BLAIR SQUARE SITE IMPROVEMENTS

HOLLISTON, MASSACHUSETTS (Middlesex County)

OWNER/APPLICANT

Town of Holliston
703 Washington Street
Holliston, Massachusetts 01746

CIVIL ENGINEER AND LANDSCAPE ARCHITECT

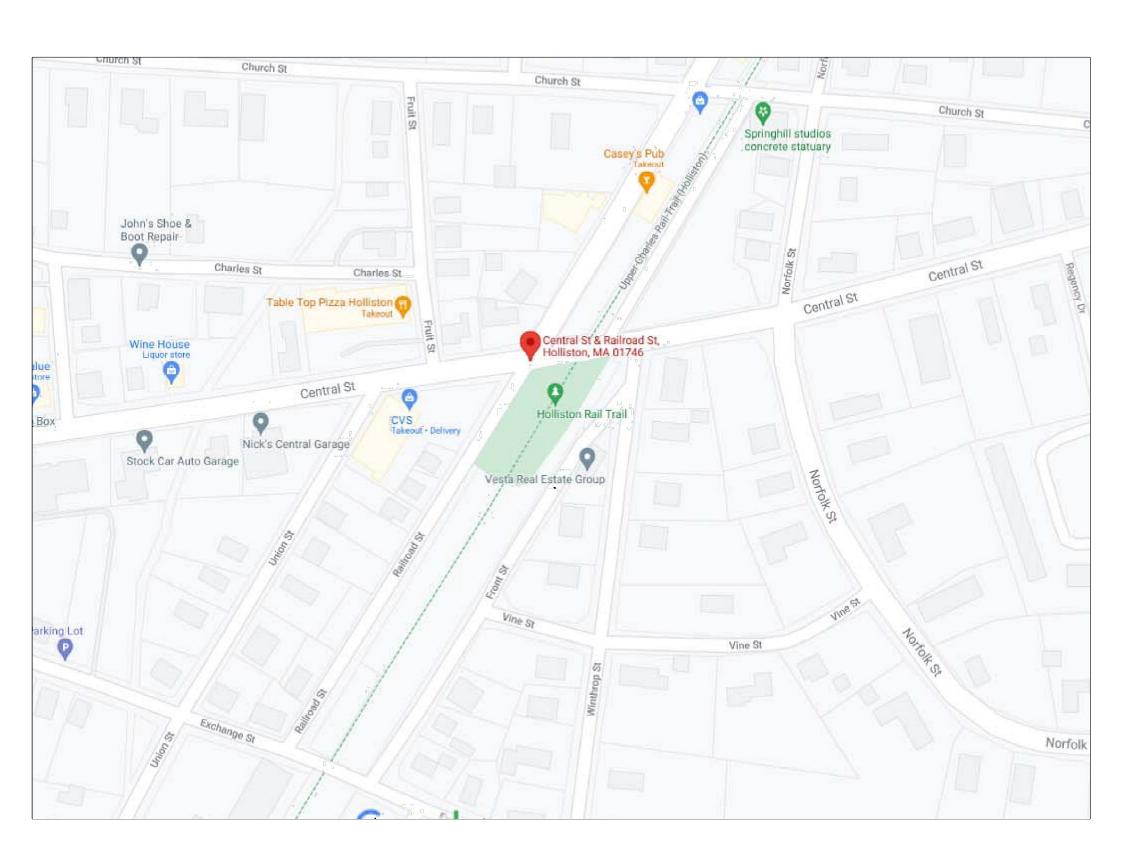
Beals and Thomas, Inc.
Reservoir Corporate Center
144 Turnpike Road
Southborough, Massachusetts 01772

LANDSCAPE ARCHITECTS

Inge Daniels Design, LLC | EMN Landscape Design + Consulting 24 Water St., Studio 3-1 | 4 Longfellow Road | Holliston, Ma. 01746 | Marblehead, Ma. 01945

SURVEYOR

GLM Engineering Consultants, Inc. 19 Exchange Street Holliston, Massachusetts 01746







