COVER SHEET

In accordance with the requirements of the City of Cambridge Zoning Ordinance, the undersigned hereby requests the Public Advisory Consultation for the premises indicated below.

Parcel Address(s): 103-109 School St, Cambridge, MA 02139

Base Zoning District(s): C-1

Overlay Zoning District(s): Central Square Zoning Overlay District

Owner Name: 103-109 School St Cambridge LLC

Owner Address: 103 School St, Cambridge, MA 02139

Applicant Name: Jinshan Zuo

Applicant Address: 103 School St, Cambridge, MA 02139

Contact Information: Jinshan Zuo (Name) 425-389-5719 (Telephone #)

sunny.zuo123@gmail.com (Email Address)

Brief description of the project:

The project proposes the demolition of the existing two-story structure at 103–109 School Street in Cambridge and the construction of a new residential apartment building containing twenty-four (24) dwelling units.

The proposed unit mix consists of seven (7) one-bedroom, one-bathroom apartments and seventeen (17) studio apartments. The development will replace the existing structure with a new multifamily

Denote other City of Cambridge Board/Commission Review Needed:

☐ Board of Zoning Appeal ☐ Conservation Commission ☐ Historical Commission

Jinshan Zuo 11/10/2026

Signature of Applicant **Date**

This dimensional form is intended to demonstrate zoning compliance for projects that are subject to Section 19.40 and Section 19.50 of the Cambridge Zoning Ordinance.

Project Address: 103 School St. **Zoning District:** Zone C-1

	Existing	Allowed or Required (max/min)	Proposed
Lot Area (sq ft)	-	3,969 SF	3,570 SF
Total Gross Floor Area (sq ft)	-	-	13,568 SF
Residential Uses	-	-	8,619 SF
Non-Residential Uses	-	-	4,949 SF
Total Floor Area Ratio (FAR)	-	-	N/A
Residential Uses	-	-	N/A
Non-Residential Uses	-	-	N/A
Total Dwelling Units	-	-	24
Total Stories Above Grade	-	4	4
Max. Height – Residential (ft)	-	45.3' / 41.3'	45'
Max. Height – Non-Residential (ft)	-	10'	4.7'
Front Yard Setback(s) (ft)*	-	5'	5'
Side Yard Setback(s) (ft)*	-	5'	5'
Rear Yard Setback(s) (ft)*	-	5'	5'
Total Open Space (% of Lot Area)**	-	30%	43.2%
Private Open Space	-	-	19.6%
Permeable Open Space	-	15%	22.6%
Publicly Beneficial Open Space	-	-	-
Off-Street Parking Spaces	-	-	-
Long-term Bicycle Parking Spaces	-	25	25
Short-term Bicycle Parking Spaces	-	3	4
Loading Bays		-	-

*Indicate all applicable setbacks. Make sure distances match the submitted site plans.
**Refer to Open Space definitions in Article 2.000 and Open Space provisions in Section 5.22 of the CZO. Make sure all open space information matches the submitted site plans.

Use space below and/or attached pages for additional notes:

103–109 School Street Cambridge

Project Narrative

Programmatic Need

The proposed development will expand Cambridge's housing supply by replacing the existing two-story structure with a new residential apartment building containing twenty-four (24) dwelling units. The mix of studio and one-bedroom apartments is intended to serve smaller households, provide additional housing choices, and make more efficient use of the property within the Central Square area.

Project Site

The property is located at 103–109 School Street in Cambridge, Massachusetts, within the C-1 zoning district and the Central Square Overlay District. The site is currently occupied by a two-story structure proposed for demolition. The redevelopment will introduce residential use at a greater density, contributing to the housing component of the surrounding urban neighborhood.

Project Scope

The project includes demolition of the existing structure and construction of a new four-story multifamily residential building containing approximately 13,586 square feet of floor area. The proposed unit mix consists of seventeen (17) studio apartments and seven (7) one-bedroom, one-bathroom apartments, for a total of twenty-four (24) dwelling units. Associated building entrances, resident facilities, and site improvements will be developed as part of the project design.

Planning and Design Objectives

The project aims to provide additional housing while establishing a thoughtful relationship with School Street and neighboring properties. Design priorities include a welcoming residential entrance, a pedestrian-oriented street frontage, energy efficiency, and consideration of the scale and character of surrounding development. The project design and permitting submissions will address applicable zoning provisions, including the requirements of the Central Square Overlay District, along with building dimensions, landscaping, and other site improvements.

Zoning Compliance

Refer to zoning table attached.

City of Cambridge — Cool Score Sheet — 11/10/2026

Project Address	Special Permit Number	Total Lot Area (SF)
103-109 School Street	N/A	3,958
Applicant Name	**Phone Number**	**Open Space Requirement (%)**
103-109 School St Cambridge LLC (Jinshan Zuo, Jin Sun)	425-389-5719	30%
Applicant Contact / Address	**Email Address**	**Zoning District**
34 Sevland Road, Newton, MA 02459	sunny.zuo123@gmail.com	Residence C-1
Project Description		**Result**
perimeter enhancements. With the proposed building occupying the majority of the site footprint, the environmental mitigation strategy		Pass

Enter minimum required open space ratio. If the ratio is less than 20%, enter 20 here.

20

When entering strategies that are within 20' of the street (including sidewalks), do not also enter them in column H.

			Outside 20' of Street	Value Factor		Within 20' of Street	Value Factor	Contributing Area
Trees		**Preserved Existing Trees**						
Enter the number of trees in each category. Count each tree only once on this form.	A1	Understory tree currently <10' canopy spread	0	0.80	+	0	1.60	-
	A2	Understory tree currently >10' canopy spread	0	1.00	+	0	2.00	-
	A3	Canopy tree currently <15' canopy spread	0	0.80	+	0	1.60	-
	A4	Canopy tree currently between 15' and 25' canopy spread	0	1.00	+	0	2.00	-
	A5	Canopy tree currently >25' canopy spread	0	1.20	+	0	2.40	-
		New or Transplanted Trees						
	A6	Understory tree	0	0.60	+	0	1.20	-
	A7	Canopy tree	0	0.70	+	1	1.40	980
Planting Areas	B1	Lawn Area	0	0.30	+	0	0.60	-
Enter area in square feet of each component in the box provided	B2	Low Planting Area	329	0.40	+	0	0.80	132
	B3	High Planting Area	0	0.50	+	132	1.00	132
Green Roofs & Facades	C1	Green Façade	0	0.10	+	0	0.20	-
	C2	Living Wall	0	0.30	+	0	0.60	-
For definitions, see reference document.	C3	Green Roof Area	0	0.30	+	0	0.60	-
	C4	Short Intensive Green Roof Area	0	0.50	+	0	1.00	-
	C5	Intensive Green Roof Area	0	0.60	+	0	1.20	-
Paving & Structures	D1	Low Slope Roof	2,541	N/A				
	D2	High-SRI Paving	90	0.1				9
	D3	Shaded Area	0	0.2	+	0	0.40	-

High-SRI Paving areas within 20' of a Street do not count towards the Cool Score

Project Summary

Portion of lot area utilizing green strategies	31%
Portion of score from green strategies	89%
Portion of score from trees	78%
Portion of score contributing to public realm cooling	89%

Total Contributing Area	1,253
Total Area Goal	1,187
COOL FACTOR SCORE	1.05

If your project scores 1 or above, you have successfully met the requirements of the Cool Factor.

Green Factor Certification Form

This is for projects that are subject to the Green Factor Standard in Section 22.90 of the Cambridge Zoning Ordinance, which requires site and landscape design features that reduce urban heat.

Review Section 22.90 of the Cambridge Zoning Ordinance and the Cambridge Cool Score Information and Guidelines before completing this form. When submitting a completed form, attach the supporting materials listed in the Green Factor Checklist.

Project Address/Location: **103-109 School Street, Cambridge, MA**

Planning Board (PB) and/or Board of Zoning Appeal (BZA) case number (if applicable): _____

Developer Name and Contact Information

Name: 103-109 School St Cambridge LLC (Jinshan Zuo, Jin Sun)

Mailing Address: 34 Sevland Road, Newton, MA 02459

Email Address: sunny.zuo123@gmail.com

Telephone #: 425-389-5719

Applicability: Section 22.92 & Section 5.22.5

Is this project subject to Green Building Requirements (Section 22.20)?	□ Yes ☒ No
Does this project involve the construction of a new building?	☒ Yes □ No
Does this project enlarge an existing building's footprint by at least 50%?	□ Yes ☒ No
Does this project involve the creation of new surface parking area?	□ Yes ☒ No

Answer the questions below if the answer is "Yes" to any of the above

Requirements

Cool Roof Requirement

Does this project involve the construction of a new building roof or replacement of more than 50% of an existing roof?	☒ Yes □ No
Has this project received a Certificate of Appropriateness from the Cambridge Historical Commission or a Neighborhood Conservation District Commission, or a determination of adverse effect by the Executive Director of the Cambridge Historical Commission? [if "Yes," attach the document to your submission]	□ Yes □ No ☒ N/A

Last Updated: March 2024

How much of the new or replaced roof area (in sq. ft.) has a slope (rise:run) of less than 2:12? [Cool Roof Requirement is not applicable to roof area with a 2:12 or steeper slope]	APPROXIMATELY +/- 2,541 SF, FLAT ROOF
What is the initial Solar Reflectance Index (SRI) of the proposed roof surface material for the area described above, excluding any solar energy systems or green roof area? [Minimum is 82]	Initial: 99 3 Year Aged: 85

Cool Score – Base information on the attached Cool Score Sheet and Site/Roof Plan

What is the Cool Score of the proposed site design? [Minimum is 1.0 except per below]	**1.05**
What is the Cool Score of the existing site? [Only answer if the project does not involve a new building or enlargement of a building footprint. The proposed Cool Score must not be less than the Cool Score of the existing site]	**N/A**

Modifications to Requirements

Has the project received, or will the project seek, a special permit from the Planning Board to modify the Green Factor Standard for this proposal?	□ Received SP (date: _____) □ Seeking SP ☒ No modification

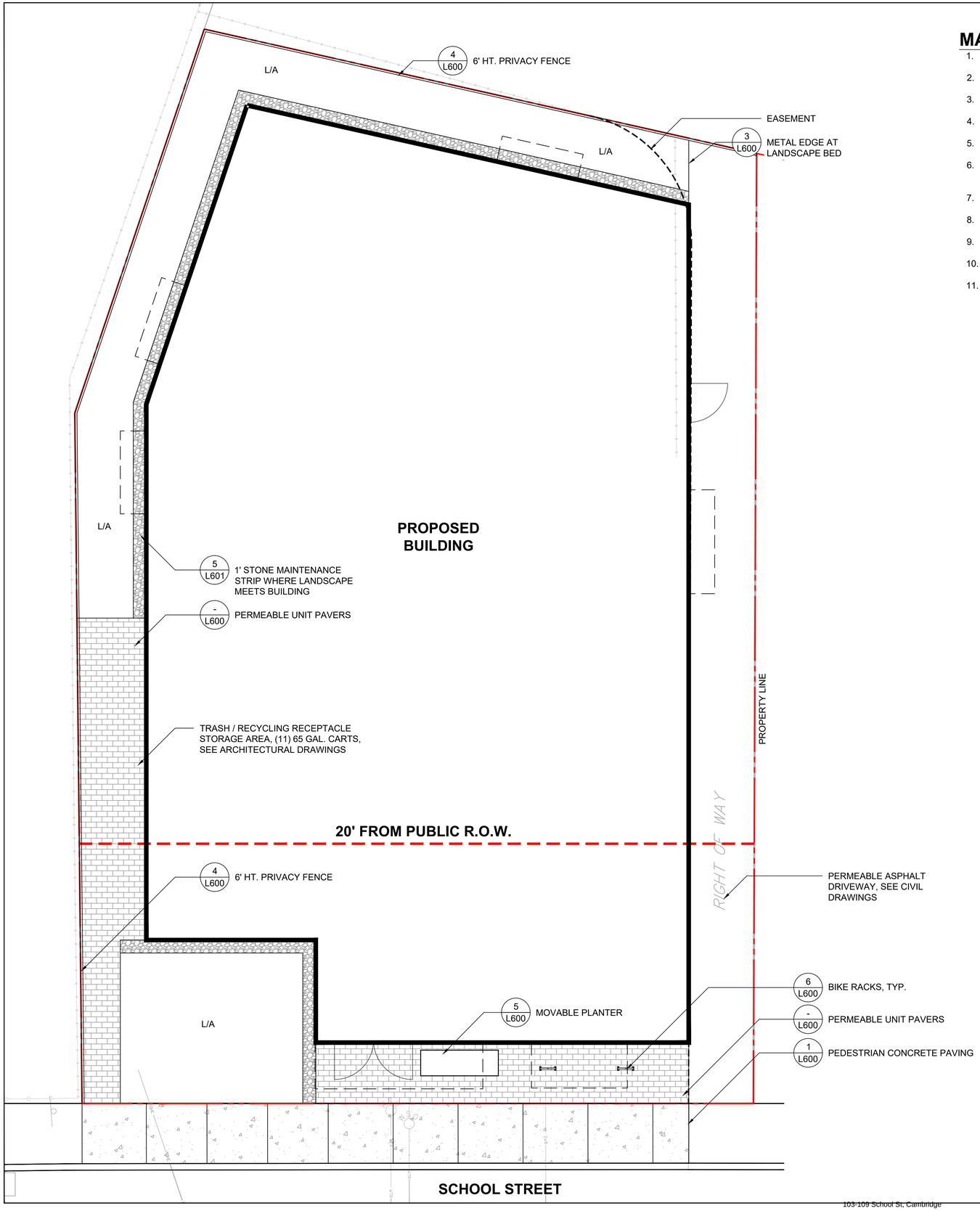
Jin Sun — Signature of Applicant

10/10/2025 — Date

Green Factor Checklist

Project Phase	Required Submissions
☐ **Special Permit/Design Review (if applicable)**	☒ Green Factor Certification Form ☒ Cool Score Sheet ☒ Site and Roof Plans
☐ **Building Permit**	☐ Green Factor Certification Form (updated from prior version) ☐ Cool Score Sheet (updated from prior version) ☐ Site and Roof Plans (updated from prior version) ☐ Catalog of plant species including height and canopy spread of trees and height and soil depth of high and low planting areas ☐ Specifications of roof surface material including initial Solar Reflectivity Index (SRI) ☐ Specifications of paving material including SRI (if applicable) ☐ Specifications of green roof installation with operations and maintenance plan (if applicable)
☐ **Certificate of Occupancy**	***All materials updated based on as-built conditions:*** ☐ Green Factor Certification Form (updated from prior version) ☐ Cool Score Sheet (based on as-built conditions) ☐ Site and Roof Plans (based on as-built conditions) ☐ Catalog of plant species including height and canopy spread of trees and height and soil depth of high and low planting areas ☐ Specifications of roof surface material including initial Solar Reflectivity Index (SRI) ☐ Specifications of paving material including SRI (if applicable) ☐ Specifications of green roof installation with operations and maintenance plan (if applicable)

Last Updated: March 2024



MATERIALS NOTES

1. THE CONTRACTOR SHALL THOROUGHLY REVIEW ALL DRAWINGS AND SPECIFICATIONS TO ESTABLISH THE FULL SCOPE OF WORK AND NECESSARY PROJECT COORDINATION.
2. THE CONTRACTOR IS RESPONSIBLE FOR CONDUCTING A COMPREHENSIVE SITE EXAMINATION TO FULLY UNDERSTAND ALL EXISTING CONDITIONS PRIOR TO THE SUBMISSION OF BIDS.
3. THE CONTRACTOR SHALL LOCATE AND VERIFY THE POSITION OF ALL EXISTING UTILITIES ON SITE BEFORE COMMENCING ANY EXCAVATION WORK.
4. THE CONTRACTOR SHALL SCHEDULE AND COORDINATE ON SITE PRE-INSTALLATION CONFERENCES FOR ALL PAVEMENT AND WALL WORK WITH THE OWNERS REPRESENTATIVE AND LANDSCAPE ARCHITECT.
5. THE CONTRACTOR SHALL SUBMIT ALL SHOP DRAWINGS AND PRODUCT DATA AND MATERIAL CERTIFICATIONS AND MIX DESIGNS AND PHYSICAL SAMPLES TO THE LANDSCAPE ARCHITECT FOR REVIEW.
6. THE CONTRACTOR SHALL CONSTRUCT ON SITE MOCK UPS TO DEMONSTRATE ALL DESIGN COMPONENTS INCLUDING EDGES AND SURFACES AND COLORS AND JOINTING FOR APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO FINAL INSTALLATION.
7. ALL PAVEMENT JOINT DIMENSIONS ARE TO THE CENTER LINE UNLESS ABUTTING A VERTICAL FACE WHERE DIMENSIONS ARE TO THE FACE AND ALL DRAWINGS MUST BE FIELD VERIFIED BY THE CONTRACTOR.
8. THE CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR ANY DAMAGE SUSTAINED INSIDE OR OUTSIDE THE LIMIT OF WORK RESULTING FROM CONSTRUCTION OPERATIONS.
9. STORAGE AREAS FOR ALL EQUIPMENT AND MATERIALS SHALL BE MAINTAINED WITHIN THE LIMITS OF WORK AND ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT.
10. THE CONTRACTOR SHALL ENSURE THAT ALL NEW PAVING SEAMLESSLY MEETS THE LINE AND GRADE OF EXISTING PAVING AT ALL TRANSITION POINTS.
11. AT ALL LOCATIONS WHERE NEW CONSTRUCTION ABUTS EXISTING BITUMINOUS CONCRETE THE EXISTING PAVEMENT EDGE SHALL BE SAWCUT TO PROVIDE A CLEAN AND SMOOTH TRANSITION.

SCALE: 1/4"=1'-0"

4' 2' 0 4' 8'

NOT FOR CONSTRUCTION

103-109 SCHOOL ST

CAMBRIDGE, MA 02139

CLIENT: 103-109 SCHOOL ST
CAMBRIDGE LLC

ASCO

AS Collective LLC
Landscape Architecture | Site Planning
Quincy, MA

E. INFO@ASCOLLECTIVE-LA.COM ASCOLLECTIVE-LA.COM T. 781-915-7476

CONSULTANT:

STAMP:



REV.	DATE	DESCRIPTION

KEY PLAN:

SCALE: 1/8"=1'-0"

DRAWN: AS

REVIEWED: AS

PROJECT NUMBER:

2612

ISSUE DATE:

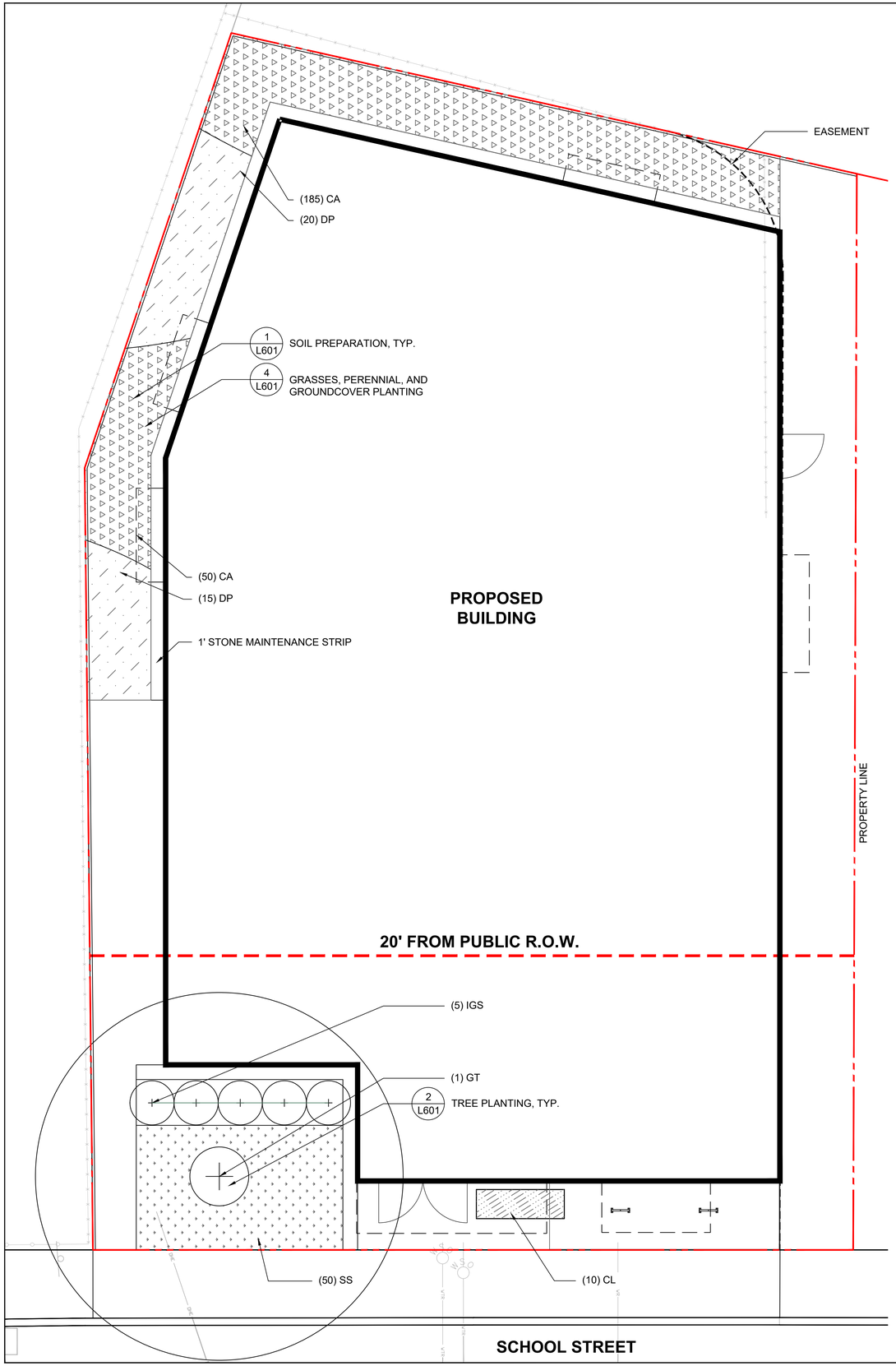
10 NOVEMBER 2026

SHEET NAME:

LANDSCAPE MATERIALS PLAN

SHEET NUMBER:

