McDERMOTT QUILTY & MILLER LLP

28 STATE STREET, SUITE 802 BOSTON, MA 02109

Via Electronic Mail (sascott@cambridgema.gov)

Central Square Advisory Committee C/o Sarah Scott, Associate Zoning Planner 344 Broadway Cambridge, MA 02139

RE: 18 Pleasant Street, Cambridge – Demolition of Existing Structure and Construction of Six (6) Residential Units

Ms. Scott,

Our office represents Kinvarra Capital, LLC (the "Applicant") in connection with their redevelopment of the site located at 18 Pleasant Street (the "Premises") in Cambridge's Central Square Neighborhood. The Applicant proposes to demolish the existing structure at the Premises and construct a new four (4) story zoning complaint structure containing six (6) residential units (the "Project"). Due to the age of the existing structure at the Premises, the Project has been through an extensive review by the Cambridge Historical Commission (the "CHC") and received their approval to demolish the existing structure and replace it with a building as described in the plans and using the materials reviewed at the CHC's May 5, 2022 hearing enclosed herewith.

The Premises is located in a Business A (BA) Zoning District and the Central Square Overlay District. Residential structures in a BA district are required to comply with the dimensional requirements for dwellings in a Residence C-2B District. Please see the dimensional regulations table below:

Dimensional Regulations¹:

	BA District (per 5.33.1)	Res C-2B (per 5.31.1)	Central Square Overlay District ²
Min. Lot Size	None	5,000	
Min Lot Area Per	600	600	
DU			
Min Lot Width	None	50	
Max FAR	1.00 (non-res	1.75	
	Use)/1.75 (res use)		

¹ 5.28.1.a: "A dwelling in a Business A district shall be subject to the same dimensional requirements and other restrictions as a dwelling in a Residence C-2B district, ..."

² 20.304.2.1(a) - Where the base Zoning is more restrictive, that shall apply

Max Building Height	35 (non-res use)/45 to	45 ft.	55 ft.
	65 ft. (res use)		
Ratio of Min Private	None	15%	
OS to Lot Area			
Min Front Yard	None	(H+L)/4	
Min Side Yard	None	(H+L)/5	
Min Rear Yard	(H+L)/5 or at least	(H+L)/4 or at least 20	
	20 ft.	ft	
Off-Street Parking		Min - 1.0 per DU	Min - 0.50 pre DU
		_	Max – 0.75 per DU

As stated above, the Project has been designed to comply with the City's Zoning Ordinance dimensional requirements, taking advantage of any applicable bonuses allowed under the Ordinance. It meets all setback, F.A.R., Private Open Space and Building Height requirements. Additionally, the Project proposed three (3) off-street parking spaces complies with the Ordinance's minimum number required of 0.50 spaces per dwelling unit. The Project's proposed dimensions are listed below and can be seen on sheet A-020 of the project plans.

Proposed Dimensions:

Lot Size	4,260 sq. ft.
Min Lot Area Per	3,600 sq. ft.
DU	
Min Lot Width	60 ft.
Max FAR	1.75
Max Building Height	40 ft.
Ratio of Min Private	18%
OS to Lot Area	
Min Front Yard	10 ft.
Min Side Yard	11 ft. 4 in./11 ft. 2 in.
Min Rear Yard	N/A
Off-Street Parking	3 Spaces

The Project proposes a six (6) unit structure. This will add high quality without displacement. The six (6) units are one-, two- and three-bedroom units ranging in size from 528 sf to 1,671 sf. Specifically, their makeup is:

- <u>Unit 1</u>: A one bedroom unit consisting of 528 sf on the first floor;
- <u>Unit 2</u>: A two-bedroom unit consisting of 717 sf on the first floor;
- Unit 3: A two-bedroom unit consisting of 759 sf on the second floor;
- Unit 4: A two-bedroom unit consisting of 701 sf on the Second floor;
- <u>Unit 5</u>: A three-bedroom unit with a study consisting of 1,671 sf on the third and four floors; and
- <u>Unit 6</u>: A three-bedroom unit consisting of 1,371 sf on the third and four floors.

Central Square Advisory Committee Page 3 of 3

The Functional Green Roof (the "Roof") area is 1,150 sf. The Applicant will be responsible for the initial installation and care for the Roof in accordance with the recommendations of the installer including watering, fertilization and weeding as required. The Roof will then be monitored, watered and weed as needed and fertilized as recommended. Once the units have been sold the association will then be responsible for the ongoing upkeep of the Roof as recommended by the installer. The association will be educated on the care of the Roof and given options for care and upkeep.

After reviewing the Premises (address id 31,782) in the "Cambridge FloodViewer 2022" it does not appear to be impacted by any of the Flooding Scenarios, Including the FEMA 100-year and 500-year Flood Zones.

Thank you for your time and attention to this matter. We look forward to presenting to the Project to the Central Square Advisory Committee. Please do not hesitate to contact me with any questions or concerns.

Sincerely,

Thomas P Miller

Thomas P. Miller, Esq.

Enclosures

Project Address: 18 Pleasant Street

Application Date:

	Existing	Allowed or Required (max/min)	Proposed	Permitted
Lot Area (sq ft)	4,260	5,000	4,260	
Lot Width (ft)	60	50	60	
Total Gross Floor Area (sq ft)	3,087	7,458	7,434	
Residential Base				
Non-Residential Base	n/a	n/a	n/a	
Inclusionary Housing Bonus	n/a	n/a	n/a	
Total Floor Area Ratio	.72	1.75	1.75	
Residential Base		1.75	1.75	
Non-Residential Base		1.00	1.75	
Inclusionary Housing Bonus	n/a	n/a	n/a	
Total Dwelling Units	1	7	6	
Base Units	1	7	6	
Inclusionary Bonus Units	n/a	n/a	n/a	
Base Lot Area / Unit (sq ft)	1	7	6	
Total Lot Area / Unit (sq ft)	1	7	6	
Building Height(s) (ft)	35	55	40	
Front Yard Setback (ft)	18.5/3.6	10	10	
Side Yard Setback (ft)	0	10	11.4	
Side Yard Setback (ft)	0.1	10	11.2	
Rear Yard Setback (ft)	n/a	n/a	n/a	
Open Space (% of Lot Area)	55	n/a	43.8	
Private Open Space	n/a	15%	23%	
Permeable Open Space	n/a	n/a	n/a	
Other Open Space (Specify)	n/a	n/a	n/a	
Off-Street Parking Spaces	4	3	3	
Long-Term Bicycle Parking	0	6	7	
Short-Term Bicycle Parking	0	1	1	
Loading Bays	0	0	0	

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

ARCHITECTURAL DRAWING LIST			
Sheet			
Number	Sheet Name	Sheet Issue Date	
0-Cover			
A-000	COVER SHEET	5/13/2022	
1-Civil			
C-1	CIVIL PLAN	12/14/2021	
C-2	DETAILS	12/14/2021	
C-3	DETAILS	12/14/2021	
C-4	EROSION CONTROL & DEMOLITION PLAN	12/14/2021	
2-Landscape	9		
L-1	LANDSCAPE PLAN	11/5/2021	
3-Architectu	ral	,	
A-020	ARCHITECTURAL SITE PLAN	5/13/2022	
A-021	FAR PLANS	5/13/2022	
A-100	BASEMENT FLOOR PLAN	5/13/2022	
A-102	3RD & 4TH FLOOR PLAN	5/13/2022	
A-103	ROOF PLAN	5/13/2022	
A-300	ELEVATIONS	5/13/2022	
A-304	PERSPECTIVES	5/13/2022	
AV-1	EXISTING TO BE DEMOLISHED	4/28/2022	
AV-2	STREET RENDERING	4/28/2022	
AV-3	STREET RENDERING	4/28/2022	
AV-4	DESIGN CONTEXT DIAGRAM	4/28/2022	
AV-5	NEIGHBORHOOD CONTEXT DIAGRAMS	4/28/2022	
AV-6	SHADOW STUDY	4/28/2022	
AV-7	DESIGN SCHEME COMPARISON	4/28/2022	
AV-8	DESIGN SCHEME COMPARISON	4/28/2022	
AV-9	DESIGN SCHEME COMPARISON	4/28/2022	

LOCUS MAP





PROJECT: 18 PLEASANT ST, CAMBRIDGE MA

PROPOSED RESIDENTIAL DEVELOPMENT

ARCHITECT

KHALSA DESIGN INC. ADDRESS: 17 IVALOO STREET, SUITE 400

SOMERVILLE, MA 02143

OWNER
RYAN WITTIG
KIVARRA CAPITOL

CIVIL ENGINEER

SPRUHAN ENGINEERING, P.C.

ADDRESS:

80 JEWETTT ST, SUITE 1

NEWTON, MA 02458

LANDSCAPE ARCHITECT

VERDANT
ADDRESS:
318 HARVARD STREET, SUITE 25
BROOKLINE, MA 02446

SD SET 5-13-2022 18 PLEASANT ST
PROJECT ADDRESS
18 PLEASANT ST.

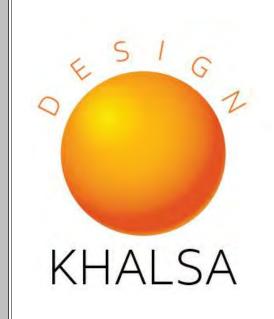
CAMBRIDGE, MA

CLIENT

PROJECT NAME

RYAN WITTIG

ARCHITECT



17 IVALOO STREET SUITE 400 SOMERVILLE, MA 02143 TELEPHONE: 617-591-8682

CONSULTANTS:

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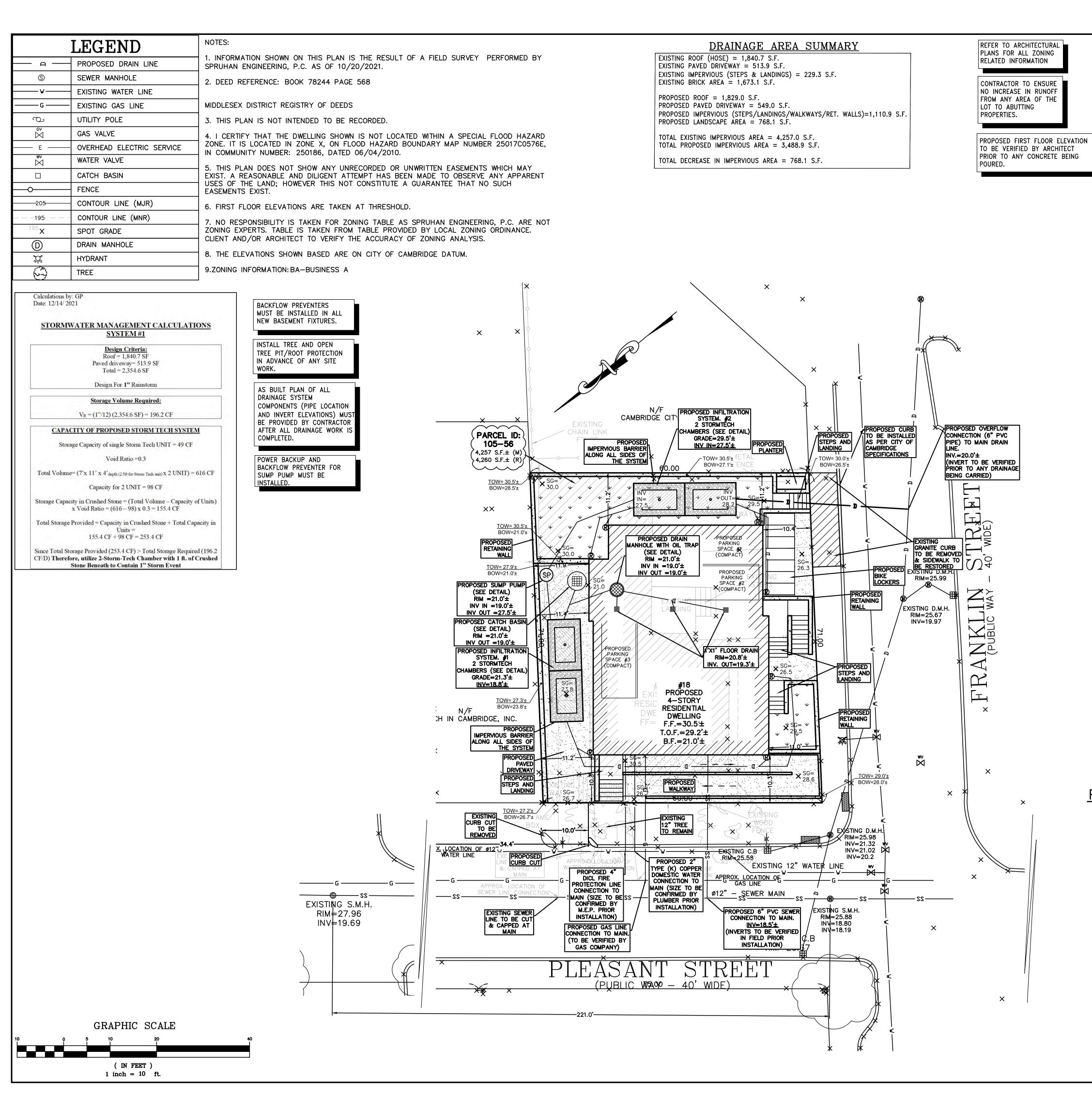
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No.	Description	Date	

COVER SHEET

A-00018 PLEASANT ST

SUBJECT PROPERTY -

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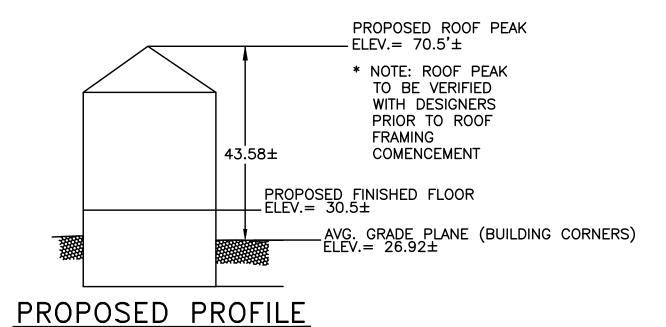


GENERAL NOTES

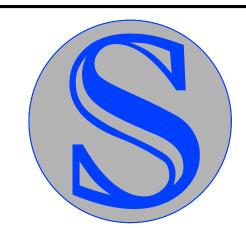
1. THE CONTRACTOR SHALL REPORT TO THE OWNER AND ENGINEER OF ANY SIGNIFICANT VARIATIONS IN EXISTING SITE CONDITIONS FROM THOSE SHOWN ON THESE PLANS. ANY PROPOSED REVISIONS TO THE WORK, IF REQUIRED BY THESE SITE CONDITIONS, SHALL NOT BE UNDERTAKEN UNTIL REVIEWED AND APPROVED BY THE OWNER AND THE ENGINEER.

 IN ORDER TO PROTECT THE PUBLIC SAFETY DURING CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING AND MAINTAINING AT ALL TIMES ALL NECESSARY SAFETY DEVICES AND PERSONNEL, WARNING LIGHTS, BARRICADES, AND POLICE OFFICERS.

- 3. ALL WORK SHALL CONFORM TO CITY OF CAMBRIDGE GENERAL CONSTRUCTION STANDARDS.
- 4. THE CONTRACTOR SHALL REGULARLY INSPECT THE PERIMETER OF THE PROPERTY TO CLEAN UP AND REMOVE LOOSE CONSTRUCTION DEBRIS BEFORE IT LEAVES THE SITE. ALL DEMOLITION DEBRIS SHALL BE PROMPTLY REMOVED FROM THE SITE TO A LEGAL DUMP SITE. ALL TRUCKS LEAVING THE SITE SHALL BE COVERED.
- 5. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSTITUTE EROSION CONTROL MEASURES ON AN AS NECESSARY BASIS, SUCH THAT EXCESSIVE SOIL EROSION DOES NOT OCCUR.
- 6. THE LOCATION OF UNDERGROUND UTILITIES AS REPRESENTED ON THESE PLANS IS BASED UPON PLANS AND INFORMATION PROVIDED BY THE RESPECTIVE UTILITY COMPANIES OR MUNICIPAL DEPARTMENTS SUPPLEMENTED BY FIELD IDENTIFICATION WHEREVER POSSIBLE. NO WARRANTY IS MADE AS TO THE ACCURACY OF THESE LOCATIONS OR THAT ALL UNDERGROUND UTILITIES ARE SHOWN. THE CONTRACTOR SHALL CONTRACT DIG SAFE AT LEAST 72 HOURS PRIOR TO THE START OF CONSTRUCTION. DIG SAFE TELEPHONE NUMBER IS 1-800-322-4844.
- 7. THE CONTRACTOR SHALL VERIFY THE LOCATION, SIZE AND DEPTH OF EXISTING UTILITIES PRIOR TO TAPPING INTO, CROSSING OR EXTENDING THEM. IF THE NEW WORK POSES A CONFLICT WITH EXISTING UTILITIES, THE ENGINEER SHALL BE NOTIFIED PRIOR TO THE CONTRACTOR CONTINUING.
- 8. NO LEDGE, BOULDERS, OR OTHER UNYIELDING MATERIALS ARE TO BE LEFT WITHIN 6" OF THE WATER IN THE TRENCH, NOR ARE THEY TO BE USED FOR BACKFILL FOR THE FIRST 12" ABOVE THE PIPES.
- 9. PAVEMENT AREA SHALL BE PAVED TO A THICKNESS AS SHOWN ON THE PLANS MEASURED AFTER COMPACTION, WITH A BINDER COURSE AND TOP COURSE OF CLASS I BITUMINOUS CONCRETE PAVEMENT, TYPE I-1.
- 10. BASE MATERIAL SHALL BE CLEAN BANK RUN GRAVEL, CONFORMING TO M.D.P.W. M1.03.1 WITH NO STONES LARGER THAN THREE (3) INCHES IN DIAMETER AND SHALL BE PLACED AND ROLLED WITH AT LEAST A TEN TON ROLLER. THE SURFACES SHALL BE WET DURING ROLLING TO BIND THE MATERIAL. ALL STONES OF 4" DIAMETER OR LARGER SHALL BE REMOVED FROM THE SUB-BASE PRIOR TO PLACING BASE MATERIAL.
- 11. ALL EXISTING PAVING TO BE DISTURBED SHALL BE CUT ALONG A STRAIGHT LINE THROUGH ITS ENTIRE THICKNESS. BUTT THE NEW PAVING INTO THE EXISTING PAVEMENT TO REMAIN.
- 12. ANY PAVEMENT REMOVED FOR UTILITY TRENCH EXCAVATION OR OTHERWISE DAMAGED DURING CONSTRUCTION SHALL BE REPLACED WITH A PAVEMENT SECTION CONSISTING OF TWO-2" LIFTS OF BINDER BELOW A 2" TOP COURSE OF ASPHALT "SEE DETAIL".
- 13. THE CONTRACTOR SHALL APPLY FOR A STREET OPENING AND UTILITY CONNECTION PERMITS AND SIDEWALK CROSSING PERMIT WITH THE CITY OF CAMBRIDGE DPW.
- 14. CONTRACTOR TO ENSURE THAT ALL SURFACE WATER IS DIVERTED AWAY FROM BUILDING FOUNDATION DURING FINAL GRADING.
- 15. CONTRACTOR MUST AIR SPADE FOR ROOTS PRIOR TO EXCAVATION AND TUNNEL BENEATH ANY ROOTS TO INSTALL NEW DRAIN AND SEWER. CONTACT AND SCHEDULE DPW IN ADVANCE OF AIR SPADING.
- 16. CITY OF CAMBRIDGE DPW EXCAVATION PERMIT IS REQUIRED IN ADVANCE OF ALL ON SITE UTILITY WORK AND UTILITY WORK IN CITY'S RIGHT OF WAY.



