Town of Camden

Planning Commission

Wednesday, May 20, 2020 – 7:00 p.m.

Camden Municipal Complex 1783 Friends Way Camden, DE 19934

AGENDA

CALL TO ORDER

- a. Pledge of Allegiance
- b. Roll Call
- c. Notice of Public Hearing:

"In compliance with Delaware State Law, advance notice had been posted in the following manner on March 4, 2020:

- The official bulletin boards,
- Posted on the official electronic sign and
- Posted on the official website,

MINUTES

a. Regular Meeting – January 15, 2020

ANNOUNCEMENTS

a. None

OLD BUSINESS

a. None

NEW BUSINESS

a. The applicant is requesting preliminary site plan approval to develop on East St parcel, McDonald's Restaurant, Tax map No. 7-02-094.00-01-15.02-000

The agenda shall be subject to change to include additional items including executive sessions or the deletion of items including executive sessions, which arise at the time of the meeting/hearing. The Commission may vote on issues before them. If special accommodations are needed, please contact the Town Hall at 697-2299 at least 72 hours in advance.

POSTED: May 6, 2020

Next Scheduled Regular Meeting

June 17, 2020

Town of Camden Regular Planning Commission Meeting Camden Municipal Building January 15, 2020

CALL TO ORDER

Chairwoman Gray led attendees in the Pledge of Allegiance.

Chairwoman Gray called the meeting to order at 7:00 p.m. and noticed that this regular Planning Commission Meeting is being held in compliance with Delaware Open Public Meeting Act by posting the agenda on January 6, 2020, in the following manner:

- The official bulletin boards,
- Posted on the official electronic sign, and
- Posted on the official website.

Members Attending: Chairwoman Gray, Commissioner Johnson, and Commissioner Schock.

Members absent: Commissioner Tom Wanstall and Commissioner Mark Girty.

Staff Attending: Town Clerk Sarah Cahall, Account Specialist Amanda Marlow and Town Manager Aaron Chaffinch

MINUTES

A motion was made by Commissioner Johnson, seconded by Commissioner Schock, to approve the minutes as written from the December 18, 2019 Planning Commission Meeting. All in favor; none opposed.

OLD BUSINESS

Application submitted for minor subdivision for parcel 7-02-094.11-03-87.00-000, Bruce King

Was removed from Agenda on January 9, 2020.

NEW BUSINESS

Tallman Dr, Tax map No. NM 7-02-103.00-01-03.00-000 & NM 7-02-103.00-01-04.00-000, Sunset Village. The applicant is requesting a one-year extension on a preliminary site plan.

Phil Tolliver from Morris & Richie explained that he was here to request a one-year extension on the preliminary site plan for Sunset Village. He stated that over the last year they thought they were going to initiate construction of the storm water facility. He said that did not take place because DNREC has allowed them to modify their plans and reports and bring things up

Town of Camden Wednesday, January 15, 2020

to new code standards. They are continuing to do so and in the process of changing the hydraulic control system and modifying it. He also stated that working with Del-Dot is a process because they have been changing their specification and design plans. They have been working with them to obtain reapproval of construction plans. He said there about 95-98% completed with the reapproval process from Del-Dot and storm water management. He added that the existing house that was on the property has been demolished.

He requested for one-year extension to continue working on the plans that were originally stipulated with the originally preliminary plan approval which was dated April 10, 2013.

Chairwoman Mary Ellen Gray Questioned if anything has changed or any change from Del-Dot.

Phil Tolliver stated that the storm water hydraulic control structure has because you must now control 48 hours of extent attention instead of 24 hours in storm water control system to comply with DNREC requirements. The size, unit count, layout, parking structure, open space, and the site plans haven't changed. Mr. Tolliver stated that their storage taper ledge for left turn lane coming in was modified because there is a turn off onto Upper king road turning into the site. They had to analyze that to comply and re stripe a different way to include a bike path. He said they must construct a new right turn lane from lochmeath way, going North bound on Upper King Rd.

Chairwoman Gray asked when that road will go in.

Mr. Tolliver said it is at Del-Dot discretion because traffic load today could be different from when the project is built.

Chairwoman Gray question if there was enough right of way there to add a turn lane.

Mr. Tolliver stated as of now yes. If there's not the client would have to secure that, and Del-Dot would work with them.

Chairwoman Grey asked if that was in their approval with Del-Dot and Mr. Toliver added that it is.

Chairwoman Gray explained that there were several conditions that were put on the plans with the report: A motion was made by Commissioner Schock and seconded by Commissioner Michael Johnson to approve the one-year extension on the preliminary site plan with the following Conditions as recorded as of last January 16, 2019. Motions carries All in favor; none opposed.

- 1. Report from DNREC regarding the wetlands required.
- 2. Note or an overlay of the FEMA flood plain map required.
- 3. Landscape plan brought up to code and stamped by a landscape architect.
- 4. Open space amenities per section 240-36b and 240-36c must be provided and approved.
- 5. Architectural visuals of the building must be submitted.
- 6. Description of the building materials must be submitted.

Regular Meeting Minutes

- 7. A community impact study pursuant to section 240-11 must be completed.
- 8. Environmental impact study must be completed.
- 9. Signage plans must be submitted.
- 10. Notes pages of submitted plans must be updated indicating the community shall be a lease community, and
- 11. Phase-in schedule required.

PUBLIC COMMENT

Maxine Wayson- 300 William St. asked if it would take another year to come back in for another extension if some of the plans are almost complete and question the number of units.

Mr. Tolliver stated that he cannot rule it out because it depends on his client and other approvals. There are 238 units, 3 story apartment buildings, with 24 units per building.

FOUNDI

ADJOURNMENT

At 7:20 p.m. a motion was made by Commissioner Schock, seconded by Commissioner Johnson, to adjourn the regular meeting. All in favor; none opposed.

Respectfully submitted, Sarah Cahall, Town Clerk



18958 Coastal Highway, Suite D Rehoboth Beach, DE 19971 302.644.1155

February 18, 2020 Via Hand Delivery

Town of Camden 1783 Friends Way Camden, DE 19934

Attention:

Sarah Cahall

Town Clerk

RE:

Site Improvement Plan

McDonald's Camden

Parcel #: 7-02-09400-01-1502-00001

Town of Camden Kent County, DE BEVA # DE190053

Dear Ms. Cahall:

Bohler, on behalf of McDonald's USA, LLC, is pleased to submit the above referenced project for Town of Camden Preliminary Site Plan review and approval. Also enclosed is material for the Board of Adjustment. The 1.28± acre parcel is located at the corner of South Dupont Highway (Route 13), Road A, and East Street, and is zoned Highway Commercial (C-2).

The site is currently vacant. The proposed project consists of developing the parcel with a 4,540 ± SF McDonald's restaurant with 43 parking spaces and associated site amenities including parking, lighting, utilities, etc. Stormwater Management is already handled via and existing offsite facility.

In regard to the Preliminary Site Plan approval and Board of Adjustment consideration, please find enclosed the following material for your review and use in adding this project to the March 19, 2020 Planning Commission Hearing agenda:

- Five (5) copies of the Preliminary Site Plan, Sheet 1-10 of 10, prepared by Bohler, dated February 18, 2020.
- One (1) Land Use Application for Site Plan Review.
- One (1) Preliminary Layout Checklist.
- One (1) Site Plan review fee; Check No. 1519 in the amount of \$320.40.
- One (1) Land Use Application for Variances.
- One (1) Variance fee; Check No. 1520 in the amount of \$200.
- One (1) flash drive to include the Preliminary Site Plan in pdf format.

As discussed, the Owner Affidavit is being circulated for signature and will follow under a separate cover



Preliminary Site Plan McDonald's Camden February 18, 2020 BEVA # DE190053 Page 2 of 2

Upon your review of the above, should you have any questions or require additional information, please do not hesitate to contact this office at (302) 644-1155. Thank you.

Sincerely,

Bohler Engineering VA, LLC

David M. Kuklish, P.E.

cc:

Mike Jeitner, P.E., Bohler Engineering PA, LLC

Ashton N. McLaughlin, P.E., Bohler Engineering VA, LLC

File

DMK/JLC

H:\19\DE190053\Administrative\Letters\200218 McDonald's Town of Camden PSP Coverletter.doc



PRELIMINARY LAYOUT CHECKLIST

SUBMISSION DEADLINE: THIRTY (30) DAYS PRIOR TO NEXT MEETING

(Planning Commission Meetings are held the 3rd Wednesday of each Month)

Project Name: McDonald's Dat		Date of	Pate of Submission: 2/18/2020		
Pro	Project Location: Corner at South Dupont Highway & Road A & East Street				
Тур	Type of application: Preliminary Site Plan				
Exi	sting use: Vacant	Propose	ed use: Commercial / McDonald's	Restaurant	
Exi	sting zoning: C-2	Propose	ed zoning: C-2		
Тах	map number:	Kent County:			
Nui	mber of copies needed for submission: 5	PLUS:	Commission: X	Council:	
Ow	ner: CARL P. KING REAL ESTATE,, L.L	Officers of INC or LLC if Applicable:			
Ado	dress: 27690 Sterling Blvd., Millsboro, DE 19966	Certificate of formation for INC or LLC if Applicable:			
Sur	veyor/Engineer: Bohler Engineering VA, LLC				
Address: 18958 Coastal Highway, Suite D Rehoboth Beach, DE 19971		Phone number: (302) 644-1155			
Outstanding fees on property * N/A		Existing violations at site* N/A			
X	Project Name	X	Property Owner's Name and A	address	
X Surveyor and/or Engineer's Name and Address		X	Date		
X Property Tax Map Number(s)		Х	Scale		
x Site Boundary w/ Bearings and Distances		Х	Total Site Area		
X Proposed Lot Areas		X	Front, Side, and Rear Setbacks		
x	Horizontal Datum and Date	X	North Arrow		
х	Current and Proposed Zoning of Property	х	Names of Adjoining Property	Owners	
x	Map Numbers of Adjoining Properties	×	Zoning of Adjoining Property	Owners	

Х	Flood Map Panel and Zone	X	Wetlands Note and/or Delineation
N/A	Streams and Water Courses	N/A	Single Trees with a Diameter of 6 inches or more
N/A	Marked or Unmarked Burial Sites	Х	Significant Existing Features and Structures
N/A	Archeological Sites	Х	Underground Storage Tanks
×	Existing and Proposed Contours at 1ft Intervals	Х	Vertical Datum and Date
X	Size and Location of Existing Utilities	Х	Location and Size of Existing Storm Drains
Х	Location of Existing Utility/Drainage Easements	Х	Size and Location of Proposed Utilities
Х	Location and Size of Proposed Storm Drains	Х	Location of Proposed Utility/Drainage Easements
X	Existing Sidewalk/Curbing/Edge of Pavement	Х	Proposed Sidewalk/Curbing/Edge of Pavement
N/A	Cross-Sections and Profiles of Proposed Streets	Х	Existing and Proposed Parking
X	Existing and Proposed Dedicated Right-of-Way	Х	Existing and Proposed Open Space
Х	Proposed Building Type and Building Material Type VB		
RE	MARKS:		

REMARKS:	
CONDITIONS:	

- 1) *NO APPLICATION WILL BE ACCEPTED UNLESS ALL TAXES, ASSESSMENTS, WATER, SEWER, ELECTRIC, TRASH CHARGES OR ANY OTHER FEES DUE THE TOWN, ARE PAID AND IN GOOD STANDING.
- 2) THE FINAL PLAT AND OTHER DOCUMENTS AS SPECIFIED IN ARTICLE 5 OF THE LAND SUBDIVISION REGULATIONS SHALL BE PREPARED BY THE SUBDIVIDER IN ACCORDANCE WITH THE GENERAL REQUIREMENTS AND DESIGN STANDARDS SPECIFIED IN ARTICLES 6 AND 7 OF THE LAND SUBDIVISION REQUIREMENTS AND SHALL BE SUBMITTED TO THE COMMISSION WITHIN TWELVE (12) MONTHS AFTER APPROVAL OF THE PRELIMINARY LAYOUT; OTHERWISE, SAID APPROVAL SHALL BECOME NULL AND VOID UNLESS AN EXTENSION OF TIME IS APPLIED FOR, AND GRANTED BY THE COMMISSION WITHIN THE SAID TWELVE (12) MONTH PERIOD.



