

MAYOR
CAROLINE SIMMONS
LAND USE BUREAU CHIEF
RALPH BLESSING



ZONING BOARD OF APPEALS
(203) 977-4160

Chair
Joseph Pigott

CITY OF STAMFORD, CONNECTICUT
STAMFORD GOVERNMENT CENTER
888 WASHINGTON BOULEVARD
P.O. BOX 10152
STAMFORD, CT 06904 - 2152

RECEIVED

DATE: May 6, 2025
TO: L. Cohen, Planning Board ✓

MAY 6 2025

PLANNING BOARD

FROM: Zoning Board of Appeals
RE: Referrals

In accordance with the Section 19 of the Zoning Regulations, the following applications and maps are being referred to your agency for comments:

~~#011-25-----25 Carroll Street~~

~~#012-25-----31 Hobson Street~~

#013-25 1103 East Main Street

Please respond by June 6, 2025.

4. List all structures and uses presently existing on the affected property:

The Site contains an existing two-story masonry building for a McDonald's fast food restaurant with
drive-through facility.

5. Describe in detail the proposed use and give pertinent linear and area dimensions:

The existing restaurant building will remain and the Applicant proposes the addition of a second
drive-thru lane with associated signage and site improvements.

VARIANCES (complete this section for variance requests only) See a Zoning Enforcement Officer for help in completing this section

Variance(s) of the following section(s) of the Zoning Regulations is requested
(provide detail of what is sought per the applicable section(s) of the Zoning Regulations):

Variance of Sec. ~~XXX~~ **11.F** to permit a springboard canopy, a digital pre-browse menu board of approx.

10 SF, and an outdoor digital menu board of approx. 21 SF along the second drive-through lane;

Variance of Sec. 12.D.10.b to reduce the off-street parking requirement for a drive-through fast

food restaurant from the existing Sixty-one (61) to Thirty-seven (37) spaces; and a modification of

a prior zoning approval, which was conditioned as being approved per plans, to modify the Site

Plan to install a second drive-through lan, a springboard canopy, a digital pre-browse menu board

and an outdoor digital menu board. Variance of Sec. 10.B.1 to enlarge an existing nonconforming

drive-through facility.

DO NOT WRITE ON BACK OF PAGE

Variances of the Zoning Regulations **may** be granted where there is unusual hardship in the way of carrying out the strict letter of the Regulations solely with respect to a parcel of land where conditions especially affect such parcel but do not affect generally the district in which it is situated. In your own words:

A. Describe the unusual hardship in being unable to carry out the strict letter of the Zoning Regulations:

See attached.

B. Explain why the variance(s) is/are the minimum necessary to afford relief:

See attached.

C. Explain why granting of the variance(s) would not be injurious to the neighborhood.

See attached.

SPECIAL PERMIT

(Complete this section **only** for special permits)

SPECIAL PERMIT is requested as authorized by Section(s) _____ of the Zoning Regulations.

Provide details of what is being sought:

SIGNATURE REQUIRED FOR ALL APPLICATIONS

Signature of: Agent () Applicant () Owner

Date Filed: _____

4/30/2025

Zoning Enforcement Officer Comments:

DECISION OF THE ZONING ENFORCEMENT OFFICER

(Complete this section **only** for appeals of zoning enforcement officer decision:

DECISION OF THE ZONING ENFORCEMENT OFFICER dated _____ is appealed because:

DO NOT WRITE ON BACK OF PAGE



CITY OF STAMFORD
ZONING BOARD OF APPEALS

APPLICATION PACKET

Board Members
Joseph Pigott, Chair
Lauren Jacobson
George Dallas

Alternate
Ernest Matarasso
Matthew Tripolitsiotis
Jeremiah Hourihan

ALL APPLICANTS MUST MAKE AN APPOINTMENT WITH THE ZONING ENFORCEMENT OFFICE FOR PLAN REVIEW OF ZBA APPLICATIONS AT LEAST TWO WEEKS PRIOR TO THE APPLICATION DEADLINE.

Zoning Enforcement:  Date: 5/6/2015

Is the project situated in the coastal boundary? Yes () No ()

Is the project exempt from the coastal regulation?
Yes () Exemption # _____ No () N/A ()

Environmental Protection: _____ Date: _____

CAM Review by: ZONING BOARD ZBA

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* Also Admitted in NY
* Also Admitted in VT
+ Of Counsel

March 12, 2025

Dan Trapp
Zoning Enforcement Officer
Planning & Zoning Department
888 Washington Boulevard
Stamford, CT 06901
HAND-DELIVERED

Re: Petition for Variances – 1103 East Main Street

Dear Mr. Trapp:

Please accept, on behalf of my client, McDonald's Real Estate Company, (the "Applicant"), the following narrative and enclosed application materials as part of an application for variances for the property located at 1103 East Main Street (the "Site") to renovate an existing McDonald's drive-through restaurant with associated Site improvements, particularly, the creation of a second drive-through lane and the installation of signage associated with the second drive-through lane under the Stamford Zoning Regulations (the "Regulations").

Variances Requested

1. Variance of Section 13-F. to permit a springboard canopy, digital pre-browse menu board of approx. 10 SF, and an outdoor digital menu board of approx. 21 SF along the second drive-through lane to assist in the operation of the drive-through facility;
2. Variance of Section 12.D.10.b to reduce the off-street parking requirement for a drive-through fast food restaurant from the existing Sixty-one (61) spaces to Thirty-seven (37) spaces; and
3. A modification of a previous zoning approval, which was conditioned as being approved per plans, to modify the Site Plan to install a second drive-through lane, a springboard canopy, a digital pre-browse menu board, and an outdoor digital menu board.
4. Variance of Sec. 10.B.1 to enlarge an existing nonconforming drive-through facility.

Narrative

The Applicant requests variances to install a second drive-through lane at the Site and to install a springboard canopy, digital pre-browse menu board of approx. 10 SF, and an outdoor digital menu board of approx. 21 SF along the second drive-through lane to assist in the operation of the drive-through facility. The Application is a modification from a prior zoning approval, which approved the existing conditions per submitted site plans. It is important to note, all these proposed structures are intended to improve the efficiency of the existing nonconforming drive-through. Since the original McDonald's restaurant was built, the drive-through facility has increasingly represented where customers place their order. Approximately Seventy percent (70%) of a McDonald's restaurant's business comes through the drive-through lane. With the rising popularity of UberEats, the drive-through demand has only increased. The Applicant is the leading operator of drive-through restaurants and has exhaustively studied how to make their drive-through facilities operate quickly and efficiently.

For those reasons, the Applicant proposes to reconfigure the existing drive-through layout to create a double drive-through lane and to renovate the exterior elevations of the existing fast-food restaurant. Drive-through facilities for restaurants are permitted in the C-N Zone under Sec. 5 of the Regulations. It's important to note that the Applicant is not proposing a change to the building footprint or impervious area in the Site. Also, the Applicant does not propose any change to the existing conditions of the East Main Street driveway or the Blachley Road driveway. The proposed additional drive-through lane will have its own springboard canopy, pre-browse and outdoor digital menu board. The proposed improvements in paving and layout to the existing drive-through will increase the efficiency of the existing use. The Applicant has made the same improvements throughout thousands of its restaurants with positive results. The proposed directional markings will greatly improve the flow of traffic by providing clarity to vehicle operators. While the existing queue only has a capacity for Eleven (11) vehicles, the proposed double drive-through will have a capacity of Twenty-three (23) vehicles thereby more than doubling the capacity of the existing drive-through facility. This proposal will be a tremendous improvement to the Site. While the revised layout will result in the loss of parking spaces, it accurately addresses the reality of the operations at the Site.

As stated above, the overwhelming number of patrons to the Site utilize the drive-through rather than the indoor restaurant. At times, the Site has experienced traffic extending out onto East Main Street not due to customers of the restaurant, but due to vehicles waiting for the drive-through restaurant. The Application will hopefully help resolve this issue once and for all. A traffic and parking report has been submitted with the Application that details the benefits of this improvement. At its peak times, the Site experienced a maximum queue length of Fifteen (15) vehicles. The existing queue is insufficient to handle that queue length, but the proposed queue can accommodate said queue length with a reserve to accommodate extraordinary periods. Alternatively, the site parking demand was observed at a peak of Thirty-one (31) parking spaces occupied. The Application would still provide sufficient parking with an added reserve to meet this peak demand despite the reduction of parking spaces on the Site. Since the proposed drive-through will accommodate existing drive-through queues while the existing drive-through does not, the Application will also enhance site safety as well as pedestrian and ADA accessibility. It should be noted that the restaurant seat count is being reduced by Three (3) seats.