NOT TO SCALE



Spruhan Engineering, P.C.

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18 PLEASANT ST,

CAMBRIDGE,

MASSACHUSETTS

CIVIL PLAN

REVISION BLOCK

DESCRIPTION

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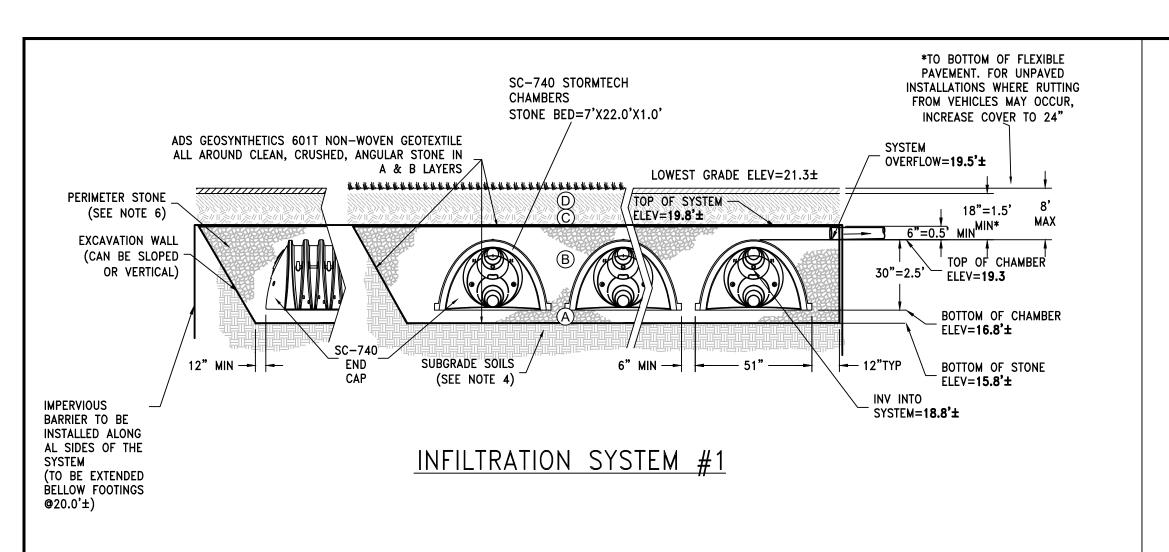
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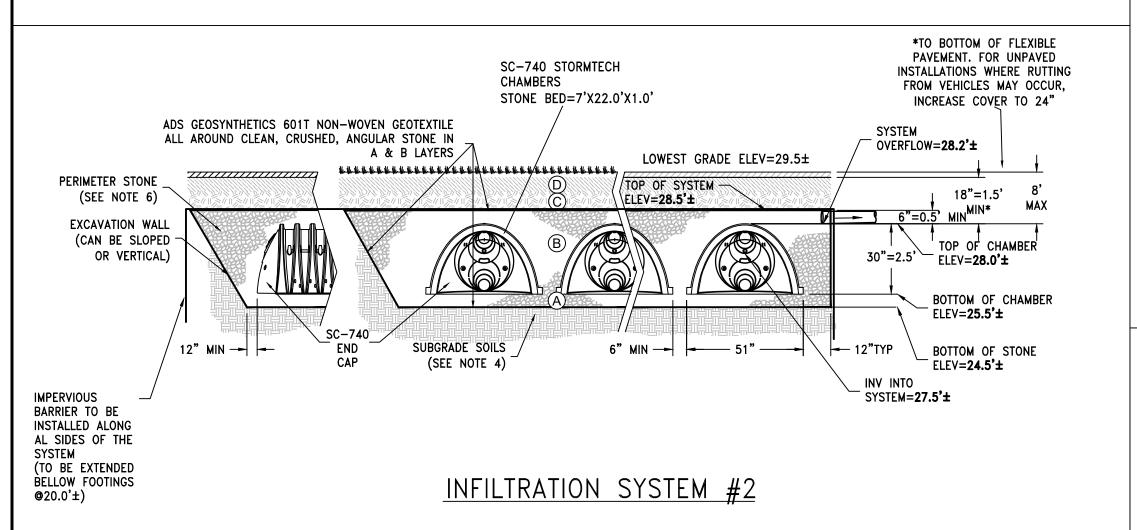
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APPROVED BY: E.S

CIVIL PLAN

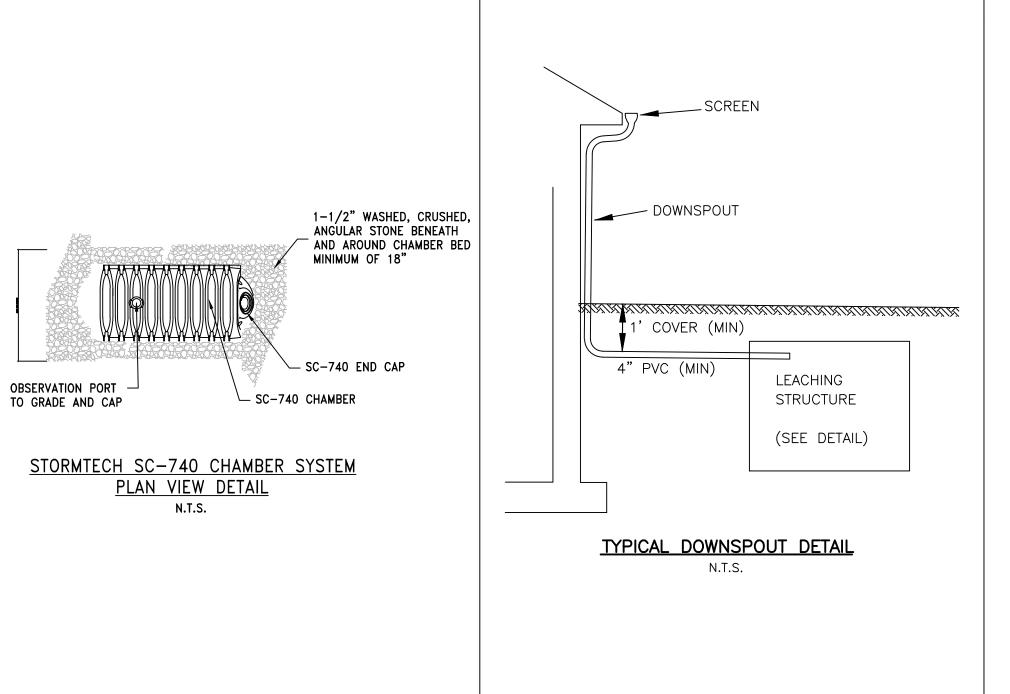
SHEET 1 OF 4





NOTES:

- 1. SC-740 CHAMBERS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F2418 "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS", OR ASTM F2922 "STANDARD SPECIFICATION FOR POLYETHYLENE (PE) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
- 2. SC-740 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
- 3. "ACCEPTABLE FILL MATERIALS" TABLE ABOVE PROVIDES MATERIAL LOCATIONS, DESCRIPTIONS, GRADATIONS, AND COMPACTION REQUIREMENTS FOR FOUNDATION, EMBEDMENT, AND FILL MATERIALS.
- 4. 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.
- 5. PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.
- 6. 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.



ACCEPTABLE FILL MATERIALS: STORMTECH SC-740 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.		PREPARE PER SITE DESIGN ENGINEER'S PLANS. PAYED 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 18" (450 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' A-1, A-2-4, A-3 OR AASHTO M43' 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	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	AASHTO M43 ¹ 3, 357, 4, 467, 5, 56, 57	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE. 2 3

PLEASE NOTE:

♥ GROUND LEVEL

→ +0.40 LOW LEVEL STOP

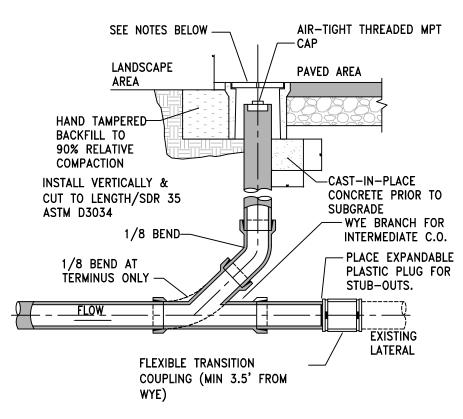
 ∇ +0.00 BOTTOM OF TANK

→ +1.00 2nd HIGH LEVEL START PUMP NO. 2

 ∇ +0.60 1st HIGH LEVEL START PUMP NO. 1

- 1. 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".
- 2. 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.
- 3. WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION EQUIPMENT. FOR SPECIAL LOAD DESIGNS, CONTACT STORMTECH FOR COMPACTION REQUIREMENTS.

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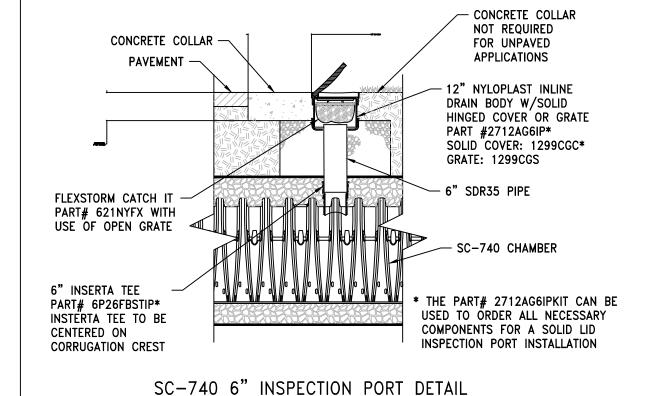


NOTES:

- 1. RECTANGULAR OR CIRCULAR BOXES ARE PERMITTED.
- 2. CONCRETE/FIBERLYTE LIDS ARE ACCEPTABLE IN NON-VEHICULAR AREAS. H-20 CAST IRON TRAFFIC LIDS AND BOXES IN VEHICULAR AREAS.
- 3. ALL CLEANOUT LIDS SHALL BE MARKED WITH AN "S" OR THE WORD "SEWER" FOR SANITARY SEWER CLEANOUTS
- 4. CLEANOUT PIPE SHALL BE THE SAME DIAMETER AS THE CONNECTED SITE PIPE.
- 5. TERMINATE C.O. AT CLOSEST JOINT TO SURFACE WITH TEMPORARY PLUG. AFTER ALL BACKFILL IS COMPLETE AND SUB-GRADE MADE IN AREAS TO BE PAVED, THE FINAL RISER PIPE AND BOX SHALL BE INSTALLED AS SHOWN.

CLEANOUT TO GRADE

NTS



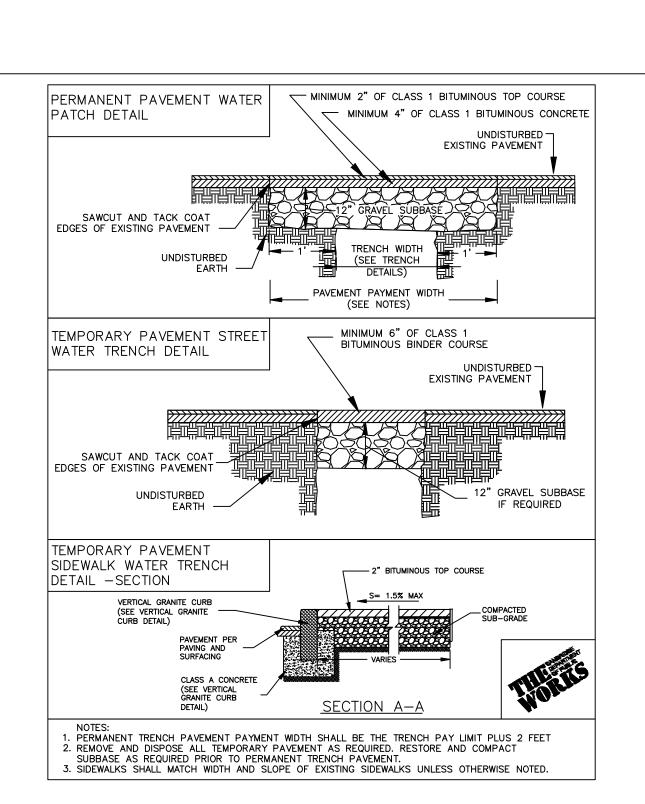
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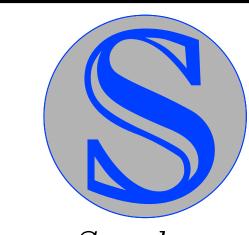
—GUIDE RAIL (STAINLESS STEEL)

-FLEXIBLE CONNECTION

MERCURY LEVEL SENSOR

TYPICAL SUMP PUMP DETAIL





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Email:espruhan@gmail.com

18 PLEASANT ST, CAMBRIDGE, MASSACHUSETTS

CIVIL PLAN

REVISION BLOCK

BY	DESCRIPTION	DATE

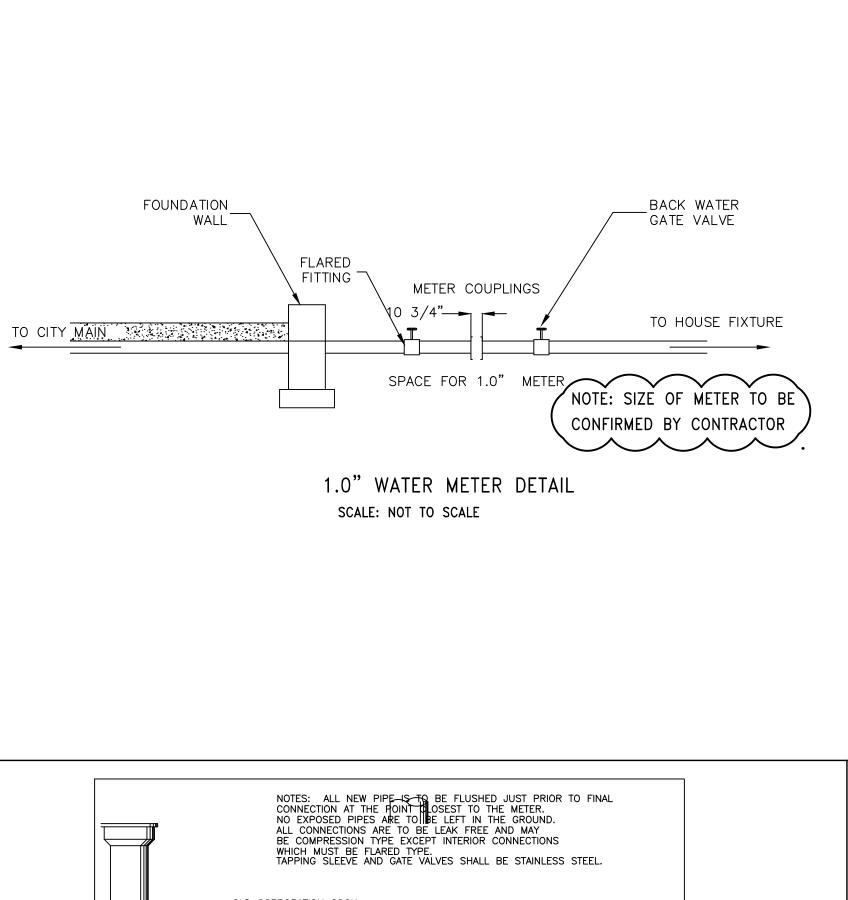
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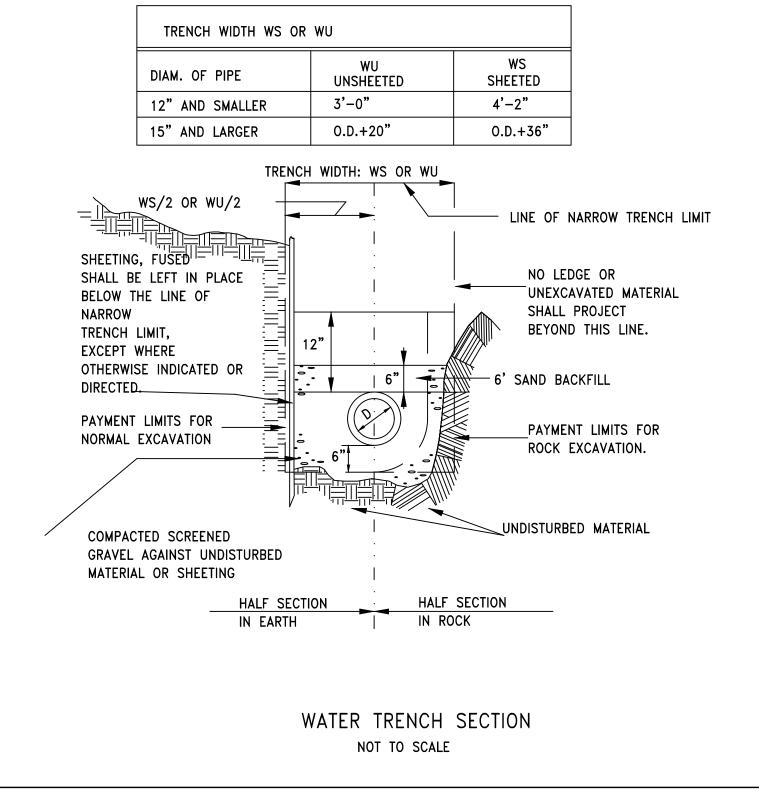