LAND USE APPLICATION

Cover sheet for applications to Planning Commission, Town Council or Board of Adjustment

Please check the appropriate action(s)

Date: 2/18/2020

SITE PLAN FEE: SEE BELOW	/	CONDITIONAL USE FEE: SEE BELOW		ZONING AMENDMENT FEE: SEE BELOW		VARIANCE FEE: \$200.00	
MINIMUM FEE: \$275.00 PLUS \$10.00 PER 1,000 SQUARE FT. OF FLOOF AREA FOR BUSINESS, COMMERCIAL AND INDUSTRIAL BUILDIN	3	\$200.00 PLUS \$10.00 PER DWELLII UNIT FOR: 1. Residential Cluster 2. Developments 3. Townhouses 4. Townhouse Developments 5. Two-Family and Multi-Fam Dwellings 6. Multi-Family/Condominius Developments 7. Mobile or Manufactured Hearks 8. Subdivisions	i mily m	FROM ANY DISTRICT TO RESIDENTIAL \$50.00 PLUS \$ 5 ACRE OR PART OF AN ACRE S MAXIMUM FEE. FROM ANY DISTRICT TO COMMERCIAL \$75.00 PLUS \$ ACRE OR PART OF AN ACRE S MAXIMUM FEE. FROM ANY DISTRICT TO IND \$150.00 PLUS \$ 20.00 PER ACR PART OF AN ACRE \$1,000.00 MAXIMUM FEE. FROM ANY DISTRICT TO PRESERVATION \$10.00 PLUS \$ ACRE OR PART OF AN ACRE MAXIMUM FEE.	51,250.00 5.00 PER 6750.00 USTRIAL E OR	FEE: \$200.00 APPEAL: \$200.00	e
The undersigned he requests the Camden Plar Commission to grant Site Approval. Property address:		The undersigned hereby req Town Council Approval of a Plan for a Conditional Use.	uests Site	The undersigned petitions Town amend the Zoning District Map.	Council to	The unders hereby petitions Board of Adjustm grant a variance.	the
Lot number, subdivision name or other identification	on Lowner	har interested north. Bohler E	TATE	, L.L, 27690 Sterling Blvd., Mills ering VA, LLC			
		ighway Commercial District		Highway, Suite D. Rehoboth Be	ach, DE 1	9971	
	114 274 2274 4044	Highway Commercial District		Proposed Use: Comme	rcial / Mcl	Donald's Restauran	t
Description of property su			,,	Troposca osc. Commi	TOTAL T WITE	Johana o Hadiaaran	
Area: 55,534 SF (1.28)	_	o mis request.		Width: 183'			
Depth: 305'	10.)			Setback: 40' Front, 15	Side 20'	Rear	
Area of any adjacent prope				Selouda, 40 Front, 19	JIGO, 20		

Existing Sanitary facilities: CWSWA		Existing Water Supply: CWSWA	
Proposed sanitary facilities: CWSWA	1	Proposed water supply: CWSWA	-
Please describe any proposed new cons	struction to be erected on the property	:	
Number of parking spaces: 43	Building size: 4,540 SF	Building height: 1 story	
Units per acre: 1	Number of units: 1	Number of buildings: 1	

Applications to Planning Commission, Town Council or Board of Adjustment

Applicant is proposing to develop the currently vacant subject site with a 4,540± SF McDonald's Restaurant with		
associated parking and access driveways.		
Please list all attachments and documentation applicable to request:		
- Coverletter		
- Site Plan Checklist	10.10	
- Review Fee		
- Site Plan		

TOWN OF CAMDEN LAND USE APPLICATION

Page 2 of 4

I/We certify that the above information and any attached information is true and correct to the best of my/our knowledge.					
Signature of legal owner (if not applicant)	Signature of legal owner (if not applicant)				
Signature of applicant:					
Cover sheet for applications to Plans	ning Commission, Town Council or Board of Adjustment				
FOR	R OFFICE USE ONLY				
Application or Petition Number:	Zoning District Map Number:				
Site Plan Number:	Modified Grid Number:				
S	ITE PLAN REVIEW:				
Preliminary site plan reviewed by: Date:					
Recommendation:					
HEARING	AND MEETING SUMMARY:				
Planning Commission Hearing Date:					
Action taken by Planning Commission:					
Town Council Hearing Date:	Town Council Meeting Date:				
Board of Adjustment Hearing Date:					
Action taken by Board of Adjustment:					
Appeal Board of Adjustment Date:					
Result of Anneal:					

TOWN OF CAMDEN LAND USE APPLICATION

Page 3 of 4

I/We certify that the above information and any attac	hed information is true and correct to the best of my/our knowledge.
Signature of legal owner (if not applicant) Signature of applicant: MaDa	MALD'S USB LLC.

Cover sheet for applications to Planning Commission, Town Council or Board of Adjustment

FOR OFFICE USE ONLY			
FOR OFFIC	LE USE ONLY		
Application or Petition Number:	Zoning District Map Number:		
Site Plan Number:	Modified Grid Number:		
SITE PLA	AN REVIEW:		
Preliminary site plan reviewed by:	Date:		
Recommendation:			
HEARING AND M	EETING SUMMARY:		
Planning Commission Hearing Date:	Planning Commission Meeting Date:		
Action taken by Planning Commission:			
Town Council Hearing Date: Action taken by Town Council:	Town Council Meeting Date:		
Board of Adjustment Hearing Date:			
Action taken by Board of Adjustment:			
Appeal Board of Adjustment Date:			
Result of Appeal:			

TOWN OF CAMDEN LAND USE APPLICATION

Page 3 of 4

AFFIDAVIT

RE:

Application of McDonald's USA, LLC S. Dupont Highway & Access Road A Town of Camden Kent County, DE PIN/MAP#7-02-09400-01-1502-00001

I, Bruce King, Carl P King Real Estate, LLC the owner of the property located, S. Dupont Highway, Town of Camden, Kent County, DE, more formally known as PIN/MAP# 7-02-09400-01-1502-000001 and hereby declare and name, McDonald's USA, LLC, as the authorized agent. I grant permission to McDonald's USA, LLC, to act on my behalf throughout the entire process and all aspects needed during the project up to and including applicable building permitting. In addition, I authorize McDonald's USA, LLC to represent myself in all matters for the above address, I also grant permission to the Town of Camden to communicate directly with, McDonald's USA, LLC, and grant permission to the Town of Camden to share information with and rely on information given by, McDonald's USA, LLC, for the purpose of the following work to be conducted on my property located in the Town of Camden.

Project Description

Property Owner Information:

McDonald's USA, LLC is proposing to build a new 4,540 SF McDonald's Restaurant with side-by-side drive thru configuration. Site would also include all lighting, landscaping, utilities, and parking to support the use. The authorization would cover all aspects of the Land Use Approval Process, Zoning Process, and any/all applicable permit applications necessary for the project.

Name:Carl P King Real Estate, LLC
Address: 27690 Sterling Blvd
Millsboro, DE 19966

Phone Number:

Email Address:

Bruce King (Print Name)

PRELIMINARY SITE PLANS

MCDONALD'S USA, LLC.

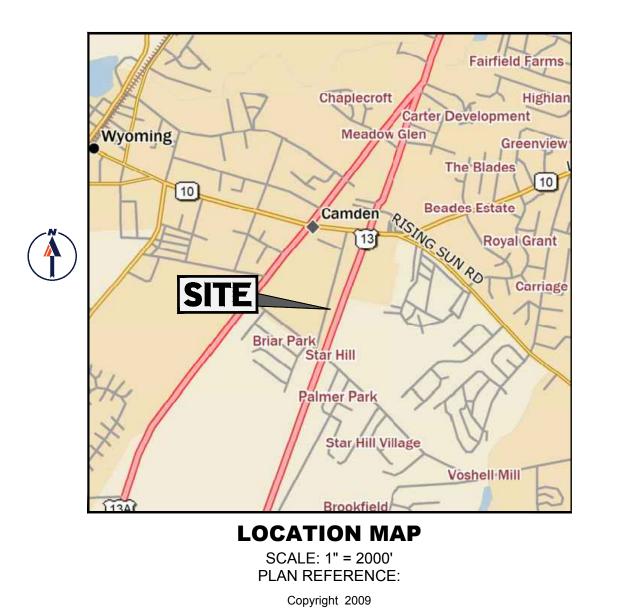
PROPOSED

RESTAURANT WITH DRIVE-THRU

LOCATION OF SITE EAST STREET, TOWN OF CAMDEN **KENT COUNTY, DELAWARE** TAX MAP#: 7-02-09400-01-1502-00001

PLAN REFERENCES AND CONTACTS DATED: 11/18/2019 (REV. 1) CARNEYS POINT, NJ 08069 (856) 351-7523 (F) **GOVERNING AGENCIES** KENT CONSERVATION DISTRICT JARED ADKINS, P.E. WATER CONSERVATION 800 BAY ROAD, SUITE 2 SEDIMENT AND STORMWATER <u>PROGRAM</u> **DOVER, DE 19901** (302) 739-9921 (P) 1537 CHESTNUT GROVE ROAD **DOVER, DE 19904** JAMIE FENSKE (302) 739-3696 (F) 1783 FRIENDS WAY CAMDEN, DE 19934 VERIZON (866) 397-5153 (P) (302) 697-2299 (P) (302) 697-9115 (F) WATER AUTHORITY KENT COUNTY DEPARTMENT CAMDEN-WYOMING, DE 19934 OF PUBLIC WORKS (302) 697-6372 (P) (302) 697-2735 (F) DOVER, DE 19901 PHONE: (302) 744-2430

THE ABOVE REFERENCED DOCUMENTS ARE INCORPORATED BY REFERENCE AS PART OF THESE PLANS, HOWEVER, BOHLER DOES NOT CERTIFY THE ACCURACY OF THE WORK REFERENCED OR



DELORME STREET ATLAS USA 2009 PLUS **OWNER** CARL P. KING REAL ESTATE, L.L 27690 STERLING BLVD MILLSBORO, DE 19966 BRUCE KING

APPLICANT MCDONALD'S USA, LLC 6903 ROCKLEDGE DRIVE, SUITE 1100 BETHESDA, MD 20817 JOHNATHAN BASKE

SHEET INDEX		
SHEET TITLE	SHEET NUMBER	
COVER SHEET	C-101	
DEMOLITION PLAN	C-201	
SITE PLAN	C-301	
GRADING PLAN	C-401	
UTILITY PLAN	C-501	
LANDSCAPE PLAN	C-701	
LANDSCAPE DETAILS	C-702	
LIGHTING PLAN (BY OTHERS)	1 OF 1	

OWNERS CERTIFICATION I. THE UNDERSIGNED. HEREBY CERTIFY THAT I AM THE OWNER OF THE PROPERTY THAT I ACKNOWLEDGE THE SAME TO BE MY ACT, AND DESIRE THE PLAN TO BE DEVELOPED AS SHOWN IN ACCORDANCE WITH ALL APPLICABLE LAWS AND REGULATIONS.

I, THE UNDERSIGNED, CERTIFY THAT ALL LAND CLEARING, CONSTRUCTION AND DEVELOPMENT SHALL BE DONE PURSUANT TO THE APPROVED PLAN AND THAT RESPONSIBLE PERSONNEL (I.E. BLUE CARD HOLDER) INVOLVED IN THE LAND DISTURBANCE WILL HAVE A CERTIFICATION OF TRAINING PRIOR TO INITIATION OF THE PROJECT, AT A DNREC SPONSORED OR APPROVED TRAINING COURSE FOR THE CONTROL OF EROSION AND SEDIMENT DURING CONSTRUCTION, IN ADDITION, I GRANT THE DNREC SEDIMENT AND STORMWATER PROGRAM AND/OR THE RELEVANT DELEGATED AGENCY THE RIGHT TO CONDUCT ON-SITE REVIEWS, AND I UNDERSTAND MY RESPONSIBILITIES UNDER THE NPDES CONSTRUCTION GENERAL PERMIT.

BRUCE KING CARL P. KING REAL ESTATE, L.L.