L200



GENERAL PLANTING NOTES

1. IN THE EVENT OF DISCREPANCIES BETWEEN THE QUANTITY OF PLANT MATERIAL SHOWN ON THE PLANTING PLAN AND THE PLANT LIST, THE PLANTING PLAN SHALL GOVERN.
2. ALL NEW PLANT MATERIAL SHALL CONFORM TO THE CURRENT EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK PUBLISHED BY THE AMERICANHORT (FORMERLY THE AMERICAN ASSOCIATION OF NURSERYMEN). ALL PLANT MATERIAL SHALL BE OF SPECIMEN QUALITY.
3. ALL NEW PLANT MATERIAL SHALL BE BALLED AND BURLAPPED (B&B) OR CONTAINER-GROWN UNLESS OTHERWISE NOTED.
4. THE CONTRACTOR SHALL FURNISH ALL PLANT MATERIAL IN QUANTITIES SUFFICIENT TO COMPLETE THE PLANTING WORK AS ILLUSTRATED IN THE DRAWINGS.
5. SUBSTITUTIONS OF PLANT SPECIES SHALL BE MADE ONLY WITH PRIOR WRITTEN APPROVAL FROM THE LANDSCAPE ARCHITECT AND MUST MATCH THE SPECIFIED SPECIES IN OVERALL FORM, HEIGHT, BRANCHING HABIT, FLOWER, FOLIAGE, COLOR, FRUIT, AND CULTURAL REQUIREMENTS.
6. ALL PLANT MATERIAL SHALL BE TAGGED AND APPROVED BY THE LANDSCAPE ARCHITECT AT THE NURSERY PRIOR TO DIGGING OR DELIVERY TO THE SITE.
7. THE CONTRACTOR SHALL LOCATE AND VERIFY ALL EXISTING UTILITIES PRIOR TO PLANTING AND NOTIFY THE LANDSCAPE ARCHITECT OF ANY CONFLICTS.
8. THE LOCATION OF ALL PROPOSED PLANTING SHALL BE STAKED IN THE FIELD AND APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
9. SHRUBS AND GROUNDCOVERS SHALL BE INSTALLED AT THE SAME DEPTH AS PREVIOUSLY GROWN. TREES SHALL BE INSTALLED WITH THE TOP OF THE ROOT BALL 3 INCHES ABOVE SURROUNDING FINISHED GRADE. NO TREES SHALL BE PLANTED UNTIL ROUGH GRADING HAS BEEN ACCEPTED.
10. ALL PLANTING BEDS SHALL BE MULCHED WITH AGED, SHREDDED, UNDYED BARK MULCH AS SPECIFIED.
11. ALL EXISTING TREES DESIGNATED TO REMAIN SHALL BE PROTECTED DURING CONSTRUCTION. PROTECTION MEASURES SHALL BE SUBJECT TO REVIEW AND APPROVAL BY THE LANDSCAPE ARCHITECT.
12. PRUNE TREES IN ACCORDANCE WITH PROJECT SPECIFICATIONS AND RECOGNIZED ARBORICULTURAL STANDARDS.
13. THE CONTRACTOR SHALL MAINTAIN ALL NEW PLANT MATERIAL UNTIL FINAL ACCEPTANCE AND PROVIDE A MINIMUM ONE (1) YEAR WARRANTY FROM THE DATE OF FINAL ACCEPTANCE.
14. VERIFY ALL PLANT QUANTITIES AGAINST THE PLANTING PLANS, GRADING PLANS, AND SPECIFICATIONS, INCLUDING AREAS OUTSIDE GRADING LIMITS DISTURBED FOR CONSTRUCTION PURPOSES.
15. WHERE SAND OR SAND-AND-GRAVEL DRAINAGE LAYERS ARE SPECIFIED, EXTEND SUCH LAYERS TO ASSOCIATED DRAIN LINES, DRAINAGE STRUCTURES, OR DAYLIGHT AS APPROPRIATE.
16. WHERE DIFFERING SOIL TYPES MEET, PROVIDE A 1:1 (HORIZONTAL:VERTICAL) SLOPED TRANSITION BETWEEN MATERIALS.
17. IF SOIL EXCAVATION OR PLACEMENT IS REQUIRED WITHIN THE DRIP LINE OF EXISTING TREES, CONSULT WITH THE LANDSCAPE ARCHITECT PRIOR TO BEGINNING WORK.
18. ALL WORK WITHIN THE DRIP LINE OF EXISTING TREES, INCLUDING EXCAVATION AND SOIL PLACEMENT, SHALL BE PERFORMED BY HAND.
19. SCARIFY SUBGRADE AS SPECIFIED PRIOR TO THE PLACEMENT OF PLANTING SOIL.
20. DO NOT HANDLE OR PLACE PLANTING SOILS WHEN EXCESSIVELY WET.
21. PROTECT ALL EXISTING SOILS FROM COMPACTION, CONTAMINATION BY CONSTRUCTION MATERIALS, AND OTHER DISTURBANCES.
22. THE CONTRACTOR IS RESPONSIBLE FOR ASSESSING SITE CONDITIONS, COORDINATING SOIL PLACEMENT, AND INSTALLING ANY NECESSARY SUBDRAINAGE RELATED TO PLANTING.
23. NO PLANTING SOILS SHALL BE PLACED UNTIL INSPECTED AND APPROVED BY THE LANDSCAPE ARCHITECT.

PLANTING SCHEDULE

SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	COMMENTS
TREES					
BND	1	GLEDITSIA TRIACANTHOS F. INERMIS	THORNLESS HONEYLOCUST	2.5-3" CAL	B&B
SHRUBS					
IGS	5	ILEX GLABRA 'SHAMROCK'	SHAMROCK INKBERRY	2-3' HT.	B&B
PERENNIALS AND GRASSES					
CA	235	CAREX APPALACHICA	APPALACHIAN SEDGE	#2 CONT.	12" O.C.
CL	10	CHASMANTHIUM LATIFOLIUM	NORTHERN SEA OATS	#1 CONT.	12" O.C.
DP	35	DENNSTAEDTIA PUNCTILOBULA	HAY-SCENTER FERN	#2 CONT.	12" O.C.
SS	50	SCHIZACHYRIUM SCOPARIUM	LITTLE BLUESTEM	#2 CONT.	18" O.C.

SCALE: 1/4"=1'-0"

4' 2' 0 4' 8'

NOT FOR CONSTRUCTION

103-109 SCHOOL ST
CAMBRIDGE, MA 02139

CLIENT: 103-109 SCHOOL ST
CAMBRIDGE LLC

ASCO
AS Collective LLC
Landscape Architecture | Site Planning
Quincy, MA
E. INFO@ASCOLLECTIVE-LA.COM ASCOLLECTIVE-LA.COM T. 781-915-7476

CONSULTANT:

STAMP:

MASSACHUSETTS
Arshan Sookyas
NO. 4378
REGISTERED LANDSCAPE ARCHITECT

REV. DATE DESCRIPTION

KEY PLAN:

SCALE: 1/8"=1'-0"

DRAWN: AS

REVIEWED: AS

PROJECT NUMBER:

2612

ISSUE DATE:

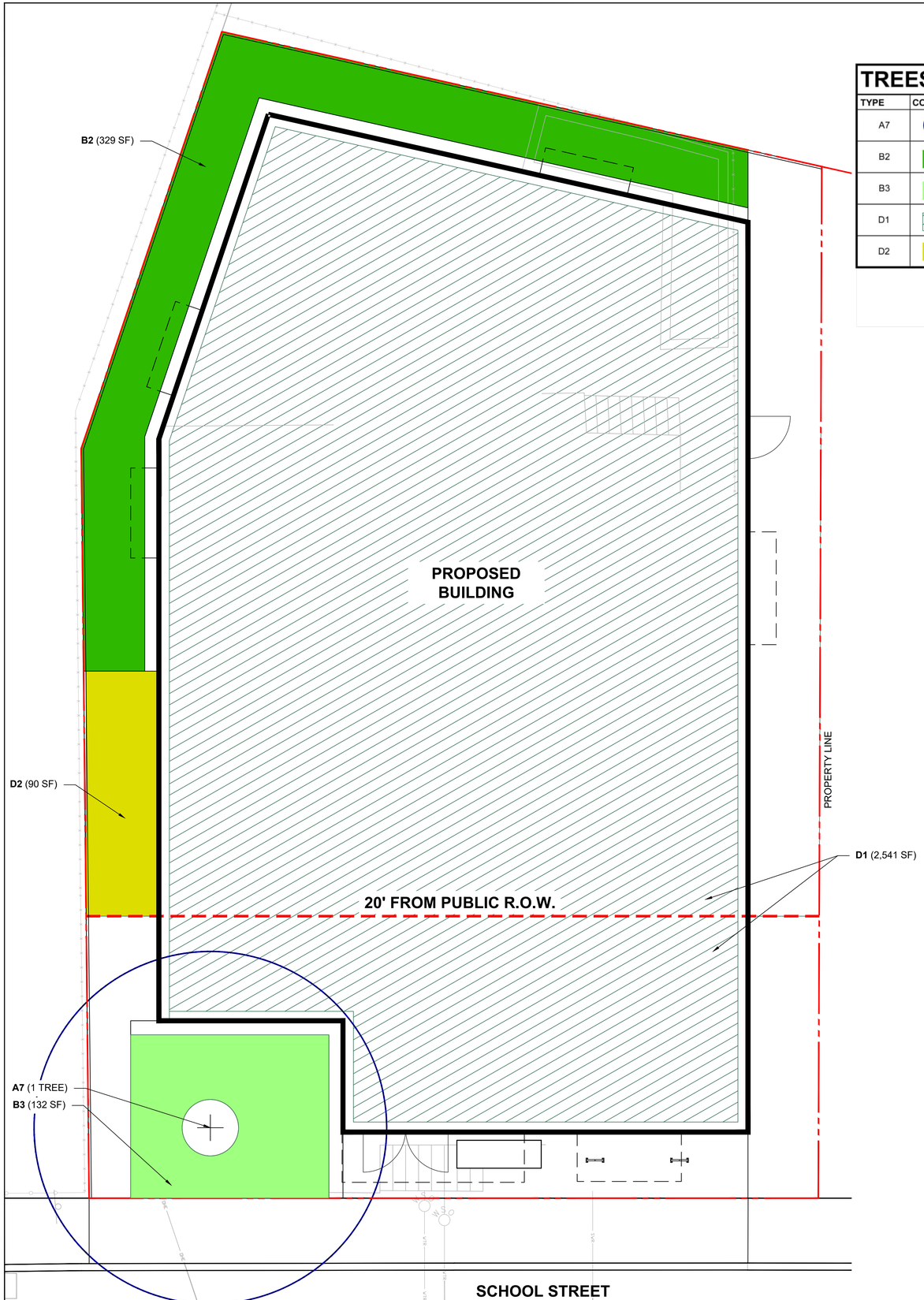
10 NOVEMBER 2026

SHEET NAME:

LANDSCAPE
PLANTING PLAN

SHEET NUMBER:

L500



TREES AND PLANTING LEGEND

TYPE	COLOR	DESCRIPTION/ SIZE	QTY/ AREA OUTSIDE 20' OF STREET	QTY/ AREA WITHIN 20' OF STREET
A7		CANOPY TREE	-	1 TREE
B2		LOW PLANTING AREA, MINIMUM 12" SOIL DEPTH, ANTICIPATED PLANT HEIGHT LESS THAN 2' TALL AT MATURITY	329 SF	-
B3		HIGH PLANTING AREA, MINIMUM 18" SOIL DEPTH, ANTICIPATED PLANT HEIGHT OVER 2' TALL AT MATURITY	-	132 SF
D1		LOW SLOPE ROOF	2,541 SF	-
D2		HIGH-SRI PAVING	90 SF	N/A

TOTAL CONTRIBUTING AREA	1,253 SF
TOTAL AREA GOAL	1,187 SF
COOL FACTOR SCORE	**1.05**

SCALE: 1/4"=1'-0"

4' 2' 0 4' 8'

NOT FOR CONSTRUCTION

103-109 SCHOOL ST
CAMBRIDGE, MA 02139

CLIENT: 103-109 SCHOOL ST
CAMBRIDGE LLC

ASCO
AS Collective LLC
Landscape Architecture | Site Planning
Quincy, MA
E. INFO@ASCOLLECTIVE-LA.COM ASCOLLECTIVE-LA.COM T. 781-915-7476

CONSULTANT:

STAMP:



REV. DATE DESCRIPTION

KEY PLAN:

SCALE: 1/8"=1'-0"

DRAWN: AS

REVIEWED: AS

PROJECT NUMBER:

2612

ISSUE DATE:

10 NOVEMBER 2026

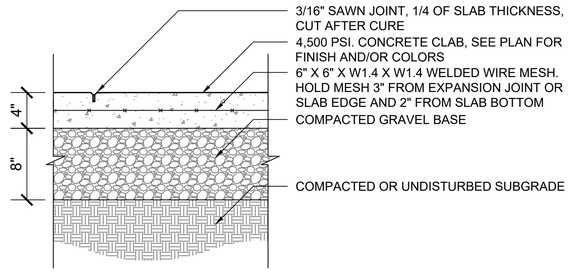
SHEET NAME:

GREEN FACTOR / COOL SCORE PLAN

SHEET NUMBER:

L501

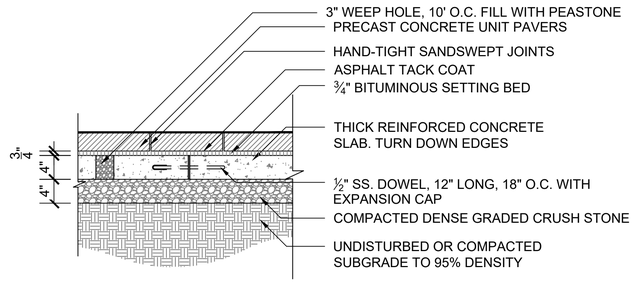
NOTES:
1. CONTROL JOINTS EVERY 5' UNLESS NOTED ON PLAN
2. EXPANSION JOINTS EVERY 20' UNLESS NOTED ON PLAN
3. EXPANSION JOINTS TYPICAL AT BUILDING AND CURBS
4. PROVIDE 10" DEPTH THICKENED EDGE AT PLANTING BED, 6" WIDTH



1 PEDESTRIAN CONCRETE PAVING
SCALE: 1 1/2" = 1' - 0"

NOTES:
1. EXPANSION JOINT EVERY 20' O.C., OR AS NOTED ON THE DRAWINGS
2. SHOP DRAWINGS REQUIRED PRIOR TO INSTALLATION

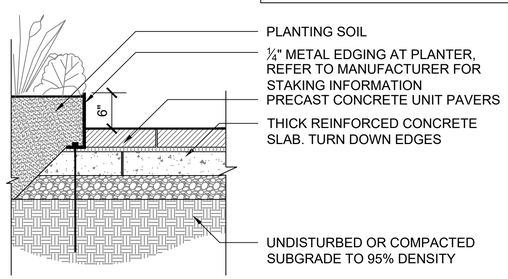
MANUFACTURER: UNILOCK (OR APPROVED EQUAL)
PRODUCT: UMBRIANO PAVERS
MATERIAL: WINTER MARVEL (SRI 38)
DIMENSIONS: 4 X 8 X 2 3/8", RUNNING BOND
CONTACT INFO: UNILOCK, DANIEL NEVIACKAS, DANIEL.NEVIACKAS@UNILOCK.COM, 508-341-4306



2 UNIT PAVERS ON CONCRETE BASE
SCALE: 1" = 1' - 0"

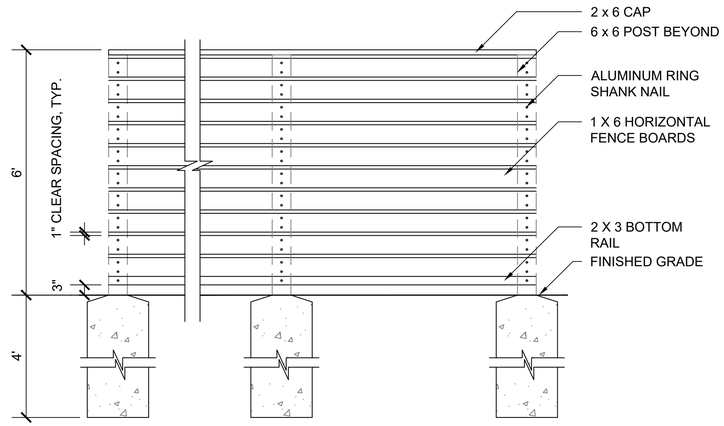
NOTES:
1. COLOR AND FINISH TO BE SELECTED BY LANDSCAPE ARCHITECT BASED ON PHYSICAL SAMPLES
2. SHOP DRAWINGS REQUIRED PRIOR TO INSTALLATION

MANUFACTURER: COLMET (OR APPROVED EQUAL)
PRODUCT: CLASSIC STEEL EDGING
MATERIAL: COR-TEN WEATHERING STEEL
DIMENSIONS: ¼" TH.
CONTACT INFO: COLMET LLC, 3333 MILLER PARK SOUTH, GARLAND, TX, SALES@COLMET.COM, 972-494-3900

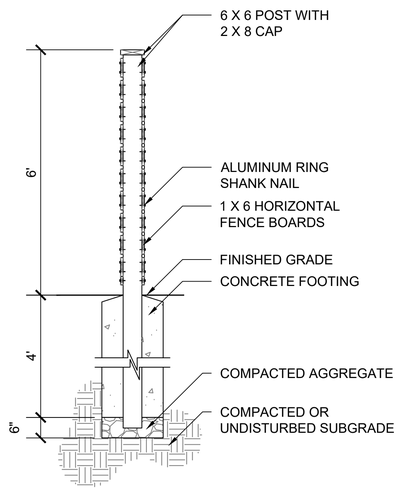


3 METAL EDGE AT LANDSCAPE BED
SCALE: 1" = 1' - 0"

ELEVATION VIEW

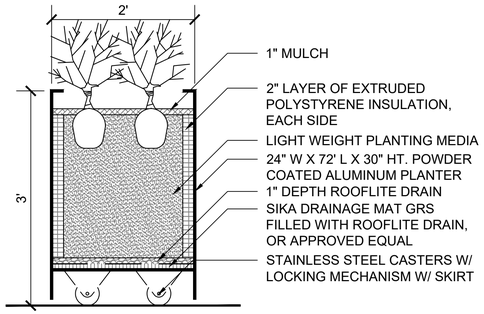


SECTION VIEW



4 6' HT. PRIVACY FENCE
SCALE: 1" = 1' - 0"

NOTES:
1. FINAL COLOR AND FINISH TO BE SELECTED BY LANDSCAPE ARCHITECT BASED ON PHYSICAL SAMPLES
2. PLANTER TO INCLUDE MODULAR IRRIGATION SYSTEM OR WATER BLADDER
3. SHOP DRAWINGS REQUIRED PRIOR TO INSTALLATION



5 MOVABLE PLANTER
SCALE: NTS



6 BIKE RACK
SCALE: NTS

NOT FOR CONSTRUCTION

103-109 SCHOOL ST
CAMBRIDGE, MA 02139

CLIENT: 103-109 SCHOOL ST CAMBRIDGE LLC

AS Collective LLC
Landscape Architecture | Site Planning
Quincy, MA
E. INFO@ASCOLLECTIVE-LA.COM ASCOLLECTIVE-LA.COM T. 781-915-7476

CONSULTANT:

STAMP:

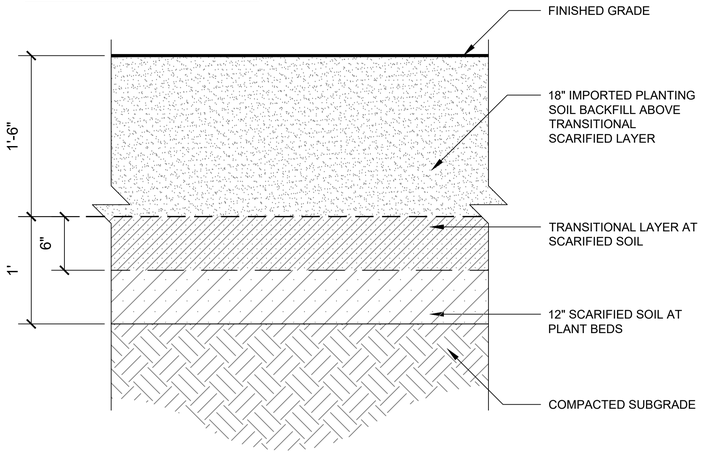
MASSACHUSETTS Andrian Sookyka NO. 4378 REGISTERED LANDSCAPE ARCHITECT

REV.	DATE	DESCRIPTION

KEY PLAN:

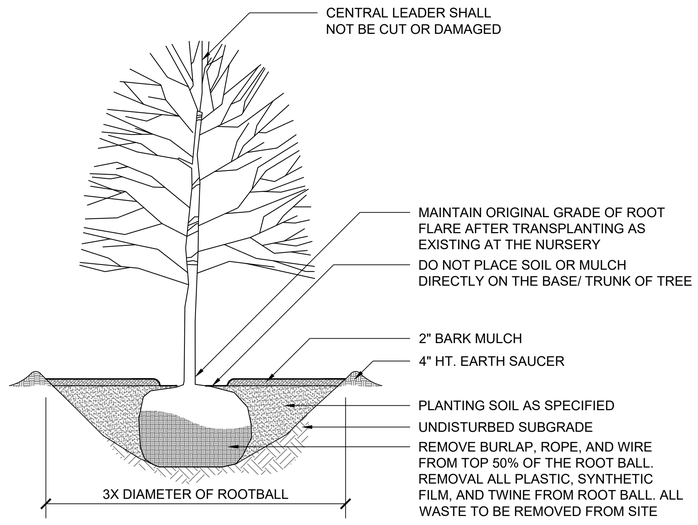
SCALE: AS NOTED
DRAWN: AS
REVIEWED: AS
PROJECT NUMBER: 2612
ISSUE DATE: 10 NOVEMBER 2026
SHEET NAME: LANDSCAPE DETAILS
SHEET NUMBER: **L600**

APPLIED AT WOODY PLANT MATERIAL

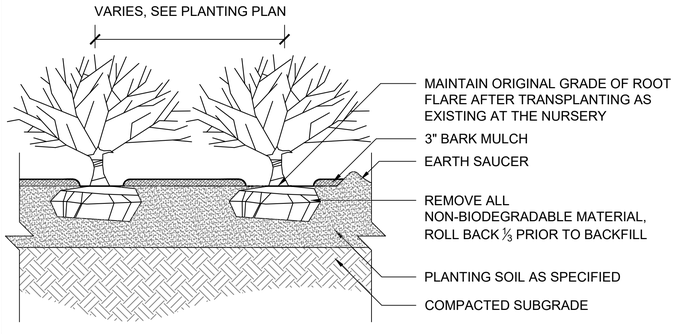


1 SOIL PREPARATION
SCALE: 1-1/2" = 1' - 0"

NOTES:
1. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING STAKING SYSTEM AT THEIR DISCRETION TO MAINTAIN PLANTS IN A PLUMB CONDITION

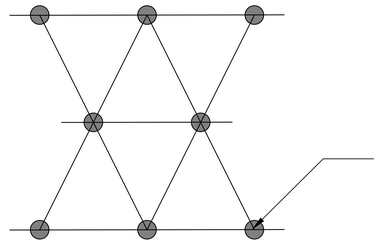


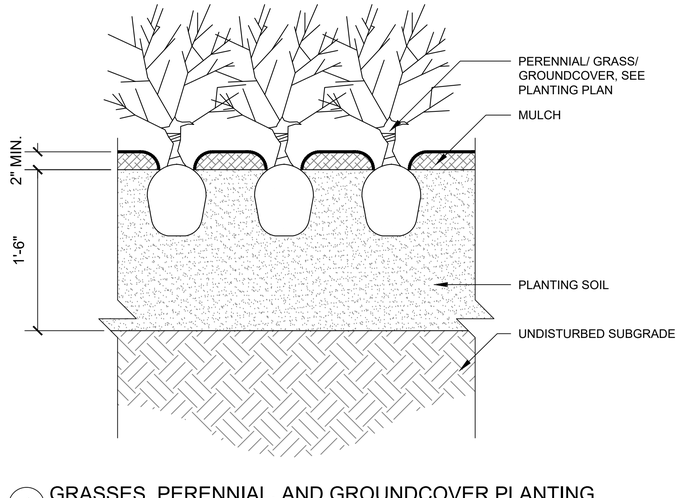
2 DECIDUOUS TREE PLANTING
SCALE: 3/4" = 1' - 0"



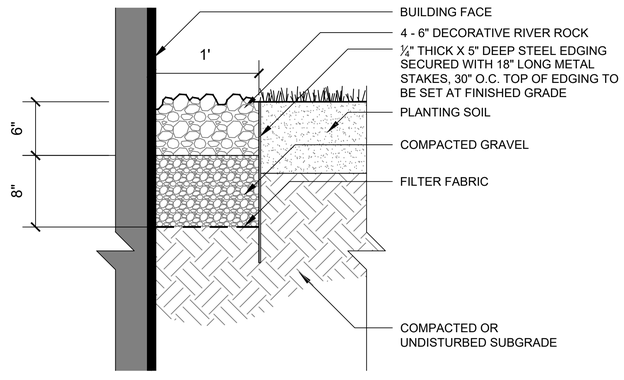
3 SHRUB PLANTING
SCALE: 3/4" = 1' - 0"