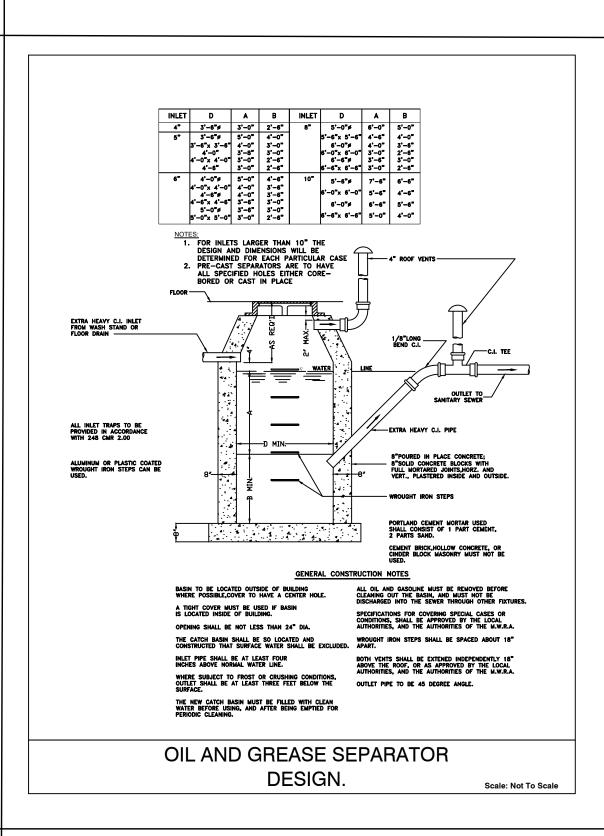
DATE:	2/7/2022
DRAWN BY:	G.P
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APPROVED BY:	E.S

DETAILS

SHEET 2 OF 4









Spruhan Engineering, P.C.

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18 PLEASANT ST, CAMBRIDGE, MASSACHUSETTS

CIVIL PLAN

REVISION BLOCK

DATE

DESCRIPTION

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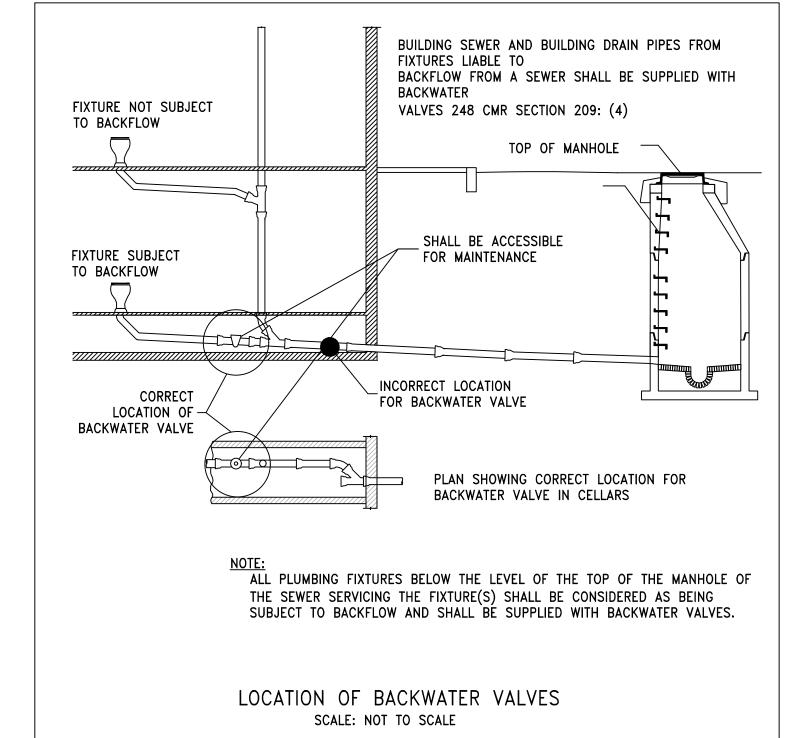


DATE:	2/7/2022
DRAWN BY:	G.P
CHECKED BY:	E.S
APPROVED BY:	E.S

CIVIL PLAN

SHEET 3 OF 4

ALL CONNECTIONS ARE TO BE LEAK FREE AT BE COMPRESSION TYPE EXCEPT INTERIOR COMPILED HER MUST BE FLARED TYPE. TAPPING SLEEVE AND GATE VALVES SHALL BE	NNECTIONS
OLD CORPORATION COCK TO BE SHUT OFF AND ABANDONED	FLUSHING LIMIT AS DIRECTED
APPROVED COUPLING AT SIDELINE WHEN ONLY THE PUBLIC PORTION OF THE WATER SERVICE IS RENEWED	
PLAN VIEW	RENEWED LIMIT PVT. APPROVED SHUT OFF VALVE WITH FLARED FITTING
CONNECTION SHALL BE WADE AT APPROX. 45, ANGTE PUBLIC PROPERTY PRIVATE PROPERTY	EXTERIOR PAYMENT LINE INTERIOR
30° TAPPING RANGE	1'-0" ALLOWED STONE OR CONC. FOUNDATION METER
CORPORATION COCK SHUT OFF NUT MUST BE FACING UP CURB COCK WITH	H BLEEDER PORT
ELEVATION VIEW ELEVATION VIEW ELECTRICAL: THE GROUND C FASTENED TO THE WATER SEI (INLET SIDE OF THE) SHUT C CURRENT ELECTRICAL CODES	RVICE PIPE BEFORE THE DFF VALVE. ALL CURRENT



EROSION CONTROL NOTES

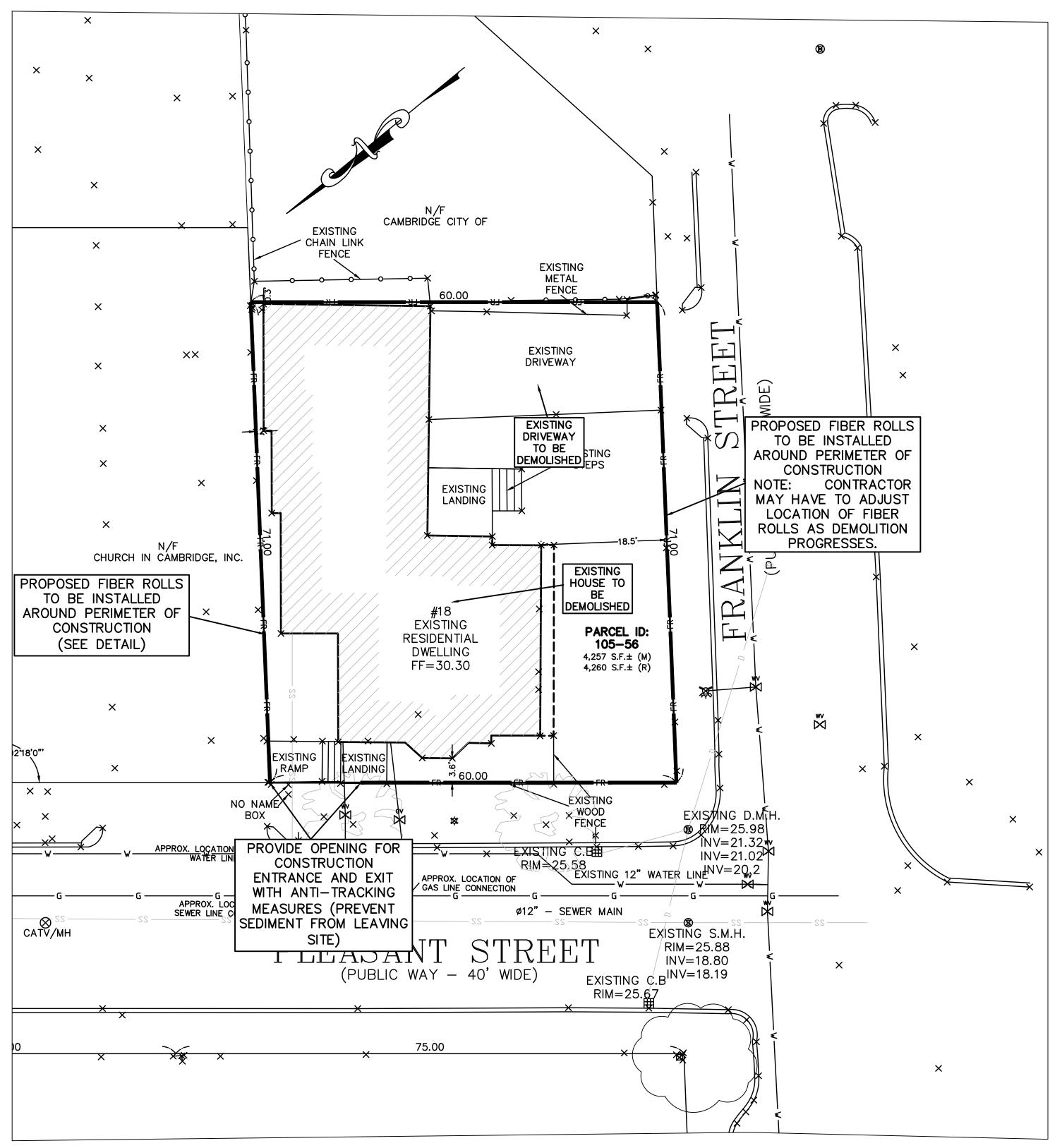
- 1. THE EROSION CONTROL PLANS IN THIS SET SHALL BE REVIEWED AND IMPLEMENTED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF WORK. CONTRACTOR SHALL WORK WITH THE PROJECT'S ENGINEER THROUGHOUT CONSTRUCTION TO ENSURE THE SITE IS PROPERLY PROTECTED FROM POSSIBLE POLLUTANTS. THE ENGINEER HAS AUTHORIZATION TO ADD OR REMOVE BMP MEASURES THROUGHOUT CONSTRUCTION.
- 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING SITE EROSION CONTROL AT ALL TIMES.
- 3. IT SHALL BE THE RESPONSIBILITY OF THE OWNER AND THE PERMITTEE TO ENSURE THAT EROSION DOES NOT OCCUR FROM ANY ACTIVITY DURING OR AFTER PROJECT CONSTRUCTION. ADDITIONAL MEASURES, BEYOND THOSE SPECIFIED, MAY BE REQUIRED BY THE PLANNING DIRECTOR AS DEEMED NECESSARY TO CONTROL ACCELERATED EROSION.
- 4. AT THE END OF EACH WORKDAY, AT THE END OF EACH WORKWEEK, THE CONTRACTOR SHALL IMPLEMENT ALL TEMPORARY MEASURES NECESSARY TO PREVENT EROSION AND SILTATION, UNTIL THE PROJECT HAS BEEN FINALIZED. THESE MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO, DIRECT SEEDING OF THE AFFECTED AREAS, STRAW MULCHING, AND/OR INSTALLATION OF STRAW BALES DAMS/SILT FENCES.
- 5. DURING CONSTRUCTION, NO TURBID WATER SHALL BE PERMITTED TO LEAVE THE SITE. USE OF SILT AND GREASE TRAPS, FILTER BERMS, HAY BALES OR SILT FENCES SHALL BE USED TO PREVENT SUCH DISCHARGE.
- 6. ALL AREAS ON— AND OFF—SITE EXPOSED DURING CONSTRUCTION ACTIVITIES, IF NOT PERMANENTLY LANDSCAPED PER PLAN, SHALL BE PROTECTED BY MULCHING AND/OR SEEDING.
- 7. ALL EXCAVATED MATERIAL SHALL BE REMOVED TO AN APPROVED DISPOSAL SITE OR DISPOSED OF ON-SITE IN A MANNER THAT WILL NOT CAUSE EROSION.
- 8. ANY MATERIAL STOCKPILED, FOR LONGER THAN 14 DAYS, DURING CONSTRUCTION SHALL BE COVERED WITH PLASTIC.
- 9. UPON COMPLETION OF CONSTRUCTION, ALL REMAINING EXPOSED SOILS SHALL BE PERMANENTLY REVEGETATED.
- 10. IT IS THE CONTRACTOR'S RESPONSIBILITY TO SEE THAT ADDITIONAL MEASURES NECESSARY TO CONTROL SITE EROSION AND PREVENT SEDIMENT TRANSPORT OFF—SITE ARE IMPLEMENTED.
- 11. ALL SPILLS AND/OR LEAKS SHALL BE IMMEDIATELY CLEANED UP AND MITIGATED.

CONSTRUCTION MATERIALS

- ALL LOOSE STOCKPILED CONSTRUCTION MATERIALS THAT ARE NOT ACTIVELY BEING USED (I.E. SOIL, SPOILS, AGGREGATE, FLY-ASH, STUCCO, HYDRATED LIME, ETC.) SHALL BE COVERED AND BERMED.
- ALL CHEMICALS SHALL BE STORED IN WATERTIGHT CONTAINERS (WITH APPROPRIATE SECONDARY CONTAINMENT TO PREVENT ANY SPILLAGE OR LEAKAGE) OR IN A STORAGE SHED (COMPLETELY ENCLOSED).
- EXPOSURE OF CONSTRUCTION MATERIALS TO PRECIPITATION SHALL BE MINIMIZED. THIS DOES NOT INCLUDE MATERIALS AND EQUIPMENT THAT ARE DESIGNED TO BE OUTDOORS AND EXPOSED TO ENVIRONMENTAL CONDITIONS (I.E. POLES, EQUIPMENT PADS, CABINETS, CONDUCTORS, INSULATORS, BRICKS, ETC.).
- BEST MANAGEMENT PRACTICES TO PREVENT THE OFF-SITE TRACKING OF LOOSE CONSTRUCTION AND LANDSCAPE MATERIALS SHALL BE IMPLEMENTED.

WASTE MANAGEMENT

- DISPOSAL OF ANY RINSE OR WASH WATERS OR MATERIALS ON IMPERVIOUS OR PERVIOUS SITE SURFACES OR INTO THE STORM DRAIN SYSTEM SHALL BE PREVENTED.
- SANITATION FACILITIES SHALL BE CONTAINED (E.G. PORTABLE TOILETS) TO PREVENT DISCHARGES OF POLLUTANTS TO THE STORM WATER DRAINAGE SYSTEM OR RECEIVING WATER, AND SHALL BE LOCATED A MINIMUM 20 FEET AWAY FROM AN INLET, STREET OR DRIVEWAY, STREAM, RIPARIAN AREA OR OTHER DRAINAGE FACILITY.
- SANITATION FACILITIES SHALL BE INSPECTED REGULARLY FOR LEAKS AND SPILLS AND CLEANED OR REPLACED AS NECESSARY.
- COVER WASTE DISPOSAL CONTAINERS AT THE END OF EVERY BUSINESS DAY AND DURING A RAIN EVENT.
- DISCHARGES FROM WASTE DISPOSAL CONTAINERS TO THE STORM WATER DRAINAGE SYSTEM OR RECEIVING WATER SHALL BE PREVENTED.
- STOCKPILED WASTE MATERIAL SHALL BE CONTAINED AND SECURELY PROTECTED FROM WIND AND RAIN AT ALL TIMES UNLESS ACTIVELY BEING USED.
- PROCEDURES THAT EFFECTIVELY ADDRESS HAZARDOUS AND NON-HAZARDOUS SPILLS SHALL BE IMPLEMENTED.EQUIPMENT AND MATERIALS FOR CLEANUP OF SPILLS SHALL BE AVAILABLE ON SITE AND THAT SPILLS AND LEAKS SHALL BE CLEANED UP IMMEDIATELY AND DISPOSED OF PROPERLY; AND
- CONCRETE WASHOUT AREAS AND OTHER WASHOUT AREAS THAT MAY CONTAIN ADDITIONAL POLLUTANTS SHALL BE CONTAINED SO THERE IS NO DISCHARGE INTO THE UNDERLYING SOIL AND ONTO THE SURROUNDING AREAS.



VEHICLE STORAGE AND MAINTENANCE

- MEASURES SHALL BE TAKEN TO PREVENT OIL, GREASE, OR FUEL TO LEAK IN TO THE GROUND, STORM DRAINS OR SURFACE WATERS.
- ALL EQUIPMENT OR VEHICLES, WHICH ARE TO BE FUELED, MAINTAINED AND STORED ONSITE SHALL BE IN A DESIGNATED AREA FITTED WITH APPROPRIATE BMPs.
- LEAKS SHALL BE IMMEDIATELY CLEANED AND LEAKED MATERIALS SHALL BE DISPOSED OF PROPERLY.