100% Design Development - September 17, 2021

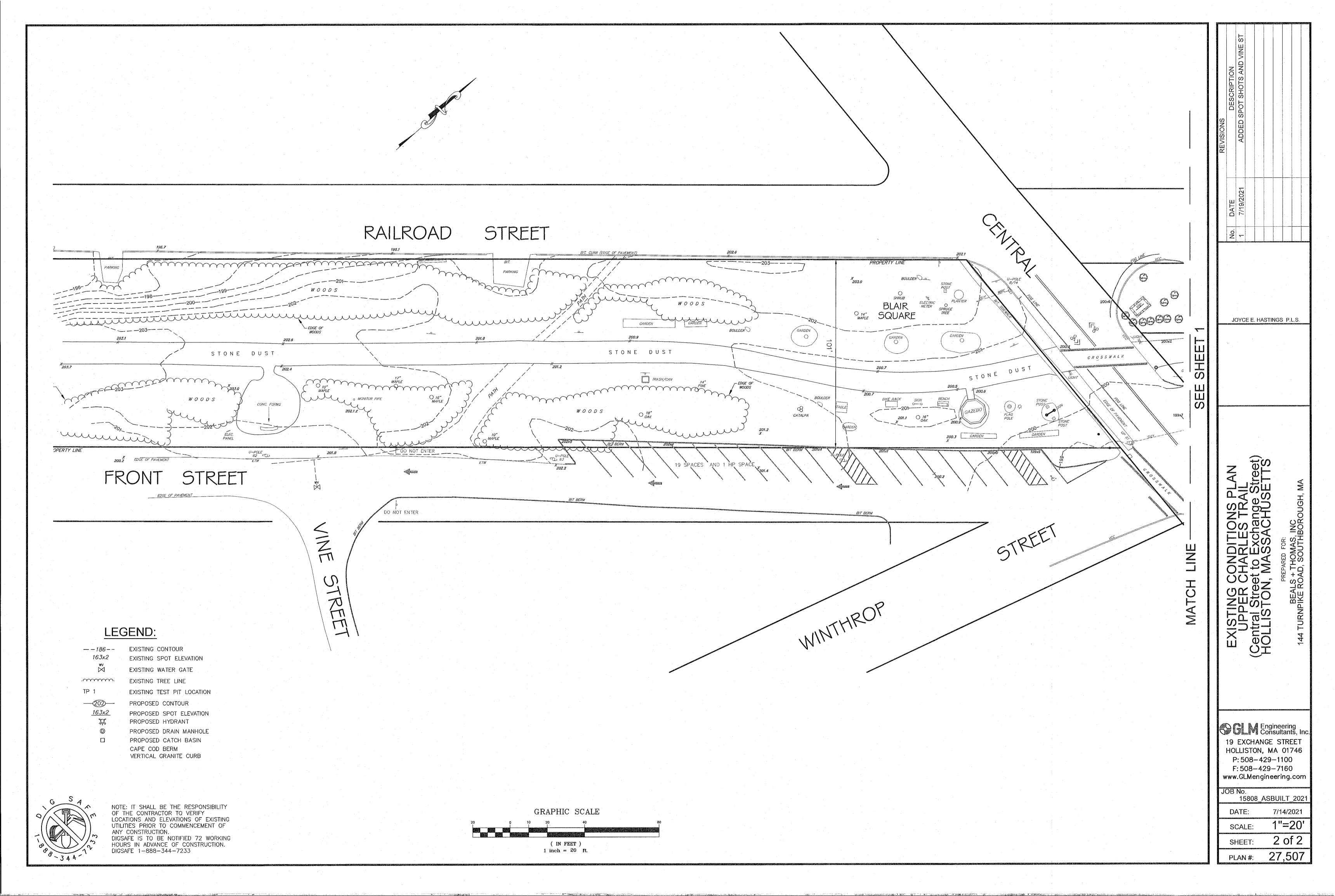
SHEET INDEX

	Cover Sheet	
	Existing Conditions Plan	
C1.1	Notes	
C2.1	Site Preparation	
C3.1	Layout and Materials	
C4.1	Grading and Drainage	
C5.1	Landscape and Lighting	
C6.1	Site Details	
C6.2	Site Details	
C6.3	Site Details	
Certifica	te of Action	
I attest t	hat the Planning Board voted to	
to annro	ve this Special Permit/Site Plan on	(date).

