FEMA TIDAL METHOD), THE FLOOD HAZARD AREA DESIGN FLOOD ELEVATION AT THE PROJECT SITE IS 10 FEET (N.A.V.D. 1988). TO CONVERT TO NGVD 29, ADD 1.3 FEET.
- 3. NO REGULATED WATERS, FLOODWAY, OR RIPARIAN ZONE, AS DEFINED AT N.J.A.C. 7:13, EXIST AT OR IN THE IMMEDIATE VICINITY OF THE PROJECT SITE.
- 4. THE STATE OF NEW JERSEY HAS DETERMINED THAT ALL OR A PORTION OF THIS LOT LIES IN A FLOOD HAZARD AREA AND/OR RIPARIAN ZONE. CERTAIN ACTIVITIES IN FLOOD HAZARD AREAS AND RIPARIAN ZONES ARE REGULATED BY THE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SOME ACTIVITIES MAY BE PROHIBITED ON THIS SITE OR MAY FIRST REQUIRE A FLOOD HAZARD AREA PERMIT. CONSULT WWW.NJ.GOV/DEP/LANDUSE OR CONTACT THE DIVISION OF LAND USE REGULATION AT (609) 777-0454 FOR MORE INFORMATION PRIOR TO ANY CONSTRUCTION ONSITE.
- 5. SINCE THE PROJECT WILL DISTURB LESS THAN 1 ACRE OF GROUND & INCREASES IMPERVIOUS SURFACE BY LESS THAN 0.25 ACRES AND DECREASES MOTOR VEHICLE SERVICE, IT IS NOT A MAJOR DEVELOPMENT PURSUANT TO THE NJ STORMWATER RULES AT NJAC 7:8..

GRAPHIC SCALE

1 INCH = 20 FEET

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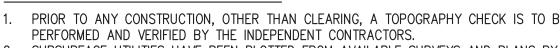
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FAS 006.01 C0201 1" = 20' 9 OF 11

GRADING & UTILITY NOTES:

- 1. PRIOR TO ANY CONSTRUCTION, OTHER THAN CLEARING, A TOPOGRAPHY CHECK IS TO BE
- SUBSURFACE UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND PLANS BY
- BE VERIFIED BY THE VARIOUS CONTRACTORS IN THE FIELD. THE CONTRACTOR SHALL BE COMPLETELY RESPONSIBLE FOR ENSURING THAT ALL MATERIALS, METHODS AND DETAILS FOR CONSTRUCTION OF IMPROVEMENTS SHALL CONFORM TO ALL APPLICABLE STATUTES, REGULATIONS, ORDINANCES AND STANDARDS OF
- A. CONFORMITY WITH THE APPROVED PLANS AS WELL AS STANDARDS AND
- B. CORRECTION OF ALL DEFECTS IN THE WORK, NO MATTER WHAT THE CAUSE, UNTIL THE DATE OF ACCEPTANCE AND THEREAFTER FOR THE PERIOD OF ANY GUARANTEE
- C. SOLUTION OF ANY PROBLEM, UNFORESEEN AT THE TIME OF THE APPROVAL OF THE PLANS, WHICH MAY OR DO IMPAIR THE INTEGRITY OF ANY IMPROVEMENTS, INCLUDING PROBLEMS SUCH AS HIGH GROUNDWATER, UNSUITABLE SOILS, UNSTABLE SOIL, ETC.
- PAY ALL CHANGES AND FEES AND GIVE NOTICES NECESSARY FOR AND INCIDENTAL TO THE DUE AND LAWFUL PROSECUTION OF THE PROJECT.
- 8. THE CONTRACTOR SHALL MAINTAIN A MINIMUM PAVEMENT SLOPE OF 0.75% TO PREVENT PUDDLING.
- TOP SOILING, FERTILIZING AND SEEDING ALL AREAS DISTURBED BY HIS ACTIVITIES.
- 10. EFFORTS SHALL BE MADE BY THE CONTRACTOR TO RETAIN EXISTING TREES, VEGETATION
- DETAILS HEREIN AND THE "STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN