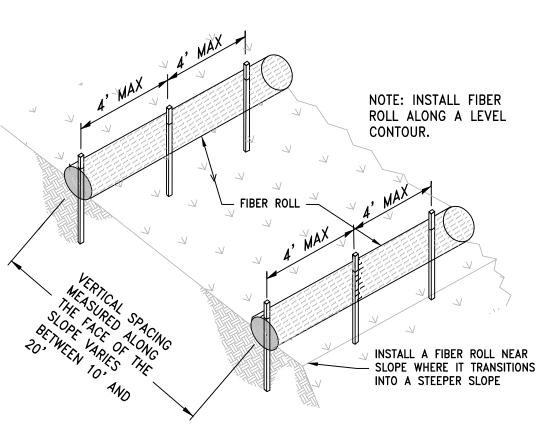
LANDSCAPE MATERIALS

- CONTAIN STOCKPILED MATERIALS SUCH AS MULCHES AND TOPSOIL WHEN THEY ARE NOT ACTIVELY BEING USED
- CONTAIN FERTILIZERS AND OTHER LANDSCAPE MATERIALS WHEN THEY ARE NOT ACTIVELY BEING USED.
- DISCONTINUE THE APPLICATION OF ANY ERODIBLE LANDSCAPE MATERIAL

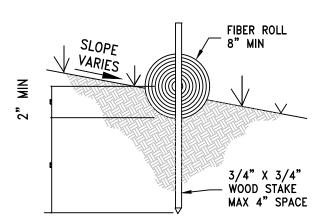
WITHIN 2 DAYS BEFORE A FORECASTED RAIN EVENT OR DURING PERIODS OF PRECIPITATION.

APPLY ERODIBLE LANDSCAPE MATERIAL AT QUANTITIES AND APPLICATION RATES ACCORDING TO MANUFACTURE RECOMMENDATIONS OR BASED ON WRITTEN SPECIFICATIONS BY KNOWLEDGEABLE AND EXPERIENCED FIELD PERSONNEL.

STACK ERODIBLE LANDSCAPE MATERIAL ON PALLETS AND COVERING OR STORING SUCH MATERIALS WHEN NOT BEING USED OR APPLIED.



TYPICAL INSTALLATION



ENTRENCHMENT DETAIL

FIBER ROLLS

FIBER ROLL CONSTRUCTION SPECIFICATIONS

- 1. PREPARE SLOPE BEFORE THE WATTLING PROCEDURE IS STARTED. SHALLOW GULLIES SHOULD BE SMOOTHED AS WORK PROGRESSES.
- 2. DIG SMALL TRENCHES ACROSS SLOPE ON CONTOUR, TO PLACE WATTLES IN. THE TRENCH SHOULD BE DEEP ENOUGH TO ACCOMMODATE HALF THE THICKNESS OF THE WATTLE. WHEN THE SOIL IS LOOSE AND UNCOMPACTED, THE TRENCH SHOULD BE DEEP ENOUGH TO BURY THE WATTLE 2/3 OF ITS THICKNESS BECAUSE THE GROUND WILL SETTLE. IT IS CRITICAL THAT WATTLES ARE INSTALLED PERPENDICULAR TO WATER MOVEMENT, PARALLEL TO THE SLOPE CONTOUR.
- 3. START BUILDING TRENCHES AND INSTALL WATTLES FROM THE BOTTOM OF THE SLOPE AND WORK UP.
- 4. CONSTRUCT TRENCHES AT CONTOUR INTERVALS OF THREE TO EIGHT FEET APART DEPENDING ON STEEPNESS OF SLOPE. THE STEEPER THE SLOPE, THE CLOSER TOGETHER THE TRENCHES.
- 5. LAY THE WATTLE ALONG THE TRENCHES FITTING IT SNUGLY AGAINST THE SOIL. MAKE SURE NO GAPS EXIST BETWEEN THE SOIL AND THE STRAW WATTLE. USE A STRAIGHT BAR TO DRIVE HOLES THROUGH THE WATTLE AND INTO THE SOIL FOR THE WOODEN STAKES.
- 6. DRIVE THE STAKE THROUGH THE WOODEN STAKES.

 ONLY ONE OR TWO INCHES OF STAKE EXPOSED ABOVE WATTLE. IF USING WILLOW STAKES REFER TO USDA SOIL CONSERVATION SERVICE TECHNICAL GUIDE, BIOENGINEERING, FOR GUIDELINES TO PREPARING LIVE WILLOW
- MATERIAL.

 7. INSTALL STAKES AT LEAST EVERY FOUR FEET APART THROUGH WATTLE.
 ADDITIONAL STAKES MAY BE DRIVEN ON THE DOWNSLOPE SIDE OF THE
 TRENCHES ON HIGHLY EROSIVE OR VERY STEEP SLOPES.

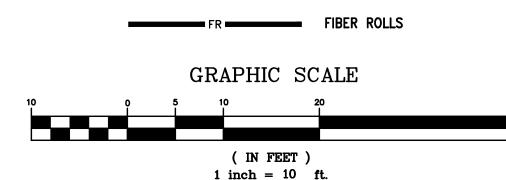
FIBER ROLL INSTALLATION AND MAINTENANCE

8. INSPECT THE STRAW WATTLE AND THE SLOPES AFTER SIGNIFICANT STORMS. MAKE SURE THE WATTLES ARE IN CONTACT WITH THE SOIL.

10. RESEED OR REPLANT VEGETATION IF NECESSARY UNTIL THE SLOPE IS

MAKE SURE THE WATTLES ARE IN CONTACT WI 9. REPAIR ANY RILLS OR GULLIES PROMPTLY.

STABILIZED.



Spruhan Engineering, P.C.

NEWTON, MA 02458

Tel: 617-816-0722

Email:espruhan@qmail.com

80 JEWETT ST, (SUITE 1)

18 PLEASANT ST, CAMBRIDGE, MASSACHUSETTS

CIVIL PLAN

REVISION BLOCK

DESCRIPTION

٨	Il logal rights including but not	limitad

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DATE:	2/7/2022
DRAWN BY:	G.P
CHECKED BY:	E.S
APPROVED BY:	E.S

EROSION CONTROL & DEMOLITION PLAN

SHEET 4 OF 4

PROBABLE PLANT LIST | 18 PLEASANT STREET

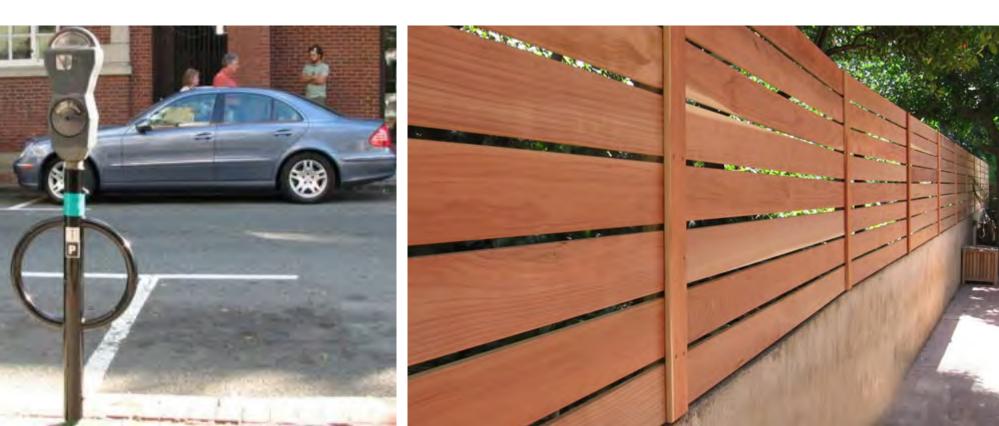
Polystichum acrostichoides

		'			
Deci	duous Tre	es:			
CC	1	Carpinus caroliniana	Musclewood	2-2.5" cal.	B&B
UA	1	Ulmus americana 'Homestead'	Homestead Elm	3-3.5" cal	B&B
Ever	green Tree	es:			
	4	Thuja occ. 'Emerald Green'	Emerald Green Arborvitae	6-7' ht.	B&B
Shrul	os/Vines:				
CA	7	Clethra alnifolia	Summersweet	5 gal.	Pot
IG	1	Ilex glabra 'Densa'	Inkberry	24-30" ht.	Pot
LB	I	Lonicera brownii 'Dropmore Scarlet'	Honeysuckle Vine	5 gal.	Pot
Perei	nnial Blend	l Planting			
am	125	Alchemilla mollis	Lady's Mantel	l qt.	space 12" o.c
aj	42	Ajuga reptans 'Burgandy Glow' or 'Catlins Giant'	Bugleweed	l qt.	space 12" o.c
ср	211	Carex pensylvanica	Pennsylvania Sedge	l qt.	space 12" o.c
•			·		

Christmas Fern

space 24" o.c.

18 Pleasant Street Tree Tabulation	Caliper of Trees To Be Removed	Caliper of Trees To Be Preserved	Caliper of Proposed Trees
Elm #1 at Sidewalk	9		
Elm #2 at Sidewalk		7	
(I) Elm @ 3.5" cal.			3.5
(1) Carpinus @ 2.5" cal.			2.5
(4) Emerald Green Arborvitae @ 4" cal.			16
Norway Maple Off Property	10		
Total Inches	19	7	22.0



Bike Rack | Parking Meter

48" Horizontal Board Fence

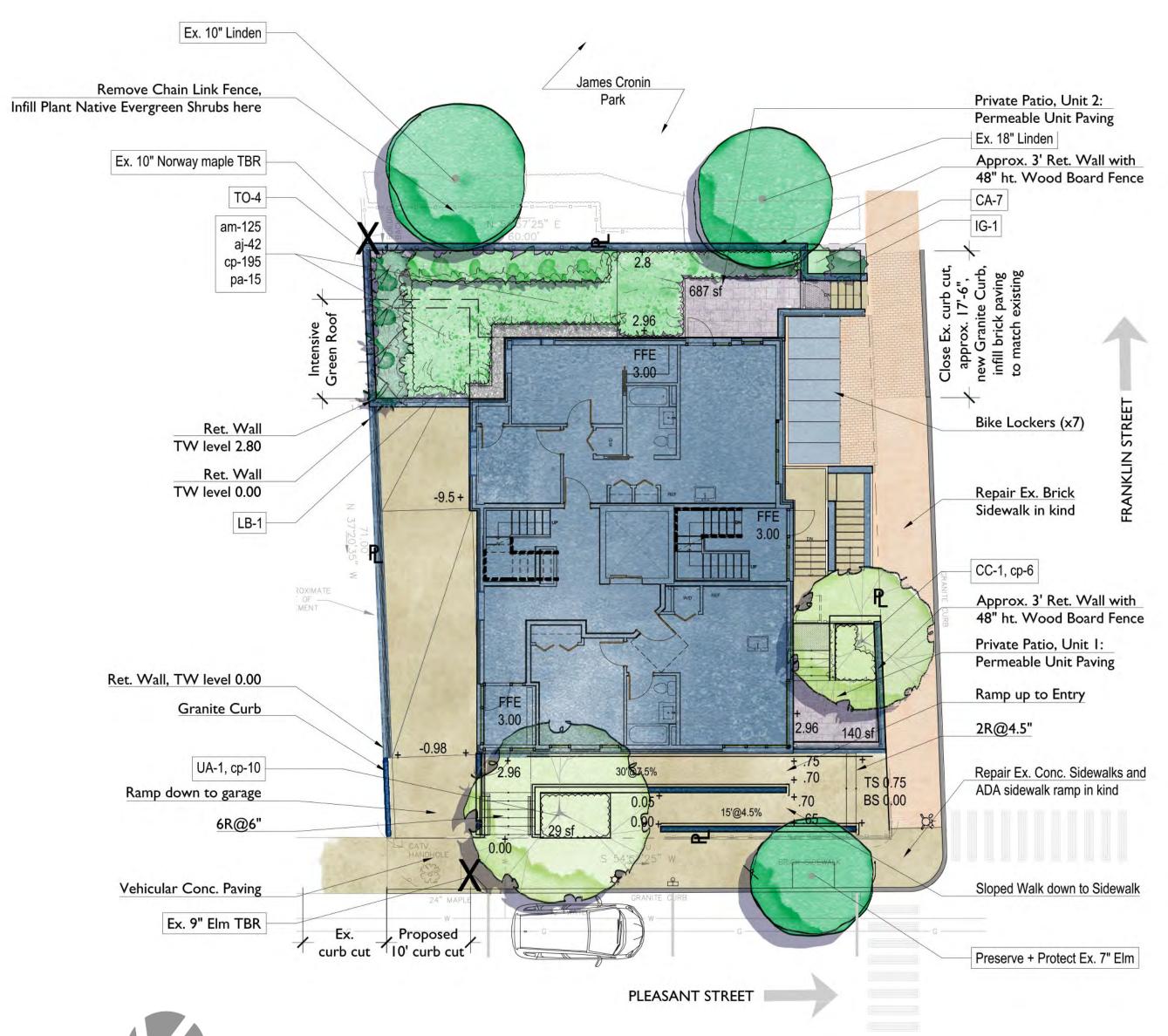


Blu 60 Smooth Techo-block Pervious Pavers at Patios

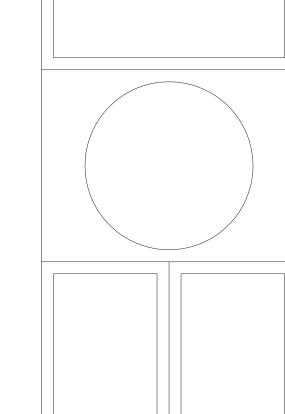












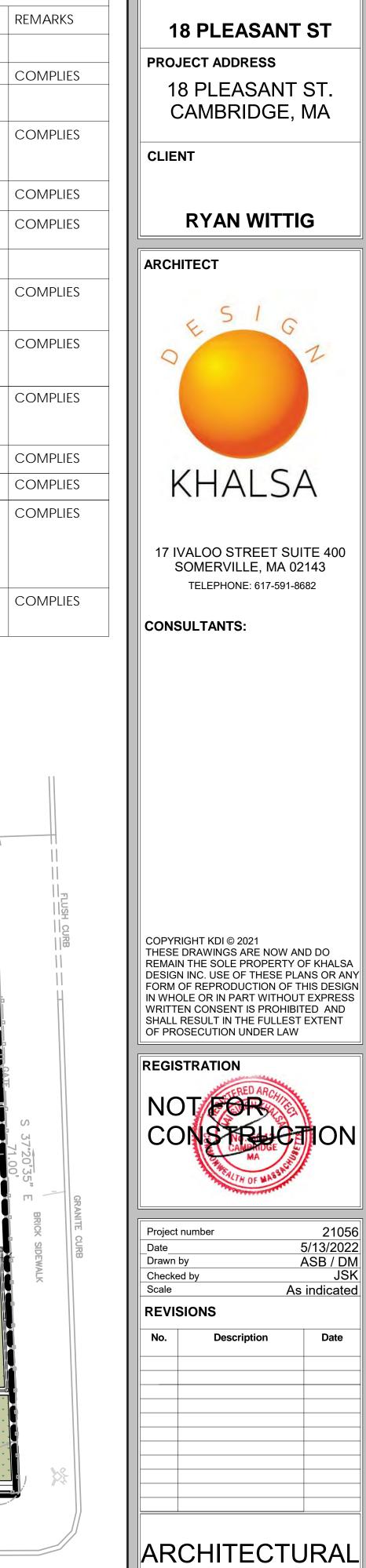
18 PLEASANT STREET CAMBRIDGE, MA LANDSCAPE PLAN

Project #: Date: 10/15/21
Drawn by: Reviewed: KP
Scale: 1" = 10'-0"

Revisions:

L1

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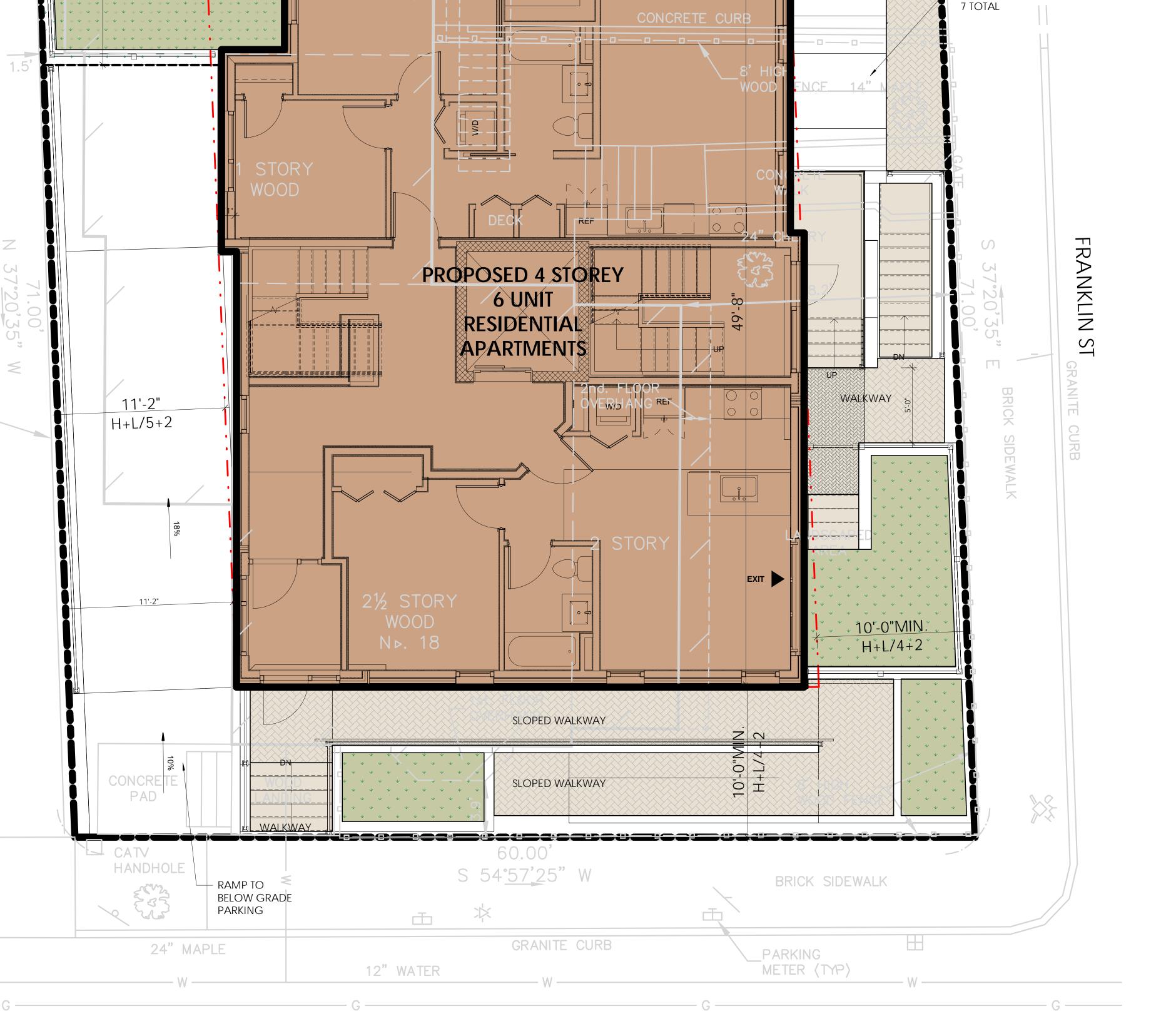
SITE PLAN