Job No.: 1439.03

Plan No.: 143903P004A-001

Sheet 1 of 10



GENERAL NOTES

- 1. THE CONTRACTOR SHALL MAKE NECESSARY CONSTRUCTION NOTIFICATIONS AND OBTAIN NECESSARY CONSTRUCTION PERMITS. THE CONTRACTOR SHALL PAY FEES AND POST BONDS ASSOCIATED WITH THE SAME, AND COORDINATE WITH THE ENGINEER AND ARCHITECT AS REQUIRED.
- 2. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY AND CONSTRUCTION MEANS AND METHODS.
- 3. LIMIT OF WORK SHALL BE SEDIMENTATION CONTROL BARRIERS, LIMIT OF GRADING, SITE PROPERTY LINES, AND/OR AS INDICATED ON DRAWINGS.
- 4. PORTIONS OF THE ROADWAY, SIDEWALK, AND ROADSIDE AREA DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED TO THEIR ORIGINAL CONDITION PRIOR TO DISTURBANCE. ANY AREA OUTSIDE THE LIMIT OF WORK THAT IS DISTURBED SHALL BE RESTORED TO ITS ORIGINAL
- 5. CONTRACTOR SHALL VERIFY UTILITY STUB LOCATIONS AND ELEVATIONS IN THE FIELD PRIOR TO COMMENCING WORK.
- 6. ANY ALTERATION TO THESE DRAWINGS MADE IN THE FIELD DURING CONSTRUCTION SHALL BE RECORDED BY THE CONTRACTOR ON RECORD DRAWINGS.
- 7. EXISTING TREES AND SHRUBS OUTSIDE THE LIMITS OF GRADING SHALL BE REMOVED ONLY UPON PRIOR APPROVAL OF THE OWNER.
- 8. CONTRACTORS AND SUBCONTRACTORS SHALL OBTAIN A TRENCH PERMIT PRIOR TO ANY TRENCHING ON SITE IN ACCORDANCE WITH 520 CMR 14.00.
- 9. FOR DRAWING LEGIBILITY, ALL EXISTING TOPOGRAPHIC FEATURES, EXISTING UTILITIES, PROPERTY BOUNDARIES, EASEMENTS, ETC. MAY NOT BE SHOWN ON ALL DRAWINGS. REFER TO ALL REFERENCED DRAWINGS AND OTHER DRAWINGS IN THIS SET FOR ADDITIONAL INFORMATION.

EROSION CONTROL AND SEDIMENTATION NOTES

- 1. A SEDIMENT CONTROL BARRIER SHALL BE INSTALLED ALONG THE EDGE OF PROPOSED WORK AS INDICATED ON THE PLANS PRIOR TO THE COMMENCEMENT OF DEMOLITION OR CONSTRUCTION.
- 2. CONTRACTOR SHALL CLEAN AND MAINTAIN ALL SEDIMENT AND EROSION CONTROL MEASURES FOR THE DURATION OF CONSTRUCTION TO ENSURE THEIR CONTINUED FUNCTIONALITY.
- 3. ADDITIONAL EROSION CONTROL MEASURES AND/OR SEDIMENT CONTROL BARRIERS SHALL BE IMPLEMENTED AS CONDITIONS WARRANT OR AS DIRECTED BY THE OWNER OR OWNER'S REPRESENTATIVE.
- 4. EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSPECTED AND MAINTAINED ON A DAILY BASIS DURING CONSTRUCTION TO ENSURE THAT CHANNELS, DITCHES, AND PIPES REMAIN CLEAR OF DEBRIS AND THAT THE EROSION AND SEDIMENTATION CONTROL MEASURES ARE INTACT.
- 5. ALL POINTS OF CONSTRUCTION EGRESS OR INGRESS SHALL BE MAINTAINED TO PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC WAYS. ANY SEDIMENT TRACKED ONTO PUBLIC WAYS SHALL BE SWEPT AT THE END OF EACH WORKING DAY.
- 6. ALL STOCKPILE AREAS SHALL BE LOCATED WITHIN LIMIT OF WORK LINE AND STABILIZED TO
- 7. ALL DEBRIS GENERATED DURING SITE PREPARATION ACTIVITIES SHALL BE LEGALLY DISPOSED OF
- 8. CONTRACTOR SHALL PROVIDE CRIBBING AS NECESSARY TO PROTECT EXISTING UTILITY LINES DURING CONSTRUCTION.
- 9. SITE ELEMENTS TO REMAIN SHALL BE PROTECTED FOR THE DURATION OF CONSTRUCTION.
- 10. ALL TOPSOIL ENCOUNTERED WITHIN THE LIMIT OF WORK SHALL BE STRIPPED TO ITS FULL DEPTH AND STOCKPILED FOR REUSE. EXCESS TOPSOIL SHALL BE DISPOSED OF ON SITE AS DIRECTED BY OWNER. TOPSOIL STOCKPILES SHALL REMAIN SEGREGATED FROM OTHER EXCAVATED SOIL
- 12. TEMPORARY DIVERSION DITCHES, PERMANENT DITCHES, CHANNELS, EMBANKMENTS, AND ANY DENUDED SURFACE WHICH WILL BE EXPOSED FOR A PERIOD OF ONE MONTH OR MORE SHALL BE CONSIDERED CRITICAL VEGETATION AREAS. THESE AREAS SHALL BE MULCHED WITH STRAW. MULCH SHALL BE SPREAD UNIFORMLY IN A CONTINUOUS BLANKET OF SUFFICIENT THICKNESS TO COMPLETELY HIDE THE SOIL FROM VIEW.
- 13. AREAS IDENTIFIED AS CRITICAL VEGETATION AREAS SHALL BE STABILIZED DURING CONSTRUCTION BY SEEDING WITH ANNUAL RYE GRASS AT THE RATE OF FORTY (40) LBS/ACRE.
- 14. CONTRACTOR SHALL PROVIDE DUST CONTROL BY SPRINKLING OR OTHER APPROVED METHODS NECESSARY AND/OR AS DIRECTED BY THE OWNER OR THEIR REPRESENTATIVE.
- 15. FILTER BAGS SHALL BE INSTALLED IN ALL EXISTING CATCH BASINS PRIOR TO COMMENCEMENT OF CONSTRUCTION. FILTER BAGS SHALL ALSO BE INSTALLED IN ALL NEWLY INSTALLED CATCH BASIN PRIOR TO PERMANENT PAVEMENT INSTALLATION TO CONTROL SILTATION.

