AGENDA

Lexington Planning Board

Thursday, April 17, 2025

Remote on Zoom: https://www.lexingtonma.gov/377/Access-

Virtual-Meetings

6:00 PM

Development Administration

- 1. 162 Bedford Street & 5 Reed Street Preliminary Subdivision
 Public meeting for a preliminary subdivision to create 3 lots. Applicant has requested a continuance to May 7, 2025.
- 450 Marrett Road Preliminary Subdivision
 Public meeting for a preliminary subdivision to divide the property into 2 lots. Applicant has requested a continuance to May 7, 2025.
- 3. 7 Hartwell Avenue Continued public hearing
 Continued public hearing for a major site plan review for a multi-family
 proposal in the village high rise overlay district (continued from 1/30 &
 3/12). Board will deliberate and vote on the application.
- 4. 16 Clarke Street Preliminary Subdivision
 Public meeting for a preliminary subdivision to divide the property into 3 lots on a cul-de-sac.
- 329 Massachusetts Avenue Preliminary Subdivision
 Public meeting for a preliminary subdivision to divide the property into 2 lots.
- 6. 125 Hartwell Avenue Preliminary Subdivision
 Public meeting for a preliminary subdivision to divide the property into 3 lots on a cul-de-sac.
- 7. 473 & 477 Lowell Street ANR (Approval Not Required)
 Approval Not Required (ANR) Plan to reconfigure side lot lines at 473
 Lowell Street and 477 Lowell Street, also known as Map 54, Lots 146 & 145.
- 8. 185, 187-189 Bedford Street ANR (Approval Not Required)

Approval Not Required (ANR) Plan to combine the two lots at 185 Bedford Street and 187-189 Bedford Street, also known as Map 64, Lots 72 and 73A.

Board Administration

- 1. Board Member & Staff Updates
- 2. Review of Draft Meeting Minutes: 3/12 & 3/27/25

 Review and vote on draft meeting minutes for the March 12 and March 27, 2025 meetings.
- 3. Upcoming Meetings
 Review upcoming meeting schedule: Wednesdays 5/7, 5/28, 6/11, 6/25, and 7/16.

Adjourn

1. Adjourn – The meeting will continue until all items are finished. The estimated adjournment time is 9:30 pm.

The meeting will continue until all items are finished. The estimated adjournment time is 9:30 pm.

Zoom Meeting Details

1. Zoom Details - https://www.lexingtonma.gov/377/Access-Virtual-Meetings

Topic: Planning Board Meeting

Time: Apr 17, 2025 06:00 PM Eastern Time (US and Canada)

Join Zoom Meeting

https://lexingtonma.zoom.us/j/82672499911? pwd=BCctYjNFUJP4J6uneEbckbG797azqC.1

Meeting ID: 826 7249 9911

Passcode: 879938



Meeting broadcast by LexMedia

AGENDA ITEM SUMMARY

LEXINGTON PLANNING BOARD

AGENDA ITEM TITLE:

162 Bedford Street & 5 Reed Street - Preliminary Subdivision

PRESENTER:

NUMBER:

SUMMARY:

Application of Bob Phelan, for approval of a preliminary subdivision plan under §175-5.0 of the Planning Board's Subdivision Regulations. Application proposes subdividing property into 3 lots.

The properties are located at 162 Bedford Street and 5 Reed Street, Lexington, MA also known as Map 64, Lot 65 and 66 in the CN (Neighborhood Business), RS (One Family Dwelling) and VO (Village Overlay) zoning districts.

Application materials may be viewed online at https://lexingtonma.portal.opengov.com/records/102143. Staff recommends accepting the applicant's continuance request to the May 7 meeting without discussion.

SUGGESTED MOTION:

Move to accept the Applicant's request to continue the public hearing for the proposal at 162 Bedford Street and 5 Reed Street to **Wednesday**, **May 7**, **2025** at or after 6:00 pm on Zoom.

Cover Memo

Move to accept the Applicant's request to extend the final action deadline to June 1, 2025.

FOLLOW-UP:

DATE AND APPROXIMATE TIME ON AGENDA:

4/17/2025

ATTACHMENTS:

Description Type



Town of Lexington PLANNING BOARD

1625 Massachusetts Avenue Lexington, MA 02420 Tel (781) 698-4560 planning@lexingtonma.gov www.lexingtonma.gov/planning Michael Schanbacher, Chair Robert Creech, Vice Chair Melanie Thompson, Clerk Charles Hornig, Member Tina McBride, Member Michael Leon, Associate Member

RECEIVED

11:38 am, Apr 10 2025

Date: April 9, 2025

Lexington Planning Board

TOWN CLERK
LEXINGTON MA

Re: Request for Continuance/Extension of Constructive Approval Date:

Project Address: 162 Bedford Street (Map 64, Block 66) and 5 Reed Street (Map 64, Block 65)

To the Lexington Planning Board:

onathan M. Silverstein

I am hereby requesting that the public discussion of the preliminary subdivision plan application submitted on March 6, 2025, be held on <u>May 7, 2025</u>. I hereby agree to this continuance and further agree to extend any public hearing and action deadlines as follows to allow more time to update plans to submit requested material.

Currently Scheduled Meeting Date: April 17, 2025

Decision deadline date: Original deadline is April 21, 2025. **Applicant hereby agrees to extend the** <u>deadline to June 1, 2025.</u>

Respectfully,

Print Name: Jonathan Silverstein, attorney for the applicant

AGENDA ITEM SUMMARY

LEXINGTON PLANNING BOARD

AGENDA ITEM TITLE:

450 Marrett Road - Preliminary Subdivision

PRESENTER:

ITEM
NUMBER:

Board Discussion

SUMMARY:

The Planning Board will hold a virtual public meeting on the application of Tara Curtin, for approval of a preliminary subdivision plan under §175-5.0 of the Planning Board's Subdivision Regulations. Application proposes subdividing property into 2 lots.

The property is located at 450 Marrett Road, Lexington, MA also known as Map 33, Lot 83 in the RS (One Family Dwelling) and VO (Village Overlay) zoning districts.

Application materials may be viewed online at https://lexingtonma.portal.opengov.com/records/102244. Staff recommends accepting the applicant's continuance request without discussion

SUGGESTED MOTION:

Move to accept the Applicant's request to continue the public hearing for the proposal at 450 Marrett Road to **Wednesday, May 7, 2025** at or after 6:00 pm on Zoom.

Move to accept the Applicant's request to extend the final action deadline to June 1, 2025.

FOLLOW-UP:

DATE AND APPROXIMATE TIME ON AGENDA:

4/17/2025

ATTACHMENTS:

Description Type

Continuance request - 450 Marrett Road

Cover Memo



Town of Lexington PLANNING BOARD

1625 Massachusetts Avenue Lexington, MA 02420 Tel (781) 698-4560 planning@lexingtonma.gov www.lexingtonma.gov/planning Michael Schanbacher, Chair Robert Creech, Vice Chair Melanie Thompson, Clerk Charles Hornig, Member Tina McBride, Member Michael Leon, Associate Member

RECEIVED

11:36 am, Apr 10 2025

Date: April 9, 2025

Lexington Planning Board

TOWN CLERK

LEXINGTON MA

Re: Request for Continuance/Extension of Constructive Approval Date:

Project Address: 450 Marrett Road (Map 33, Parcel 83)

To the Lexington Planning Board:

onathan M. Silverstein

I am hereby requesting that the public discussion of the preliminary subdivision plan application submitted on March 6, 2025, be held on <u>May 7, 2025</u>. I hereby agree to this continuance and further agree to extend any public hearing and action deadlines as follows to allow more time to update plans to submit requested material.

Currently Scheduled Meeting Date: April 17, 2025

Decision deadline date: Original deadline is April 21, 2025. <u>Applicant hereby agrees to extend the deadline to June 1, 2025.</u>

Respectfully,

Print Name: Jonathan Silverstein, attorney for the applicant

AGENDA ITEM SUMMARY

LEXINGTON PLANNING BOARD

AGENDA ITEM TITLE:

7 Hartwell Avenue - Continued public hearing

PRESENTER:

ITEM
NUMBER:

Applicant: Dinosaur Capital Partners LLC

SUMMARY:

The Planning Board will re-open the continued public hearing on the application of Dinosaur Capital Partners LLC, for a major site plan review under §135-7.5 [Village & Multi-Family Overlay Districts] and 9.5 [Site Plan Review] of the Zoning Bylaw and Article VI of §181-71 Stormwater Management Regulations. Proposal also requests a special permit, pursuant to Section 5.1.14 and 5.1 [Off-Street Parking and Loading]. Application is to construct a 130-unit multifamily property in a five-story building with a small café, indoor bicycle parking spaces and outdoor visitor bicycle parking spaces, underground and surface automobile parking spaces, communal tenant amenities, and improved site amenities.

The property is located at 7 Hartwell Avenue, Lexington, MA also known as Map 84, Lot 81 in the CM (Manufacturing) and VHO (Village High- Rise Overlay) zoning districts.

Application materials may be viewed on the Planning Board's webpage under Current Projects at (Click files tab): https://lexingtonma.portal.opengov.com/records/99194

A staff memo and peer review memo are attached.

The Applicant will present updates since the last meeting, staff and peer review consultant will give an update, and board members will discuss and ask questions. The Chair will then open the hearing up to public comments. After public comments the Board will return to discussion among board members. Staff recommends approval and will prepare a draft approval decision with conditions for the Board's review.

SUGGESTED MOTION:

Move to close the public hearing for the site plan review and special permit application for 7 Hartwell Avenue.

Waivers:

- 1) Move to grant a partial waiver of the Tree Bylaw because the project's tree removal on the property is best mitigated with the proposed landscape planting plan that meets the tree replacement requirements on the project site and with a condition of approval requiring a tree protection plan prepared by a certified arborist.
- 2) Move to waive the strict requirements of §176-12.4.2.7 requiring each bicycle parking space to be at least 6 ft. x 2 ft. The Board finds this proposal meets the intent and purposes of this requirement by providing easy

access in a double rack system.

3) Move to waive the strict requirements of §176-12.4.2.9 prohibiting bicycle parking from being lifted off the floor. The Board finds this proposal is acceptable to meet the intent and purposes of this requirement by providing easy access for bicycle storage with 64 of the 195 bicycle spaces in a lift assisted system.

Special Permit:

Move to grant the special permit from Section 5.1.11.3 to allow the driveway, maneuvering aisle, and some parking spaces within 25 ft. of the unbuilt portion of Westview Street.

Site Plan Review & Stormwater Permit:

Move to approve the proposal submitted by Dinosaur Capital Partners LLC at 7 Hartwell Avenue with the findings and conditions included in the draft approval decision prepared by staff and the 69 conditions as may be modified this evening.

Move to have the Chair sign the decision and correct any non-substantive changes such as grammar, typos, and for consistency.

FOLLOW-UP:

DATE AND APPROXIMATE TIME ON AGENDA:

4/17/2025

ATTACHMENTS:

	Description	Type
D	Peer Review Memo 4.11.25	Cover Memo
D	Staff Memo 4.11.25	Cover Memo



April 11, 2025

Lexington Planning Board c/o Abbigail McCabe, Planning Director 1625 Massachusetts Avenue Lexington, MA 02420

Subject: Planning Board Project No. PLAN-24-26

7 Hartwell Avenue, Lexington, MA

Peer Review Letter #3

Dear Chair Schanbacher and Board Members,

Hancock Survey Associates, Inc. (Hancock) has received and reviewed the Nitsch response letter, dated 4/2/25, as well as the revised site plan submission in support of the Site Plan Review and Special Permit application filed by Dinosaur Capital Partners LLC for a proposed development at 7 Hartwell Avenue.

Hancock received and reviewed the following documents and plans:

- A Site Plan Review plan set entitled, "7 Hartwell; Lexington, MA; Dinosaur Capital Partners; Site Plan Review 04/02/2025," prepared by Nitsch Engineering, revised 4/2/2025;
- 2. A stormwater report entitled "Stormwater Report; 7 Hartwell Avenue Housing Development," prepared for Dinosaur Capital Partners, LLC, prepared by Nitsch Engineering, revised April 2, 2025;
- A report entitled "Long-Term Pollution Prevention Plan and Stormwater Operation and Maintenance Plan; 7 Hartwell Avenue Housing Development," prepared for Dinosaur Capital Partners, LLC, prepared by Nitsch Engineering, revised February 19th, 2025;
- 4. A report entitled "DRAFT Stormwater Pollution Prevention Plan (SWPPP)," prepared for Dinosaur Capital Partners, LLC, prepared by Nitsch Engineering, dated 11/25/2024; and
- 5. A *response to comments* memorandum entitled "Planning Board Project No. PLAN 24-26; 7 Hartwell Avenue, Lexington, MA," prepared by Nitsch Engineering, dated April 2, 2025.



The Hancock comments from the Peer Review Letter #2 with Nitsch responses are reproduced below in their entirety.

LGB CH. 130, WETLAND PROTECTION & RULES ADOPTED BY LEXINGTON CONSERVATION COMMISSION

SECTION 5. Performance Standards

Per Standard (2), calculated runoff volumes shall be rounded to the nearest 1 cubic foot.

7. Runoff volumes in the stormwater report (Table 4) and the HydroCAD results should be revised from acre-feet to cubic feet.

Nitsch 2/10/25: Noted; this has been updated.

Hancock 3/4/25: The HydroCAD summary for "EXISTING – open space" still lists runoff volumes in acre-feet. However, Table 4 of the stormwater report lists the existing runoff volumes in cubic feet. These values are equal. ITEM CLOSED.

Nitsch 4/2/25: Noted. Hancock: ITEM CLOSED.

CIVIL PLAN SET COMMENTS

Sheet C-400

17. CB-106 appears unnecessary, as surface grading slopes away from the catch basin. Revise as needed.

Nitsch 2/10/25: This condition has been revised.

Hancock: Shift the proposed trench drain away from the property line, offsetting the expansion joint to the property line by at least one foot.

Nitsch 4/2/25: Noted – the trench drain has been shifted as requested.

Hancock: ITEM CLOSED.

Sheet C-704

29. In WATER QUALITY STRUCTURE DETAIL, revise peak flow rate for WQS#302 to 0.63 to agree with Link Summary in stormwater report.

Nitsch 2/10/25: The table has been updated.

Hancock: Revise peak flow rate for WQS#301 to 1.72 to agree with Link Summary.

Nitsch 4/2/25: Noted – this has been updated.

Hancock: ITEM CLOSED.

Sheet C-705

30. Add inlet and outlet inverts to OUTLET CONTROL STRUCTURE details. Add 2" plugged orifice in weir plate for OCS-1 at an elevation below invert (for potential future maintenance of chambers).

Nitsch 2/10/25: Inverts and the plugged orifice have been added to each detail.

Hancock: OCS-2 outlet pipe is higher than inlet pipe due to lack of invert information at the stormwater main in Hartwell Avenue. Hancock recommends adding a note to



C-400: "CONTRACTOR TO VERIFY DRAIN MANHOLE INVERT AND NOTIFY DESIGN ENGINEER. DRAINPIPE FROM OCS-2 AND DMH-207 TO EXISTING DRAIN MANHOLE TO BE LOWERED, IF POSSIBLE, TO ALLOW SUBSURFACE INFILTRATION SYSTEM #2 TO DRAIN COMPLETELY FOR MAINTENANCE." Add note to C-705 OUTLET CONTROL STRUCTURE #2 detail that the orifice is contingent on outlet pipe being lowered.

Nitsch 4/2/25: Noted – these notes have been added to the plans.

Hancock: ITEM CLOSED.

STORMWATER REPORT COMMENTS & MASSDEP STORMWATER MANAGEMENT STANDARDS

Appendix H

47. Remove the first two pages.

Nitsch 2/10/25: Please clarify what is to be removed – the first two pages are our phosphorus and TSS removal calculations.

Hancock: The 12/10/2024 stormwater report had two instruction sheets appended immediately after the "Appendix H" sheet and before the Phosphorus Removal Calculations sheets. These have been removed from the revised report. ITEM CLOSED. Nitsch 4/2/25: Noted – these notes have been added to the plans.

Hancock: ITEM CLOSED.

NEW NOTE 48. It appears the building corner is directly on the 50'-radius right-of-way line at the intersection. This would put the building foundation footing within the right-of-way. Hancock recommends the applicant and architect review the building location and projection as well as the constructability of keeping the footing outside the right-of-way line.

Nitsch 4/2/25: The foundation at the corner will be designed asymmetrically so that it does not extend over the property line.

Hancock: ITEM CLOSED.

All outstanding comments have been addressed. Please do not hesitate to contact our office should you have any questions or concerns.

Regards, Hancock Associates

Brian G. Geaudreau, PE Sr. Associate & Project Manager Robert M. DiBenedetto, PE Project Engineer



TOWN OF LEXINGTON PLANNING OFFICE

Lexington, Massachusetts 02420 Tel: 781-698-4560 planning@lexingtonma.gov www.lexingtonma.gov/planning

1625 Massachusetts Avenue

Abby McCabe, Planning Director Meghan McNamara, Assistant Director Aaron Koepper, Planner Carolyn Morrison, Planning Coordinator



To: Lexington Planning Board

From: Meghan McNamara, Assistant Planning Director

Re: Site Plan Review and Special Permit for 7 Hartwell Ave.; Village High-Rise Overlay District

Date: April 11, 2025 (Memo #3)

Staff confirm that the proposal is in compliance with the Zoning Bylaw and Planning Board Zoning Regulations. Applicant is requesting one (1) Special Permit and two (2) waivers as noted below and supported by staff. Staff recommend the Planning Board vote to close the public hearing and vote to issue a favorable decision with conditions. Staff recommend partial waiver of the Tree Bylaw for the protected trees removed on the project site and no separate tree permit to be required for the onsite protected trees.

The Applicant submitted a Request for Determination of Applicability (RDA) to the Conservation Commission for review and approval of the proposed connection to the town drainage system. The hearing was opened on February 3, 2025, continued to the March 24, 2025 meeting and further continued to April 25, 2025 without discussion. It is staff's understanding that the Conservation Commission will close it's hearing after the Planning Board hearing closes.

Peer review letter #3 from Brian Geaudreau, Hancock Associates, dated April 11, 2025 is provided under separate cover and reviews the site stormwater and utility plans under the local and state stormwater regulations as well as the Conservation Commission Performance Standards 5(2) and 5(6). All peer review comments to date have been addressed and there are no outstanding comments. The Conservation Commission hearing is scheduled for April 29.

On March 26, 2025 the project team met with Don Chisholm, Asst. Fire Chief, to discuss fire truck maneuvering on the site. The proposed site layout accommodates a fire truck entering from Hartwell and exiting onto Westview Street, and a fire truck entering from Westview Street and exiting onto Westview Steret. There are no outstanding comments from the Fire Department.

Applicant was able to eliminate the need for a Special Permit from 5.1.11.3 of the Zoning Bylaw by redesigning the garage entrance to be flush with the southwest wall. This redesign has increased the size of the resident courtyard area above.

Staff requests the Applicant provide a one-time contribution to the Hartwell Transportation Demand Management Overlay District (TMO-1) Stabilization fund to support transportation related capital projects in the Hartwell area. Applicant has also committed to providing a site transportation coordinator, long- and short-term bicycle parking, and a bus shelter at the corner of Westview and Hartwell.

In reponse to a comment made during the previous meeting, the Applicant confirms that the percentage of balconies on the inclusionary dwelling units (40% or 8 units) is proportional to the percentage of market-rate units with balconies (40%).

Staff Comments:

- Applicant is continuing to work with the Engineering Department and it's hired outside consultant to
 review proposed water and sewer calculations. It's unlikely that any analysis will be complete prior
 to Planning Board closing it's hearing, however Engineering staff don't anticipate any impacts to
 existing services based on recent analyses performed at 17 Hartwell Ave. Applicant will be
 responsible for filing and receiving approval from state and local officials for all utility connections
 and be responsible for any required mitigation.
- A zero-foot setback is permitted on all sides of the property. The proposal complies, however
 Applicant will need to seek approval from the Select Board for the installation of a bus shelter, new
 concrete sidewalk, tree plantings, removal of the guardrail, and retaining walls within the ROW.
- Applicant has provided an Average Natural Grade (ANG) worksheet and Height Calculation Form signed by the land surveyor. The site's ANG using 13 points is 141.44, measuring the proposed building height at 67.26 feet. The maximum allowed height is 70 feet.

Proposed Unit Count:

Unit-Type	Total Number	Market Rate	IDU/Affordable	Bedroom Count	Avg. Unit Size (SF)	% of Total
Studio	10	8	2	10	500	7.7%
Jr. 1 Bedroom	18	15	3	18	625	13.8%
1 Bedroom	44	38	8	44	660	33.8%
1+ Bedroom	18	15	1	18	800	13.8%
2 Bedroom	26	22	4	52	960	20%
3 Bedroom	14	12	2	42	1,065	10.8%

Vehicle and Bicycle Parking:

Vehicle Parking	Amount Require	d	Provided	Notes
Residential Vehicle Parking	1 car per unit	130	130 (90-garage, 40-surface)	In compliance
Commercial Vehicle Parking	1 per 5 seats, or 1 per 200 SF, whichever is greater	2	2 dedicated surface spaces	In compliance; if café greater than 15 seats or 600 SF will require more parking
Residential Long- Term Bike Parking	1.5 per unit	195	195	See waiver request
Residential Short- Term Bike Parking	0.1 per unit	13	14	In compliance
EV Vehicle Charging (Garage)	Min 4%	4	4	In compliance
EV Vehicle Charging (Surface Lot)	Min 4%	2	2	In compliance

Special Permits Required/Requested:

§135-5.1 and 9.4 of the Zoning Bylaw: Parking spaces and drive aisle within 25 feet of street line for parking within the Westview right-of-way out paper road layout. Staff support the Applicant's request due to the irregular shape of the lot, the fact that it is surrounded by street lines on all sides, and Westview Street, in staff's opinion, is unlikely to be built out.

Waivers Required/Requested:

<u>12.4.2.9 of the Planning Board Zoning Regulations</u>: parking shall not require lifting bicycles off the floor or carrying bicycles up or down stairs. Staff support this waiver request because 67% (131) of the long-term bike spaces are at-grade and the remaining 33% (64) are in the 'Dero Decker' lift-assist rack system

<u>12.4.2.7 of the Planning Board Zoning Regulations</u>: each bicycle parking spaces shall be at least six feet by two feet. This is not met for 33% of bikes in the lift-assist rack. Applicant proposes 4 oversized spaces (3'x10')

Landscaping & Tree Removal:

- Applicant proposes the removal of 13 trees (totaling 148 DBH inches removed) within the town rightof-way along Hartwell Ave and Westview St. Removal of public shade trees requires an application and a public hearing with the Tree Warden, pursuant to §120-7. Staff recommends any trees that are removed be required to be replaced in the Hartwell Ave. right of way.
- Within the setbacks on the property, 50 trees (totaling 634 DBH inches removed) are proposed for removal. This equates to 734 DBH inches required for replanting under the Tree Bylaw for on-site tree removal. Applicant proposes exactly 734 caliper inches for replacement both on site and within the ROW. Per the Tree Bylaw, planting may occur in the Town right-of-way with permission of the Tree Warden.
- Under MA Chapter 87, the street trees may not be removed unless permission is given by the Tree
 Warden (if there are no objections) or the Select Board (on consideration of any objections), after
 the public tree hearing. If trees are proposed for removal after that hearing, the applicant shall have
 the trees appraised by a certified arborist and pay the appraised value of the trees removed to the
 Tree Fund in accordance with § 120-8C.

Important Dates/Timelines					
Public Meeting January 30, 2025, continued to March 12, 2025					
and further continued to April 17, 2025					
Filed with Town Clerk	December 20, 2024				
Decision Deadline (150 days)	May 19, 2025				

AGENDA ITEM SUMMARY

LEXINGTON PLANNING BOARD

AGENDA ITEM TITLE:

16 Clarke Street - Preliminary Subdivision

PRESENTER:

ITEM NUMBER:

Applicant: North Shore Residential Development

SUMMARY:

The Planning Board will hold a virtual public meeting on the application of North Shore Residential Development, Inc., for approval of a preliminary subdivision plan under §175-5.0 of the Planning Board's Subdivision Regulations. Application proposes subdividing property into 3 lots on a cul-de-sac. The property is located at 16-16 Clarke Street, Lexington, MA also known as Map 49, Lot 79 in the CB (Central Business) and MFO (Multi-Family Overlay) zoning districts. The property is also in the Battle Green Historic District. Any exterior changes including new construction require review and approval by the Historic District Commission.

Application materials may be viewed online at https://lexingtonma.portal.opengov.com/records/102157. Staff recommends approval with conditions to be incorporated into the definitive subdivision plan submission.

SUGGESTED MOTION:

Staff recommends approval with conditions of items to be incorporated into a definitive subdivision plan submission.

Move to approve the preliminary subdivision plan with conditions for 16 Clarke Street as outlined in the draft approval prepared by staff.

FOLLOW-UP:

DATE AND APPROXIMATE TIME ON AGENDA:

4/17/2025

ATTACHMENTS:

Description Type

□ Preliminary Subdivision Plan Set Exhibit



GRAPHIC SCALE

SCALE: 1"=80'

PRELIMINARY SUBDIVISION PLAN

16 CLARKE STREET LOCATED IN LEXINGTON, MASSACHUSETTS

(MIDDLESEX COUNTY) DATE: MARCH 9, 2025

APPLICANT:

NORTH SHORE RESIDENTIAL DEVELOPMENT, INC

215 SALEM STREET WOBURN, MA 01801 (781) 932-1776

ENGINEER:

SULLIVAN ENGINEERING GROUP, LLC

P.O. BOX 2004 WOBURN, MA 01888 (781) 854-8644

RECORD OWNERS:

ASSESSOR'S MAP 49, LOT 79-1 #16 CLARKE STREET #1 #16 CLARKE STREET #2 JOHN Q. ZHANG YILIN ZHANG, TRUSTEE 16 CLARKE STREET 16 CLARKE STREET #B2 LEXINGTON, MA 02421 LEXINGTON, MA 02421 - DEED BOOK 34105, PAGE No. 339

ASSESSOR'S MAP 49, LOT 79-5 #16 CLARKE STREET #5 B5 LLC

16 CLARKE STREET #13 LEXINGTON, MA 02421 - DEED BOOK 81723, PAGE No. 37

ASSESSOR'S MAP 49, LOT 79-14 #16 CLARKE STREET #14 16-14 CLARKE STREET LLC 7 FAIRBANKS ROAD LEXINGTON, MA 02421

- DEED BOOK 71487, PAGE No. 233

ASSESSOR'S MAP 49, LOT 79-22 #16 CLARKE STREET #22 HANA LAZNICKOVA 32 ROCKMONT ROAD BELMONT, MA 02478

- DEED BOOK 37163, PAGE No. 337 - DEED BOOK 63446, PAGE No. 531

ASSESSOR'S MAP 49, LOT 79-2

- DEED BOOK 49129, PAGE No. 186

ASSESSOR'S MAP 49, LOT 79-11 #16 CLARKE STREET #11 SAMUEL J. ANDONIAN, TRS. 34 GARLAND ROAD LINCOLN, MA 01773

– DEED BOOK 80304, PAGE No. 121 ASSESSOR'S MAP 49. LOT 79-15 #16 CLARKE STREET #15

DENTAL MINUTEMAN LLC 16 CLARKE STREET, SUITE 15 LEXINGTON, MA 02421

ASSESSOR'S MAP 49, LOT 79-23 #16 CLARKE STREET #23 HEIDI LACK, TR. 16 CLARKE STREET, SUITE 23 LEXINGTON, MA 02421

ASSESSOR'S MAP 49, LOT 79-3 #16 CLARKE STREET #3 RICHARD YILIN ZHANG 16 CLARKE STREET LEXINGTON, MA 02421

– DEED BOOK 55523, PAGE No. 367

ASSESSOR'S MAP 49, LOT 79-12 #16 CLARKE STREET #12 ROBERT W. ASTAPOVEH 16 CLARKE STREET #12

LEXINGTON, MA 02421 – DEED BOOK 80602, PAGE No. 134

ASSESSOR'S MAP 49. LOT 79-16 #16 CLARKE STREET #16 ELISHA ADAMS, TRUSTEE 16 CLARKE STREET LEXINGTON, MA 02421

- DEED BOOK 55959, PAGE No. 530 - DEED BOOK 52108, PAGE No. 267

ASSESSOR'S MAP 49, LOT 79-4 #16 CLARKE STREET #4 RICHARD ZHANG 16 CLARKE STREET #4 LEXINGTON, MA 02421

- DEED BOOK 68874, PAGE No. 496

ASSESSOR'S MAP 49, LOT 79-13 #16 CLARKE STREET #13 TAMAR A. MYERS 16 CLARKE STREET #13 LEXINGTON, MA 02421 - DEED BOOK 44434. PAGE No. 109