A-020

18 PLEASANT ST

PROJECT NAME

ZONING CHART ALLOWABLE PROPOSED ZONE : RC2B ZONE : BA LOT AREA N/A 4260 SF 5,000 SF MIN S.F. / DU 600 SF 6 UNITS PROPOSED 7 UNITS ALLOWED MAX. FAR 1.75 [7458.5 SF] 1.75 (7,434 SF) THIS PLAN IS FOR INFORMATIONAL AND ILLUSTRATIVE PURPOSES ONLY. THE PREPARER OF THIS PLAN MAKES NO CLAIM TO ITS ACCURACY. THIS MIN. LOT WIDTH 50 FT 50 FT 60 FT PLAN SHALL NOT BE USED OR RELIED UPON IN ANY SHALL PROVIDE AN OFFICIAL CERTIFIED PLOT PLAN. BUILDING COVERAGE 43.8% [1867 sf] MAX HEIGHT 40 FT 65 FT 4 STORIES / 40'-0" FT 10'-0" MIN. FROM | 10'-0" 10'-0" MIN. FRONT YARD CL OF ST. H+L / 4+2 10'-0" MIN. FROM 10'-0" MIN. EXT SIDE YARD CL OF ST. H+L / 4+2 MIN SIDE YARD 1 H+ L / 5+2 H+ L / 5+2 11'-4" MIN SIDE YARD 2 H+ L / 5+2 H+ L / 5+2 11'-2" 18% LANDSCAPED AREA N/A 15% [639 SF] [773 SF] 3 SPACES PARKING 1.0 PARKING 0.5 PARKING SPACE SPACE



* OPEN*SPACE* 320 SF.

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

WOOD FENCE

SITE PLAN LEGEND

NOTE:

BIKE LOCKERS

PROPOSED BUILDING

REQUIRED SETBACKS

LANDSCAPE

CIRCUMSTANCE. A CERTIFIED LAND SURVEYOR

ROXIMATE S 54°<u>57</u>′25" W BRICK SIDEWALK BELOW GRADE 24" MAPLPARKING METER (TYP)

PLEASANT STREET

2 SITE DIAGRAM FOR 50FT TALL BUILDING 1/8" = 1'-0"

5/13/2022

ASB / DM JSK

Date

1/8" = 1'-0"

18 PLEASANT ST

PROJECT ADDRESS

18 PLEASANT ST. CAMBRIDGE, MA

CLIENT

RYAN WITTIG

KHALSA

17 IVALOO STREET SUITE 400

SOMERVILLE, MA 02143

TELEPHONE: 617-591-8682

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REVISIONS

CONSULTANTS:

ARCHITECT

3-THIRD FLOOR UNIT 6 694 SF UNIT 5 790 SF ELEV. 76 SF STAIR B 137 SF STAIR A 106 SF 1803 SF

FAR CALCULATIONS

116 SF

263 SF

528 SF

154 SF

132 SF

131 SF 55 SF 1792 SF

701 SF

759 SF

136 SF

132 SF 76 SF 1804 SF

76 SF

BASEMENT

STAIR A

UNIT 2

UNIT 1

STAIR B

STAIR A

UNIT 4

UNIT 3

STAIR B

STAIR A

CORRIDOR

1-GROUND FLOOR

2-SECOND FLOOR

Area

4-FOURTH FLOOR 677 SF 882 SF 76 SF STAIR B 137 SF 1773 SF

7434 SF

UNIT 1	YPE RATIO	
Comments	Count	
1 BED	1	-
2 BED	3	_
3 BED	1	_
3 BED + STUDY	1	_

UNIT AREAS				
Name	Area	Comments		
LINUT	F00.0F	4.050		
UNIT 1	528 SF	1 BED		
UNIT 2	717 SF	2 BED		
UNIT 3	759 SF	2 BED		
UIVII 3	124 2L	Z DED		
UNIT 4	701 SF	2 BED		
UNIT 5	1671 SF	3 BED + STUDY		

UNIT AREAS				
Name	Area	Comments		
UNIT 1	528 SF	1 BED		
UNIT 2	717 SF	2 BED		
UNIT 3	759 SF	2 BED		
UNIT 4	701 SF	2 BED		
[T			
UNIT 5	1671 SF	3 BED + STUDY		
UNIT 6	1371 SF	3 BED		
	5747 SF			

22.32 Functional Green Roof Area shall be defined as area atop a roof surface on a building, open to the sky and air, which is surfaced with soil and living plant materials for the purpose of retaining rainwater and

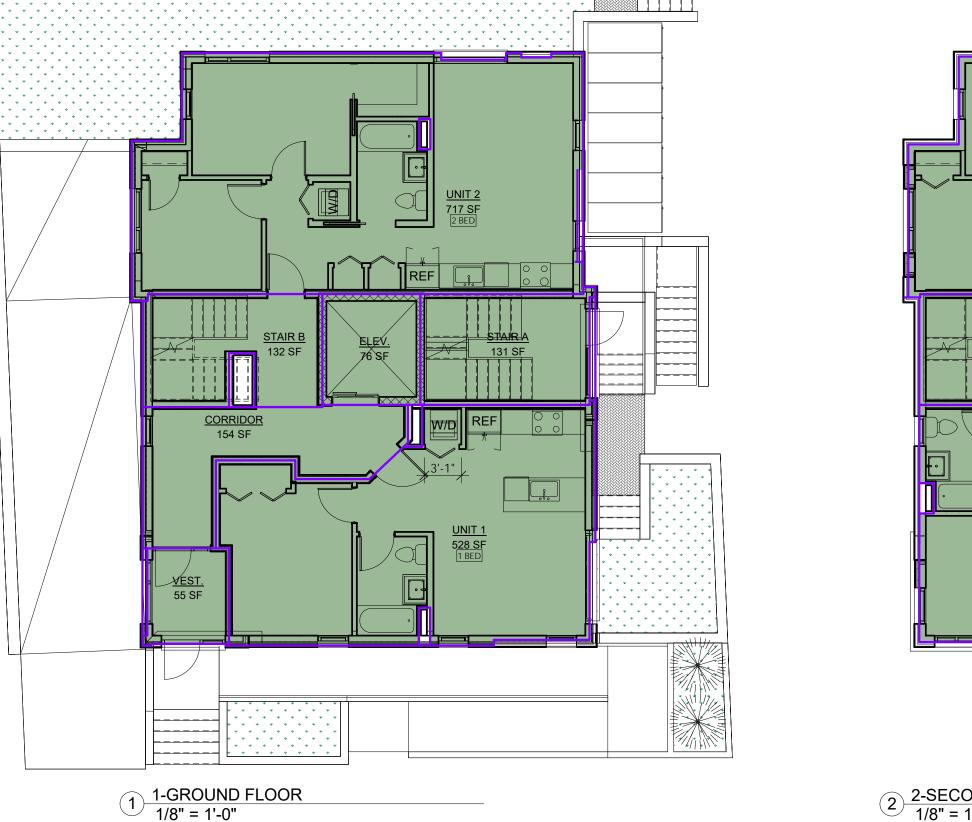
22.34.1 In non-residential zoning districts and in Residence C-1A, C-2, C-2A, C-2B, C-3, C-3A, and C-3B zoning districts, where a rooftop surface above the third floor includes Functional Green Roof Area as defined in Section 22.32 above, adjacent open-air outdoor space intended for use by building occupants or other persons that does not meet the definition of Functional Green Roof Area, such as a patio or deck, shall be exempted from the calculation of Gross Floor Area of the building, provided that the total space exempted in such a manner shall not exceed fifteen percent (15%) of the amount of Functional Green Roof Area on the building and that all such usable outdoor space shall be set back at least ten (10) feet from all outer roof edges.

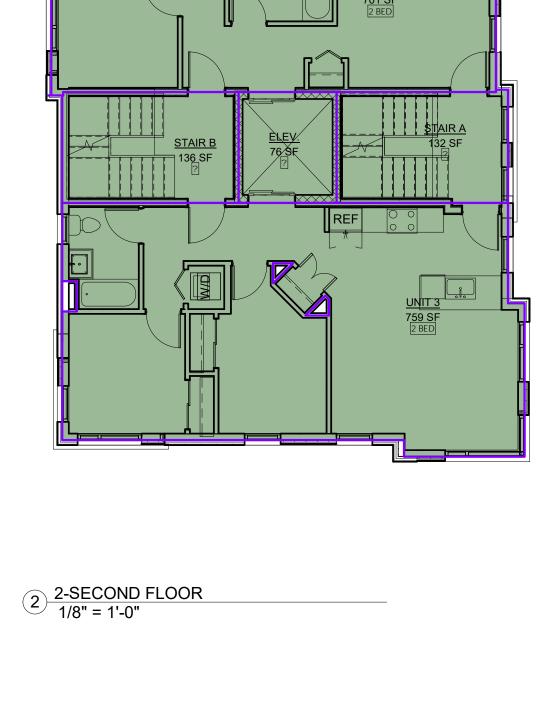
TOTAL DECK AREA IS 14.9% OF TOTAL FUNCTIONAL GREEN ROOF AREA

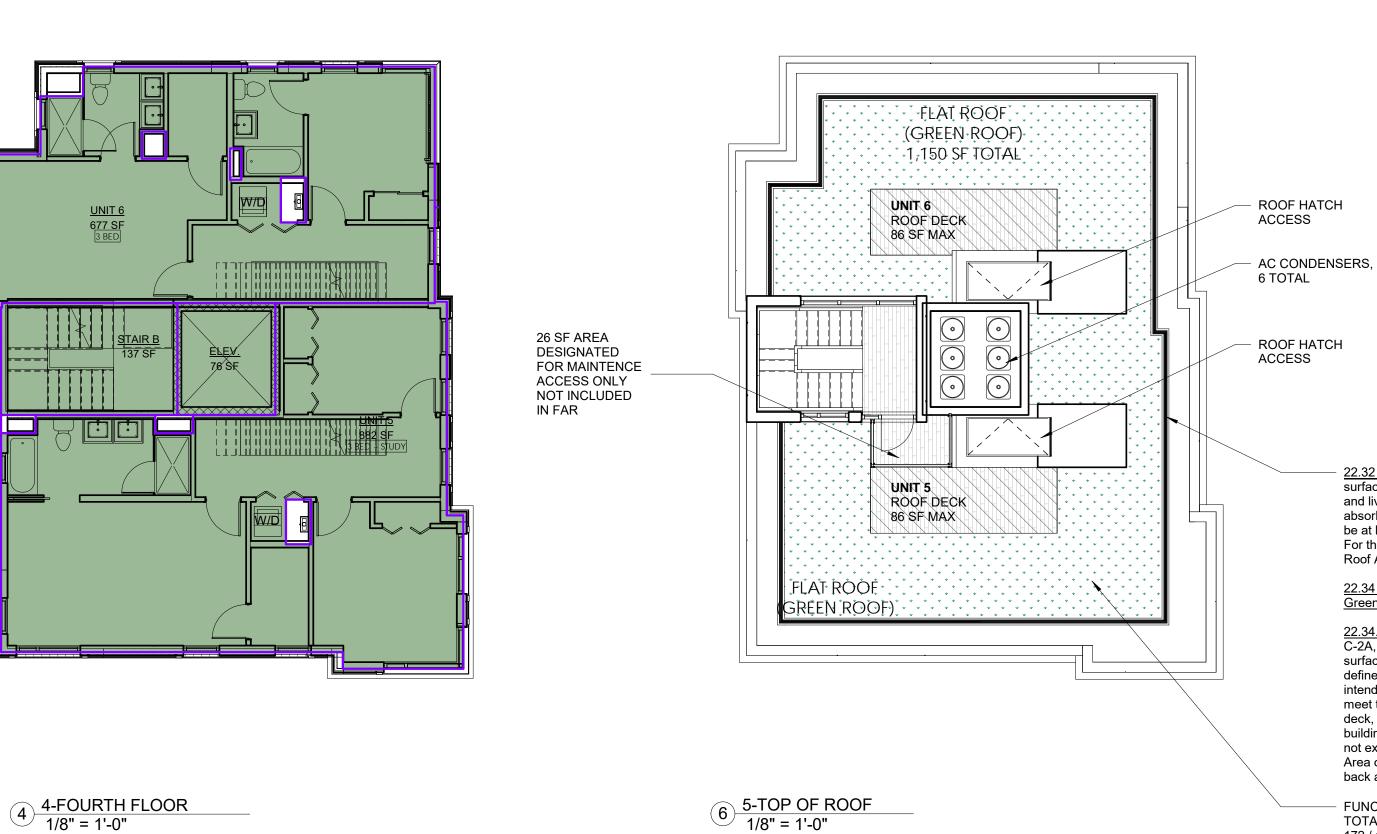
REF 0 0		UNIT 6 694 SF 3 BED	
ELEV 76 SF	STAIR A 106 SF		
	UNIT 5 790 SF 3 BED + STUDY		

5 BASEMENT Copy 1 1/8" = 1'-0"

3-THIRD FLOOR 1/8" = 1'-0"







absorbing heat from sunlight. The depth of soil and planted material shall be at least two (2) inches to be considered Functional Green Roof Area. For the purposes of maintaining the plant material, Functional Green Roof Area may be accessible by means of a roof entrance.

22.34 Floor Area Exemptions for Patios or Decks Adjacent to Functional Green Roof Area.

FUNCTIONAL GREEN ROOF AREA= 1,150 SF TOTAL DECK AREA= 172 SF 172 / 1,150 = 0.149

FAR PLANS

Description

PROJECT NAME

18 PLEASANT ST

PROJECT ADDRESS

18 PLEASANT ST.
CAMBRIDGE, MA

CLIENT

TRASH AREA

2 BASEMENT 1/4" = 1'-0" COMPACT PARKING SPACE # 1

COMPACT PARKING SPACE # 2

COMMON HALLWAY

> STORAGE UNIT #2

STORAGE UNIT #3

3'-9 3/4"

STORAGE UNIT #4

STORAGE UNIT #1

STORAGE UNIT #5

ELEV. MACHINE ROOM

> STORAGE UNIT #6

ELECTRICAL ROOM

SPRINKLER ROOM **RYAN WITTIG**

ARCHITECT



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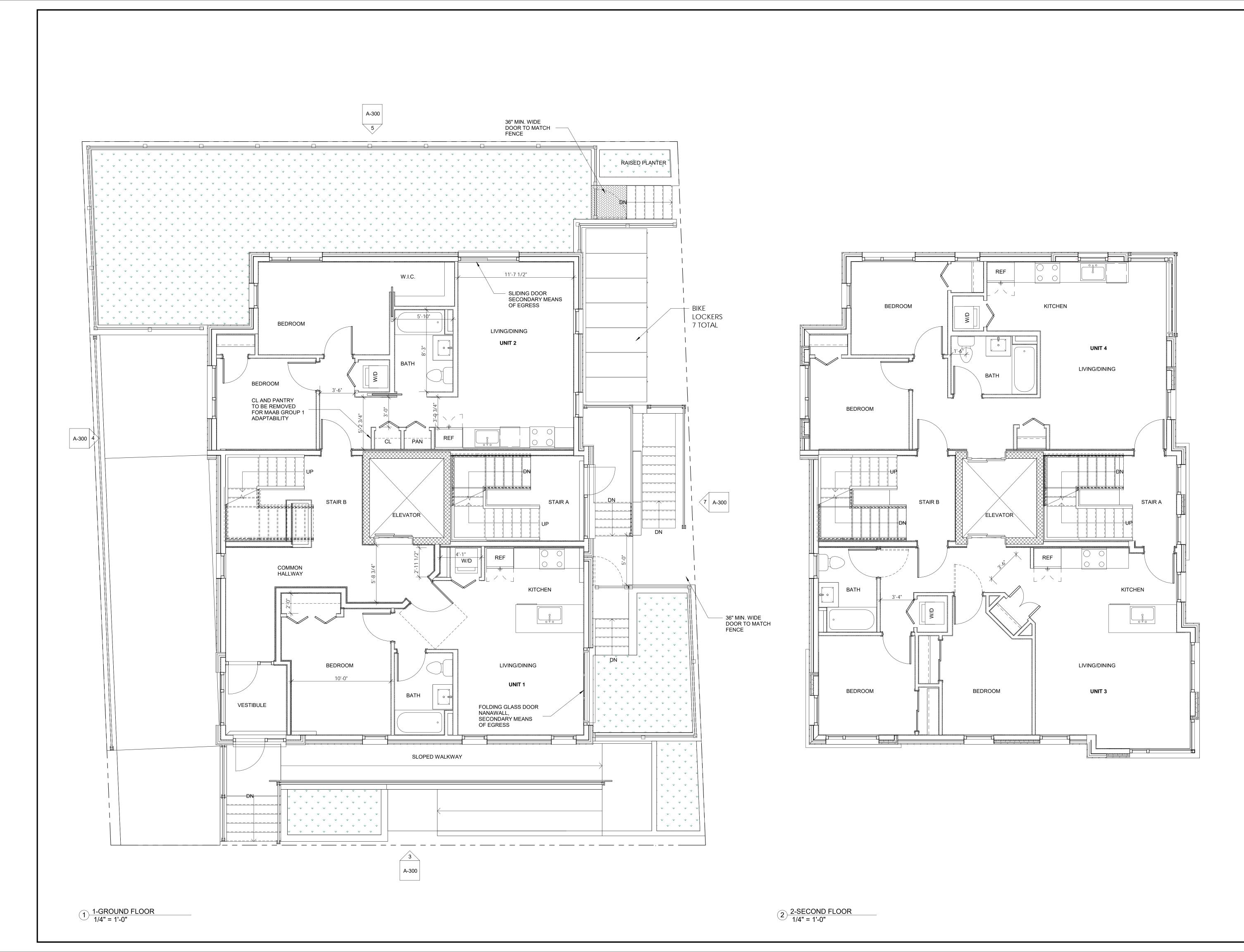


