DDODEDTY OWNEDS WITHIN 2001.

PRO	PERIY	OW	NERS WITHIN 200':
	TOWNS	HIP OF I	NORTH BRUNSWICK
BLOCK 203	<u>LOT</u> 35	OWNER	R'S NAME & ADDRESS Lapchuk, Gregory & Argyra 641 Chrome Street North Brunswick, NJ 08902
203	33		Kiss, Geza & Denise 633 Chrome Street North Brunswick, NJ 08902
203	40		Milltown Road Associates LLC 525 Milltown Road North Brunswick, NJ 08902
203	37		Brunswick Estates LLC 100 Menlo Park Dr Ste 302 Edison NJ, 08837
194	23		Saturria, Alejandro & Lillian 634 Chrome Street North Brunswick, NJ 08902
203	38		Milltown Road Associates LLC 525 Milltown Road North Brunswick, NJ 08902
203	41.11		Roncancio, Oscar E., & Huertas Li 12 Erik Drive North Brunswick, NJ 08902
203	39		Milltown Road Associates LLC 525 Milltown Road North Brunswick, NJ 08902

629 Chrome Street North Brunswick, NJ 08902

525 Milltown Road

Bou-Mansour George

628 Chrome Street

637 Chrome Street North Brunswick, NJ 08902

Trenton, NJ 08625

Millpond Reality LLC

505 Milltowb Road

Brunswick Estates LLC 100 Menlo Park Drive SIT 302

Levin Properties LP

Plainfield, NJ 07061

Millpond Realty LLC

505 Milltown Road North Brunswick, NJ 08902

710 Hermann Road North Brunswick, NJ 08902

Cal's Auto Service INC

Pennington, NJ 08534

10 Baldwin Street

North Brunswick Township

North Brunswick, NJ 08902

Milltown Road Associates LLC

North Brunswick, NJ 08902

North Brunswick, NJ 08902

NJ Economic Development Authority ATTN: NJDEA RE DIV POB 990

203

245

UTILITY COMPANIES TO BE NOTIFIED:

County Administration Building 710 Herman Road 75 Bayard Street Attn: Township Clerk New Brunswick, NJ 08901

Public Service Electric and Gas Co. N.J Gen. Tax Administration Manager - Corp Properties Broad Street-Room 305 80 Park Place, T6B Newark, NJ 07101 Newark NJ 07102 Cablevision of Raritan Valley

275 Centennial Avenue Trenton, NJ 08625 Piscataway, NJ 08855-6805 Attn: Margurite Prenderville Sunoco Pipeline L.P. Construction Department Mr. Tim Allen Texas Eastern Transmisson Corp. Sinking Spring, PA 19608

501 Coolidge Street South Plainfield, NJ 07080

TOWNSHIP OF NORTH BRUNSWICK North Brunsiwck Township North Brunswick, NJ 08902

> Department of Transportation State of New Jersey

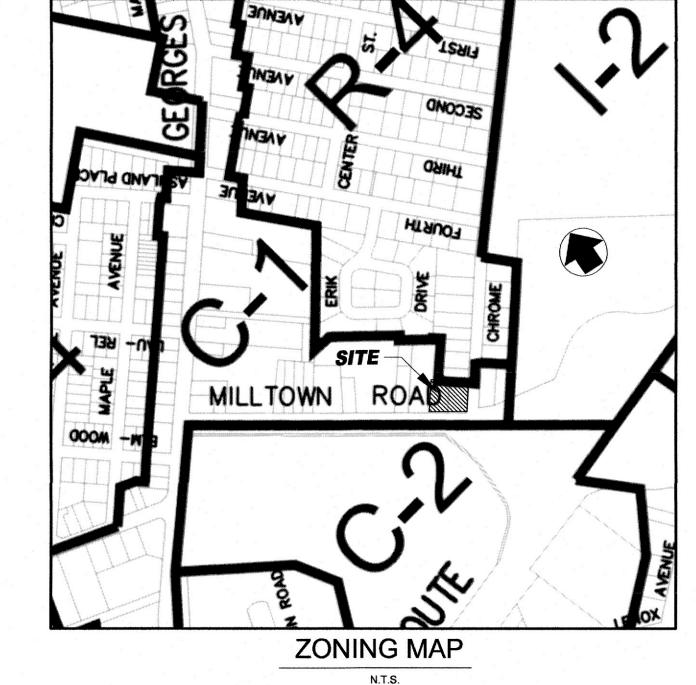
MIDDLESEX COUNTY, NEW JERSEY

TAX MAP - KEY MAP

PRELIMINARY & FINAL MAJOR SITE PLAN

TAX MAP LOTS 36 & 37 BLOCK 203

NORTH BRUNSWICK TOWNSHIP



SIGNAGE REQUIREMENTS:

ONE FREESTANDING SIGN PERMITTED ONE FREESTANDING PYLON SIGN PROPOSED. **DUNKIN DONUT PYLON SIGN:** PERMITTED AREA = 40SFPROPOSED AREA = 37.45SF (VARIANCE REQUIRED) (3) REQUIRED SETBACK FROM PROPERTY LINE = 20' PROPOSED SETBACK = 13.0' (VARIANCE REQUIRED) (4) PERMITTED HEIGHT = 20'

PROPOSED HEIGHT = 20' MAX.

BUILDING SIGNS PERMITTED

PERMITTED AREA = 10% OF FACADE PROPOSED AREA DD SIGN = 5.28% (42.75 SF/810 SF)(MILLTOWN RD FRONTAGE) PROPOSED AREA RETAIL SIGN = 2.96% (10.67 SF/360 SF)(MILLTOWN RD FRONTAGE) PROPOSED AREA DD & RETAIL SIGN = 2.58% (18.67 SF/724.5 SF)(CHROME ST FRONTAGE)

BUFFER REQUIREMENTS:

1) ADDITIONAL 30' BUFFER STRIP TO REAR OR SIDE YARD REQUIRED WHERE SIDE OR REAR YARD ABUTS A RESIDENTIAL ZONE/USE. PROPOSED = 32.5' BUFFER

APPROVED BY THE PLANNING BOARD OF NORTH BRUNSWICK

CHAIRMAN DATE **ENGINEER**

APPROVED BY THE MIDDLESEX COUNTY PLANNING BOARD

PLANNING DIRECTOR DATE SECRETARY

ZONING DATA - C-1 (NEIGHBORHOOD COMMERCIAL DISTRICT) EXISTING USE = Lot 36 = PERSONAL SERVICE USE (1 PRIMARY BUILDING / 1 ACCESSORY BUILDING) Lot 37 = RESIDENTIAL USE W/ACCESSORY GARAGE PROPOSED USE = DUNKIN' WITH DRIVE THRU and RETAIL TENANT

NOTE: (FUTURE LOT 36.01 REPERESENTS THE FUTURE CONSOLIDATION OF LOTS 36 & 37)