LAYOUT AND MATERIALS NOTES

PREVENT EROSION.

- 1. ALL LINES AND DIMENSIONS ARE PARALLEL OR PERPENDICULAR TO THE LINES FROM WHICH THEY ARE MEASURED UNLESS OTHERWISE INDICATED.
- 2. CONTRACTOR SHALL VERIFY ALL CONDITIONS IN THE FIELD AND REPORT ANY DISCREPANCIES TO THE OWNER AND OWNER'S REPRESENTATIVE FOR RESOLUTION.
- 3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN SITE PLAN DIMENSIONS AND BUILDING PLANS BEFORE PROCEEDING WITH ANY PORTION OF SITE WORK WHICH MAY BE AFFECTED SO THAT PROPER ADJUSTMENTS TO THE SITE LAYOUT CAN BE MADE IF
- 4. ACCESSIBLE RAMPS SHALL BE CONSTRUCTED PER MASSACHUSETTS STATE CODE AND THE AMERICANS WITH DISABILITIES ACT (ADA) ACCESSIBILITY GUIDELINES (WHICHEVER IS MORE
- 5. CONTRACTOR SHALL PROTECT EXISTING PROPERTY MONUMENTS AND ABUTTING PROPERTIES DURING CONSTRUCTION.

GRADING, DRAINAGE AND UTILITY NOTES

- 1. UNDERGROUND UTILITIES WERE COMPILED FROM AVAILABLE RECORD PLANS OF UTILITY COMPANIES AND PUBLIC AGENCIES AND ARE APPROXIMATE AND ASSUMED. BEFORE COMMENCING SITE WORK CONTACT "DIG SAFE" AT 1-888-344-7233 TO LOCATE UNDERGROUND UTILITIES. ANY DAMAGE TO EXISTING UTILITIES OR STRUCTURES SHALL BE THE CONTRACTOR'S RESPONSIBILITY. NO EXCAVATION SHALL BE PERFORMED UNTIL UTILITY COMPANIES ARE PROPERLY NOTIFIED.
- 2. SITE WORK SHALL MEET OR EXCEED THE SITE WORK SPECIFICATIONS DATED XX/XX/XX PREPARED FOR THIS PROJECT.
- 3. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT CONFLICT WITH ANY KNOWN EXISTING OR OTHER PROPOSED IMPROVEMENTS. IF ANY CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER AND THE ENGINEER PRIOR TO INSTALLATION OF ANY PORTION OF THE SITE WORK WHICH COULD BE
- 4. WORK PERFORMED AND MATERIALS FURNISHED SHALL CONFORM WITH THE LINES, GRADES AND OTHER SPECIFIC REQUIREMENTS AND SPECIFICATIONS OF THE TOWN OF HOLLISTON DPW.
- 5. AT LOCATIONS WHERE EXISTING CURBING OR PAVEMENT ABUTS NEW CONSTRUCTION, THE EDGE OF THE EXISTING CURB OR PAVEMENT SHALL BE SAW CUT TO A CLEAN, SMOOTH EDGE. BLEND NEW PAVEMENT, CURBS AND EARTHWORK SMOOTHLY INTO EXISTING BY MATCHING LINES, GRADES AND JOINTS. PITCH EVENLY BETWEEN SPOT GRADES. GRADE ALL AREAS TO DRAIN.
- 6. CONTRACTOR SHALL VERIFY EXISTING GRADES IN THE FIELD AND REPORT ANY DISCREPANCIES IMMEDIATELY TO THE ENGINEER.
- 7. GRADES SHALL PITCH EVENLY BETWEEN SPOT ELEVATIONS. PAVED AREAS MUST PITCH TO DRAIN AT A MINIMUM OF 1/8" PER FOOT UNLESS SPECIFIED OTHERWISE. ANY DISCREPANCIES NOT ALLOWING THIS MINIMUM PITCH SHALL BE REPORTED TO THE ENGINEER PRIOR TO CONTINUING