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Scale	1/4" = 1'-
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No.	Description

BASEMENT FLOOR PLAN

A-10018 PLEASANT ST



PROJECT NAME

18 PLEASANT ST

PROJECT ADDRESS

18 PLEASANT ST. CAMBRIDGE, MA

CLIENT

RYAN WITTIG

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1ST & 2ND FLOOR PLAN

A-10118 PLEASANT ST



18 PLEASANT ST

PROJECT ADDRESS

18 PLEASANT ST. CAMBRIDGE, MA

CLIENT

RYAN WITTIG

ARCHITECT

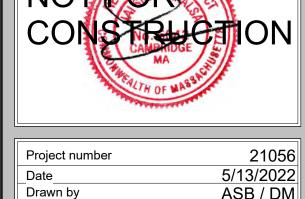


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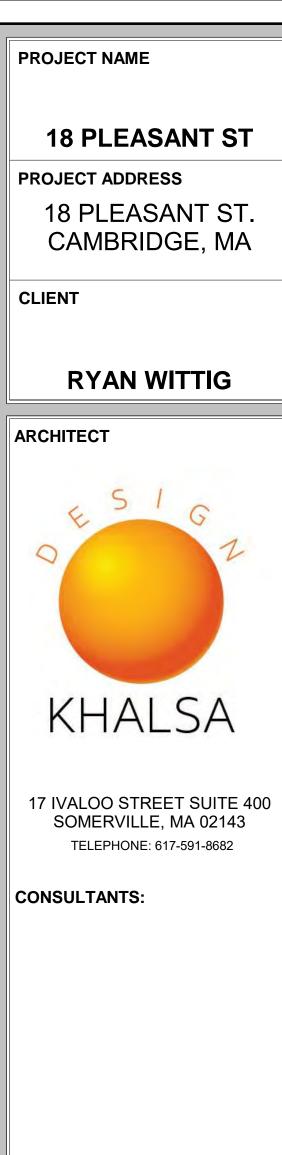
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No.	Description	Date

3RD & 4TH FLOOR PLAN

18 PLEASANT ST



3-THIRD FLOOR 1/4" = 1'-0"



- ROOF HATCH ACCESS

AC CONDENSERS, 6 TOTAL

V V V V V V V V V V V V V V

UNIT 6 ROOF DECK 86 SF MAX

UNIT 5 ROOF DECK 86 SF MAX

42" RAILING WITH 36" WIDE ACCESS GATE FOR ROOF MAINTENANCE

42" RAILINGS AT ROOF PERIMETER

1 5-TOP OF ROOF 1/4" = 1'-0"

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REGISTRATION

Project number



Project n	umber		21056
Date	Date 5/13/20		3/2022
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Scale		1/4"	= 1'-0"
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No.	Description		Date

ROOF PLAN

5-TOP OF ROOF 37' - 0" 5-TOP OF ROOF 37' - 0" 4-<u>FOURTH FLOOR</u> 27' - 0" 4-FOURTH FLOOR 27' - 0" 3-THIRD FLOOR 18' - 0" 3-THIRD FLOOR 18' - 0" 2-SECOND FLOOR 9' - 0" 2-SECOND FLOOR 9' - 0" 1-GROUND FLOOR 0' - 0" 1-GROUND FLOOR 0' - 0" BASEMENT -9' - 6" BASEMENT -9' - 6"

3 SOUTH ELEVATION 1/8" = 1'-0"



5 NORTH ELEVATION 1/8" = 1'-0"

RAILING SYSTEM HARDI PANEL, COBBLE STONE CAST STONE CORNICE, GINGER OR SIM 5-TOP OF ROOF 37' - 0" BRICK, SEASHELL COLOR ALTERNATING EXTRUDED BRICK COURSES **BLACK METAL PANEL** TO MATCH WINDOW 4-FOURTH FLOOR 27' - 0" CASING **GLASS CANOPY** SYSTEM FROSTED GLASS AT **BOTTOM PANE** 3-THIRD FLOOR 18' - 0" CAST STONE CLADDING, **GINGER OR SIM** CAST STONE WATER TABLE, GINGER OR SIM PRE-CAST CONCRETE 2-SECOND FLOOR 9' - 0" W/ DYE AND REVEAL PATTERN. COLOR UMBER OR SIM BLACK METAL RAILING SYSTEM

4 WEST ELEVATION 1/8" = 1'-0"

METAL CORNICE, MATCH METAL PANEL

7 EAST ELEVATION 1/8" = 1'-0"

RIMLESS GLASS

COLOR

PROJECT NAME

18 PLEASANT ST

PROJECT ADDRESS 18 PLEASANT ST.

CAMBRIDGE, MA

CLIENT

RYAN WITTIG

ARCHITECT



17 IVALOO STREET SUITE 400 SOMERVILLE, MA 02143 TELEPHONE: 617-591-8682

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Project n	umber		21056	
Date	Date		5/13/2022	
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Scale		1/	'8" = 1'-0"	
REVIS	REVISIONS			
No.	Description		Date	

ELEVATIONS

A-300 18 PLEASANT ST



4 PERSPECTIVE IV



2 PERSPECTIVE II



3 PERSPECTIVE III



1 PERSPECTIVE I

18 PLEASANT ST

PROJECT ADDRESS

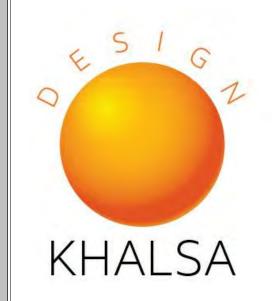
PROJECT NAME

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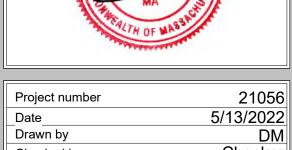
PERSPECTIVES

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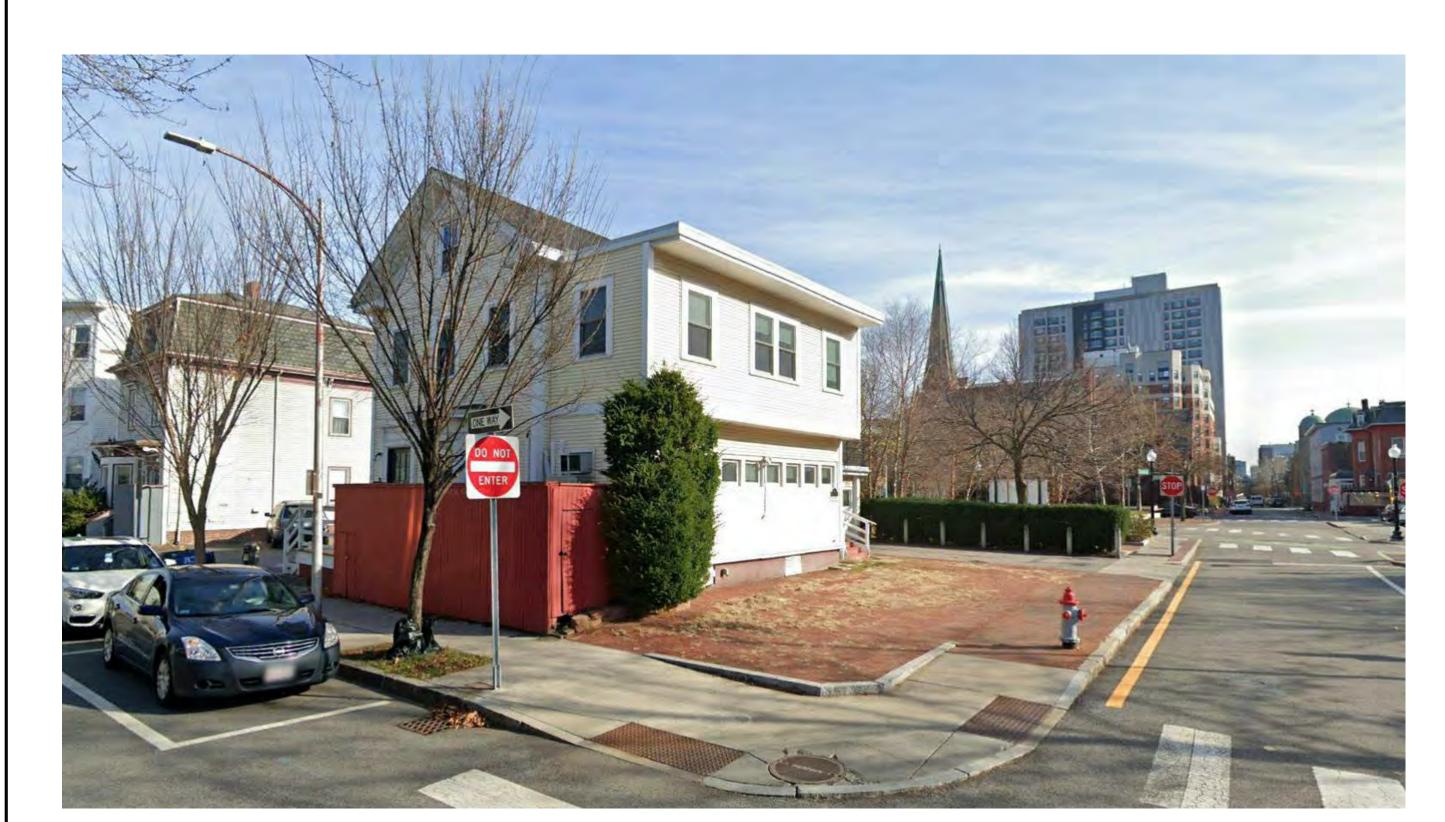


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No.	Description	Date

EXISTING TO BE DEMOLISHED

AV-1

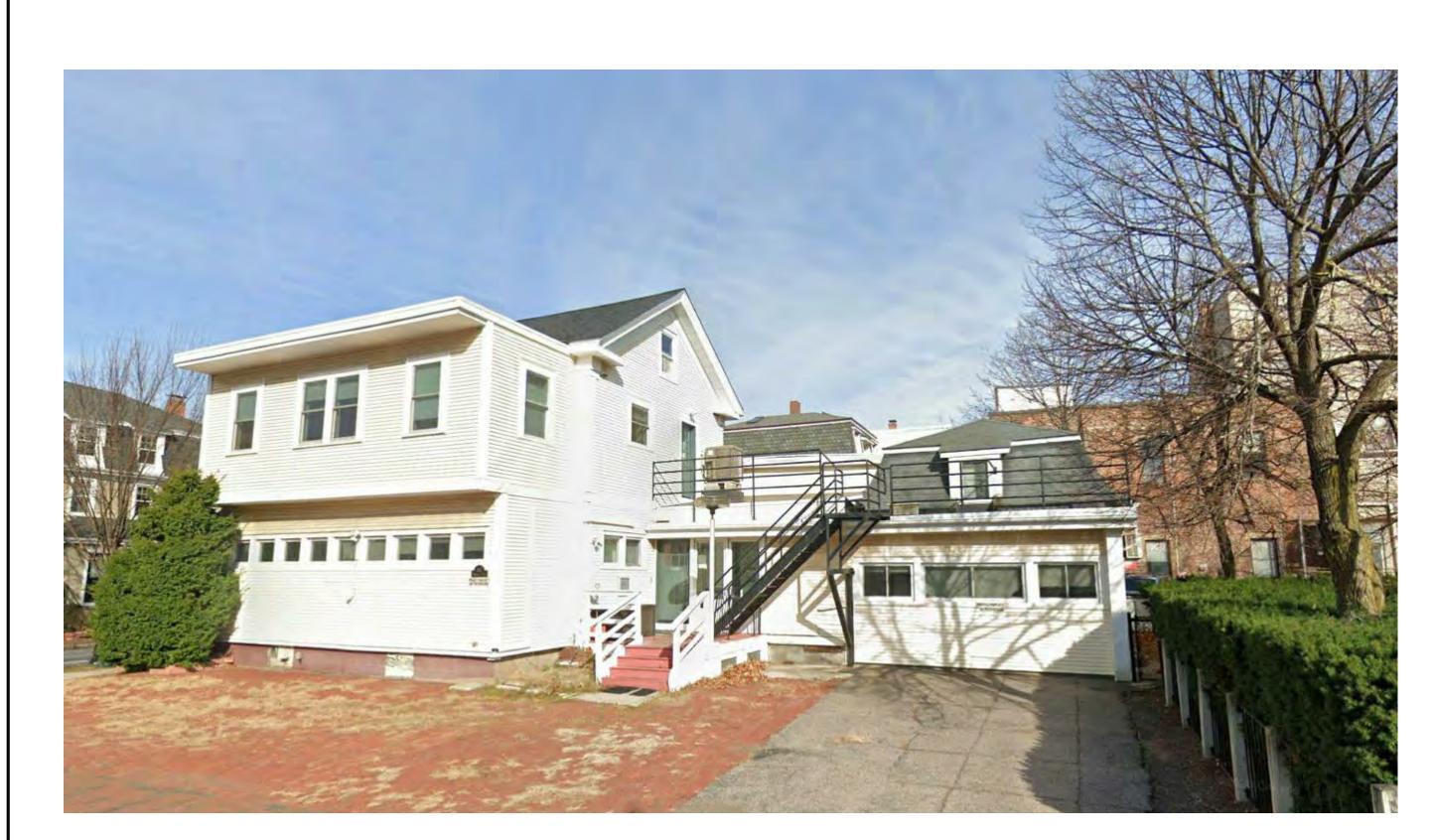
18 PLEASANT ST



VIEW AT INTERSECTION - FRANKLIN ST & PLEASANT ST



KEY MAP



VIEW AT FRANKLIN ST



VIEW AT PLESANT ST

Checked by Scale

Project number

Date Drawn by

REGISTRATION

PROJECT NAME

PROJECT ADDRESS

CLIENT

ARCHITECT

18 PLEASANT ST

18 PLEASANT ST. CAMBRIDGE, MA

RYAN WITTIG

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STREET RENDERING





VIEW AT WESTERN AVENUE

PROJECT NAME

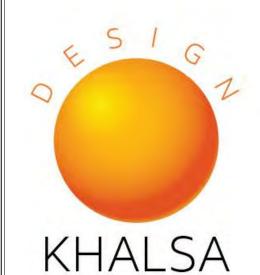
18 PLEASANT ST

PROJECT ADDRESS 18 PLEASANT ST. CAMBRIDGE, MA

CLIENT

RYAN WITTIG

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No.	Description	Date

STREET RENDERING

AV-3 18 PLEASANT ST





JAMES CRONIN PARK



McELROY PARK AT INTERSECTION





SITE CONTEXT LOCUS PLAN

NOTE: THIS PLAN IS FOR INFORMATIONAL AND ILLUSTRATIVE PURPOSES ONLY. THE PREPARER OF THIS PLAN MAKES NO CLAIM TO ITS ACCURACY. THIS PLAN SHALL NOT BE USED OR RELIED UPON IN ANY CIRCUMSTANCE. A CERTIFIED LAND SURVEYOR SHALL PROVIDE AN OFFICIAL CERTIFIED PLOT PLAN.