The second drive-through lane will require additional signage, including a springboard canopy, a pre-browse menu board, and an outdoor digital menu board. While the pre-browse menu

does advertise food products for sale, its intent is to display popular customer choices, so customers can order quickly when they approach the speaker. Therefore, the sign is actually oriented towards the functionality rather than the advertising of the use. Similarly, the proposed springboard canopy is built to clearly and easily direct vehicular traffic to the location to place their food order in the second drive-through lane. The outdoor digital menu boards have been a significant improvement to McDonald's restaurants as the menu boards have the capability to show a patron their order to decrease the chance of mistakes, which will only delay the drive-through queue. Finally, the Applicant has proposed a renovation of its dated exterior façade. Its proposal is consistent with other exterior facades constructed on McDonald's restaurants throughout Connecticut.

The hours of operation will remain as approved under the 2011 ZBA Approval, which are as follows: The hours of operation for the drive-through only are 24 hours daily and the hours of operation for the restaurant are 5:00 AM to 12:00 AM midnight. So, the restaurant does serve patrons all day, but through the drive-through only.

Hardship

Granting the Petitioner the above-stated variance and modification of the site plans will not substantially affect the comprehensive zoning plan of the City of Stamford and strict adherence to the Regulations would cause a unique hardship to the Petitioner as the Application is intended to improve the efficiency of the drive-through facility, so it does not become a traffic and safety hazard in the area. The Application addresses the realities of the existing use, which is extremely dependent on the drive-through facility rather than the restaurant. The submitted traffic report clearly demonstrates that the Application is the best plan for the Site. The Application will be beneficial, not injurious, to the surrounding neighborhood as the proposed modifications will significantly improve the efficiency, functionality, and traffic flow of the existing drive-through facility to meet the demand of its patrons, which overwhelmingly utilize their vehicles to order food. It will help ensure traffic does not back up to East Main Street, which has become a significant concern during rush hour. In all, the proposed improvements result in a significant upgrade to the efficiency and functionality of the drive-through facility with minimal alteration to existing Site conditions. It is important to note, case law, particularly *Zachs v. Zoning Board of Appeals of Town of Avon*, 218 Conn. 32, 331 (1991), has held that where a nonconforming use is properly established, a mere increase in the amount of business done pursuant to a nonconforming use is not an illegal expansion of the original use. The possible increase in drive-thru business does not require a variance. It is merely the addition of the second drive-thru lane that requires a variance, which as demonstrated above, will improve the efficiency of the Site and improve traffic on the surrounding streets.

For the reasons stated above, the Applicant respectfully requests approval of the Application for the above-stated variances and modification of previously approved site plans.

Sincerely,


Christopher Russo

January 2, 2025

Mary Judge, Administrative Assistant
 Stamford Government Center
 888 Washinton Blvd. 7th Floor
 Stamford, CT 06901

Subject: 1103 East Main Street – McDonald’s Real Estate Company ZBA Application No. 039-24
 Job Address: 1103 East Main Street, Stamford, CT 06902
 Plan Check No.:
 APN, ETC:
 Reviewed By and Phone:

PLAN CHECK RESPONSE LETTER

ENGINEERING DEPARTMENT COMMENTS

Reviewed by Susan Kisken
skisken@stamfordct.gov
 203-977-6165

No.	Agency Comment	Response to Comment	Sheet No.
1	There is an opportunity to reduce impervious coverage due to the reconfiguration of parking and drive access. Planted island may be able to replace hatched asphalt areas.	Planted islands have been used to reduce impervious coverage in three areas, providing a 480 S.F. reduction.	C4
2	Provide water quality improvements to treat runoff from the existing parking areas to be in compliance with the City of Stamford’s MS4 Permit.	The addition of an ADS Barracuda Max S4 system installed in-line with the existing stormwater infrastructure will treat runoff from existing parking areas.	All Sheets
3	Provide City of Stamford standard notes on the drawings.	City of Stamford standard notes have been added.	All Sheets
4	Identify location of relocated flagpole, if applicable.	Flagpole to remain and be protected in place.	C3
5	Existing catch basin grates may need to be adjusted. Review grate elevations.	Agreed, existing catch basin grate is now called out, as to be	C5

		raised to meet the surrounding proposed asphalt.	
6	WPCA approval will be required.	Acknowledged.	All Sheets

ENVIRONMENTAL PROTECTION BOARD COMMENTS

Reviewed by Robert Clausi

rclausi@stamfordct.org

203-977-4965

No.	Agency Comment	Response to Comment	Sheet No.
7	All erosion and sediment control measures shall be installed and approved in writing by EFB staff prior to the start of any site activity, and these measures shall be maintained in proper functional condition until the project is complete and site has been stabilized.	Acknowledged	All Sheets
8	All disturbed earth surfaces shall be stabilized with topsoil, seed and mulch, sod, landscaping, stone, or other suitable alternatives prior to EFB endorsement of a certificate of completion.	Acknowledged	All Sheets

Thank you for your assistance on this project. If you have any questions, please feel free to contact me at 215.964.7055 or via email at mboosman@core-states.com

Sincerely,



Michael Bossman E.I.T.
Senior Project Designer
215.964.7055 | mboosman@core-states.com



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Revised April 7, 2023
September 8, 2022
via electronic mail

City of Stamford Zoning Board
888 Washington Boulevard
Stamford, CT 06901
Attn: Mr. Joseph Pigott
Chair

RE: McDonald's USA, LLC
Proposed Site Improvements
1103 East Main Street (US Route 1)
City of Stamford
Fairfield County, Connecticut
ATDE Project No. ATB22065.00

Dear Mr. Pigott:

Atlantic Traffic & Design Engineering, LLC (ATDE) has prepared this Letter Report in support of McDonald's application to modify an existing restaurant with drive-thru located on the southeast quadrant of the signalized intersection of East Main Street (US Route 1) and Blanchley Road in Stamford, Connecticut, as shown in the attached **Figure 1**.

The site is currently occupied by a 90-seat, 3,232 square foot McDonald's fast-food restaurant with drive-thru and 61 off-street parking stalls. The site is located along eastbound East Main Street (US Route 1), approximately 300 feet west of the Exit 9 on-ramp to southbound Connecticut Turnpike (Interstate 95).

Site circulation operates counter-clockwise to facilitate the drive-thru traffic flow. The site provides a single-lane drive-thru and 61 off-street parking stalls. Vehicular access is provided via one full-movement along northbound Blachley Road and a right-in/ right-out driveway eastbound East Main Street (US Route 1). There is a dedicated left-turn lane on southbound Blachley Road for ingress into the site.

East Main Street (US Route 1) is an Urban Principal Arterial under Connecticut Department of Transportation (CTDOT) jurisdiction with a posted speed limit of 30 miles per hour. East Main Street (US Route 1) provides 2 through lanes in each direction and dedicated left-turn lanes at key intersections. Sidewalks are provided on both sides of the road. According to CTDOT data, East Main Street (US Route 1) serves an Average Annual Daily Traffic (AADT) of approximately 21,300 vehicles.

**Existing
Condition**

**Proposed
Condition**

McDonald's proposes to replace the existing "traditional" drive-thru with a "side-by-side" drive-thru and provide ADA pedestrian improvements to the site. The existing McDonald's building size would not change as a result the proposed improvements.

Due to the proposed drive-thru improvements, there would be a net reduction of 24 stalls, resulting in a decrease in the supply to 37 parking stalls. There is an existing non-conformance for the parking supply, so the loss of these stalls would require a variance from the City zoning requirement for 28 parking stalls. There are no proposed changes to the building size, or site access. The existing seat count would be reduced by 3 seats, resulting in a total of 87 proposed seats.

The proposed project would maintain the existing restaurant building area. As the proposed project does not involve an intensification of the use, the project is not expected to result in any additional site-generated vehicle trips. The proposed drive-thru improvements are expected to improve traffic flow of current demand.

Drive-Thru

The existing "traditional" drive-thru consists of a single menu board, a payment window and a pick-up window. McDonald's has found through years of research that the "choke point" in the drive-thru operation is taking customers' orders. The proportion of customers utilizing the drive-thru as opposed to the dining room has increased over the last decade; and this trend has increased due to the Covid19 pandemic.