SITE DATA	REQUIRED	EXISTING LOT 36	EXISTING LOT 37	PROPOSED (FUTURE LOT 36.01)	
MINIMUM LOT AREA (INTERIOR/CORNER)	15,000 S.F. / 20,000 S.F.	NA / 9,963 SF. V	10,697 SF. / NA V	NA / 20,305 SF.	
MINIMUM LOT WIDTH (INTERIOR/CORNER)	100 FT. / 125 FT.	NA / 127.4 FT.	80.1 FT. / NA V	NA / 158.3 FT.	
MINIMUM LOT DEPTH	100 FT.	78.1 FT. V	133.2 FT.	130.5 FT.	
MINIMUM FRONT YARD SETBACK (MILLTOWN RD.)	35 FT. *	36.0 FT.	31.3 FT. V	50.4 FT.	
MINIMUM FRONT YARD SETBACK (CHROME ST.)	35 FT. \star	3.6 FT. V	NA	57.3 FT.	
MINIMUM SIDE YARD SETBACK (one/both)	10 FT. / 20 FT.	30.9 FT. / 84.3 FT.	13.2 FT. / 51.6 FT.	32.5 FT. / 65.5 FT.	
MINIMUM REAR YARD SETBACK	20 FT.	NA	62.85	NA	
MAXIMUM BUILDING HEIGHT	30 FT. or 2 1/2 STORIES	2 STORIES	2 STORIES	21.83 FT. / 1 STORY	
MAXIMUM LOT COVER (BY PRINCIPAL BUILDING)	40%	21.1% 2,107 S.F.	12.6% 1,350 S.F.	15.1% 3,112 S.F.	
MAXIMUM IMPERVIOUS COVER	80%	76.5% 7,619 S.F.	58.0% 6,204 S.F.	82.92% ① 16,836 S.F.	

ACCESSORY MINIMUM SIDE YARD SETBACK 5 FT. 3.8 FT. V 1.8 FT. **V** NA MINIMUM REAR YARD SETBACK 20 FT. 12.1 FT. V = EXISTING CONDITION VARIANCE

* AS SPECIFIED IN SECT.205-66A

VARIANCE / WAIVER LISTING

- (1) VARIANCE REQUESTED FOR MAXIMUM IMPERVIOUS COVERAGE WHERE 80% IS REQUIRED AND 82.92% IS PROPOSED. [205 ATTACHMENT 6]
- (2) VARIANCE REQUESTED FOR RESTAURANT PARKING WHERE 17 SPACES ARE REQUIRED AND 14 SPACES ARE PROPOSED. [205-100 B.(7)]
- ③ VARIANCE REQUESTED FOR MAXIMUM FREESTANDING SIGN AREA WHERE 40 SF IS REQUIRED AND 50.54 SF IS PROPOSED. [205-105 H] 4 VARIANCE REQUESTED FOR MINIMUM FREESTANDING SIGN SETBACK FROM PROPERTY LINE WHERE 20 FT IS REQUIRED AND 10.0 FT IS PROPOSED. [205-102 C]
- (5) VARIANCE REQUESTED FOR PARALLEL CURB PARKING WHERE 23 FT X 8 FT IS REQUIRED AND 22 FT X 9 FT IS PROPOSED. [205-98 A]
- 6 VARIANCE REQUESTED FOR PARKING IN FRONT YARD, WHERE 10' IS REQUIRED AND IN 3.3 FT ON CHROME STREET AND 0.8 FT ON MILLTOWN ROAD IS
- (7) VARIANCE REQUESTED FOR PARKING IN FRONT YARD, WHERE NONE IS PERMITTED AND 10 SPACES ARE PROPOSED IN THE FRONT YARD [205-96E]
- (8) VARIANCE REQUESTED FOR FENCE IN THE SIDE YARD, WHERE OPEN IS PERMITTED AND SOLID IS PROPOSED. [205-93B]

PROPOSED RETAIL (1,012sf **)

REQUIRED = 1 SPACE FOR EACH 200 SF (1,012SF/200SF) = 6 SPACES PROVIDED = 6 SPACES

PROPOSED RESTAURANT (DUNKIN') (2,100sf **) REQUIRED = 1 SPACE FOR EACH 100 SF (2,100SF/100SF) = 21 SPACES AFTER CREDIT = 21 SPACES - 4 EVCS CREDIT = 17 SPACES PROVIDED = 14 SPACES

(variance required for restaurant parking) (2) ** Area Calculated in accordance with Art.III, Section 205-6: Gross Floor Area "The area of all floors of a building...measured from the interior walls of each story of a building. TOTAL PARKING REQUIRED = 27 SPACES (9X18) - 4 EVCS CREDIT = 23 SPACES REQUIRED TOTAL PARKING PROVIDED = 20 SPACES (18 SPACES-9x18)(2 SPACES-9X22)

ELECTRIC VEHICLE CHARGING STATION REQUIREMENTS (PL 2021-CH.171) IN ACCORDANCE WITH STATE STATUTE 171:

3.B.(1) (A) - PARKING LOT WITH 50 OR FEWER OFF-STREET PARKING SPACES REQUIRED = AT LEAST ONE MAKE-READY PARKING SPACE IS REQUIRED

3.C.: - A RETAILER PROVIDING 25 OR FEWER OFF-STREET PARKING SPACES SHALL NOT BE REQUIRED TO PROVIDE OR INSTALL ANY EVSE OR MAKE-READY SPACE.

IN ACCORDANCE WITH NORTH BRUNSWICK CH.205-32 B (5): RESTAURANTS IN EXCESS OF 2,000 SQUARE FEET

REQUIRED = EITHER LEVEL 2 EVCE WITH A MINIMUM OUTPUT RATE OF 7.2 KW/HR OR DC FAST CHARGING STATIONS IN THE COMMON PARKING AREA IN AN AMOUNT EQUAL 3,013 S.F. / 0.069 AC INCREASE TO 3% OF THE REQUIRED NUMBER OF PARKING SPACES, SUBJECT TO A MINIMUM OF

= 14 SPACES X 3% = 0.42 SPACES = 2 EVCS MINIMUM REQUIRED TO BE INSTALLED

PROVIDED = 2 EVCS INSTALLED (CREDIT = 4 REQUIRED PARKING SPACES)

1) ALL REQUIRED ELECTRIC VEHICLE CHARGING SPACES SHALL HAVE APPROPRIATE IDENTIFICATION SIGNAGE AND/OR PAVEMENT 2) 'MAKE READY' SPACES SHALL BE PRE-WIRED FOR FAST, AND EASY FUTURE INSTALLATION OF LEVEL 2 OR DC FAST CHARGING EQUIPMENT IN ACCORDANCE WITH P.L. 2021 C. 171 (7/9/2021) 3) APPLICANT SHALL FULLY INSTALL MAKE READY CHARGING SPACES IN ACCORDANCE WITH THE TIMING SCHEDULE UNDER P.L. 4) SPACES SHOWN ON THE PLAN MAY BE RELOCATED WITHIN THE PARKING AREA UPON REVIEW AND APPROVAL OF, AND AT THE DISCRETION OF THE BOROUGH ENGINEER.

ACCESSIBLE PARKING REQUIREMENTS In accordance with Section 4.1.2 of the A.D.A.A.G. the required number of accessible parking spaces is as follows: Total Number of Spaces Provided = 20 Spaces

1 Accessible Spaces Provided 1 Van Accessible Space is Required

1 Accessible Spaces Required

1 Spaces Provided is Van Accessible

GENERAL NOTES:

1. PROPERTY KNOWN AS LOTS 36 & 37 IN BLOCK 203, TAX MAP SHT. 69, TOWNSHIP OF NORTH BRUNSWICK, CONTAINING A TOTAL OF 0.47 ACRES MORE OR LESS.