SITE DESIGNER/ENGINEER CERTIFICATION

I HEREBY CERTIFY THAT I AM A REGISTERED PROFESSIONAL ENGINEER WITH A BACKGROUND IN CIVIL ENGINEERING IN THE STATE OF DELAWARE AND THAT THIS PLAN HAS BEEN PREPARED UNDER MY SUPERVISION AND TO THE BEST OF MY KNOWLEDGE COMPLIES WITH THE APPLICABLE LOCAL AND STATE REGULATIONS AND ORDINANCES.

SIGNATURE AND SEAL OF ENGINEER

CAD FILE: DE190053-PSP-0

IT HEREBY IS CERTIFIED THAT THIS SUBDIVISION PLOT PLAN WAS GRANTED FINAL APPROVAL BY THE TOWN OF CAMDEN, DELAWARE, ON ___ IS ELIGIBLE FOR RECORDING IN THE OFFICE OF THE RECORDER OF DEEDS FOR KENT COUNTY, DELAWARE.

MAYOR OR DESIGNEE

02/18/2020 &

BOHLER//

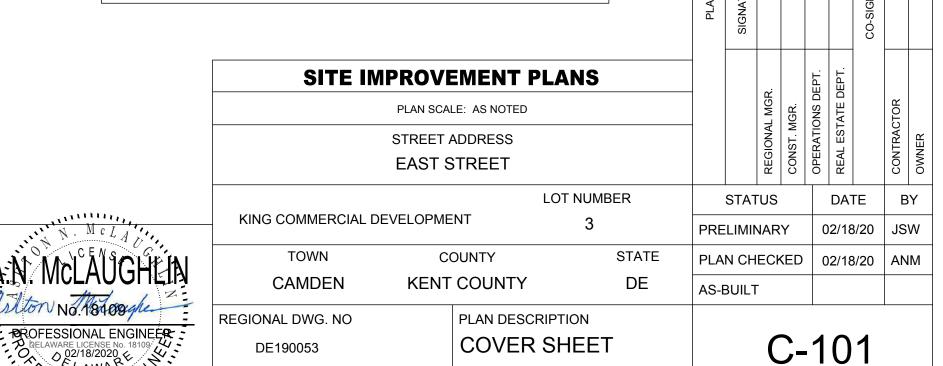
18958 COASTAL HWY, SUITE D

REHOBOTH BEACH, DE 19971

Phone: (302) 644-1155

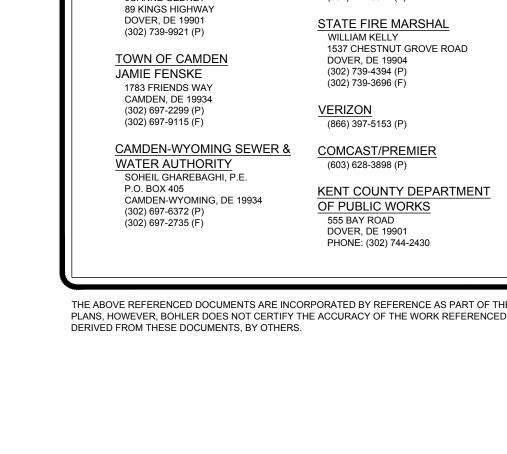
BohlerEngineering.com

(302) 703-3173

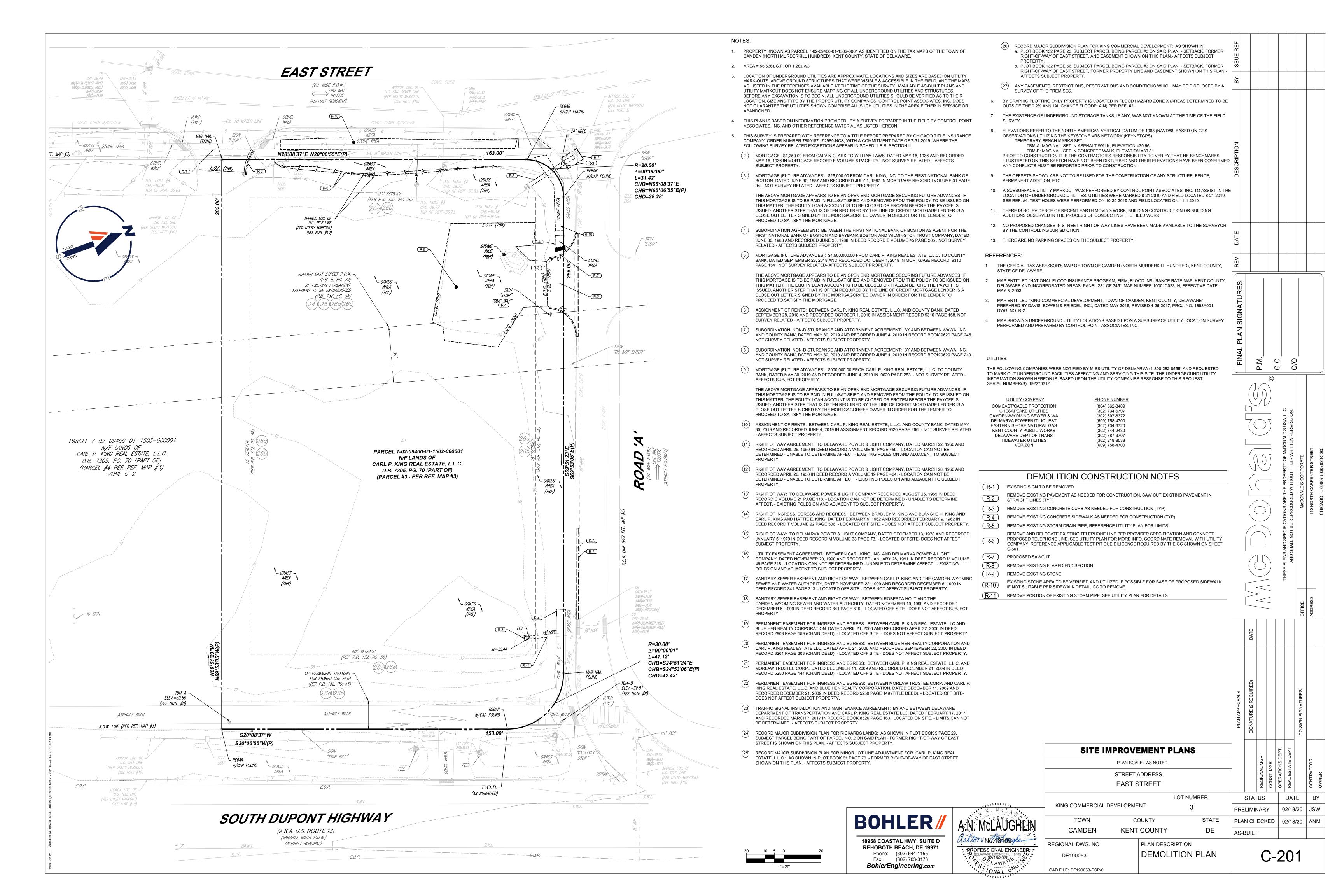


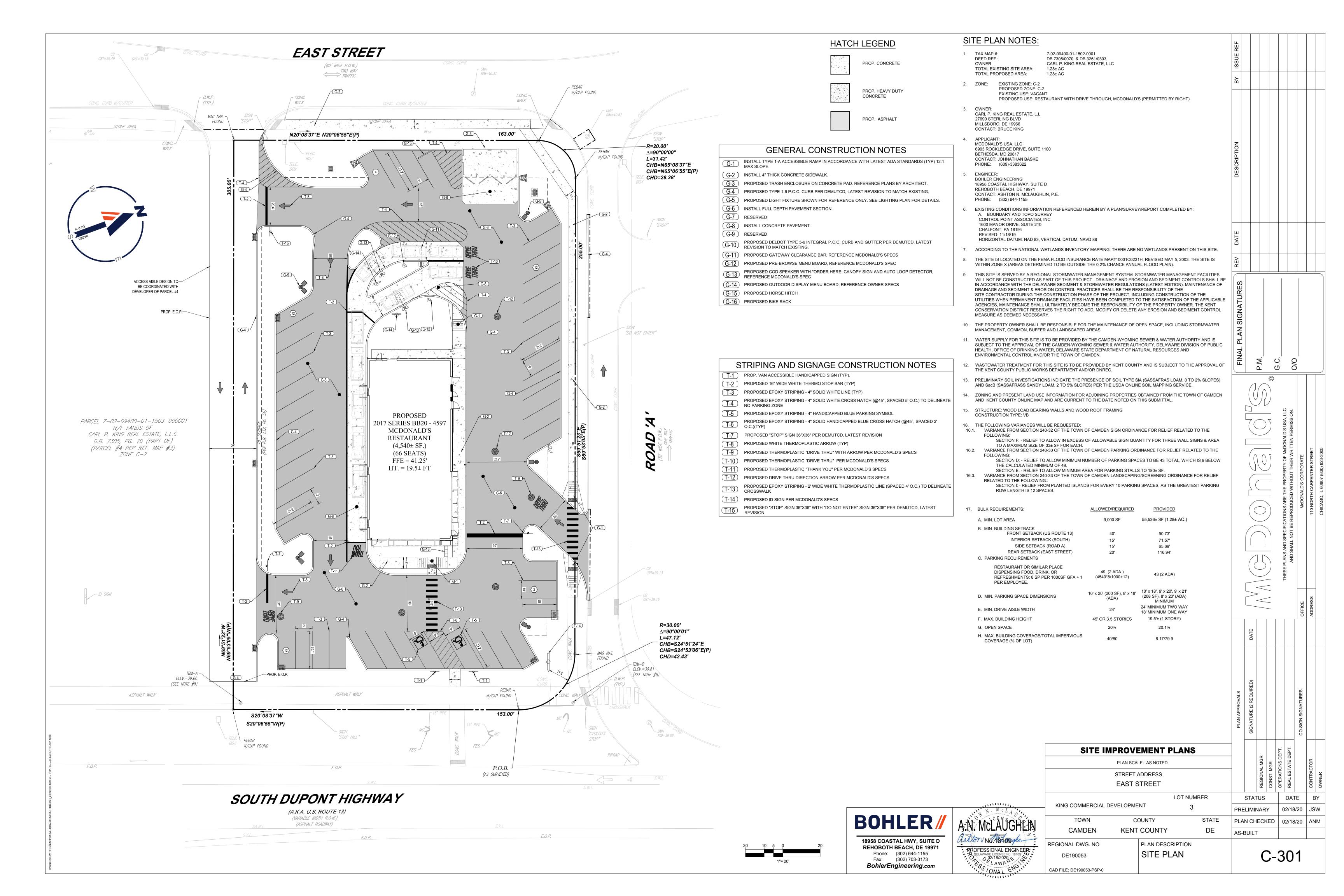
BOHLER// CONTACT: ASHTON N. MCLAUGHLIN, P.E.