As a result, McDonald's has been improving drive-thrus in the region with the addition of a second ordering point, in either a Tandem or Side-by-Side configuration. By taking 2 menu orders at the same time, McDonald's can serve its existing customer base more efficiently, while also handling larger orders.

McDonald's has invested years of research into carefully designing the side-by-side drive-thru and has developed several prototypical layouts that specify the radii, dimensions and positions of all drive-thru equipment. These layouts are standard nationwide. McDonald's design consultants select a prototype layout that is compatible with the configuration of the property. The layout ensures that customers ordering at the two menu boards have a clear line of sight to one another and the surrounding environment.

Upon completing their order, customers slowly advance to the merge point, located between the menu boards and the payment window. The customers have ample opportunity to view the second lane before proceeding to the payment window. In most cases, this will be an alternating pattern, but more than one vehicle can be processed at one menu board, while a large order is taken at the other menu board.

The project team compared drive-thru transactions at 4 locations in Connecticut and New York where similar improvements have been made. The specific McDonald's locations are listed below:

- 250 N Ave, Bridgeport, CT 06606
- 1900 Fairfield Ave, Bridgeport, CT 06605
- 45 Thomaston Ave, Waterbury, CT 06702
- 1178 Route 9, Wappingers Falls, NY 12590

Transactional data for each site before and after the implantation of a side-by-side drive-thru is appended. The average results are summarized in Table 1 below.

Table 1
Side by Side (SBS) Drive-Thru Comparison by Peak Period

Peak Period	Pre SBS (cars/hour)	Post SBS (cars/hour)	% Difference
Weekday Breakfast	82	106	22.3%
Weekday Lunch	98	132	25.8%
Weekday Dinner	81	100	19.3%
Weekend Lunch	87	108	19.2%
Weekend Dinner	77	91	16.2%
Average:	85	107	20.9%

The data found that on average the side-by-side drive-thru's can process approximately 21% more vehicles during typical peak periods.

In the existing condition, the drive-thru can accommodate approximately 11 vehicles, measured from the pick-up window, before potentially impacting site circulation or parking, or 17 vehicles before queuing onto East Main Street Avenue (US Route 1).

In the proposed condition, the side-by-side drive-thru can accommodate approximately 23 vehicles, measured from the pick-up window to the drive-thru entrance, before impacting site circulation or parking. 25 vehicles can be accommodated on-site before queuing onto East Main Street Avenue (US Route 1). The drive-thru improvements would result in a 47% increase in drive-thru queueing capacity.

The project team reviewed the transactional data at the Stamford McDonald's to evaluate the average number of drive-thru transactions for each month of the year. The results are summarized in Table 2.

Table 2
Average Monthly Drive-Thru Transactions

Month	Average DT Transactions	% Difference
January	38,582	-2.8%
February	36,783	-7.3%
March	41,582	4.8%
April	41,064	3.5%
May	41,381	4.3%
June	40,402	1.8%
July	40,757	2.7%
August	41,764	5.3%
September	39,355	-0.8%
October	39,783	0.3%
November	37,107	-6.5%
December	37,525	-5.4%
Yearly Average:	39,674	

The data shows that the monthly transactions in the month of August are 5.3% higher than the yearly average.

To examine the existing demand at the project site, ATDE recorded the maximum length of drive-thru queue for each 5-minute intervals during the following times and dates:

- Weekday Breakfast (7:00 am to 9:00 am) - Wednesday, August 24, 2022
- Weekday Lunch (12:00 pm to 2:00 pm) - Wednesday, August 24, 2022
- Weekday Dinner (4:00 pm to 7:00 pm) - Wednesday, August 24, 2022
- Saturday Lunch (11:00 am to 2:00 pm) - Saturday, August 20, 2022

Table 3 summarizes the maximum observed drive-thru queue at the existing McDonald's during each of the time periods studied.

Table 3
Maximum Drive-Thru Demand

Peak Periods	Existing 3,232 SF McDonald's
	Observed Queue (# of veh.)
Weekday Breakfast	8
Weekday Lunch	15
Weekday Dinner	13
Saturday Lunch	13

The maximum observed queue was 15 vehicles, which occurred during the weekday Lunch peak period. The observed queuing data for each study period is appended. In the proposed condition, the side-by-side drive-thru can accommodate approximately 23 vehicles before impacting site circulation or parking which can accommodate the observed demand with a reserve capacity of 8 vehicles or 35%.

ATDE also evaluated 2 locations with similar layouts to the proposed site design. The data is summarized in the Appendix. The objective was to determine the maximum queue length from the order points. The specific McDonald's locations are listed below and their site layouts are appended:

- 184 Chase Ave, Waterbury, CT 06704
- 2301 N Ocean Ave, Farmingville, NY 11738

Table 4
Maximum Drive-Thru Demand from Order Point

Peak Periods	Existing McDonald's Waterbury	Existing McDonald's Farmingville
	Observed Queue from Order Point (# of veh.)	
Weekday Breakfast	5	4
Weekday Lunch	6	8
Weekday Dinner	5	8
Saturday Lunch	8	8

The proposed design would be able to accommodate 14 vehicles from the order point before impacting site circulation or parking. Additionally, a 12-vehicle queue could be accommodated from the order point before impacting West Main Street (US Route 1). ATDE recorded a maximum queue of 8 vehicles from the order point to the end of the queue at the 2 comparison sites, which could be accommodated by the proposed layout without impacting site circulation or parking.

Parking

The Town requires 1 parking stall for every 75 square feet of patron floor area. On the basis of square feet, 65 parking stalls are required for the proposed McDonald's. 37 parking stalls, including 2 ADA-accessible stalls, are proposed, which does not meet the Town requirement for quantity of parking stalls.

During the same time periods in which drive-thru queues were observed, the maximum site parking occupancy was recorded in 5-minute intervals. As depicted on appended Figure 2, specific sections ('A' through 'E') of the overall McDonald's parking field were delineated by field staff to monitor parking demand.

In section E, there are 6 stalls that are dedicated to mobile order pickup, and 2 stalls reserved for vehicles waiting for their drive-thru order to be completed. These stalls were observed separately. The parking accumulation count data for each of the respective study periods is appended.

Table 5 summarizes the maximum parking demand and percent occupancy of the McDonald's parking supply in each of the time periods studied.

Table 5
Maximum Parking Demand

Peak Periods	Existing 3,232 SF McdDonald's	
	Observed Demand	Percent Occupancy
Weekday Breakfast	10	27
Weekday Lunch	30	81
Weekday Dinner	21	57
Saturday Lunch	31	84

The data shows that the peak parking demand occurred during the Saturday lunch period when a maximum of 31 parking stalls were occupied. The proposed supply of 37 stalls would, therefore, continue to accommodate the projected parking demand **with a reserve capacity of 6 parking stalls or 16%**. As discussed above, proposed improvements to the drive-thru may additionally result in reduced parking demand.

In conclusion, the proposed project will **not** have a significant negative impact on-site parking or circulation or on traffic flows on the adjacent public roadways. The proposed project would, however, implement a number of improvements, including the enhancement of pedestrian and ADA accessibility.

The proposed replacement of the "traditional" drive-thru layout with a "side-by-side" drive-thru is anticipated to accommodate existing drive-thru queues, thereby enhancing site safety, and also likely result in reduced drive-thru queues.

Summary



Proposed Site Improvements
City of Stamford, Connecticut
September 8, 2022
7/7

Please do not hesitate to contact the undersigned with any questions or comments you may have.

Sincerely,

Atlantic Traffic & Design Engineering, LLC
Conn. P.E. Corp. Business License No. 1235

A handwritten signature in black ink, appearing to read "Paul B. Goings".

PAUL B. GOING, P.E.
Professional Engineer
Conn. License No. 0026713

A handwritten signature in black ink, appearing to read "Ethan B. Schukoske".