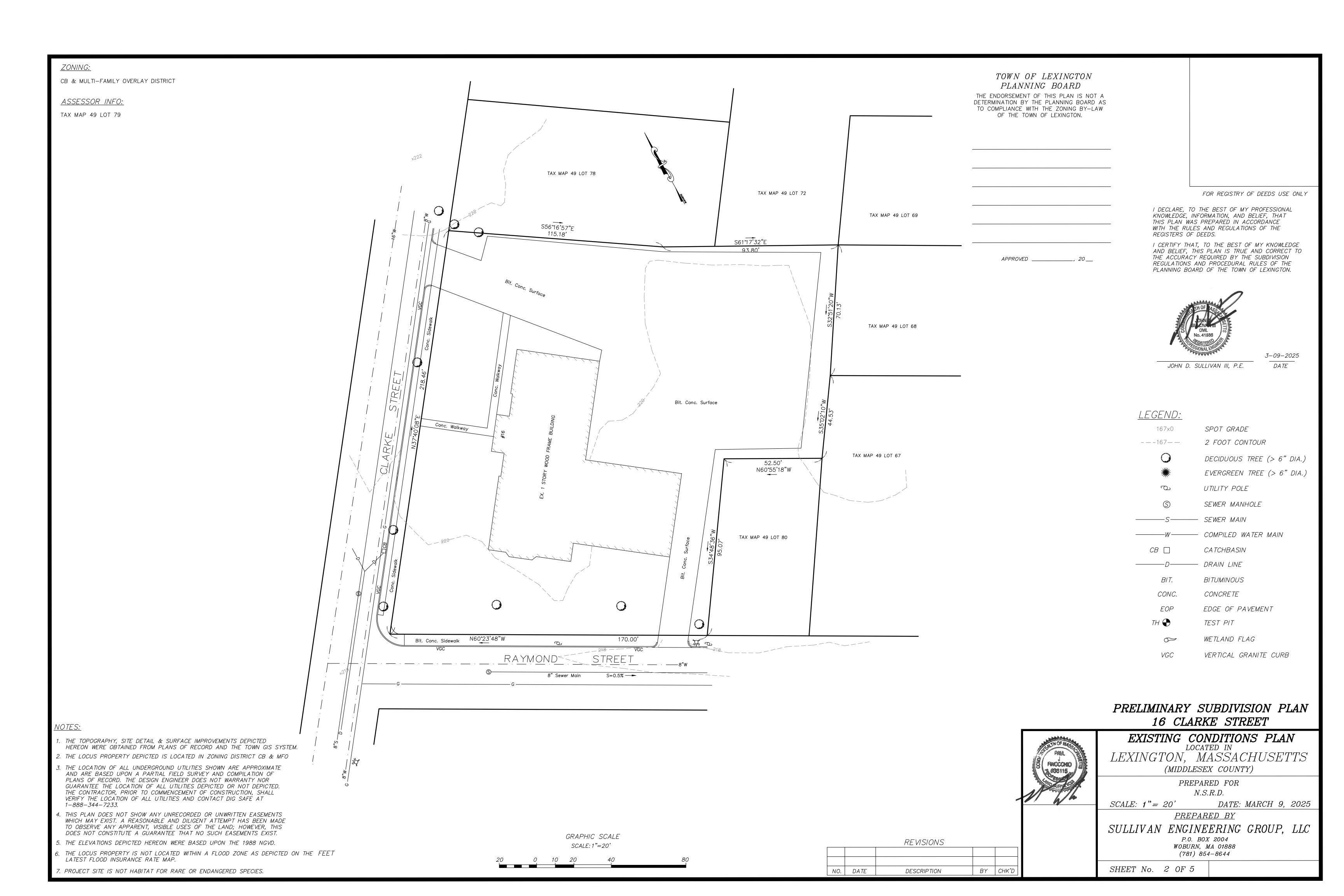
ASSESSOR'S MAP 49, LOT 79-21 #16 CLARKE STREET #21 GOLDEN ENTERPRISES, LLC 16 CLARKE STREET, UNIT 21

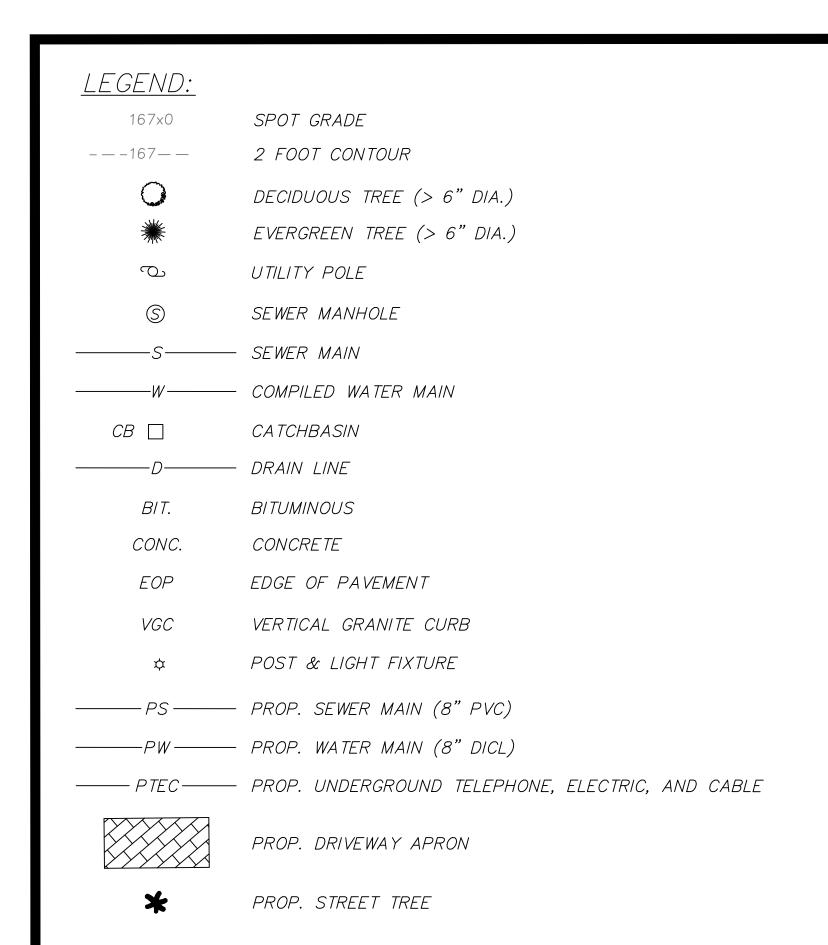
LEXINGTON, MA 02421 – DEED BOOK 76702, PAGE No. 312

SHEET INDEX:

- COVER SHEET & LOCUS MAP
- EXISTING CONDITIONS PLAN
- SITE CONSTRUCTION PLAN
- GEOMETRIC PROOF PLAN
- SITE CONSTRUCTION DETAILS







ZONING TABLE:

	СВ	MFO
		MULTI-FAMILY OVERLAY
MIN LOT SIZE (SF)	N/A	DOES NOT APPLY
MIN LOT FRONTAGE (FT)	20	0
MIN. FRONT YARD (FT)	10	0-15
MIN. SIDE YARD (FT)	N/A	15
MIN. REAR YARD (FT)	10	15
MIN. SIDE & REAR YARD ADJACENT TO A RESIDENTIAL DISTRICT (FT)	30	DOES NOT APPLY
MAX. NON-RESIDENTIAL FLOOR AREA RATIO (FAR)	2.0	NOT RESTRICTED
LOT COVERAGE (%) MAX	N/A	NOT RESTRICTED
INSTITUTIONAL BUILDINGS, MAX. HEIGHT		
IN STORIES:	2	NOT RESTRICTED
IN FEET:	30	52
OTHER BUILDINGS,		
MAX. HEIGHT		
IN STORIES:	2	NOT RESTRICTED
IN FEET:	25	52

MINOR RESIDENTIAL STREET: WIDTH OF PROPOSED RIGHT-OF-WAY: 40' MINIMUM PAVEMENT WIDTH: 24' MAXIMUM PROPOSED GRADE: 8% MINIMUM PROPOSED GRADE: 1% MAXIMUM PROPOSED GRADE WITHIN 75' OF INTERSECTIONS: 2% PROPOSED CENTERLINE RADIUS: 150'

PROPOSED RADIUS OF RIGHT-OF-WAY ROUNDING: 25'

TAX MAP 49 LOT 78 TAX MAP 49 LOT 72 TAX MAP 49 LOT 69 S56°16'57"E 115.18' S61°17'32"E 48.59' 9,876 S.F.± TAX MAP 49 LOT 68 Prop. 5' Wide Bit. Conc. Sidewalk 12,303 S.F.± Grass Plot Subsurface I Prop. 5' Wide Bit. Conc. Sidewalk TAX MAP 49 LOT 67 26.81' Transformer N60°55'18"W TAX MAP 49 LOT 80 Prop. Utility
Pole w/ risers

RAYMOND Add 22 l.f. of VGC to close existing S=0.5% ---∼Remove Utility Pole Remove 73 l.f. of VGC for new roadway opening GRAPHIC SCALE REVISIONS SCALE: 1"=20' DESCRIPTION

FOR REGISTRY OF DEEDS USE ONLY

I DECLARE, TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION, AND BELIEF, THAT THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS.

I CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE AND BELIEF, THIS PLAN IS TRUE AND CORRECT TO THE ACCURACY REQUIRED BY THE SUBDIVISION REGULATIONS AND PROCEDURAL RULES OF THE PLANNING BOARD OF THE TOWN OF LEXINGTON.



JOHN D. SULLIVAN III, P.E.

3-09-2025

DATE

TOWN OF LEXINGTON PLANNING BOARD

THE ENDORSEMENT OF THIS PLAN IS NOT A DETERMINATION BY THE PLANNING BOARD AS TO COMPLIANCE WITH THE ZONING BY-LAW OF THE TOWN OF LEXINGTON.

APPROVED ______, 20___

CONSTRUCTION

PRELIMINARY SUBDIVISION PLAN 16 CLARKE STREET



PREPARED FOR

N.S.R.D.

SCALE: 1"= 20'

DATE: MARCH 9, 2025 PREPARED BY

SULLIVAN ENGINEERING GROUP, LLC

P.O. BOX 2004 WOBURN, MA 01888 (781) 854-8644

SHEET No. 3 OF 5

LEGEND:

UTILITY POLE

BITUMINOUS CONCRETE

EOP EDGE OF PAVEMENT

VERTICAL GRANITE CURB

ZONING TABLE:

СВ	MFO
	MULTI-FAMILY OVERLAY
N/A	DOES NOT APPLY
20	0
10	0-15
N/A	15
10	15
30	DOES NOT APPLY
2.0	NOT RESTRICTED
N/A	NOT RESTRICTED
2	NOT RESTRICTED
30	52
2	NOT RESTRICTED
	52
	20 10 N/A 10 30 2.0 N/A

MINOR RESIDENTIAL STREET:

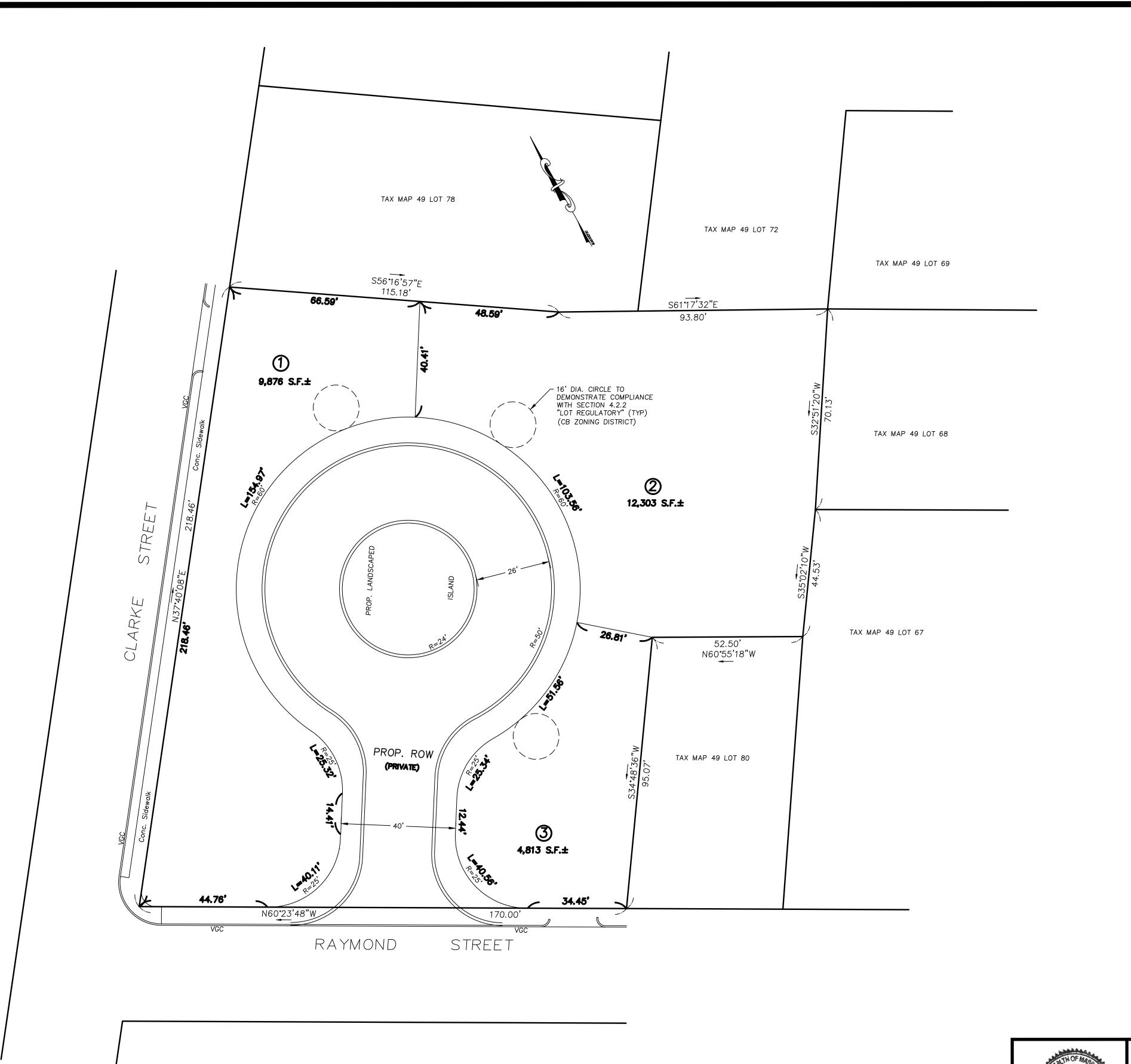
WIDTH OF PROPOSED RIGHT-OF-WAY: 40' MINIMUM PAVEMENT WIDTH: 24'

MAXIMUM PROPOSED GRADE: 8% MINIMUM PROPOSED GRADE: 1%

MAXIMUM PROPOSED GRADE WITHIN 75' OF INTERSECTIONS: 2%

PROPOSED CENTERLINE RADIUS: 150'

PROPOSED RADIUS OF RIGHT-OF-WAY ROUNDING: 25'



GRAPHIC SCALE

SCALE: 1"=20'

REVISIONS

FOR REGISTRY OF DEEDS USE ONLY

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JOHN D. SULLIVAN III, P.E.

3-09-2025 DATE

TOWN OF LEXINGTON PLANNING BOARD

THE ENDORSEMENT OF THIS PLAN IS NOT A DETERMINATION BY THE PLANNING BOARD AS TO COMPLIANCE WITH THE ZONING BY-LAW OF THE TOWN OF LEXINGTON.

APPROVED ______, 20___

NOT FOR CONSTRUCTION

PRELIMINARY SUBDIVISION PLAN 16 CLARKE STREET

GEOMETRIC PROOF PLAN

LOCATED IN
LEXINGTON, MASSACHUSETTS (MIDDLESEX COUNTY)

PREPARED FOR

N.S.R.D.

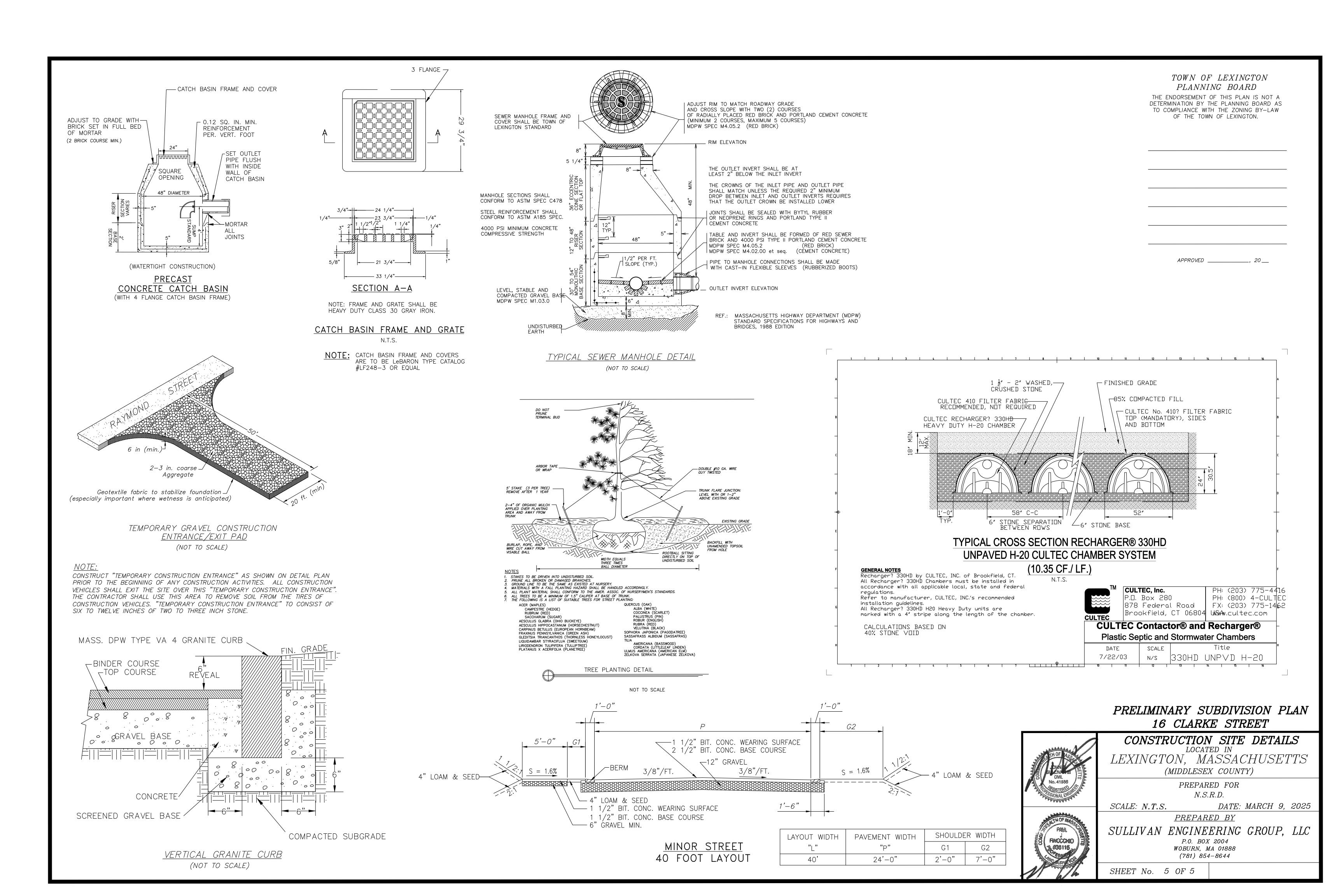
SCALE: 1"= 20' DATE: MARCH 9, 2025

<u>PREPARED BY</u>

SULLIVAN ENGINEERING GROUP, LLC

P.O. BOX 2004 WOBURN, MA 01888 (781) 854-8644

SHEET No. 4 OF 5



AGENDA ITEM SUMMARY

LEXINGTON PLANNING BOARD

AGENDA ITEM TITLE:

329 Massachusetts Avenue - Preliminary Subdivision

PRESENTER:

ITEM NUMBER:

Applicant Team: Fred Gilgun & Mike Novak

SUMMARY:

The Planning Board will hold a virtual public meeting on the application of Kathleen Maloney, for approval of a preliminary subdivision plan under §175-5.0 of the Planning Board's Subdivision Regulations. Application proposes subdividing property into 2 lots on a new right of way.

The property is located at 329 Massachusetts Avenue, Lexington, MA also known as Map 13, Lot 360 in the CRS (Retail Shopping) and VO (Village Overlay) zoning districts.

Application materials may be viewed online at https://lexingtonma.portal.opengov.com/records/102299.

SUGGESTED MOTION:

Move to *disapprove* the preliminary subdivision as submitted for 329 Massachusetts Avenue because the proposed subdivision does not comply with the Board's Subdivision Regulations as follows:

- 1) the center line of the paved area in the proposed road modification does not follow the center line of the right of way (Section 7.2.E(8)); and
- 2) Proposed street system is not designed to permit the safe, efficient and orderly movement of motor vehicles, pedestrians and cars (Section 7.2.A(1)(a))

Or,

Move to *approve* the preliminary subdivision plan with conditions to be incorporated into a Definitive Subdivision submission for 329 Massachusetts Avenue.

NOTE: A disapproval does not prevent the owner/applicant from submitting a definitive subdivision plan.

FOLLOW-UP:

DATE AND APPROXIMATE TIME ON AGENDA:

4/17/2025

ATTACHMENTS:

	Description	Type
ם	Preliminary Subdivision Plan Set	Exhibit
	Draft Approval	Cover Memo
D	Draft Disapproval	Cover Memo

NOTES:

- THE INFORMATION DEPICTED ON THIS PLAN HAS BEEN COMPILED FROM
 THE TOWN OF LEXINGTON GIS SYSTEM
- 2. LAND USE WITHIN 300 FEET OF THE SUBJECT PROPERTY CONSISTS OF A MIX OF SINGLE FAMILY DWELLINGS, AN APARTMENT COMPLEX AND COMMERCIAL USE

329 MASSACHUSETTS AVENUE ASSESSORS MAP 13 LOTS 360 PRELIMINARY SUBDIVISION PLAN LOCATED IN LEXINGTON, MA MARCH 7, 2025



PREPARED BY:





SHEET INDEX

C-6.1- C-6.5

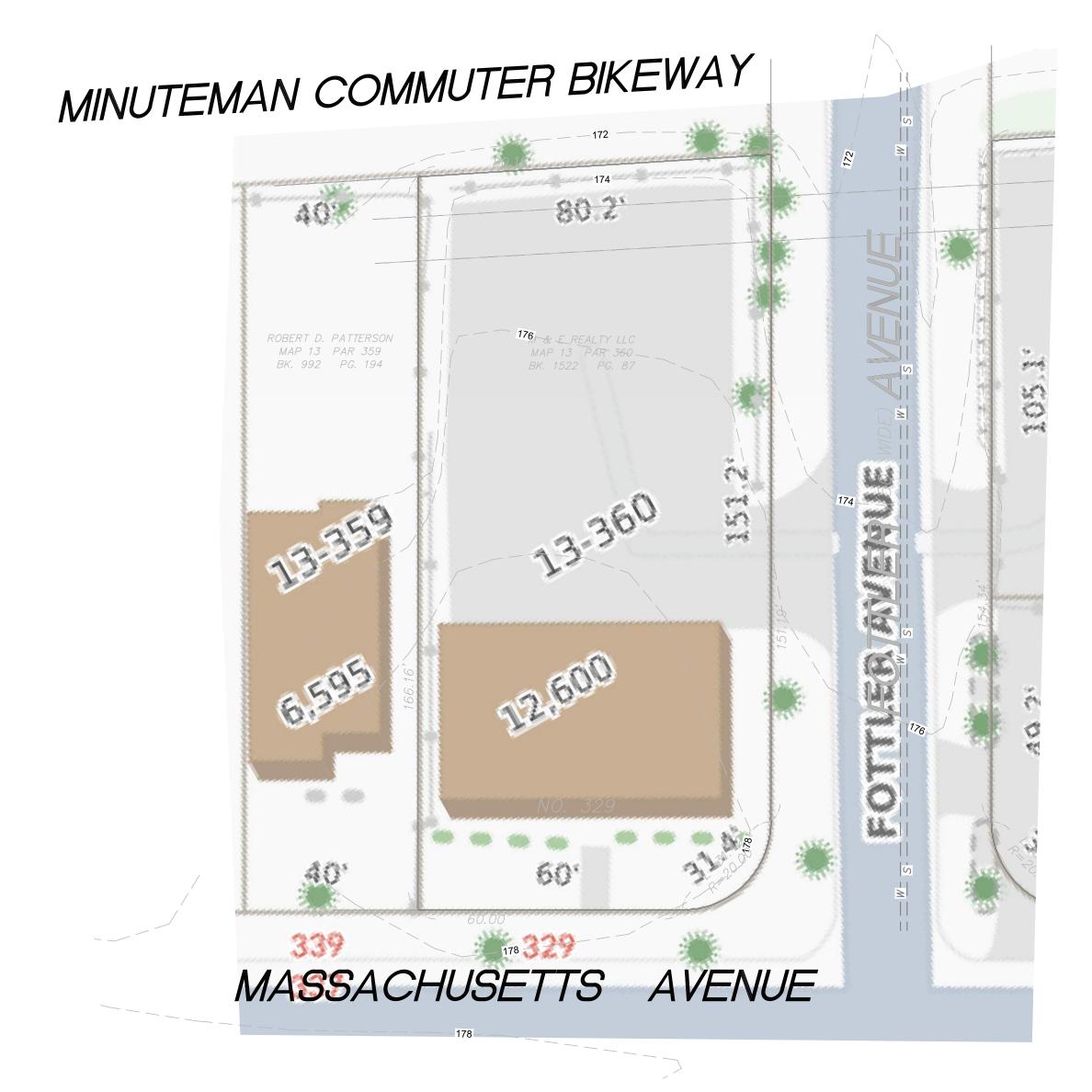
	COVER SHEET
C-1	EXISTING CONDITIONS PLAN
C-2	CONSTRUCTION MANAGEMENT PLAN
C-3	PRELIMINARY SUBDIVISION PLAN
C-4	SITE PLAN -GRADING AND DRAINAGE
C-5	SITE PLAN-UTILITY

DETAILS

RECORD OWNER:

THE TRI-S LEXINGTON REALTY TRUST,
TRI-S302 REALTY TRUST, AND
OXBOW REALTY TRUST VI
PO BOX 515
LEXINGTON, MA 02420

LOCUS CONTEXT MAP
(SCALE 1"=100')



NOTES:

- 1. THIS PLAN IS BASED ON A PARTIAL SURVEY PERFORMED ON THE GROUND BY KEENAN SURVEY, LEXINGTON GIS AND RECORD PLANS.
- 2. THE SUBJECT PROPERTY DEPICTED IS LOCATED WITHIN THE CRS ZONING DISTRICT.
- 3. THE SUBJECT PROPERTY IS DEPICTED AS LOT 360 ON THE TOWN OF LEXINGTON ASSESSOR'S
- 4. THE LOCATION OF ALL UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AND ARE BASED UPON A PARTIAL FIELD SURVEY AND PLANS OF RECORD. THIS PLAN DOES NOT GUARANTEE THE LOCATION OF UTILITIES DEPICTED. THE CONTRACTOR, PRIOR TO COMMENCEMENT OF CONSTRUCTION, SHALL VERIFY THE LOCATION OF ALL UTILITIES AND CONTACT DIG SAFE AT 1-888-344-7233.
- 5. THIS PLAN DOES NOT SHOW ANY UNRECORDED OR UNWRITTEN EASEMENTS WHICH MAY EXIST.

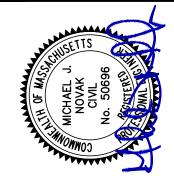
TABLE OF DIMENSIONAL REQUIREMENTS

TABLE OF DIMENSIONAL REQUIREMENTS						
ITEM	DECLUDEMENT					
<u>ITEM</u>	REQUIREMENT					
	ZONE: CRS ZONE: VO (VILLAGE OVERLAY					
MIN LOT AREA	15,500 S.F.	DOES NOT APPLY				
MIN FRONTAGE	125'	20'				
MIN FRONT YARD	30'	0' or 15'				
MIN SIDE YARD	15'	7.5' - 15'				
MIN REAR YARD	15'	15'				
MIN REAR YARD (ADJACENT TO RESIDENTIAL)	30'	DOES NOT APPLY				

ALL UNDERGROUND UTILITY DATA REPRESENTS RECORD INFORMATION RECOVERED THROUGH RESEARCH WITHOUT SURFACE DEMARCATION NOR SUBSURFACE VERIFICATION.