- NEW JERSEY". 12. NO MATERIAL SHALL BE PLACED OR ANY DISTURBANCE PERMITTED BEYOND THE PROJECT
- 13. CONTRACTOR TO MAINTAIN NORMAL SERVICE IN EXISTING UTILITIES WHEN CONSTRUCTING CONNECTIONS. UTILITY SERVICE CONNECTION POINTS SHALL BE CONFIRMED
- 16. ALL EXCAVATED OR FILLED AREAS SHALL BE FREE OF SOFT, YIELDING OR UNSUITABLE MATERIALS .UNSUITABLE MATERIALS SHALL BE REMOVED AND REPLACED WITH APPROVED MATERIAL AND COMPACTED TO 95% OF MODIFIED PROCTOR MAXIMUM DENSITY AS PER A.S.T.M., D-1557.
- 18. CONTRACTOR TO CONTACT THE GARDEN STATE UNDERGROUND LOCATION AT
- LOCATION OF THE UTILITIES WITHIN THE PUBLIC RIGHT OF WAY.
- 20. ALL SERVICES INTO PROJECT SITE SHALL BE UNDERGROUND. ELECTRIC, TELEPHONE, &



OTHERS, THEREFORE, THE LOCATION OF ALL EXISTING SUBSURFACE UTILITIES MAY NOT BE SHOWN AND THE EXISTENCE, EXACT LOCATION AND ELEVATIONS OF SAID FACILITIES SHALL

THE GOVERNMENTAL BODIES HAVING JURISDICTION OVER SUCH WORK. THIS RESPONSIBILITY SHALL INCLUDE, BUT NOT LIMITED TO THE FOLLOWING:

SPECIFICATIONS OF THE MUNICIPALITY.

WHICH RUNS BEYOND THE DATE OF ACCEPTANCE. 6. THE CONTRACTOR SHALL PROCURE ALL REQUIRED PERMITS, LICENSES, AND INSPECTIONS,

7. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND GRADES INDICATED ON DESIGN PLANS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER OF ANY DISCREPANCIES TO CORRECT THE DESIGN PLANS PRIOR TO CONSTRUCTION.

9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEARING, GRUBBING, RESTORING, PAVING,

AND NATURAL CHARACTERISTICS OF THE SITE. 11. ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN ACCORDANCE WITH

PROPERTY LINE OF RIGHT-OF-WAY WITHOUT THE WRITTEN PERMISSION OF THE PROPERTY OWNER DIRECTLY INVOLVED.

INDEPENDENTLY BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF CONSTRUCTION. 14. CONTRACTOR SHALL BE RESPONSIBLE TO PROTECT AND SUPPORT, IF NECESSARY, ALL EXISTING UTILITIES WHICH MUST BE CROSSED. CROSSINGS WITH EXISTING UNDERGROUND INSTALLATIONS SHALL BE VERIFIED BY TEST PIT PRIOR TO COMMENCEMENT OF CONSTRUCTION. DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED IMMEDIATELY TO THE SATISFACTION OF THE UTILITY OWNER.

15. SUBBASE MATERIAL FOR SIDEWALK, CURB OR ASPHALT SHALL BE FREE OF SOFT, YIELDING OR UNSUITABLE MATERIALS. UNSUITABLE MATERIALS SHALL BE REMOVED AND REPLACED WITH APPROVED MATERIAL AND COMPACTED TO 95% OPTIMUM DENSITY AS PER MODIFIED PROCTOR METHOD.

17. CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER OF UNSUITABLE SOILS OR DISCREPANCIES ENCOUNTERED IN DESIGNATED DRAINAGE AREAS PRIOR TO FINAL SITE