- 1. SEASHELL COLOR BRICK
- 2. SUBTLE CAST STONE CORNICE AT BASE AND 3RD FLOOR
- 3. RECESSED WINDOWS
- 4. PUNCH STYLE WINDOWS
- 5. LARGE WINDOWS AT PROMINENT LOCATIONS
- 6. COMPLEMENTARY COLOURED HARDI PANEL, SMOOTH
- TRANSITIONAL MATERIAL AT TOP FLOOR, COLOR: COBBLE STONE 7. CONTEMPOARY HARDSCAPE BASE TO REFLECT BRICK BASE ON NEIGHBORHOOD BUILDINGS
- 8. EXTRUDED BRICK COURSE DETAILING
- 9. PICTURE FRAME CAST STONE WINDOW TRIMS AT TOP FLOOR
- 10. PROMINENT TOP FLOOR TERMINATION CORNICE
- 11. BAY ELEMENT TO ENGAGE CORNER INTERSECTION

CORNICE AND WINDOW DETAILS

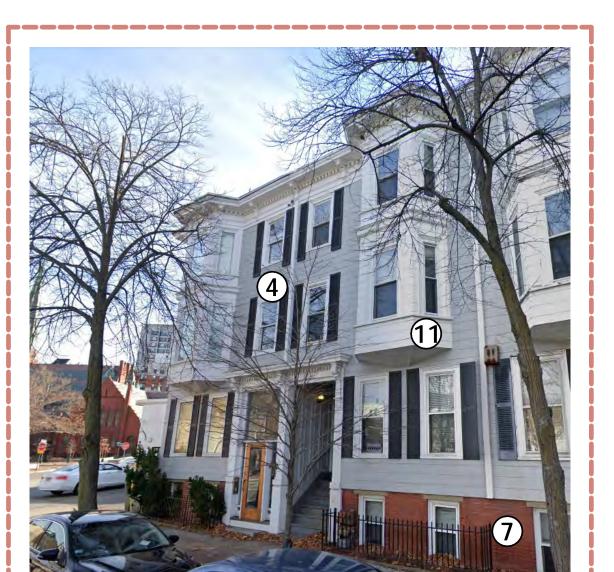


WINDOWS AND BANDING DETAILING

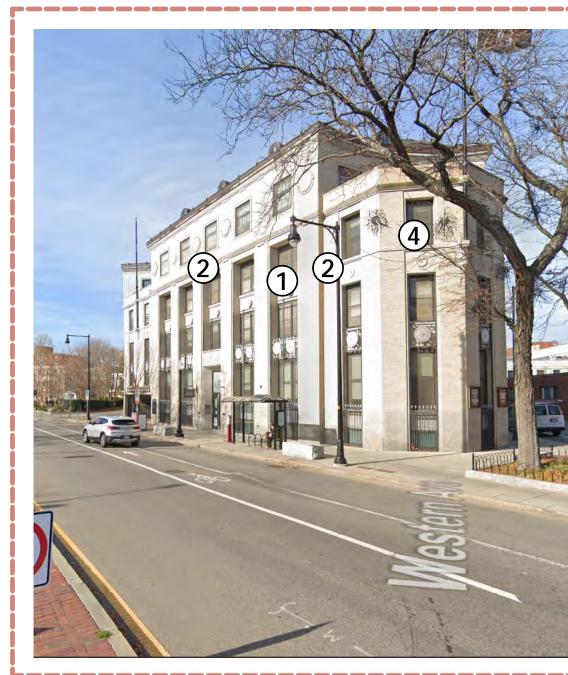


BAY & RESIDENTIAL ELEMENTS

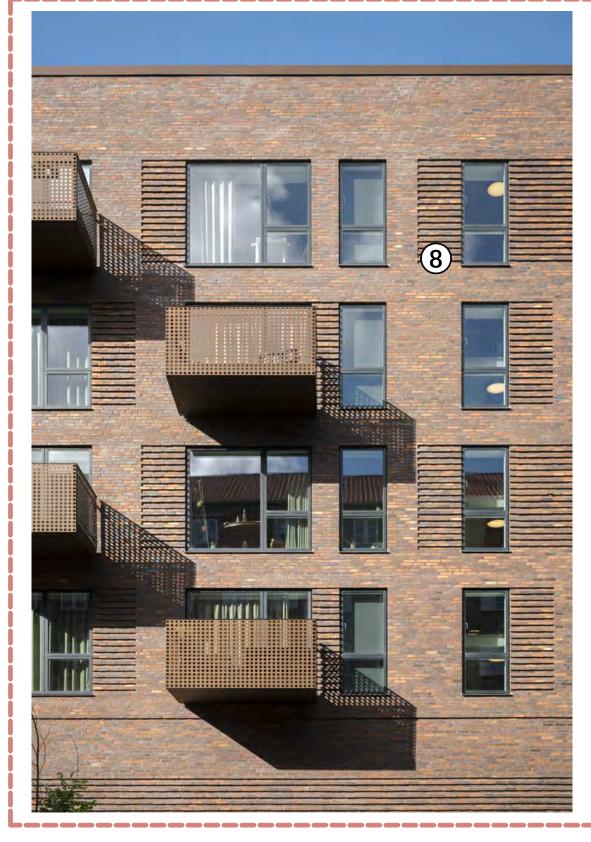


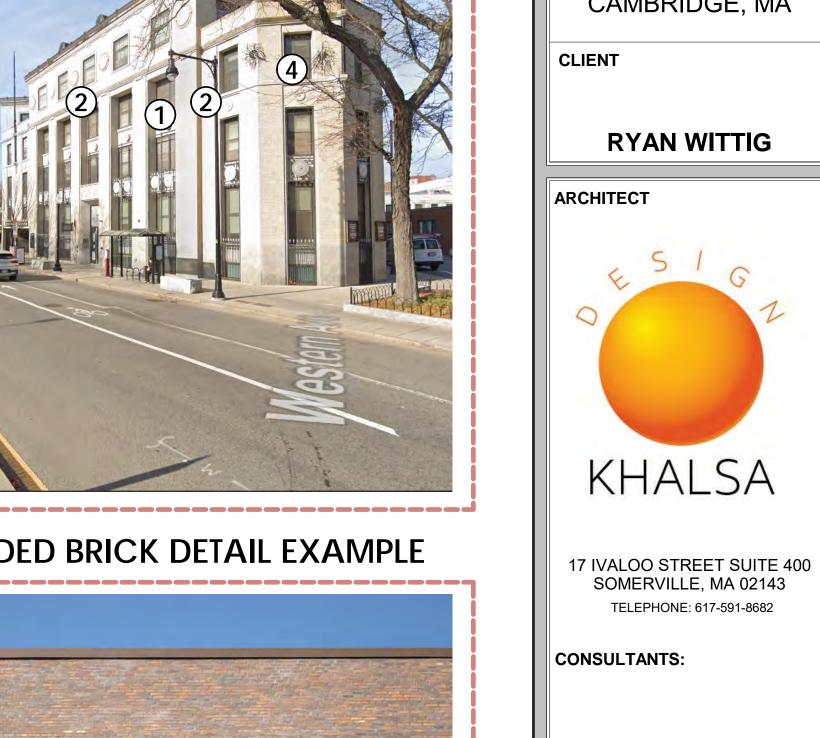


CAMBRIDGE CLC



EXTRUDED BRICK DETAIL EXAMPLE







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TELEPHONE: 617-591-8682

PROJECT NAME

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18 PLEASANT ST

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CAMBRIDGE, MA

RYAN WITTIG

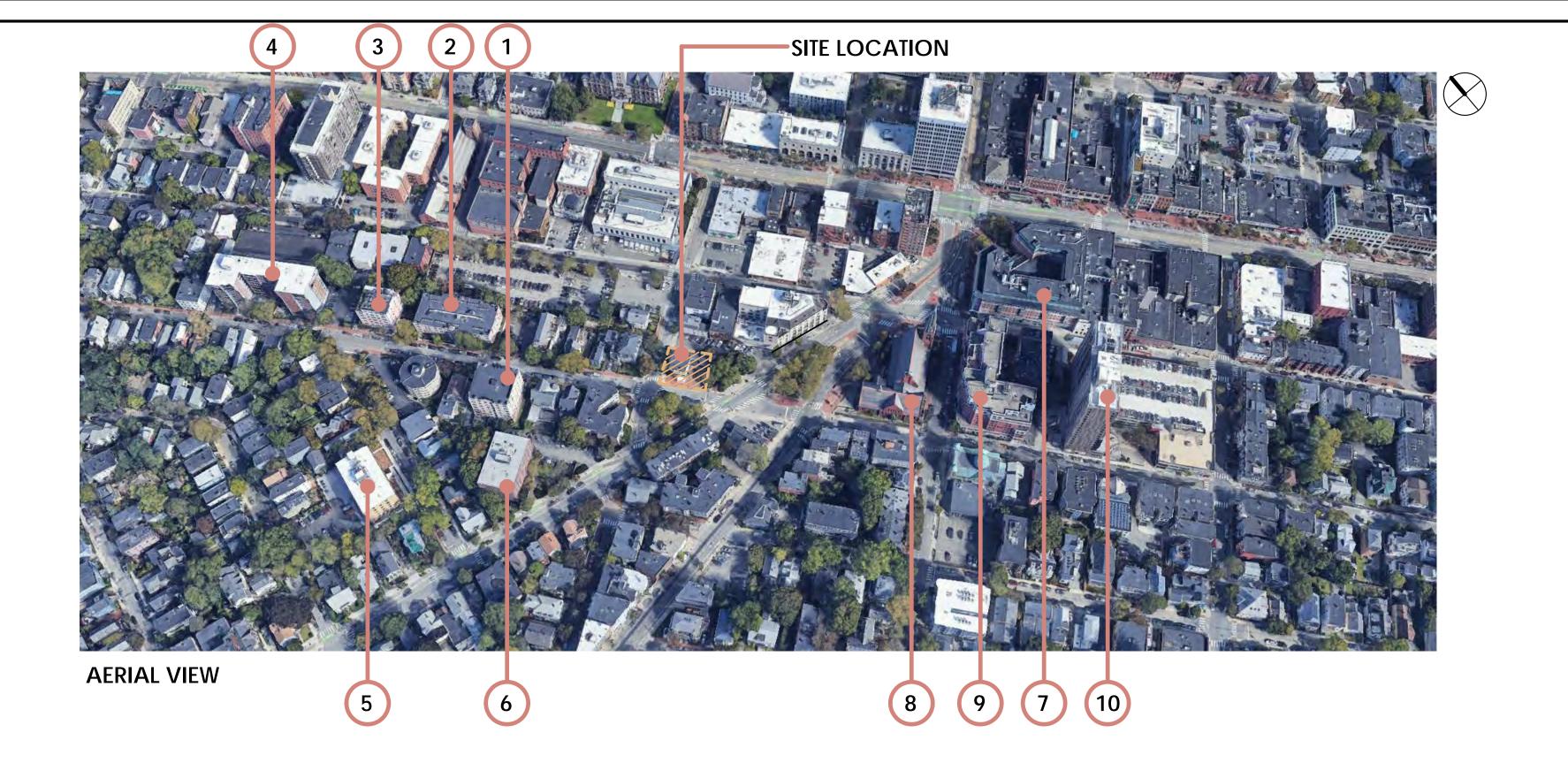
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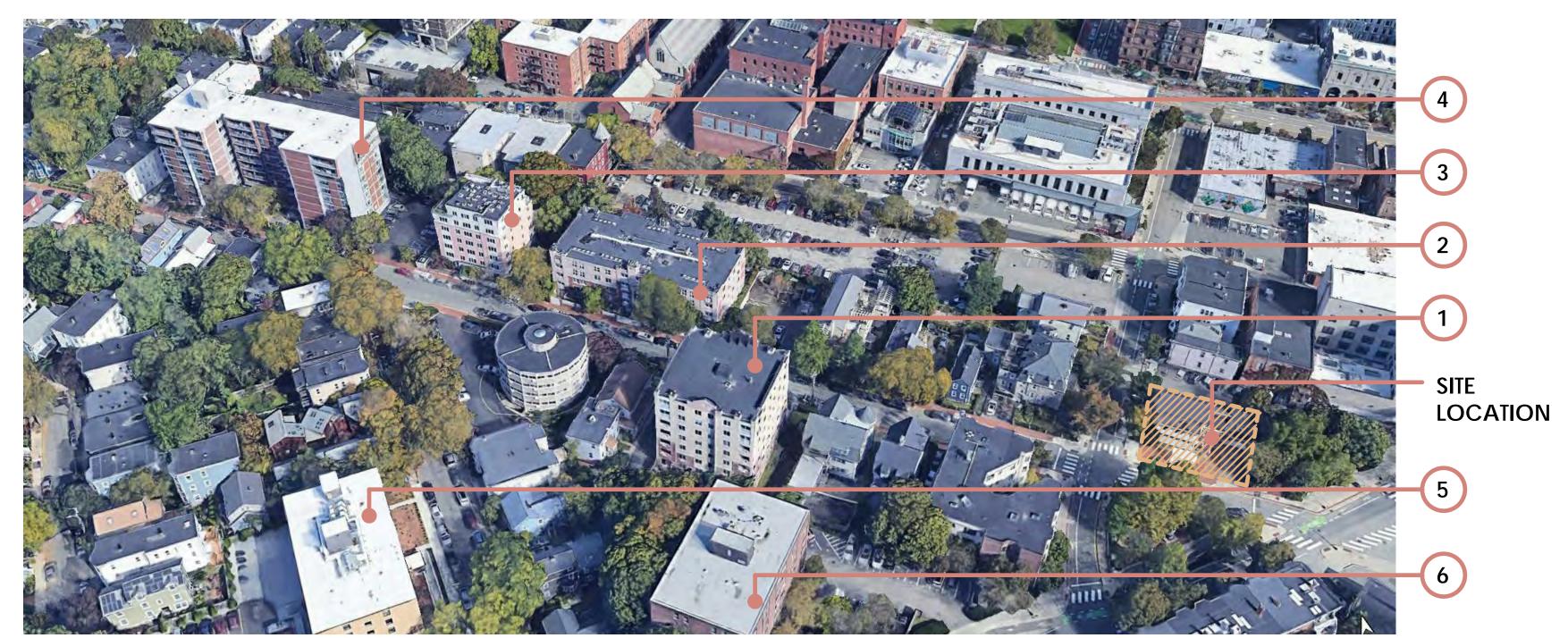




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Date		5/13/202
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DESIGN CONTEXT DIAGRAM





ENLARGED AERIAL VIEW



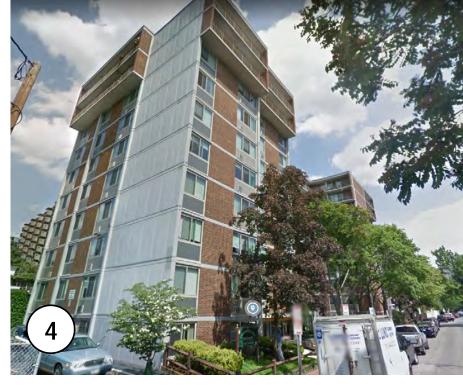
332 FRANKLIN STREET 7 STORIES RESIDENTIAL BUILDING



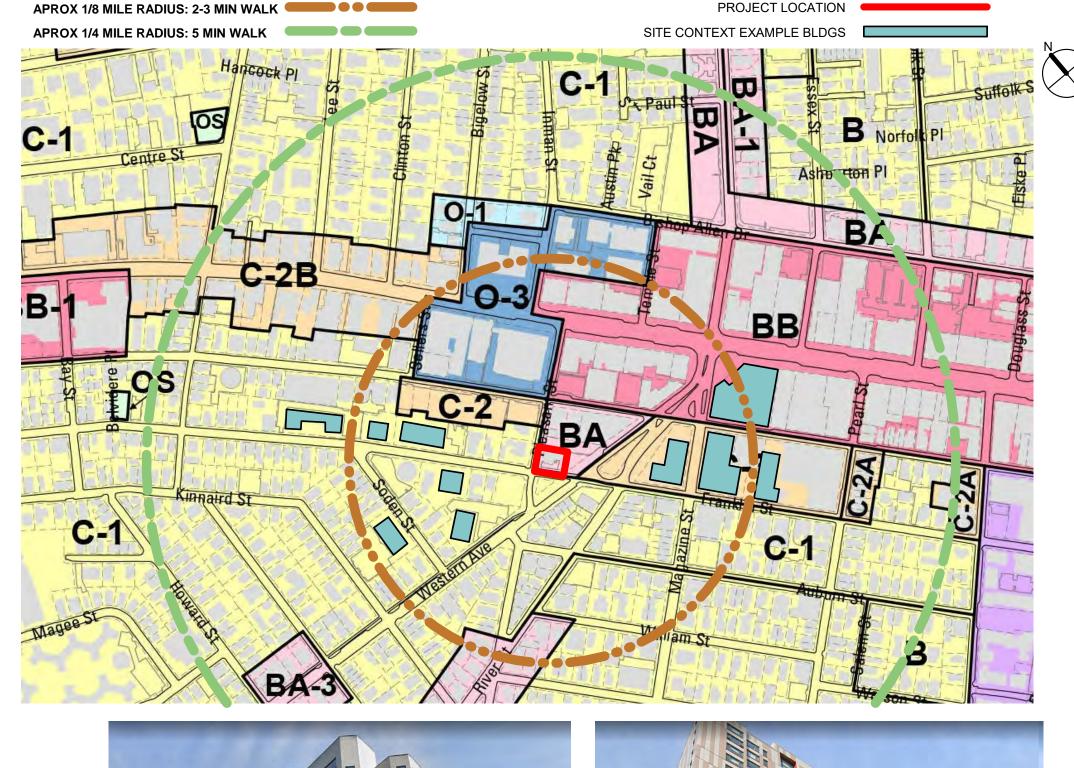
DAVENPORT APARTMENTS 345 FRANKLIN STREET 5 STORIES RESIDENTIAL BUILDING

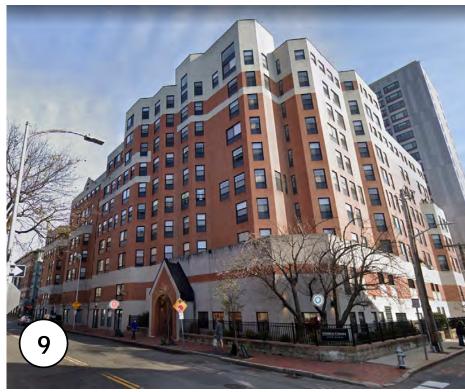


369 FRANKLIN STREET 7 STORIES RESIDENTIAL BUILDING



CAMBRIDGE COURT APARTMENTS 411 FRANKLIN STREET **10 STORIES RESIDENTIAL BUILDING**





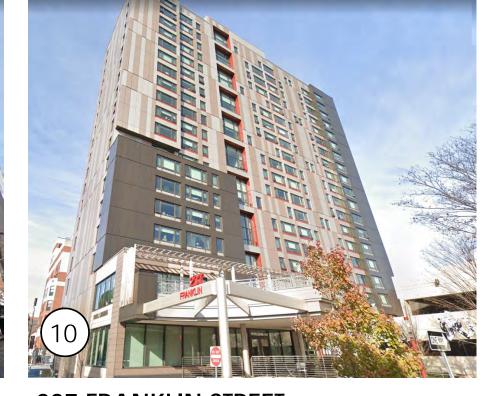
CHURCH CORNER APARTMENTS 10 MAGAZINE STREET **10 STORIES** RESIDENTIAL BUILDING



1 CENTRAL SQUARE 5 STORIES MIXED-USE BUILDING



10 SODEN STREET 5 1/2 STORIES RESIDENTIAL BUILDING



237 FRANKLIN STREET **19 STORIES** RESIDENTIAL BUILDING



CENTRAL SQUARE CHURCH **5 MAGAZINE STREET**



101 WESTERN AVENUE 7 STORIES RESIDENTIAL BUILDING



PROJECT NAME

PROJECT ADDRESS

CLIENT

ARCHITECT

18 PLEASANT ST

18 PLEASANT ST.

CAMBRIDGE, MA

RYAN WITTIG

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17 IVALOO STREET SUITE 400 SOMERVILLE, MA 02143 TELEPHONE: 617-591-8682