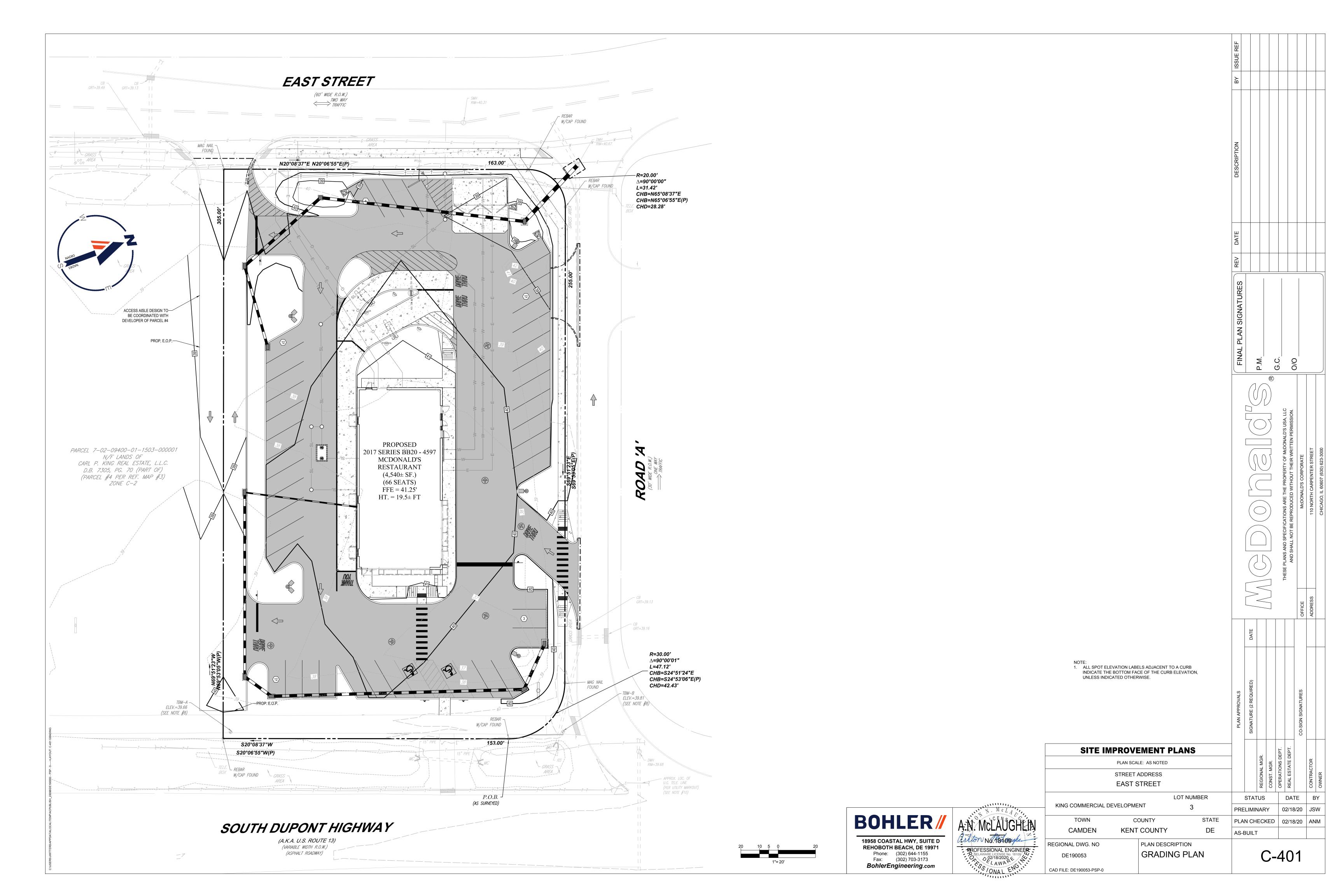
PREPARED BY

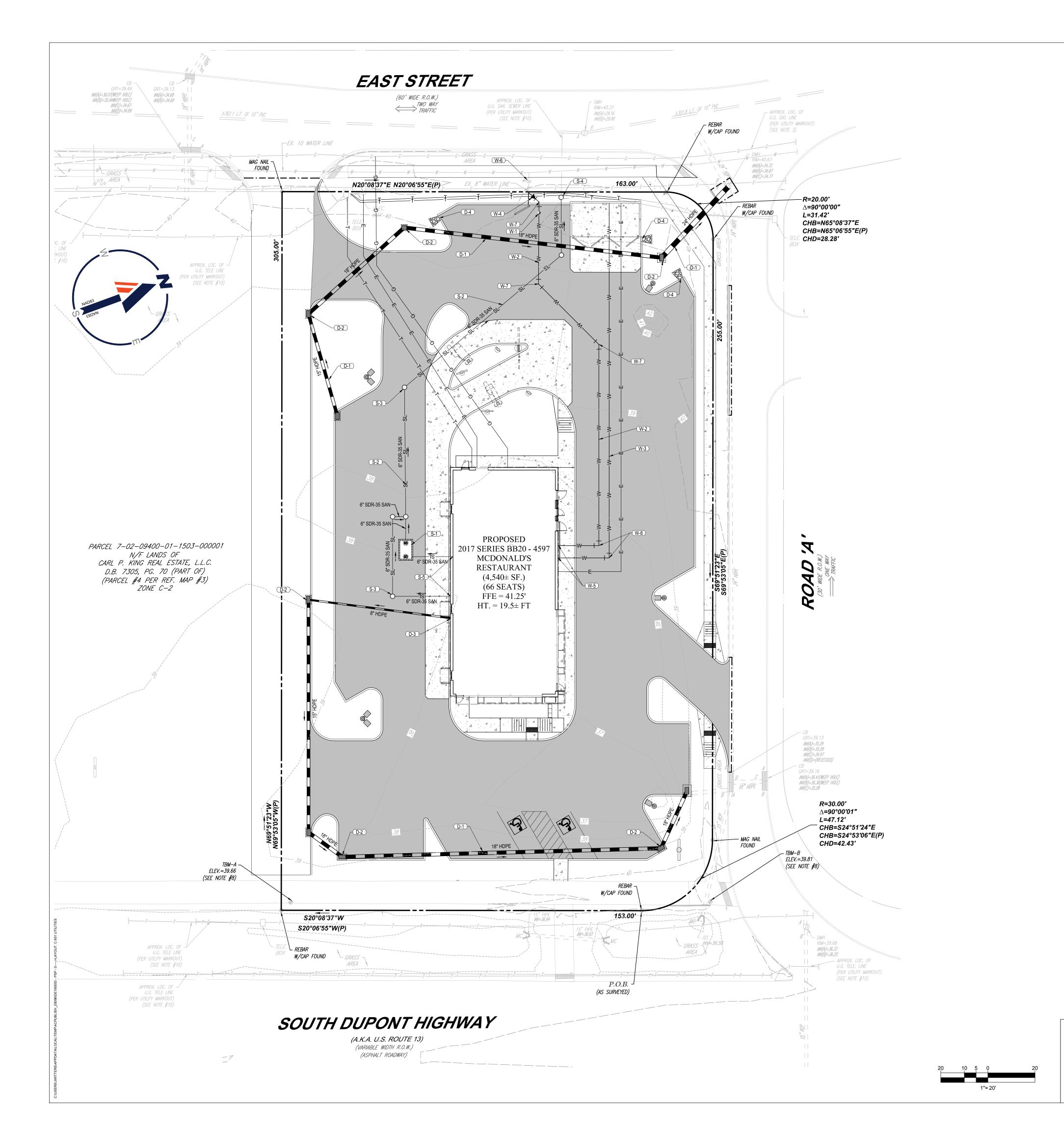


IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THIS PROJE VORK SCOPE PRIOR TO THE INITIATION OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS RELATIVE THE SPECIFICATIONS OR APPLICABLE CODES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE PROJECT ENGINEER OF RECORD I WRITING PRIOR TO THE START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY THE PROJECT ENGINEER SHALL CONSTITUTE CEPTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF THE WORK AS DEFINED BY THE DRAWINGS A









STORM SEWER CONSTRUCTION NOTES

D-1 INSTALL PROPOSED STORM DRAIN PIPE (TYP.).

D-2 INSTALL PROPOSED STORM DRAIN CATCH BASIN (TYP.).

D-3 CONNECT ROOF DRAINS TO BUILDING. SEE ARCHITECTURAL/MEP PLANS TO VERIFY CONNECTION LOCATIONS PRIOR TO CONSTRUCTION.

D-4 PROPOSED CURB CUT WITH RIPRAP.

SANITARY SEWER CONSTRUCTION NOTES

S-1 INSTALL PRE-CAST 1,500 GAL. GREASE INTERCEPTOR.

S-2 INSTALL 6" PVC SDR-35 SANITARY LATERAL (1.0% MINIMUM SLOPE) WITH CLEANOUTS SHOWN AT LOCATIONS HEREON (TYP.).

S-3 PROPOSED SANITARY CLEANOUT

CONNECT PROPOSED SEWER TO EXISTING CLEANOUT. CLEANOUT CAP SHALL BE ADJUSTED TO FINAL GRADE AFTER CONSTRUCTION IS COMPLETED. CONTRACTOR TO VERIFY DEPTH AND LOCATION IN FIELD PRIOR TO CONSTRUCTION AND REPORT CONDITIONS TO BOHLER.

CONNECT PROPOSED SEWER TO BUILDING, SEE BUILDING PLUMBING DRAWINGS FOR TIE-IN LOCATIONS AT BUILDING PRIOR TO CONSTRUCTION. GC MUST INSTALL PLUMBING FOR SANITARY SEWER IN ACCORDANCE WITH SECTION 715 OF THE IPC.

DOMESTIC WATER CONSTRUCTION NOTES

W-1 INSTALL 2" WATER METER PER TOWN OF CAMDEN REQUIREMENTS,

W-2 INSTALL 2" SDR-9 POLY PVC PIPE DOMESTIC WATER SERVICE (48" MIN. COVER, TYP.).

W-3 INSTALL 3/4" SDR-9 POLY PVC PIPE DOMESTIC WATER SERVICE (48" MIN. COVER, TYP.).

W-4 INSTALL 8"X2" REDUCER PER PROVIDER SPECIFICATIONS

W-5 CONNECT WATER LINE TO BUILDING. SEE ARCHITECTURAL/MEP PLANS FOR DETAILS, CONFIRM PRIOR TO CONSTRUCTION.

SITE IMPROVEMENT PLANS

PLAN SCALE: AS NOTED

COUNTY

KENT COUNTY

PLAN DESCRIPTION

UTILITY PLAN

LOT NUMBER

DE

STREET ADDRESS

EAST STREET

KING COMMERCIAL DEVELOPMENT

CAMDEN

REGIONAL DWG. NO

DE190053

CAD FILE: DE190053-PSP-0

 $\overline{\text{W-6}}$ ADJUST WATER VALVE TO FINAL GRADE (TYP)

W-7 PROPOSED 45° BEND.

W-8 PROPOSED 90° BEND.

 AL PLAN SIGNATURES
 REV
 DATE
 DESCRIPTION
 BY
 ISSUE RE

 Include the properties of the pr

Ŋ

FLAN APPROVALS

REGIONAL MGR.

CONST. MGR.

OPERATIONS DEPT.

REAL ESTATE DEPT.

CO-SIGN SIGNATURES

CONTRACTOR

CONNER.

CO-SIGN SIGNATURES

CONNER.

CO-SIGN SIGNATURES

ADDR.