1-800-272-1000 PRIOR TO ANY DIGGING. 19. THE APPLICANT/DEVELOPER SHALL BE RESPONSIBLE FOR AND BEAR THE EXPENSE OF THE

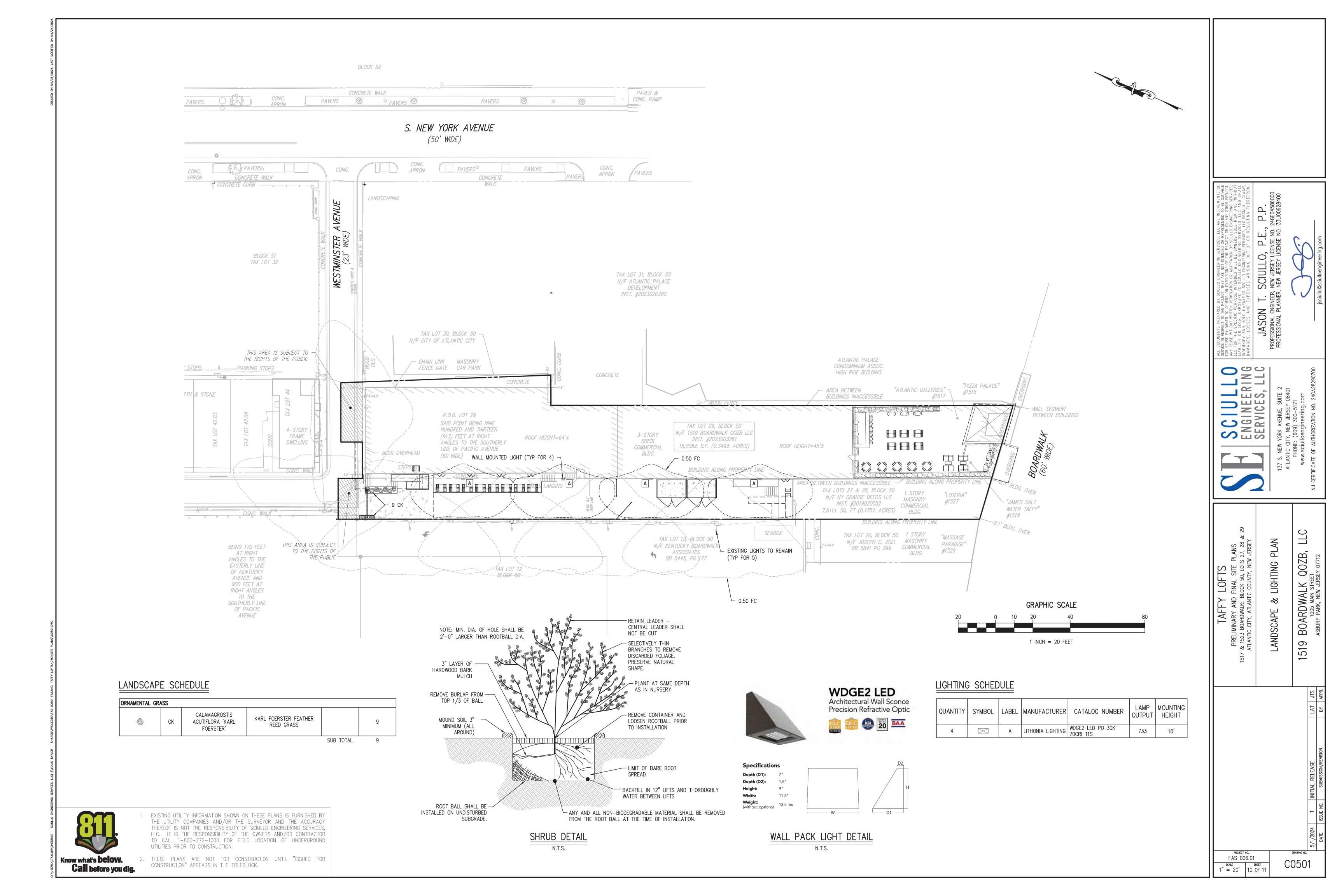
CABLE MAY BE LOCATED IN SAME TRENCH. CONTRACTOR SHALL COORDINATE ALL UTILITY RELOCATION & INSTALL W/UTILITY COMPANIES.