NOT FOR CONSTRUCTION

329 MASS AVE LEXINGTON, MA

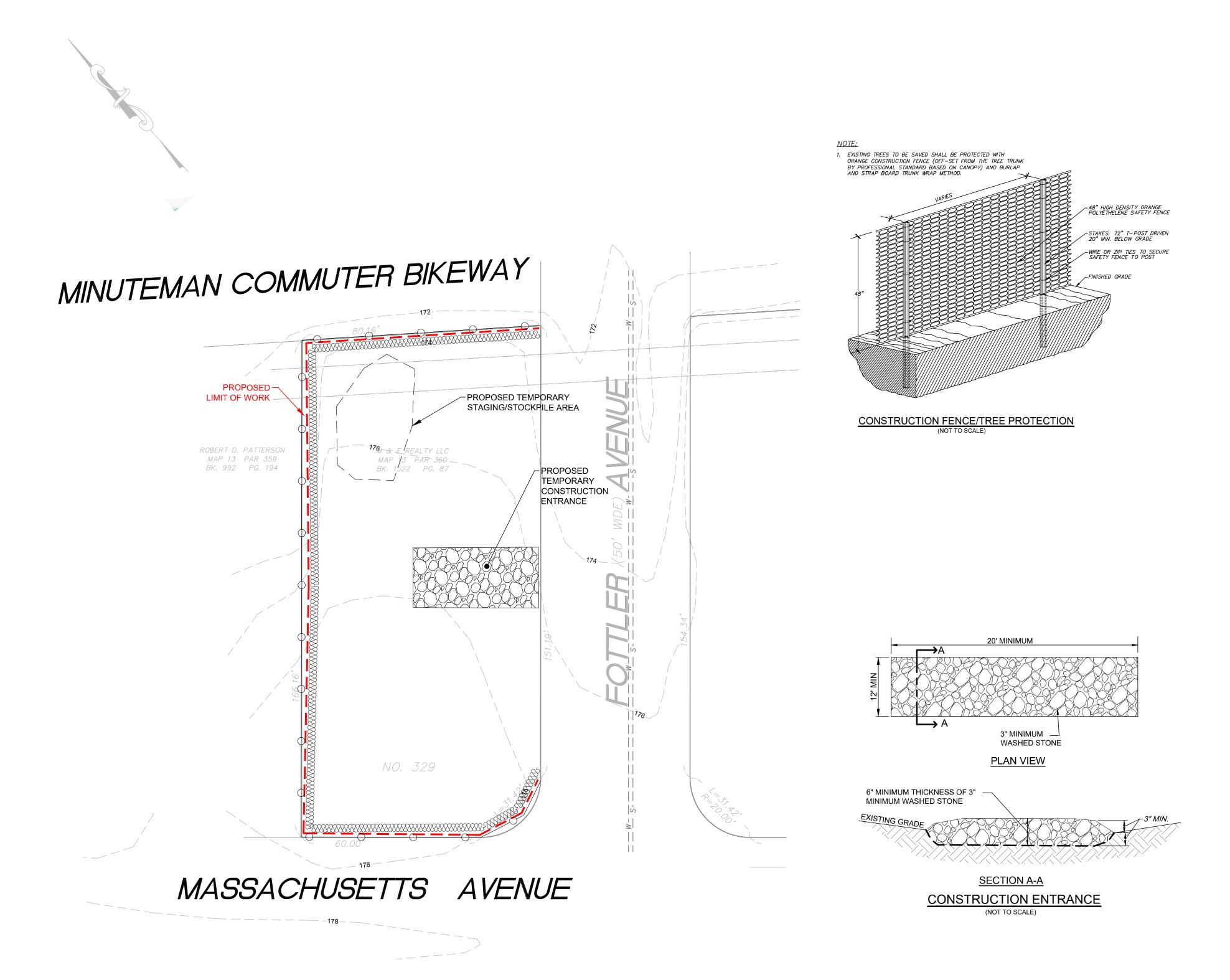


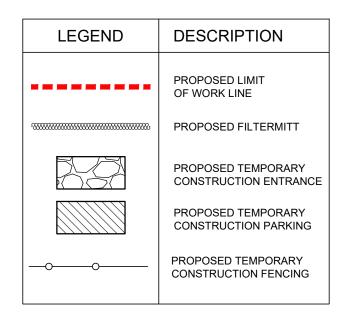


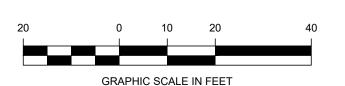


C - 1

SHEET







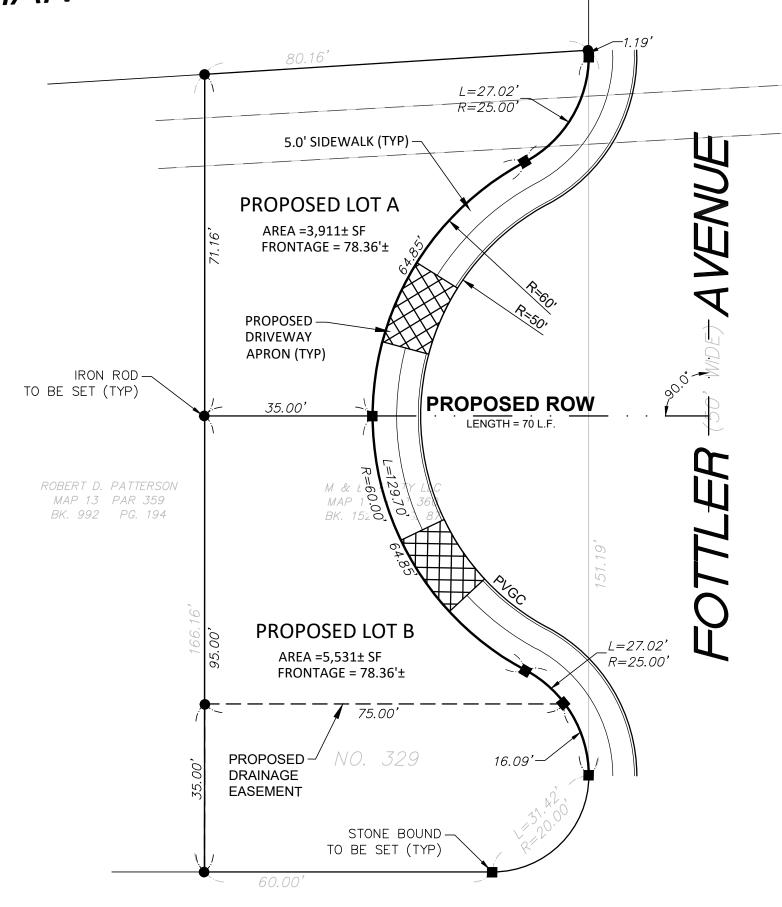
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		529 IVIASS AVE	LEXINGTON, MA			DATE: 3		
	REVISIONS	DESCRIPTION						
REVISIONS DESCRIPTION		ВУ						
REVISION		DATE						
REVISION BY		ASC A	KCHUS'	KAK SILS	9690	ACOUNTY OF	14 X	•





CONSTRUCTION MANAGEMENT PLAN



MASSACHUSETTS AVENUE



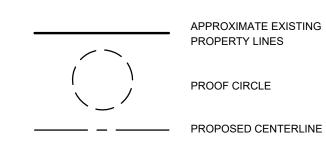
NOTES:

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TABLE OF DIMENSIONAL REQUIREMENTS

REQUIREMENT							
ZONE: CRS	ZONE: VO (VILLAGE OVERLAY)						
15,500 S.F.	DOES NOT APPLY						
125'	20'						
30'	0' or 15'						
15'	7.5' - 15'						
15'	15'						
30'	DOES NOT APPLY						
	15,500 S.F. 125' 30' 15' 15'						

LEGEND:



RADIUS TYPICAL

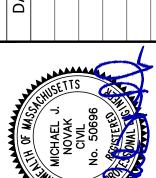
PROPOSED EDGE OF PAVEMENT SQUARE FEET

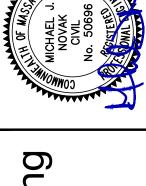
PROPOSED DRIVEWAY APRON

PROPOSED STONE BOUND

PROPOSED IRON ROD

329 MASS AVE LEXINGTON, MA



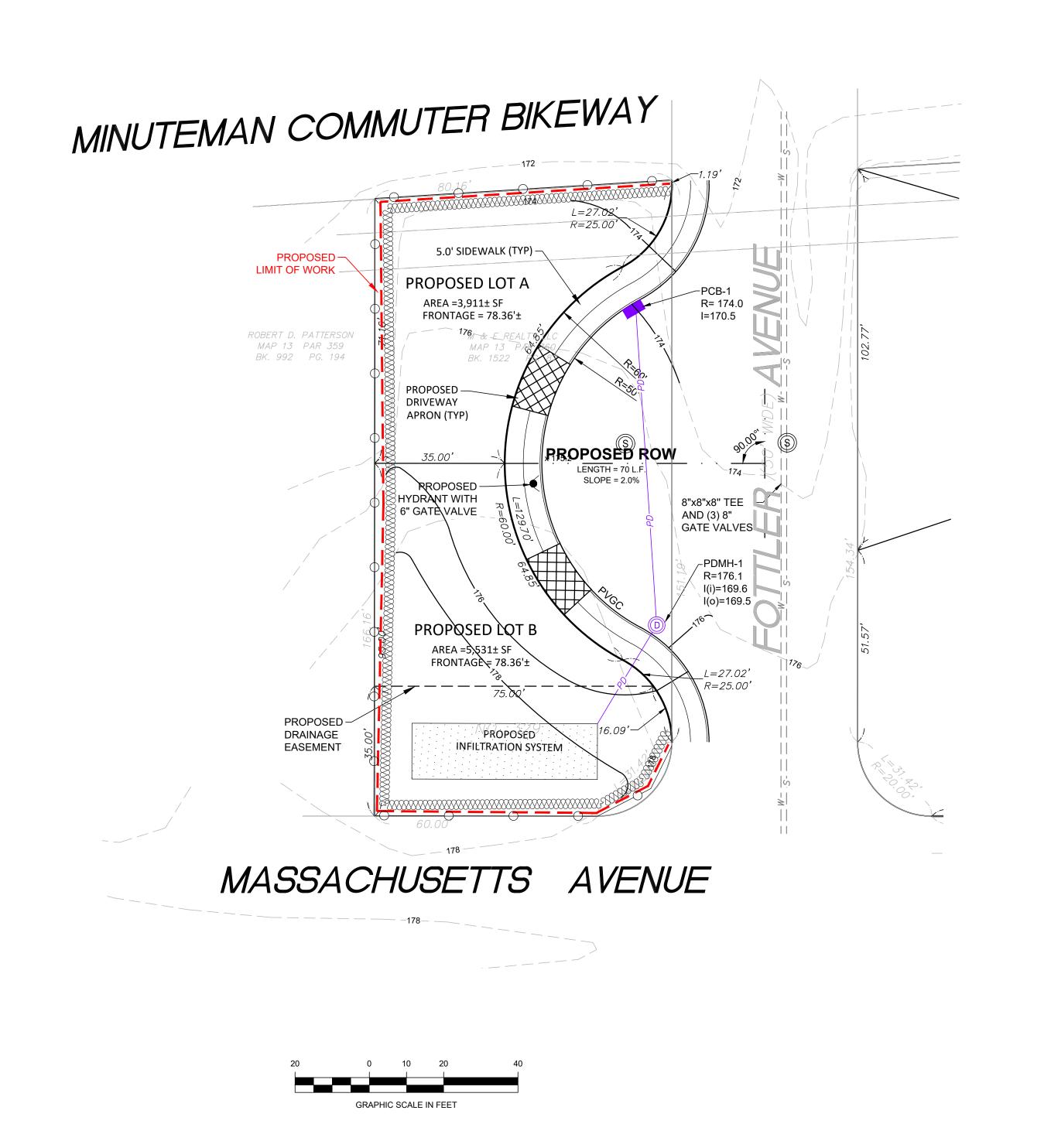






PRELIMINARY SUBDIVISION PLAN
LOCATED IN

C - 3



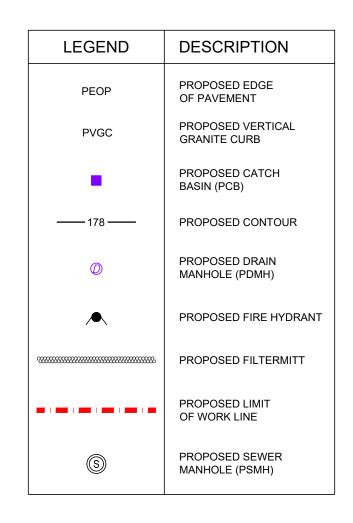


TABLE OF DIMENSIONAL REQUIREMENTS

TABLE OF DIMENSIONAL REQUIREMENTS											
<u>ITEM</u>	REQUIREMENT										
	ZONE: CRS	ZONE: VO (VILLAGE OVERLAY)									
MIN LOT AREA	15,500 S.F.	DOES NOT APPLY									
MIN FRONTAGE	125'	20'									
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MIN SIDE YARD	15'	7.5' - 15'									
MIN REAR YARD	15'	15'									
MIN REAR YARD (ADJACENT TO RESIDENTIAL)	30'	DOES NOT APPLY									

ALL UNDERGROUND UTILITY DATA REPRESENTS RECORD INFORMATION RECOVERED THROUGH RESEARCH WITHOUT SURFACE DEMARCATION NOR SUBSURFACE VERIFICATION.

NOT FOR CONSTRUCTION

DATE BY DESCRIPTION LEXINGTON, MA LEXINGTON, MA DRAWN BY: MVC DATE: 3-5-

PATRIOT Engineering
PO BOX 362
LEXINGTON, MASSACHUSETTS 02420
T: (978) 726-2654
www.patriot-eng.com

SITE PLAN - GRADING & DRAINAG
LOCATED IN
LEXINGTON, MA
(MIDDLESEX COUNTY)

SHEET C - 4

NOTES:

- 1. THE TOPOGRAPHY, SITE DETAIL & SURFACE IMPROVEMENTS DEPICTED HEREON WERE OBTAINED FROM A PLAN PREPARED BY MERIDIAN ASSOCIATES, INC.
- 2. THE SUBJECT PROPERTY DEPICTED IS LOCATED WITHIN THE RS ZONING DISTRICT.
- 3. THE SUBJECT PROPERTY IS DEPICTED AS LOTS 8,9 & 10D ON THE TOWN OF LEXINGTON ASSESSOR'S
- 4. THE LOCATION OF ALL UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AND ARE BASED UPON A PARTIAL FIELD SURVEY AND PLANS OF RECORD. THIS PLAN DOES NOT GUARANTEE THE LOCATION OF UTILITIES DEPICTED. THE CONTRACTOR, PRIOR TO COMMENCEMENT OF CONSTRUCTION, SHALL VERIFY THE LOCATION OF ALL UTILITIES AND CONTACT DIG SAFE AT 1-888-344-7233.
- 5. THIS PLAN DOES NOT SHOW ANY UNRECORDED OR UNWRITTEN EASEMENTS WHICH MAY EXIST.

LEGEND	DESCRIPTION
PEOP	PROPOSED EDGE OF PAVEMENT
PVGC	PROPOSED VERTICAL GRANITE CURB
•	PROPOSED CATCH BASIN (PCB)
©	PROPOSED DRAIN MANHOLE (PDMH)
PD	PROPOSED DRAIN LINE
PS	PROPOSED SEWER LINE
PWS	PROPOSED WATER SERVICE
PSS	PROPOSED SEWER SERVICE
.	PROPOSED FIRE HYDRANT
©	PROPOSED SEWER MANHOLE (PSMH)
PW	PROPOSED WATER LINE

MINUTEMAN COMMUTER BIKEWAY R=25.00'5.0' SIDEWALK (TYP) -PROPOSED -LIMIT OF WORK -PROPOSED LOT A AREA =3,911± SF FRONTAGE = 78.36'± ROBERT D. PATTERSON MAP 13 PAR 359 BK. 992 PG. 194 RIM=173.8 -PSMH-2 DRIVEWAY RIM=175.0 APRON (TYP) PROPOSED -ÄHYDRANT WITH 8"x8"x8" TEE 🖔 6" GATE VALVE AND (3) 8" GATE VALVES R=176.1 I(i)=169.6 PROPOSED LOT B AREA =5,531± SF FRONTAGE = 78.36'± PROPOSED-DRAINAGE PROPOSED EASEMENT INFILTRATION SYSTEM

MASSACHUSETTS AVENUE

GRAPHIC SCALE IN FEET

UTILITY NOTES:

- 1. ALL SEWER MAINS SHALL BE 8" SCH 40 PVC, UNLESS OTHERWISE NOTED.
- 2. ALL PROPOSED SEWER SERVICES SHALL BE 6" SCH 40 PVC AND AT A MINIMUM 2% SLOPE, UNLESS OTHERWISE NOTED.
- 3. ALL WATER MAINS SHALL BE 8" DI, UNLESS OTHERWISE NOTED.
- 4. ALL PROPOSED WATER SERVICES SHALL BE 1.5" COPPER, UNLESS OTHERWISE NOTED.
- 5. SEPARATION OF SEWER AND WATER LINES SHALL BE 18 INCHES (18") VERTICALLY OR 10 FEET (10') HORIZONTALLY, IF THIS CANNOT BE ACHIEVED THE SEWER SHALL BE INCASED
- 6. ALL STORM DRAIN MAINS AND LATERALS SHALL BE 12" SCHEDULE 40 PVC. (EXCEPT ROOF AND YARD DRAIN CONNECTIONS WHICH SHALL BE 6" SCHEDULE 40 PVC OR
- 7. ALL CABLE/POWER UTILITIES TO BE INSTALLED UNDERGROUND ONSITE



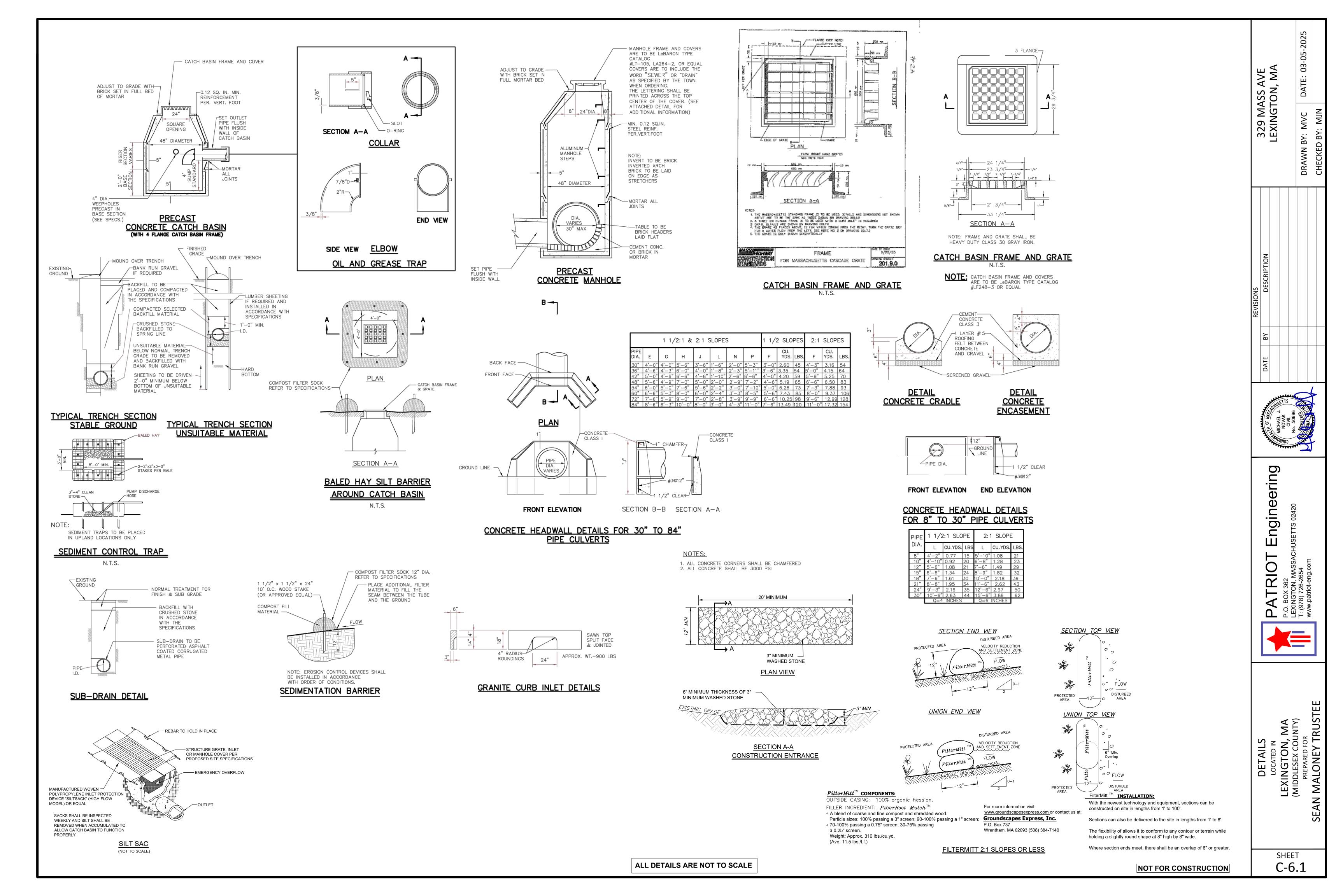
329 MASS AVE LEXINGTON, MA

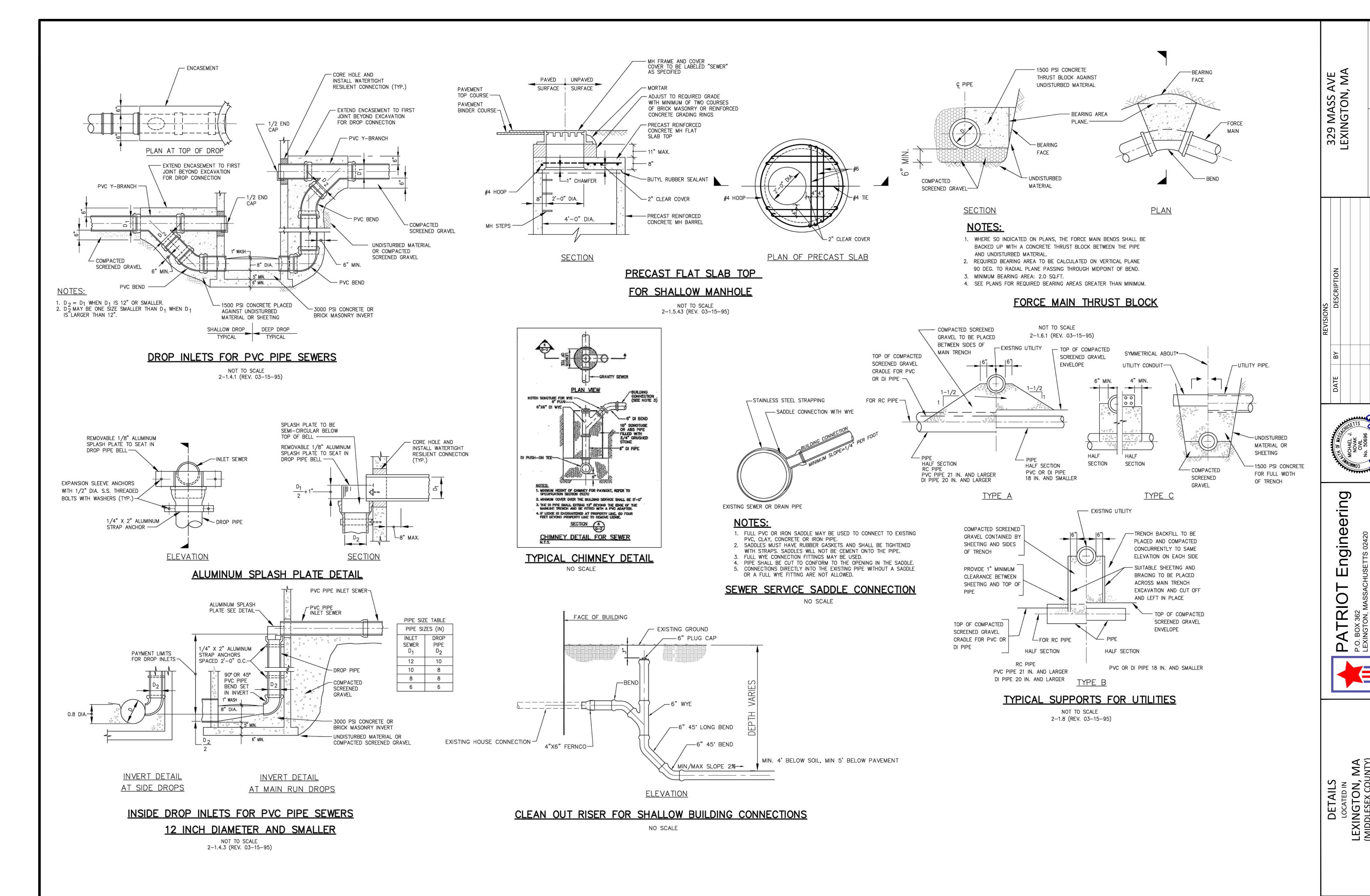


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NOT FOR CONSTRUCTION

SHEET C - 5

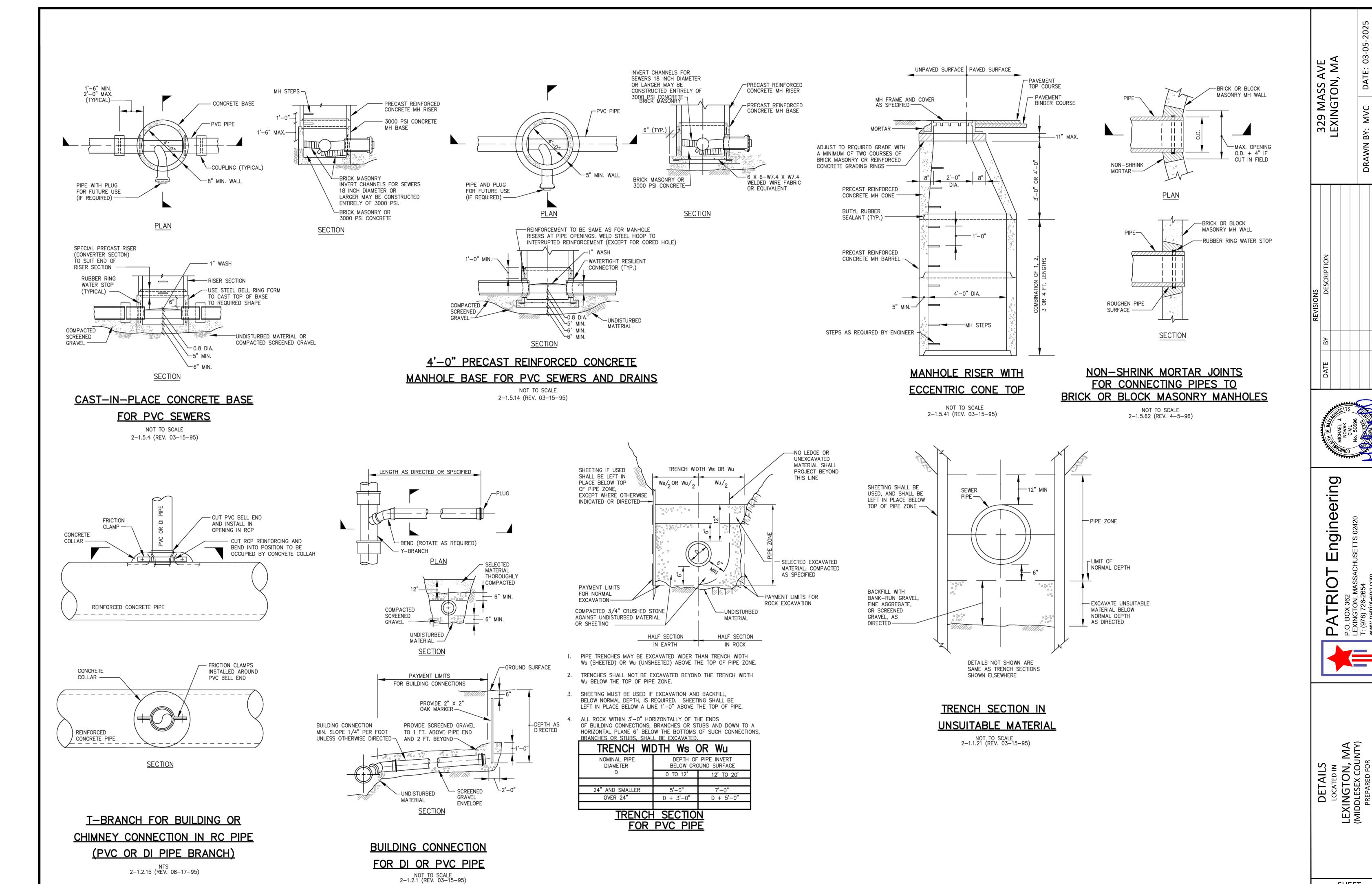




ALL DETAILS ARE NOT TO SCALE

NOT FOR CONSTRUCTION

STRUCTION SHEET C-6.2



NOT FOR CONSTRUCTION

SHEET **C-6.3**

ALL DETAILS ARE NOT TO SCALE

NOTES:

- 1. A 10' HORIZONTAL SEPARATION MUST BE MAINTAINED FROM THE SEWER SERVICE UNLESS OTHERWISE AUTHORIZED BY THE ENGINEERING DIVISION.
- 2. FOR SERVICE RENEWALS, TUBING SHALL BE REPLACED TO THE PROPERTY LINE UNLESS OTHERWISE AUTHORIZED BY THE ENGINEERING DIVISION.
- 3. WHERE AN EXISTING SERVICE IS BEING REPLACED TO THE MAIN, THE OLD SERVICE SHALL BE CAPPED AT THE CORPORATION. 4. THE WATER AND SEWER DIVISION MUST BE NOTIFIED IF LEAD OR STEEL
- SERVICES ARE ENCOUNTERED. SERVICE TAPS SHALL BE PERFORMED BY CONTRACTOR OR SUBCONTRACTOR
- AND ARE SUBJECT TO APPROVAL BY THE WATER DIVISION. 6. SERVICE TAPS GREATER THAN 1" REQUIRE A SADDLE AND ARE SUBJECT TO
- THE APPROVAL OF THE ENGINEERING DIVISION.
- 7. USE QUICK STYLE COMPRESSION CONNECTIONS FOR ALL SERVICE BRASS. 8. FOR 1" CONNECTIONS TO EXIST. 3/4" CURB STOP CONNECT ADAPTER DIRECTLY TO CURB STOP. MOST EXISTING CURB STOPS REQUIRE 3/4" X 1" FEMALE ADAPTERS FOR NEW ENGLAND STYLE THREADS.
- 9. ALL CONNECTIONS TO EXIST. CURB STOPS SHALL REPLACE SERVICE BOXES IF NOT BUFFALO STYLE. 10. WATER SERVICE SHALL INCLUDE A BALL VALVE WITH COMPRESSION FITTING
- JUST BEFORE METER. WATER SERVICE CONNECTION (1" MIN TO 2" MAX)

TOP FLANGE VALVE BOX TOP

WRAP VALVE AND VALVE BOX

RIGHT GATE VALVE

WITH POLYETHYLENE SHEET BEFORE BACK FILLING WITH

SCREENED GRAVEL.