02/18/20 JSW

02/18/20 ANM

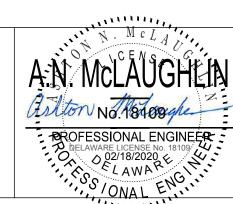
C-501

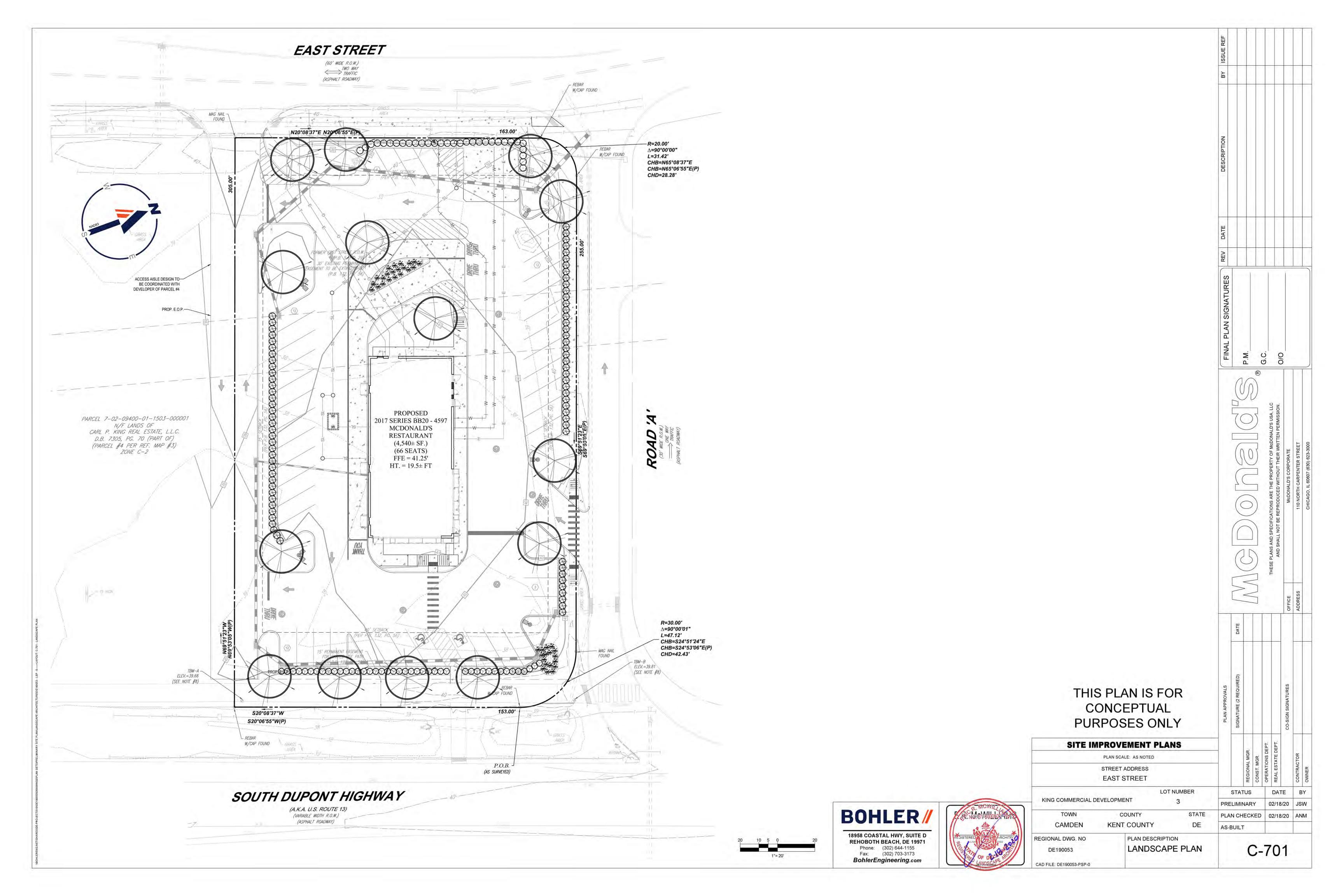
PRELIMINARY

PLAN CHECKED

AS-BUILT







LANDSCAPE SPECIFICATIONS

I. SCOPE OF WORK: THE LANDSCAPE CONTRACTOR SHALL BE REQUIRED TO PERFORM ALL CLEARING, FINISHED GRADING, SOIL PREPARATION, PERMANENT SEEDING OR SODDING, PLANTING AND MULCHING INCLUDING ALL LABOR, MATERIALS, TOOLS AND EQUIPMENT NECESSARY FOR THE COMPLETION OF THIS PROJECT, UNLESS OTHERWISE CONTRACTED BY

THE GENERAL CONTRACTOR.

A. GENERAL - ALL HARDSCAPE MATERIALS SHALL MEET OR EXCEED SPECIFICATIONS AS OUTLINED IN THE STATE DEPARTMENT OF TRANSPORTATION'S SPECIFICATIONS.

- B. TOPSOIL NATURAL, FRIABLE, LOAMY SILT SOIL HAVING AN ORGANIC CONTENT NOT LESS THAN 5%, A PH RANGE BETWEEN 4.5-7.0. IT SHALL BE FREE OF DEBRIS, ROCKS LARGER THAN ONE INCH (1"), WOOD, ROOTS, VEGETABLE MATTER AND CLAY CLODS
- C. LAWN ALL DISTURBED AREAS ARE TO BE TREATED WITH A MINIMUM SIX INCH (6") THICK LAYER OF TOPSOIL, OR AS DIRECTED BY THE LOCAL ORDINANCE OR CLIENT AND SEEDED OR SODDED IN ACCORDANCE WITH THE PERMANENT STABILIZATION METHODS INDICATED WITHIN THE SOIL EROSION AND SEDIMENT CONTROL NOTES. 1.1. LAWN SEED MIXTURE SHALL BE FRESH, CLEAN NEW CROP SEED. 1.2. SOD SHALL BE STRONGLY ROOTED, WEED AND DISEASE/PEST FREE WITH A UNIFORM THICKNESS.
- D. MULCH THE MULCH AROUND THE PERIMETER OF THE BUILDING SHALL BE A 3" LAYER OF DOUBLE SHREDDED BLACK CEDAR MULCH ONLY. ALL OTHER AREAS SHALL BE MULCHED WITH A 3" LAYER OF DOUBLE SHREDDED DARK BROWN HARDWOOD BARK MULCH, UNLESS OTHERWISE STATED ON THE LANDSCAPE PLAN.

1.3. SOD INSTALLED ON SLOPES GREATER THAN 4:1 SHALL BE PEGGED TO HOLD SOD IN PLACE.

E. FERTILIZER

- 1.1. FERTILIZER SHALL BE DELIVERED TO THE SITE MIXED AS SPECIFIED IN THE ORIGINAL UNOPENED STANDARD BAGS SHOWING WEIGHT, ANALYSIS AND NAME OF MANUFACTURER. FERTILIZER SHALL BE STORED IN A WEATHERPROOF PLACE SO THAT IT CAN BE KEPT DRY PRIOR TO USE
- 1.2. FOR THE PURPOSE OF BIDDING, ASSUME THAT FERTILIZER SHALL BE 10% NITROGEN, 6% PHOSPHORUS AND 4% POTASSIUM BY WEIGHT. A FERTILIZER SHOULD NOT BE SELECTED WITHOUT A SOIL TEST PERFORMED BY A CERTIFIED SOIL LABORATORY.

F. PLANT MATERIAL.

- 1.1. ALL PLANTS SHALL IN ALL CASES CONFORM TO THE REQUIREMENTS OF THE "AMERICAN STANDARD FOR NURSERY STOCK" (ANSI Z60.1), LATEST EDITION, AS PUBLISHED BY THE AMERICAN NURSERY & LANDSCAPE ASSOCIATION
- 1.2. IN ALL CASES, BOTANICAL NAMES SHALL TAKE PRECEDENCE OVER COMMON NAMES FOR ANY AND ALL
- 1.3. PLANTS SHALL BE LEGIBLY TAGGED WITH THE PROPER NAME AND SIZE. TAGS ARE TO REMAIN ON AT LEAST
- ONE PLANT OF EACH SPECIES FOR VERIFICATION PURPOSES DURING THE FINAL INSPECTION. 1.4. TREES WITH ABRASION OF THE BARK, SUN SCALDS. DISFIGURATION OR FRESH CUTS OF LIMBS OVER 11/4", WHICH HAVE NOT BEEN COMPLETELY CALLUSED, SHALL BE REJECTED, PLANTS SHALL NOT BE BOUND WITH WIRE OR ROPE AT ANY TIME SO AS TO DAMAGE THE BARK OR BREAK BRANCHES.
- 1.5. ALL PLANTS SHALL BE TYPICAL OF THEIR SPECIES OR VARIETY AND SHALL HAVE A NORMAL HABIT OF GROWTH: WELL DEVELOPED BRANCHES, DENSELY FOLIATED, VIGOROUS ROOT SYSTEMS AND BE FREE OF DISEASE INSECTS PESTS EGGS OR LARVAE 1.6. CALIPER MEASUREMENTS OF NURSERY GROWN TREES SHALL BE TAKEN AT A POINT ON THE TRUNK SIX
- INCHES (6") ABOVE THE NATURAL GRADE FOR TREES UP TO AND INCLUDING A FOUR INCH (4") CALIPER SIZE. IF THE CALIPER AT SIX INCHES (6") ABOVE THE GROUND EXCEEDS FOUR INCHES (4") IN CALIPER, THE CALIPER SHOULD BE MEASURED AT A POINT 12" ABOVE THE NATURAL GRADE
- 1.7. SHRUBS SHALL BE MEASURED TO THE AVERAGE HEIGHT OR SPREAD OF THE SHRUB, AND NOT TO THE
- 1.8. TREES AND SHRUBS SHALL BE HANDLED WITH CARE BY THE ROOT BALL.

A. CONTRACTOR TO UTILIZE WORKMANLIKE INDUSTRY STANDARDS IN PERFORMING ALL LANDSCAPE CONSTRUCTION. THE SITE IS TO BE LEFT IN A CLEAN STATE AT THE END OF EACH WORKDAY. ALL DEBRIS, MATERIALS AND TOOLS SHALL BE PROPERLY STORED, STOCKPILED OR DISPOSED OF.

B. WASTE MATERIALS AND DEBRIS SHALL BE COMPLETELY DISPOSED OF AT THE CONTRACTOR'S EXPENSE. DEBRIS SHALL NOT BE BURIED, INCLUDING ORGANIC MATERIALS, BUT SHALL BE REMOVED COMPLETELY FROM THE SITE.

A. BEFORE AND DURING PRELIMINARY GRADING AND FINISHED GRADING, ALL WEEDS AND GRASSES SHALL BE DUG OUT BY THE ROOTS AND DISPOSED OF IN ACCORDANCE WITH GENERAL WORK PROCEDURES OUTLINED HEREIN.

- B. ALL EXISTING TREES TO REMAIN SHALL BE PRUNED TO REMOVE ANY DAMAGED BRANCHES. THE ENTIRE LIMB OF ANY DAMAGED BRANCH SHALL BE CUT OFF AT THE TRUNK. CONTRACTOR SHALL ENSURE THAT CUTS ARE SMOOTH AND STRAIGHT. ANY EXPOSED ROOTS SHALL BE CUT BACK WITH CLEAN, SHARP TOOLS AND TOPSOIL SHALL BE PLACED AROUND THE REMAINDER OF THE ROOTS. EXISTING TREES SHALL BE MONITORED ON A REGULAR BASIS FOR ADDITIONAL ROOT OR BRANCH DAMAGE AS A RESULT OF CONSTRUCTION. ROOTS SHALL NOT BE LEFT EXPOSED FOR MORE THAN ONE (1) DAY. CONTRACTOR SHALL WATER EXISTING TREES AS NEEDED TO PREVENT SHOCK OR DECLINE.
- C. CONTRACTOR SHALL ARRANGE TO HAVE A UTILITY STAKE-OUT TO LOCATE ALL UNDERGROUND UTILITIES PRIOR TO INSTALLATION OF ANY LANDSCAPE MATERIAL. UTILITY COMPANIES SHALL BE CONTACTED THREE (3) DAYS PRIOR TO THE BEGINNING OF WORK.

- A. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING TREES TO REMAIN. A TREE PROTECTION ZONE SHALL BE ESTABLISHED AT THE DRIP LINE OR 15 FEET FROM THE TRUNK OR AT THE LIMIT OF CONSTRUCTION DISTURBANCE, WHICHEVER IS GREATER. LOCAL STANDARDS THAT MAY REQUIRE A MORE STRICT TREE PROTECTION ZONE SHALL BE HONORED.
- B: A FORTY-EIGHT INCH (48") HIGH WOODEN SNOW FENCE OR ORANGE COLORED HIGH-DENSITY 'VISI-FENCE' OR APPROVED EQUAL, MOUNTED ON STEEL POSTS SHALL BE PLACED ALONG THE BOUNDARY OF THE TREE PROTECTION ZONE. POSTS SHALL BE LOCATED AT A MAXIMUM OF EIGHT FEET (8') ON CENTER OR AS INDICATED WITHIN THE TREE PROTECTION DETAIL.
- C. WHEN THE TREE PROTECTION FENCING HAS BEEN INSTALLED, IT SHALL BE INSPECTED BY THE APPROVING AGENCY PRIOR TO DEMOLITION, GRADING, TREE CLEARING OR ANY OTHER CONSTRUCTION. THE FENCING ALONG THE TREE PROTECTION ZONE SHALL BE REGULARLY INSPECTED BY THE LANDSCAPE CONTRACTOR AND MAINTAINED UNTIL ALL CONSTRUCTION ACTIVITY HAS BEEN COMPLETED.
- D. AT NO TIME SHALL MACHINERY, DEBRIS, FALLEN TREES OR OTHER MATERIALS BE PLACED, STOCKPILED OR LEFT STANDING IN THE TREE PROTECTION ZONE