2. THESE PLANS HAVE BEEN PREPARED FOR THE PURPOSE OF OBTAINING MUNICIPAL AND OTHER AGENCY REVIEW AND APPROVAL. THEY SHALL NOT BE UTILIZED AS A CONSTRUCTION DOCUMENT UNTIL ALL CONDITIONS OF APPROVAL HAVE BEEN SATISFIED ON THE DRAWING AND EACH DRAWING HAS BEEN REVISED TO INDICATE "ISSUED FOR CONSTRUCTION".

BOUNDARY AND TOPOGRAPHIC INFORMATION SHOWN ON THIS PLAN IS FROM A SURVEY ENTITLED "BOUNDARY AND TOPOGRAPHIC SURVEY, TAX MAP LOTS 36 & 37, BLOCK 203, PREPARED BY AMERTECH ENGINEERING INC., DATED APRIL 11, 2020 (JOB #20-016).

4. ALL ELEVATIONS SHOWN HEREON ARE BASED ON NAD83 DATUM.

5. EXISTING UTILITY INFORMATION SHOWN HEREON HAS BEEN COLLECTED FROM VARIOUS SOURCES AND IS NOT GUARANTEED AS TO ACCURACY OR COMPLETENESS. THE CONTRACTOR SHALL VERIFY ALL UTILITY INFORMATION PRIOR TO EXCAVATION. WHERE EXISTING UTILITIES ARE TO BE CROSSED BY PROPOSED CONSTRUCTION, TEST PITS SHALL BE DUG BY THE CONTRACTOR PRIOR TO CONSTRUCTION TO ASCERTAIN EXISTING INVERTS, MATERIAL AND SIZES. TEST PIT INFORMATION SHALL BE GIVEN TO THE ENGINEER PRIOR TO CONSTRUCTION TO PERMIT ADJUSTMENTS AS REQUIRED

6. UTILITY SERVICE CONNECTIONS FOR THE PROPOSED BUILDINGS WILL BE MADE USING EXISTING UTILITY LINES ON SITE. ANY EXISTING UTILITY SERVICE IN NEED OF REPAIR SHALL BE REMOVED AND REPLACED AS NEEDED. SERVICE CONNECTIONS HAVE BEEN SHOWN BASED ON INFORMATION PROVIDED BY THE FIELD VISITS, ARCHITECT, AND/OR MECHANICAL CONSULTANT. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE SIZE, MATERIAL AND LOCATION SHOWN WITH MOST CURRENT AND APPROVED ARCHITECTURAL AND/OR MECHANICAL PLANS. IF A DISCREPANCY IS FOUND, CONTRACTOR SHALL NOTIFY THE UNDERSIGNED ENGINEER.

7. THE CONTRACTOR SHALL NOTIFY THE UNDERSIGNED PROFESSIONAL IMMEDIATELY IF ANY FIELD CONDITIONS ENCOUNTERED DIFFER MATERIALLY FROM THOSE REPRESENTED HEREON, AND/OR IF IN THE OPINION OF THE CONTRACTOR SUCH CONDITIONS SHOULD RENDER THE DESIGNS SHOWN HEREON INAPPROPRIATE OR INEFFECTIVE.

8. ALL MATERIALS, WORKMANSHIP AND CONSTRUCTION FOR SITE IMPROVEMENTS SHOWN HEREON SHALL BE IN ACCORDANCE WITH THE FOLLOWING:

- A. CURRENT PREVAILING MUNICIPAL AND/OR COUNTY SPECIFICATIONS, STANDARDS, AND REQUIREMENTS.
- B. CURRENT PREVAILING UTILITY COMPANY/AUTHORITY SPECIFICATIONS, STANDARDS, AND REQUIREMENTS.
- C. UNIFORM CONSTRUCTION CODE AND BARRIER-FREE DESIGN REGULATIONS AS CURRENTLY AMENDED.
- D. ANY OTHER FEDERAL OR STATE OR MUNICIPAL REGULATIONS AS APPLICABLE

BARRIER-FREE FACILITIES, INCLUDING PARKING SPACES AND RAMPS, SHALL BE PROVIDED AS REQUIRED BY THE AMERICANS WITH DISABILITIES ACT OF 1991, AS CURRENTLY AMENDED OR REVISED.

10. THE PROPOSED BUILDING WILL BE SERVICED BY THE PUBLIC SEWER AND WATER SYSTEMS AVAILABLE WHICH WILL BE OWNED AND OPERATED BY THE TOWNSHIP.

11. DO NOT SCALE DRAWINGS. ADJACENT AND SURROUNDING PHYSICAL CONDITIONS, BUILDINGS, STRUCTURES, ETC. ARE SCHEMATIC ONLY EXCEPT WHERE DIMENSIONS ARE SHOWN THERETO.

12. THE BUILDING FOOTPRINT SHOWN ON THIS PLAN INDICATE FOUNDATION DIMENSIONS ONLY AND DO NOT REPRESENT STRUCTURAL FEATURES, OVERHANGS, ADDITIONS ETC. ABOVE. (SEE

- 13. THE GREASE TRAP IS PROVIDED INSITE THE PROPOSED BUILDING. (SEE ARCHITECTURAL PLANS)
- 14. ALL PROPOSED SIGNAGE AND PAVEMENT MARKINGS SHALL CONFORM TO THE NJDOT "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" AS CURRENTLY AMENDED OR REVISED.

15. ALL EXISTING STRUCTURES WITHIN THE DISTURBED AREA ON THE PROPERTY AND UNDER/ABOVE GROUND UTILITIES LOCATED ON THE TRACT ARE PROPOSED TO BE REMOVED IN THEIR ENTIRETY. ALL ACTIVITIES ARE TO BE PERFORMED IN STRICT CONFORMANCE WITH ALL APPLICABLE TOWNSHIP, COUNTY, AND STATE AND/OR ANY OTHER APPLICABLE GOVERNING BODIES STANDARDS.

16. DESIGN AND INSTALLATION OF ELECTRIC, GAS, TELEPHONE AND CABLE TV TO BE PROVIDED BY RESPECTIVE UTILITIES COMPANIES. ALL PROPOSED UTILITY LINES SHALL BE CONSTRUCTED

17. RECYCLING AND REFUSE DISPOSAL SHALL BE CONTRACTED BY OWNER THROUGH PRIVATE

18. ALL WATER SERVICES AND APPURTENANCES SHALL BE INSTALLED IN ACCORDANCE WITH THE

REQUIREMENTS OF THE TOWNSHIP AND THE WATER PURVEYOR, IF APPLICABLE. 19. REQUIRED CURB SHALL BE CONSTRUCTED PRIOR TO THE CONSTRUCTION OF THE BITUMINOUS BASE COURSES. ANY REQUIRED REPAIRS TO CURBS WHICH ARE NOT SUITABLE FOR ACCEPTANCE

20. ALL SANITARY SEWER PIPING AND APPURTENANCES SHALL BE INSTALLED IN ACCORDANCE WITH

THE REQUIREMENTS OF THE NORTH BRUNSWICK TOWNSHIP SEWER DEPARTMENT.

21. TOPSOIL MOVED DURING THE COURSE OF CONSTRUCTION SHALL BE REDISTRIBUTED WITHIN THE SITE SO AS TO PROVIDE A MINIMUM OF FOUR (4) INCHES OF COVER TO ALL DISTURBED AREAS AND SHALL BE STABILIZED BY SOD, SEEDING OR PLANTINGS.