NTS

COUPLING

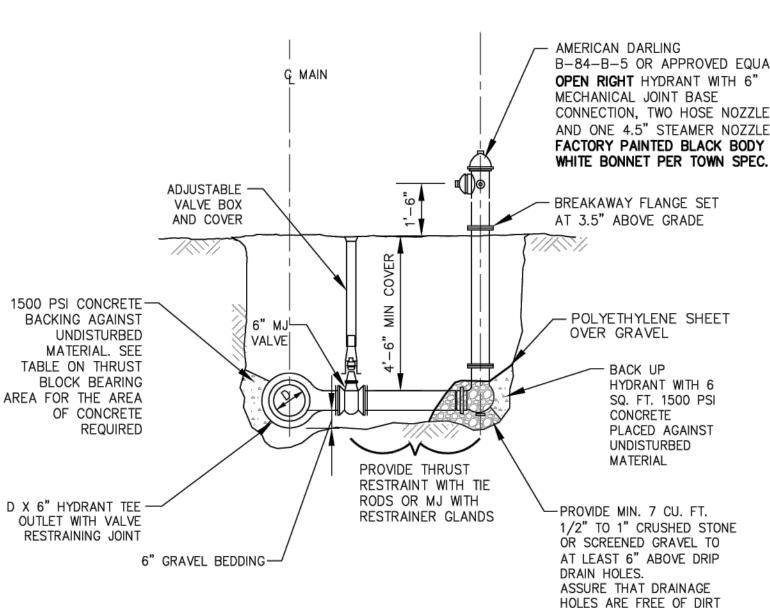
VALVE BOX —

BELLED BASE SECTION

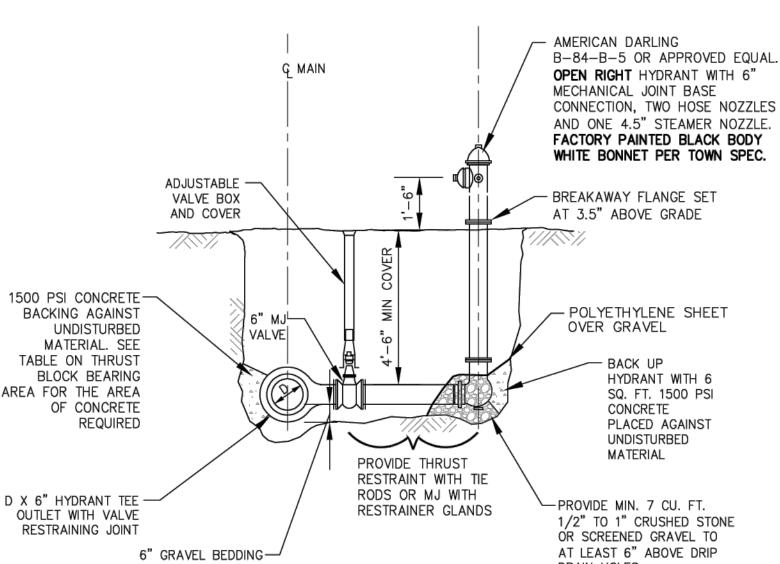
PIPE

PIPE

TYPICAL HYDRANT ASSEMBLY WITH DRAIN

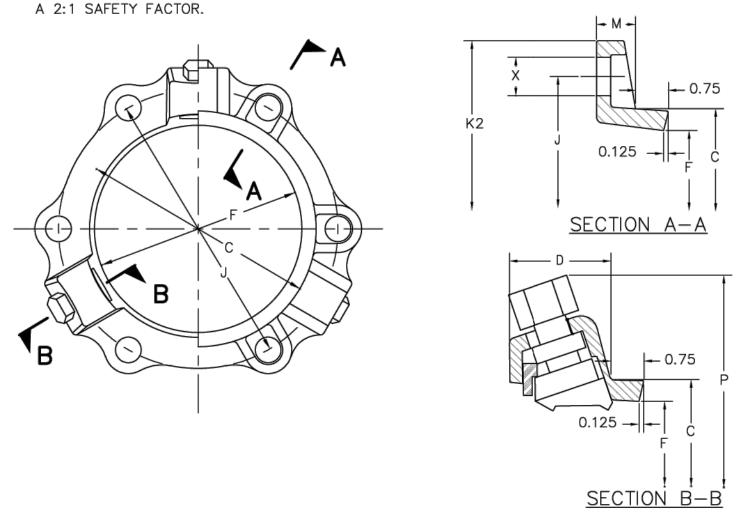


OR CONCRETE.



NOTES:

- 1. SIZES 3" THROUGH 24" ARE LISTED BY UNDERWRITER'S LABORATORIES, INC. CATEGORY HJKF FOR USE ON DUCTILE IRON PIPE. THE LISTING FILE NUMBER IS EX2836.
- SIZES 3" THROUGH 12" ARE FACTORY MUTUAL APPROVED. 2. GLAND AND COLLAR BOLTS ARE MADE OF DUCTILE IRON CONFORMING TO ASTM A536-80. WEDGES
- ARE MADE OF DUCTILE IRON HEAT TREATED TO A MINIMUM BRINELL HARDNESS OF 370. 3. GLAND CONFORMS TO THE APPLICABLE REQUIREMENTS OF ANSI/AWWA A21.11/C111 AND
- ANSI\AWWA C153/A21.53 OF THE LATEST REVISION. 4. FOR TEST PRESSURES ABOVE THE RATED PRESSURES SHOWN, CONSULT THE ENGINEERING DEPARTMENT OF EBAA IRON INC. FOR RECOMMENDATIONS. EBAA-SEAL GASKETS ARE PROVIDED WITH THE 30" THROUGH 48" MEGALUGS. ALSO PROVIDED WITH THE 42" AND 48" SIZES ARE EXTRA LENGTH T-BOLTS. THE GASKETS AND BOLTS ARE PROVIDED TO FACILITATE EASIER ASSEMBLY OF THE MECHANICAL JOINT AND ARE REQUIRED ON THE ABOVE REFERENCED SIZES TO OBTAIN THE LISTED PRESSURE RATINGS WITH



SERIES	PRESSURE RATING	С	D	F	7	М	×	NO. OF WEDGES	NO. OF BOLTS	Р	P (W/ NUTS TWISTED OFF)	K2
1103 1104 1106 1108 1110 1112 1114 1116 1118 1120 1124 1130 1136 1142 1148	350 350 350 350 350 350 350 350 250 250 250 250 250 250	4.84 5.92 8.02 10.17 12.22 14.32 16.40 18.50 20.60 22.70 26.90 33.29 39.59 45.79 52.09	2.27 2.27 2.27 2.31 2.37 2.69 2.69 2.69 2.69 3.20 3.20 4.56 4.56	4.06 4.90 7.00 9.15 11.20 13.30 15.44 17.54 19.64 21.74 25.94 32.17 38.47 44.67 50.97	6.19 7.50 9.50 11.75 14.00 16.25 18.75 21.00 23.25 25.50 30.00 36.88 43.75 50.62 57.50	0.62 0.75 0.88 1.00 1.00 1.25 1.50 1.56 1.63 1.69 1.81 2.25 2.25 3.88 3.88	3/4 7/8 7/8 7/8 7/8 7/8 7/8 7/8 7/8 1 1/8 1 1/8 1 3/8	2 2 3 4 6 8 10 12 12 14 16 20 24 28 32	4 6 6 8 10 12 12 14 16 20 24 28 32	9.36 10.20 12.30 14.45 16.50 18.60 20.64 22.60 24.70 26.80 32.94 39.17 45.47 55.87 62.17	9.06 9.90 12.00 14.15 16.20 18.30 20.94 22.90 25.00 27.10 32.64 38.87 45.17 55.57 61.87	7.69 9.12 11.12 13.37 15.62 17.88 20.25 22.50 24.75 27.00 31.50 39.12 46.00 53.48 60.36

THRUST BLOCK AGAINST UNDISTURBED BEARING AREAS FOR THE AREA MATERIAL OF CONCRETE REQUIRED -WATER MAIN -PLAN OF THRUST RESTRAINT AT BEND WATER MAIN 1500 PSI CONCRETE **AGAINST** 45° MAX.-UNDISTURBED MATERIAL — SEE TABLE OF THRUST BLOCK BEARING AREAS FOR THE AREA PLAN OF THRUST OF CONCRETE REQUIRED RESTRAINT AT TEE -GROUND SURFACE 1500 PSI CONCRETE BACKING AGAINST SEE TABLE OF UNDISTURBED MATERIAL-THRUST BLOCK BEARING AREAS FOR THE AREA MAX. — OF CONCRETE REQUIRED

SEE TABLE OF

THRUST RESTRAINT AT FITTINGS

THRUST BLOCK SECTION

MEGALUG DETAIL

N.T.S.

- DUCTILE IRON - PROPOSED CLDI PIPE COUPLING ─PROPOSED MJ "T" **ELEVATION** NOTE: GATE VALVES TO BE MJ, RESILIENT WEDGE, DUCTILE IRON, OPEN RIGHT MEETING AWWA C-509, C-153, C-509 & C-550 MJ WITH RESTRAINER GLAND SET TO MANUFACTURER'S NOTES: GUIDELINES - DUCTILE IRON

-PROPOSED CLDI PIPE

- THRUST BLOCK

PROPOSED OPEN
RIGHT GATE VALVE

TRIPLE GATE CUT IN WATER MAIN CONNECTION

NTS

<u>PLAN</u>

- MIN COVER 4'6" $\stackrel{\longleftarrow}{\mathsf{NO}}$ no ledge or UNEXCAVATED LINE OF NARROW-MATERIAL SHALL PROJECT BEYOND TRENCH LIMIT THIS LINE WATER MAIN -AROUND PIPE IN ACCORDANCE WITH AWWA C150, TYPE 5 LAYING CONDITION PAYMENT LIMITS — FOR NORMAL MHD MI.04.0 SAND BORROW TYPE B IN ACCORDANCE WITH SPEC. SECTION 02223 SHALL BE EXCAVATION INSTALLED UP TO THE "LINE OF NARROW 5"| MINೄ TRENCH LIMIT". (EXCEPT SAND SHALL BE USED WHERE PIPE HAS CATHODIC UNDISTURBED : MATERIAL - PAYMENT LIMITS FOR ROCK EXCAVATION

FOR SUPPORTED TRENCH Ws = (4/3 D + 32") OR 50", WHICHEVER IS GREATER. FOR UNSUPPORTED TRENCH Wu = (4/3 D + 18") OR 36", WHICHEVER IS GREATER

- 1. TRENCHES MAY BE EXCAVATED WIDER THAN TRENCH WIDTH WS ABOVE THE "LINE
- OF NARROW TRENCH LIMIT".
- 2. BELOW THE "LINE OF NARROW TRENCH LIMIT" THE TRENCH SHALL NOT BE EXCAVATED BEYOND THE TRENCH WIDTH Ws.
- 3. SHEETING, IF USED, IN ALL CASES SHALL BE LEFT IN PLACE BELOW A LINE 1'-0" ABOVE THE TOP OF THE PIPE, UNLESS OTHERWISE INDICATED OR DIRECTED. 4. "COVER" AT ANY POINT SHALL BE DEFINED AS THE VERTICAL DISTANCE FROM THE UPPERMOST POINT OF THE PIPE TO A LINE WHICH CONNECTS THE SURFACE OF UNDISTURBED GROUND AT EITHER SIDE OF THE TRENCH AND IS AT RIGHT ANGLES
- TO THE DIRECTION OF THE PIPE. 5. WHERE FUTURE EXTENSION OF A PLUGGED PIPE OR A PLUGGED BRANCH WILL ENTAIL ROCK EXCAVATION, TRENCH EXCAVATION IN ROCK SHALL BE EXTENDED FOR A DISTANCE OF 3'-0" BEYOND THE PLUG.
- 6. BANK RUN GRAVEL OR EXCAVATED MATERIAL THAT MEETS SPEC. SECTION 02224
- SHALL BE INSTALLED ABOVE THE LINE OF NARROW TRENCH LIMIT. 7. WHERE SPECIFIED, CONTROLLED DENSITY FILL WILL BE USED FROM TOP OF

WATER MAIN TRENCH SECTION

NTS

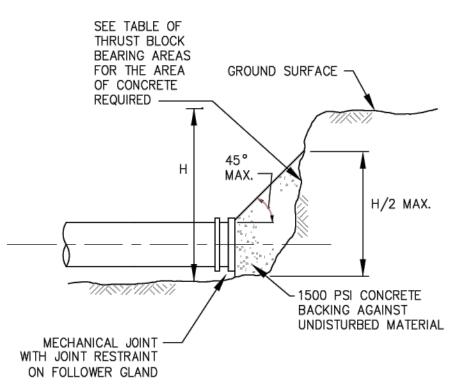
SCREENED GRAVEL TO BOTTOM OF BITUMINOUS PAVEMENT.

ALL DETAILS ARE NOT TO SCALE

BEARING AREA FOR VARIOUS DIAMETERS												
FITTING		4"	(6"		8"	1	0"		12"	1	6"
'32 BEND (11 1/4°)		2 S.F.	2	S.F.	2	S.F.	2	S.F.	3	S.F.	5	S.F.
'16 BEND (22 1/2°)		2 S.F.	2	S.F.	3	S.F.	3	S.F.	4	S.F.	5	S.F.
'8 BEND (45°)		2 S.F.	2	S.F.	3	S.F.	5	S.F.	7	S.F.	12	S.F.
'4 BEND (90°)		3 S.F.	3	S.F.	6	S.F.	9	S.F.	12	S.F.	21	S.F.
E/PLUG		2 S.F.	3	S.F.	4	S.F.	6	S.F.	9	S.F.	16	S.F.

NOTES:

- 1. ALL ELBOWS, BENDS, AND CAPS SHALL BE BRACED WITH CONCRETE THRUST BLOCKS. JOINTS SHALL NOT BE ENCASED IN CONCRETE.
- 2. BEARING AREA IS AREA OF CONCRETE IN CONTACT WITH WALL OF TRENCH (H X L).
- 3. HEIGHT AND LENGTH AS REQUIRED TO OBTAIN BEARING AREA SHOWN IN THE TABLE W/ H APPROX. 1/2 L.
- 4. THRUST BLOCK SIZING BASED ON 150 PSI WATER PRESSURE AND 2000 PSI SOIL BEARING CAPACITY.



THRUST RESTRAINT AT PLUG

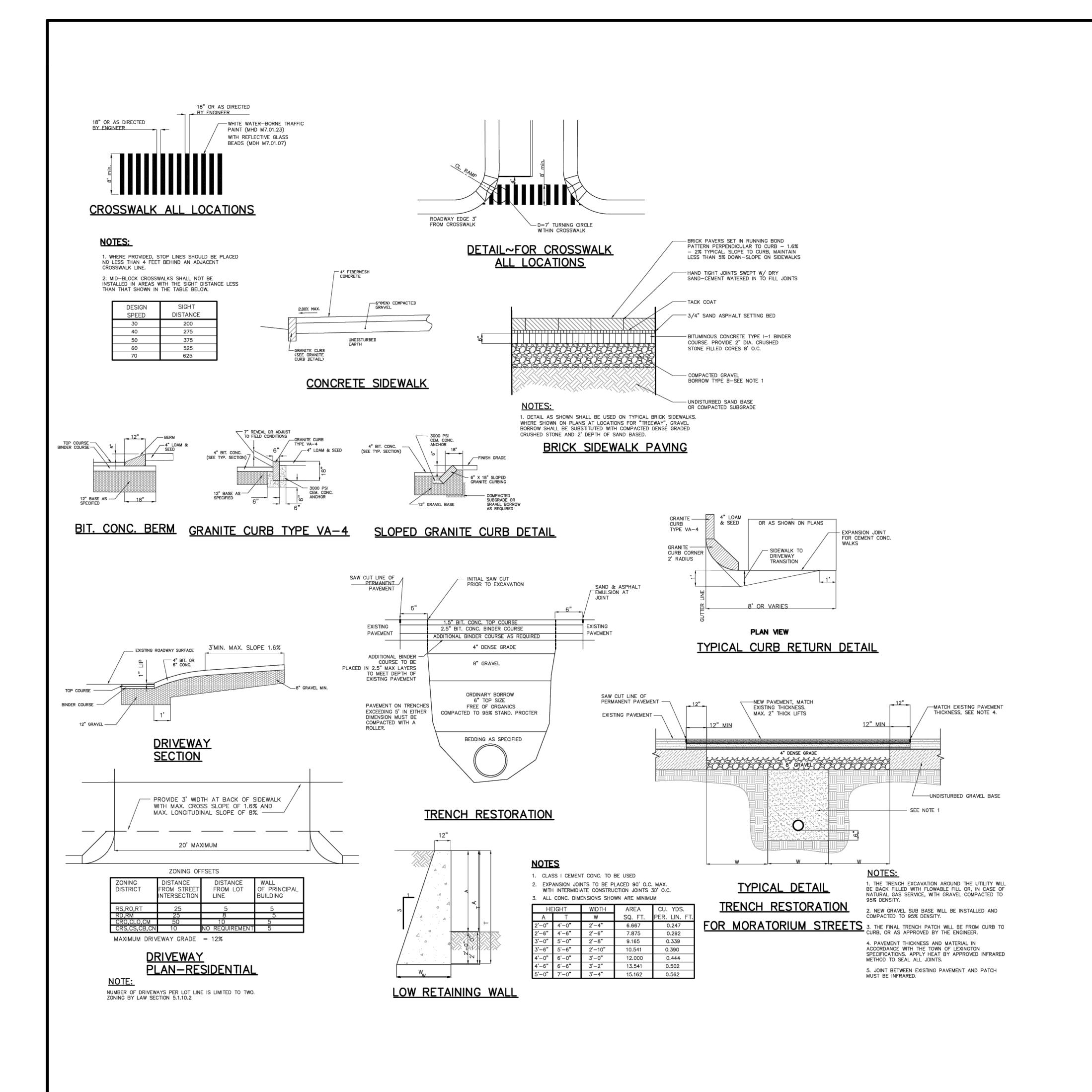
ngin

329 MASS A EXINGTON,

-1500 PSI CONCRETE

SHEET C-6.4

NOT FOR CONSTRUCTION



329 MASS AVE LEXINGTON, MA 03-BY: ingine Ш TRIO

DETAILS
LOCATED IN
LEXINGTON, MA
(MIDDLESEX COUNTY)
PREPARED FOR
N MALONEY TRUST

SHEET **C-6.5**



Town of Lexington PLANNING BOARD

1625 Massachusetts Avenue Lexington, MA 02420 Tel (781) 698-4560 planning@lexingtonma.gov www.lexingtonma.gov/planning Michael Schanbacher, Chair Robert Creech, Vice Chair Melanie Thompson, Clerk Charles Hornig, Member Tina McBride, Member Michael Leon, Associate Member

DECISION OF THE LEXINGTON PLANNING BOARD PRELIMINARY SUBDIVISION

329 MASSACHUSETTS AVENUE (ASSESSOR'S MAP 13, LOT 360)

April 17, 2025

APPLICANT Kathleen Maloney

PO BOX 515

Lexington, MA 02420

PROPERTY

OWNER:

M & E Realty LLC

PROPERTY 329 Massachusetts Avenue

LOCUS: Map 13, Lot 360

CRS - Retail Shopping and VO - Village Overlay

PROJECT SUMMARY

The proposed development subdivides one (1) lot totaling 0.29± acres into two (2) new lots with access from a proposed 70-ft. right of way widening off of Fottler Avenue. The existing property contains one (1) commercial office style building and is located on the corner of Massachusetts Avenue and Fottler Avenue. The section of the lot behind the existing building is paved for parking, and landscaping is present in front of the building along Massachusetts Avenue, as well as on the corner of Massachusetts Avenue and Fottler Avenue. A wooden fence and tree growth are present around the periphery of the property. The Minuteman Commuter Bikeway abuts the property to the rear (north), running parallel to Massachusetts Avenue.

STATEMENT OF FINDINGS

PROCEDURAL FINDINGS:

After having reviewed all the plans and material filed by the Applicant and its representatives and having considered the analysis, supplemental information provided during the course of the public meeting,

Preliminary Subdivision
329 Massachusetts Avenue – April 17, 2025
Page 1 of 5

correspondence, and testimony from various staff, the public, and from all other interested parties, the Planning Board makes the following procedural and project findings:

- On March 7, 2025, an application requesting a Preliminary Subdivision pursuant to § 175 Planning Board Subdivision Regulations was filed with the Planning Board by Michael Novak on behalf of Kathleen Maloney. It was determined to be complete, submitted to the Town Clerk and Board of Health on March 10, 2025, and listed in OpenGov permitting system under Permit# PLAN-25-21.
- 2. Pursuant to MGL c. 41 § 81S and the applicable provisions of the Zoning Bylaw and Planning Board Subdivision Regulations, notice of the public meeting was mailed postage prepaid to all abutters and abutters to abutters within three hundred (300) feet of the property on March 26, 2025.
- 3. The public meeting on the application commenced on April 17, 2025 held remotely via Zoom, pursuant to MGL c. 30A §§ 18-25, c. 20 of the Acts of 2021, c. 107 of the Acts of 2022, c. 2 of the Acts of 2023, and c. 2 of the Acts of 2025 further extending the remote access provisions through June 30, 2027. The Planning Board accepted public comments via Zoom, mail, and e-mail.
- 4. Planning Board members Michael Schanbacher, Robert Creech, Melanie Thompson, Charles Hornig, and Tina McBride were present for the public meeting.
- 5. Planning Board members Michael Schanbacher, Robert Creech, Melanie Thompson, Charles Hornig, and Tina McBride deliberated on the application at their meeting.

CONDITIONS OF APPROVAL

The Planning Board finds that the Application and Subdivision Plans submitted by the applicant comply with applicable provisions of the Zoning Bylaw and applicable regulations relevant to this review. Accordingly, the Planning Board votes to **approve** the preliminary plan set entitled "329 MASSACHUSETTS AVENUE, ASSESSORS MAP 13 LOTS 360, PRELIMINARY SUBDIVISION PLAN, LOCATED IN LEXINGTON, MA, MARCH 7, 2025", prepared for Kathleen Maloney, prepared by PATRIOT Engineering, signed and stamped by Michael J. Novak, PE Civil No. 50696, dated March 5, 2025, consisting of eleven (11) sheets, subject to the following conditions:

General Provisions:

- 1. Approval of a preliminary subdivision plan does not constitute approval of a subdivision or guarantee that the Board will approve a definitive subdivision plan. The Registry of Deeds is not permitted to record a preliminary subdivision plan.
- 2. Per §175-7.2E(8) road systems shall be designed to permit the safe, efficient and orderly movement of motor vehicles, pedestrians and cars.
- 3. Per §175-7.2A(1)(1) the center line of the paved area in the proposed road modification shall follow the center line of the right of way.

- 4. Per § 175-7.2E(7)(c)[2], the dead-end street turnaround pavement must have an outside turning radius of at least 50 feet.
- 5. Per § 175-5.3B(6), the approximate boundary lines of proposed lots, with approximate areas and dimensions, shall be shown on each sheet of the plan.
- 6. All existing easements shall be shown on the definitive plan submission.
- 7. Any new utility easements shall be a minimum of twenty (20) feet wide, per § 175-7.1B(4)(a).
- 8. Per § 175-7.1B(7), bounds shall be set along each right-of-way line at all intersections, angle points, points of change in direction or curvature of the street, and at the two corners of each lot that abuts the right of way. Such permanent bounds shall be installed per § 175-7.1B(7)(c) and § 175-7.1B(8).
- 9. Construction of the proposed roadway shall conform to § 175-7.2, Streets and Rights-of-way. The Applicant shall note on the Definitive Subdivision Plan whether the street will remain private or is intended to be an accepted way. If the Applicant wishes to have the Town accept the Road, road construction must follow Town standards and be inspected at certain milestones during construction. The property owners will be responsible for the stormwater facilities regardless of road ownership.
- 10. Per § 175-7.2E(7)(b), Dead-end Streets, the Applicant shall install a "Dead End" or "Not a Through Way" sign per the specifications of the Town Engineer. Such signage shall be shown on the definitive subdivision plan.
- 11. The cul-de-sec is required to have a landscaped center island per § 175-7.2E(7)(c)[1]; such planting schedule should utilize the Lexington Preferred Planting List, dated October 6, 2021.
- 12. The sidewalks and crosswalks shall be ADA compliant with ramps and tactile pads, per § 175-7.3; ADA compliant ramps shall run in the direction of travel.
- 13. Ensure that curbing allows for roadway runoff to be directed to the proposed catch basins and does not collect in the area of the crosswalk and ADA ramp.
- 14. Fire hydrants shall be placed not more than 500 feet apart and approved per § 175-7.4B(3) by the Fire Department.
- 15. The definitive subdivision shall demonstrate compliance with § 175-7.5, per a National Pollutant Discharge Elimination System (NPDES) general permit.
- 16. The Definitive Subdivision shall demonstrate compliance with § 175-7.5 for above-threshold projects detailed in Article VI, Stormwater Management Regulations, Chapter 181 of the Code of Lexington.

- 17. Per § 175-7.4A, all elements of the water and sanitary sewer service must be designed to comply with the Town's Water, Sewer and Drain Regulations and the Standard Specifications. All sewer extensions with proposed flows in excess of 15,000 gallons per day will require the removal of 4 gallons of infiltration and inflow for each gallon of permitted wastewater flow requested.
- 18. Per § 175-7.6, the Applicant shall submit a landscaping and planting plan that demonstrates compliance with street tree requirements and conforms with Lexington Preferred Planting List, adopted October 6, 2021, or EPA Eco Regional III.
- 19. Per the rules adopted by the Conservation Commission pursuant to Chapter 130, Section 5(2) "Performance Standards", any proposed work that discharges to a protected resource area or connects to a storm drain system that discharges to a protected resource area shall not result in an increase in the peak rate of surface runoff during 2-year, 10-year, or 100-year return period storm events and shall not result in an increase in the total volume of surface runoff for the 1-year return period storm at all design points. A drainage connection into the Lexington Municipal Separate Storm Sewer System (MS4) will require review and approval through a Request for Determination of Applicability, or a Notice of Intent if any conservation regulatory performance standards are requested to be waived.

RECORD OF VOTE

On April 17, 2025, the Planning Board voted zero (0) in favor, five (5) opposed, and zero (0) abstentions to grant approval with conditions for the Preliminary Subdivision Application for the properties listed at 329 Massachusetts Avenue.

Preliminary Subdivision

Michael Schanbacher – Robert Creech – Melanie Thompson –

> Charles Hornig – Tina McBride –

Board Chair Signature:	Doto
Roard Chair Signature.	Date:
Board Orian Orginataro.	 Bato

Date of	Vote:	





Town of Lexington PLANNING BOARD

1625 Massachusetts Avenue Lexington, MA 02420 Tel (781) 698-4560 planning@lexingtonma.gov www.lexingtonma.gov/planning Michael Schanbacher, Chair Robert Creech, Vice Chair Melanie Thompson, Clerk Charles Hornig, Member Tina McBride, Member Michael Leon, Associate Member

DECISION OF THE LEXINGTON PLANNING BOARD PRELIMINARY SUBDIVISION

329 MASSACHUSETTS AVENUE (ASSESSOR'S MAP 13, LOT 360)

April 17, 2025

APPLICANT Kathleen Maloney

PO BOX 515

Lexington, MA 02420

PROPERTY

OWNER:

M & E Realty LLC

PROPERTY 329 Massachusetts Avenue

LOCUS: Map 13, Lot 360

CRS - Retail Shopping and VO - Village Overlay

PROJECT SUMMARY

The proposed development subdivides one (1) lot totaling 0.29± acres into two (2) new lots with access from a proposed 70-ft. right of way widening off of Fottler Avenue. The existing property contains one (1) commercial office style building and is located on the corner of Massachusetts Avenue and Fottler Avenue. The section of the lot behind the existing building is paved for parking, and landscaping is present in front of the building along Massachusetts Avenue, as well as on the corner of Massachusetts Avenue and Fottler Avenue. A wooden fence and tree growth are present around the periphery of the property. The Minuteman Commuter Bikeway abuts the property to the rear (north), running parallel to Massachusetts Avenue.

STATEMENT OF FINDINGS

PROCEDURAL FINDINGS:

After having reviewed all the plans and material filed by the Applicant and its representatives and having considered the analysis, supplemental information provided during the course of the public meeting,

Preliminary Subdivision
329 Massachusetts Avenue – April 17, 2025
Page 1 of 5

correspondence, and testimony from various staff, the public, and from all other interested parties, the Planning Board makes the following procedural and project findings:

- 1. On March 7, 2025, an application requesting a Preliminary Subdivision pursuant to § 175 *Planning Board Subdivision Regulations* was filed with the Planning Board by Michael Novak on behalf of Kathleen Maloney. It was determined to be complete, submitted to the Town Clerk and Board of Health on March 10, 2025, and listed in OpenGov permitting system under Permit# PLAN-25-21.
- 2. Pursuant to MGL c. 41 § 81S and the applicable provisions of the Zoning Bylaw and Planning Board Subdivision Regulations, notice of the public meeting was mailed postage prepaid to all abutters and abutters to abutters within three hundred (300) feet of the property on March 26, 2025.
- 3. The public meeting on the application commenced on April 17, 2025 held remotely via Zoom, pursuant to MGL c. 30A §§ 18-25, c. 20 of the Acts of 2021, c. 107 of the Acts of 2022, c. 2 of the Acts of 2023, and c. 2 of the Acts of 2025 further extending the remote access provisions through June 30, 2027. The Planning Board accepted public comments via Zoom, mail, and e-mail.
- 4. Planning Board members Michael Schanbacher, Robert Creech, Melanie Thompson, Charles Hornig, and Tina McBride were present for the public meeting.
- 5. Planning Board members Michael Schanbacher, Robert Creech, Melanie Thompson, Charles Hornig, and Tina McBride deliberated on the application at their meeting.