ETHAN B. SCHUKOSKE, P.E., PTOE
Professional Engineer
Conn. License No. 34486

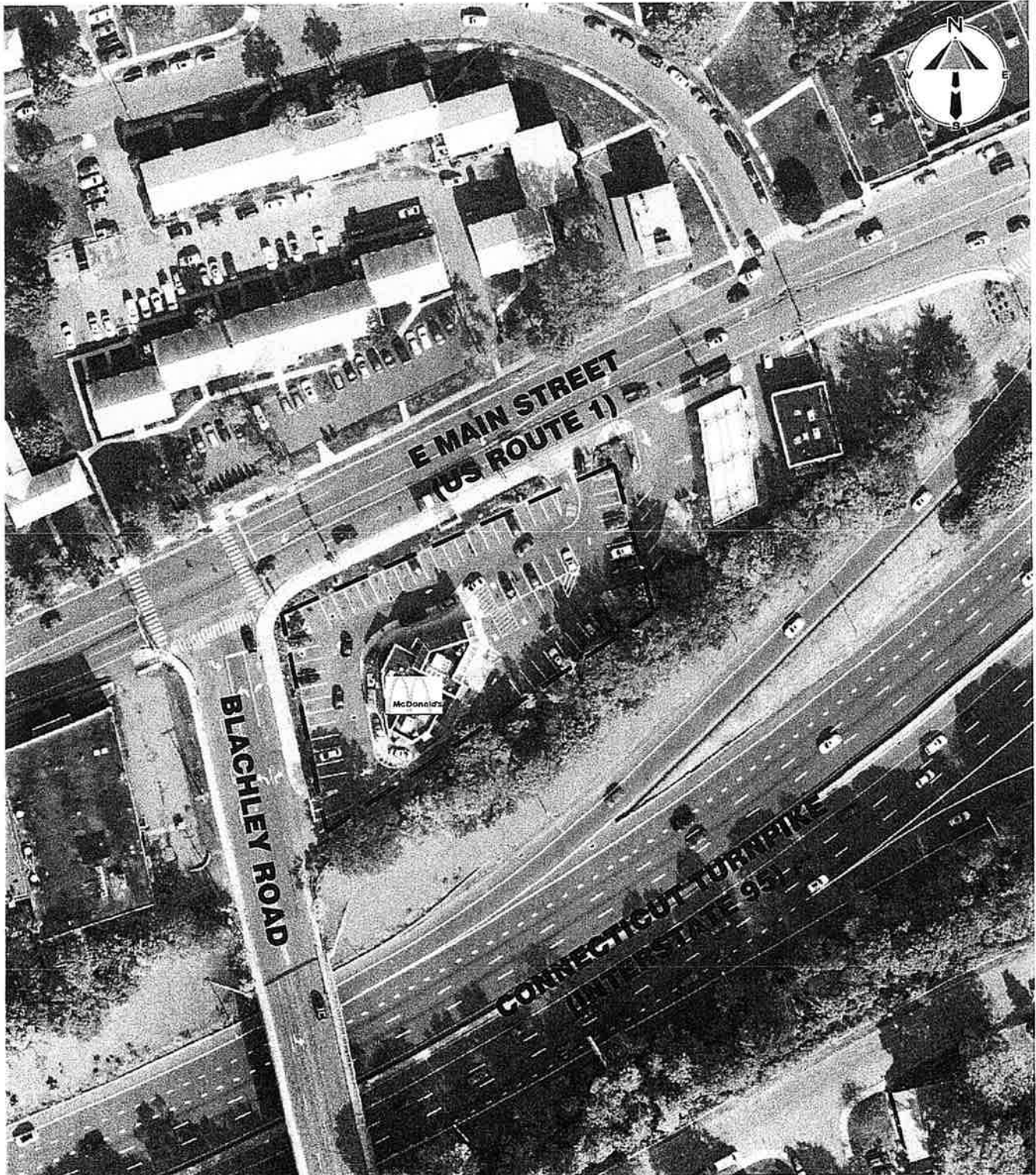
encl

cc Charlie Miller - McDonald's
Christopher B. Russo - Russo & Rizio, LLC

Appendix

MCDONALDS SITE IMPROVEMENTS
CITY OF STAMFORD
FAIRFIELD COUNTY, CT

Location Map



K:\2021\182220065.00\ANALYSIS-PERMITTING\DATA-TRAFFIC\FIGURES\182220065 REPORT FIGURES-->LAYOUT- LOCATION MAP

MCDONALDS SITE IMPROVEMENTS
CITY OF STAMFORD
FAIRFIELD COUNTY, CT

Parking Map



K:\2022\10220065\01\ANALYSIS-PERMITTING\DATA-TRAFFIC\FIGURES\10220065 REPORT FIGURES-->LAYOUT: PARKING MAP

B | Drive Thru Queuing Summary



275 Broadhollow Road, Suite 100
 Melville, New York 11747
 631-738-1919
 www.atlantictraffic.com

McDonald's Site Improvements
1103 East Main Street
Stamford
Fairfield County, Connecticut

August 24, 2022
ATDE Project No. ATB220065.00

Maximum Observed Drive-Thru Queuing

AM - MD - PM Wednesday August 24, 2022							
Start Time	Queue	Start Time	Queue	Start Time	Queue	Start Time	Queue
7:00 AM	1	12:00 PM	7	4:00 PM	12	4:00 PM	7
7:05 AM	0	12:05 PM	13	4:05 PM	8	4:05 PM	7
7:10 AM	4	12:10 PM	9	4:10 PM	8	4:10 PM	9
7:15 AM	1	12:15 PM	10	4:15 PM	9	4:15 PM	8
7:20 AM	1	12:20 PM	9	4:20 PM	13	4:20 PM	8
7:25 AM	3	12:25 PM	10	4:25 PM	12	4:25 PM	5
7:30 AM	0	12:30 PM	12	4:30 PM	6	4:30 PM	3
7:35 AM	2	12:35 PM	10	4:35 PM	7	4:35 PM	6
7:40 AM	5	12:40 PM	9	4:40 PM	6	4:40 PM	5
7:45 AM	6	12:45 PM	10	4:45 PM	7	4:45 PM	6
7:50 AM	7	12:50 PM	12	4:50 PM	8	4:50 PM	2
7:55 AM	4	12:55 PM	7	4:55 PM	9	4:55 PM	1
8:00 AM	4	1:00 PM	6	5:00 PM	7	Average	7
8:05 AM	8	1:05 PM	5	5:05 PM	8	85th-%ile	9
8:10 AM	6	1:10 PM	5	5:10 PM	8	Maximum	13
8:15 AM	8	1:15 PM	8	5:15 PM	6		
8:20 AM	5	1:20 PM	14	5:20 PM	5		
8:25 AM	2	1:25 PM	15	5:25 PM	8		
8:30 AM	6	1:30 PM	14	5:30 PM	6		
8:35 AM	6	1:35 PM	13	5:35 PM	8		
8:40 AM	4	1:40 PM	9	5:40 PM	6		
8:45 AM	6	1:45 PM	5	5:45 PM	6		
8:50 AM	5	1:50 PM	11	5:50 PM	4		
8:55 AM	4	1:55 PM	8	5:55 PM	5		
Average	4	Average	10				
85th-%ile	6	85th-%ile	13				
Maximum	8	Maximum	15				

K:\2022\ATB220065.00\Analysis-Permitting\Data-Traffic\Tables\ATB220065 Drive-Thru Queuing Summary.xlsx



275 Broadhollow Road, Suite 100
 Melville, New York 11747
 631-738-1919
 www.atlantictraffic.com

McDonald's Site Improvements
1103 East Main Street
Stamford
Fairfield County, Connecticut

August 24, 2022
ATDE Project No. ATB220065.00

Maximum Observed Drive-Thru Queuing

MD Sat. Saturday August 20, 2022			
Start Time	Queue	Start Time	Queue
11:00 AM	3	12:30 PM	9
11:05 AM	6	12:35 PM	8
11:10 AM	7	12:40 PM	13
11:15 AM	7	12:45 PM	12
11:20 AM	7	12:50 PM	13
11:25 AM	6	12:55 PM	6
11:30 AM	0	1:00 PM	4
11:35 AM	2	1:05 PM	11
11:40 AM	2	1:10 PM	10
11:45 AM	3	1:15 PM	9
11:50 AM	4	1:20 PM	11
11:55 AM	7	1:25 PM	12
12:00 PM	7	1:30 PM	6
12:05 PM	10	1:35 PM	8
12:10 PM	10	1:40 PM	10
12:15 PM	9	1:45 PM	8
12:20 PM	10	1:50 PM	10
12:25 PM	11	1:55 PM	7
Average		8	
85th-%ile		11	
Maximum		13	

C | Parking Accumulation Summary



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McDonald's Site Improvements
1103 East Main Street
Stamford
Fairfield County, Connecticut