PLANT LAYOUT





4 GRASSES, PERENNIAL, AND GROUNDCOVER PLANTING
SCALE: 1-1/2" = 1' - 0"



5 STONE MAINTENANCE STRIP
SCALE: 1-1/2" = 1' - 0"

PLANTING SOIL NOTES

1. PLANTING SOIL SHALL BE FRIABLE, FERTILE, WELL DRAINED, AND FREE OF DEBRIS, TOXINS, TRASH, AND STONES EXCEEDING 0.5 INCHES IN DIAMETER.
2. ALL SOIL SHALL HAVE A HIGH ORGANIC CONTENT SUITABLE TO SUSTAIN HEALTHY PLANT GROWTH, BE AESTHETICALLY PLEASING, AND POSSESS NO NOXIOUS ODORS.
3. THE CONTRACTOR MAY REUSE ON SITE SURFACE SOILS PROVIDED THEY ARE TESTED AND PROVEN TO COMPLY WITH ALL SPECIFICATIONS. ON SITE SOILS MUST BE CLEANED OF ROOTS, SOD, AND GRAVEL OVER 1 INCH IN DIAMETER.
4. IMPORTED OR MANUFACTURED TOPSOIL SHALL BE SOURCED FROM NATURALLY WELL DRAINED SITES WHERE TOPSOIL OCCURS AT LEAST 4 INCHES DEEP. SOIL SHALL NOT BE OBTAINED FROM AGRICULTURAL LAND, BOGS, MARSHES, OR CONTAMINATED SITES.
5. THE CONTRACTOR SHALL FURNISH SOIL SAMPLES AND TEST RESULTS TO THE LANDSCAPE ARCHITECT AT A RATE OF ONE SAMPLE PER 500 CUBIC YARDS TO ENSURE CONSISTENCY. ALL TESTING SHALL BE PERFORMED BY THE STATE COOPERATIVE EXTENSION SERVICE OR AN APPROVED EQUAL PRIOR TO DELIVERY TO THE SITE:
   - 5.1. SOIL PARTICLE SIZE ANALYSIS SHALL CONFORM TO LOAMY SAND STANDARDS CONSISTING OF 60 TO 75 PERCENT SAND, 25 TO 40 PERCENT SILT, AND 5 TO 15 PERCENT CLAY.
   - 5.2. SOIL FERTILITY ANALYSIS SHALL CONFIRM A PH RANGE BETWEEN 5.5 AND 6.5, SOLUBLE SALTS LESS THAN 2 MMHO/CM, AND ADEQUATE LEVELS OF NITRATE, PHOSPHATE, POTASSIUM, CALCIUM, AND MAGNESIUM.
   - 5.3. ORGANIC MATTER CONTENT SHALL BE 2.5 TO 5 PERCENT IN NATIVE SOILS AND UP TO 10 PERCENT IN AMENDED SOILS.
   - 5.4. MATERIAL DRAINAGE RATE SHALL BE 60 PERCENT PASSING IN 2 MINUTES AND 40 PERCENT RETAINED. NOT MORE THAN 1 PERCENT OF MATERIAL SHALL BE RETAINED BY A NUMBER 4 SIEVE.
6. ORGANIC AMENDMENTS SHALL BE WELL COMPOSTED, WEED FREE, AND HAVE A PH RANGE OF 6 TO 8 WITH A MOISTURE CONTENT OF 35 TO 55 PERCENT BY WEIGHT.
7. LEAF MOLD USED AS AN AMENDMENT SHALL HAVE 60 TO 90 PERCENT ORGANIC CONTENT AND BE COMPOSTED FOR A MINIMUM OF 1 YEAR.
8. GROUND LIMESTONE USED FOR PH ADJUSTMENT SHALL CONTAIN A MINIMUM OF 88 PERCENT CALCIUM AND MAGNESIUM CARBONATES.
9. FOR NON ERICACEOUS PLANTS, BRING PH LEVELS TO A MINIMUM OF 5.5 TO 6.5. FOR ERICACEOUS PLANTS, BRING PH LEVELS TO A MINIMUM OF 4.5 TO 5.5.
10. THE CONTRACTOR SHALL PROVIDE THE FOLLOWING MINIMUM PLANTING SOIL DEPTHS: 6 INCHES FOR LAWN AREAS, 12 INCHES FOR GROUNDCOVER AND PERENNIAL AREAS, 18 INCHES FOR SHRUB AREAS, AND 36 INCHES FOR TREE PLANTING AREAS.
11. SCARIFY OR TILL COMPACTED SUBSOILS TO A MINIMUM DEPTH OF 6 INCHES PRIOR TO PLACING PLANTING SOIL.
12. THOROUGHLY MIX A 6 INCH LAYER OF PLANTING SOIL INTO THE SCARIFIED SUBSOIL TO CREATE A TRANSITION LAYER BEFORE ADDING THE REMAINING SOIL LIFTS.
13. PLANTING SOIL SHALL BE PLACED IN 12 TO 18 INCH LIFTS AND WATERED THOROUGHLY TO SETTLE BEFORE INSTALLING THE NEXT LIFT.
14. NO SOILS SHALL BE PLACED IN A FROZEN OR MUDDY CONDITION.
15. WHERE FORMER PAVED OR GRAVEL AREAS ARE PROPOSED FOR PLANTING, BEDS SHALL BE EXCAVATED TO A MINIMUM 30 INCH DEPTH.
16. LANDSCAPE FILL MATERIAL PLACED BELOW PLANTING SOILS SHALL HAVE THE PHYSICAL PROPERTIES OF SANDY LOAM WITH ORGANIC CONTENT LESS THAN 2 PERCENT AND A PH BETWEEN 5 AND 7.
17. TO LOWER SOIL PH, USE ELEMENTAL SULFUR ONLY. PEAT MOSS OR COPPER SULFATE SHALL NOT BE USED.
18. MODIFY HEAVY CLAY OR SILT SOILS BY ADDING COMPOSTED PINE BARK UP TO 30 PERCENT BY VOLUME OR GYPSUM TO IMPROVE DRAINAGE.
19. MODIFY EXTREMELY SANDY SOILS EXCEEDING 85 PERCENT SAND BY ADDING ORGANIC MATTER OR SHREDDED CLAY LOAM UP TO 30 PERCENT OF THE TOTAL MIX.
20. ALL DEBRIS EXPOSED DURING EXCAVATION AND CULTIVATION SHALL BE DISPOSED OF AT THE CONTRACTOR'S EXPENSE.

NOT FOR CONSTRUCTION

103-109 SCHOOL ST
CAMBRIDGE, MA 02139

CLIENT: 103-109 SCHOOL ST CAMBRIDGE LLC

ASCO
AS Collective LLC
Landscape Architecture | Site Planning
Quincy, MA
E. INFO@ASCOLLECTIVE-LA.COM ASCOLLECTIVE-LA.COM T. 781-915-7476

CONSULTANT:

STAMP:



REV. DATE DESCRIPTION

KEY PLAN:

SCALE: AS NOTED

DRAWN: AS

REVIEWED: AS

PROJECT NUMBER:

2612

ISSUE DATE:

10 NOVEMBER 2026

SHEET NAME:

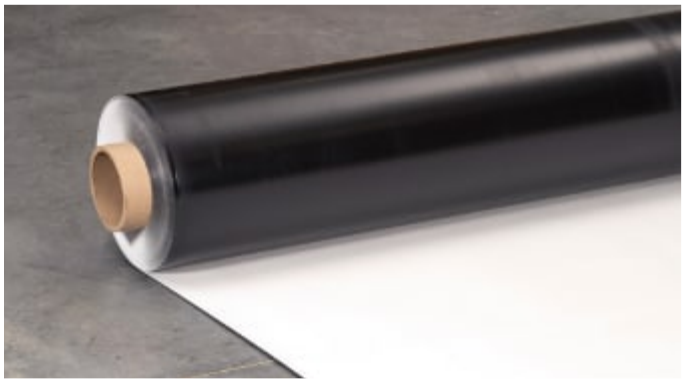
LANDSCAPE DETAILS

SHEET NUMBER:

L601

CARLISLE SYNTEC SYSTEMS

Sure-Weld® TPO
Reinforced Membrane



Overview

Carlisle's Sure-Weld TPO reinforced membrane is a premium, heat-weldable, single-ply thermoplastic polyolefin (TPO) sheet designed for new roof construction and re-roofing applications. Sure-Weld High Slope (HS) membrane is formulated with additional flame retardant for higher-slope fire code approvals. Sure-Weld Extra is 80 mils (2.03 mm) thick for significantly higher strength and weatherability.

Sure-Weld TPO membranes use advanced polymerization technology that combines the flexibility of ethylene-propylene (EP) rubber with the heat weldability of polypropylene. All Sure-Weld TPO membranes include OctaGuard XT™, an industry-leading, state-of-the-art weathering package. OctaGuard XT technology enables Sure-Weld TPO to withstand the extreme weatherability testing that is intended to simulate exposure to severe climates.

Physical properties of the membrane are enhanced by a strong polyester fabric that is encapsulated between the TPO-based top and bottom plies. The combination of the fabric and TPO plies provides high breaking and tearing strength, as well as excellent puncture resistance. The relatively smooth surface of the membrane produces a total surface fusion weld that results in a consistent, watertight, monolithic roof assembly. The membrane is environmentally friendly and safe to install.

Features and Benefits

- Living Building Challenge "Red List Free" – Declare Label
- Sure-Weld TPO is available in 4- and 6-ft (121.92 cm and 182.88 cm) perimeter sheets and 8-, 10-, 12-, and 16-ft (243.84 cm, 304.80 cm, 365.76 cm, and 487.68 cm) Sure-Weld field sheets*
- Sure-Weld High Slope TPO is available in 5', 10', and 16' (152.40 cm, 304.80 cm, and 487.68 cm) sheets
- Outstanding puncture resistance and excellent fire resistant assemblies
- HS formula opens assemblies for slopes greater than ½" over combustible and non-combustible deck types where standard TPO is restricted
- Environmentally friendly and stable formulation
- Excellent resistance to impact and low temperatures
- UL 2218 Class 4 hail rating
- Manufactured with non-halogenated flame retardants
- Excellent chemical resistance to acids, bases and restaurant exhaust emissions
- Exceptional resistance to heat, solar UV, ozone and oxidation
- Manufactured using a hot-melt extrusion process for complete scrim encapsulation
- Enhanced with the OctaGuard XT weathering package

OCTAGUARD XT WEATHERING PACKAGE

- Standard Colors:

White | Gray | Tan

- Special Colors:

Slate Gray | Med Bronze | Terra Cotta | Patina Green | Rock Brown

*Sure-Weld HS Special Color TPO membranes are available in 5'- and 10'-wide sheets. Refer to Carlisle's Sure-Weld TPO Color Palette Sell Sheet for details. Sure-Weld 80-mil in special colors are limited to warranties up to 20 years.

Sustainable Attributes

Carlisle SynTec Systems' focus has always been innovation — Innovation to solve problems, improve performance, reduce labor, and above all, improve sustainability. Carlisle is committed to driving sustainable and efficient processes in the design and manufacturing of our products.

- Up to 10% pre-consumer recycled content
- Fully recyclable when used in mechanically attached systems
- 3rd-party verified Environmental Product Declaration available
- NSF P151 certification for rainwater catchment**
- California Title 24 compliant***
- Free of Living Building Challenge red list chemicals

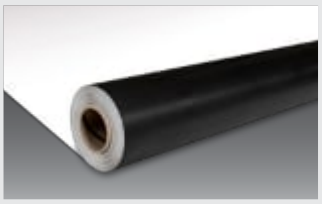
**White only, produced in Tooele, UT and Carlisle, PA
***White and Tan only

Installation

Sure-Weld TPO roofing systems are quick to install, as minimal labor and few components are required. TPO systems are installed using an Automatic

Sure-Weld TPO
Reinforced Membrane

Wider is Better



Carlisle's 16-foot Sure-Weld TPO delivers a leap in productivity on adhered and induction welded roofs by cutting down on the number of rolls needed and dramatically reducing the number of seams on the roof.

With fewer rolls to load, stage, and kick out, and fewer seams to weld, contractors can save significant time on each project, moving on to the next one sooner.

16-Foot TPO Benefits

- Fewer rolls to load and stage on a job saves crane time and labor at the beginning of each project
- Fewer rolls to position, kick-out, and align during installation saves labor
- Up to 60% fewer seams vs. 10-foot TPO
- Fewer seams to weld, probe, and inspect, saving considerable time during installation
- Fewer T-joint patches to install on each roof
- Less waste and trash from packaging
- Less time spent on each project, allowing contractors to complete more roofs and grow their business
- Available in High Slope formulation in white and gray colors

Heat Welder, making sheet welding fast, clean, consistent, and easy to learn, while reducing strain on the roofing technician.

Fully-Adhered – membrane is adhered to a suitable substrate utilizing an appropriate bonding adhesive

Mechanically Fastened – membrane is attached to the roof deck over a suitable substrate utilizing plates and fasteners which are overlapped with membrane

Induction-Welded – membrane is attached over a suitable substrate via an induction welding tool being placed over the membrane where a fastened TPO induction welding plate is located to weld the two components together

Review Carlisle specifications and details for complete installation information.

Precautions

- Sunglasses that filter out ultraviolet light are strongly recommended, as tan and white surfaces are highly reflective. Roofing technicians should dress appropriately and wear sunscreen.
- Surfaces may become slippery due to frost and ice buildup. Exercise caution during cold conditions to prevent falls. Exercise caution when walking on wet membrane. Membranes may be slippery when wet.
- Care must be exercised when working close to a roof edge when the surrounding area is snow-covered, as the roof edge may not be clearly visible.
- Use proper stacking procedures to ensure sufficient stability of the rolls.
- Store membrane in the original undisturbed plastic wrap in a cool, shaded area and cover with light-colored, breathable, waterproof tarpaulins. Membrane that has been exposed to the weather must be prepared with Weathered Membrane Cleaner prior to hot-air welding.
- Take care not to stand or place heavy objects on the edge of folded-over membrane, as this could cause a hard crease in the membrane.
- Maximum sustained temperature not to exceed 160°F (71°C) for TPO membrane.
- Do not use razor blades or other sharp tools to cut the APEEL Protective Film while it is still adhered to the TPO membrane as damage to the underlying membrane may occur. Pull the protective film away from the membrane prior to cutting.
- Remove APEEL Protective Film by pulling towards the center of the roof. Do not remove the film by pulling towards the roof edge.
- A static electric charge may develop when removing APEEL Protective Film from the surface of the membrane sheet. To avoid the possibility of ignition, lids must be closed on any flammable products and a fire extinguisher should be readily available.
- Color membranes will 'fade' over time mainly due to the ultraviolet portion of sunlight. Since most roof surfaces are exposed to variable sunlight, some areas will be more susceptible to color changes caused by UV fading. Warranties for color membranes do not cover fading of colors.

Extreme Testing for Severe Climates

ASTM Standard D6878 is the material specification for Thermoplastic Polyolefin-Based Sheet Roofing. It covers material property requirements for TPO roof sheeting and includes initial and aged properties after heat and xenon-arc exposure. As stated in the scope of the standard, "the tests and property limits used to characterize the sheet are values intended to ensure minimum quality for the intended purpose." Carlisle's goal is to produce TPO that delivers maximum performance for the intended purpose of roofing membranes. Maximum performance requires the membrane to far exceed the requirements of ASTM D6878.

Heat Aging accelerates the oxidation rate that roughly doubles for each 18°F (10°C) increase in roof membrane temperature. Oxidation (reaction with oxygen) is one of the primary chemical degradation mechanisms of roofing materials.

Carlisle Testing – Heat Aging

	ASTM Requirement	Sure-Weld Requirement
ASTM TEST 240°F	32 weeks**	>128 weeks

**Heat exposure comparable to 3,120 weeks (60 years) at 185°F for 8 hours/day.

- Test specimen is a 2" by 6" (50.8 mm by 152.4 mm) piece of 45-mil (1.14 mm) membrane unbacked, placed in circulating hot-air oven.
- Criterion – no visible cracks after bending aged test specimen around 3" (76.2 mm)-diameter mandrel.

Q-Trac testing combines accelerated weathering with real-world conditions using an array of ten mirrors to reflect and concentrate full spectrum sunlight onto membrane test specimens. The Q-Trac device automatically tracks the sun's path from morning to night. Also, it adjusts to compensate for seasonal changes in the sun's altitude. Eight years in Q-Trac testing is equal to 40 years of real-world exposure. Carlisle requires its Sure-Weld TPO membranes to pass the equivalent of 40 years of exposure in the Q-Trac.

Carlisle Testing – Q-Trac

	ASTM D6878 Requirement	Sure-Weld Requirement
ASTM TEST N/A	N/A	Equivalent of 40 years of exposure

Environmental Cycling subjects the membrane to repeated cycles of heat aging, hot-water immersion, and xenon-arc exposure.

- ASTM requirement – none
- Carlisle Extreme test*:
  - 10 days heat aging at 240°F (116°C) followed by
  - 5 days water immersion at 158°F (70°C) followed by
  - 5,040 kJ/m^2 (2000 hours at 0.70 W/m^2 irradiance) xenon-arc exposure

*Test specimen is 2.75" (69.85 mm by 140 mm) by 5.5" piece of membrane with edges sealed.

*Criterion – after 3 complete cycles, test specimens shall remain flexible and not have any cracking under 10x magnification while wrapped around a 3" (76.2 mm)-diameter mandrel.

Supplemental Approvals, Statements and Characteristics:

1. Sure-Weld TPO meets or exceeds the requirements of ASTM D6878 Standard Specification for Thermoplastic Polyolefin-Based Sheet Roofing.
2. Sure-Weld TPO membranes conform to requirements of the US E.P.A. Toxic Leachate Test (40 CFR part 136) performed by an independent analytical laboratory.
3. Sure-Weld TPO was tested for dynamic puncture resistance per ASTM D5635-04 using the most recently modified impact head. 45-mil (1.14 mm) was watertight after an impact energy of 12.5 J (9.2 ft-lbf) and 60-mil (1.52 mm) was watertight after 22.5 J (16.6 ft-lbf). 80-mil (2.03 mm) Extra was watertight after an impact energy of 30.0 J (22.1 ft-lbf).
4. All FM approved assemblies have been tested to pass FM 4470 for foot traffic resistance.

Optional APEEL™ Protective Film

Shield Carlisle's Sure-Weld TPO membrane from dirt and scuffs during installation with APEEL Protective Film. Factory-applied and easy to remove, APEEL eliminates the need for rooftop cleaning upon project completion.

- Ideal for re-roofing, re-cover, and new construction projects
- Simple and easy to remove
- Saves time and money when compared to pressure washing
- Protecting from dirt maintains maximum membrane reflectivity and long-term performance

Installation

Simply order membrane with APEEL, install, and remove the film to reveal a clean, new roof.

- APEEL Protective Film should be removed from within areas that are to be heat-welded together. In areas that do not require heat-welding, the APEEL Protective Film can be left in place for up to 90 days without degrading due to its excellent heat- and UV-resistance.
- When the installation of the entire TPO roofing system is complete, remove and discard the APEEL Protective Film.

CARLISLE SYNTEC SYSTEMS

Sure-Weld TPO
Reinforced Membrane

Typical Properties and Characteristics

Physical Property	ASTM D6878 Requirement	45-mil (1.14 mm)	60-mil (1.52 mm)	80-mil Extra (2.03 mm)
Tolerance on Nominal Thickness, % ASTM D751 test method	+15, -10	± 10	± 10	± 10
Thickness Over Scrim, in. (mm) ASTM D7635 optical method, average of 3 areas	0.015 min (0.380)	0.018 typical (0.457)	0.024 typical (0.610)	0.034 typical (0.864)
Breaking Strength, lbf (kN) ASTM D751 grab method	220 (976 N) min	225 (1.0) min 320 (1.4) typical	250 (1.1) min 360 (1.6) typical	350 (1.6) min 425 (1.9) typical
Elongation Break of Reinforcement, % ASTM D751 grab method	15 min	15 min 25 typical	15 min 25 typical	15 min 25 typical
Tearing Strength, lbf (N) ASTM D751 proc. B 8 in. x 8 in.	55 (245) min	55 (245) min 130 (578) typical	55 (245) min 130 (578) typical	55 (245) min 130 (578) typical
Brittleness Point, °F (°C) ASTM D2137	-40 (-40) max	-40 (-40) max -50 (-46) typical	-40 (-40) max -50 (-46) typical	-40 (-40) max -50 (-46) typical
Linear Dimensional Change, % ASTM D1204, 6 hours at 158°F	± 1 max	± 1 max -0.2 typical	± 1 max -0.2 typical	± 1 max -0.2 typical
Ozone Resistance, no cracks 7X ASTM D1149, 100 pphm, 168 hrs	PASS	PASS	PASS	PASS
UV Exposure (Xenon Arc), no cracks 7X ASTM G155, min. exposure 10,080 kJ/m² (4,000 hrs - 0.70 W/m²)	PASS	PASS	PASS	PASS
Water Absorption Resistance, mass % ASTM D471 top surface only 166 hours at 158°F water	± 3.0 max	± 3.0 max 0.90 typical	± 3.0 max 0.90 typical	± 3.0 max 0.90 typical
Factory Seam Strength, lbf (N) ASTM D751 grab method	66 (290) min	66 (290) min	66 (290) min	66 (290) min
Field Seam Strength, lbf/in (kN/m) ASTM D1876 tested in peel	No requirement	25 (4.4) min 50 (8.8) typical	25 (4.4) min 60 (10.5) typical	40 (7.0) min 70 (12.3) typical
Water Vapor Permeance, Perms ASTM E96 proc. B	No requirement	0.10 max 0.05 typical	0.10 max 0.05 typical	0.10 max 0.05 typical
Puncture Resistance, lbf (kN) FTM 101C, method 2031 (see supplemental section)	No requirement	250 (1.1) min 325 (1.4) typical	300 (1.3) min 350 (1.6) typical	400 (1.8) min 450 (2.0) typical
Properties After Heat Aging ASTM D573, 32 weeks @ 240°F or 8 weeks @ 275°F No cracking when bent around 3" diameter mandrel Weight Change, %	PASS No cracking ± 1.5 max	PASS No cracking 1.0 max	PASS No cracking 1.0 max	PASS No cracking 1.0 max
Typical Weights lb/ft² (kg/m²)		0.25 (1.22)	.33 (1.61)	.45 (2.20)
Air Permeance, ASTM E2178	No Requirement	PASS	PASS	PASS

Typical properties and characteristics are based on samples tested and are not guaranteed for all samples of this product. This data and information is intended as a guide and does not reflect the specification range for any particular property of this product.