REASON FOR DISAPPROVAL

The Planning Board finds that the Application and Subdivision Plans submitted by the applicant do not comply with applicable provisions of the Board's Subdivision Regulations relevant to this review. The proposed subdivision street system is not designed to permit the safe, efficient and orderly movement of motor vehicles, pedestrians and cars (Section 7.2.E(8)), and the center line of the paved area in the proposed road modification does not follow the center line of the right of way (Section 7.2.A(1)(a)). Accordingly, the Planning Board votes to *disapprove* the preliminary plan set entitled "329 MASSACHUSETTS AVENUE, ASSESSORS MAP 13 LOTS 360, PRELIMINARY SUBDIVISION PLAN, LOCATED IN LEXINGTON, MA, MARCH 7, 2025", prepared for Kathleen Maloney, prepared by PATRIOT Engineering, signed and stamped by Michael J. Novak, PE Civil No. 50696, dated March 5, 2025, consisting of eleven (11) sheets.

If Applicant Intends to Submit a Definitive Subdivision Application:

- Disapproval of a preliminary subdivision plan does not prevent the submission of a definitive subdivision plan. If a definitive plan complies with the Subdivision Regulations, the Board must approve it.
- 2. Per §175-7.2E(8) road systems shall be designed to permit the safe, efficient and orderly movement of motor vehicles, pedestrians and cars.

- 3. Per §175-7.2A(1)(1) the center line of the paved area in the proposed road modification shall follow the center line of the right of way.
- 4. Per § 175-7.2E(7)(c)[2], the dead-end street turnaround pavement must have an outside turning radius of at least 50 feet.
- 5. Per § 175-5.3B(6), the approximate boundary lines of proposed lots, with approximate areas and dimensions, shall be shown on each sheet of the plan.
- 6. All existing easements shall be shown on the definitive plan submission.
- 7. Any new utility easements shall be a minimum of twenty (20) feet wide, per § 175-7.1B(4)(a).
- 8. Per § 175-7.1B(7), bounds shall be set along each right-of-way line at all intersections, angle points, points of change in direction or curvature of the street, and at the two corners of each lot that abuts the right of way. Such permanent bounds shall be installed per § 175-7.1B(7)(c) and § 175-7.1B(8).
- 9. Construction of the proposed roadway shall conform to § 175-7.2, Streets and Rights-of-way. The Applicant shall note on the Definitive Subdivision Plan whether the street will remain private or is intended to be an accepted way. If the Applicant wishes to have the Town accept the Road, road construction must follow Town standards and be inspected at certain milestones during construction. The property owners will be responsible for the stormwater facilities regardless of road ownership.
- 10. Per § 175-7.2E(7)(b), Dead-end Streets, the Applicant shall install a "Dead End" or "Not a Through Way" sign per the specifications of the Town Engineer. Such signage shall be shown on the definitive subdivision plan.
- 11. The cul-de-sec is required to have a landscaped center island per § 175-7.2E(7)(c)[1]; such planting schedule should utilize the Lexington Preferred Planting List, dated October 6, 2021.
- 12. The sidewalks and crosswalks shall be ADA compliant with ramps and tactile pads, per § 175-7.3; ADA compliant ramps shall run in the direction of travel.
- 13. Ensure that curbing allows for roadway runoff to be directed to the proposed catch basins and does not collect in the area of the crosswalk and ADA ramp.
- 14. Fire hydrants shall be placed not more than 500 feet apart and approved per § 175-7.4B(3) by the Fire Department.
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- 19. Per the rules adopted by the Conservation Commission pursuant to Chapter 130, Section 5(2) "Performance Standards", any proposed work that discharges to a protected resource area or connects to a storm drain system that discharges to a protected resource area shall not result in an increase in the peak rate of surface runoff during 2-year, 10-year, or 100-year return period storm events and shall not result in an increase in the total volume of surface runoff for the 1-year return period storm at all design points. A drainage connection into the Lexington Municipal Separate Storm Sewer System (MS4) will require review and approval through a Request for Determination of Applicability, or a Notice of Intent if any conservation regulatory performance standards are requested to be waived.

RECORD OF VOTE

On April 17, 2025, the Planning Board voted --- in favor, --- opposed, and zero (0) abstentions to grant approval with conditions for the Preliminary Subdivision Application for the properties listed at 329 Massachusetts Avenue.

Preliminary Subdivision

Michael Schanbacher	_
Robert Creech	_
Melanie Thompson	_
Charles Hornig	_
Tina McBride	_

Board Chair Signature:	Data:
Roard Chair Signathre.	Date:
board Orian Olgitalaro.	Date:

Date of Vo	te:	
Date of Vo	te:	



LEXINGTON PLANNING BOARD

AGENDA ITEM TITLE:

125 Hartwell Avenue - Preliminary Subdivision

PRESENTER:

Applicant: David Robinson, Allen & NUMBER:

Major

SUMMARY:

The Planning Board will hold a virtual public meeting on the application of Michael Porcaro c/o Eliot Community Human Services, Inc., for approval of a preliminary subdivision plan under §175-5.0 of the Planning Board's Subdivision Regulations. Application proposes subdividing property into 3 lots on a cul-desac.

The property is located at 125 Hartwell Avenue, Lexington, MA also known as Map 74, Lot 10 in the CM (Manufacturing) and VHO (Village High-Rise Overlay) zoning districts.

Application materials may be viewed online at https://lexingtonma.portal.opengov.com/records/101253.

SUGGESTED MOTION:

Staff recommends approval with conditions of items to be incorporated into a definitive subdivision plan submission.

Move to approve the preliminary subdivision plan with conditions for 125 Hartwell Avenue as outlined in the draft approval prepared by staff.

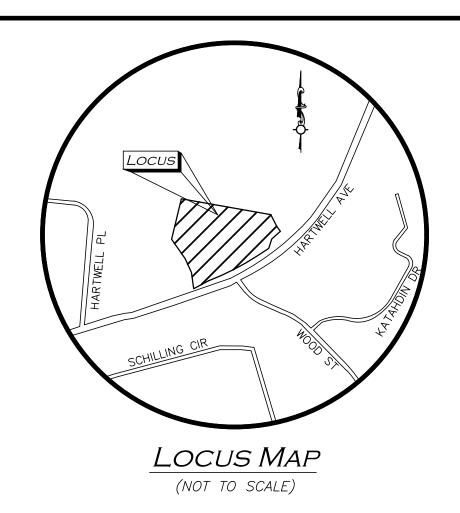
FOLLOW-UP:

DATE AND APPROXIMATE TIME ON AGENDA:

4/17/2025

ATTACHMENTS:

Description Type



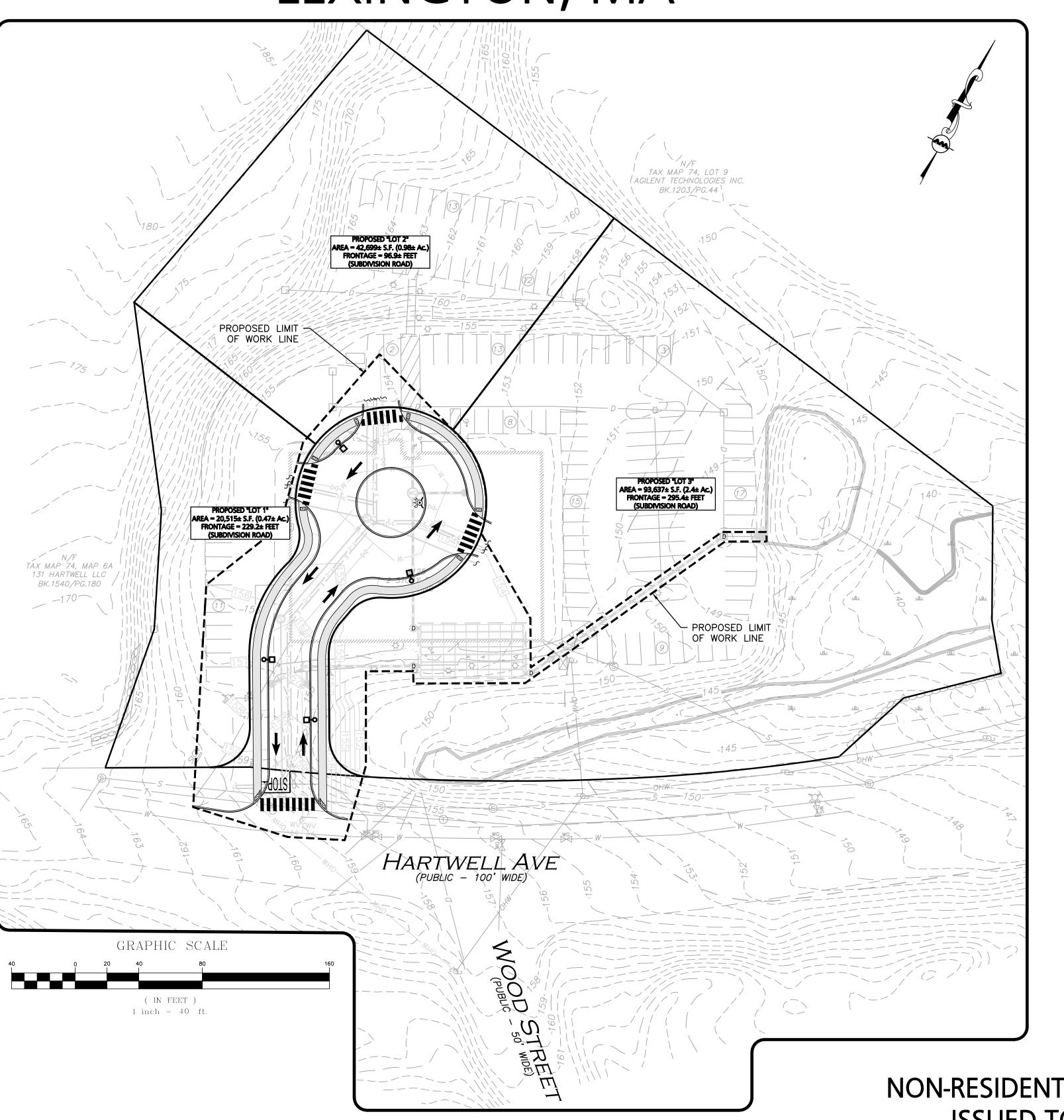
APPLICANT/OWNER: ELIOT COMMUNITY HUMAN SERVICES INC. c/o MICHAEL PORCARO 186 BEDFORD STREET LEXINGTON, MA 02420 781.861.0890

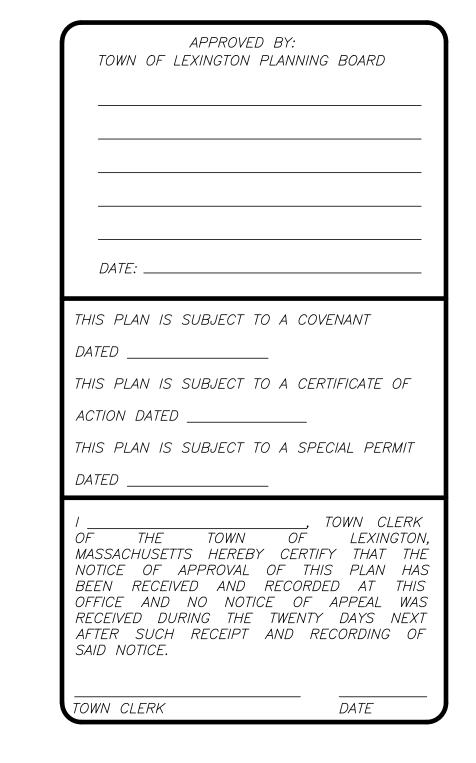
SITE CIVIL ENGINEER AND LAND SURVEYOR:
ALLEN & MAJOR ASSOCIATES, INC.
100 COMMERCE WAY, SUITE 5
WOBURN, MA 01801
781.935.6889

LIST OF DRAWINGS				
DRAWING TITLE	SHEET NO.	ISSUED	REVISED	
EXISTING CONDITIONS	ı	03-06-2025	-	
PRELIMINARY LAYOUT, MATERIALS AND LOTTING PLAN	C-101	03-06-2025	-	
PRELIMINARY GRADING AND DRAINAGE PLAN	C-102	03-06-2025	-	
PRELIMINARY UTILITIES PLAN	C-103	03-06-2025	-	
DETAILS	C-501 - C-504	03-06-2025	- /	

PLANS FOR PRELIMINARY NON-RESIDENTIAL SUBDIVISION OF LAND 125 HARTWELL AVENUE

(ASSESSORS MAP 74, PARCEL 10) LEXINGTON, MA







w w w . a l l e n m a j o r . c o m

100 COMMERCE WAY

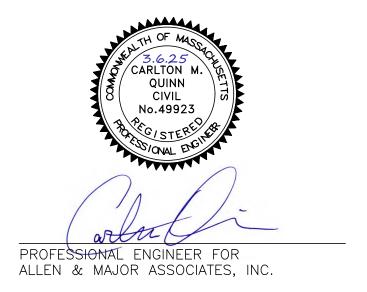
SUITE #5

WOBURN MA 01888-0118

TEL: (781) 935-6889

FAX: (781) 935-2896

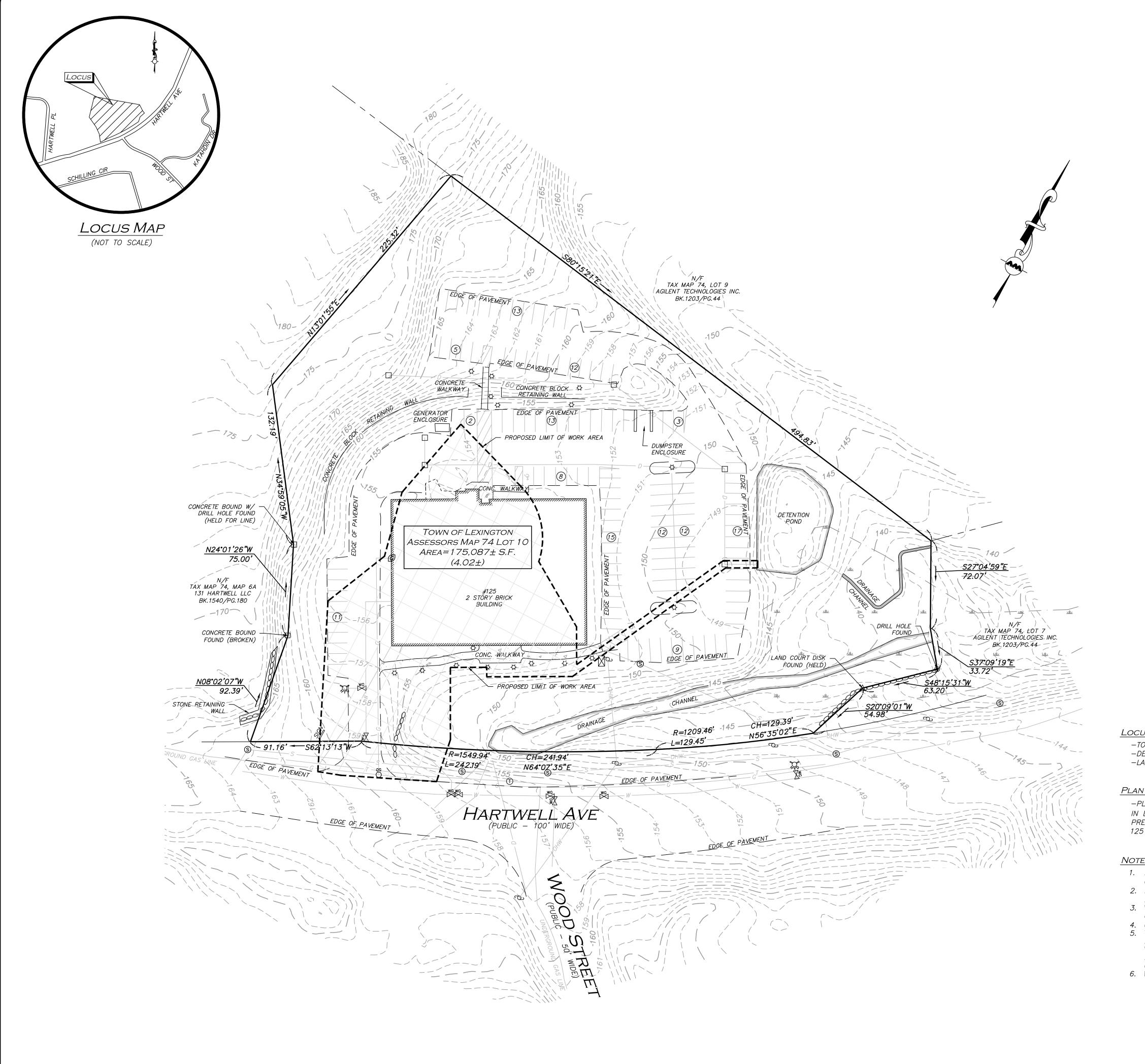
WOBURN, MA ◆ LAKEVILLE, MA ◆ MANCHESTER, NH



NON-RESIDENTIAL PRELIMINARY SUBDIVISION PLANS ISSUED TO PLANNING BOARD : MARCH 6, 2025

ZONING DISTRICTS:

COMMERCIAL MANUFACTURING (CM) ZONING DISTRICT TRANSPORTATION MANAGEMENT OVERLAY (TMO) DISTRICT VILLAGE HIGH-RISE OVERLAY (VHO) ZONING DISTRICT



LEGEND

DRILL HOLE (DH) LAND COURT DISK STONE BOUND (SB) SEWER MANHOLE (SMH) TELEPHONE MANHOLE (TMH) CATCH BASIN (CB)	●△
STONE BOUND (SB) SEWER MANHOLE (SMH) TELEPHONE MANHOLE (TMH)	_
SEWER MANHOLE (SMH) TELEPHONE MANHOLE (TMH)	П
TELEPHONE MANHOLE (TMH)	_
, ,	(S)
CATCH DACINI (CD)	\bigcirc
CATCH BASIN (CB)	
UTILITY POLE	G
FIRE HYDRANT	X
WATER GATE	₩G
GAS GATE	GG
LIGHT	\Rightarrow
TRANSFORMER	\boxtimes
GAS METER	G
HANDICAPPED PARKING SPACE	<u>E</u>
PARKING SPACE COUNT	
PROPOSED LIMIT OF WORK	
CONCRETE [. 44
WETLAND AREA	* * *
EDGE OF WETLAND	·
BUILDING	
BUFFER ZONE	
1' CONTOUR	— — —149—
5' CONTOUR	— —150—
PROPERTY LINE	
ABUTTERS LINE -	
STONE WALL	
CONCRETE RETAINING WALL	
STONE RETAINING WALL	0000000
EDGE OF PAVEMENT	
EDGE OF WATER	
WATER LINE	
SEWER LINE	s_
DRAIN LINE	D
GAS LINE	
TELEPHONE LINE	
OVERHEAD WIRES	——ОН W —
CONCRETE	CONC.
GRANITE	GRAN.
STONE BOUND W/DRILL HOLE	SB/DH
CONC. BOUND W/DRILL HOLE	•
FOUND	FND
NOW OR FORMERLY	N/F
BOOK	BK.
PAGE	PG.
PLAN BOOK	PB.
PLAN	PL.

Parking Summar	<u>PY</u>
STANDARD STALLS	130
HANDICAPPED STALLS	2
TOTAL STALLS	132
SEE NOTE 5 BELOW	

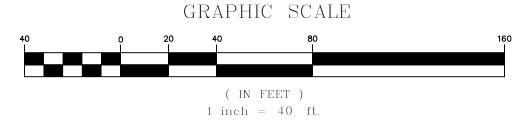
LOCUS REFERENCES

-TOWN OF LEXINGTON, MA ASSESSORS MAP 74, LOT 10 -DEED BOOK 1505, PAGE 23 -LAND COURT PLAN 23467-C

PLAN REFERENCES

-PLAN ENTITLED "ALTA/ACSM LAND TITLE SURVEY PLAN OF LAND IN LEXINGTON, MASS (MIDDLESEX COUNTY)", SCALE 1"=40', PREPARED BY METROWEST ENGINEERING, INC., & PREPARED FOR 125 HARTWELL TRUST.

- 1. NORTH ARROW IS BASED ON MASSACHUSETTS GRID
- COORDINATE SYSTEM (MAINLAND ZONE) (NAD 83). 2. BOOK/PAGE AND PLAN REFERENCES ARE TAKEN FROM
- MIDDLESEX (SOUTH) REGISTRY OF DEEDS IN CAMBRIDGE, MA. 3. VERTICAL DÀTUM IS NAVD 88, ESTABLISHED USING RTK GPS OBSERVATION.
- 4. CONTOUR INTERVAL IS ONE FOOT (1').
- 5. THIS PLAN IS THE RESULT OF COMPILED PLANS ONLY.
 MINIMAL ON—THE—GROUND SURVEY WAS PERFORMED TO VERIFY PROPERTY LINE ONLY. SHOULD THE PROJECT MOVE FORWARD, A FULL BOUNDARY SURVEY AND EXISTING CONDITIONS SURVEY WILL BE REQUIRED.
- 6. WETLAND LINE TAKEN FROM MASS DEP GIS LAYER.

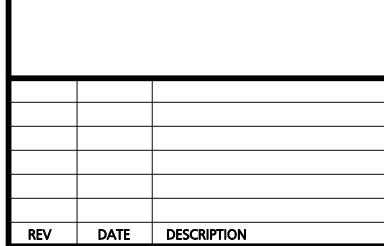


 $N:\PROJECTS\3491-01\SURVEY\DRAWINGS\CURRENT\S-3491-01-EC-COMPILED.DWG$

THIS PLAN IS THE RESULT OF COMPILED PLANS ONLY. MINIMAL ON—THE—GROUND SURVEY WAS PERFORMED TO VERIFY
PROPERTY LINE ONLY. SHOULD THE PROJECT
MOVE FORWARD, A FULL BOUNDARY SURVEY
AND EXISTING CONDITIONS SURVEY WILL BE REQUIRED.



PROFESSIONAL LAND SURVEYOR FOR ALLEN & MAJOR ASSOCIATES, INC.



APPLICANT\OWNER:

ELIOT COMMUNITY HUMAN SERVICES INC. **186 BEDFORD STREET** LEXINGTON, MA 02420

PROJECT:

125 HARTWELL AVE MAP 74 LOT 10 LEXINGTON, MA

3491-01 DATE: PROJECT NO. 03/06/25 SCALE: 1" = 40' DWG. NAME: S-3491-01-EC DRAFTED BY: JDS | CHECKED BY:



civil engineering + land surveying environmental consulting • landscape architecture www.allenmajor.com

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DRAWING TITLE:

SHEET No.

EXISTING CONDITIONS

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PROPOSED LOT 3

93,637 S.F.

(2.4 Ac.)

295.4

NR

N/A

N/A

NR

NR

NR

N/A

96.9'

NR

N/A

N/A

NR

NR

NR

REV DATE DESCRIPTION APPLICANT\OWNER:

PROFESSIONAL ENGINEER FOR

ALLEN & MAJOR ASSOCIATES, INC.

ELIOT COMMUNITY HUMAN SERVICES, INC. 186 BEDFORD STREET LEXINGTON, MA 02420

PROJECT:

SCALE:

PRELIMINARY NON-RESIDENTIAL **SUBDIVISION PLANS** 125 HARTWELL AVENUE LEXINGTON, MA

PROJECT NO. 3491-01 DATE: 2025-03-06 1" = 30' DWG. NAME: C-3491-0°

DMR/MTB | CHECKED BY: **DESIGNED BY:**

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ADA ACCESSIBLE RAMP ADA DET. WARNING SURFACE

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PROPERTY LINE AND EXISTING SITE CONDITIONS INFORMATION SHOWN HEREON WAS PREPARED BY ALLEN & MAJOR ASSOCIATES. THE INFORMATION SHOWN IS SUBJECT TO FIELD VERIFICATION AND MAY BE UPDATED AS

- 2. WETLANDS AND BUFFERS SHOWN ARE APPROXIMATE ONLY.
- THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR IT'S REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
- 4. THE INFORMATION SHOWN ON THIS PLAN IS THE SOLE PROPERTY OF ALLEN & MAJOR ASSOCIATES, INC. IT'S INTENDED USE IS TO PROVIDE INFORMATION. ANY ALTERATION, MISUSE, OR RECALCULATION OF INFORMATION OR DATA WITHOUT THE EXPRESSED, WRITTEN CONSENT OF ALLEN & MAJOR
- 5. THE PURPOSE OF THIS PLAN IS TO CREATE A SUBDIVISION ROAD AND THREE PROPOSED LOTS, LOTS 1, 2 AND LOT 3.
- 6. ALL CURB RADII ARE TO BE 3' UNLESS OTHERWISE NOTED.
- ABBREVIATION "NR" SHALL SIGNIFY NO REQUIREMENT WITH REGARDS TO
- 8. PROPOSED DRIVEWAY INCORPORATES A 50' WIDE RIGHT-OF-WAY, A 26'
- 9. CONSTRUCTION OF THE PROPOSED ROADWAY SHALL CONFIRM TO 175.2, STREETS AND RIGHTS-OF-WAY. THE PROPOSED STREET INTENDED TO BE A
- 10. BOUNDS SHALL BE SET ALONG THE RIGHT-OF-WAY AT ALL INTERSECTIONS, ANGLE POINTS, POINTS OF CHANGE IN DIRECTION OR CURVATURE OF THE STREET, AND AT THE TWO CORNERS OF EACH LOT THAT ABUTS THE RIGHT OF WAY. BOUNDS SHALL BE INSTALLED PER SECTIONS 175-7.1.B.(7)(C) &

(IN FEET)

1 inch = 30 ft.

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REV DATE DESCRIPTION APPLICANT\OWNER:

ELIOT COMMUNITY HUMAN SERVICES, INC. 186 BEDFORD STREET LEXINGTON, MA 02420

PROJECT:

SUBDIVISION PLANS 125 HARTWELL AVENUE LEXINGTON, MA

PRELIMINARY NON-RESIDENTIAL

3491-01 DATE: 2025-03-06 PROJECT NO. SCALE: 1" = 30' DWG. NAME: DESIGNED BY: DMR/MTB | CHECKED BY:



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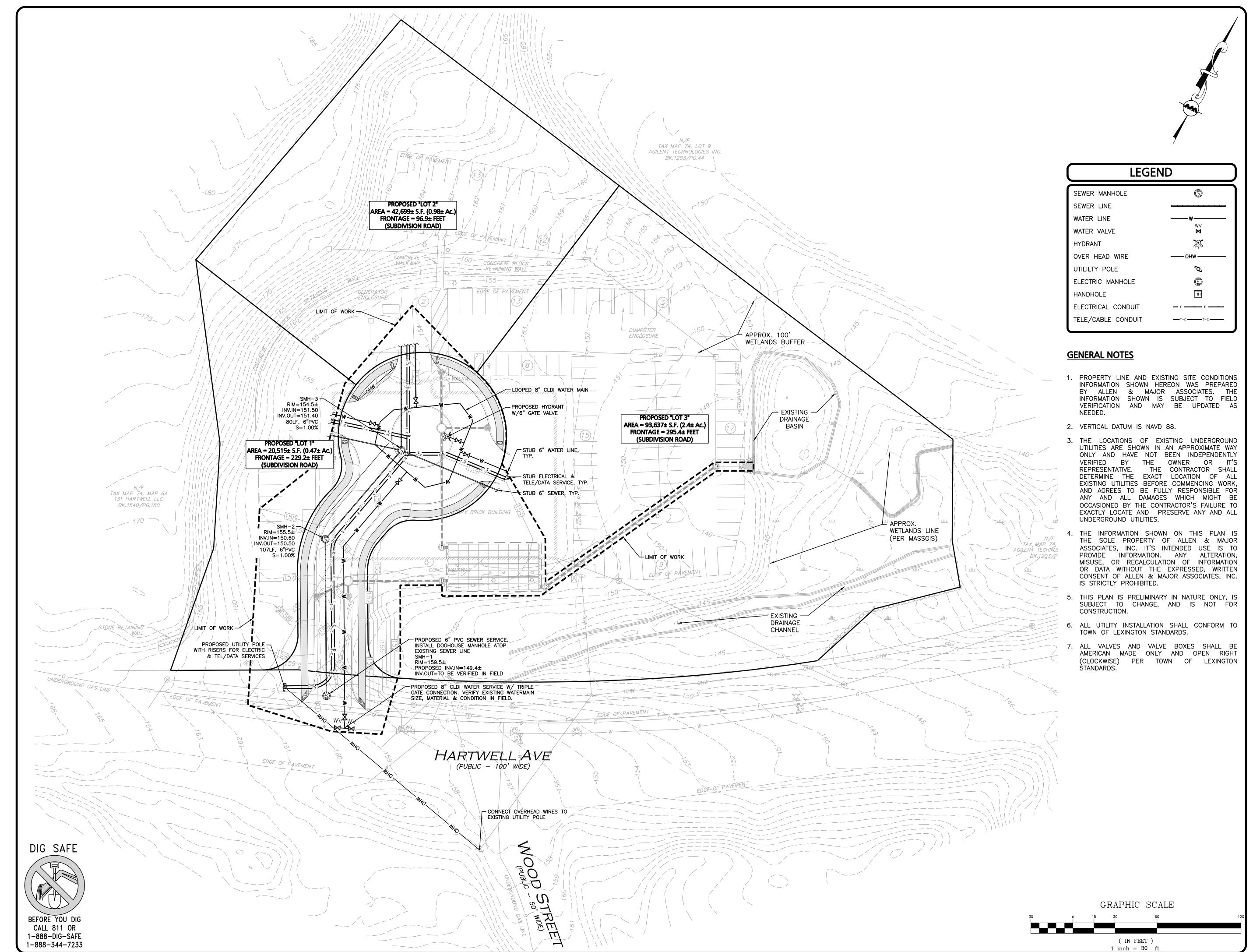
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GRADING & DRAINAGE PLAN Copyright©2025 Allen & Major Associates, Inc. All Rights Reserved

(IN FEET)

1 inch = 30 ft.