August 24, 2022
ATDE Project No. ATB220065.00

PARKING ACCUMULATION

Weekday Midday Peak Period

Tuesday August 24, 2022

Start Time	Parking Sections					Total	Start Time	Parking Sections					Total
	A	B	C	D	E			A	B	C	D	E	
7:00 AM	3	2	0	0	0	5	12:00 PM	3	5	5	3	2	18
7:05 AM	3	2	0	0	0	5	12:05 PM	6	5	5	3	5	24
7:10 AM	3	4	0	0	0	7	12:10 PM	6	4	4	4	5	23
7:15 AM	3	4	0	0	0	7	12:15 PM	6	5	5	6	4	26
7:20 AM	3	4	0	1	0	8	12:20 PM	8	8	5	4	4	29
7:25 AM	2	4	0	0	0	6	12:25 PM	7	9	5	3	5	29
7:30 AM	2	3	0	2	0	7	12:30 PM	7	8	5	4	4	28
7:35 AM	2	1	0	1	0	4	12:35 PM	7	6	4	3	4	24
7:40 AM	2	1	0	0	0	3	12:40 PM	9	5	5	3	4	26
7:45 AM	2	1	0	2	0	5	12:45 PM	9	4	5	3	4	25
7:50 AM	2	1	0	0	0	3	12:50 PM	9	5	5	2	3	24
7:55 AM	2	1	0	1	1	5	12:55 PM	7	4	2	7	2	22
8:00 AM	2	1	1	1	1	6	1:00 PM	7	3	1	6	1	18
8:05 AM	3	1	1	2	1	8	1:05 PM	8	3	2	5	2	20
8:10 AM	3	1	1	2	1	8	1:10 PM	7	3	2	5	3	20
8:15 AM	3	1	1	3	2	10	1:15 PM	6	7	3	4	1	21
8:20 AM	3	1	2	2	2	10	1:20 PM	7	9	4	6	4	30
8:25 AM	3	1	2	2	0	8	1:25 PM	7	9	4	6	3	29
8:30 AM	3	1	2	2	0	8	1:30 PM	8	6	5	6	2	27
8:35 AM	3	2	1	1	0	7	1:35 PM	8	6	5	3	2	24
8:40 AM	3	1	2	1	0	7	1:40 PM	9	6	4	6	3	28
8:45 AM	2	2	2	1	1	8	1:45 PM	7	7	4	7	2	27
8:50 AM	3	3	2	0	0	8	1:50 PM	6	8	4	3	3	24
8:55 AM	3	2	2	1	0	8	1:55 PM	7	6	3	5	5	26
Peak Parking Demand*	3	4	2	3	2	10	Peak Parking Demand*	9	9	5	7	5	30
Parking Supply	12	20	8	12	9	61	Parking Supply	12	20	8	12	9	61
Percent Occupancy	25%	20%	25%	25%	22%	16%	Percent Occupancy	75%	45%	63%	58%	56%	49%

K:\2022\ATB220065.00\Analysis-Permitting\Data-Parking\ATB220065 Parking Accumulation Summary.xlsx



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McDonald's Site Improvements
1103 East Main Street
Stamford
Fairfield County, Connecticut

August 24, 2022
ATDE Project No. ATB220065.00

PARKING ACCUMULATION

Weekday Midday Peak Period

Tuesday August 30, 2022

Start Time	Parking Sections					Total
	A	B	C	D	E	
4:00 PM	3	4	5	5	4	21
4:05 PM	3	3	3	4	4	17
4:10 PM	3	1	3	4	2	13
4:15 PM	3	1	3	4	2	13
4:20 PM	5	1	5	4	1	16
4:25 PM	4	1	5	5	0	15
4:30 PM	4	1	4	3	1	13
4:35 PM	4	3	3	5	0	15
4:40 PM	3	2	4	4	1	14
4:45 PM	5	2	5	4	2	18
4:50 PM	4	3	5	5	2	19
4:55 PM	4	4	4	2	2	16
5:00 PM	3	4	3	2	2	14
5:05 PM	4	4	2	3	3	16
5:10 PM	5	4	1	3	1	14
5:15 PM	5	3	2	2	1	13
5:20 PM	5	3	2	2	1	13
5:25 PM	5	4	3	3	0	15
5:30 PM	5	4	3	0	0	12
5:35 PM	5	4	1	1	2	13
5:40 PM	4	3	1	1	2	11
5:45 PM	4	2	2	1	2	11
5:50 PM	4	3	2	1	0	10
5:55 PM	4	4	2	5	1	16
Peak Parking Demand*	5	4	5	5	4	21
Parking Supply	12	20	8	12	9	61
Percent Occupancy	42%	20%	63%	42%	44%	34%



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McDonald's Site Improvements
 1103 East Main Street
 Stamford
 Fairfield County, Connecticut

August 24, 2022
 ATDE Project No. ATB220065.00

PARKING ACCUMULATION

Saturday Peak Period

Saturday August 27, 2022

Start Time	Parking Sections					Total	Start Time	Parking Sections					Total
	A	B	C	D	E			A	B	C	D	E	
11:00 AM	5	6	5	4	2	22	12:30 PM	6	8	6	5	2	27
11:05 AM	6	7	6	4	1	24	12:35 PM	5	7	6	5	2	25
11:10 AM	5	8	5	3	2	23	12:40 PM	5	8	7	6	2	28
11:15 AM	7	8	6	3	1	25	12:45 PM	5	5	5	5	0	20
11:20 AM	6	8	7	4	2	27	12:50 PM	6	4	4	5	0	19
11:25 AM	5	7	5	5	3	25	12:55 PM	6	6	5	3	1	21
11:30 AM	5	10	5	4	1	25	1:00 PM	7	8	4	3	1	23
11:35 AM	5	10	5	6	2	28	1:05 PM	6	7	2	3	2	20
11:40 AM	6	7	6	7	3	29	1:10 PM	6	7	2	3	1	19
11:45 AM	5	9	5	5	3	27	1:15 PM	6	6	3	4	2	21
11:50 AM	6	8	6	5	6	31	1:20 PM	7	7	6	4	2	26
11:55 AM	6	5	6	7	6	30	1:25 PM	7	5	7	5	2	26
12:00 PM	6	6	5	4	2	23	1:30 PM	6	7	5	4	4	26
12:05 PM	8	9	5	6	3	31	1:35 PM	6	5	6	6	4	27
12:10 PM	8	7	5	7	4	31	1:40 PM	6	5	6	5	2	24
12:15 PM	8	7	5	7	3	30	1:45 PM	5	4	4	5	2	20
12:20 PM	7	8	5	7	2	29	1:50 PM	5	4	3	4	2	18
12:25 PM	7	8	5	6	2	28	1:55 PM	6	6	4	3	3	22
Peak Parking Demand*	8	10	7	7	6	31	Peak Parking Demand*	7	8	7	6	4	28
Parking Supply	12	20	8	12	9	61	Parking Supply	12	20	8	12	9	61
Percent Occupancy	67%	50%	88%	58%	67%	51%	Percent Occupancy	58%	40%	88%	50%	44%	46%

D | SBS Drive-Thru Comparison by Peak Period



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1103 East Main Street
Stamford
Fairfield County, Connecticut

ATDE Project No. ATB220065.00

Peak Period	Single	Post SBS	% Increase
45 Thomaston Ave, Waterbury, CT 06702			
Weekday Breakfast	77	93	17.2%
Weekday Lunch	81	113	28.3%
Weekday Dinner	71	86	17.4%
Weekend Lunch	70	90	22.2%
Weekend Dinner	66	75	12.0%
1178 Route 9, Wappingers Falls, NY 12590			
Weekday Breakfast	78	90	13.3%
Weekday Lunch	99	127	22.0%
Weekday Dinner	80	102	21.6%
Weekend Lunch	95	117	18.8%
Weekend Dinner	68	87	21.8%
250 N Ave, Bridgeport, CT 06606			
Weekday Breakfast	84	123	31.7%
Weekday Lunch	111	151	26.5%
Weekday Dinner	90	111	18.9%
Weekend Lunch	91	117	22.2%
Weekend Dinner	91	108	15.7%
1900 Fairfield Ave, Bridgeport, CT 06605			
Weekday Breakfast	89	116	23.3%
Weekday Lunch	101	137	26.3%
Weekday Dinner	82	101	18.8%
Weekend Lunch	93	108	13.9%
Weekend Dinner	81	95	14.7%
Average:	85	107	20.9%