Green Building Information

Pre-Consumer Recycled Content	10%
Post-Consumer Recycled Content	0%
Solar Reflectance Index (SRI)	White – 99 Tan – 86 Gray – 52
Global Warming Potential (GWP)	TPO 45 mils 2.90E+00 TPO 60 mils 3.77E+00 TPO 80 mils 5.28E+00
Volatile Organic Compounds (VOC) Content	N/A
Manufacturing Location(s)	Senatobia, MS Tooele, UT Carlisle, PA
Corporate Sustainability Report (CSR) Availability	Yes
Environmental Product Declaration (EPD) Availability	

Radiative Properties for Cool Roof Rating Council (CRRC) and LEED

	Test Method	White TPO	Tan TPO	Gray TPO
CRRC – Initial solar reflectance	ASTM C1549	0.79	0.71	0.46
CRRC – Solar reflectance after 3 years	ASTM C1549 (uncleaned)	0.70	0.64	0.43
CRRC – Initial thermal emittance	ASTM C1371	0.90	0.86	0.89
CRRC – Thermal emittance after 3 years	ASTM C1371 (uncleaned)	0.86	0.87	0.88
LEED – Thermal emittance	ASTM E408	0.90	0.86	0.85
SRI – Initial (Solar Reflectance Index)	ASTM E1980	99	86	52
SRI – 3 year aged (Solar Reflectance Index)		85	77	49

Radiative Properties (Initial) for Special Colors

	Reflectance	Emittance	SRI
Medium Bronze	0.12	0.89	8
Rock Brown	0.23	0.88	23
Slate Gray	0.20	0.89	18
Terra Cotta	0.25	0.88	24
Patina Green	0.25	0.88	25

Solar Reflectance Index (SRI) is calculated per ASTM E1980. The SRI is a measure of the roof's ability to reject solar heat, as shown by a small temperature rise. It is defined so that a standard black (reflectance 0.05, emittance 0.90) is 0 and a standard white (reflectance 0.80, emittance 0.90) is 100. Materials with the highest SRI values are the coolest choices for roofing. Due to the way SRI is defined, particularly hot materials can even take slightly negative values and particularly cool materials can even exceed 100.

01.28.26 © 2026 Carlisle.
REPRINT CODE: 600515 TPO-2012 - "Sure-Weld TPO Reinforced Membrane Product Data Sheet"
US PATENT NUMBERS: 8,833,037 • 9,163,140 • 10,422,138 • 10,801,207
Carlisle, Sure-Weld, OctaGuard XT, and APEEL are trademarks of Carlisle.
LEED is a registered trademark of the U.S. Green Building Council.



Location Details

Address: 109 School St

Map-Lot: 75-123

Ground Elevation

Min: 16.5

Max: 19.2

Note: All elevations are in ft·CCB[1]

Flood Elevation Data

	2070 - 1% - SLR/SS	23.3
	2070 - 1% - Precip	19.6
	2070 - 10% - SLR/SS	20.1
	2070 - 10% - Precip	18.8
	2050 - 1% - SLR/SS	N/A
	2050 - 1% - Precip	19.4
	2050 - 10% - SLR/SS	N/A
	2050 - 10% - Precip	18.6
	Present Day - 1% - Precip	19
	Present Day - 10% - Precip	18
	FEMA 500-Year	N/A
	FEMA 100-Year	N/A

Long-Term Flood Elevations

1% - LTFE: **23.3**

10% - LTFE: **20.1**

[1]*Cambridge City Base datum is a standard vertical datum used by the City of Cambridge. This datum is 11.65 ft below the North American Vertical Datum (NAVD88) of 1988, which is approximately 0.3 ft above the mean sea level (MSL) in the Boston area.*

HEXI

Architect:
HEXI, LLC

34 Commerce Way
Ste B255
Woburn, MA 01801

CONSULTANTS:

Structural Engineer

Agile Engineering llc
188 South St
Quincy, MA 02169

MEPFP ENGINEER

Zade Associates llc
1 Billings Rd
Quincy, MA, 02171

CODE CONSULTANT

1507 Inc.
46 Grampian Way
Dorchester, MA 02125

NEW CONDOMINIUM DEVELOPMENT

103-109 SCHOOL ST CAMBRIDGE LLC

103-109 SCHOOL ST
CAMBRIDGE, MA

PROGRESS SET

PROJECT NUMBER 89-00-103

NO.	DESCRIPTION	DATE

KEY PLAN

SEAL

DRAWN BY BL, DY
CHECKED BY DY
SHEET ISSUE DATE 11/10/2026
SCALE

SHEET NAME
Flood Context

G650

NEW CONDOMINIUM DEVELOPMENT

PROJECT INTENDS TO DEVELOP A RESIDENTIAL CONDOMINIUM ON THE SUBJECT PROPERTY WITH THE DEMOLITION OF THE EXISTING 2 STORY STRUCTURE, THE PROPOSED DEVELOPMENT ENVISIONS TWENTY FOUR RESIDENTIAL UNITS

PROJECT ADDRESS

103-109 SCHOOL ST
CAMBRIDGE, MA

PROJECT NUMBER

89-00-103

ISSUED

Change Notes:

NUMBER	SHEET NAME
G100	COVER & GENERAL NOTES
G200	ZONING & SITE
G150	SITE LOCATION / CONTEXT
G160	EXISTING CONDITIONS
G650	Flood Context
G300	LAND SURVEY
G600	TRANSPORTATION
A200	LEVEL 0 AND LEVEL 1 FLOOR PLANS
A201	LEVEL 2 AND LEVEL 3 FLOOR PLANS
A202	LEVEL 4 AND LEVEL R FLOOR PLANS
A301	ELEVATIONS
A303	SECTIONS
A304	SECTIONS
A310	AXONS



GENERAL NOTES

0. CODE COMPLIANCE
THE CONTRACTOR SHALL CONSTRUCT THE PROJECT IN STRICT COMPLIANCE TO THE 10TH EDITION OF THE MASSACHUSETTS BUILDING CODE & ALL APPLICABLE REGULATING AGENCIES. THE CONTRACTOR SHALL VERIFY ALL ACCESSIBLE COMPONENTS WITH THE 521CMR ARCHITECTURAL BOARD HANDBOOK.
1. PROTECTION OF EXISTING TO REMAIN
THE CONTRACTOR SHALL PROVIDE PROTECTIVE COVERING FOR CARPET, FURNISHINGS, AND FINISHES IN EXISTING AREAS NOT DESIGNATED FOR DEMOLITION OR NEW CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OF ANY DAMAGE CAUSED BY HIS WORK OR ANY SUBCONTRACTOR. IN PARTICULAR, THE CONTRACTOR SHALL MAINTAIN A DUST-FREE ENVIRONMENT WITHIN THE MAGNET VAULT.
2. SCHEDULING
THE CONTRACTOR SHALL MEET WITH THE OWNER'S AUTHORIZED REPRESENTATIVE WELL IN ADVANCE OF CONSTRUCTION COMMENCEMENT TO:
   A. SCHEDULE, SEQUENCE AND COORDINATE ALL WORK
   B. MAINTAIN EXITS AND EGRESS WIDTHS REQUIRED BY CODES DURING ALL PHASES OF CONSTRUCTION
3. CLEARANCES
THE CONTRACTOR SHALL VERIFY THAT NEW CEILINGS CAN BE INSTALLED IN EXISTING SPACES TO CLEAR DUCTWORK AND OTHER CONSTRUCTED ITEMS AND MAINTAIN FLOOR TO CEILING HEIGHTS INDICATED ON DRAWINGS. IF DISCREPANCIES OCCUR DUE TO EXISTING CONDITIONS, CONSULT WITH THE ARCHITECT BEFORE PROCEEDING.
4. MATERIAL ALIGNMENT
THE FINISH FACE OF MATERIAL OF NEW PARTITIONS SHALL ALIGN ON BOTH SIDES OF THE PARTITION WITH THE FACE OF THE MATERIALS ON EXISTING COLUMNS, WALLS, OR PARTITIONS, UNLESS NOTED OTHERWISE.
5. AS BUILT VERIFICATION
THE CONTRACTOR SHALL VERIFY DIMENSIONS OF AS-BUILT CONDITIONS, AND NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES. ALL INFORMATION SHOWN ON THE CONSTRUCTION DOCUMENTS IS BASED ON FIELD OBSERVATIONS AND/OR THE ORIGINAL CONSTRUCTION DOCUMENTS OF THE FACILITY.
6. REMOVAL SURVEY
THE CONTRACTOR SHALL SURVEY AND DETERMINE THE REMOVAL OF EXISTING CONSTRUCTION, EITHER WHOLE OR IN PART, AS REQUIRED FOR THE INSTALLATION OF THE NEW MECHANICAL, PLUMBING AND ELECTRICAL WORK.
7. CONSTRUCTION DEFECTS
THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING OF ANY CONSTRUCTION DEFECTS FOUND IN UNCOVERING WORK IN THE EXISTING CONSTRUCTION.
8. CORRECTING DEFECTIVE WORK
THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING DEFECTIVE WORK IN EXISTING CONSTRUCTION WITHIN THE LIMITS OF THE CONSTRUCTION AREA. THIS INCLUDES, BUT IS NOT LIMITED TO, UNEVEN SURFACES AND FINISHES AT PLASTER OR GYPSUM BOARD. THE CONTRACTOR SHALL PATCH AND REPAIR SURFACES TO MATCH NEW ADJACENT SURFACES.
9. PIPING
ALL PIPING ABOVE GRADE AND INSIDE THE BUILDING REQUIRED BY THE CONSTRUCTION DOCUMENTS SHALL BE INSTALLED IN AREAS WHERE IT WILL BE CONCEALED. THE CONTRACTOR SHALL CONSULT WITH THE ARCHITECT AND COORDINATE WITH OTHER TRADES TO PROVIDE FURRING FOR PIPING INSTALLED IN FINISH AREAS.
10. FIXTURE REMOVAL
REMOVE MECHANICAL AND ELECTRICAL FIXTURES AND CAP OR REMOVE EXISTING BRANCH LINES AS INDICATED IN THE MECHANICAL AND ELECTRICAL DOCUMENTS.
11. COORDINATION
COORDINATE PLANS FOR NEW CONSTRUCTION W/ DEMOLITION PLANS FOR EXTENT OF REMOVAL. REMOVE ONLY THOSE PORTIONS OF WALLS, FLOORS, CEILINGS, ETC. NECESSARY TO ACCOMMODATE NEW CONSTRUCTION.

WINDOW/DOOR NOTES

1. CONTRACTOR TO CONFIRM ALL R.O. SIZES & INSTALL PER MANUFACTURER INSTRUCTIONS. ALL WINDOWS AND DOORS IN ARCH. DRAWINGS ARE NOMINAL DIMENSIONS.
2. ALL WINDOWS ARE TO BE TEMPERED WHEN ADJACENT TO AN EXTERIOR SWINGING DOOR OR BELOW 18" A.F.F. OR WITHIN 5'-0" TO A SHOWER OR BATHTUB.
3. CONTRACTOR TO VERIFY NEW WINDOW SIZES WITH EXISTING CONDITIONS.
4. ALL WINDOWS AND DOORS MUST MEET MASSACHUSETTS STRETCH ENERGY CODE & REFER TO HERS REPORT OR ENERGY MODELING REPORT FOR ADDITIONAL REQUIRMENTS.
5. INSTALL ICE AND WATER SHIELD AROUND ALL WINDOW OPENINGS AS PER MANUFACTURER'S RECOMMENDATION.
6. OWNER TO SELECT DOOR/WINDOW HARDWARE & ALL INTERIOR HARDWARD. CONTRACTOR TO COORDINATE.
7. OWNER TO SELECT EXTERIOR AND INTRERIOR DOOR/WINDOW TRIM, STYLE, AND/OR FINISHES. FOR RENOVATIONS WHERE EXISTING DOORS AND WINDOWS ARE TO REMAIN, NEW DOORS AND WINDOWS ARE INTENDED TO MATCH. CONTRACTOR TO COORDINATE.
8. EGRESS WIDNOWS - EMERGENCY AND ESCAPE RESCUE OPENINGS SHALL HAVE A NET CLEAR OPENING OF NOT LESS THAN 5.7 SQ FT. THE NET CLEAR HEIGHT OPENING SHALL BE NOT LESS THAN 24 INCHES AND THE NET CLEAR WIDTH SHALL BE NOT LESS THEN 20 INCHES. SINGLE-HUNG AND DOUBLE -HUNG WINDOWS SHALL HAVE A MINIMUM NET CLEAR OPENING OF 3.3 SQ FT. THE MINIMUM NET CLEAR OPENING DIMENSIONS SHALL BE 20 INCHES BY 24 INCHES IN EITHER DIRECTION.
9. PROVIDE WINDOW OPENING LIMITING DEVICES AT WINDOWS MORE THAN 6'-0" ABOVE GROUND.

CODE SUMMARY

* SEE CODE SUMMARY SHEETS

GRAPHIC LEGEND

FIRE SEPERATION
RATED WALL - 2 HR
RATED WALL - 1 HR
NEW WALL
EXISTING WALL
DEMOLISHED WALL
EXISTING DOOR
NEW DOOR
BUILDING ELEVATION TAG (Ref / A101)
SECTION TAG (1 / A101)
INTERIOR ELEVATION TAG (1 / A101)
DOOR TAG (101)
WINDOW TAG
REVISION & NUMBER (1)
SPOT ELEVATION
CENTER LINE
SMOKE DETECTOR
SMOKE AND CARBON MONOXIDE DETECTOR (SMC)
EXIT SIGN (EXIT)
EMERGENCY LIGHT
FIRE EXTINGUISHER

ABBREVIATIONS

#	Pound OR Number	MECH	Mechanical
&	And	MEMBR	Membrane
@	At	MIN	Minimum
ACT	Acoustic Ceiling Tile	MRGWB	Moisture-Resistant Gypsum Wall Board
AD	Area Drain	MTL	Metal
AFF	Above Finished Floor	NIC	Not In Contract
ALUM	Aluminum	NO	Number
ANOD	Anodized	NOM	Nominal
BSMT	Basement	OC	On Center
BYND	Beyond	OH	Overhang or Opposite Hand
BOT	Bottom	OPP	Opposite or Opposite Hand
CIP	Cast In Place	OZ	Ounce
CHNL	Channel	PCC	Pre-Cast Concrete
CJ	Control Joint	PLUMB	Plumbing
CL	Center Line	PLYD	Plywood
CLG	Ceiling	PT	Pressure Treated
CLR	Clear	PNT	Paint or Painted
CMU	Concrete Masonry Unit	PVC	Polyvinyl Chloride
COL	Column	RBR	Rubber
COMPR	Compressible	RCP	Reflected Ceiling Plan
CONC	Concrete	RD	Roof Drain
CONT	Continuous	REQD	Required
CPT	Carpet	RM	Room
CT	Ceramic Tile	SIM	Similar
CTYD	Courtyard	SD	Smoke Detector
DBL	Double	SPEC	Specified OR Specification
DEMO	Demolish or Demolition	SPK	Sprinkler or Speaker
DIA	Diameter	SSTL	Stainless Steel
DIM	Dimension	STC	Sound Transmission Coefficient
DIMS	Dimensions	STL	Steel
DN	Down	STRUCT	Structure or Structural
DR	Door	T&G	Tongue And Groove
DWG	Drawing	TELE	Telephone
EA	Each	TLT	Toilet
EJ	Expansion Joint	TME	To Match Existing
EL	Elevation	TO	Top Of
ELEC	Electrical	TOC	Top Of Concrete
ELEV	Elevator or Elevation	TOS	Top Of Steel
EPDM	Ethylene Propylene Diene M-Class (Roofing)	TPD	Toilet Paper Dispenser
EQ	Equal	T/D	Telephone/Data
EXIST	Existing	TYP	Typical
EXP JT	Expansion Joint	UNO	Unless Noted Otherwise
EXT	Exterior	U/S	Underside
FD	Floor Drain or Fire Department	VIF	Verify In Field
FEC	Fire Extinguisher Cabinet	VP	Vision Panel
FF	Finished Face or Finished Floor	W/	With
FFL	Finished Floor Level	WD	Wood
FIXT	Fixture		
FLR	Floor		
FM	Filled Metal		
FO	Face Of		
FND	Foundation		
GA	Gauge		
GALV	Galvanized		
GWB	Gypsum Wall Board		
HC	Hollow Core		
HI	High		
HM	Hollow Metal		
HP	High Point		
HR	Hour		
HVAC	Heating, Ventilating, And Air Conditioning		
IRGWB	Impact Resistant Gypsum Wall Board		
ILO	In Lieu Of		
INSUL	Insulated or Insulation		
INT	Interior		
LO	Low		
MAX	Maximum		
MO	Masonry Opening		

HEXI

Architect:
HEXI, LLC

34 Commerce Way
Ste B255
Woburn, MA 01801

CONSULTANTS:

Structural Engineer

Agile Engineering llc
188 South St
Quincy, MA 02169

MEPFP ENGINEER

Zade Associates llc
1 Billings Rd
Quincy, MA, 02171

CODE CONSULTANT

1507 Inc.
46 Grampian Way
Dorchester, MA 02125

NEW CONDOMINIUM DEVELOPMENT

103-109 SCHOOL ST CAMBRIDGE LLC

103-109 SCHOOL ST
CAMBRIDGE, MA

PROGRESS SET

PROJECT NUMBER 89-00-103

NO.	DESCRIPTION	DATE

KEY PLAN

SEAL

DRAWN BY BL, DY
CHECKED BY DY
SHEET ISSUE DATE 11/10/2026
SCALE As indicated

SHEET NAME
COVER & GENERAL NOTES

G100



HEXI

Architect:
HEXI, LLC

34 Commerce Way
Ste B255
Woburn, MA 01801

CONSULTANTS:

Structural Engineer

Agile Engineering llc
188 South St
Quincy, MA 02169

MEPFP ENGINEER

Zade Associates llc
1 Billings Rd
Quincy, MA, 02171

CODE CONSULTANT

1507 Inc.
46 Grampian Way
Dorchester, MA 02125

NEW CONDOMINIUM DEVELOPMENT

103-109 SCHOOL ST CAMBRIDGE LLC

103-109 SCHOOL ST
CAMBRIDGE, MA

PROGRESS SET

PROJECT NUMBER 89-00-103

NO.	DESCRIPTION	DATE

KEY PLAN

SEAL

DRAWN BY	BL, DY
CHECKED BY	DY
SHEET ISSUE DATE	11/10/2026
SCALE	12" = 1'-0"

SHEET NAME
SITE LOCATION / CONTEXT

G150

SITE PLAN OF LAND

LOCATED AT

103-109 SCHOOL STREET
CAMBRIDGE, MA

DATE: JANUARY 10, 2025 SCALE: 1.0 INCH = 10.0 FEET

0 10 20 30

PREPARED FOR:
OWNER OF RECORD
103-109 SCHOOL ST CAMBRIDGE LLC
66 WILLARD ROAD
NEWTON, MA 02458

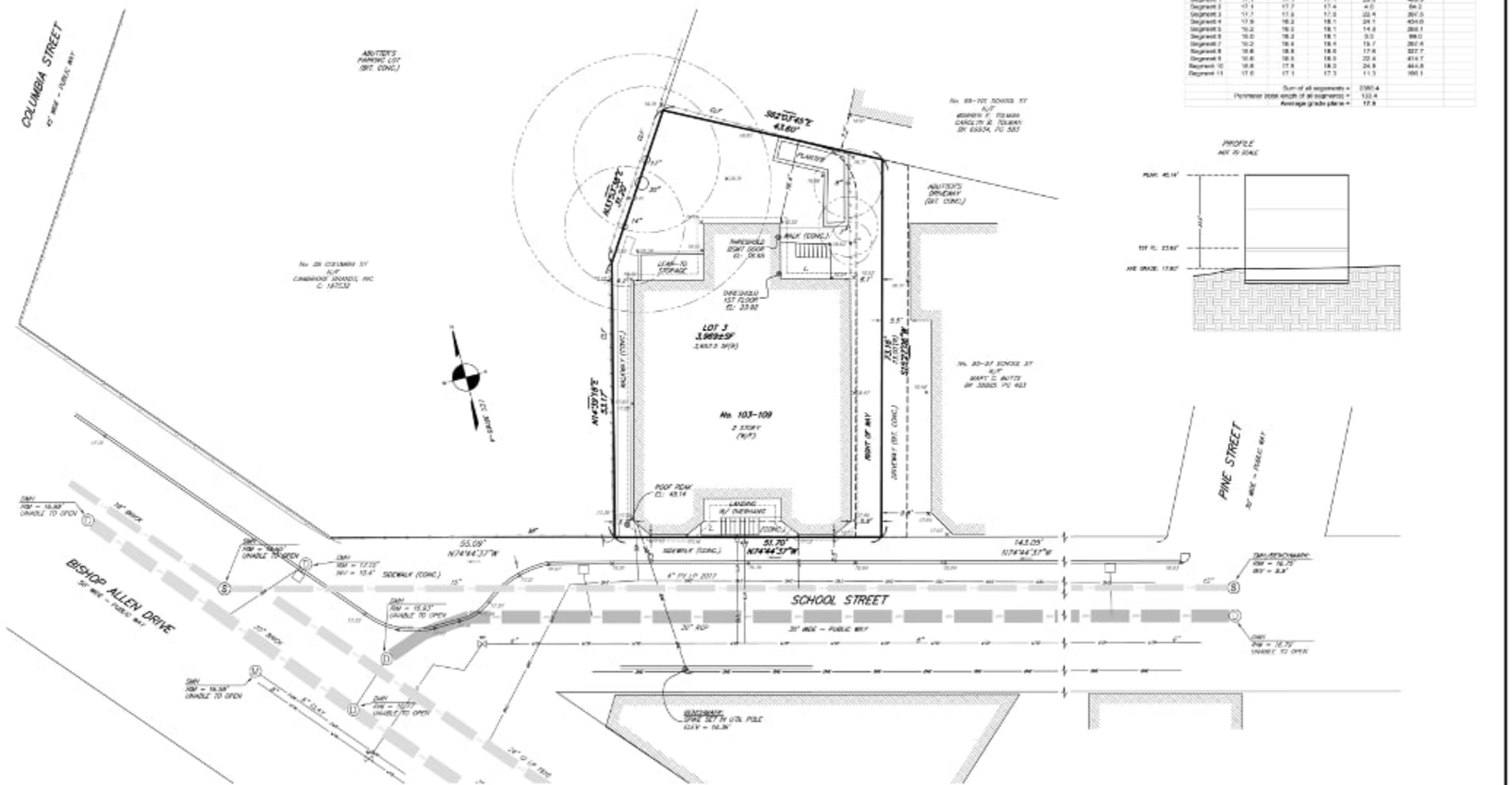
REFERENCES:
DEED: BK 83238, PG 146
PLAN: PL BK 42, PL 18
PL 1955 #1751
PL 1958 #487
LCC: 7881-B
32583-A
36393-A

NOTES:
MAP/LOT: 75-123
ZONING: C-1

BOSTON SURVEY, INC.
UNIT C-6 SHIPWAY PLACE
CHARLESTOWN, MA 02129
(617) 242-1313

LEGEND

BOUND	⊡
IRON PIPE/IRON ROD	○
DRILL HOLE	●
BENCHMARK	
GAS VALVE	GV
HYDRANT	
WATER SHUTOFF	
WATER VALVE	WV
CATCH BASIN	□
DRAIN MANHOLE	D
SEWER MANHOLE	S
ELECTRIC MANHOLE	E
TELEPHONE MANHOLE	T
SIGN	
LIGHT POLE	☼
UTILITY POLE	⌀
DRAIN LINE	DRN
SEWER LINE	SWR
GAS LINE	GAS
WATER LINE	WTR
OVERHEAD ELECTRIC LINE	OHE
CHAIN LINK FENCE	
INVERT	INV
POLY VINYL CHLORIDE	PVC
VITRIFIED CLAY	VC
REINFORCED CONCRETE PIPE	RCP
FOUND	FND
CONCRETE BOUND	CB
STONE BOUND	SB



	Elevation 1	Elevation 2	Average	Length	Average x Length
Segment 1	17.1	17.1	17.1	28.0	480.0
Segment 2	17.1	17.7	17.4	4.0	64.3
Segment 3	17.7	17.3	17.5	22.4	391.5
Segment 4	17.3	18.2	18.1	24.1	434.0
Segment 5	18.2	18.2	18.1	14.0	255.1
Segment 6	18.0	18.2	18.1	5.3	99.0
Segment 7	18.2	18.4	18.4	15.7	287.4
Segment 8	18.8	18.8	18.8	17.6	327.7
Segment 9	18.8	18.1	18.5	22.4	414.7
Segment 10	18.8	17.8	18.3	24.8	443.8
Segment 11	17.8	17.1	17.3	11.5	199.1
			Sum of all segments =		3361.4
			Perimeter (total length of all segments) =		192.4
			Average grade plane =		17.5

PROFILE
NOT TO SCALE

I CERTIFY THAT THIS PLAN WAS MADE FROM AN INSTRUMENT SURVEY ON THE GROUND ON THE DATE OF DECEMBER 15, 2004 AND ALL STRUCTURES ARE LOCATED AS SHOWN HEREON.