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APPROVED BY: TOWN OF LEXINGTON PLANNING BOARD
DATE:

THIS PLAN IS SUBJECT TO A COVENANT

DATED _____

THIS PLAN IS SUBJECT TO A CERTIFICATE OF

ACTION DATED _____

THIS PLAN IS SUBJECT TO A SPECIAL PERMIT

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DATE	DESCRIPTION

APPLICANT\OWNER:

ELIOT COMMUNITY HUMAN SERVICES, INC 186 BEDFORD STREET LEXINGTON, MA 02420

PROJECT:

PRELIMINARY NON-RESIDENTIAL SUBDIVISION PLANS 125 HARTWELL AVENUE

LEXINGTON, MA

3491-01 DATE: 2025-03-06 PROJECT NO. 1" = 30' DWG. NAME: SCALE:

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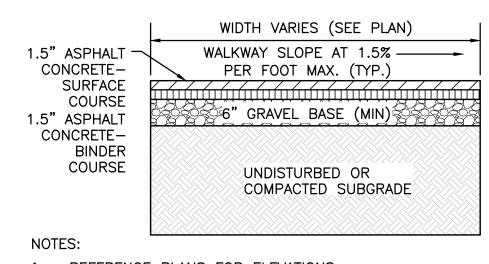
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DRAWING TITLE:

SHEET No.

PRELIMINARY UTILITIES PLAN | C-103

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- REFERENCE PLANS FOR ELEVATIONS.
- COMPACT SOIL SUBGRADE UNIFORMLY TO AT LEAST 95% OF ASTM D 1557 LABORATORY DENSITY.
- PROOF-ROLL PREPARED SUBGRADE TO IDENTIFY SOFT POCKETS AND AREAS OF EXCESS YIELDING. EXCAVATE SOFT SPOTS, UNSATISFACTORY SOILS, AND AREAS OF EXCESSIVE PUMPING OR RUTTING, AS DETERMINED BY GEOTECHNICAL ENGINEER AND REPLACE WITH COMPACTED BACKFILL OR FILL AS DIRECTED.
- CONTRACTOR SHALL COORDINATE SURFACE, BINDER, AND BASE COURSES WITH GEOTECHNICAL OR SOILS REPORT. REFER TO REPORT FOR RECOMMENDATIONS FOR LOCAL SOILS OR DRAINAGE CONDITIONS AND/OR METHODS.
- BASE COURSE SHALL EXTEND 6 INCHES BEYOND WALKWAY EDGE WHERE WALKWAY DOES NOT ABUT DEEP CURB, WALL, STEPS, OR
- WALKWAY EDGES SHALL BE TAMPED WHERE WALKWAY DOES NOT ABUT DEEP CURB, WALL, STEPS, OR FIXED OBJECT.

MINIMUM BURIAL DEPTH (FINISH GRADE TO TOP OF PIPE)

GRAVITY PIPE (SEWER & DRAIN) - SEE PLAN OR PROFILE

PIPES AND STRUCTURES MUST MEET THIS REQUIREMENT.

AND STABLE SUBGRADE (TYPICALLY 12 TO 18 INCHES

5. REFER TO PAVING, CURBS, WALKS AND DRIVEWAY DETAILS.

WHERE BACKFILL IS DESIGNATED AS COMPACTED, THIS MEANS 90 TO

TRENCHES WITHIN PUBLIC RIGHT OF WAY MAY REQUIRE FLOWABLE FILL.

WHERE WASTE FILLS ARE ENCOUNTERED AT SUBGRADE LEVEL FOR NEW

95% STANDARD PROCTOR. AASHTO T-99. ALL FILL PLACED BELOW

UTILITIES, THE FILL SHOULD BE OVER-EXCAVATED, THE SUBGRADE

SHOULD BE RE-COMPACTED, AND BACKFILL CONSISTING OF PIPE

BEDDING MATERIAL, CRUSHED STONE OR OTHER SUITABLE GRANULAR

FILL SHOULD BE PLACED TO A SUFFICIENT DEPTH TO CREATE A FIRM

FILTER FABRIC USE

SOIL TYPE

PRESSURE PIPE UNDER PAVING - 4'

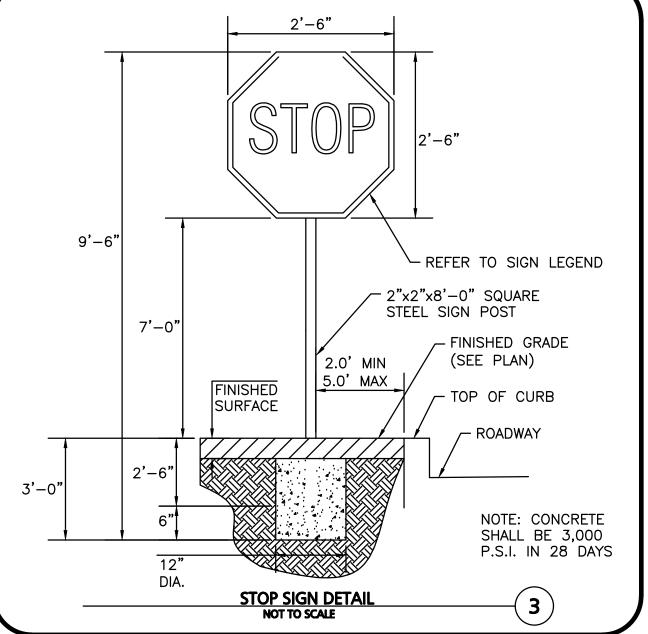
VERIFY WITH MUNICIPAL ENGINEER.

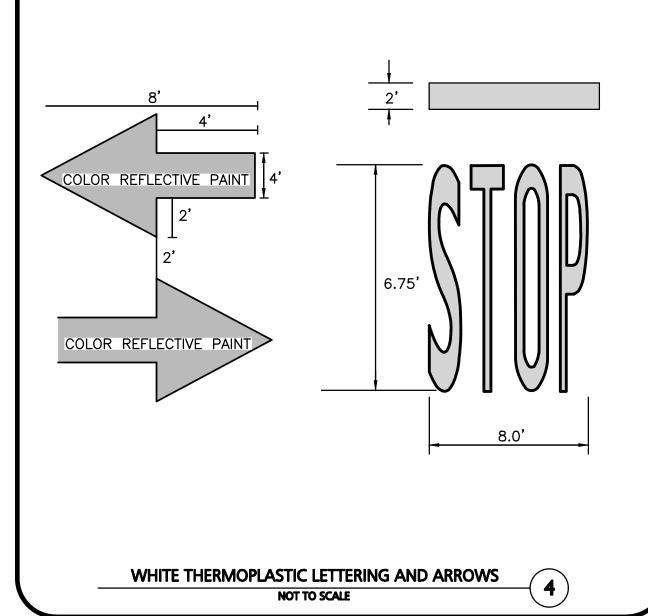
WATER PIPE - 5'

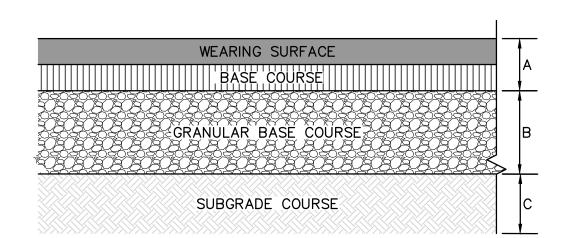
OVER-EXCAVATION).

PRESSURE PIPE BENEATH UNPAVED - 3'

BITUMINOUS WALKWAY NOT TO SCALE







NOTES:

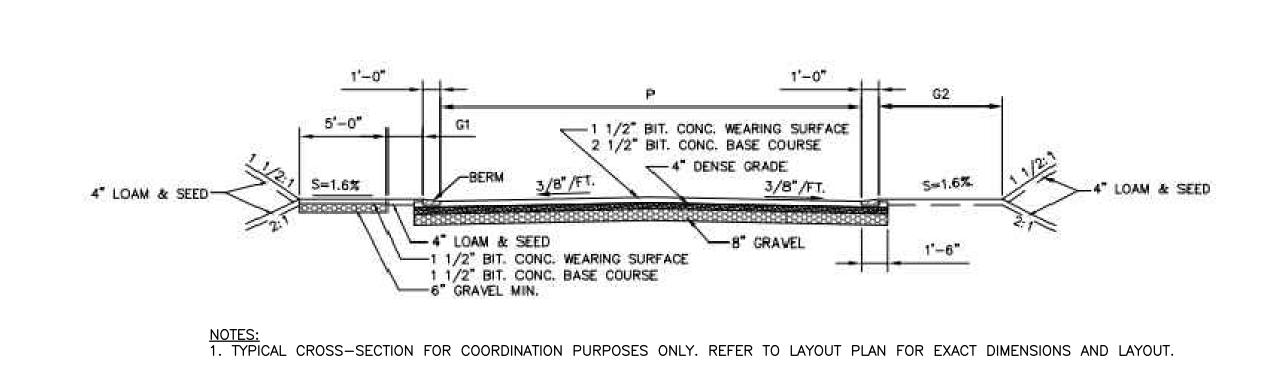
- . COMPACT SOIL SUBGRADE UNIFORMLY TO AT LEAST 95 PERCENT OF ASTM D1557 LABORATORY DENSITY.
- 2. PROOF-ROLL PREPARED SUBGRADE TO IDENTIFY SIFT POCKETS AND AREAS OF EXCESS YIELDING. EXCAVATE SOFT SPOTS, UNSATISFACTORY SOILS, AND AREAS OF EXCESSIVE PUMPING OR RUTTING, AS DETERMINED BY GEOTECHNICAL ENGINEER AND REPLACE WITH COMPACTED BACKFILL OR FILL AS DIRECTED.
- 3. CONTRACTOR SHALL COORDINATE SURFACE, BINDER, BASE, AND SUBBASE COURSES WITH GEOTECHNICAL OR SOILS REPORT. REFER TO REPORT FOR RECOMMENDATIONS FOR LOCAL SOILS OR DRAINAGE CONDITIONS AND/OR
- 4. BASE COURSE SHALL EXTEND 6 INCHES MIN. BEYOND PAVEMENT EDGE WHERE PAVEMENT DOES NOT ABUT CURB, WALL, STEPS, OR FIXED
- 5. PAVEMENT EDGES SHALL BE TAMPED WHERE PAVEMENT DOES NOT ABUT CURB, WALL, STEPS, OR FIXED OBJECT.
- 6. PROVIDE SHOP DRAWING FOR APPROVAL.

STANDARD DUTY PAVING

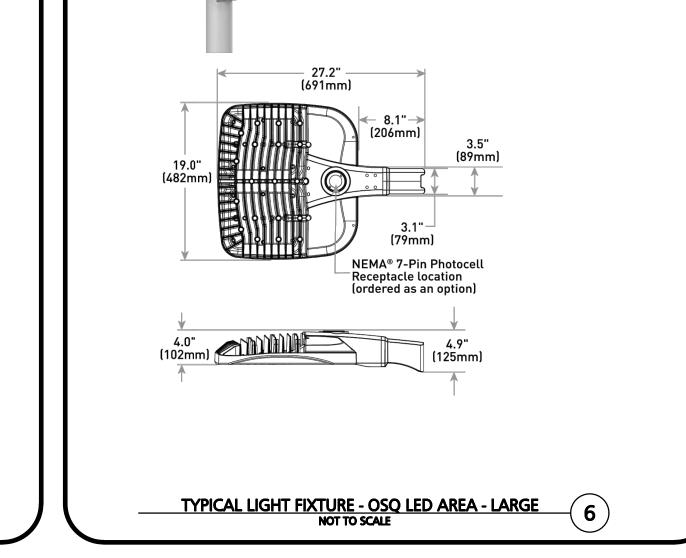
- A= 1.5" BITUMINOUS ASPHALT CONCRETE WEARING SURFACE COURSE (M.3.11.3, TABLE A, TOP COURSE)
- 2.5" ASPHALT CONCRETE BASE COURSE (M.3.11.3, TABLE A, BINDER COURSE)
- B= 4" DENSE GRADE BASE COURSE (MHD 2.01.7)
- C= 8" GRAVEL SUBBASE COURSE (MHD 1.03.1, PROCESSED GRAVEL FOR SUBBASE)

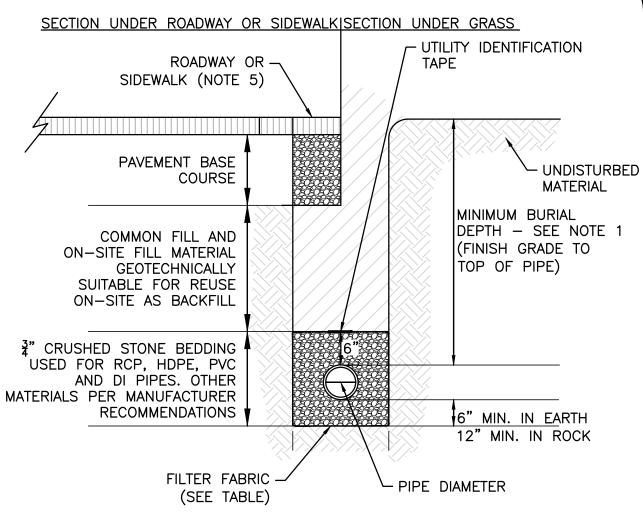
STANDARD DUTY BITUMINOUS PAVEMENT NOT TO SCALE

SILT OR CLAY GRANULAR SOIL ABOVE GROUND FILTER FABRIC FILTER FABRIC NOT REQUIRED NOT REQUIRED WATER BELOW GROUND FILTER FABRIC FILTER FABRIC REQUIRED WATER NOT REQUIRED

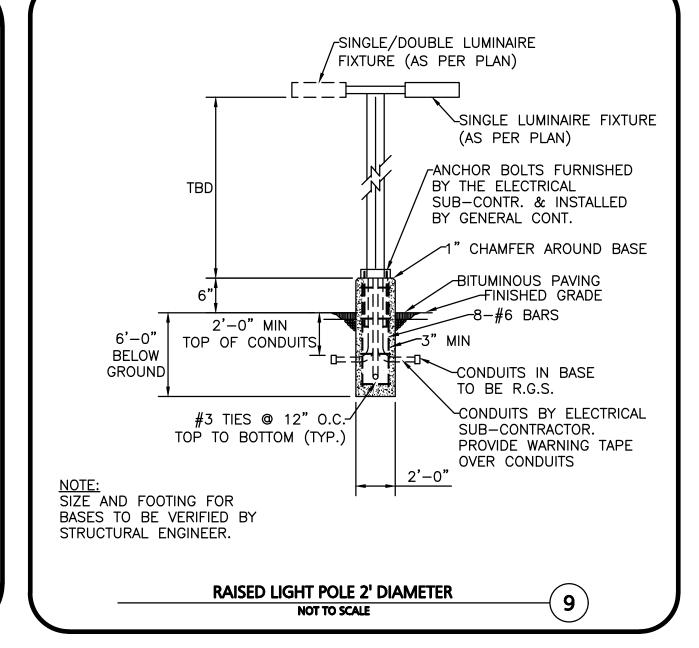












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SAID NOTICE.

RECEIVED DURING THE TWENTY DAYS NEXT

AFTER SUCH RECEIPT AND RECORDING OF



REV DATE DESCRIPTION

APPLICANT\OWNER: ELIOT COMMUNITY HUMAN SERVICES, INC. 186 BEDFORD STREET LEXINGTON, MA 02420

PROJECT:

PRELIMINARY NON-RESIDENTIAL **SUBDIVISION PLANS** 125 HARTWELL AVENUE LEXINGTON, MA

PROJECT NO. 3491-01 DATE: 2025-03-06 AS NOTED | DWG. NAME: C-3491-01

DESIGNED BY: DMR/MTB | CHECKED BY:

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DETAILS

C-501

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SHEET No.





SC-800 STORMTECH CHAMBER SPECIFICATIONS

- CHAMBERS SHALL BE STORMTECH SC-800.
- 2. CHAMBERS SHALL BE ARCH-SHAPED AND SHALL BE MANUFACTURED FROM VIRGIN, IMPACT-MODIFIED POLYPROPYLENE COPOLYMERS.
- 3. CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
- 4. CHAMBER ROWS SHALL PROVIDE CONTINUOUS, UNOBSTRUCTED INTERNAL SPACE WITH NO INTERNAL SUPPORTS THAT WOULD IMPEDE FLOW OR LIMIT ACCESS FOR INSPECTION.
- THE STRUCTURAL DESIGN OF THE CHAMBERS. THE STRUCTURAL BACKFILL, AND THE INSTALLATION REQUIREMENTS SHALL ENSURE THAT THE LOAD FACTORS SPECIFIED IN THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS SECTION 12.12 ARE MET FOR: 1) LONG-DURATION DEAD LOADS AND 2) SHORT-DURATION LIVE LOADS, BASED ON THE AASHTO DESIGN TRUCK WITH CONSIDERATION FOR IMPACT AND MULTIPLE VEHICLE PRESENCES.
- 6. CHAMBERS SHALL BE DESIGNED AND ALLOWABLE LOAD CONFIGURATIONS DETERMINED IN ACCORDANCE WITH ASTM F2787, "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS". LOAD CONFIGURATIONS SHALL INCLUDE: 1) INSTANTANEOUS (<1 MIN) AASHTO DESIGN TRUCK LIVE LOAD ON MINIMUM COVER 2) MAXIMUM PERMANENT (75-YR) COVER LOAD AND 3) ALLOWABLE COVER WITH PARKED (1-WEEK) AASHTO DESIGN TRUCK.
- REQUIREMENTS FOR HANDLING AND INSTALLATION: TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL
 - HAVE INTEGRAL, INTERLOCKING STACKING LUGS. TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 2".
 - TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT SHALL BE GREATER THAN OR EQUAL TO 550 LBS/FT/%. THE ASC IS DEFINED IN SECTION 6.2.8 OF ASTM F2418. AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.
- ONLY CHAMBERS THAT ARE APPROVED BY THE SITE DESIGN ENGINEER WILL BE ALLOWED. UPON REQUEST BY THE SITE DESIGN ENGINEER OR OWNER, THE CHAMBER MANUFACTURER SHALL SUBMIT A STRUCTURAL EVALUATION FOR APPROVAL BEFORE DELIVERING CHAMBERS TO THE PROJECT SITE
- THE STRUCTURAL EVALUATION SHALL BE SEALED BY A REGISTERED PROFESSIONAL ENGINEER. THE STRUCTURAL EVALUATION SHALL DEMONSTRATE THAT THE SAFETY FACTORS ARE GREATER THAN OR EQUAL TO 1.95 FOR DEAD LOAD AND 1.75 FOR LIVE LOAD, THE MINIMUM REQUIRED BY ASTM F2787 AND BY SECTIONS 3 AND 12.12 OF THE AASHTO LRFD BRIDGE DESIGN
- THE TEST DERIVED CREEP MODULUS AS SPECIFIED IN ASTM F2418 SHALL BE USED FOR PERMANENT DEAD LOAD DESIGN EXCEPT THAT IT SHALL BE THE 75-YEAR MODULUS USED FOR
- 9. CHAMBERS AND END CAPS SHALL BE PRODUCED AT AN ISO 9001 CERTIFIED MANUFACTURING

SPECIFICATIONS FOR THERMOPLASTIC PIPE.

IMPORTANT - NOTES FOR THE BIDDING AND INSTALLATION OF THE SC-800

- 1. STORMTECH SC-800 CHAMBERS SHALL NOT BE INSTALLED UNTIL THE MANUFACTURER'S REPRESENTATIVE HAS COMPLETED A PRE-CONSTRUCTION MEETING WITH THE INSTALLERS.
- STORMTECH SC-800 CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE "STORMTECH SC-310/SC-740/SC-800/DC-780 CONSTRUCTION GUIDE".
- CHAMBERS ARE NOT TO BE BACKFILLED WITH A DOZER OR AN EXCAVATOR SITUATED OVER THE CHAMBERS. STORMTECH RECOMMENDS 3 BACKFILL METHODS: STONESHOOTER LOCATED OFF THE CHAMBER BEI
 - BACKFILL AS ROWS ARE BUILT USING AN EXCAVATOR ON THE FOUNDATION STONE OR SUBGRADE. BACKFILL FROM OUTSIDE THE EXCAVATION USING A LONG BOOM HOE OR EXCAVATOR.
- 4. THE FOUNDATION STONE SHALL BE LEVELED AND COMPACTED PRIOR TO PLACING CHAMBERS.
- 5. JOINTS BETWEEN CHAMBERS SHALL BE PROPERLY SEATED PRIOR TO PLACING STONE.
- MAINTAIN MINIMUM 6" (150 mm) SPACING BETWEEN THE CHAMBER ROWS.
- EMBEDMENT STONE SURROUNDING CHAMBERS MUST BE A CLEAN, CRUSHED, ANGULAR STONE 3/4-2" (20-50
- THE CONTRACTOR MUST REPORT ANY DISCREPANCIES WITH CHAMBER FOUNDATION MATERIALS BEARING CAPACITIES TO THE SITE DESIGN ENGINEER.
- ADS RECOMMENDS THE USE OF "FLEXSTORM CATCH IT" INSERTS DURING CONSTRUCTION FOR ALL INLETS TO PROTECT THE SUBSURFACE STORMWATER MANAGEMENT SYSTEM FROM CONSTRUCTION SITE RUNOFF.
- NOTES FOR CONSTRUCTION EQUIPMENT
- STORMTECH SC-800 CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE "STORMTECH SC-310/SC-740/SC-800/DC-780 CONSTRUCTION GUIDE".
- THE USE OF CONSTRUCTION EQUIPMENT OVER SC-800 CHAMBERS IS LIMITED:

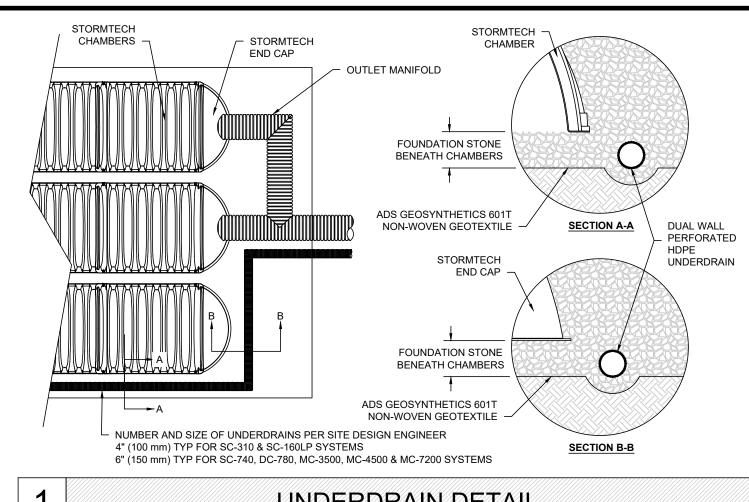
PUSH" METHOD ARE NOT COVERED UNDER THE STORMTECH STANDARD WARRANTY.

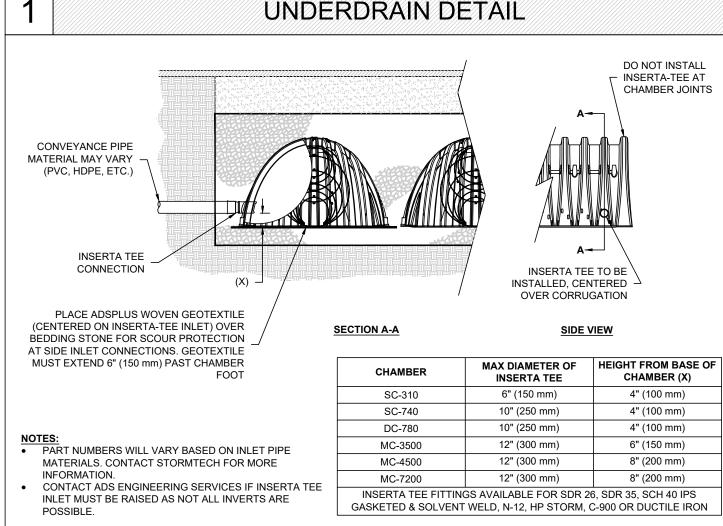
- NO EQUIPMENT IS ALLOWED ON BARE CHAMBERS. NO RUBBER TIRED LOADERS, DUMP TRUCKS, OR EXCAVATORS ARE ALLOWED UNTIL PROPER FILL
- DEPTHS ARE REACHED IN ACCORDANCE WITH THE "STORMTECH SC-310/SC-740/SC-800/DC-780 CONSTRUCTION GUIDE".
- WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT CAN BE FOUND IN THE "STORMTECH SC-310/SC-740/SC-800/DC-780 CONSTRUCTION GUIDE".

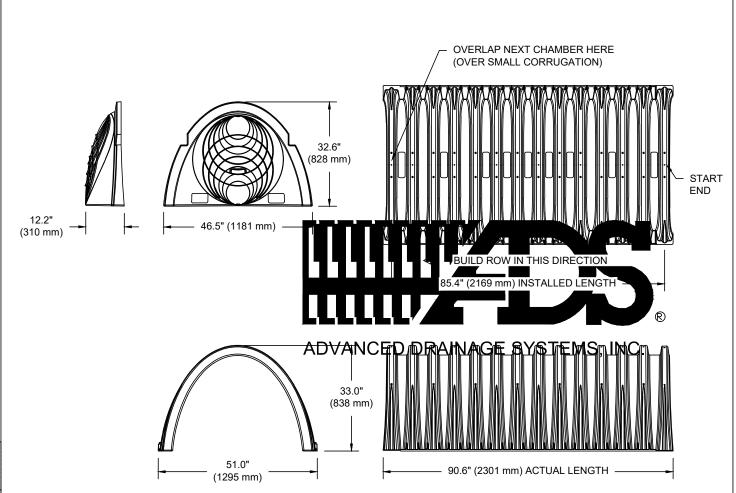
FULL 36" (900 mm) OF STABILIZED COVER MATERIALS OVER THE CHAMBERS IS REQUIRED FOR DUMP TRUCK USE OF A DOZER TO PUSH EMBEDMENT STONE BETWEEN THE ROWS OF CHAMBERS MAY CAUSE DAMAGE TO THE

CONTACT STORMTECH AT 1-888-892-2694 WITH ANY QUESTIONS ON INSTALLATION REQUIREMENTS OR WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT.