E | Comparison Side-by-Side Site Layouts

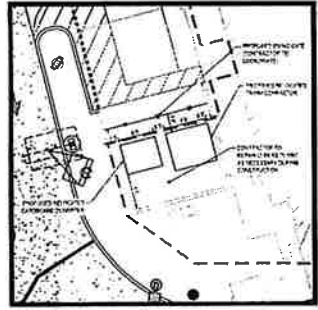
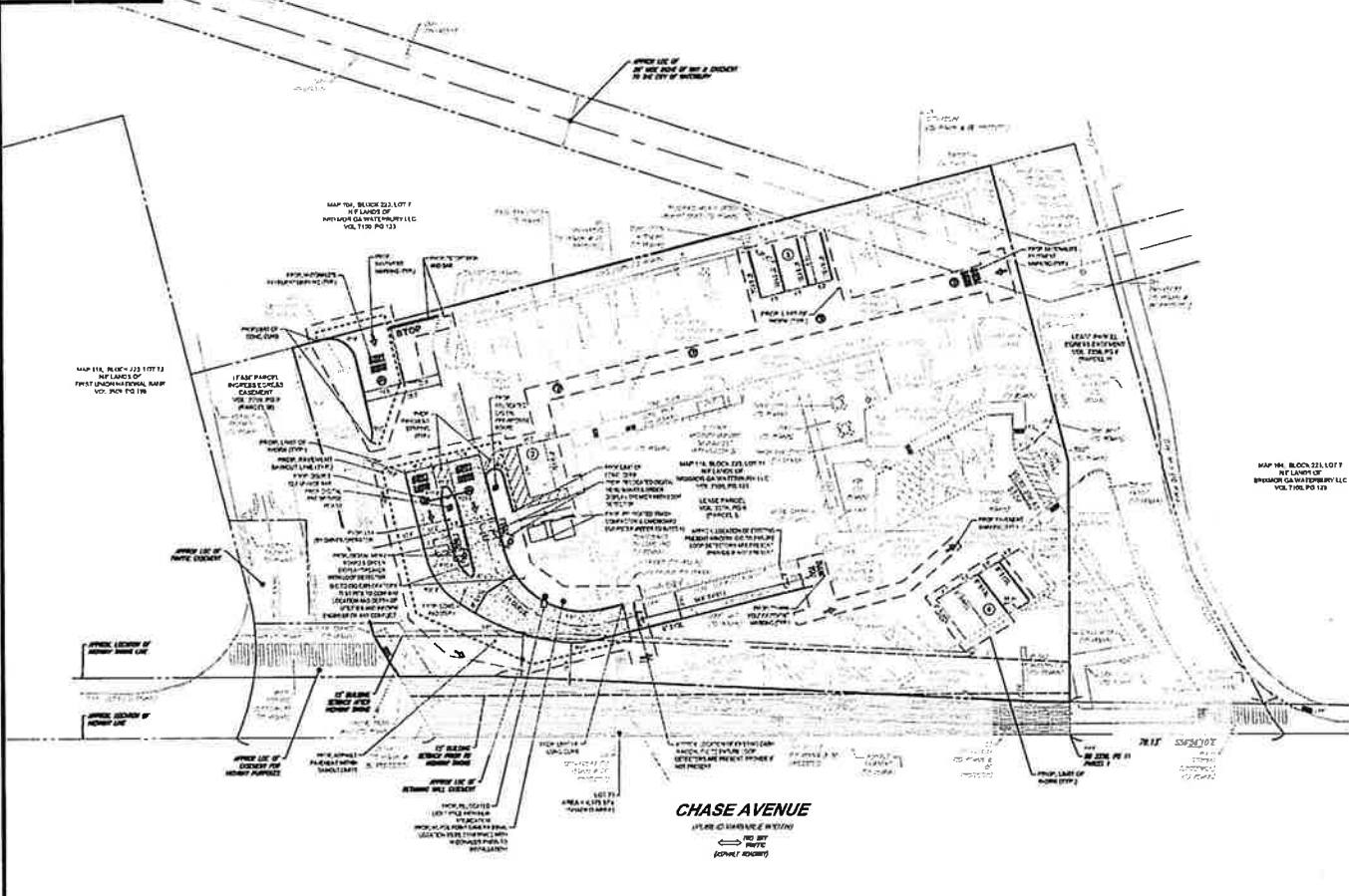


LAND USE | ZONING INFORMATION & NOTES

1. APPLICANT: OPIER
 2. PROJECT: MCDONALD'S RESTAURANT
 3. SITE: 184 CHASE AVENUE
 4. CITY: WATERBURY, CT
 5. COUNTY: MIDDLESEX COUNTY, CT

ZONING ANALYSIS TABLE

ZONING DISTRICT	REQUIRED PERMITS		
	REQUIRED	EXISTING	PROPOSED
MAP 17A, BLOCK 223, LOT 7	1. ZONING PERMIT 2. SIGNAGE PERMIT 3. EXISTING SIGNAGE 4. EXISTING SIGNAGE 5. EXISTING SIGNAGE 6. EXISTING SIGNAGE 7. EXISTING SIGNAGE 8. EXISTING SIGNAGE 9. EXISTING SIGNAGE 10. EXISTING SIGNAGE	1. ZONING PERMIT 2. SIGNAGE PERMIT 3. EXISTING SIGNAGE 4. EXISTING SIGNAGE 5. EXISTING SIGNAGE 6. EXISTING SIGNAGE 7. EXISTING SIGNAGE 8. EXISTING SIGNAGE 9. EXISTING SIGNAGE 10. EXISTING SIGNAGE	1. ZONING PERMIT 2. SIGNAGE PERMIT 3. EXISTING SIGNAGE 4. EXISTING SIGNAGE 5. EXISTING SIGNAGE 6. EXISTING SIGNAGE 7. EXISTING SIGNAGE 8. EXISTING SIGNAGE 9. EXISTING SIGNAGE 10. EXISTING SIGNAGE



PAVEMENT STRIPING LEGEND

1. DOUBLE YELLOW STRIPING
 2. SINGLE YELLOW STRIPING
 3. SINGLE WHITE STRIPING

UTILITY NOTE:
 CONTRACTOR SHALL CONFIRM ALL UTILITY & DRAINAGE LOCATIONS PRIOR TO CONSTRUCTION AND SHALL NOTIFY ENGINEER IN WRITING IF ANY CONFLICTS OCCUR.

THIS PLAN TO BE UTILIZED FOR SITE LAYOUT PURPOSES ONLY. REFER TO GENERAL NOTES SHEET FOR ADDITIONAL NOTES



THE LOCATION OF UTILITIES AND OTHER SERVICES ARE SHOWN BY AN APPROXIMATE WAY ONLY AND SHOULD NOT BE RELIED UPON FOR EXACT LOCATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXACT LOCATION OF ALL UTILITIES AND SERVICES BEFORE ANY CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXACT LOCATION OF ALL UTILITIES AND SERVICES BEFORE ANY CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXACT LOCATION OF ALL UTILITIES AND SERVICES BEFORE ANY CONSTRUCTION.

BOHLER
 SITE CIVIL AND CONSULTING ENGINEERING
 LAND SURVEYING
 PROGRAM MANAGEMENT
 LANDSCAPE ARCHITECTURE
 SUSTAINABLE DESIGN
 PERMITTING SERVICES
 TRANSPORTATION SERVICES

COMPLIANCE CHECK	DATE
COMPLIANCE CHECK	DATE
COMPLIANCE CHECK	DATE
PROJECT NO.:	CT12007
CAD LID. #	CT12007-CVL-551.dwg

CONSTRUCTION DOCUMENTS	
STREET ADDRESS 184 CHASE AVENUE	
CITY	STATE
WATERBURY	CONNECTICUT
COUNTY NEW HAVEN COUNTY	
SITE ID.	PLAN DESCRIPTION
006-0193	SITE LAYOUT PLAN