I HEREBY CERTIFY THAT THE PROPERTY LINES SHOWN ARE LINES DIVIDING EXISTING OWNERSHIP AND THE LINES OF STREETS AND WAYS ALREADY ESTABLISHED AND THAT NO NEW LINES FOR THE DIVISION OF EXISTING OWNERSHIP OR FOR NEW WAYS ARE SHOWN.

VERTICAL DATUM
THE ELEVATIONS SHOWN ON THIS PLAN ARE RELATIVE TO CAMBRIDGE BASE.

BENCHMARK
1) SPIKE SET IN UTILITY POLE
ELEVATION = 18.36'
2) RIM OF SEWER MANHOLE
ELEVATION = 16.75'

UNDERGROUND UTILITIES ARE BASED UPON AN ACTUAL FIELD SURVEY AND INFORMATION OF RECORD. IT IS NOT WARRANTED THAT THEY ARE EXACTLY LOCATED, NOR THAT ALL UNDERGROUND CONDUITS OR OTHER STRUCTURES ARE SHOWN ON THIS PLAN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY DIG SAFE PRIOR TO ANY EXCAVATIONS.

FEMA
ACCORDING TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY (F.E.M.A.) MAPS, THIS MAJOR IMPROVEMENTS ON THIS PROPERTY FALL IN AN AREA DESIGNATED AS

ZONE:	X
COMMUNITY PANEL:	25017C0376E
EFFECTIVE DATE:	06/04/2010

FIELD:	MD
DRAFT:	RAP, SAP
CHECK:	EGC
DATE:	01/10/25
JOB #	24-0087

GEORGE C. COLLINS JR. NO. 47784 REGISTERED PROFESSIONAL LAND SURVEYOR

HEXI

Architect:
HEXI, LLC

34 Commerce Way
Ste B255
Woburn, MA 01801

CONSULTANTS:

Structural Engineer

Agile Engineering llc
188 South St
Quincy, MA 02169

MEPFP ENGINEER

Zade Associates llc
1 Billings Rd
Quincy, MA, 02171

CODE CONSULTANT

1507 Inc.
46 Grampian Way
Dorchester, MA 02125

NEW CONDOMINIUM DEVELOPMENT

103-109 SCHOOL ST CAMBRIDGE LLC

103-109 SCHOOL ST
CAMBRIDGE, MA

PROGRESS SET

PROJECT NUMBER 89-00-103

NO.	DESCRIPTION	DATE

KEY PLAN

SEAL

DRAWN BY BL, DY
CHECKED BY DY
SHEET ISSUE DATE 11/10/2026
SCALE

SHEET NAME
LAND SURVEY

G300









HEXI

Architect:
HEXI, LLC

34 Commerce Way
Ste B255
Woburn, MA 01801

CONSULTANTS:

Structural Engineer

Agile Engineering llc
188 South St
Quincy, MA 02169

MEPFP ENGINEER

Zade Associates llc
1 Billings Rd
Quincy, MA, 02171

CODE CONSULTANT

1507 Inc.
46 Grampian Way
Dorchester, MA 02125

NEW CONDOMINIUM DEVELOPMENT

103-109 SCHOOL ST CAMBRIDGE LLC

103-109 SCHOOL ST
CAMBRIDGE, MA

PROGRESS SET

PROJECT NUMBER 89-00-103

NO.	DESCRIPTION	DATE

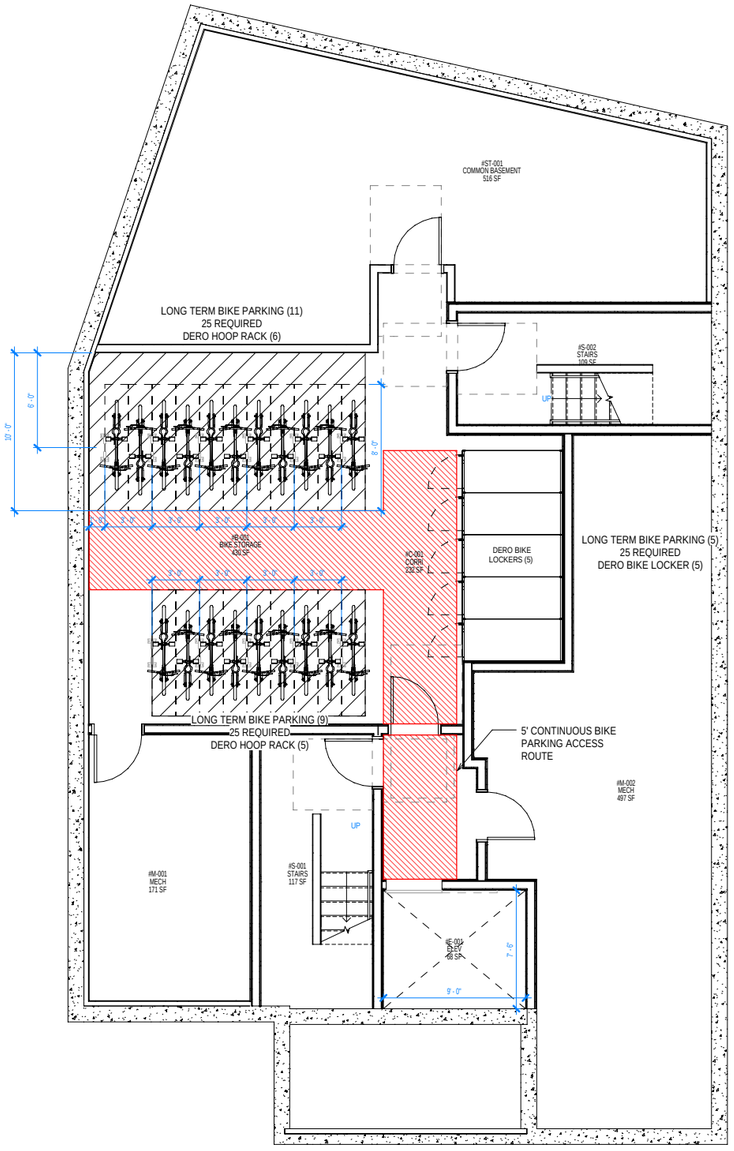
KEY PLAN

SEAL

DRAWN BY	BL, DY
CHECKED BY	DY
SHEET ISSUE DATE	11/10/2026
SCALE	

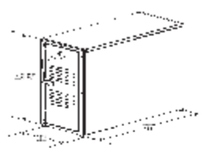
SHEET NAME
EXISTING CONDITIONS

G160



1 LEVEL 0 FLOOR PLAN, PROPOSED, TRANSPORTATION ACCESS
1/4" = 1'-0"

Bike Locker (Model 150) Submittal Sheet



CAPACITY 10 or

MATERIALS Powder coated 12 gauge steel
Total: 50 lbs
Silkscreen logo on door
Powder coated
Total: 100 lbs

HARDWARE Latch with 2 keys, and 1 master key
Master and Control Keys will not operate MAS locks

LOCKING SYSTEM Accepts 5/8" (16 mm) diameter U-style locks

INSTALLATION Mounts to 3/8" (10 mm) thick concrete floor

WARRANTY
- 10 years, full
- 10 years, full
- Two years, on parts of doors
- One year, on labor
- Paint finish
- Hardware

LOCKING DEVICES Key

- Padlock

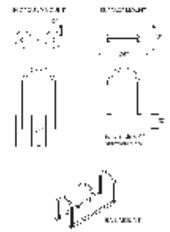
WINDOW Slit, silkscreen mounted polycarbonate door

DOME ENCLOSURE Polycarbonate

- Side Straight Pipe

Hoop Rack Submittal Sheet





CAPACITY 2 bikes

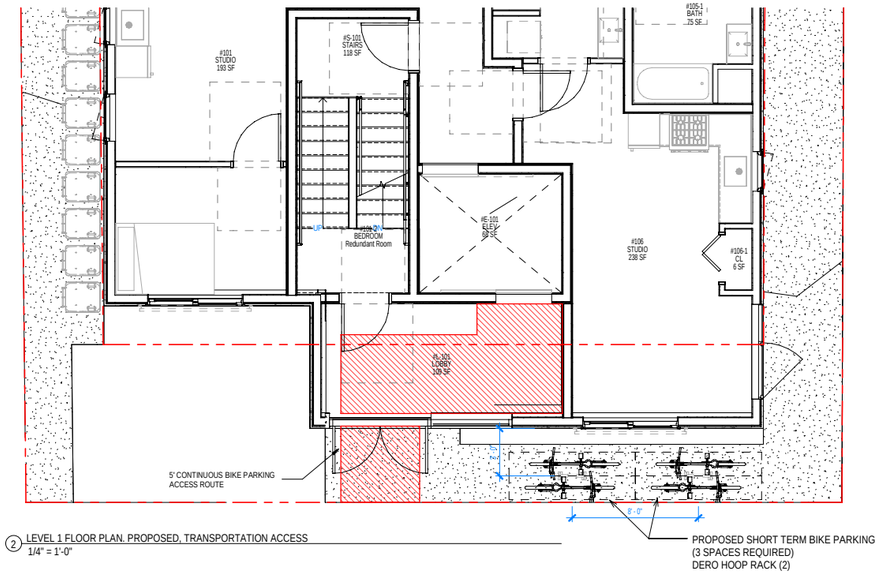
MATERIALS 11 gauge steel
Powder coat

FINISH
- Powder coat
Color: Black
- Galvanized
- Stainless steel

INSTALLATION
- Surface mount
Mounting hardware included
- Embed
Mounting hardware not included

OPTIONAL ACCESSORIES
- Bike Lock Bar
Lock bar not included

2 LEVEL 1 FLOOR PLAN. PROPOSED, TRANSPORTATION ACCESS
1/4" = 1'-0"



HEXI

Architect:
HEXI, LLC

34 Commerce Way
Ste B255
Woburn, MA 01801

CONSULTANTS:

Structural Engineer

Agile Engineering llc
188 South St
Quincy, MA 02169

MEPFP ENGINEER

Zade Associates llc
1 Billings Rd
Quincy, MA, 02171

CODE CONSULTANT

1507 Inc.
46 Grampian Way
Dorchester, MA 02125

NEW CONDOMINIUM DEVELOPMENT

103-109 SCHOOL ST CAMBRIDGE LLC

103-109 SCHOOL ST
CAMBRIDGE, MA

PROGRESS SET

PROJECT NUMBER 89-00-103

NO.	DESCRIPTION	DATE

KEY PLAN

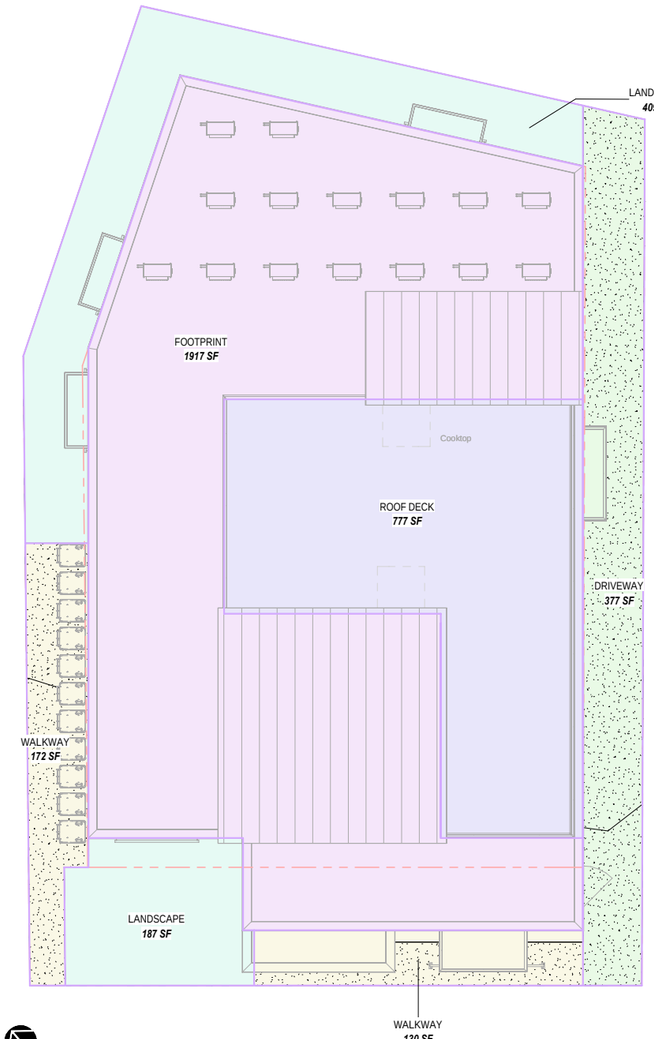
SEAL

DRAWN BY	BL, DY
CHECKED BY	DY
SHEET ISSUE DATE	11/10/2026
SCALE	1/4" = 1'-0"

SHEET NAME
TRANSPORTATION

G600

ZONING COMPLIANCE TABLE C-1						
ZR	Item/Description		Permited / Required	Proposed	Compliance	Notes
	USES		RESIDENTIAL	RESIDENTIAL		MULTI FAMILY - 24 UNITS
	FAR		-	-	YES	
	FLOOR AREA		-	13,586 SF		
	LOT SIZE		3,969 SF	3,570 SF		
	OPEN SPACE		30%	43.2%		
		PERMEABLE	15%	22.6%	YES	
		PRIVATE		19.6%		
	PARKING		-	-		
	SETBACK & HEIGHT	FRONT (STREET)	10'	4.7'	YES	5.40 (3) Average Setback
		LEFT	5'	5'	YES	
		RIGHT	5'	5'	YES	
		REAR	5'	5'	YES	
		MAX BUILDING HEIGHT	45'	45.3' / 41.3'	YES	5.23.2 4' Flood Offset Adjustment
		STORIES	4	4		
	SPRINKLER		YES	YES		
	CONSTRUCTION TYPE			5A		

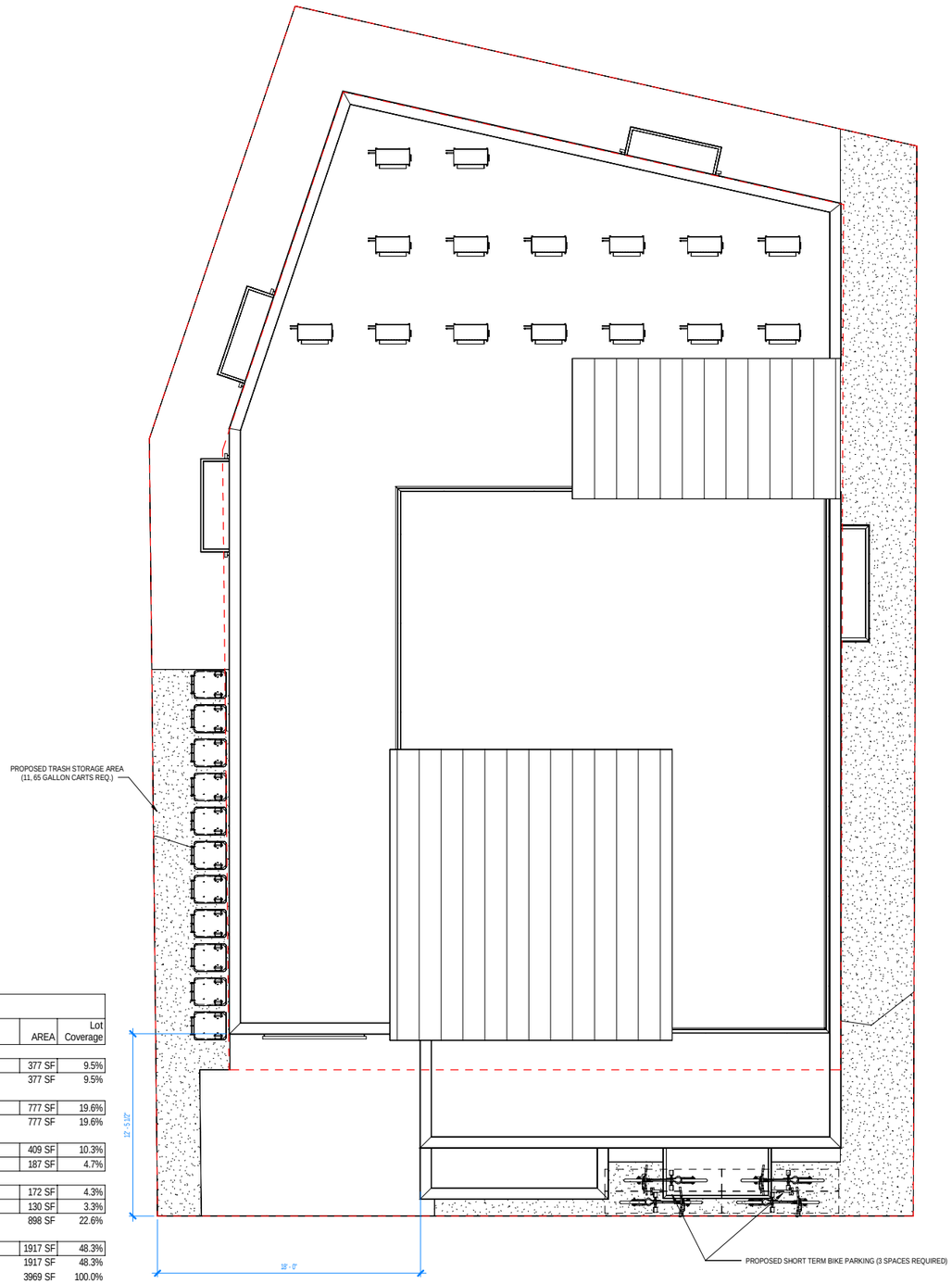


PROJECT NORTH

TRUE NORTH

6 LOT COVERAGE, PROPOSED
3/16" = 1'-0"

LOT COVERAGE			
TYPE	NAME	AREA	Lot Coverage
SITE	DRIVEWAY	377 SF	9.5%
		377 SF	9.5%
OPEN SPACE, PRIVATE	ROOF DECK	777 SF	19.6%
		777 SF	19.6%
OPEN SPACE, PERMEABLE	LANDSCAPE	409 SF	10.3%
OPEN SPACE, PERMEABLE	LANDSCAPE	187 SF	4.7%
OPEN SPACE, PERMEABLE	WALKWAY	172 SF	4.3%
OPEN SPACE, PERMEABLE	WALKWAY	130 SF	3.3%
		898 SF	22.6%
BUILDING	FOOTPRINT	1917 SF	48.3%
		1917 SF	48.3%
Grand total		3969 SF	100.0%



4 SITE PLAN, PROPOSED
1/4" = 1'-0"

RINDGE AVENUE

HEXI

Architect:
HEXI, LLC

34 Commerce Way
Ste B255
Woburn, MA 01801

CONSULTANTS:

Structural Engineer

Agile Engineering llc
188 South St
Quincy, MA 02169

MEPFP ENGINEER

Zade Associates llc
1 Billings Rd
Quincy, MA, 02171

CODE CONSULTANT

1507 Inc.
46 Grampian Way
Dorchester, MA 02125

NEW CONDOMINIUM DEVELOPMENT

103-109 SCHOOL ST CAMBRIDGE LLC

103-109 SCHOOL ST
CAMBRIDGE, MA

PROGRESS SET

PROJECT NUMBER 89-00-103

NO.	DESCRIPTION	DATE

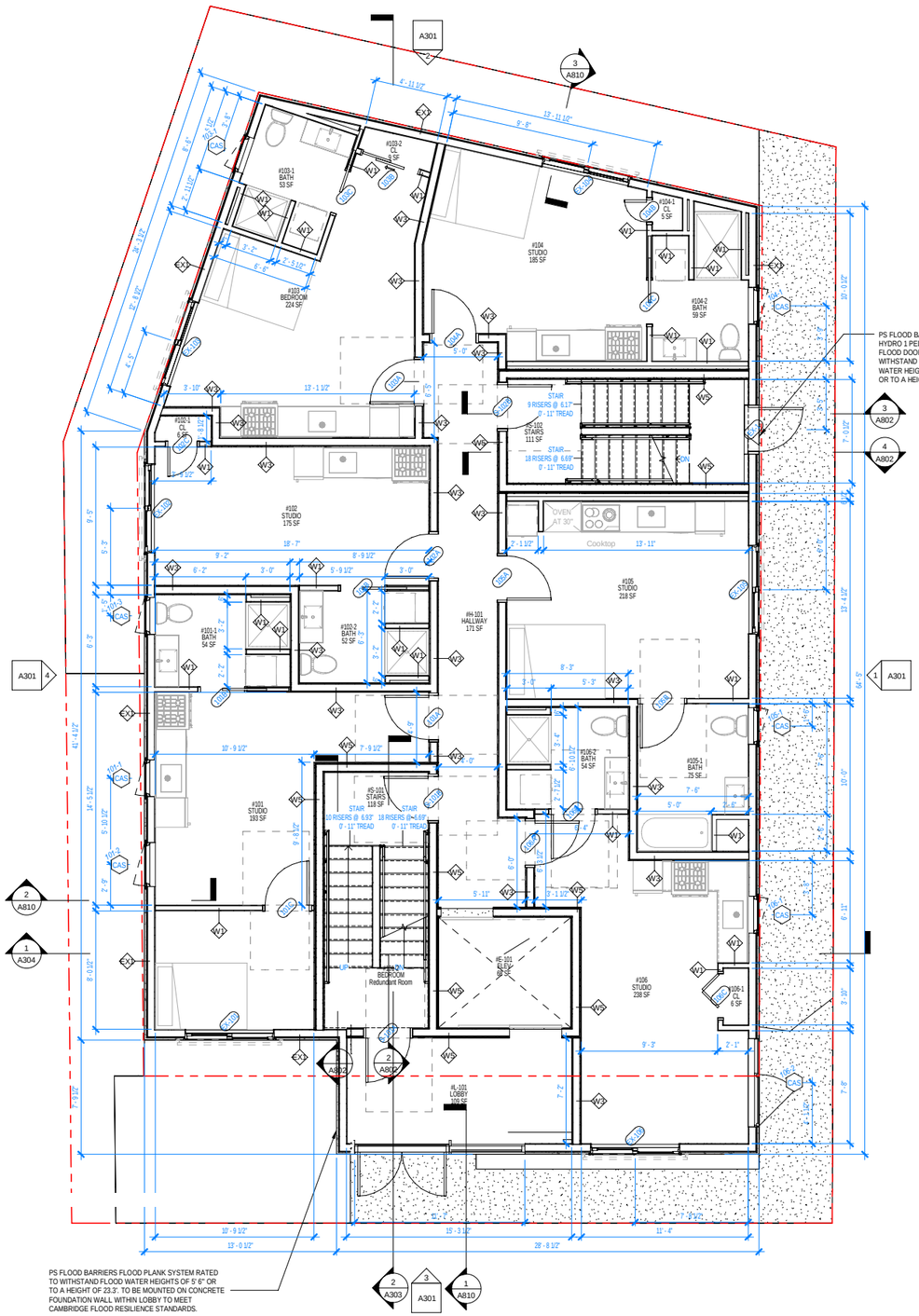
KEY PLAN

SEAL

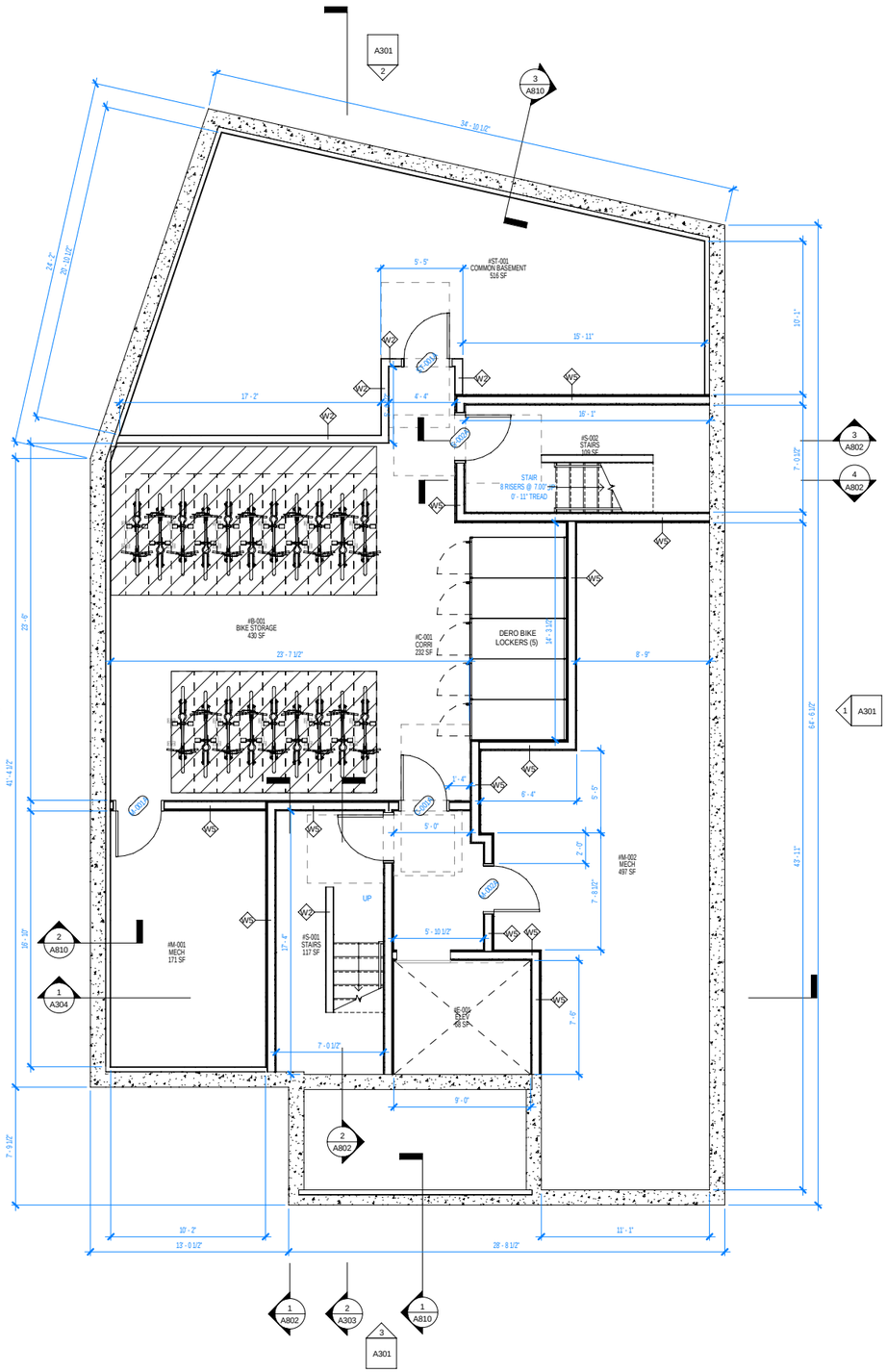
DRAWN BY	BL, DY
CHECKED BY	DY
SHEET ISSUE DATE	11/10/2026
SCALE	As indicated

SHEET NAME
ZONING & SITE

G200



2 LEVEL 1 FLOOR PLAN, PROPOSED
1/4" = 1'-0"



1 LEVEL 0 FLOOR PLAN, PROPOSED
1/4" = 1'-0"

HEXI

Architect:
HEXI, LLC

34 Commerce Way
Ste B255
Woburn, MA 01801

CONSULTANTS:

Structural Engineer

Agile Engineering llc
188 South St
Quincy, MA 02169

MEPFP ENGINEER

Zade Associates llc
1 Billings Rd
Quincy, MA, 02171

CODE CONSULTANT

1507 Inc.
46 Grampian Way
Dorchester, MA 02125

NEW CONDOMINIUM DEVELOPMENT

103-109 SCHOOL ST CAMBRIDGE LLC

103-109 SCHOOL ST
CAMBRIDGE, MA

PROGRESS SET

PROJECT NUMBER 89-00-103

NO.	DESCRIPTION	DATE

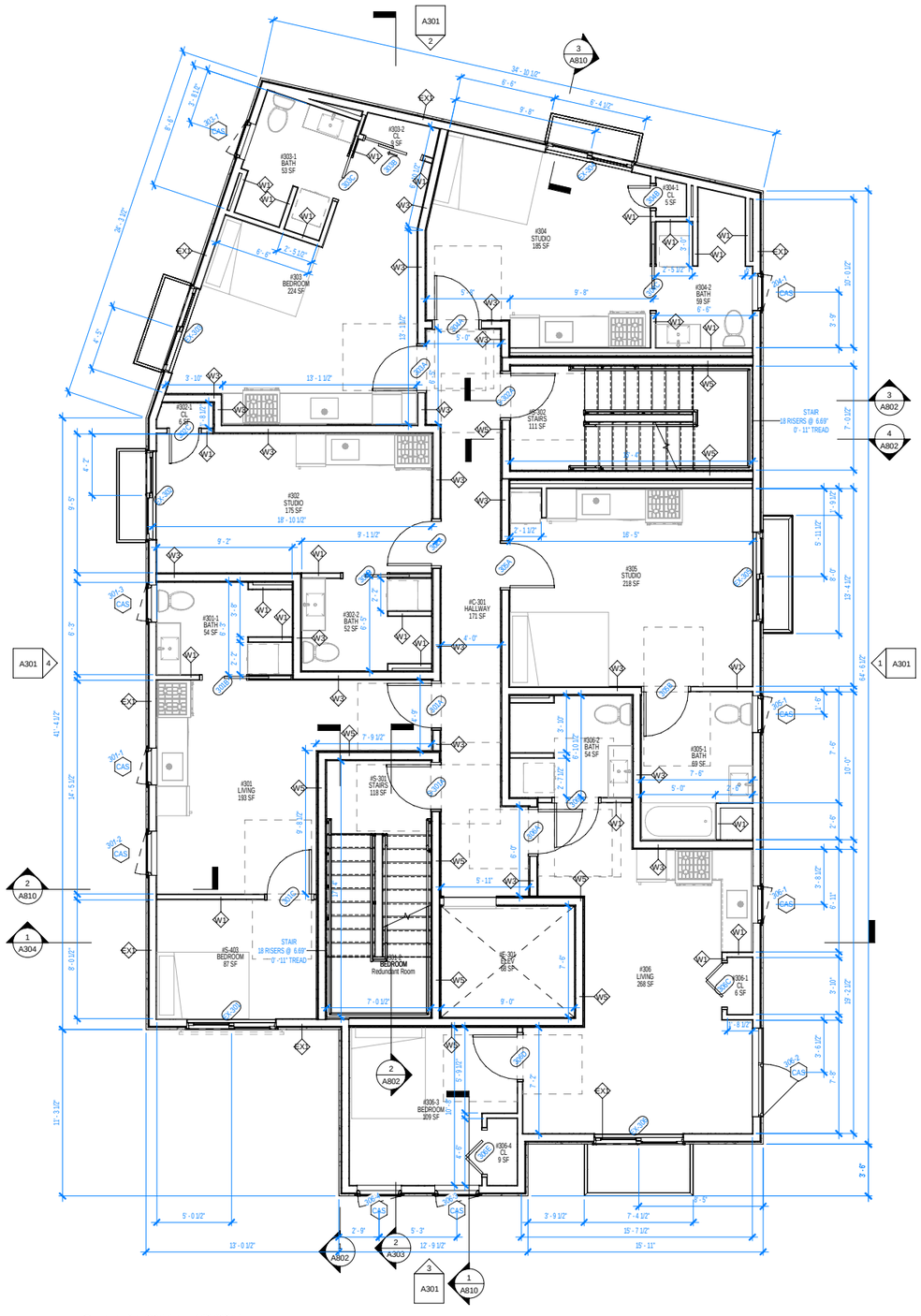
KEY PLAN

SEAL

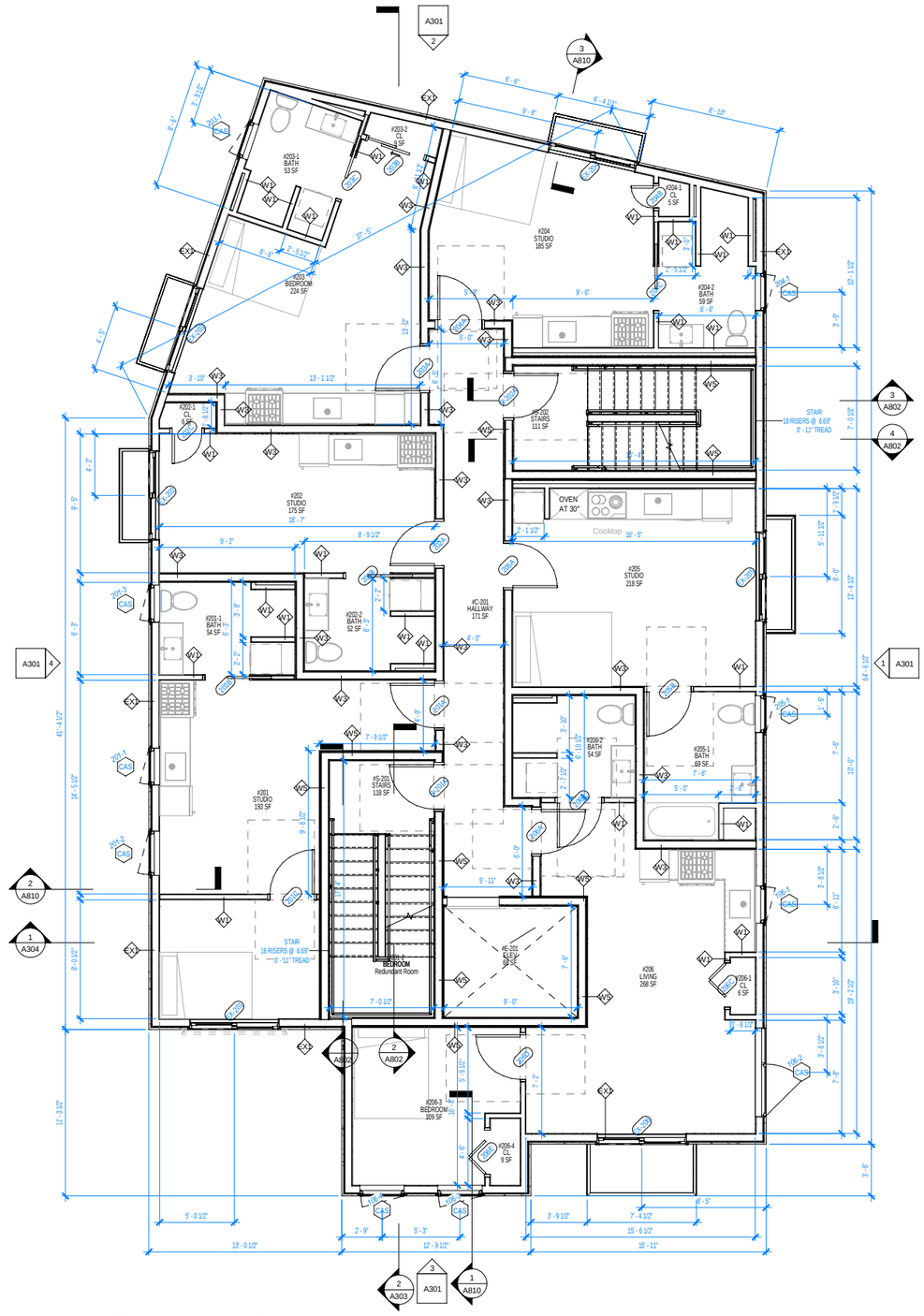
DRAWN BY	BL, DY
CHECKED BY	DY
SHEET ISSUE DATE	11/10/2026
SCALE	1/4" = 1'-0"

SHEET NAME
LEVEL 0 AND LEVEL 1 FLOOR PLANS

A200



1 LEVEL 3 FLOOR PLAN. PROPOSED
1/4" = 1'-0"



2 LEVEL 2 FLOOR PLAN. PROPOSED
1/4" = 1'-0"

HEXI

Architect:
HEXI, LLC

34 Commerce Way
Ste B255
Woburn, MA 01801

CONSULTANTS:

Structural Engineer

Agile Engineering llc
188 South St
Quincy, MA 02169

MEPFP ENGINEER

Zade Associates llc
1 Billings Rd
Quincy, MA, 02171

CODE CONSULTANT

1507 Inc.
46 Grampian Way
Dorchester, MA 02125

NEW CONDOMINIUM DEVELOPMENT

103-109 SCHOOL ST CAMBRIDGE LLC

103-109 SCHOOL ST
CAMBRIDGE, MA

PROGRESS SET

PROJECT NUMBER 89-00-103

NO.	DESCRIPTION	DATE

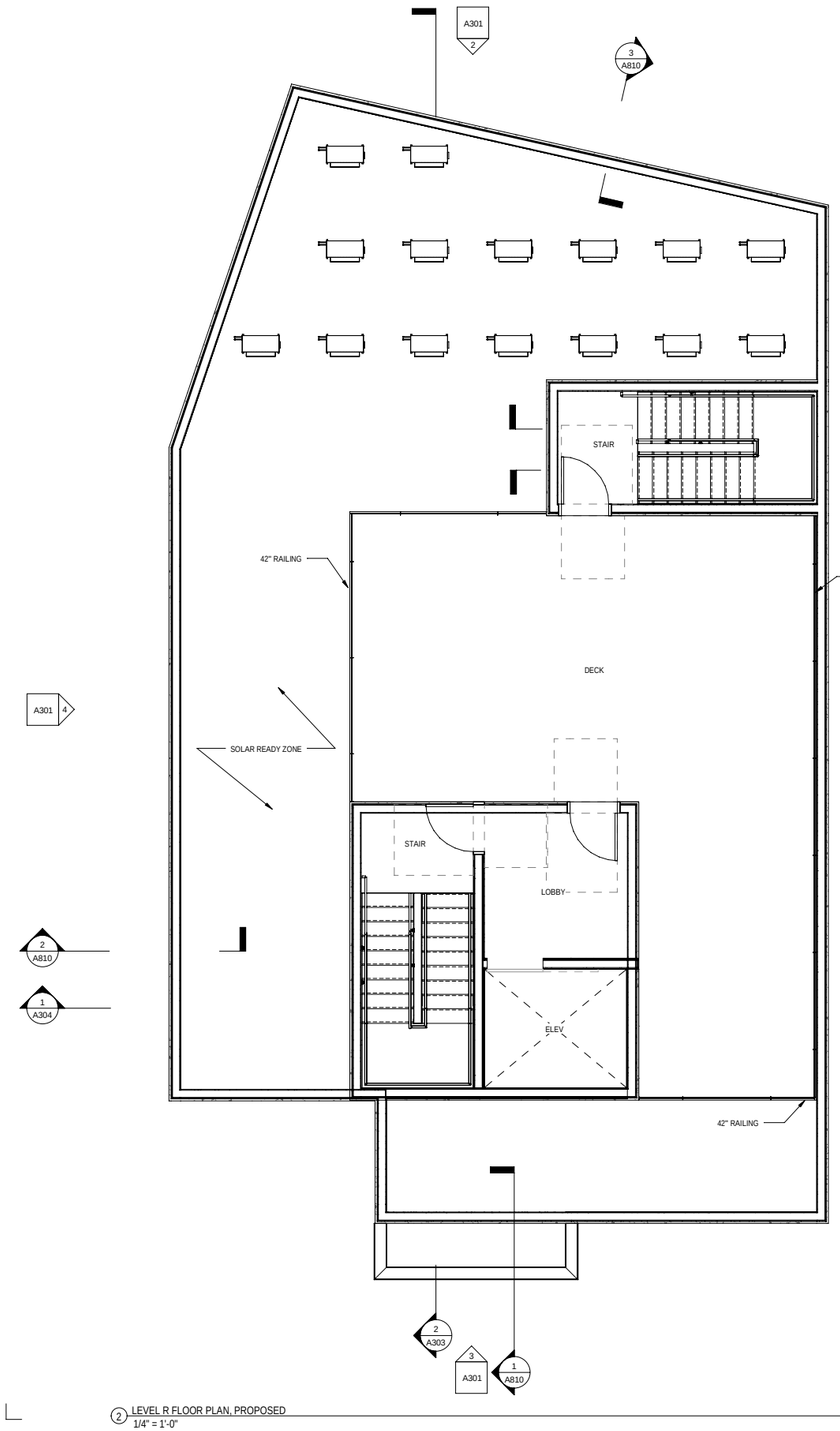
KEY PLAN

SEAL

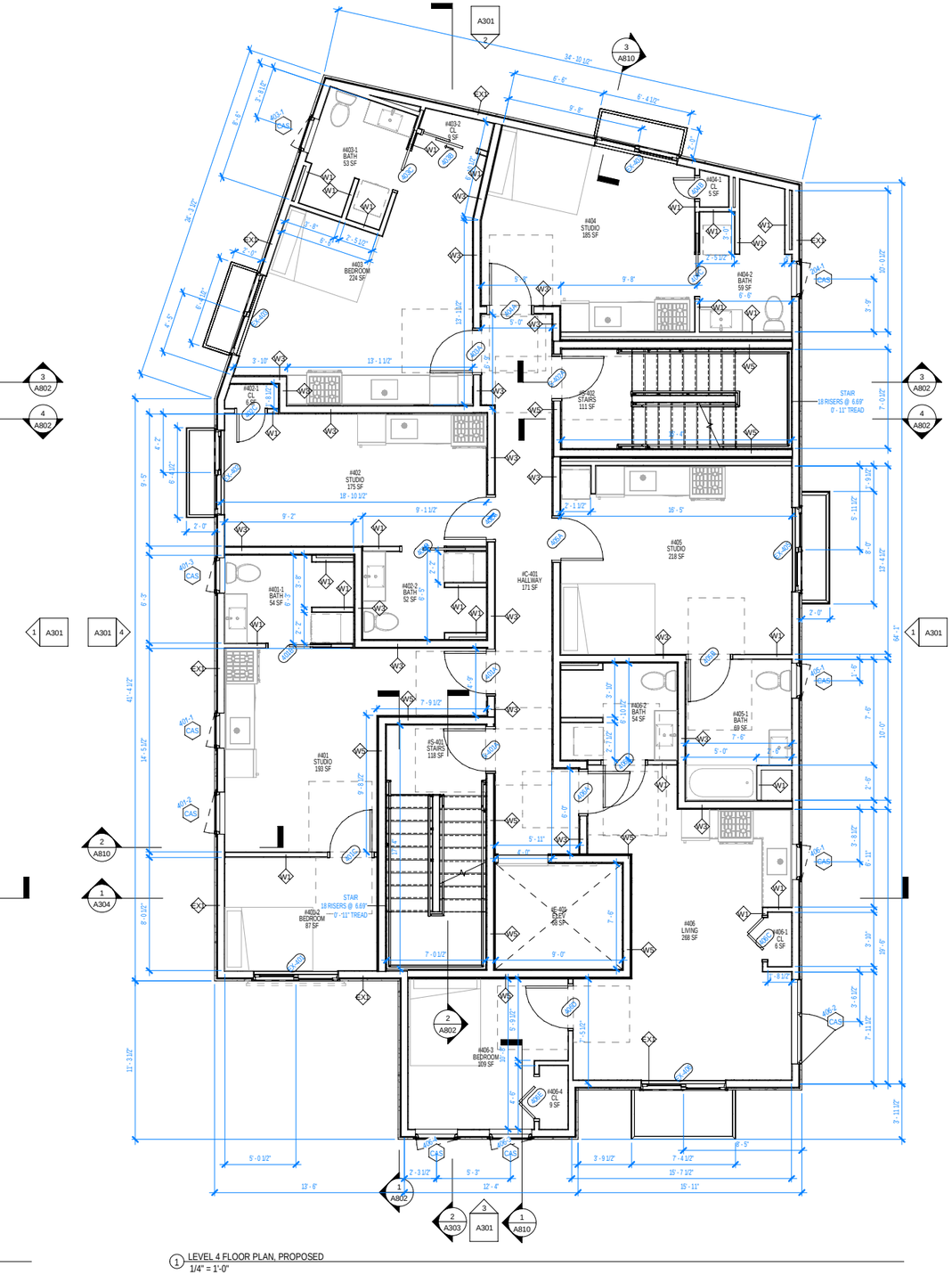
DRAWN BY	BL, DY
CHECKED BY	DY
SHEET ISSUE DATE	11/10/2026
SCALE	1/4" = 1'-0"

SHEET NAME
LEVEL 2 AND LEVEL 3 FLOOR PLANS

A201



2 LEVEL R FLOOR PLAN, PROPOSED
1/4" = 1'-0"



1 LEVEL 4 FLOOR PLAN, PROPOSED
1/4" = 1'-0"

HEXI

Architect:
HEXI, LLC

34 Commerce Way
Ste B255
Woburn, MA 01801

CONSULTANTS:

Structural Engineer

Agile Engineering llc
188 South St
Quincy, MA 02169

MEPFP ENGINEER

Zade Associates llc
1 Billings Rd
Quincy, MA, 02171

CODE CONSULTANT

1507 Inc.
46 Grampian Way
Dorchester, MA 02125

NEW CONDOMINIUM DEVELOPMENT

103-109 SCHOOL ST CAMBRIDGE LLC

103-109 SCHOOL ST
CAMBRIDGE, MA

PROGRESS SET

PROJECT NUMBER 89-00-103

NO.	DESCRIPTION	DATE

KEY PLAN

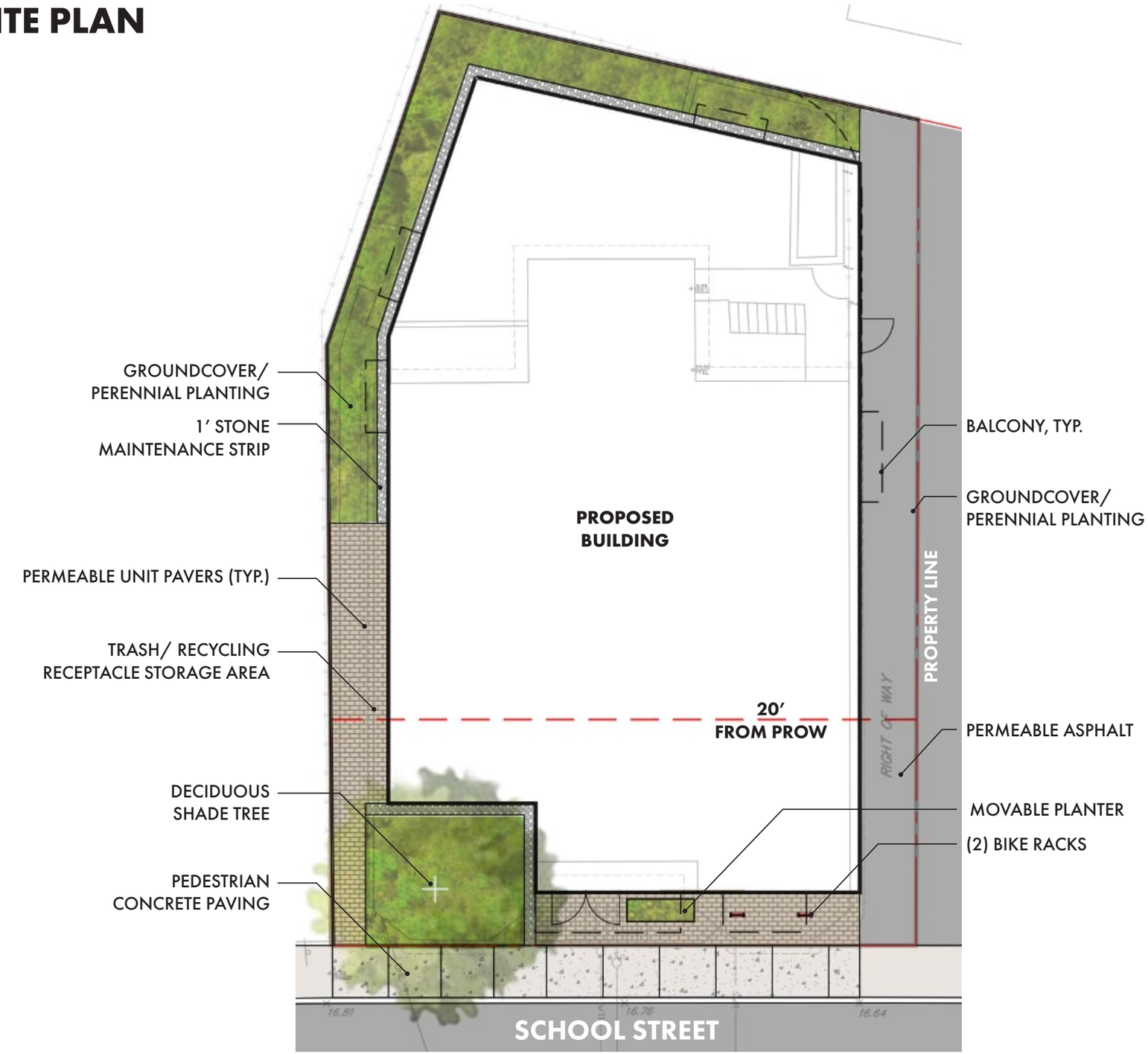
SEAL

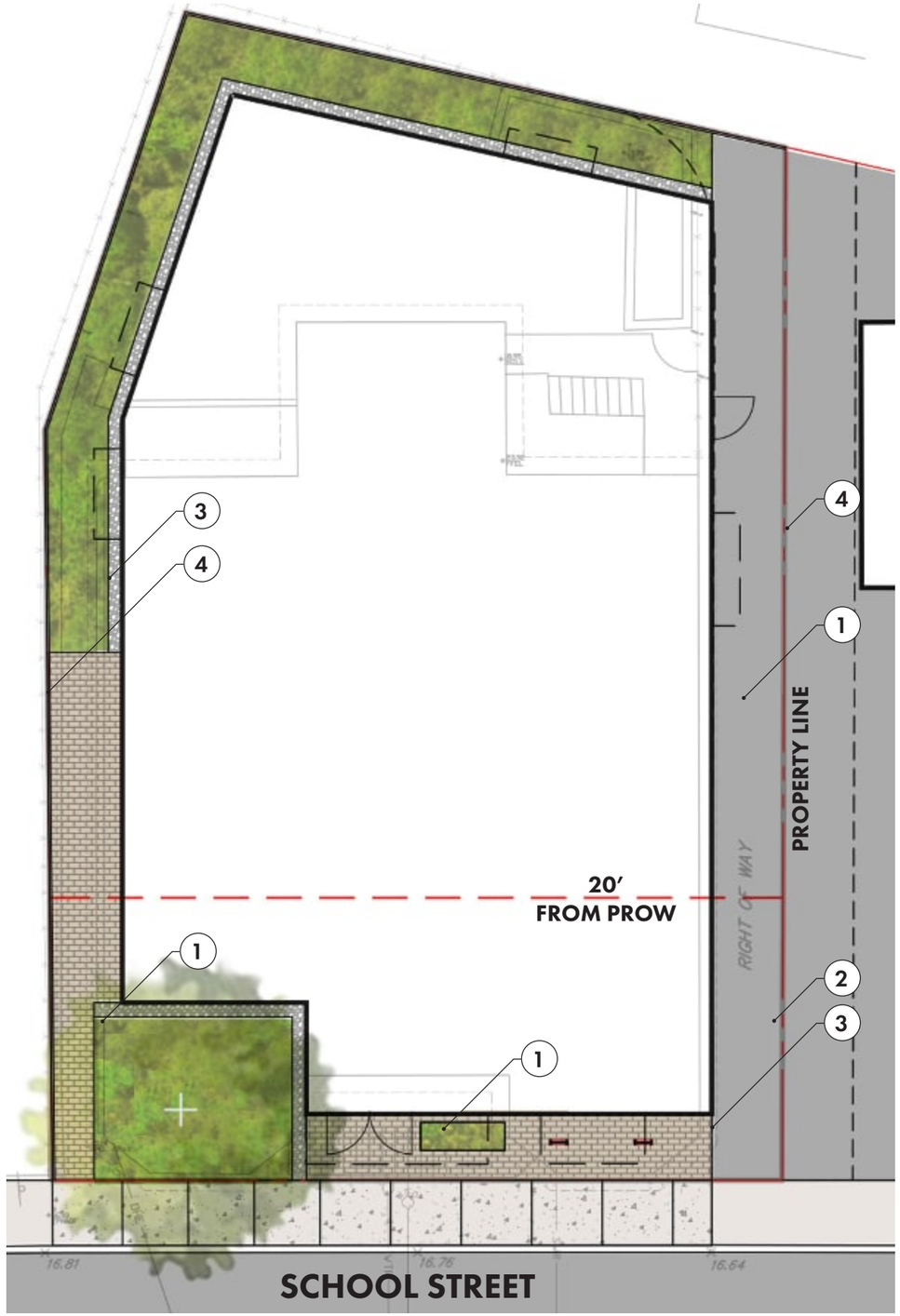
DRAWN BY	BL, DY
CHECKED BY	DY
SHEET ISSUE DATE	11/10/2026
SCALE	1/4" = 1'-0"

SHEET NAME
LEVEL 4 AND LEVEL R FLOOR PLANS

A202

LANDSCAPE SITE PLAN

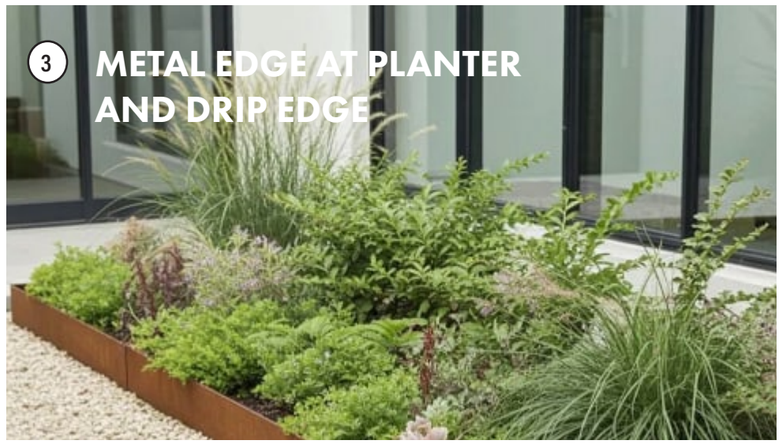




MATERIALS PRECEDENT

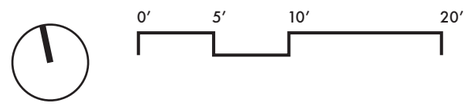








**EXTENTS ALONG SIDE AND REAR YARD*



UMBRIANO®

ARCHITECTURAL COLLECTION - PAVERS & SLABS

Umbriano pavers deliver a granite-like appearance ideal for sleek, modern hardscape designs. Their unique mottled surface is created by the random dispersion of granite particles and rich color blends, producing a natural aesthetic with subtle variation. The textured surface achieves a non-slip finish that ensures both beauty and performance in high-traffic environments.



COMMMERCIAL.UNILOCK.COM

UNILOCK

UMBRIANO®

STANDARD
SHAPES & SIZES

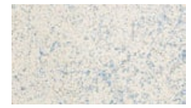
SHAPE	LENGTH & WIDTH (IMPERIAL)	LENGTH & WIDTH (METRIC)	THICKNESS
6 x 6"	5 15/16 x 5 15/16"	150 x 150mm	2 3/4" (70mm)
4 x 16"	3 7/8 x 15 3/4"	100 x 400mm	2 3/4" (70mm)
			3 7/8" (100mm)
4 x 12"	3 7/8 x 11 7/8"	100 x 300mm	2 3/4" (70mm)
			3 7/8" (100mm)
4 x 8"	3 7/8 x 7 7/8"	100 x 200mm	2 3/8" (60mm)
			2 3/4" (70mm)
			3 1/8" (80mm)
3 x 12"	2 15/16 x 11 7/8"	75 x 300mm	3 7/8" (100mm)
2 3/8 x 9 1/2"	2 3/8 x 9 1/2"	60 x 240mm	2 3/8" (60mm)
			2 3/4" (70mm)
Load Lock™ - 12 x 24"	11 7/8 x 23 5/8"	300x 600mm	3 7/8" (100mm)
Load Lock™ - 12 x 12"	11 7/8 x 11 7/8"	300 x 300mm	3 7/8" (100mm)
Load Lock™ - 6 x 12"	5 15/16 x 11 7/8"	150 x 300mm	3 7/8" (100mm)
			6" (150mm)
Load Lock™ - 4 x 12"	3 7/8 x 11 7/8"	100 x 300mm	3 7/8" (100mm)
Metro™ - 5 x 10"	5 x 10"	127 x 254mm	2 3/4" (70mm)
Nordic Cobble™	3 5/8 x 3 3/4"	89.9 x 94mm	2 3/8" (60mm)
Trapezoid - 9 x 15"	9 x 15"	228 x 381mm	3 1/8" (80mm)
Hex™ - 8"	7 7/8 x 7 7/8"	200 x 200mm	2 3/4" (70mm)
Optiloc™	10 1/4 x 10 1/4"	260 x 260mm	3 1/8" (80mm)
Artline™ Platform	4 7/8 x 6 3/4 , 4 7/8 x 10 3/8, 4 7/8 x 13 3/8, 4 7/8 x 17 3/4, 7 1/2 x 8 7/8, 7 1/2 x 13 3/8, 7 1/2 x 17 3/4"	125 x 169, 125 x 262.5, 125 x 337.5, 125 x 450, 187.5 x 225, 187.5 x 337.5, 187.5 x 450mm	2 3/4" (70mm)
Metro™ Platform	5 x 10, 10 x 10, 10 x 15"	127 x 254, 254 x 254, 254 x 380mm	2 3/4" (70mm)
Random Platform 1	7 1/2 x 15, 15 x 15, 15 x 22 1/2"	190 x 380, 380 x 380, 380 x 570mm	2 3/8" (60mm)
			3 1/8" (80mm)
Random Platform 2	7 x 14, 14 x 14, 14 x 21"	180 x 360, 360 x 360, 360 x 540mm	2 3/8" (60mm)
			3 1/8" (80mm)
Tribeca Cobble™ Platform	5 x 6 3/8, 5 x 9, 5 x 12"	130 x 175, 130 x 230, 130 x 305mm	2 3/4" (70mm)

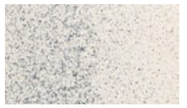
UNILOCK

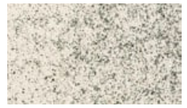
UMBRIANO®

COLORS


GRENADA WHITE (SRI 52 | SR 0.45)

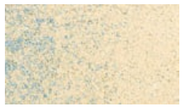

POLAR SKY

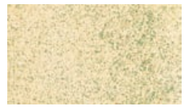

POLAR STORM

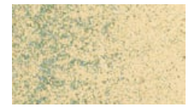

ARCTIC TUNDRA


WINTER MARVEL (SRI 38 | SR 0.35)


SUMMER WHEAT (SRI 42 | SR 0.48)

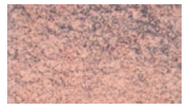

COASTAL SHORE

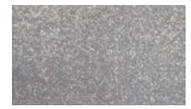

EMERALD BEACH

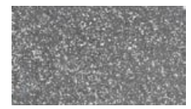

SANDY SEA GLASS

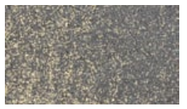

HARVEST BROWN


AUTUMN SUNSET (SRI 32 | SR 0.30)


SUMMER ROSE (SRI 28 | SR 0.27)


FRENCH GREY (SRI 17 | SR 0.18)


STARRY NIGHT


URBAN NIGHTFALL


MIDNIGHT SKY (SRI 15 | SR 0.17)

Colors may vary by plant of manufacture. Final product selection should be done with full size samples and mock-ups. Contact your Unilock Representative for details.

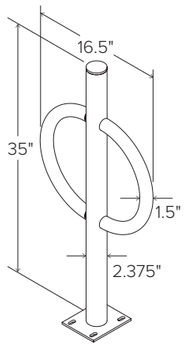
UNILOCK

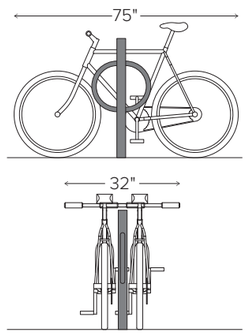
PRECAST CONCRETE PAVERS

**SRI HIGHER THAN 33 OR HIGHER NEEDED FOR COOL SCORE COMPLIANCE*

DERO | Bike Hitch™

Submittal Sheet





CAPACITY 2 Bikes

MATERIALS **Centerbeam:** 2" schedule 40 pipe (2.375" OD)
Ring: 1.5" OD 11 gauge tube

FINISHES

☐ **Galvanized**
An after fabrication hot dipped galvanized finish is our standard option.

☐ **Powder Coat**
Our powder coat finish assures a high level of adhesion and durability by following these steps:
1. Sandblast
2. Epoxy primer electrostatically applied
3. Final thick TGIC polyester powder coat

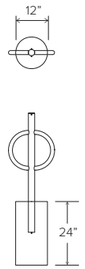
☐ **Stainless**
Stainless Steel: 304 grade stainless steel material finished in either a high polished shine or a satin finish.

MOUNT OPTIONS

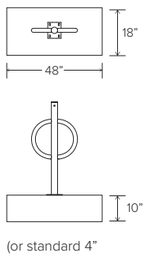
☐ **Surface**
Foot Mount has a 5" x 6" x .25" foot with four anchors per foot. Specify foot mount for this option. Tamper-resistant fasteners available upon request

☐ **In-Ground**
In-ground mount is embedded into concrete base. Specify in-ground mount for this option

IN-GROUND MOUNT



SURFACE MOUNT



(or standard 4" sidewalk slab)

©2022



EDGING SPECIFICATIONS

Lengths (ft.)
4 | 7 | 8 | 10 | 16

Thicknesses
14-gauge | 12-gauge | 1/8 in. | 3/16 in. | 1/4 in. | 3/8 in.

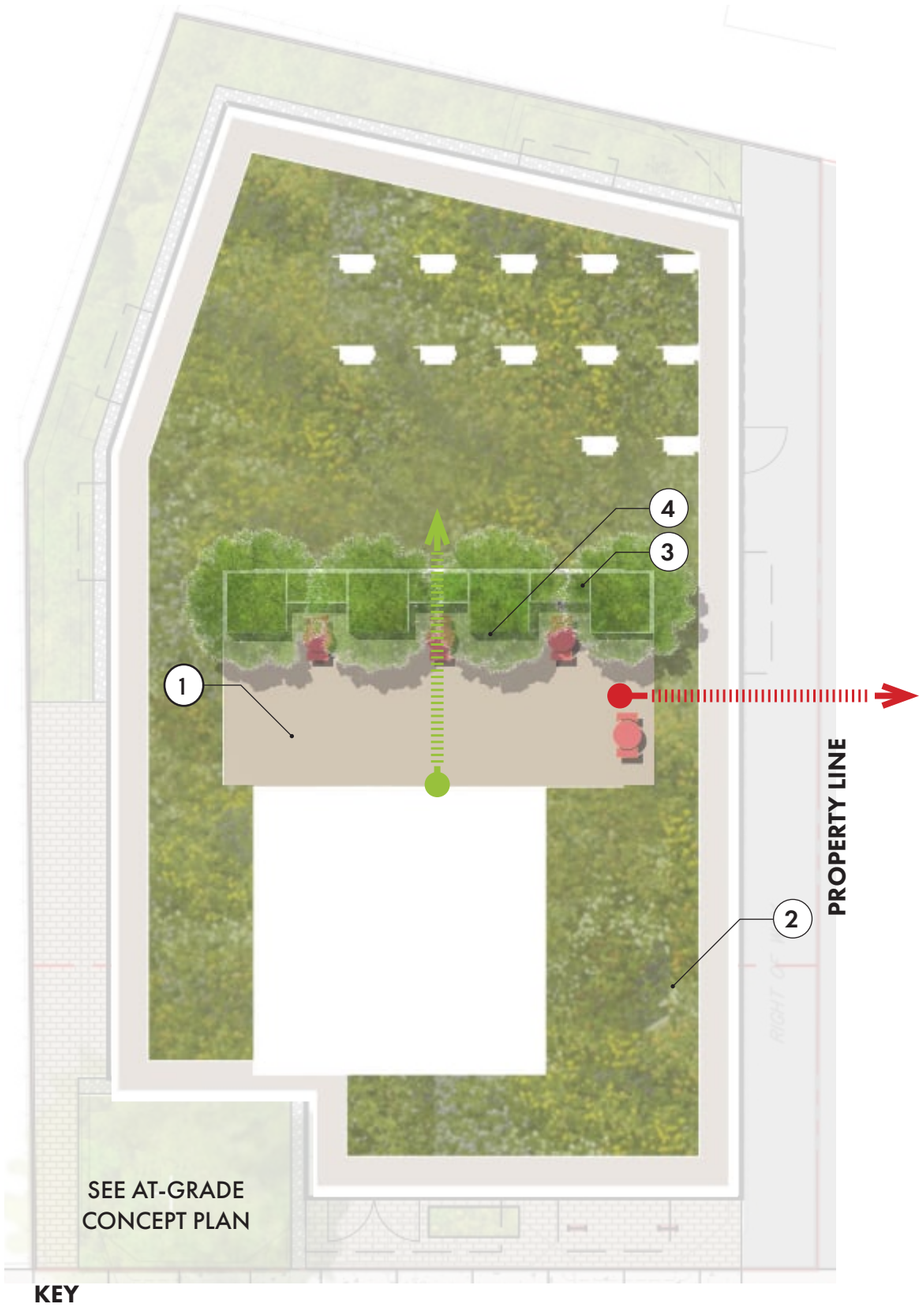
Heights (in.)
4 | 5 | 6 | 8

COLORS + FINISHES



BIKE RACKS

METAL EDGING

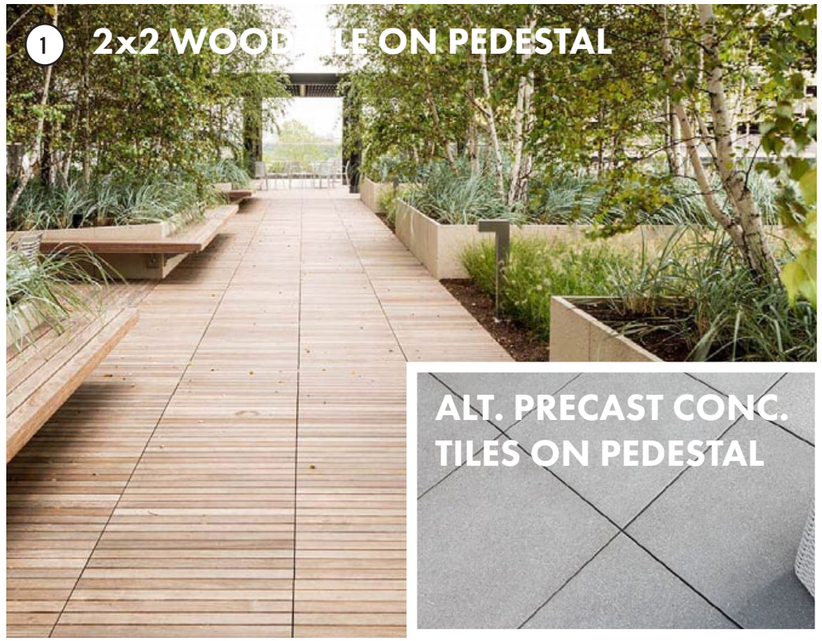


KEY

Views to Kendall Sq. / Boston

Planters to screen the equipment

MATERIALS PRECEDENT









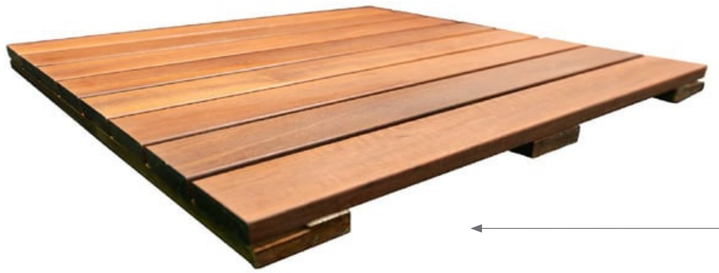
0′ 5′ 10′ 20′

SCALE = 1″ = 10′-0″

SKYVIEW™

CUMARU WOOD TILE

Wood brings a unique warmth and character to any project, and our SkyView Cumaru Wood Tiles are no exception. Sustainably harvested and 100% Lacey Act compliant, these 24" x 24" Cumaru Brazilian Teak tiles are stunning, slip-resistant and resilient. Their dense hardwood composition makes them perfect for use on SkyView pedestals, allowing for seamless integration into roof deck designs with a variety of complementary paving materials.



SKYVIEW CUMARU WOOD TILE
L: 23⅞", **W:** 23⅞", **H:** 1¹¹⁄₁₆"
L: 606 **W:** 606 **H:** 42.9mm

- **HIGH STRENGTH**
  Compressive Strength: 14,793 psi
  Janka Hardness: 3,540 lbs
- **DURABLE**
  Crafted from solid Cumaru wood, these tiles are resistant to decay, mold, and weathering. With minimal maintenance, they can last up to 50 years, ensuring beauty and performance.
- **FIRE RESISTANT**
  Engineered for safety, these tiles meet the ASTM E84-15a Class A Spread of Flame Test.
- **SMOOTH, SAFE SURFACE**
  With a fastener-free, smooth surface, these tiles offer resistance to splinters and slips, ensuring a safe and comfortable surface.
- **RESISTANCE TO WIND UPLIFT**
  Manufactured with kerf cuts on all four corners, these wood tiles accommodate a standard washer which can be used with our wind uplift system, creating an invisible tie-down mechanism that resists uplift pressures.