CHAMBERS AND IS NOT AN ACCEPTABLE BACKFILL METHOD. ANY CHAMBERS DAMAGED BY THE "DUMP AND







CHAMBER STORAGE MINIMUM INSTALLED STORAGE*

NOTE: ALL DIMENSIONS ARE NOMINAL

51.0" X 33.0" X 85.4" (1295 mm X 838 mm X 2169 mm) 50.6 CUBIC FEET 81.0 CUBIC FEET

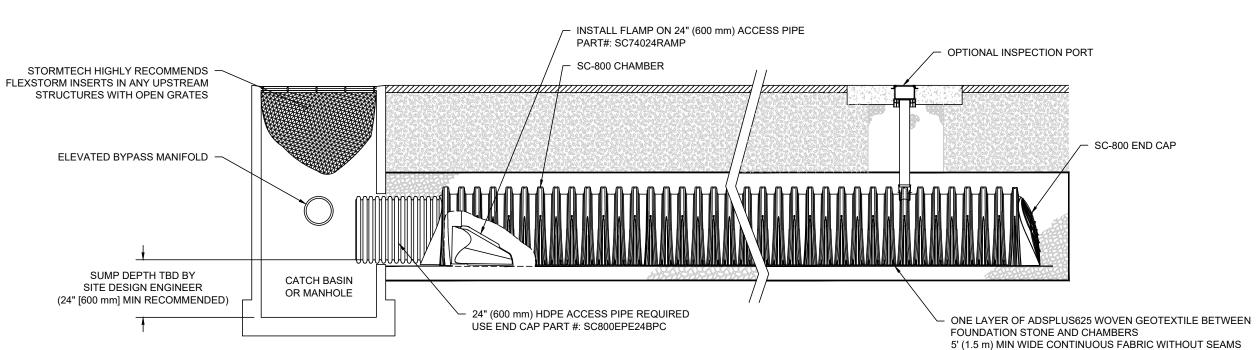
*ASSUMES 6" (152 mm) STONE ABOVE, BELOW, AND BETWEEN CHAMBERS

PRE-CORED HOLES AT BOTTOM OF END CAP FOR PART NUMBERS ENDING WITH "B" PRE-CORED HOLES AT TOP OF END CAP FOR PART NUMBERS ENDING WITH "T"

PART#	STUB	В	С
SC800EPE06TPC	6" (150 mm)	21.4" (544 mm)	
SC800EPE06BPC	0 (130 11111)		0.9" (23 mm)
SC800EPE08TPC	8" (200 mm)	19.2" (488 mm)	
SC800EPE08BPC	0 (200 11111)		1.0" (25 mm)
SC800EPE10TPC	10" (250 mm)	17.0" (432 mm)	
SC800EPE10BPC	10 (250 111111)		1.2" (30 mm)
SC800EPE12TPC	12" (300 mm)	14.4" (366 mm)	
SC800EPE12BPC	12 (300 11111)		1.6" (41 mm)
SC800EPE15TPC	15" (375 mm)	11.3" (287 mm)	
SC800EPE15BPC	15 (3/511111)		1.7" (43 mm)
SC800EPE18TPC	18" (450 mm)	8.0" (203 mm)	
SC800EPE18BPC	10 (430 11111)		2.0" (51 mm)
SC800EPE24BPC	24" (600 mm)		2.3" (58 mm)
SC800EPE	NONE	SOLID E	ND CAP

INSERTA-TEE SIDE INLET DETAIL

SC-800 TECHNICAL SPECIFICATIONS



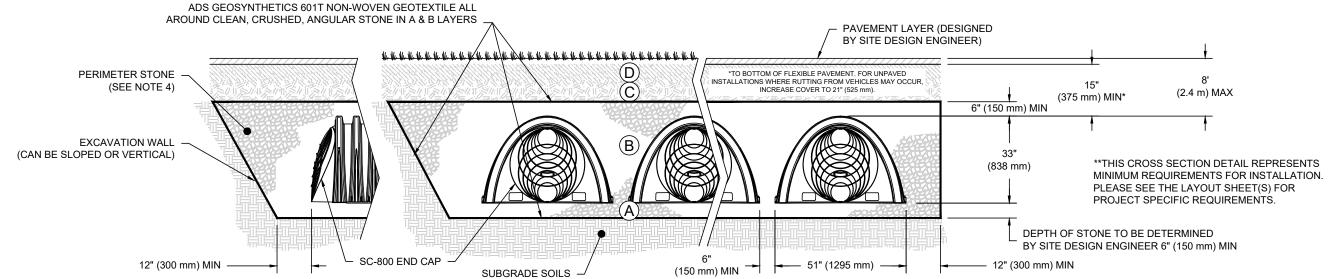
ACCEPTABLE FILL MATERIALS: STORMTECH SC-800 CHAMBER SYSTEMS

	MATERIAL LOCATION	DESCRIPTION	AASHTO MATERIAL CLASSIFICATIONS	COMPACTION / DENSITY REQUIREMENT
D	FINAL FILL: FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE PART OF THE 'D' LAYER.	ANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PER ENGINEER'S PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS.	N/A	PREPARE PER SITE DESIGN ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS.
С	INITIAL FILL: FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE EMBEDMENT STONE ('B' LAYER) TO 15" (375 mm) ABOVE THE TOP OF THE CHAMBER. NOTE THAT PAVEMENT SUBBASE MAY BE A PART OF THE 'C' LAYER.	GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <35% FINES OR PROCESSED AGGREGATE. MOST PAVEMENT SUBBASE MATERIALS CAN BE USED IN LIEU OF THIS LAYER.	AASHTO M145 ¹ A-1, A-2-4, A-3 OR AASHTO M43 ¹ 3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10	BEGIN COMPACTIONS AFTER 12" (300 mm) OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN 6" (150 mm) MAX LIFTS TO A MIN. 95% PROCTOR DENSITY FOR WELL GRADED MATERIAL AND 95% RELATIVE DENSITY FOR PROCESSED AGGREGATE MATERIALS. ROLLER GROSS VEHICLE WEIGHT NOT TO EXCEED 12,000 lbs (53 kN). DYNAMIC FORCE NOT TO EXCEED 20,000 lbs (89 kN).
В	EMBEDMENT STONE: FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE ('A' LAYER) TO THE 'C' LAYER ABOVE.	CLEAN, CRUSHED, ANGULAR STONE OR RECYCLED CONCRETE ⁵	AASHTO M43 ¹ 3, 357, 4, 467, 5, 56, 57	NO COMPACTION REQUIRED.
A	FOUNDATION STONE: FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	CLEAN, CRUSHED, ANGULAR STONE OR RECYCLED CONCRETE ⁵	AASHTO M43 ¹ 3, 357, 4, 467, 5, 56, 57	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE. ^{2,3}

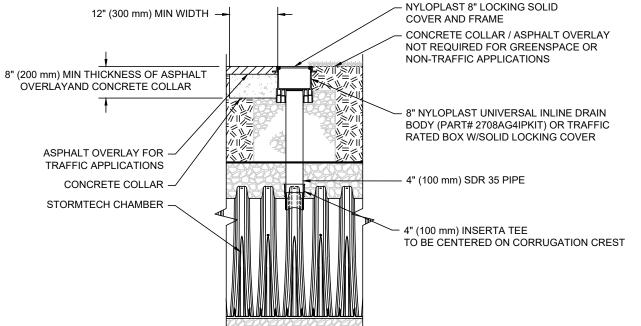
PLEASE NOTE: THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE"

STORMTECH COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 6" (150 mm) (MAX) LIFTS USING TWO FULL COVERAGES WITH A VIBRATORY COMPACTOR. WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION FOR STANDARD DESIGNS CONTACT STORMTECH FOR SPECIAL LOAD DESIGNS CONTACT STORMTECH FOR COMPACTION REQUIREMENTS

ONCE LAYER 'C' IS PLACED. ANY SOIL/MATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER 'C' OR 'D' AT THE SITE DESIGN ENGINEER'S DISCRETION. WHERE RECYCLED CONCRETE AGGREGATE IS USED IN LAYERS 'A' OR 'B' THE MATERIAL SHOULD ALSO MEET THE ACCEPTABILITY CRITERIA OUTLINED IN TECHNICAL NOTE 6.20 "RECYCLED CONCRETE STRUCTURAL BACKFILL"



SC-800 ISOLATOR ROW PLUS DETAIL



INSPECTION PORTS MAY BE CONNECTED THROUGH ANY CHAMBER CORRUGATION CREST

INSPECTION & MAINTENANCE

- STEP 1) INSPECT ISOLATOR ROW PLUS FOR SEDIMENT . INSPECTION PORTS (IF PRESENT)
 - REMOVE/OPEN LID ON NYLOPLAST INLINE DRAIN REMOVE AND CLEAN FLEXSTORM FILTER IF INSTALLED
 - USING A FLASHLIGHT AND STADIA ROD, MEASURE DEPTH OF SEDIMENT AND RECORD ON MAINTENANCE LOG A.4. LOWER A CAMERA INTO ISOLATOR ROW PLUS FOR VISUAL INSPECTION OF SEDIMENT LEVELS (OPTIONAL) A.5. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
 - REMOVE COVER FROM STRUCTURE AT UPSTREAM END OF ISOLATOR ROW PLUS
 - USING A FLASHLIGHT, INSPECT DOWN THE ISOLATOR ROW PLUS THROUGH OUTLET PIPE) MIRRORS ON POLES OR CAMERAS MAY BE USED TO AVOID A CONFINED SPACE ENTRY
 - ii) FOLLOW OSHA REGULATIONS FOR CONFINED SPACE ENTRY IF ENTERING MANHOLE
- B.3. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3. STEP 2) CLEAN OUT ISOLATOR ROW PLUS USING THE JETVAC PROCESS
- A. A FIXED CULVERT CLEANING NOZZLE WITH REAR FACING SPREAD OF 45" (1.1 m) OR MORE IS PREFERRED APPLY MULTIPLE PASSES OF JETVAC UNTIL BACKFLUSH WATER IS CLEAN VACUUM STRUCTURE SUMP AS REQUIRED
- STEP 3) REPLACE ALL COVERS, GRATES, FILTERS, AND LIDS; RECORD OBSERVATIONS AND ACTIONS.
- STEP 4) INSPECT AND CLEAN BASINS AND MANHOLES UPSTREAM OF THE STORMTECH SYSTEM.

- 1. INSPECT EVERY 6 MONTHS DURING THE FIRST YEAR OF OPERATION. ADJUST THE INSPECTION INTERVAL BASED ON PREVIOUS OBSERVATIONS OF SEDIMENT ACCUMULATION AND HIGH WATER ELEVATIONS.
- 2. CONDUCT JETTING AND VACTORING ANNUALLY OR WHEN INSPECTION SHOWS THAT MAINTENANCE IS NECESSARY.

- CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
- SC-800 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS" . THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF FOUNDATION STONE WITH
- CONSIDERATION FOR THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS.
- PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.
- . REQUIREMENTS FOR HANDLING AND INSTALLATION TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL. THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 2"
- TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT AS DEFINED IN SECTION 6.2.8 OF ASTM F2418 SHALL BE GREATER THAN OR EQUAL TO 550 LBS/FT/%. AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW

100 COMMERCE WAY, SUITE 5 WOBURN MA 01801 TEL: (781) 935-6889 FAX: (781) 935-2896 WOBURN, MA ◆ LAKEVILLE, MA ◆ MANCHESTER, N THIS DRAWING HAS BEEN PREPARED IN DIGITAL FORMA CLIENT/CLIENT'S REPRESENTATIVE OR CONSULTANTS MAY BI PROVIDED COPIES OF DRAWINGS AND SPECIFICATIONS FOR HIS/HER INFORMATION AND/OR SPECIFIC USE ON THIS PROJECT. DUE TO TH POTENTIAL THAT THE PROVIDED INFORMATION MAY BE MODIFIE

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TOWN OF LEXINGTON PLANNING BOARD

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ACTION DATED _____

SAID NOTICE.

TOWN CLERK

REV

APPLICANT\OWNER:

PROJECT NO.

186 BEDFORD STREET LEXINGTON, MA 02420

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BEEN RECEIVED AND RECORDED AT THIS

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RECEIVED DURING THE TWENTY DAYS NEXT

AFTER SUCH RECEIPT AND RECORDING OF

No.49923

PROFESSIONAL ENGINEER FOR

ALLEN & MAJOR ASSOCIATES, INC.

DATE DESCRIPTION

ELIOT COMMUNITY HUMAN SERVICES, INC.

PRELIMINARY NON-RESIDENTIAL

SUBDIVISION PLANS

125 HARTWELL AVENUE

LEXINGTON, MA

3491-01 DATE:

AS NOTED | DWG. NAME:

DMR/MTB | CHECKED BY:

ALLEN & MAJOR

nvironmental consulting • landscape architecture

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UNINTENTIONALLY OR OTHERWISE, ALLEN & MAJOR ASSOCIATES

2025-03-06

C-3491-0

SHEET No.

LEXINGTON

DATE

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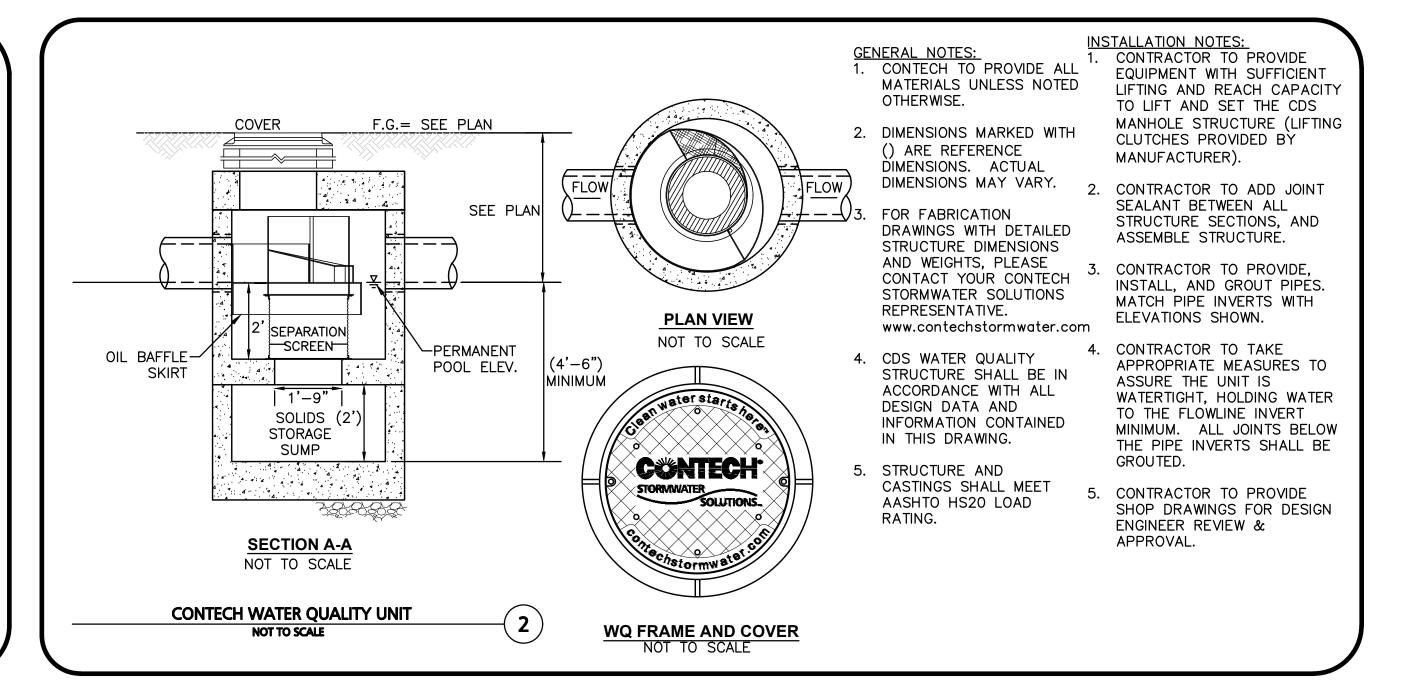
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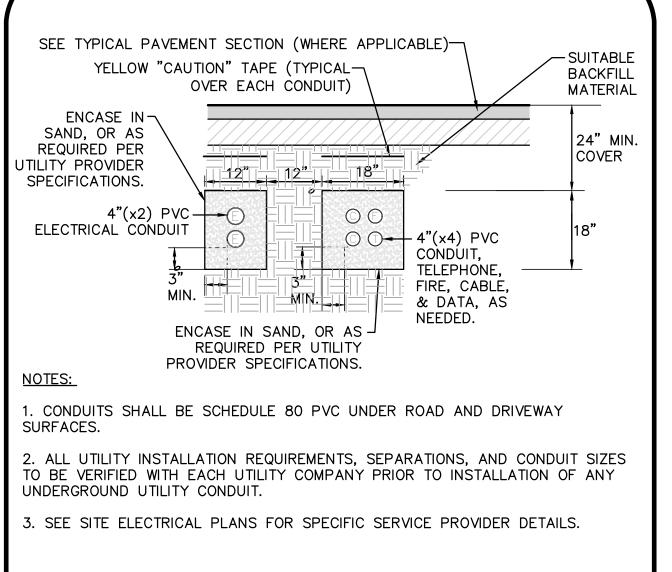
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4" PVC INSPECTION PORT DETAIL (SC SERIES CHAMBER)

SC-800 CROSS SECTION DETAIL





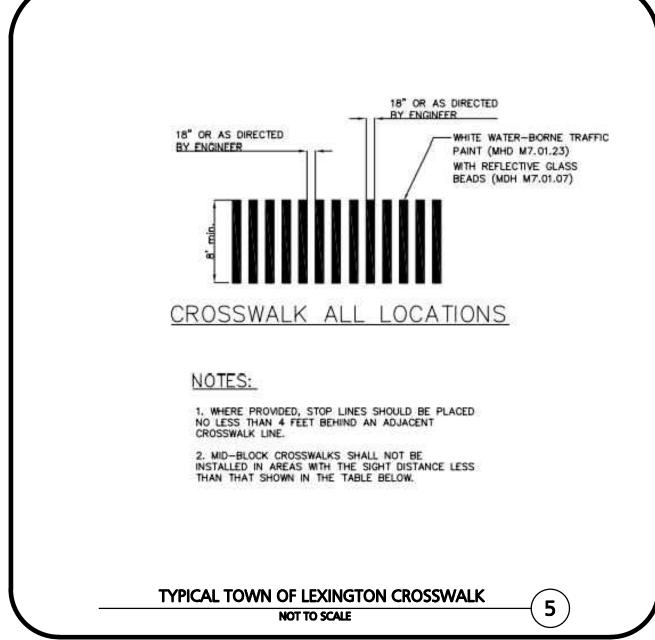
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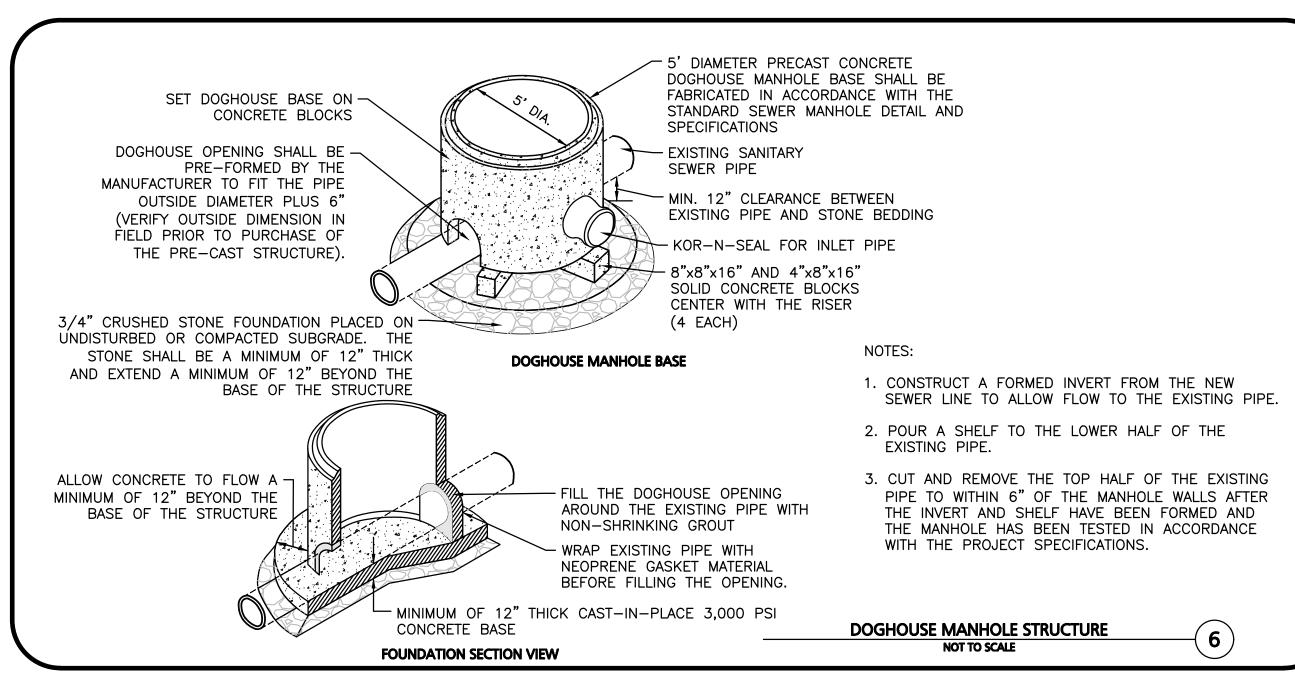
OF THE LONGEST RADIUS POSSIBLE TANGENT TO THE CENTER LINE

OF THE HIGHEST PIPE CROWN AND SLOPE TO DRAIN TOWARD THE FLOWING THROUGH CHANNEL. UNDERLAYMENT OF INVERT AND SHELF

SHALL CONSIST OF CEMENT CONCRETE OR BRICK IN MORTAR.

NOT TO SCALE

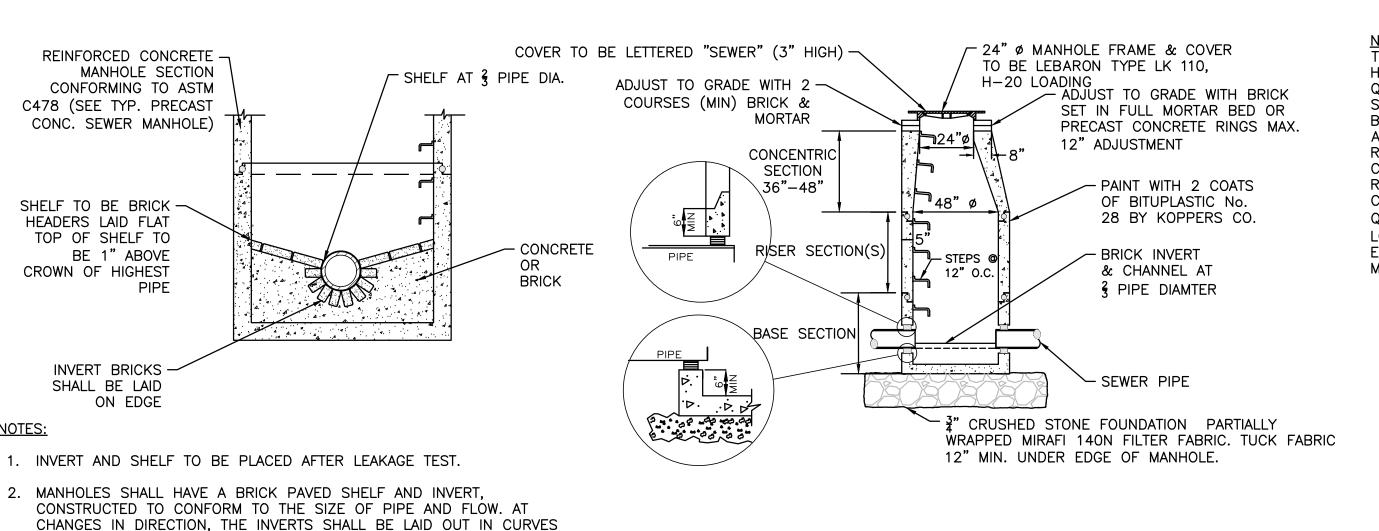




INSIDE FACE

OF MANHOLE

MORTAR



NOTE: THE MANHOLE, INCLUDING ALL COMPONENT PARTS, SHALL HAVE ADEQUATE SPACE, STRENGTH AND LEAK PROOF QUALITIES CONSIDERED NECESSARY FOR THE INTENDED SERVICE SPACE REQUIREMENT AND CONFIGURATIONS SHALL BE AS SHOWN ON THE DRAWING. MANHOLES MAY BE AN ASSEMBLY OR PRECAST SECTIONS, WITH OR WITHOUT STEEL REINFORCEMENT, WITH ADEQUATE JOINTING OR CONCRETE CAST MONOLITHICALLY IN PLACE WITH OR WITHOUT REINFORCEMENT. IN ANY APPROVED MANHOLE, THE COMPLETE STRUCTURE SHALL BE OF SUCH MATERIAL AND QUALITY AS TO WITHSTAND LOADS OF 8 TONS (H-20 LOADING) WITHOUT FAILURE AND PREVENT LEAKAGE IN EXCESS OF ONE GALLON PER DAY PER VERTICAL FOOT OF MANHOLE.

PRECAST CONCRETE SEWER MANHOLE

NOT TO SCALE

- RUBBER-LIKE KOR-N-SEAL BOOT - NSIDE FACE KOR-N-SEAL JOINT SLEEVE OF (OR APPROVED EQUAL) MANHOLE ► FILL WITH STAINLESS STEEL MORTAR STRAP RUBBER-LIKE -FLEXIBLE SLEEVE LOCK-JOINT FLEXIBLE MANHOLE SLEEVE (OR APPROVED EQUAL) 1. PIPE TO MANHOLE JOINTS SHALL BE ONLY AS APPROVED BY THE ENGINEER AND IN GENERAL, WILL DEPEND FOR WATER TIGHTNESS UPON ELASTOMETRIC 2. NON-SHRINKING MORTAR SHALL ONLY BE USED WHERE SPECIFICALLY APPROVED BY THE ENGINEER. PIPE CONNECTION TO SEWER MANHOLE NOT TO SCALE

ANODIZED ALUMINUM

- STAINLESS STEEL

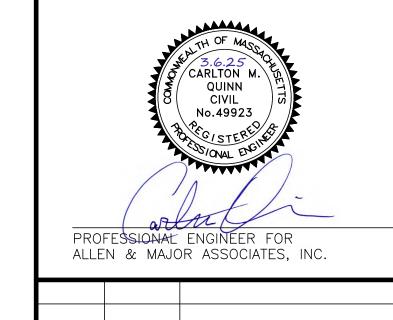
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CLAMP

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ELIOT COMMUNITY HUMAN SERVICES, INC. 186 BEDFORD STREET LEXINGTON, MA 02420

PROJECT:

PRELIMINARY NON-RESIDENTIAL **SUBDIVISION PLANS** 125 HARTWELL AVENUE LEXINGTON, MA

PROJECT NO. 3491-01 DATE: 2025-03-06 C-3491-01 AS NOTED | DWG. NAME: DMR/MTB | CHECKED BY:



civil engineering • land surveying nvironmental consulting ◆ landscape architecture www.allenmajor.com 100 COMMERCE WAY, SUITE 5 WOBURN MA 01801

TEL: (781) 935-6889 FAX: (781) 935-2896

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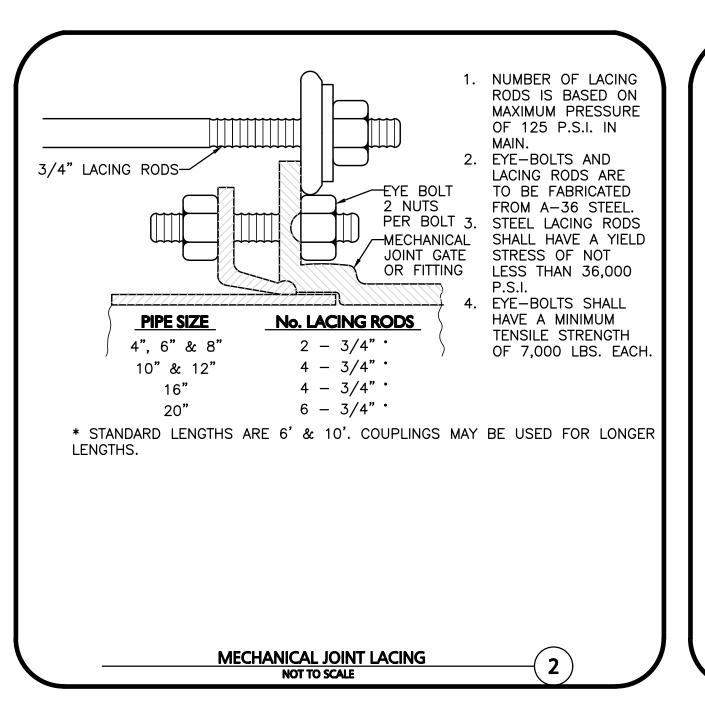
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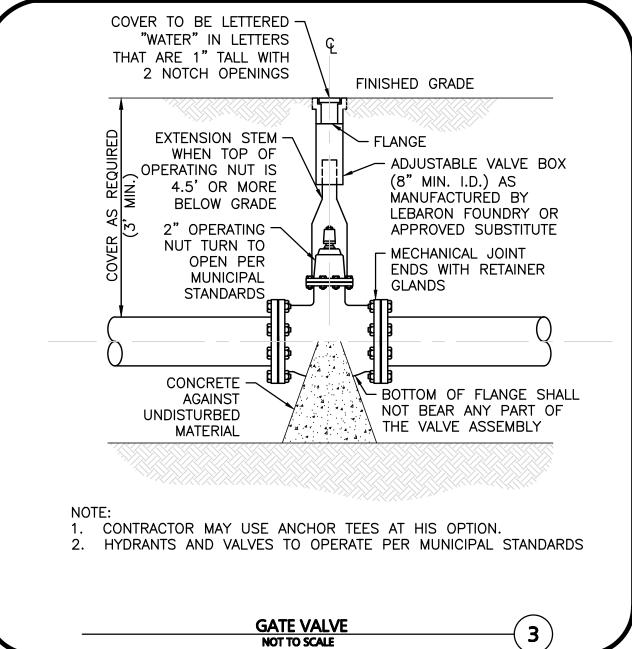
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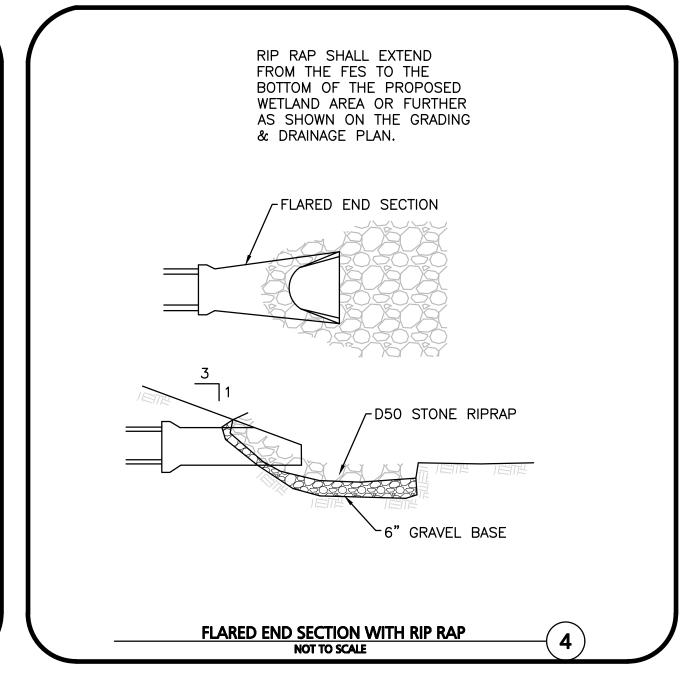
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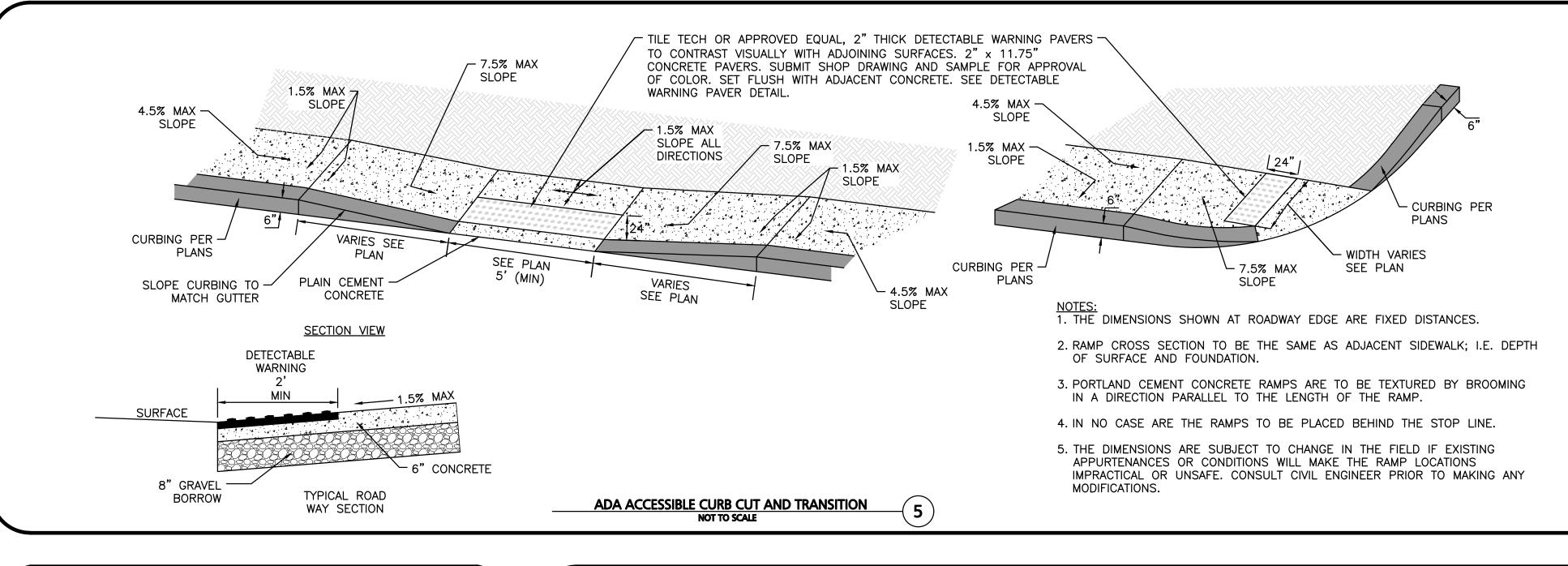
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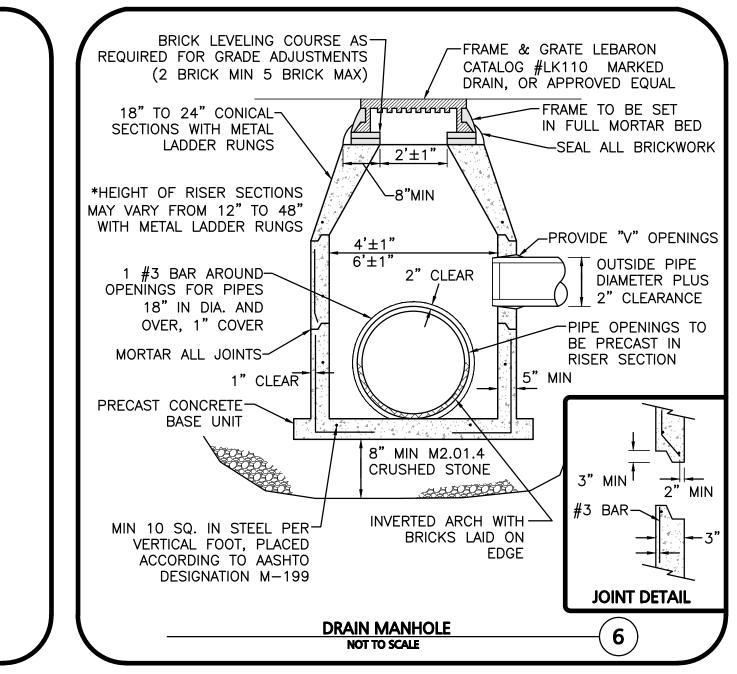
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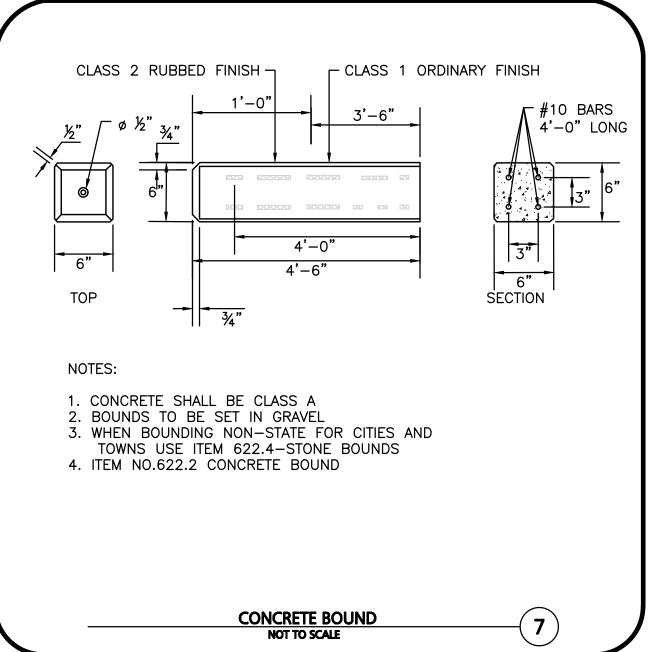