G.P. FITZGERALD
 PROFESSIONAL ENGINEER

McDonald's

PLAN APPROVALS

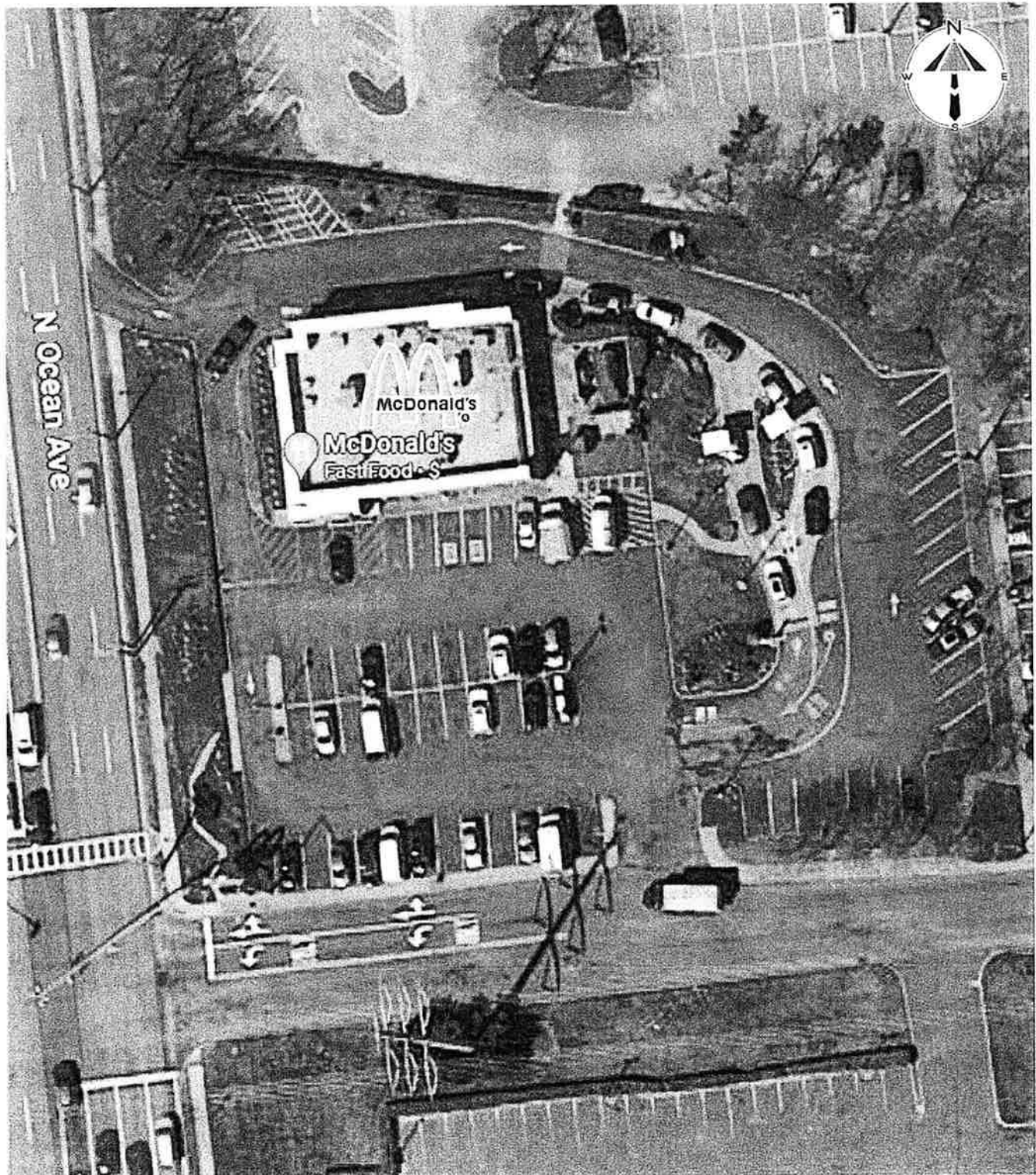
DATE	BY
02/27/22	NMB
02/24/22	GPT
AS-BUILT	

PROJECT NO. **C-4**

ATLANTIC TRAFFIC+DESIGN

Location Map

Existing McDonalds
Town of Brookhaven
Suffolk County, New York



C:\P\WORKING\PROJECTS\TPD-C3\12031852\1822052 REPORT FIGURES--\MAP\OUTLINE LOCATION MAP (2)

Atlantic Traffic & Design Engineering, LLC

F | Side-by-Side Drive-thru Study



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McDonald's Site Improvements
 1103 East Main Street
 Stamford
 Fairfield County, Connecticut

ATDE Project No. ATB220052

Maximum Observed Drive-Thru Queuing

Waterbury, CT

March 15, 2023

Weekday Morning							
Start Time	Pick up to Order Point	Order Point to End	Total	Start Time	Pick up to Order Point	Order Point to End	Total
7:00 AM	3	0	3	8:00 AM	1	4	5
7:05 AM	1	0	1	8:05 AM	5	0	5
7:10 AM	2	2	4	8:10 AM	1	0	1
7:15 AM	1	2	3	8:15 AM	3	1	4
7:20 AM	1	0	1	8:20 AM	4	1	5
7:25 AM	0	1	1	8:25 AM	4	5	9
7:30 AM	0	2	2	8:30 AM	3	1	4
7:35 AM	2	1	3	8:35 AM	4	0	4
7:40 AM	1	1	2	8:40 AM	0	0	0
7:45 AM	2	1	3	8:45 AM	1	3	4
7:50 AM	0	1	1	8:50 AM	6	4	10
7:55 AM	2	0	2	8:55 AM	4	2	6
			Pick up to Order Point	Order Point to End	Total		
Average			2	1	3		
85th-%ile			4	3	5		
Maximum			6	5	10		



McDonald's Site Improvements
1103 East Main Street
Stamford
Fairfield County, Connecticut

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Maximum Observed Drive-Thru Queuing

Waterbury, CT

March 15, 2023

Weekday Midday							
Start Time	Pick up to Order Point	Order Point to End	Total	Start Time	Pick up to Order Point	Order Point to End	Total
11:00 AM	0	1	1	12:30 PM	2	0	2
11:05 AM	1	1	2	12:35 PM	3	6	9
11:10 AM	1	1	2	12:40 PM	2	2	4
11:15 AM	2	3	5	12:45 PM	3	3	6
11:20 AM	0	0	0	12:50 PM	3	2	5
11:25 AM	1	1	2	12:55 PM	5	2	7
11:30 AM	1	0	1	1:00 PM	2	0	2
11:35 AM	2	1	3	1:05 PM	1	0	1
11:40 AM	2	1	3	1:10 PM	1	0	1
11:45 AM	1	0	1	1:15 PM	1	1	2
11:50 AM	1	4	5	1:20 PM	1	2	3
11:55 AM	3	1	4	1:25 PM	4	3	7
12:00 PM	3	1	4	1:30 PM	3	6	9
12:05 PM	3	1	4	1:35 PM	6	2	8
12:10 PM	3	0	3	1:40 PM	2	0	2
12:15 PM	1	3	4	1:45 PM	2	3	5
12:20 PM	3	3	6	1:50 PM	2	3	5
12:25 PM	2	3	5	1:55 PM	0	0	0
	Pick up to Order Point			Order Point to End		Total	
Average	2			2		4	
85th-%ile	3			3		6	
Maximum	6			6		9	



McDonald's Site Improvements
 1103 East Main Street
 Stamford
 Fairfield County, Connecticut

ATDE Project No. ATB220052

Maximum Observed Drive-Thru Queuing

Waterbury, CT

March 15, 2023

Weekday Evening							
Start Time	Pick up to Order Point	Order Point to End	Total	Start Time	Pick up to Order Point	Order Point to End	Total
4:00 PM	5	3	8	5:30 PM	3	1	4
4:05 PM	4	3	7	5:35 PM	2	1	3
4:10 PM	6	3	9	5:40 PM	2	0	2
4:15 PM	5	4	9	5:45 PM	1	2	3
4:20 PM	5	4	9	5:50 PM	2	3	5
4:25 PM	2	0	2	5:55 PM	5	4	9
4:30 PM	2	0	2	6:00 PM	4	1	5
4:35 PM	2	3	5	6:05 PM	3	4	7
4:40 PM	6	4	10	6:10 PM	0	0	0
4:45 PM	3	2	5	6:15 PM	1	5	6
4:50 PM	3	1	4	6:20 PM	5	1	6
4:55 PM	2	5	7	6:25 PM	3	2	5
5:00 PM	2	0	2	6:30 PM	3	2	5
5:05 PM	2	3	5	6:35 PM	2	1	3
5:10 PM	3	1	4	6:40 PM	1	1	2
5:15 PM	2	0	2	6:45 PM	2	1	3
5:20 PM	0	0	0	6:50 PM	1	0	1
5:25 PM	0	3	3	6:55 PM	2	1	3
	Pick up to Order Point			Order Point to End		Total	
Average	3			2		5	
85th-%ile	5			4		8	
Maximum	6			5		10	



McDonald's Site Improvements
 1103 East Main Street
 Stamford
 Fairfield County, Connecticut