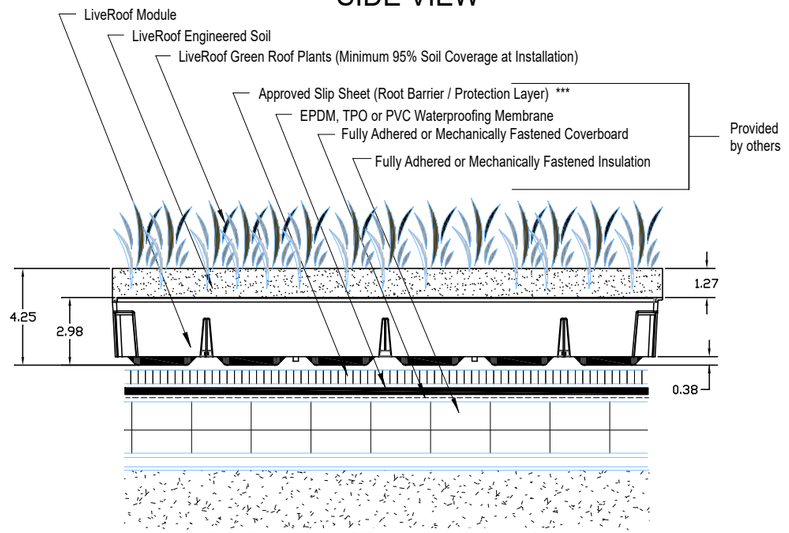
UNILOCK
TRANSFORMING HARDSCAPES

2x2 WOOD TILE ON PEDESTAL

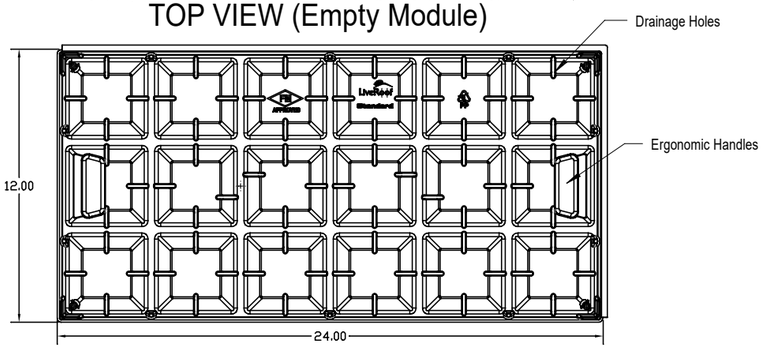
LiveRoof STANDARD SYSTEM

Over Conventional Roofing Assembly

SIDE VIEW



TOP VIEW (Empty Module)



*** Examples of commonly used slip sheet include minimum 40mil EPDM, TPO, PVC polypropylene, Polyolefin or other product depending type of roof and/or warranty. Installer to confirm compatibility of slip sheet and waterproofing membrane with waterproofing membrane manufacturer.

LiveRoof System Saturated Weight: 27-29 lbs / sf

NOT TO SCALE

STD Conventional
2022-11-8

ILLUSTRATIONS ARE TO CONCEPTUALLY ASSIST PROFESSIONALS IN DESIGNING LIVEROOF INSTALLATIONS. LIVEROOF DOES NOT ACCEPT RESPONSIBILITY FOR ENGINEERING BASED ON ILLUSTRATIONS. A QUALIFIED ROOFING SPECIALIST SHOULD BE CONSULTED TO DETERMINE APPROPRIATE WATERPROOFING AND ROOF DECK MATERIALS AND SUITABLE DESIGN.

LiveRoof, LLC
P.O. Box 533
Spring Lake, MI 49456

(800) 875-1392
www.liveroof.com

LiveRoof

SEDUM TRAYS

Tournesol



Wilshire Planters
FRP with Greenscreen® Trellis

An attractive, easy-to-install solution for creating privacy or hiding unattractive elements like building systems. Our lightweight FRP Fiberglass planter (available in all colors and textures) and Greenscreen® trellis, framed on top and sides, with vertical supports to fit in planter lip. Trellis available in various powder-coat colors.

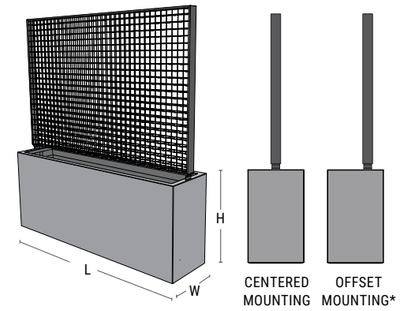
01.16.2026

Tournesol.com | 800.542.2282

Tournesol

Wilshire Planters, FRP with Greenscreen® Trellis

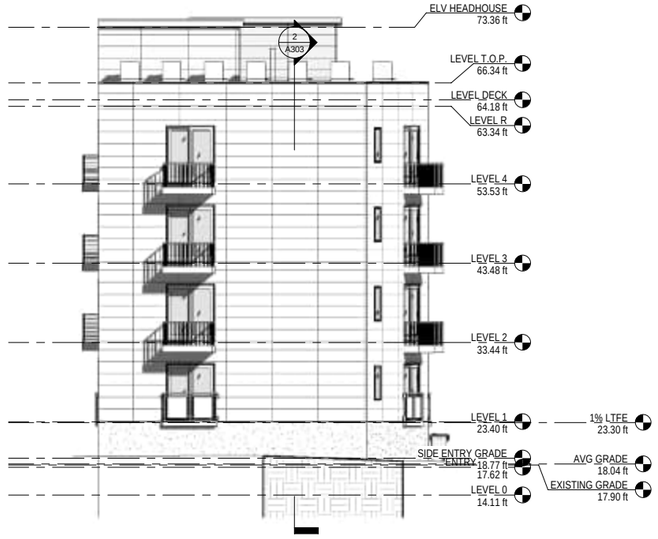
- Durable, lightweight FRP planter with powder-coated Greenscreen® trellis. 2"W x 2"L x 3"D grid.
- Trellis vertical supports fit into planter lip and are secured with discrete stainless-steel fasteners.
- Trellis is framed on top and sides and extends to planter edge so adjacent planters form a seamless trellis wall.
- Select a Greenscreen Trellis color in addition to a FRP color and texture. Drain holes available upon request.



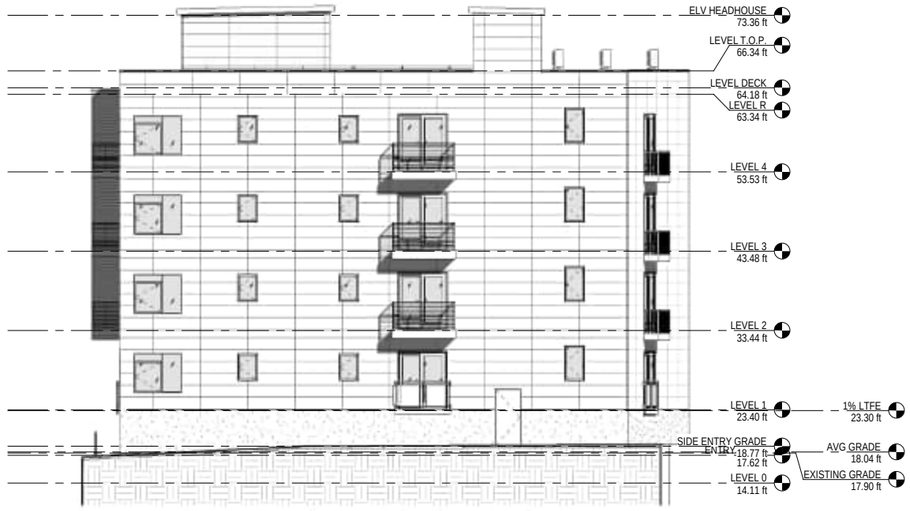
* Add "-X" after product number to indicate optional offset mounting.

PRODUCT	LENGTH	WIDTH	HEIGHT OF PLANTER	TOTAL HEIGHT WITH TRELLIS	WEIGHT (LBS.)	VOLUME (CUBIC FT.)	IRRIGATION
WX2-481824-74	48"	18"	24"	74"	101	11.5	CWM-R1620-2k
WX2-481830-80	48"	18"	30"	80"	111	17.3	CWM-R1620-2k
WX2-481836-86	48"	18"	36"	86"	122	23.1	CWM-R1620-2k
WX2-482424-74	48"	24"	24"	74"	109	13.5	CWM-R1620-2k
WX2-482430-80	48"	24"	30"	80"	121	20.2	CWM-R1620-2k
WX2-482436-86	48"	24"	36"	86"	132	27	CWM-R1620-2k
WX2-721824-74	72"	18"	24"	74"	133	13.5	CWM-R1620-3k
WX2-721830-80	72"	18"	30"	80"	148	25.5	CWM-R1620-3k
WX2-721836-86	72"	18"	36"	86"	122	34	CWM-R1620-3k
WX2-722424-74	72"	24"	24"	74"	144	15	CWM-R1620-3k
WX2-722430-80	72"	24"	30"	80"	159	22.6	CWM-R1620-3k
WX2-722436-86	72"	24"	36"	86"	175	30.1	CWM-R1620-3k
WX2-961824-74	96"	18"	24"	74"	166	18.8	CWM-R1620-4k
WX2-961830-80	96"	18"	30"	80"	185	28.2	CWM-R1620-3k
WX2-961836-86	96"	18"	36"	86"	203	37.7	CWM-R1620-4k
WX2-962424-74	96"	24"	24"	74"	178	23.3	CWM-R1620-4k
WX2-962430-80	96"	24"	30"	80"	198	35	CWM-R1620-4k
WX2-962436-86	96"	24"	36"	86"	218	46.7	CWM-R1620-4k

METAL PLANTERS **VARIOUS SIZES SPECIFIED*



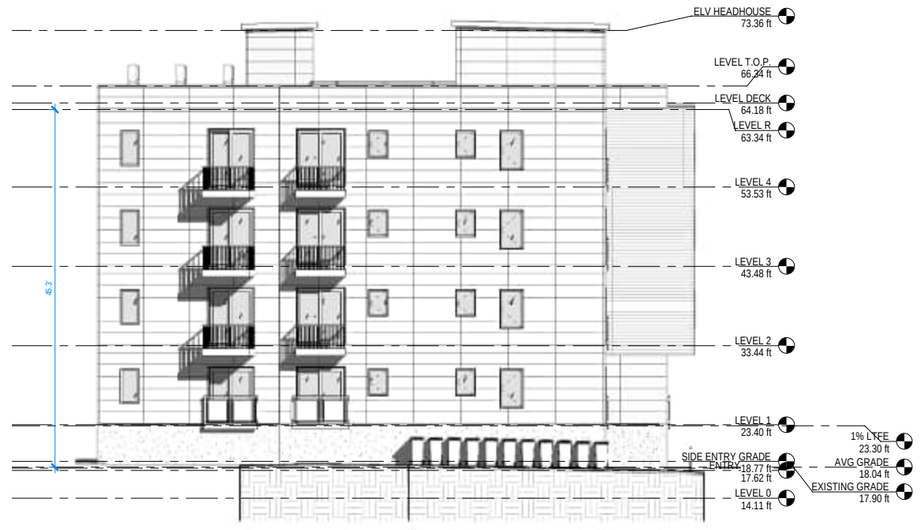
2 BUILDING ELEVATION NORTH, PROPOSED
1/8" = 1'-0"



1 BUILDING ELEVATION EAST, PROPOSED
1/8" = 1'-0"



3 BUILDING ELEVATION SOUTH, PROPOSED
1/8" = 1'-0"



4 BUILDING ELEVATION WEST, PROPOSED
1/8" = 1'-0"

HEXI

Architect:
HEXI, LLC

34 Commerce Way
Ste B255
Woburn, MA 01801

CONSULTANTS:

Structural Engineer

Agile Engineering llc
188 South St
Quincy, MA 02169

MEPFP ENGINEER

Zade Associates llc
1 Billings Rd
Quincy, MA, 02171

CODE CONSULTANT

1507 Inc.
46 Grampian Way
Dorchester, MA 02125

NEW CONDOMINIUM DEVELOPMENT

103-109 SCHOOL ST CAMBRIDGE LLC

103-109 SCHOOL ST
CAMBRIDGE, MA

PROGRESS SET

PROJECT NUMBER 89-00-103

NO.	DESCRIPTION	DATE

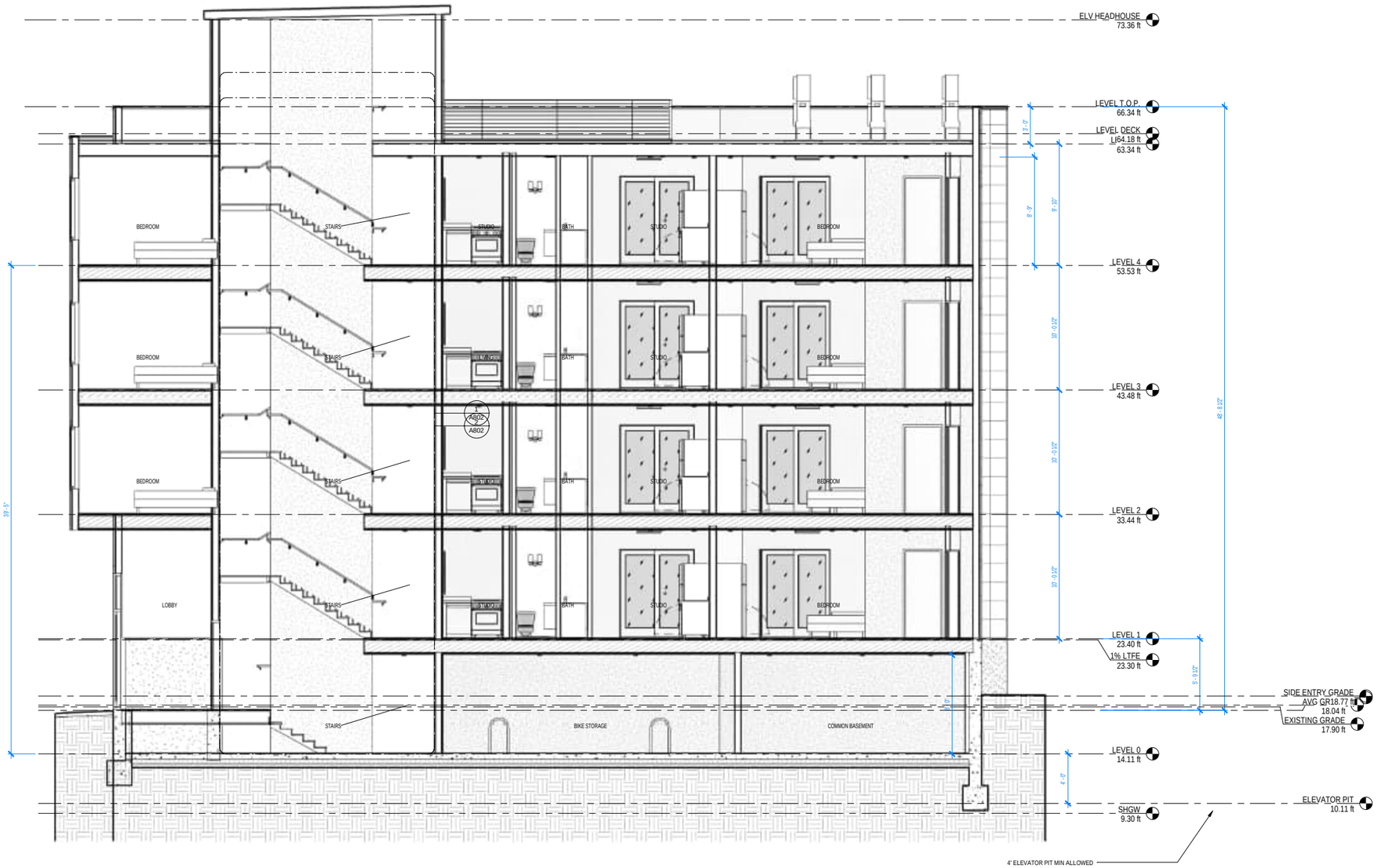
KEY PLAN

SEAL

DRAWN BY	BL, DY
CHECKED BY	DY
SHEET ISSUE DATE	11/10/2026
SCALE	1/8" = 1'-0"

SHEET NAME
ELEVATIONS

A301



2 BUILDING SECTION E-S 1, PROPOSED
1/4" = 1'-0"

HEXI

Architect:
HEXI, LLC

34 Commerce Way
Ste B255
Woburn, MA 01801

CONSULTANTS:

Structural Engineer

Agile Engineering llc
188 South St
Quincy, MA 02169

MEPFP ENGINEER

Zade Associates llc
1 Billings Rd
Quincy, MA, 02171

CODE CONSULTANT

1507 Inc.
46 Grampian Way
Dorchester, MA 02125

NEW CONDOMINIUM DEVELOPMENT

103-109 SCHOOL ST CAMBRIDGE LLC

103-109 SCHOOL ST
CAMBRIDGE, MA

PROGRESS SET

PROJECT NUMBER 89-00-103

NO.	DESCRIPTION	DATE

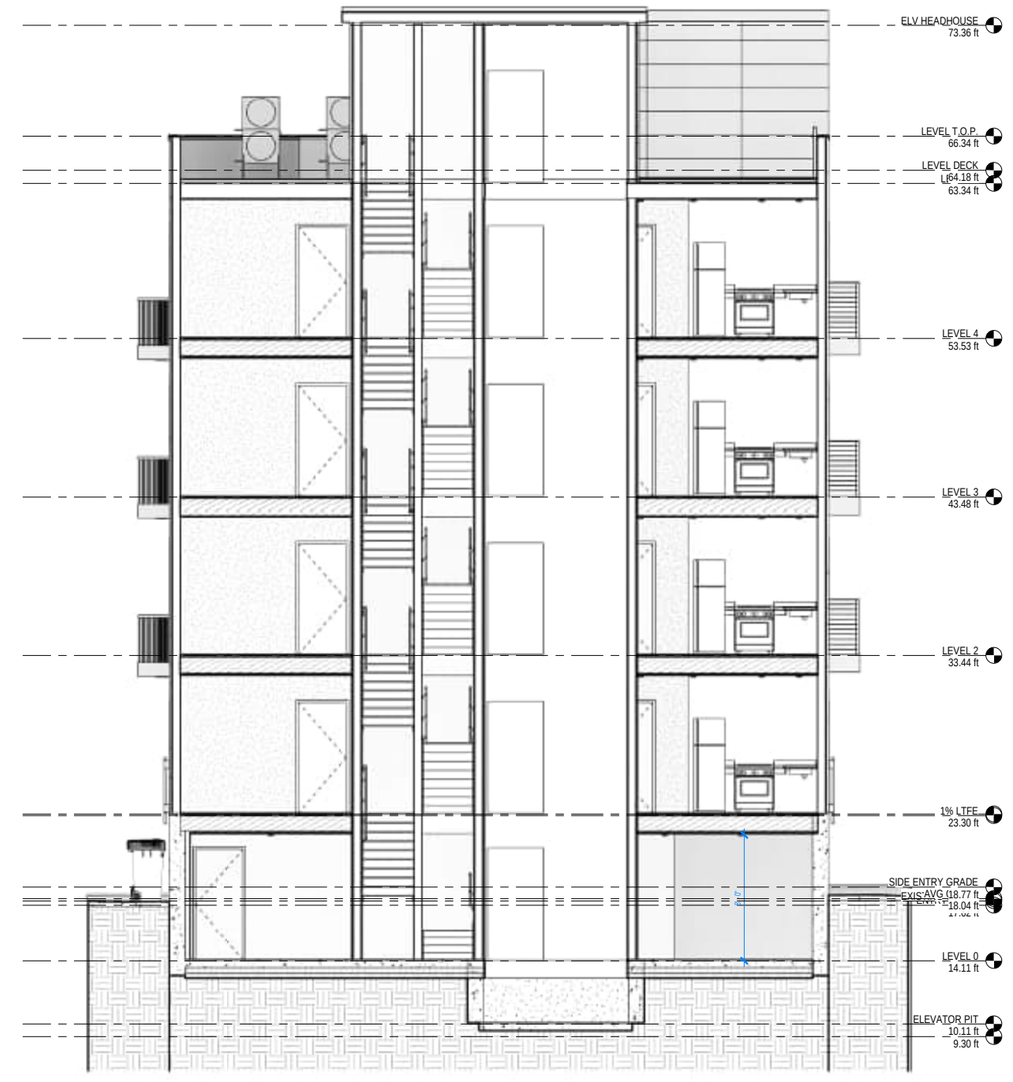
KEY PLAN

SEAL

DRAWN BY	BL, DY
CHECKED BY	DY
SHEET ISSUE DATE	11/10/2026
SCALE	1/4" = 1'-0"

SHEET NAME
SECTIONS

A303



1 Section 10
1/4" = 1'-0"

HEXI

Architect:
HEXI, LLC

34 Commerce Way
Ste B255
Woburn, MA 01801

CONSULTANTS:

Structural Engineer

Agile Engineering llc
188 South St
Quincy, MA 02169

MEPFP ENGINEER

Zade Associates llc
1 Billings Rd
Quincy, MA, 02171

CODE CONSULTANT

1507 Inc.
46 Grampian Way
Dorchester, MA 02125

NEW CONDOMINIUM DEVELOPMENT

103-109 SCHOOL ST CAMBRIDGE LLC

103-109 SCHOOL ST
CAMBRIDGE, MA

PROGRESS SET

PROJECT NUMBER 89-00-103

NO.	DESCRIPTION	DATE

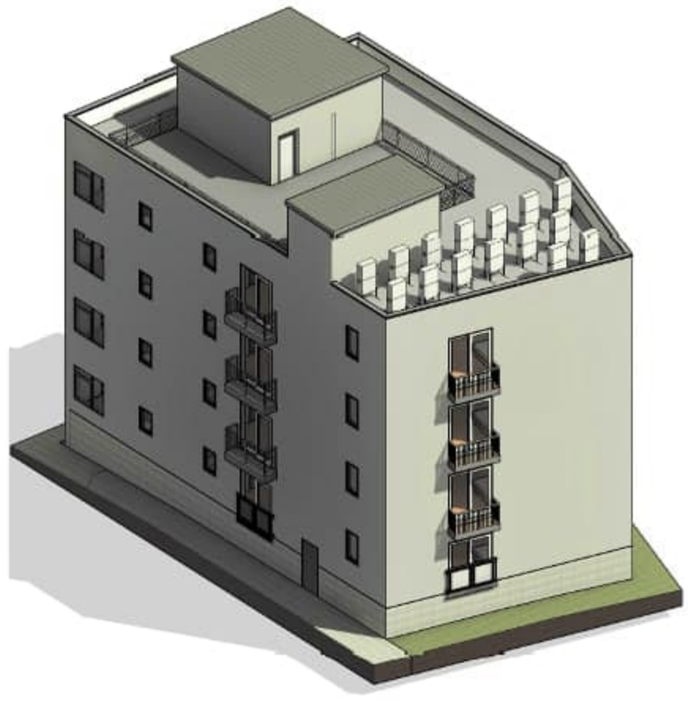
KEY PLAN

SEAL

DRAWN BY	BL, DY
CHECKED BY	DY
SHEET ISSUE DATE	11/10/2026
SCALE	1/4" = 1'-0"

SHEET NAME
SECTIONS

A304



2 AXON VIEW 1, PROPOSED



1 AXON VIEW 2, PROPOSED

HEXI

Architect:
HEXI, LLC

34 Commerce Way
Ste B255
Woburn, MA 01801

CONSULTANTS:

Structural Engineer

Agile Engineering llc
188 South St
Quincy, MA 02169

MEPFP ENGINEER

Zade Associates llc
1 Billings Rd
Quincy, MA, 02171

CODE CONSULTANT

1507 Inc.
46 Grampian Way
Dorchester, MA 02125

NEW CONDOMINIUM DEVELOPMENT

103-109 SCHOOL ST CAMBRIDGE LLC

103-109 SCHOOL ST
CAMBRIDGE, MA

PROGRESS SET

PROJECT NUMBER	89-00-103

NO.	DESCRIPTION	DATE

KEY PLAN

SEAL

DRAWN BY	BL, DY
CHECKED BY	DY
SHEET ISSUE DATE	11/10/2026
SCALE	

SHEET NAME
AXONS

A310