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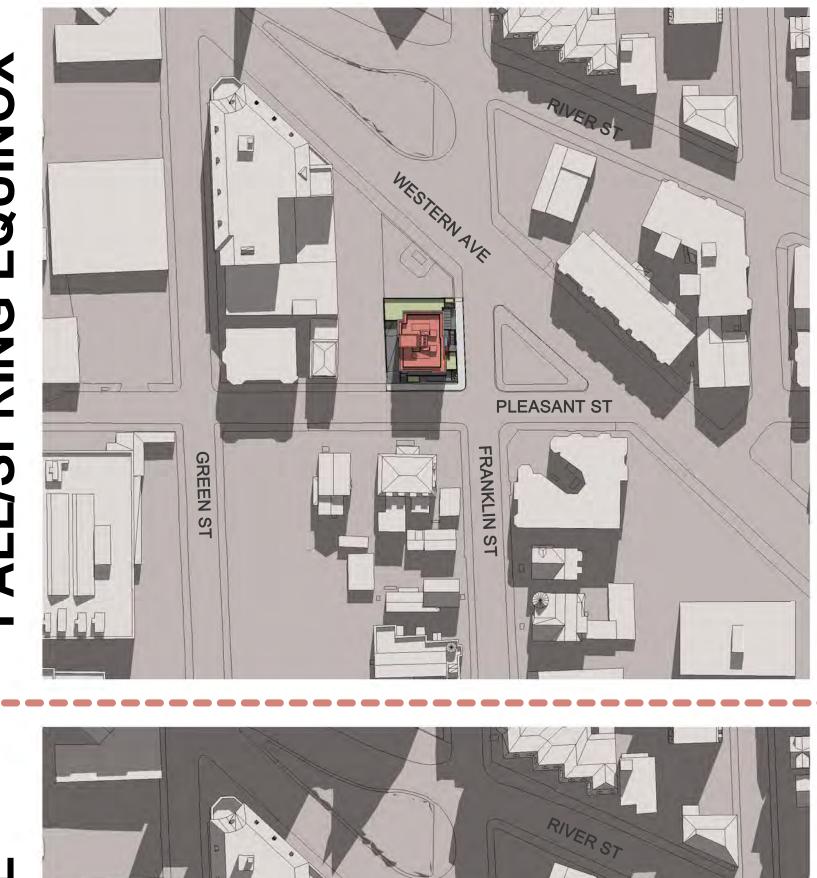


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No.	Description	Date	

NEIGHBORHOOD CONTEXT DIAGRAMS

> AV-5 18 PLEASANT ST

SOLSTICE



MORNING (9 AM - 10 AM)

NOON (12 PM - 1 PM)













18 PLEASANT ST

PROJECT ADDRESS

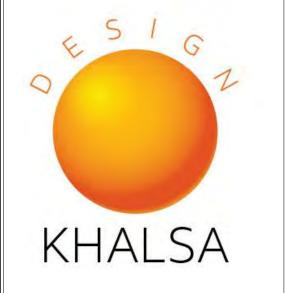
PROJECT NAME

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CLIENT

RYAN WITTIG

ARCHITECT



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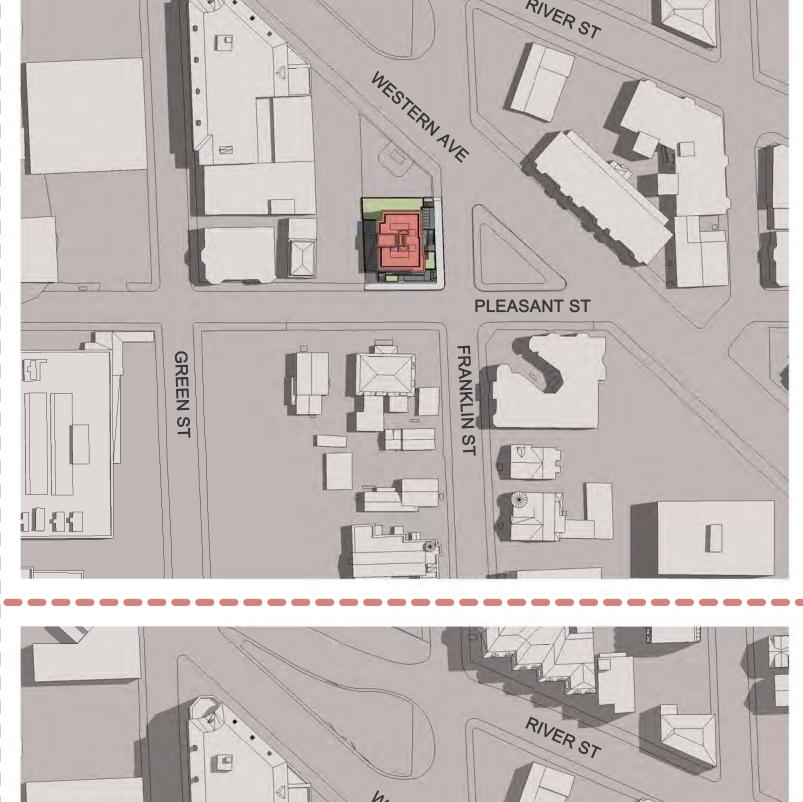
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Date		5/13/2022			
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Scale		1" = 80'-0"			
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No.	Description	Date			
	I				

SHADOW STUDY





AFTERNOON (3 PM - 4 PM)

CLIENT

RYAN WITTIG

ARCHITECT

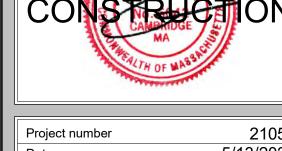


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No.	Description	Date

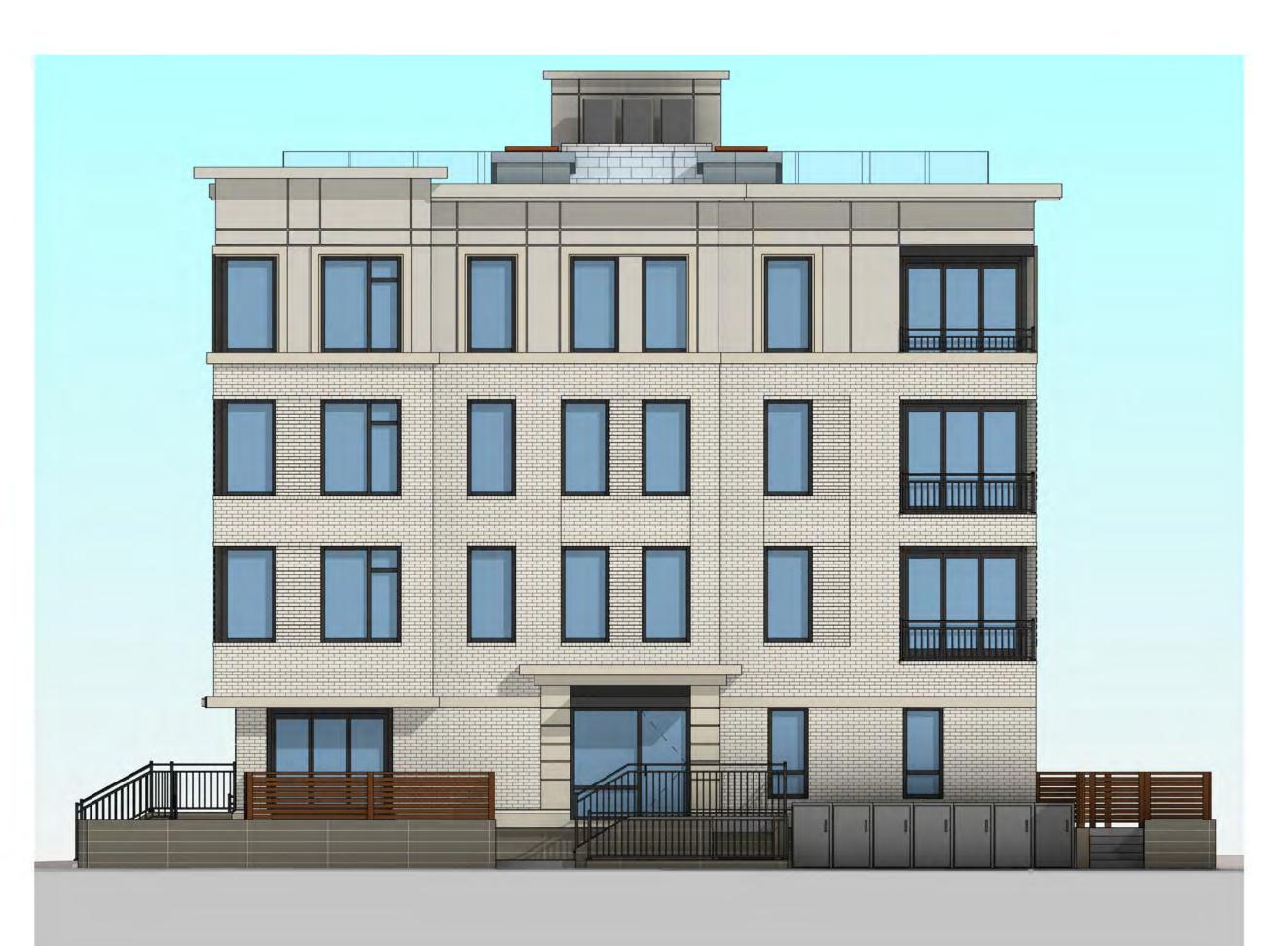
DESIGN SCHEME COMPARISON







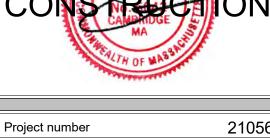






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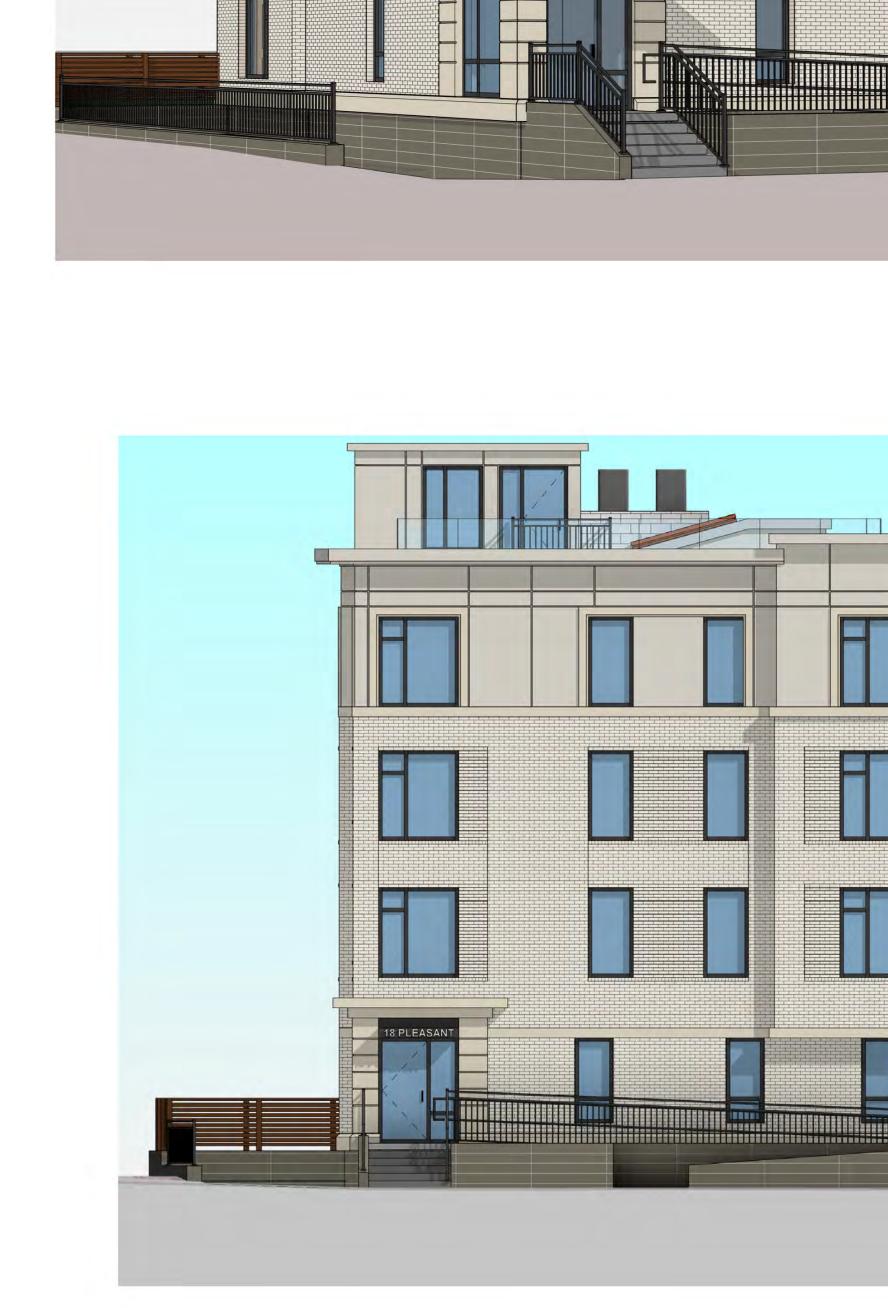


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REVISIONS			
No.	Description	Date	

DESIGN SCHEME COMPARISON

18 PLEASANT ST







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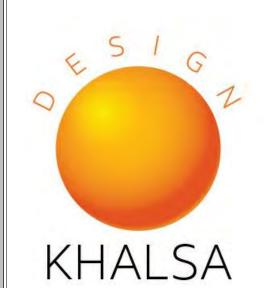
21056 Project number

PROJECT NAME

CLIENT

RYAN WITTIG

ARCHITECT



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Date		5/13/2022
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REVISI	ONS	
No.	Description	Date

DESIGN SCHEME COMPARISON

AV-9 18 PLEASANT ST



VIEW AT FRANKLIN ST & PLEASANT ST - PREVIOUS



VIEW AT WESTERN AVE - PREVIOUS





VIEW AT WESTERN AVE - CURRENT

City of
Cambridge

Cool Factor Score Sheet

Project Address	Special Permit Number	Total Lot Area (SF)		
18 Pleasant Street, Cam bridge M A	PB-XXX	4257		
Applicant Name	Phone Number	Open Space Requirement (%)		
Ryan W ittig	617-835-6037	20%	ŀ	◀
Applicant Contact / Address	Email Address	Includes High SRI Roof	SRI Value	
K invarra Capital, 667 Som enville A ve, Som enville M A 02143	ngan@kinyarracapital.com	□ Yes TRUE	t	⋖
Project Description		Result		
64U nirN ulti-fam ily sesidential developm ent, with 3-carpasking in basem ent gazage, located at the corner of Pleasant Street and Franklin	Pass			

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

Low slope roofs (i.e. ≤ 2.12) must have a minimum SRI of 82. Steep slope roofs (i.e. > 2.12) must have a minimum SRI of 39.

When entering strategies that are within 20' of the public right of way (column L), do not also enter them in column H.

			Outside 20' of PROW	Value Factor		Within 20' of PROW	Value Factor	Contributing Area	◀
Trees		Preserved Existing Trees							1
	A1	Understory tree currently <10' canopy spread	0	0.80	+	0	1.60		l
Enter the number of trees	A2	Understory tree currently >10' canopy spread	0	1.00	+	0	2.00		l
in each category. Count each tree only once on	A3	Canopy tree currently <15' canopy spread	0	0.80	+	0	1.60	-	1
this form.	A4	Canopy tree currently between 15' and 25' canopy spread	0	1.00	+	0	2.00		l
	A5	Canopy tree currently >25' canopy spread	0	1.20	+	0	2.40	-	1
		New or Transplanted Trees							1
	A6	Understory tree	0	0.60	+	0	1.20		1
	A7	Canopy tree	0	0.70	+	1	1.40	980	
Planting Areas	B1	Lawn	0	0.30		0	0.60	_	
Flanting Areas	B2	Low Planting	190	0.30		83	0.80	142	l
Enter area in square feet	B3	Planting	128	0.50		58	1.00	122	1
of each component in the box provided		5							
	C1	Green Façade	0	0.10	+	0	0.20	_	1
Green Roofs & Facades	C2	Living Wall	0	0.30		0	0.60		1
For definitions, see	С3	Green Roof	0	0.30	+	0	0.60	-	1
reference document.					+				1
	C4	Short Intensive Green Roof	100	0.50		0	1.00	50	1
	C5	Intensive Green Roof	54	0.60	+	0	1.20	32	
	וע	High-SKI Koot	кедигеа	N/A					•
Paving & Structures	D2	High-SRI Paving	0	0.1					1
	D3	High-SRI Shade Structure	0	0.2	+	0	0.40	_	1
									1
Project Summary		Partion of lot area utilizing green strategies	1			Total Contributing Area		1,327	1
		Portion of score from green strategies				Total Area Goal		851	1
		Portion of score from trees							١.
						COOL FACTOR SCORE		1.56	1
		Portion of score contributing to public realm cooling . 83%							1

High-SRI roofs are a prerequisite of the Cool Factor and therefore are not assigned a point value.

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