ATDE Project No. ATB220052

Maximum Observed Drive-Thru Queuing

Waterbury, CT

March 11, 2023

Saturday Midday							
Start Time	Pick up to Order Point	Order Point to End	Total	Start Time	Pick up to Order Point	Order Point to End	Total
10:00 AM	2	1	3	12:00 PM	3	1	4
10:05 AM	0	1	1	12:05 PM	3	2	5
10:10 AM	1	1	2	12:10 PM	5	2	7
10:15 AM	0	0	0	12:15 PM	3	1	4
10:20 AM	0	0	0	12:20 PM	4	4	8
10:25 AM	0	0	0	12:25 PM	4	0	4
10:30 AM	1	1	2	12:30 PM	2	1	3
10:35 AM	1	1	2	12:35 PM	1	1	2
10:40 AM	0	0	0	12:40 PM	2	1	3
10:45 AM	0	1	1	12:45 PM	1	5	6
10:50 AM	1	0	1	12:50 PM	3	4	7
10:55 AM	0	0	0	12:55 PM	1	2	3
11:00 AM	1	0	1	1:00 PM	2	0	2
11:05 AM	0	3	3	1:05 PM	3	1	4
11:10 AM	1	1	2	1:10 PM	2	2	4
11:15 AM	1	2	3	1:15 PM	3	4	7
11:20 AM	2	4	6	1:20 PM	3	1	4
11:25 AM	3	1	4	1:25 PM	2	2	4
11:30 AM	2	1	3	1:30 PM	3	2	5
11:35 AM	1	1	2	1:35 PM	2	2	4
11:40 AM	2	2	4	1:40 PM	4	2	6
11:45 AM	1	1	2	1:45 PM	4	8	12
11:50 AM	2	1	3	1:50 PM	8	3	11
11:55 AM	2	0	2	1:55 PM	3	3	6
	Pick up to Order Point			Order Point to End		Total	
Average	2			2		4	
85th-%ile	3			3		6	
Maximum	8			8		12	



McDonald's Site Improvements
1103 East Main Street
Stamford
Fairfield County, Connecticut

ATDE Project No. ATB220052

Maximum Observed Drive-Thru Queuing

Farmingville, NY

March 15, 2023

Weekday Morning							
Start Time	Pick up to Order Point	Order Point to End	Total	Start Time	Pick up to Order Point	Order Point to End	Total
7:00 AM	2	2	4	8:00 AM	1	2	3
7:05 AM	1	1	2	8:05 AM	2	3	5
7:10 AM	3	3	6	8:10 AM	0	0	0
7:15 AM	4	0	4	8:15 AM	3	4	7
7:20 AM	0	4	4	8:20 AM	1	0	1
7:25 AM	1	3	4	8:25 AM	1	0	1
7:30 AM	1	2	3	8:30 AM	0	0	0
7:35 AM	0	2	2	8:35 AM	1	1	2
7:40 AM	1	4	5	8:40 AM	1	1	2
7:45 AM	4	0	4	8:45 AM	5	1	6
7:50 AM	0	1	1	8:50 AM	2	2	4
7:55 AM	1	0	1	8:55 AM	0	1	1
	Pick up to Order Point			Order Point to End		Total	
Average	1			2		3	
85th-%ile	3			3		5	
Maximum	5			4		7	



McDonald's Site Improvements
 1103 East Main Street
 Stamford
 Fairfield County, Connecticut

ATDE Project No. ATB220052

Maximum Observed Drive-Thru Queuing

Farmingville, NY

March 15, 2023

Weekday Midday							
Start Time	Pick up to Order Point	Order Point to End	Total	Start Time	Pick up to Order Point	Order Point to End	Total
11:00 AM	2	0	2	12:30 PM	2	6	8
11:05 AM	0	1	1	12:35 PM	6	2	8
11:10 AM	1	1	2	12:40 PM	5	4	9
11:15 AM	0	1	1	12:45 PM	5	1	6
11:20 AM	1	1	2	12:50 PM	3	0	3
11:25 AM	1	2	3	12:55 PM	3	2	5
11:30 AM	0	0	0	1:00 PM	0	1	1
11:35 AM	4	0	4	1:05 PM	2	3	5
11:40 AM	3	1	4	1:10 PM	0	0	0
11:45 AM	1	0	1	1:15 PM	2	4	6
11:50 AM	1	1	2	1:20 PM	4	2	6
11:55 AM	1	2	3	1:25 PM	6	8	14
12:00 PM	3	2	5	1:30 PM	4	8	12
12:05 PM	1	2	3	1:35 PM	5	4	9
12:10 PM	2	5	7	1:40 PM	5	4	9
12:15 PM	3	1	4	1:45 PM	4	1	5
12:20 PM	1	1	2	1:50 PM	5	3	8
12:25 PM	2	5	7	1:55 PM	3	0	3
			Pick up to Order Point	Order Point to End	Total		
Average			3	2	5		
85th-%ile			5	4	8		
Maximum			6	8	14		



McDonald's Site Improvements
 1103 East Main Street
 Stamford
 Fairfield County, Connecticut

ATDE Project No. ATB220052

Maximum Observed Drive-Thru Queuing

Farmingville, NY

March 15, 2023

Weekday Evening							
Start Time	Pick up to Order Point	Order Point to End	Total	Start Time	Pick up to Order Point	Order Point to End	Total
4:00 PM	5	2	7	5:30 PM	3	1	4
4:05 PM	5	2	7	5:35 PM	1	1	2
4:10 PM	3	3	6	5:40 PM	3	1	4
4:15 PM	5	2	7	5:45 PM	2	0	2
4:20 PM	3	0	3	5:50 PM	2	2	4
4:25 PM	0	3	3	5:55 PM	1	3	4
4:30 PM	2	5	7	6:00 PM	4	4	8
4:35 PM	5	6	11	6:05 PM	1	3	4
4:40 PM	4	1	5	6:10 PM	2	6	8
4:45 PM	1	2	3	6:15 PM	3	5	8
4:50 PM	1	1	2	6:20 PM	6	4	10
4:55 PM	1	5	6	6:25 PM	5	4	9
5:00 PM	1	6	7	6:30 PM	4	3	7
5:05 PM	5	1	6	6:35 PM	5	3	8
5:10 PM	3	2	5	6:40 PM	3	8	11
5:15 PM	0	1	1	6:45 PM	7	5	12
5:20 PM	0	6	6	6:50 PM	5	5	10
5:25 PM	0	3	3	6:55 PM	4	1	5
			Pick up to Order Point	Order Point to End	Total		
Average			3	3	6		
85th-%ile			5	5	9		
Maximum			7	8	12		



McDonald's Site Improvements
 1103 East Main Street
 Stamford
 Fairfield County, Connecticut

ATDE Project No. ATB220052

Maximum Observed Drive-Thru Queuing

Farmingville, NY

March 11, 2023

Saturday Midday							
Start Time	Pick up to Order Point	Order Point to End	Total	Start Time	Pick up to Order Point	Order Point to End	Total
10:00 AM	2	1	3	12:00 PM	3	1	4
10:05 AM	0	1	1	12:05 PM	3	2	5
10:10 AM	1	1	2	12:10 PM	5	2	7
10:15 AM	0	0	0	12:15 PM	3	1	4
10:20 AM	0	0	0	12:20 PM	4	4	8
10:25 AM	0	0	0	12:25 PM	4	0	4
10:30 AM	1	1	2	12:30 PM	2	1	3
10:35 AM	1	1	2	12:35 PM	1	1	2
10:40 AM	0	0	0	12:40 PM	2	1	3
10:45 AM	0	1	1	12:45 PM	1	5	6
10:50 AM	1	0	1	12:50 PM	3	4	7
10:55 AM	0	0	0	12:55 PM	1	2	3
11:00 AM	1	0	1	1:00 PM	2	0	2
11:05 AM	0	3	3	1:05 PM	3	1	4
11:10 AM	1	1	2	1:10 PM	2	2	4
11:15 AM	1	2	3	1:15 PM	3	4	7
11:20 AM	2	4	6	1:20 PM	3	1	4
11:25 AM	3	1	4	1:25 PM	2	2	4
11:30 AM	2	1	3	1:30 PM	3	2	5
11:35 AM	1	1	2	1:35 PM	2	2	4
11:40 AM	2	2	4	1:40 PM	4	2	6
11:45 AM	1	1	2	1:45 PM	4	8	12
11:50 AM	2	1	3	1:50 PM	8	3	11
11:55 AM	2	0	2	1:55 PM	3	3	6
	Pick up to Order Point			Order Point to End		Total	
Average	2			2		4	
85th-%ile	3			3		6	
Maximum	8			8		12	