22. ALL CLEARING & GRADING TO BE PERFORMED IN STRICT CONFORMANCE WITH NORTH BRUNSWICK ORDINANCES, & WITH THE SECTION OF THE NJDOT STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION, LATEST EDITION, ENTITLED "EARTHWORK".

23. NO EXCAVATED MATERIALS MAY BE REMOVED FROM THE SITE WITHOUT PRIOR APPROVAL OF THE TOWNSHIP ENGINEER. ALL EXISTING OR PROJECT GENERATED DEBRIS IS TO BE REMOVED &

PROPERLY DISPOSED OF ACCORDING TO ALL APPLICABLE REGULATIONS. 24. SITE GRADING & UTILITY WORK ARE TO BE PERFORMED IN A MANNER TO MINIMIZE DAMAGE TO EXISTING VEGETATION & TREES. ALL AREAS NOT AFFECTED BY CONSTRUCTION ARE TO REMAIN

NATURAL & UNDISTURBED.

25. THESE NOTES APPLY TO ALL SHEETS IN THIS SET OF PLANS.

SHEET INDEX					
SHEET NO.	DESCRIPTION				
1	COVER SHEET				
2	EXISTING CONDITIONS AND DEMOLITION PLAN				
3	LAYOUT & DIMENSION PLAN				
4	GRADING & UTILITY PLAN				
5	LANDSCAPING & LIGHTING PLAN				
6	SOIL EROSION & SEDIMENT CONTROL PLAN & DETAILS				
7	STANDARD CONSTRUCTION DETAILS				

UNDER SEPARATE COVER:

1) BOUNDARY LINE TOPOGRAPHIC SURVEY PLAN SHT 1 OF 1

The undersigned Engineer certifies that the plan complies with the New Jersey Barrier Free Subcode and the Americans with Disabilites Act Accessibility Guidelines.

WNER/APPLICANT: BRUNSWICK ESTATES. LLC

O MANOJ PRASAD 00 MENLO PARK DR. SUITE 302 EDISON, NJ 08837

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3	PER TWP ENGINEER COMMENTS	8/12/2022	KP/SA			T
2	PER MIDDLESEX COUNTY MEETING 6/22/2022	6/29/2022	KP/SA	BOOK#:	Checked by:	1
1	PER TWP REVIEW LETTER DATED 10/28/2021	4/18/2022	KP/SA			1
10.	REVISION	DATE	Dr/Ck	(-	SA	
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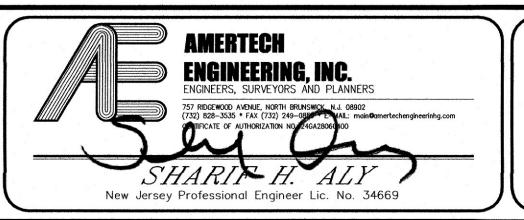
6/7/2021

SCALE:

AS NOTED

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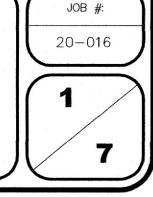
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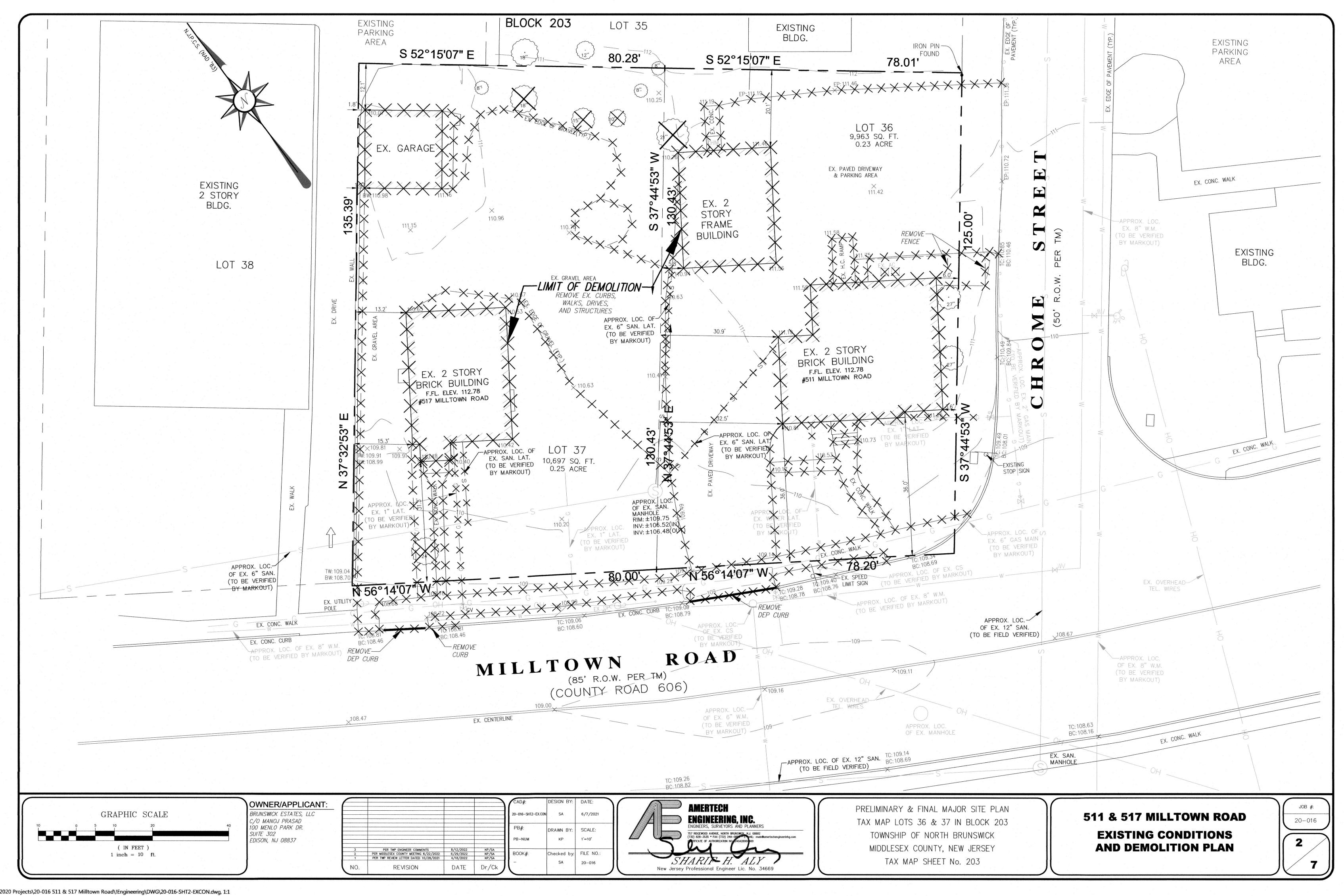