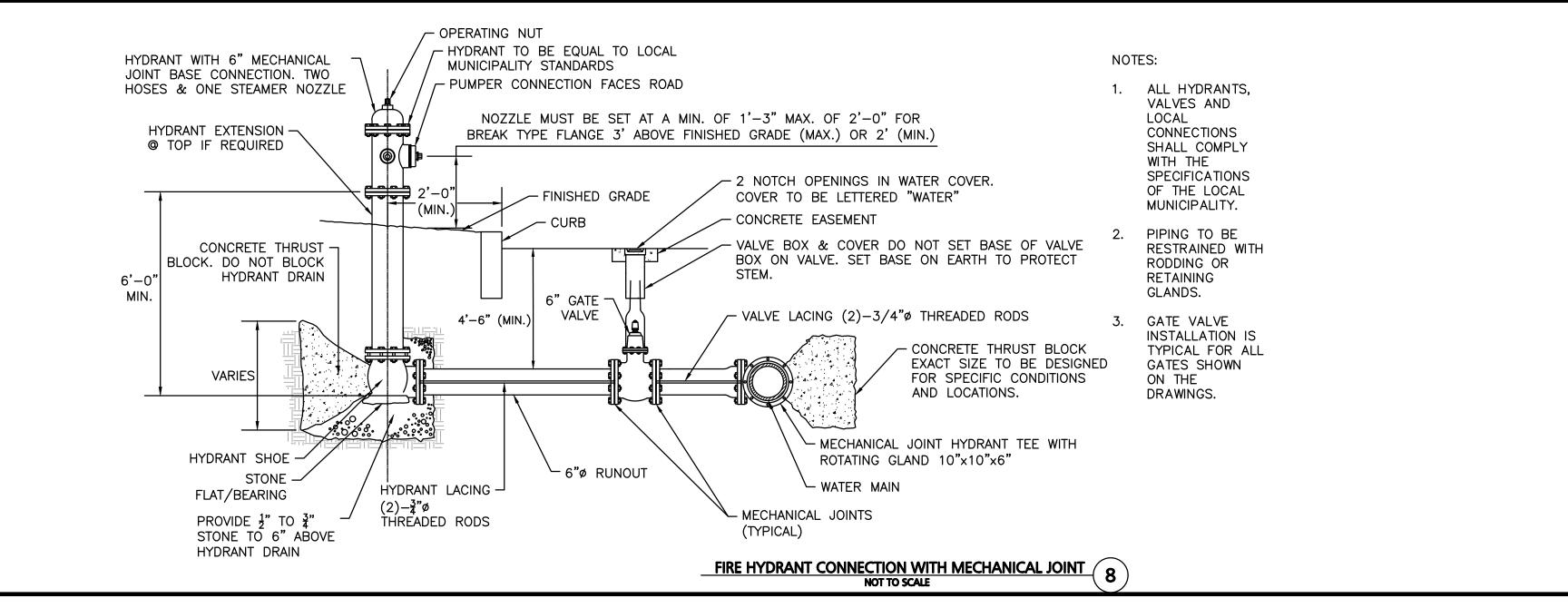












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TOWN OF LEXINGTON PLANNING BOARD

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DATED

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ACTION DATED

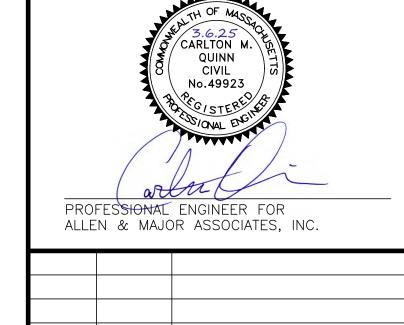
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DATED

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TOWN CLERK DATE



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PRELIMINARY NON-RESIDENTIAL
SUBDIVISION PLANS
125 HARTWELL AVENUE
LEXINGTON, MA

PROJECT NO. 3491-01 DATE: 2025-03-06

SCALE: AS NOTED DWG. NAME: C-3491-01

DESIGNED BY: DMR/MTB CHECKED BY: CMQ



civil engineering ◆ land surveying
nvironmental consulting ◆ landscape architecture
w w w . a l l e n m a j o r . c o m
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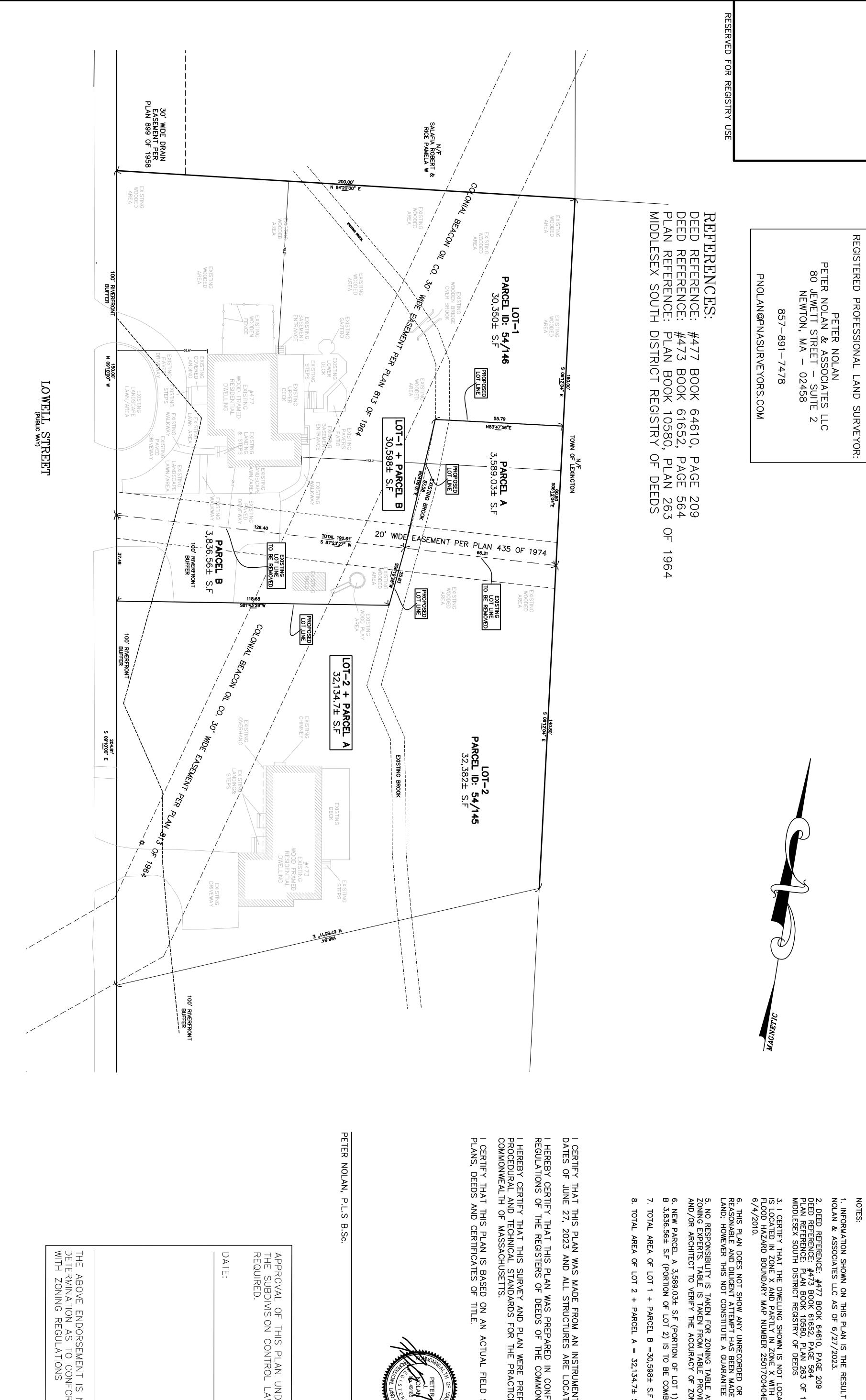
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LEXINGTON PLANNING BOARD

AGENDA	ITEM	TITL	E:
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473 & 477 Lowell Street - ANR (Approval Not Required)

PRI Stafi	ESENTER:	<u>ITEM</u> <u>NUMBER:</u>
	IMARY:	
lot lir	ANR proposes to alter the side lot lines between two loses adjusted to confirm that the driveway is at least 5 ft. een submitted yet but may be filed prior to the meeting.	from the side property line. The application has
SUG	GESTED MOTION:	
<u>FOI</u>	LOW-UP:	
DAT	E AND APPROXIMATE TIME ON AGENDA:	<u>.</u>
AI	TACHMENTS: Description	Tyraa
В	DRAFT ANR Plan	Type Exhibit
ם	Aerial View	Exhibit



1. INFORMATION SHOWN ON THIS PLAN IS THE RESULT OF NOLAN & ASSOCIATES LLC AS OF 6/27/2023. A FIELD SURVEY

2. DEED REFERENCE: #477 BOOK 64610, PAGE 209 DEED REFERENCE: #473 BOOK 61652, PAGE 564 PLAN REFERENCE: PLAN BOOK 10580, PLAN 263 OF 1964 MIDDLESEX SOUTH DISTRICT REGISTRY OF DEEDS

3. I CERTIFY THAT THE DWELLING SHOWN IS NOT LOCATED WITHIN A SPECIAL FLOOD HAZARD ZONE. IT IS LOCATED IN ZONE X AND PARTLY IN ZONE X WITH 0.2% ANNUAL CHANCE FLOOD HAZARD, ON FLOOD HAZARD BOUNDARY MAP NUMBER 25017C0404E, IN COMMUNITY NUMBER: 250198, DATED 6/4/2010.

6. THIS PLAN DOES NOT SHOW ANY UNRECORDED OR UNWRITTEN EASEMENTS WHICH MAY EXIST. A REASONABLE AND DILIGENT ATTEMPT HAS BEEN MADE TO OBSERVE ANY APPARENT USES OF THE LAND; HOWEVER THIS NOT CONSTITUTE A GUARANTEE THAT NO SUCH EASEMENTS EXIST.

5. NO RESPONSIBILITY IS TAKEN FOR ZONING TABLE AS PETER NOLAN & ASSOCIATES LLC ARE NOT ZONING EXPERTS. TABLE IS TAKEN FROM TABLE PROVIDED BY LOCAL ZONING ORDINANCE. CLIENT AND/OR ARCHITECT TO VERIFY THE ACCURACY OF ZONING ANALYSIS.

6. NEW PARCEL A 3,589.03 \pm S.F (PORTION OF LOT 1) IS TO BE COMBINED WITH LOT 2 AND PARCEL B 3,836.56 \pm S.F (PORTION OF LOT 2) IS TO BE COMBINED WITH LOT 1.

8. TOTAL AREA OF LOT $2 + PARCEL A = 32,134.7 \pm S.F$ RECORD OWNER GEVA SHLOMO RECORD OWNER KSHATRIYA SAURABH

I CERTIFY THAT THIS PLAN WAS MADE FROM AN INSTRUMENT SURVEY ON THE GROUND THE DATES OF JUNE 27, 2023 AND ALL STRUCTURES ARE LOCATED AS SHOWN HEREON. I HEREBY CERTIFY THAT THIS SURVEY AND PLAN WERE PREPARED IN ACCORDANCE WITH THE PROCEDURAL AND TECHNICAL STANDARDS FOR THE PRACTICE OF LAND SURVEYING IN THE COMMONWEALTH OF MASSACHUSETTS. I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED IN CONFORMITY WITH THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS

I CERTIFY THAT THIS PLAN IS BASED ON AN ACTUAL FIELD SURVEY AND THE LATEST RECORD PLANS, DEEDS AND CERTIFICATES OF TITLE.



THE ABOVE ENDORSEMENT IS NOT A DETERMINATION AS TO CONFORMANCE WITH ZONING REGULATIONS APPROVAL OF THIS PLAN UNDER THE SUBDIVISION CONTROL LAW IS NOT REQUIRED.

	202 5691	PHONE: 857 891 7478/617 782 1533 FAX: 617 202 5691		APPD BY
	LTANTS	LAND SURVEYORS/CIVIL ENGINEERING CONSULTANTS		CHKD BY
		PETER NOI AN & ASSOCIATES		DX
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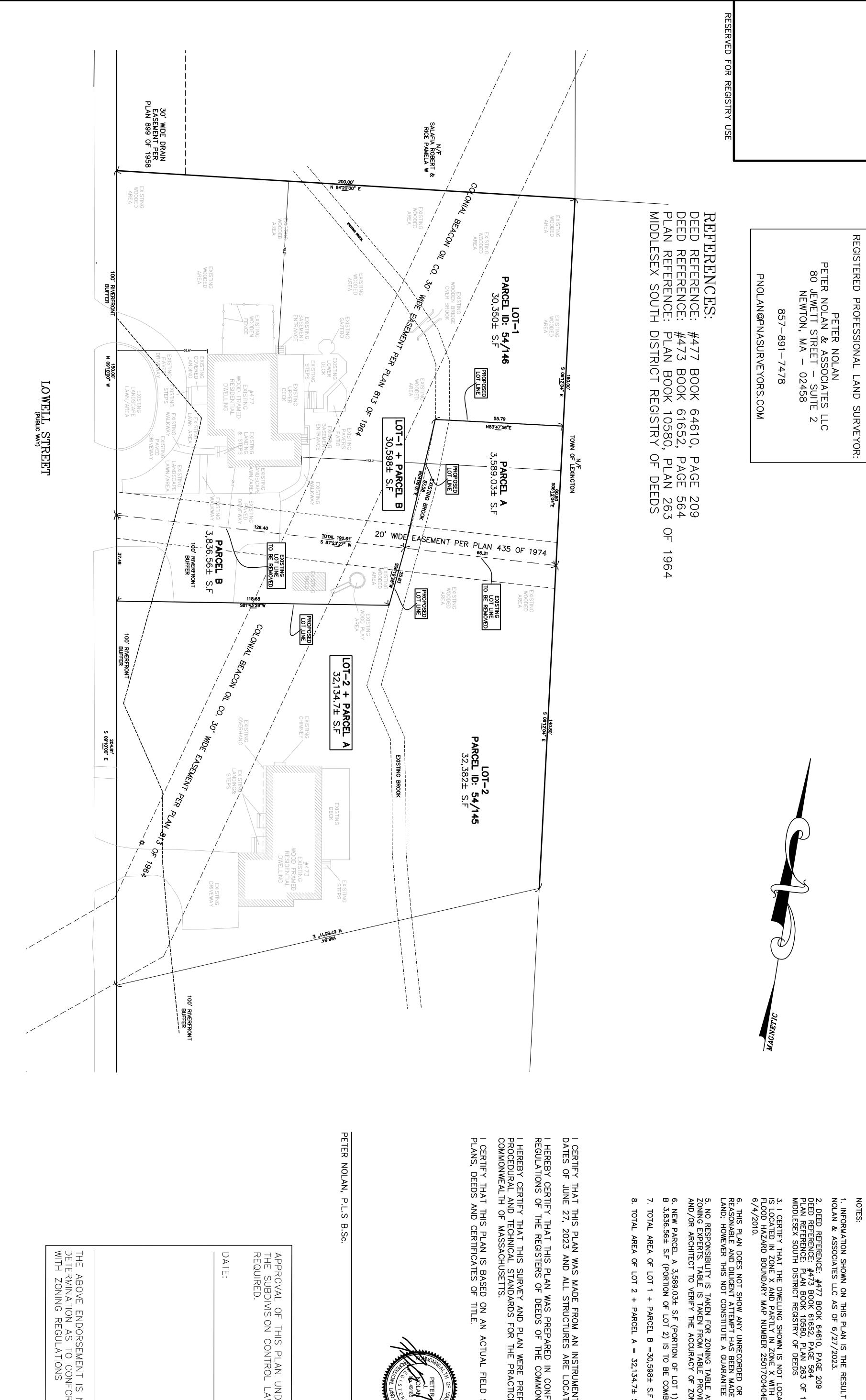
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8. TOTAL AREA OF LOT $2 + PARCEL A = 32,134.7 \pm S.F$ RECORD OWNER GEVA SHLOMO RECORD OWNER KSHATRIYA SAURABH

I CERTIFY THAT THIS PLAN WAS MADE FROM AN INSTRUMENT SURVEY ON THE GROUND THE DATES OF JUNE 27, 2023 AND ALL STRUCTURES ARE LOCATED AS SHOWN HEREON. I HEREBY CERTIFY THAT THIS SURVEY AND PLAN WERE PREPARED IN ACCORDANCE WITH THE PROCEDURAL AND TECHNICAL STANDARDS FOR THE PRACTICE OF LAND SURVEYING IN THE COMMONWEALTH OF MASSACHUSETTS. I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED IN CONFORMITY WITH THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS

I CERTIFY THAT THIS PLAN IS BASED ON AN ACTUAL FIELD SURVEY AND THE LATEST RECORD PLANS, DEEDS AND CERTIFICATES OF TITLE.



THE ABOVE ENDORSEMENT IS NOT A DETERMINATION AS TO CONFORMANCE WITH ZONING REGULATIONS APPROVAL OF THIS PLAN UNDER THE SUBDIVISION CONTROL LAW IS NOT REQUIRED.

	202 5691	PHONE: 857 891 7478/617 782 1533 FAX: 617 202 5691		APPD BY
	LTANTS	LAND SURVEYORS/CIVIL ENGINEERING CONSULTANTS		CHKD BY
		PETER NOI AN & ASSOCIATES		DX
			•	DRAWN BY
SHEET NO.				CLIENT:
		MASSACHUSELIS		1 OF 1
SOUND LAND SO				PLAN NO.
DISOISTER NO				1
16. 49185 O		473-477 LOWELL STREET		LABHS
MMC I	BY	DATE REVISION	REV [9/23/2024
PETER				DATE
TH OF MASS				1"=20'
				SCALE

YRIGHT

2024 PETER NOLAN &

ASSOCIATES

LLC

GRAPHIC

SCALE

(IN FEET inch = 20

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LEXINGTON PLANNING BOARD

AGENDA ITEM TITLE:

185.	187-189	Bedford	Street -	ANR (Approv	al Not	Reo	uired	١
100	10, 10,	Dualora			TPPTO	~ 1 1 0 1			,

PRESENTER: Staff	ITEM NUMBER:
SUMMARY:	
The ANR proposes combining the two lots into one. This was a condition of the January 30, 20 review approval for the project site. Application material here: https://lexingtonma.portal.opengov.com/locations/133812	025 site plan

SUGGESTED MOTION:

Move to endorse the approval not required plan for 185, 187-189 Bedford Street.

Board members: please stop by the office to sign the plans.

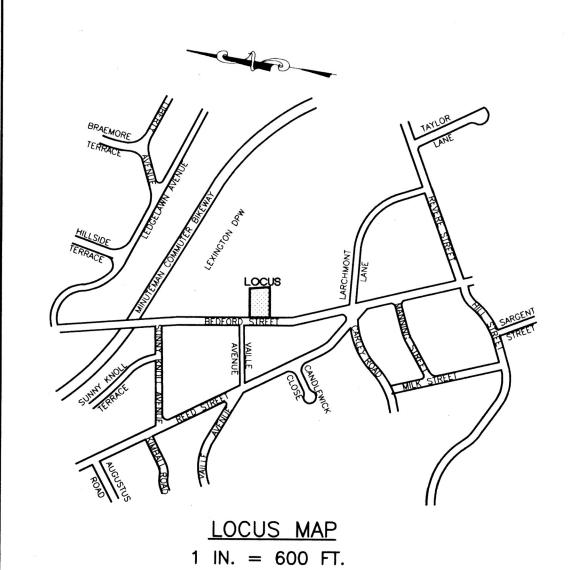
FOLLOW-UP:

DATE AND APPROXIMATE TIME ON AGENDA:

4/17/2025

ATTACHMENTS:

Description Type
ANR Plan Exhibit





TOWN OF LEXINGTON S13°26'20"E 125.51 20' SEWER EASEMENT 2 STY. W.F. NO. 187-189 2 STY. W.F. NO. 185 MONISHA ADHIKARY & SAGAR PANDEY BK. 78442 PG. 256 AMIT KUMAR & POOJA CHUGH BK. 79316 PG. 588 MAP 64 PARCEL 71 ROBERT J. DEREGIS BK. 42950 PG. 38 MAP 64 PARCEL 74A LOT 3 LOT 2 12,828 S.F. 10,321 S.F. 189 BEDFORD STREET LLC BK. 63736 PG. 363 MAP 64 PARCEL 72 185 BEDFORD STREET LLC BK. 66654 PG. 497 MAP 64 PARCEL 73A 125.30' S09°00'00"E

BEDFORD (PUBLIC) STREET

PLAN REFERENCES PLAN 711 OF 1944 PLAN 711 OF 1944
PLAN 445 OF 1945
PLAN 255 OF 1966
PLAN 1163 OF 1970
PLAN 1649 OF 1980
PLAN 674 OF 1981

NOTE: THE PURPOSE OF THIS PLAN IS TO COMBINE LOTS 2 AND 3 TO CREATE ONE LOT CONTAINING 23,149 S.F. THE CURRENT DIVIDING LINE IS TO BE EXTINGUISHED.

NOTE: EXISTING BUILDINGS TO BE RAZED.

I CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN CONFORMITY WITH THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.

PLANNING BOARD APPROVAL UNDER SUBDIVISION CONTROL LAW NOT REQUIRED.

THE ENDORSEMENT ABOVE IS NOT A DETERMINATION BY THE PLANNING BOARD AS TO COMPLIANCE WITH THE ZONING BYLAW.

APPROVAL NOT REQUIRED 185-187-189 BEDFORD STREET

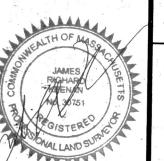
LEXINGTON, MÄSSACHUSETTS (MIDDLESEX COUNTY)

PREPARED FOR

BEACON POINT DEVELOPMENT 186 BEDFORD STREET LEXINGTON, MA. 02421

SCALE: 1"= 20'

DATE: APRIL 11, 2025



KEENAN SURVEY 8 WINCHESTER PLACE WINCHESTER, MA 01890

MAP 64 PARCELS 72 & 73A SHEET No. 1 OF 1

LEXINGTON PLANNING BOARD

AGENDA ITEM TITLE:	
Board Member & Staff Updates	
PRESENTER:	<u>ITEM</u> UMBER:
SUMMARY:	
SUGGESTED MOTION:	
FOLLOW-UP:	
DATE AND APPROXIMATE TIME ON AGENDA:	

4/17/2025

LEXINGTON PLANNING BOARD

AGENDA ITEM TITLE:

Review of Draft Meeting Minutes: 3/12 & 3/27/25	
PRESENTER:	ITEM NUMBER
SUMMARY:	
SUGGESTED MOTION:	
FOLLOW-UP:	
DATE AND APPROXIMATE TIME ON AGENDA:	
4/17/2025	

LEXINGTON PLANNING BOARD

AGENDA ITEM TITLE:	
Upcoming Meetings	
PRESENTER:	<u>ITEM</u> NUMBER:
SUMMARY:	
SUGGESTED MOTION:	
FOLLOW-UP:	
DATE AND APPROXIMATE TIME ON AGENDA:	
4/17/2025	

LEXINGTON PLANNING BOARD

AGENDA ITEM TITLE:

Adjourn - The meeting will continue until all items are finished. The estimated adjournment time is 9:30 pm.

PRESENTER:	<u>ITEM</u> <u>NUMBER</u>
SUMMARY:	
SUGGESTED MOTION:	
FOLLOW-UP:	
DATE AND APPROXIMATE TIME ON AGENDA:	
4/17/2025	

LEXINGTON PLANNING BOARD

AGENDA ITEM TITLE:

Zoom Details - https://www.lexingtonma.gov/377/Access-Virtual-Meetings

PRESENTER:

NUMBER:

SUMMARY:

Topic: Planning Board Meeting

Time: Apr 17, 2025 06:00 PM Eastern Time (US and Canada)

Join Zoom Meeting

https://lexingtonma.zoom.us/j/82672499911?pwd=BCctYjNFUJP4J6uneEbckbG797azqC.1

Meeting ID: 826 7249 9911

Passcode: 879938

One tap mobile

- +16469313860,,82672499911#,,,,*879938# US
- +13017158592,,82672499911#,,,,*879938# US (Washington DC)

Dial by your location

- +1 646 931 3860 US
- +1 301 715 8592 US (Washington DC)
- +1 305 224 1968 US
- +1 309 205 3325 US
- +1 312 626 6799 US (Chicago)
- +1 646 876 9923 US (New York)
- +1 408 638 0968 US (San Jose)
- +1 507 473 4847 US
- +1 564 217 2000 US
- +1 669 444 9171 US
- +1 669 900 6833 US (San Jose)
- +1 689 278 1000 US
- +1 719 359 4580 US
- +1 253 205 0468 US
- +1 253 215 8782 US (Tacoma)
- +1 346 248 7799 US (Houston)
- +1 360 209 5623 US
- +1 386 347 5053 US

SUGGESTED MOTION:	
FOLLOW-UP:	

DATE AND APPROXIMATE TIME ON AGENDA:

Find your local number: https://lexingtonma.zoom.us/u/kdE2lWrOc7

4/17/2025

Meeting ID: 826 7249 9911 Passcode: 879938