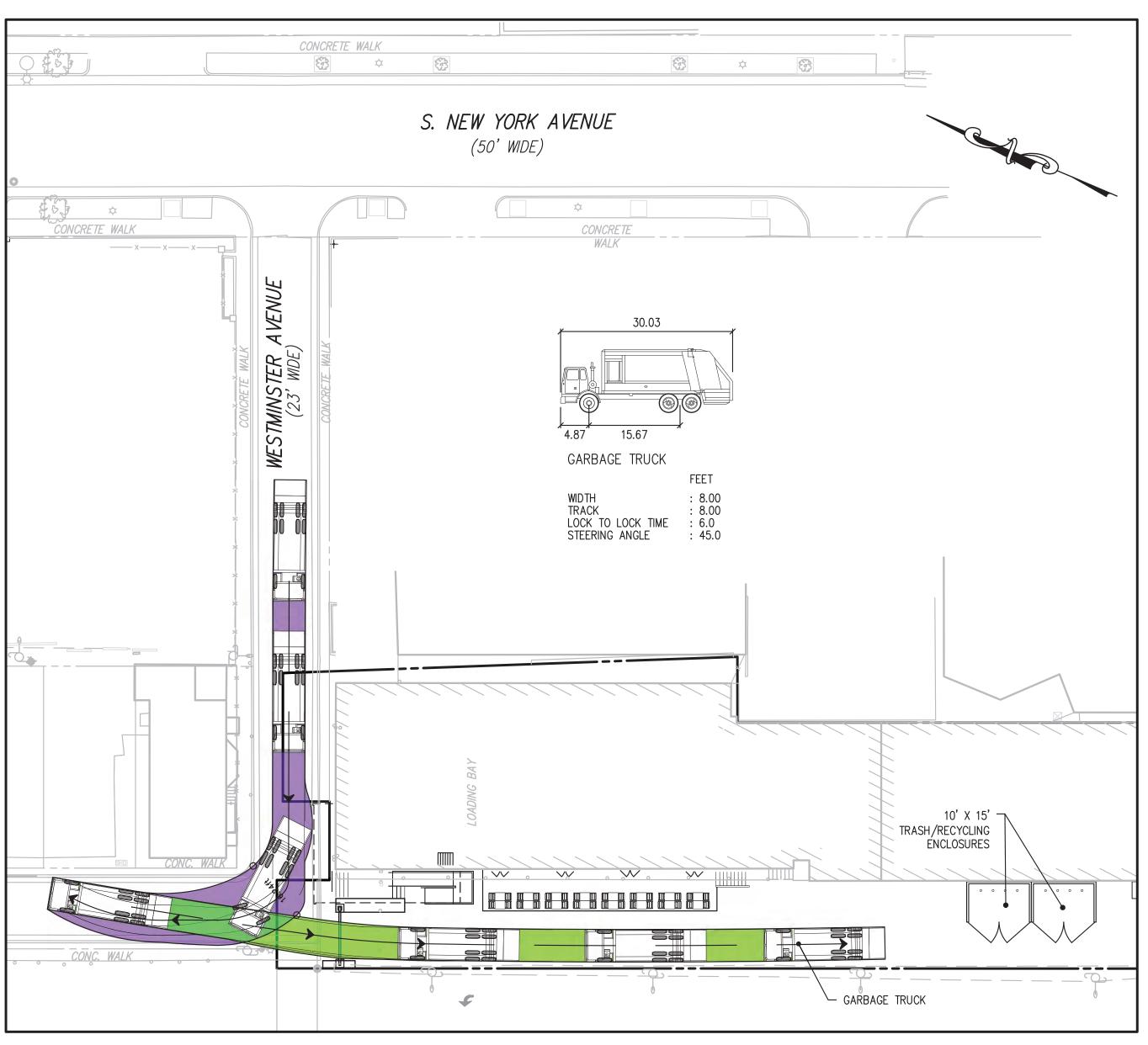


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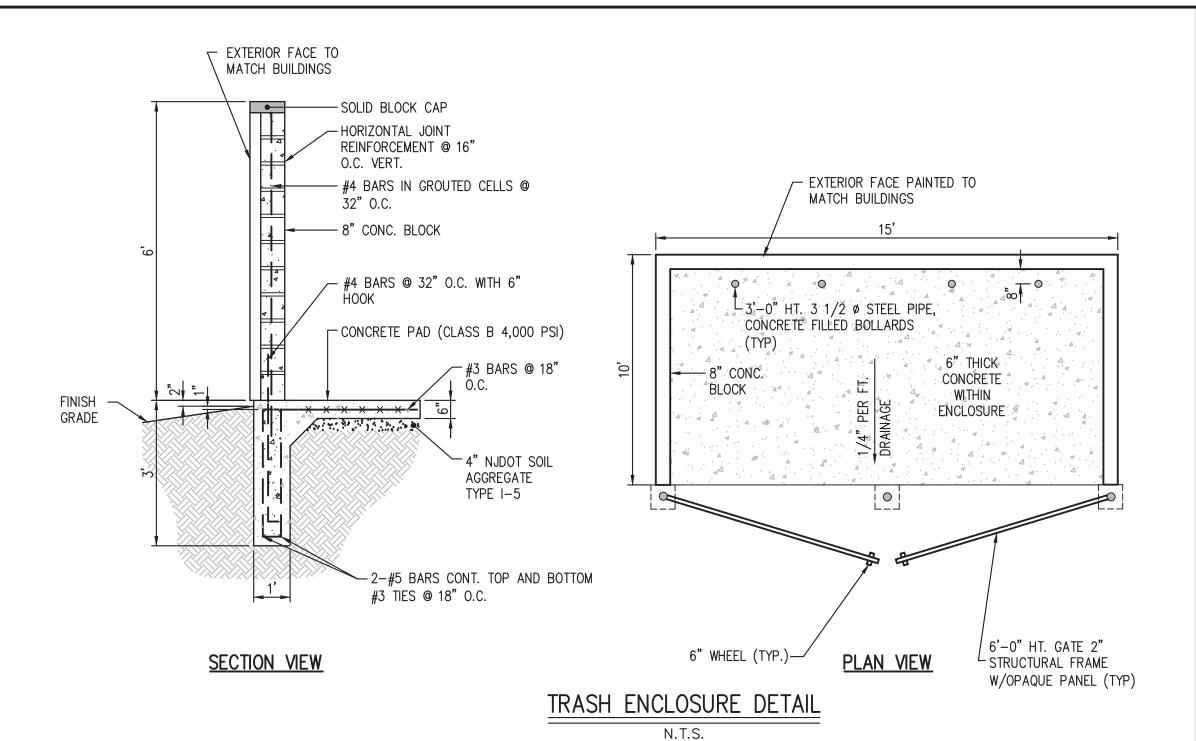
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TRUCK TURNING TEMPLATE SCALE: 1" = 20'