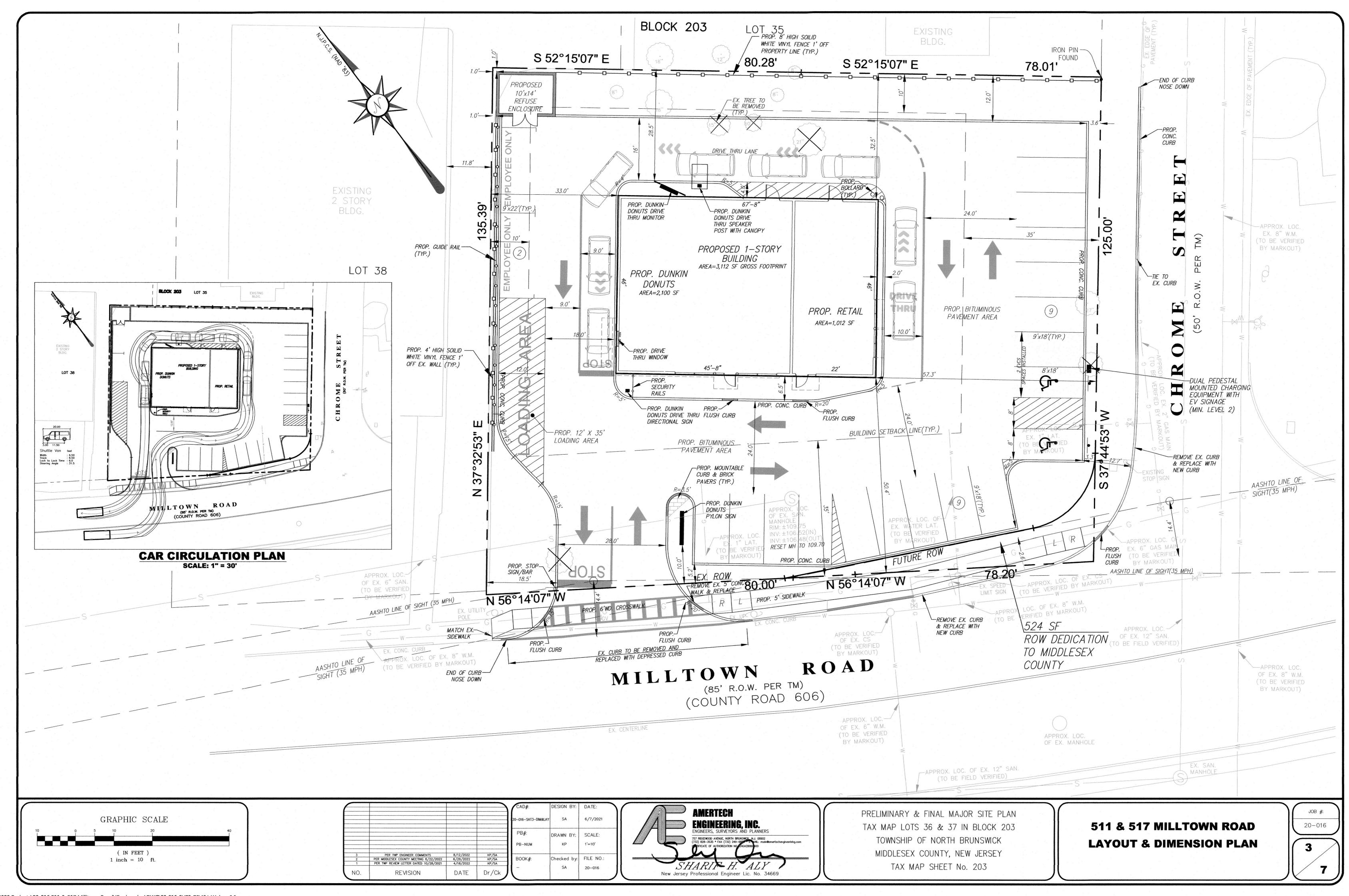
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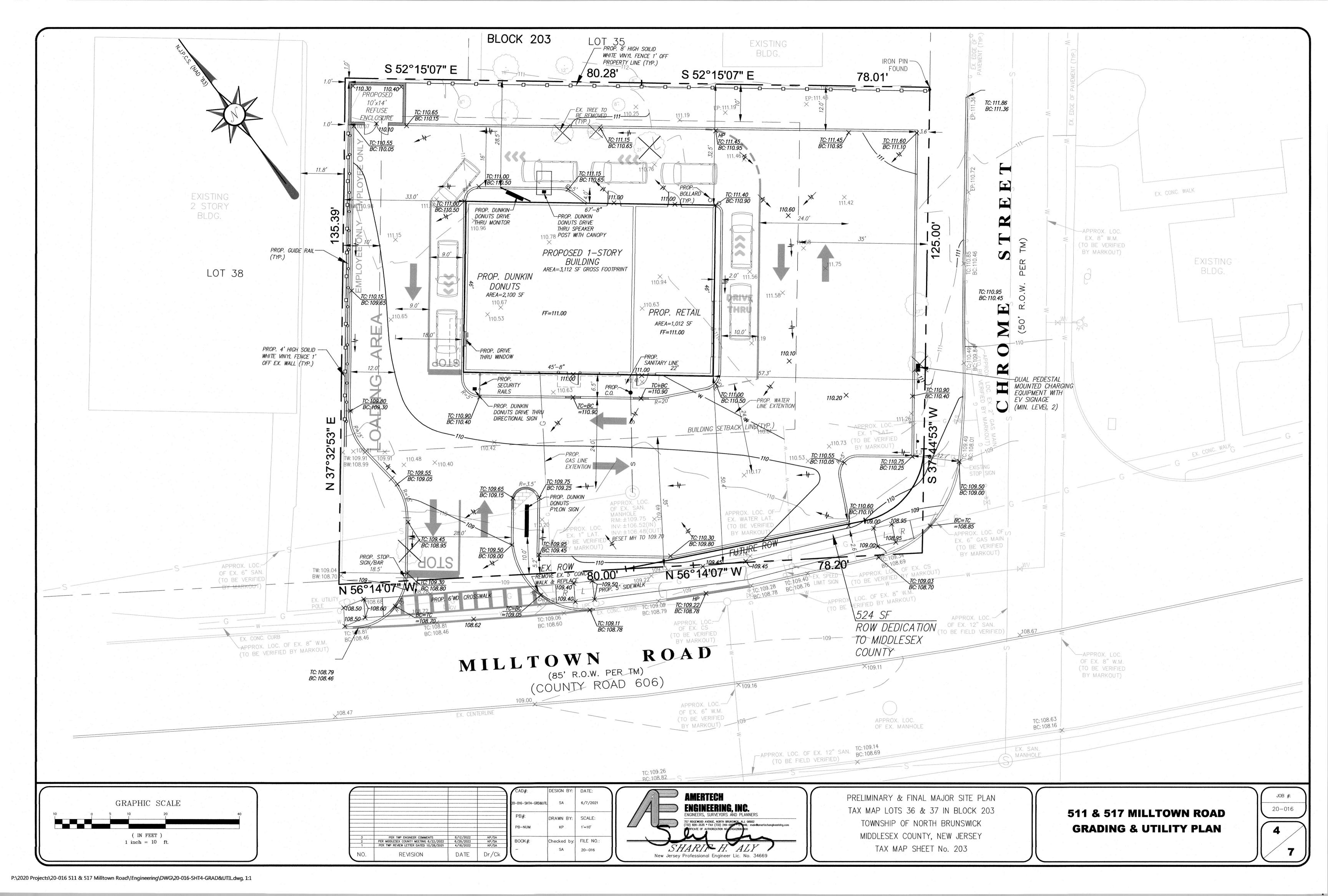
PRELIMINARY & FINAL MAJOR SITE PLAN TAX MAP LOTS 36 & 37 IN BLOCK 203 TOWNSHIP OF NORTH BRUNSWICK MIDDLESEX COUNTY. NEW JERSEY TAX MAP SHEET No. 69