6. SOIL MODIFICATIONS

- A. CONTRACTOR SHALL ATTAIN A SOIL TEST FOR ALL AREAS OF THE SITE PRIOR TO CONDUCTING ANY PLANTING. SOIL TESTS SHALL BE PERFORMED BY A CERTIFIED SOIL LABORATORY.
- B. LANDSCAPE CONTRACTOR SHALL REPORT ANY SOIL OR DRAINAGE CONDITIONS CONSIDERED DETRIMENTAL TO THE GROWTH OF PLANT MATERIAL. SOIL MODIFICATIONS, AS SPECIFIED HEREIN, MAY NEED TO BE CONDUCTED BY THE LANDSCAPE CONTRACTOR DEPENDING ON SITE CONDITIONS.
- C. THE FOLLOWING AMENDMENTS AND QUANTITIES ARE APPROXIMATE AND ARE FOR BIDDING PURPOSES ONLY. COMPOSITION OF AMENDMENTS SHOULD BE REVISED DEPENDING ON THE OUTCOME OF A TOPSOIL ANALYSIS PERFORMED BY A CERTIFIED SOIL LABORATORY 1.1. TO INCREASE A SANDY SOIL'S ABILITY TO RETAIN WATER AND NUTRIENTS, THOROUGHLY TILL ORGANIC
- MATTER INTO THE TOP 6-12". USE COMPOSTED BARK, COMPOSTED LEAF MULCH OR PEAT MOSS. ALL PRODUCTS SHOULD BE COMPOSTED TO A DARK COLOR AND BE FREE OF PIECES WITH IDENTIFIABLE LEAF OR WOOD STRUCTURE. AVOID MATERIAL WITH A PH HIGHER THAN 7.5. 1.2. TO INCREASE DRAINAGE, MODIFY HEAVY CLAY OR SILT (MORE THAN 40% CLAY OR SILT) BY ADDING
- COMPOSTED PINE BARK (UP TO 30% BY VOLUME) AND/OR AGRICULTURAL GYPSUM. COÁRSE SAND MAY BE USED IF ENOUGH IS ADDED TO BRING THE SAND CONTENT TO MORE THAN 60% OF THE TOTAL MIX. SUBSURFACE DRAINAGE LINES MAY NEED TO BE ADDED TO INCREASE DRAINAGE.
- 1.3. MODIFY EXTREMELY SANDY SOILS (MORE THAN 85%) BY ADDING ORGANIC MATTER AND/OR DRY, SHREDDED CLAY LOAM UP TO 30% OF THE TOTAL MIX.

FINISHED GRADING

- A. UNLESS OTHERWISE CONTRACTED, THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF TOPSOIL AND THE ESTABLISHMENT OF FINE-GRADING WITHIN THE DISTURBANCE AREA OF THE
- B. LANDSCAPE CONTRACTOR SHALL VERIEV THAT SUBGRADE FOR INSTALLATION OF TOPSOIL HAS BEEN ESTABLISHED. THE SUBGRADE OF THE SITE MUST MEET THE FINISHED GRADE LESS THE REQUIRED TOPSOIL
- C. ALL LAWN AND PLANTING AREAS SHALL BE GRADED TO A SMOOTH, EVEN AND UNIFORM PLANE WITH NO ABRUPT CHANGE OF SURFACE AS DEPICTED WITHIN THIS SET OF CONSTRUCTION PLANS, UNLESS OTHERWISE DIRECTED BY THE PROJECT ENGINEER OR LANDSCAPE ARCHITECT.
- D. ALL PLANTING AREAS SHALL BE GRADED AND MAINTAINED TO ALLOW FREE FLOW OF SURFACE WATER IN AND AROUND THE PLANTING BEDS. STANDING WATER SHALL NOT BE PERMITTED IN PLANTING BEDS.

- A. CONTRACTOR SHALL PROVIDE A SIX INCH (6") THICK MINIMUM LAYER OF TOPSOIL, OR AS DIRECTED BY THE LOCAL ORDINANCE OR CLIENT, IN ALL PLANTING AREAS. TOPSOIL SHOULD BE SPREAD OVER A PREPARED SURFACE IN A UNIFORM LAYER TO ACHIEVE THE DESIRED COMPACTED THICKNESS.
- B. ON-SITE TOPSOIL MAY BE USED TO SUPPLEMENT THE TOTAL AMOUNT REQUIRED. TOPSOIL FROM THE SITE MAY BE REJECTED IF IT HAS NOT BEEN PROPERLY REMOVED, STORED AND PROTECTED PRIOR TO CONSTRUCTION.
- C. CONTRACTOR SHALL FURNISH TO THE APPROVING AGENCY AN ANALYSIS OF BOTH IMPORTED AND ON-SITE TOPSOIL TO BE UTILIZED IN ALL PLANTING AREAS: THE PH AND NUTRIENT LEVELS MAY NEED TO BE ADJUSTED THROUGH SOIL MODIFICATIONS AS NEEDED TO ACHIEVE THE REQUIRED LEVELS AS SPECIFIED IN THE MATERIALS SECTION ABOVE.
- D. ALL PLANTING AND LAWN AREAS ARE TO BE CULTIVATED TO A DEPTH OF SIX INCHES (6"). ALL DEBRIS EXPOSED FROM EXCAVATION AND CULTIVATION SHALL BE DISPOSED OF IN ACCORDANCE WITH GENERAL WORK PROCEDURES SECTION ABOVE. THE FOLLOWING SHALL BE TILLED INTO THE TOP FOUR INCHES (4") IN TWO DIRECTIONS (QUANTITIES BASED ON A 1,000 SQUARE FOOT AREA): 1.1. 20 POUNDS 'GROW POWER' OR APPROVED EQUAL
- E. THE SPREADING OF TOPSOIL SHALL NOT BE CONDUCTED UNDER MUDDY OR FROZEN CONDITIONS.

1.2. 20 POUNDS NITRO-FORM (COURSE) 38-0-0 BLUE CHIP

- A. INSOFAR THAT IT IS FEASIBLE, PLANT MATERIAL SHALL BE PLANTED ON THE DAY OF DELIVERY. IN THE EVENT THAT THIS IS NOT POSSIBLE, LANDSCAPE CONTRACTOR SHALL PROTECT UNINSTALLED PLANT MATERIAL. PLANTS SHALL NOT REMAIN UNPLANTED FOR LONGER THAN A THREE DAY PERIOD AFTER DELIVERY. PLANTS THAT WILL NOT BE PLANTED FOR A PERIOD OF TIME GREATER THAN THREE DAYS SHALL BE HEALED IN WITH TOPSOIL OR MULCH TO HELP PRESERVE ROOT MOISTURE.
- B. PLANTING OPERATIONS SHALL BE PERFORMED DURING PERIODS WITHIN THE PLANTING SEASON WHEN WEATHER AND SOIL CONDITIONS ARE SUITABLE AND IN ACCORDANCE WITH ACCEPTED LOCAL PRACTICE. PLANTS SHALL NOT BE INSTALLED IN TOPSOIL THAT IS IN A MUDDY OR FROZEN CONDITION.
- C. ANY INJURED ROOTS OR BRANCHES SHALL BE PRUNED TO MAKE CLEAN-CUT ENDS PRIOR TO PLANTING UTILIZING CLEAN, SHARP TOOLS. ONLY INJURED OR DISEASED BRANCHING SHALL BE REMOVED.
- D. ALL PLANTING CONTAINERS AND NON-BIODEGRADABLE MATERIALS SHALL BE REMOVED FROM ROOT BALLS DURING PLANTING. NATURAL FIBER BURLAP MUST BE CUT FROM AROUND THE TRUNK OF THE TREE AND FOLDED DOWN AGAINST THE ROOT BALL PRIOR TO BACKFILLING.
- E. POSITION TREES AND SHRUBS AT THEIR INTENDED LOCATIONS AS PER THE PLANS AND SECURE THE APPROVAL OF THE LANDSCAPE ARCHITECT PRIOR TO EXCAVATING PITS. MAKING NECESSARY ADJUSTMENTS AS DIRECTED.
- F. PRIOR TO THE ISSUANCE OF ANY CERTIFICATE OF OCCUPANCY, THE PROPOSED LANDSCAPE, AS SHOWN ON THE APPROVED LANDSCAPE PLAN, MUST BE INSTALLED, INSPECTED AND APPROVED BY THE APPROVING AGENCY. THE APPROVING AGENCY SHALL TAKE INTO ACCOUNT SEASONAL CONSIDERATIONS IN THIS REGARD AS FOLLOWS. THE PLANTING OF TREES, SHRUBS, VINES OR GROUND COVER SHALL OCCUR ONLY DURING THE FOLLOWING PLANTING SEASONS:
- 1.1. PLANTS: MARCH 15 TO DECEMBER 15
- 1,2. LAWN: MARCH 15 TO JUNE 15 OR SEPT. 1 TO DECEMBER 1 G. PLANTINGS REQUIRED FOR A CERTIFICATE OF OCCUPANCY SHALL BE PROVIDED DURING THE NEXT
- APPROPRIATE SEASON AT THE MUNICIPALITY'S DISCRETION. CONTRACTOR SHOULD CONTACT APPROVING
- H. FURTHERMORE, THE FOLLOWING TREE VARIETIES ARE UNUSUALLY SUSCEPTIBLE TO WINTER DAMAGE. WITH TRANSPLANT SHOCK AND THE SEASONAL LACK OF NITROGEN AVAILABILITY, THE RISK OF PLANT DEATH IS GREATLY INCREASED. IT IS NOT RECOMMENDED THAT THESE SPECIES BE PLANTED DURING THE FALL PLANTING SEASON: PLATANUS X ACERIFOLIA ACER RUBRUM
- BETULA VARIETIES POPULOUS VARIETIES CARPINUS VARIETIES PRUNUS VARIETIES PYRUS VARIETIES CRATAEGUS VARIETIES KOELREUTERIA QUERCUS VARIETIES LIQUIDAMBER STYRACIFLUA TILIA TOMENTOSA LIRIODENDRON TULIPIFERA ZELKOVA VARIETIES
- PLANTING PITS SHALL BE DUG WITH LEVEL BOTTOMS. WITH THE WIDTH TWICE THE DIAMETER OF ROOT BALL. THE ROOT BALL SHALL REST ON UNDISTURBED GRADE. EACH PLANT PIT SHALL BE BACKFILLED IN LAYERS WITH THE FOLLOWING PREPARED SOIL MIXED THOROUGHLY:
- 1 PART COMPOSTED COW MANURE BY VOLUME
- 3 PARTS TOPSOIL BY VOLUME • 21 GRAMS 'AGRIFORM' PLANTING TABLETS (OR APPROVED EQUAL) AS FOLLOWS:
- A) 2 TABLETS PER 1 GALLON PLANT B) 3 TABLETS PER 5 GALLON PLANT C) 4 TABLETS PER 15 GALLON PLANT
- D) LARGER PLANTS: 2 TABLETS PER 1/2" CALIPER OF TRUNK
- J. FILL PREPARED SOIL AROUND BALL OF PLANT HALF-WAY AND INSERT PLANT TABLETS. COMPLETE BACKFILL AND
- K. ALL PLANTS SHALL BE PLANTED SO THAT THE TOP OF THE ROOT BALL, THE POINT AT WHICH THE ROOT FLARE BEGINS, IS SET AT GROUND LEVEL AND IN THE CENTER OF THE PIT. NO SOIL IS TO BE PLACED DIRECTLY ON TOP
- L. ALL PROPOSED TREES DIRECTLY ADJACENT TO WALKWAYS OR DRIVEWAYS SHALL BE PRUNED AND MAINTAINED TO A MINIMUM BRANCHING HEIGHT OF 7' FROM GRADE.
- M. GROUND COVER AREAS SHALL RECEIVE A 1/4" LAYER OF HUMUS RAKED INTO THE TOP 1" OF PREPARED SOIL PRIOR TO PLANTING. ALL GROUND COVER AREAS SHALL BE WEEDED AND TREATED WITH A PRE-EMERGENT CHEMICAL AS PER MANUFACTURER'S RECOMMENDATION.
- N. NO PLANT, EXCEPT GROUND COVERS, GRASSES OR VINES, SHALL BE PLANTED LESS THAN TWO FEET (2') FROM EXISTING STRUCTURES AND SIDEWALKS
- O. ALL PLANTING AREAS AND PLANTING PITS SHALL BE MULCHED AS SPECIFIED HEREIN TO FILL THE ENTIRE BED.
- P. ALL PLANTING AREAS SHALL BE WATERED IMMEDIATELY UPON INSTALLATION IN ACCORDANCE WITH THE

WATERING SPECIFICATIONS AS LISTED HEREIN.