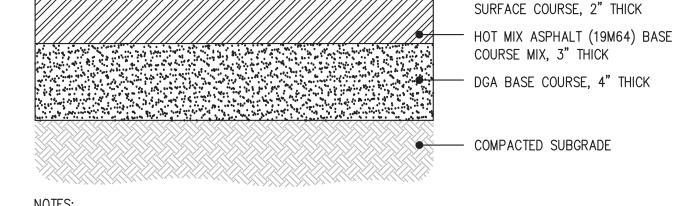


WIDTH VARIES - SEE PLAN - 6" - 4,000 P.S.I. CONCRETE AT 28 DAYS REINFORCED WITH WIRE MESH SUBGRADE COMPACTED TO -- 6" x 6" W1.4 x W1.4 95% MAXIMUM PROCTOR DENSITY WELDED WIRE FABRIC

1. EXPANSION JOINTS SHALL BE 1/2" WIDE AND PROVIDED AT INTERVALS NO GREATER THAN 20 FEET AND SHALL BE FILLED WITH 1/2" THICK CELLULAR

COMPRESSION MATERIAL TO WITHIN 1/4" OF SURFACE. 2. CONTROL JOINTS SHALL BE CUT AT LEAST 1/4" DEEP ST MAXIMUM 10' O.C. & PARALLEL TO EXPANSION JOINTS.

SURFACE EDGES SHALL BE ROUNDED TO 1/2" RADIUS. FINISH SHALL BE WOOD FLAT, FOLLOWED BY BROOMING TO A NEAT, WORKMANLIKE



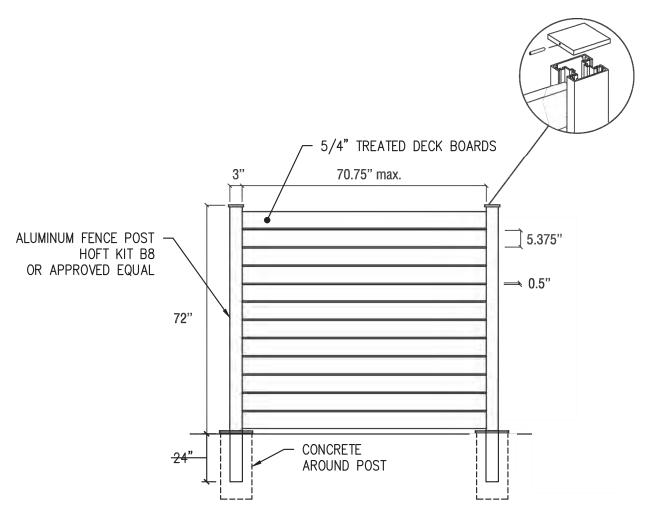
HOT MIX ASPHALT (9.5M64)

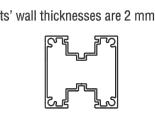
NOTES:

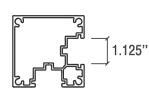
- 1. THE DENSE GRADED AGGREGATE BASE COURSE SHALL CONFORM TO SECTION 901.10 OF THE NJDOT'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (2019).
- 2. ALL SUBGRADES SHALL BE CONSIDERED "POOR", UNLESS THE APPLICANT PROVES OTHERWISE THROUGH CBR TESTING OR FIELD EVALUATION OF SOIL CLASSIFICATION. TEST RESULTS SHALL BE REVIEWED BY THE MUNICIPAL ENGINEER.
- 3. SUBGRADE COMPACTION SHALL BE APPROVED BY THE MUNICIPAL ENGINEER
- 4. RSIS PAVEMENT SECTION FOR RURAL LANES, RURAL STREETS, CUL-DE-SACS, AND ALLEYS.

PAVING DETAIL

REINFORCED CONCRETE PAVEMENT DETAIL







*All posts' wall thicknesses are 2 mm or more.



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FENCE DETAIL

SCIULLO, P.E., R, NEW JERSEY LICENSE NO. 3. JASON
PROFESSIONAL ENG 5 N T SE, SCIU ENGINEE SERVICES

> QOZB, BOARDWALK
> 1005 MAIN STREE 519

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