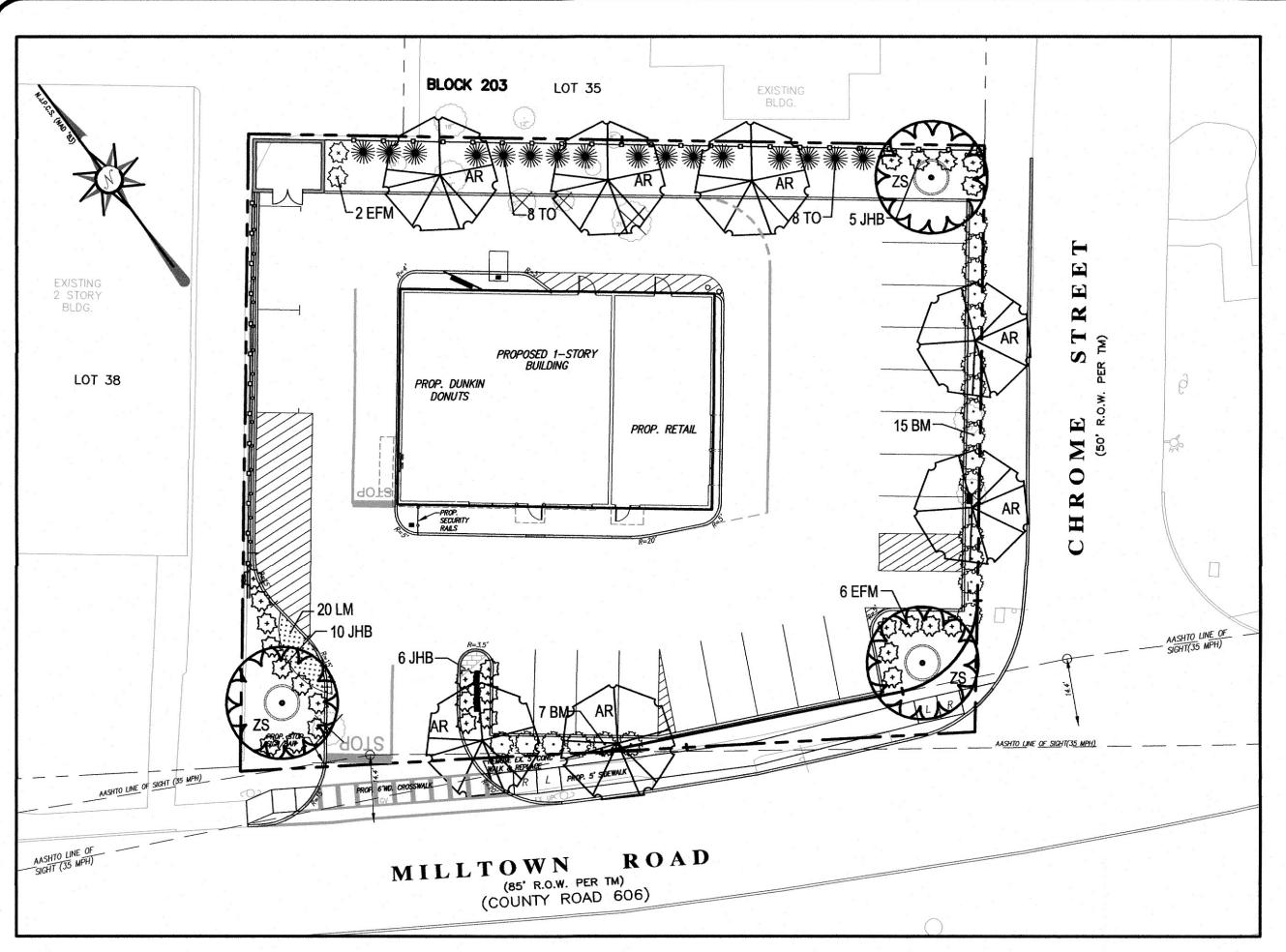
511 & 517 MILLTOWN ROAD COVER SHEET



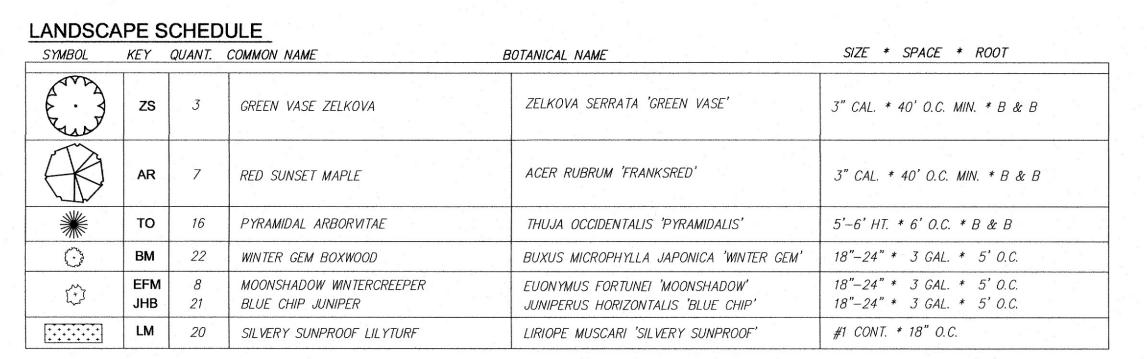


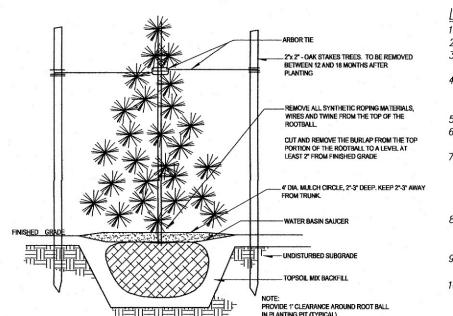






LANDSCAPING PLAN SCALE: 1" = 20'





EVERGREEN TREE PLANTING DETAIL NTS

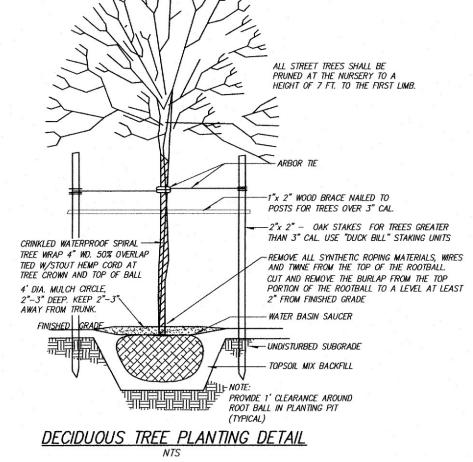
LANDSCAPING NOTES:

PRIOR TO THE START OF WORK, ALL NECESSARY PERMITS ARE TO BE OBTAINED. ALL PLANT MATERIAL IS TO BE FIRST QUALITY NURSERY GROWN STOCK.

ALL NEW LAWN AREAS SHALL RECEIVE A MINIMUM OF 4" TOPSOIL.