- A. ALL TRANSPLANTS SHALL BE DUG WITH INTACT ROOT BALLS CAPABLE OF SUSTAINING THE PLANT,
- B. IF PLANTS ARE TO BE STOCKPILED BEFORE REPLANTING, THEY SHALL BE HEALED IN WITH MULCH OR SOIL, ADEQUATELY WATERED AND PROTECTED FROM EXTREME HEAT, SUN AND WIND.
- C. PLANTS SHALL NOT BE DUG FOR TRANSPLANTING BETWEEN APRIL 10 AND JUNE 30.

AREA OR SAUCER. NO MULCH IS TO TOUCH THE TRUNK OF THE TREE OR SHRUB.

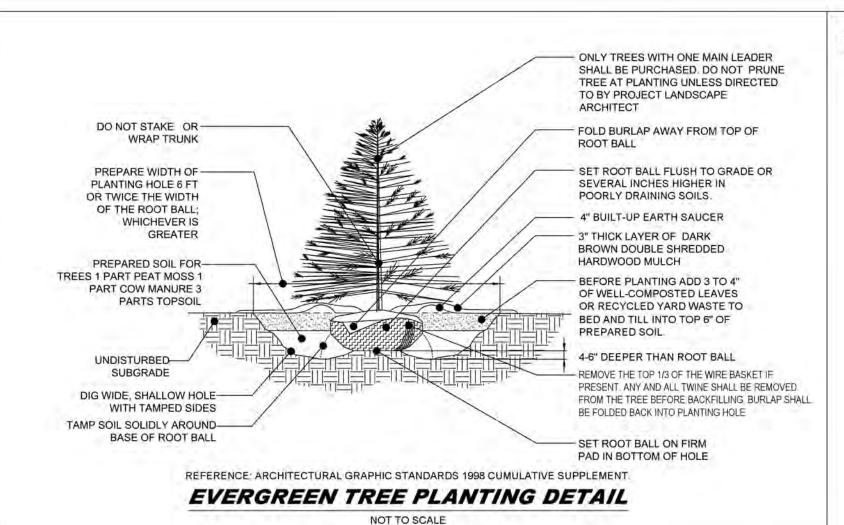
- D. UPON REPLANTING, BACKFILL SOIL SHALL BE AMENDED WITH FERTILIZER AND ROOT GROWTH HORMONE
- E. TRANSPLANTS SHALL BE GUARANTEED FOR THE LENGTH OF THE GUARANTEE PERIOD SPECIFIED HEREIN.
- F. IF TRANSPLANTS DIE, SHRUBS AND TREES LESS THAN SIX INCHES (6") DBH SHALL BE REPLACED IN KIND. TREES GREATER THAN SIX INCHES (6") DBH MAY BE REQUIRED TO BE REPLACED IN ACCORDANCE WITH THE MUNICIPALITY'S TREE REPLACEMENT GUIDELINES.

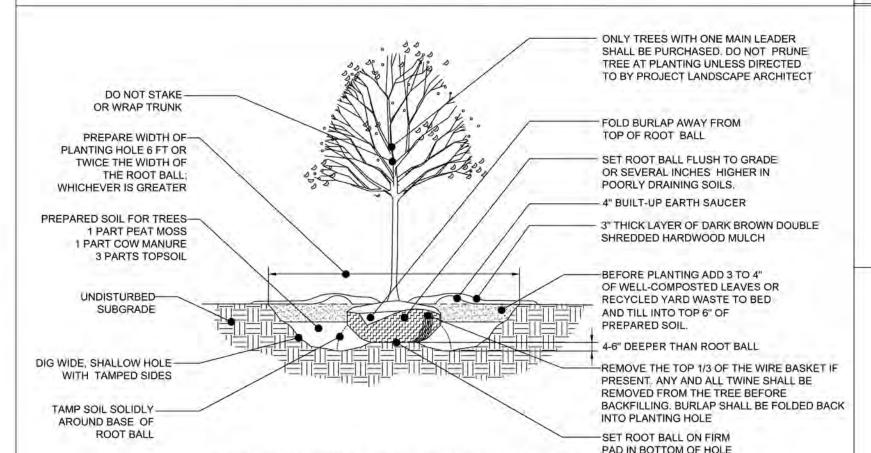
- A. NEW PLANTINGS OR LAWN AREAS SHALL BE ADEQUATELY IRRIGATED BEGINNING IMMEDIATELY AFTER PLANTING. WATER SHALL BE APPLIED TO EACH TREE AND SHRUB IN SUCH MANNER AS NOT TO DISTURB BACKFILL AND TO THE EXTENT THAT ALL MATERIALS IN THE PLANTING HOLE ARE THOROUGHLY SATURATED. WATERING SHALL CONTINUE AT LEAST UNTIL PLANTS ARE ESTABLISHED.
- B. SITE OWNER SHALL PROVIDE WATER IF AVAILABLE ON SITE AT TIME OF PLANTING. IF WATER IS NOT AVAILABLE ON SITE, CONTRACTOR SHALL SUPPLY ALL NECESSARY WATER. THE USE OF WATERING BAGS IS RECOMMENDED
- C. IF AN IRRIGATION SYSTEM HAS BEEN INSTALLED ON THE SITE, IT SHALL BE USED TO WATER PROPOSED PLANT MATERIAL, BUT ANY FAILURE OF THE SYSTEM DOES NOT ELIMINATE THE CONTRACTOR'S RESPONSIBILITY OF MAINTAINING THE DESIRED MOISTURE LEVEL FOR VIGOROUS, HEALTHY GROWTH.

- A. THE LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL PLANTS FOR A PERIOD OF ONE (1) YEAR FROM APPROVAL OF LANDSCAPE INSTALLATION BY THE APPROVING AGENCY. CONTRACTOR SHALL SUPPLY THE OWNER WITH A MAINTENANCE BOND FOR TEN PERCENT (10%) OF THE VALUE OF THE LANDSCAPE INSTALLATION WHICH WILL BE RELEASED AT THE CONCLUSION OF THE GUARANTEE PERIOD AND WHEN A FINAL INSPECTION HAS BEEN COMPLETED AND APPROVED BY THE OWNER OR AUTHORIZED REPRESENTATIVE.
- B. ANY DEAD OR DYING PLANT MATERIAL SHALL BE REPLACED FOR THE LENGTH OF THE GUARANTEE PERIOD. REPLACEMENT OF PLANT MATERIAL SHALL BE CONDUCTED AT THE FIRST SUCCEEDING PLANTING SEASON. ANY DEBRIS SHALL BE DISPOSED OF OFF-SITE, WITHOUT EXCEPTION
- C. TREES AND SHRUBS SHALL BE MAINTAINED BY THE CONTRACTOR DURING CONSTRUCTION AND THROUGHOUT THE 90 DAY MAINTENANCE PERIOD AS SPECIFIED HEREIN. CULTIVATION, WEEDING, WATERING AND THE PREVENTATIVE TREATMENTS SHALL BE PERFORMED AS NECESSARY TO KEEP PLANT MATERIAL IN GOOD CONDITION AND FREE OF INSECTS AND DISEASE.
- D. LAWNS SHALL BE MAINTAINED THROUGH WATERING, FERTILIZING, WEEDING, MOWING, TRIMMING AND OTHER OPERATIONS SUCH AS ROLLING, REGARDING AND REPLANTING AS REQUIRED TO ESTABLISH A SMOOTH, ACCEPTABLE LAWN, FREE OF ERODED OR BARE AREAS.

UPON THE COMPLETION OF ALL LANDSCAPE INSTALLATION AND BEFORE THE FINAL ACCEPTANCE, THE CONTRACTOR SHALL REMOVE ALL UNUSED MATERIALS, EQUIPMENT AND DEBRIS FROM THE SITE. ALL PAVED

B. THE SITE SHALL BE CLEANED AND LEFT IN A NEAT AND ACCEPTABLE CONDITION AS APPROVED BY THE OWNER OR AUTHORIZED REPRESENTATIVE.

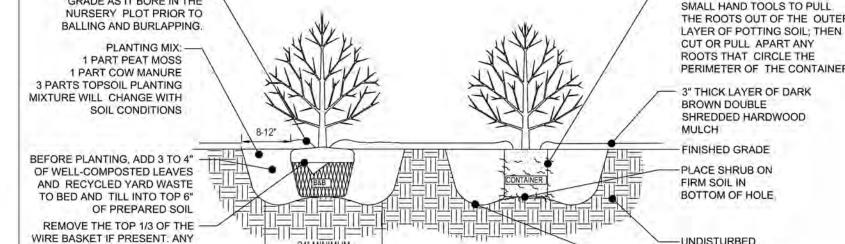




REFERENCE: ARCHITECTURAL GRAPHIC STANDARDS 1998 CUMULATIVE SUPPLEMENT. **DECIDUOUS TREE PLANTING DETAIL**

NOT TO SCALE





24° MINIMUM

AND ALL TWINE SHALL BE

PLANTING HOLE

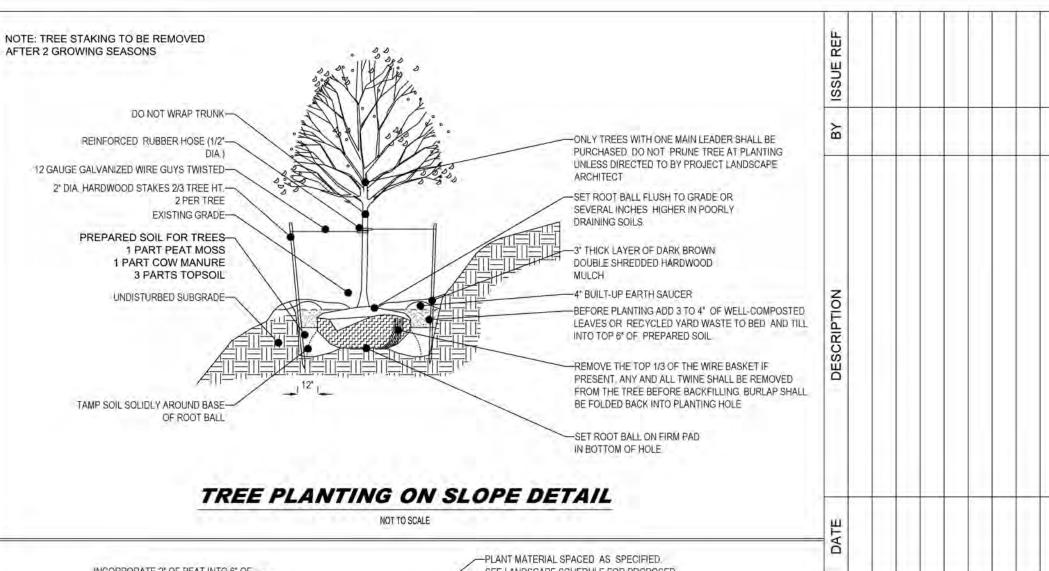
REMOVED FROM THE SHRUB

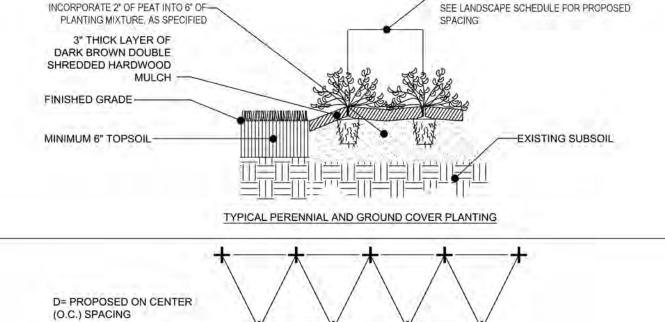
BEFORE BACKFILLING, BURLAP

SHALL BE FOLDED BACK INTO

REFERENCE: ARCHITECTURAL GRAPHIC STANDARDS 1998 CUMULATIVE SUPPLEMENT **DECIDUOUS AND EVERGREEN** SHRUB PLANTING DETAIL

NOT TO SCALE





TYPICAL PERENNIAL AND GROUND COVER SPACING & LAYOUT PERENNIAL/GROUND COVER PLANTING DETAIL

NOT TO SCALE

SEEDING SPECIFICATIONS

- PRIOR TO SEEDING, AREA IS TO BE TOPSOILED, FINE GRADED, AND RAKED OF ALL DEBRIS LARGER THAN 2" DIAMETER.
- PRIOR TO SEEDING, CONSULT MANUFACTURER'S RECOMMENDATIONS AND INSTRUCTIONS.
- SEEDING RATES PERENNIAL RYEGRASS KENTUCKY BLUEGRASS RED FESCUE

SEE LANDSCAPE SCHEDULE

FOR FOR REQUIRED SPACING

- 1/2 LB/1,000 SQ FT 1 LB/1.000 SQ FT 1 1/2 LBS/1,000 SQ FT SPREADING FESCUE 1 1/2 LBS/1,000 SQ FT FERTILIZER (20:10:10) 14 LBS/1,000 SQ FT 90 LBS/1,000 SQ F
- GERMINATION RATES WILL VARY AS TO TIME OF YEAR FOR SOWING. CONTRACTOR TO IRRIGATE SEEDED AREA UNTIL AN ACCEPTABLE STAND OF COVER IS ESTABLISHED BY OWNER.