- ALL PLANTING MATERIALS AND PLANTING METHODS SHALL MEET OR EXCEED MUNICIPAL ORDINANCES AND THE STANDARDS OF THE AMERICAN ASSOCIATION OF NURSERYMEN. WOODED AREAS THAT ARE PROPOSED TO REMAIN SHALL BE STAKED OUT AND PROTECTED WITH SNOW FENCE PRIOR TO THE START OF CLEARING OPERATIONS. THE TOWNSHIP ENGINEERS OFFICE SHALL BE NOTIFIED WHEN THESE AREAS HAVE BEEN MARKED AND WILL INSPECT FOR CONFORMANCE WITH THE PLAN.
- SEEDED LAWN SHALL BE IN ACCORDANCE WITH THE SEEDING SPECIFICATIONS SHOWN ON THE APPROVED SOIL EROSION AND SEDIMENT CONTROL PLAN.
- TOPSOIL USED IN PLANTING PITS AND FOR BACKFILLING FOR TREES AND SHRUBS SHALL BE FERTILE AGRICULTURAL SOIL CAPABLE OF SUSTAINING VIGOROUS PLANT GROWTH AND SHALL HAVE A PH OF 5.5 TO 6.5. IT SHALL HAVE UNIFORM COMPOSITION, BE FREE FROM LARGE STONES, WOOD AND OTHER FOREIGN
- OBJECTS AND SHALL NOT CONTAIN SUBSTANCES TOXIC TO PLANT GROWTH. POOR OR SANDY SOILS MAY BE USED IF SUPPLEMENTED BY A MINIMUM OF 50% BY VOLUME OF PEAT MOSS. 8. ALL TREES ARE TO BE PROPERLY PLANTED, MULCHED, STAKED AND WRAPPED, AS SHOWN ON THE
- PLANTING DETAILS. ALL EXCESS MULCH ABOVE 4" SHALL BE REMOVED FROM AROUND THE STEM OF THE 9. TREES SHALL BE LOCATED EIGHT FEET MINIMUM FROM A FIRE HYDRANT AND 8 FEET MINIMUM FROM
- DRIVEWAYS. 10. ANY PLANT MATERIAL RECIEVED IN WIRE BASKETS SHALL BE PLANTED FIRST, AND THE TOP 1/3 OF THE
- BASKET SHALL BE CUT AWAY AND REMOVED. ALL SUPPORT ROPES, NATURAL OR SYNTHETIC, SHALL BE CUT AWAY FROM THE TRUNKS.
- 11. ALL PRUNING SHALL BE PERFORMED AT THE NURSERY. NO FIELD PRUNING IS PERMITTED. 12. PLANT SPECIES, SIZE & SPACING OF LANDSCAPING SHOWN ON THIS PLAN MAY BE ALTERED ONLY AT THE DISCRETION OF THE TOWNSHIP PLANNING OFFICE, SHADE TREE COMMISSION OR OTHER AUTHORIZED AGENT

OF THE TOWNSHIP AS FIELD CONDITIONS AND/OR AVAILABILITY WARRANTS.



DATE:

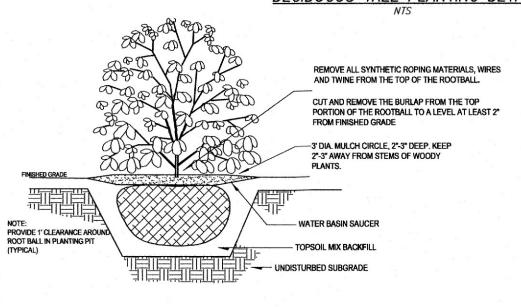
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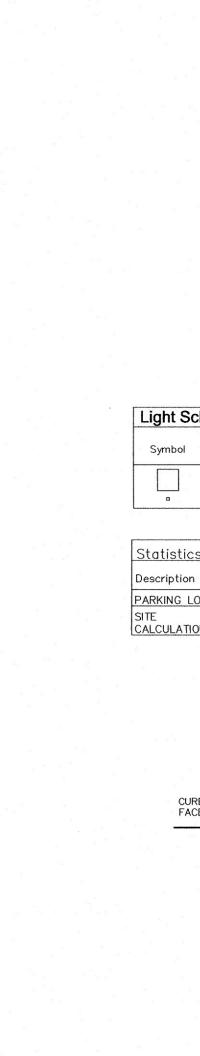
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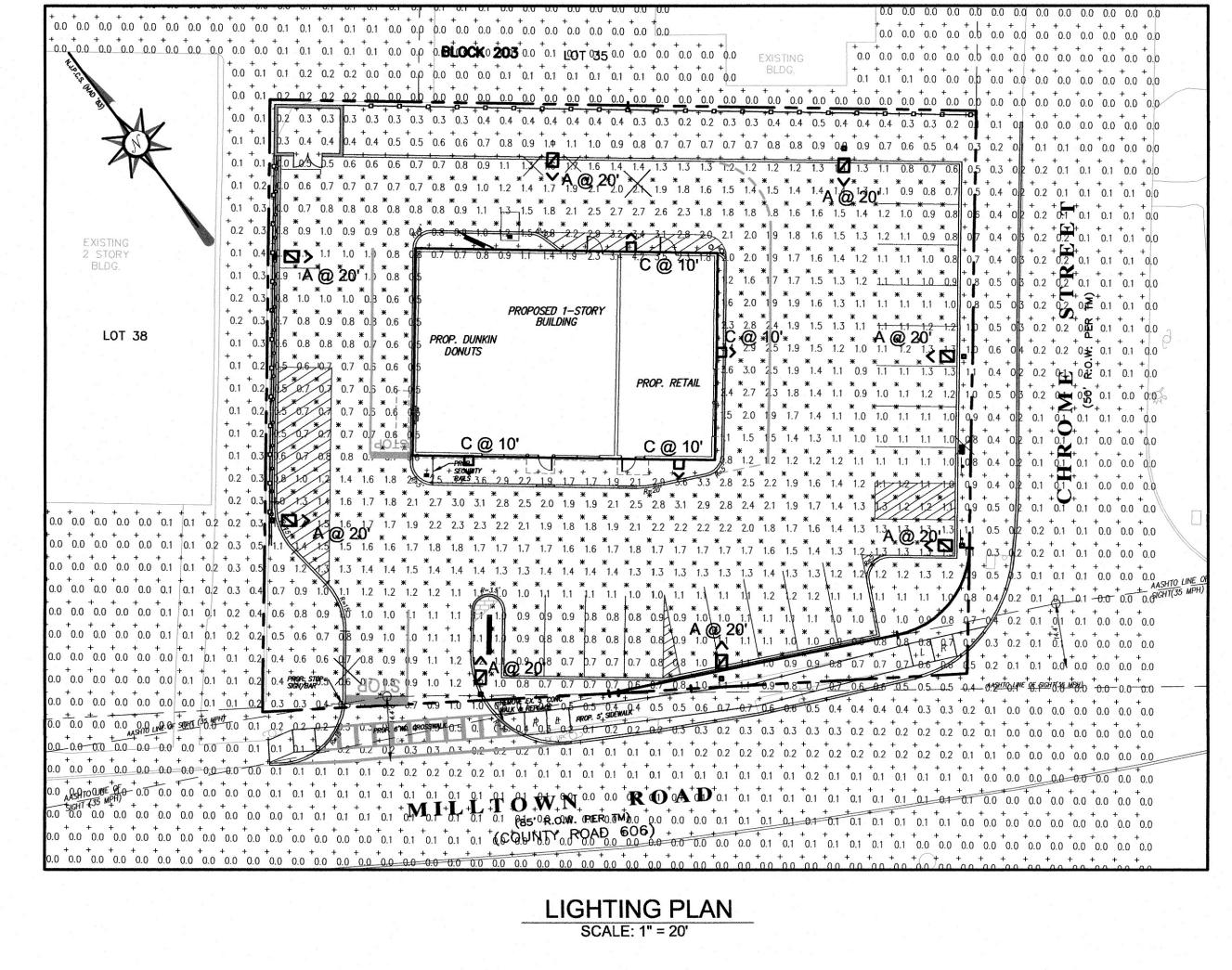
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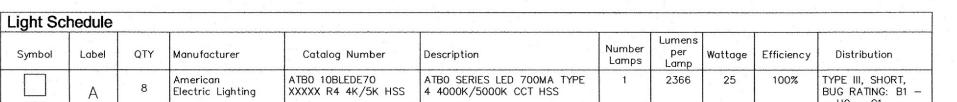
20-016

1'=20'









Symbol Avg Max Min Max/Min Avg/Min X 0.7 fc 1.2 fc 0.2 fc 6.0:1 3.5:1 PARKING LOT + 0.1 fc 1.2 fc 0.0 fc N/A N/A AMERICAN ELECTRIC LIGHTING AUTOBAHN Series "ATB0" LED 700MA Type 4 Distribution Houseside Sheild to be provided on all fixtures (OR APPROVED EQUIVALENT) 6 #6 VERTICAL -- #4 TIES @ 12" --- 24" DIA,4500 PSI CONCRETE -1 1/2" CONDUIT 3/4" GROUND ROD (COPPER CLAD) EXTEND 8' BELOW BOTTOM OF CONCRETE AND CONNECT TO TWO (2) ANCHOR BOLTS AND LIGHTNING GROUNDING LUGS. (TYPICAL FOR ALL LIGHTING POLES)

NOTE: WHERE LIGHT POLES ARE LESS THAN 30" BEHIND CURB, IN AREAS WITH NO CURB, OR ADJACENT TO PARKING AREAS WHERE VEHICLE IMPACT IS LIKELY TO OCCUR, A 'RAISED FOOTING' AT 30" ABOVE GRADE SHALL BE PROVIDED.

CONCRETE POLE BASE

'FLUSH FOOTING'

POLE MOUNT LIGHT DETAIL

LIGHTING NOTES: 1. This lighting submittal is provided for informational purposes only and to provide the applicant and reviewing agency with information regarding the lighting distribution on the ground provided by the style, type and distribution pattern of liahts shown on this plan.

2. This lighting submittal is strictly based on the information provided to Amertech Engineering, Inc. from Acuity Brands, and is provided without warranty as to accuracy, completeness, reliability or otherwise. 3. All electrical plans for exterior lighting to service panel shall be designed by NJ

Licensed Electrician or Mechanical Engineer. 4. Installation of all site lighting electrical work shall be in accordance with all applicable standards, codes, and regulations.

PRODUCT OVERVIEW

Expected Life: LED light engines are rated > 100,000 hours at 25°C, 170. Electronic driver has an expected life of 160,000 hours at a 25°C ambient. Lower Energy: Saves an expected of 40-60% over comparable HID luminaires. Robust Surge Protection: Three different surge protection options provide a minimum of ANSI C136.2 10kV/SkA protection. 20kV/10kA protection is also available.

nd quick disconnects. Bubble level located inside the electrical compartment for easily leveling Rugged die-cast aluminum housing and door are polyester powder-coated for durability and cornision resistance. Rigorous Pro-stage pre-treating and painting process yields a finish that achieves a scribe creepage rating of 7 (per ASTM D1654) after over 5000 hours exposure to salt fog chamber (operated per ASTM B117). Mast arm mount is adjustable for arms from 1–1/4" to 2" (1–5/8" to 2–3/8" Ω D.) diameter. Provides a 3G vibration rating per ANSI C136.31 Wildlife shield is cast into the housing (not a separate piece).

NEMA 3 pin photocontrol receptacle is standard, with the Acuity designed ANSI standard 7 pin receptacle optionally available. Premium solid state locking style photocontrol - PCSS (10 year rated life) Extreme long life solid state locking style photocontrol - PCLL (20 year rated life). Multi-level dimming available to provide scheduled dimming as specified by the customer. Optional onboard Adjustable Output module allows the light output and input wattage to be modified to meet site specific requirements, and also can allow a single fixture to be flexibly

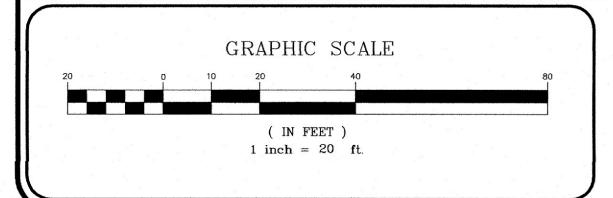
Same Light: Performance is comparable to 70-250W HPS roadway luminaire White Light: Correlated color temperature - 4000K, 70 CRI minimum, 3000K, 70 CRI minimum or optional 5000K, 70 CRI minimum.

Unique IP66 rated LED light engines provided 0% uplight and restrict backlight to within sidewalk depth, providing optimal application coverage and optimal pole spacing. Available in Type II, III,

Autobahn Series ATB0

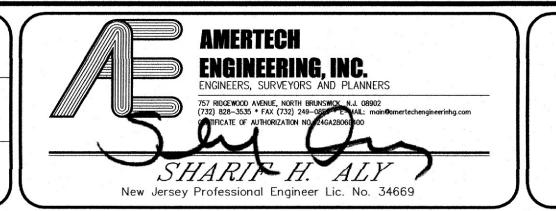
Roadway Lighting

DesignLights Consortium* (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLF, Qualified Products List Color temperatures of \leq 3000K must be specified for international Dark-Sky Association certification. Rated for -40°C to 40°C ambient CSA Certified to U.S. and Canadian standards Complies with ANSI: C136.2, C136.10, C136.14, C136.31, C136.15, C136.37



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				20-016-SHT5-LAN.&LIG.	SA	
				PB#:	DRAWN BY:	
				PB-NUM	KP	
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3	PER TWP ENGINEER COMMENTS	8/12/2022	KP/SA			t
2	PER MIDDLESEX COUNTY MEETING 6/22/2022	6/29/2022	KP/SA	BOOK#:	Checked by:	1
1	PER TWP REVIEW LETTER DATED 10/28/2021	4/18/2022	KP/SA	"	,	1
NO.	REVISION	DATE	Dr/Ck	(-	SA	

SHRUB PLANTING DETAIL



PRELIMINARY & FINAL MAJOR SITE PLAN TAX MAP LOTS 36 & 37 IN BLOCK 203 TOWNSHIP OF NORTH BRUNSWICK MIDDLESEX COUNTY, NEW JERSEY TAX MAP SHEET No. 203

20' TO 25' = 5'-6" 25' TO 30' = 6'-0"

511 & 517 MILLTOWN ROAD LANDSCAPING & LIGHTING PLAN