OWNER MAINTENANCE RESPONSIBILITIES

JPON OWNER'S (OR OWNER CONTRACTOR'S) COMPLETION OF LANDSCAPING WORK, THE OWNER IS FULLY RESPONSIBLE FOR ALL FUTURE MAINTENANCE, CARE, UPKEEP, WATERING, AND TRIMMING OF AL NSTALLED VEGETATION, PLANTS, TREE, BUSHES, SHRUBS, GRASSES, GRASS, ORNAMENTAL PLANTS AND FLOWERS, FLOWERS, GROUND COVER, AND LANDSCAPING, INCLUDING ALL LANDSCAPE ISLANDS AND AREAS ADJACENT OR PART OF THE LANDSCAPED AREAS. THIS RESPONSIBILITY INCLUDES, BUT IS NOT LIMITED TO. THE FOLLOWING:

- TREES ADJACENT TO WALKWAYS AND AREAS OF PEDESTRIAN TRAFFIC MUST BE MAINTAINED TO ASSURE THAT ANY BRANCHES MUST BE LIMBED UP TO A CLEARANCE HEIGHT OF 7 FT. (FROM ALL PEDESTRIAN SURFACES) OR PRUNED BACK TO AVOID ANY INTERFERENCE WITH THE TYPICAL PATH
- TREES WITHIN VEHICULAR SIGHT LINES, AS ILLUSTRATED ON THE LANDSCAPE PLAN, ARE TO BE TRIMMED TO A CLEARANCE HEIGHT OF 7 FT. (FROM ALL PAVED, TRAVELED SURFACES), OR AS OTHERWISE INDICATED ON THE PLANS
- VEGETATIVE GROUND COVER, SHRUBS AND ORNAMENTAL PLANTS AND GRASSES MUST BE TRIMMED SO THAT NO PORTION OF THE PLANT EXCEEDS 30 INCHES ABOVE GRADE (OF ALL PAVED, TRAVEL SURFACES) ALONG AND WITHIN THE SIGHT LINES OF PARKING LOTS AND INGRESS-EGRESS WAYS.
- FALLEN PLANT FLOWERS, FRUIT, SEEDS AND DEBRIS DROPPINGS ARE TO BE REMOVED IMMEDIATELY FROM VEHICULAR AND PEDESTRIAN TRAFFIC AREAS TO PREVENT TRIPPING, SLIPPING OR ANY

THESE REQUIREMENTS DO NOT AFFECT THE PLANT LIFE GUARANTEES THE LANDSCAPE CONTRACTOR IS REQUIRED TO PROVIDE

> PLAN SCALE: AS NOTED STREET ADDRESS **EAST STREET** LOT NUMBER STATUS PRELIMINARY COUNTY STATE PLAN CHECKED CAMDEN KENT COUNTY DE AS-BUILT

DATE BY

02/18/20 JSW

02/18/20 ANM

BohlerEngineering.com



KING COMMERCIAL DEVELOPMENT REGIONAL DWG. NO PLAN DESCRIPTION LANDSCAPE NOTES DE190053 AND DETAILS

CAD FILE: DE190053-PSP-0

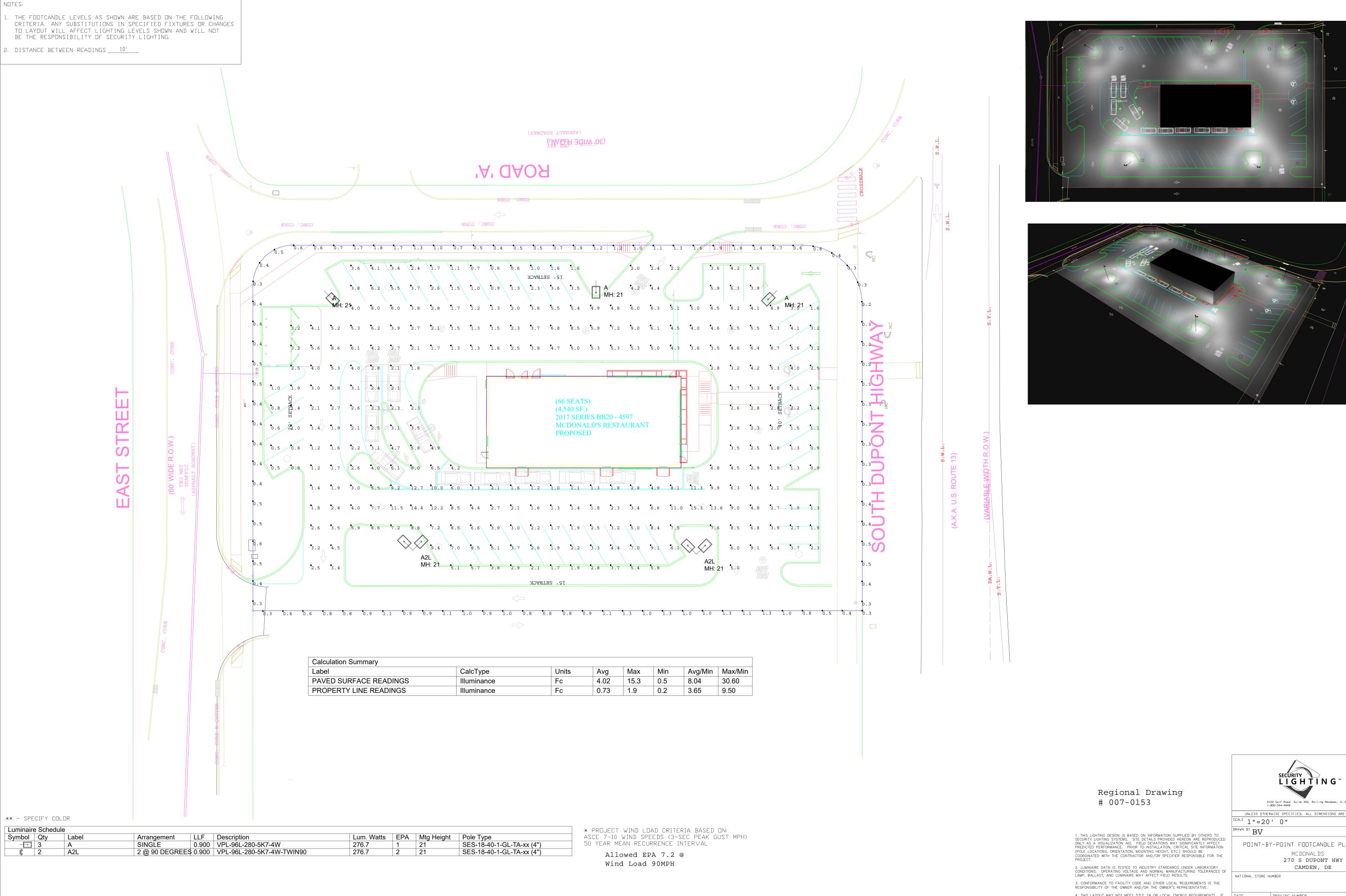
SITE IMPROVEMENT PLANS

BOHLER / 18958 COASTAL HWY, SUITE D REHOBOTH BEACH, DE 19971 Phone: (302) 644-1155 Fax: (302) 703-3173

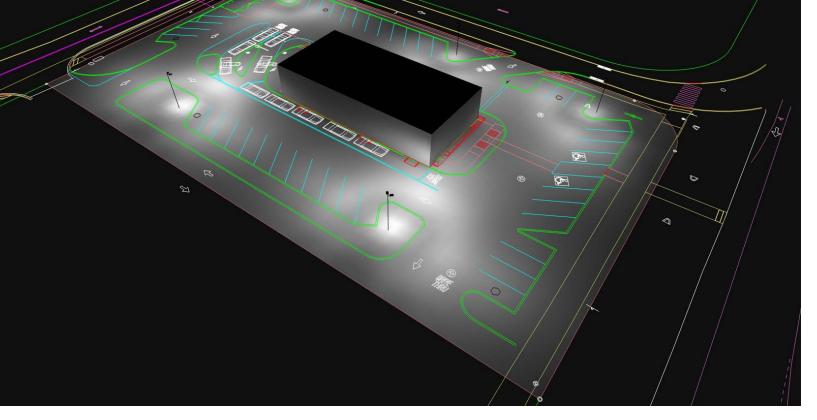
SUBGRADE

SOIL SURFACE ROUGHENED

TO BIND WITH NEW SOIL







4. THIS LAYOUT MAY NOT MEET TITLE 24 OR LOCAL ENERGY REQUIREMENTS. IF THIS LAYOUT NEEDS TO E COMPLIANT WITH TITLE 24 OR OTHER ENERGY REQUIREMENTS, PLEASE CONSULT FACTORY WITH SPECIFIC DETAILS REGARDING PROJECT REQUIREMENTS SO THAT REVISIONS MAY BE MADE TO THE DRAWING.



2100 Golf Road, Suite 460, Rolling Meadows, IL 60008 1-800-544-4848

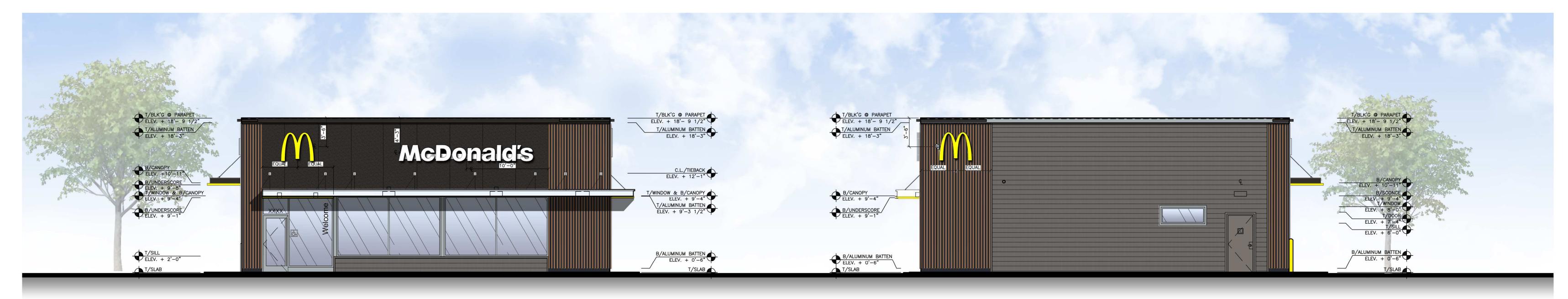
UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES

PDINT-BY-PDINT FOOTCANDLE PLOT FOR MCDONALDS

DRAWING NUMBER 2/15/2020 | SL2002026.AGI







Front Elevation Rear Elevation



Non-Drive-Thru Side Elevation





SCHEME: STEEL