- 8. THE CONTRACTOR SHALL SCHEDULE WORK TO ALLOW THE FINISHED SUBGRADE ELEVATIONS TO DRAIN PROPERLY WITHOUT PUDDLING OR PONDING. SPECIFICALLY, ALLOW WATER TO ESCAPE WHERE PROPOSED CURB MAY RETAIN RUNOFF PRIOR TO APPLICATION OF THE FINISH GRADE AND/OR SURFACE PAVING. CONTRACTOR SHALL PROVIDE TEMPORARY POSITIVE DRAINAGE AS
- 9. THE CONTRACTOR SHALL MAKE ARRANGEMENTS WITH THE RESPECTIVE UTILITY COMPANIES FOR THE ALTERATION AND ADJUSTMENT OF GAS, ELECTRIC, TELEPHONE, AND ANY OTHER PRIVATE UTILITIES,
- 10. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED TO THE OWNER AND ENGINEER FOR RESOLUTION.
- 11. UTILITY COVERS, GRATES, ETC. SHALL BE ADJUSTED TO BE FLUSH WITH THE PAVEMENT FINISH GRADE UNLESS OTHERWISE NOTED. RIM ELEVATIONS OF DRAINAGE STRUCTURES AND SANITARY SEWER MANHOLES ARE APPROXIMATE.
- 12. CONTRACTOR SHALL INSTALL UTILITIES (INCLUDING CONCRETE PADS) PER UTILITY COMPANY AND DPW STANDARDS.
- 13. DRAINAGE PIPE SHALL BE SMOOTH WALLED CORRUGATED POLYETHYLENE PIPE (ADS N-12 OR APPROVED EQUAL) EXCEPT WHERE NOTED OTHERWISE.
- 14. RIPRAP APRONS SHALL BE PROVIDED AT DRAIN/CULVERT OUTLETS.
- 15. WATER PIPE SHALL BE CLASS 52 CEMENT LINED DUCTILE IRON. WATER SERVICES SHALL BE COPPER TYPE K OR PE AS REQUIRED BY THE WATER DEPARTMENT.
- 16. WATER UTILITY IMPROVEMENTS SHALL COMPLY WITH THE AMERICAN WATERWORKS ASSOCIATION STANDARDS AND THE TOWN OF HOLLISTON WATER DEPARTMENT SPECIFICATIONS.
- 17. WATER LINES SHALL HAVE MINIMUM FIVE (5) FEET OF COVER.
- 18. CONTRACTOR SHALL PROTECT UNDERGROUND UTILITIES FROM EXCESSIVE VEHICULAR LOADS DURING CONSTRUCTION. ANY DAMAGE TO THE UTILITIES RESULTING FROM CONSTRUCTION LOADS SHALL BE RESTORED TO ORIGINAL CONDITION.
- 19. GAS, ELECTRIC, TELEPHONE AND FIRE ALARM CONNECTION LOCATIONS AND ROUTING ARE SUBJECT TO REVIEW AND APPROVAL BY APPROPRIATE UTILITY COMPANIES AND FIRE DEPARTMENT. CONTRACTOR SHALL COORDINATE CONNECTION TO MUNICIPAL FIRE ALARM.
- 20. EXCAVATION WITHIN THE PROXIMITY OF EXISTING UTILITY LINES SHALL BE PERFORMED BY HAND. CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING UTILITY LINES OR STRUCTURES INCURRED DURING CONSTRUCTION OPERATIONS AT NO COST TO THE OWNER.
- 21. UNLESS OTHERWISE INDICATED, EXISTING UTILITIES TO BE ABANDONED SHALL BE CAPPED AND ABANDONED IN PLACE UNLESS THEY CONFLICT WITH PROPOSED IMPROVEMENTS. CAP REMAINING PORTIONS WHERE PARTIALLY REMOVED.
- 22. ABANDON EXISTING UTILITY SERVICES IN ACCORDANCE WITH UTILITY COMPANY AND CITY/TOWN
- 23. CONTRACTOR SHALL REMOVE ALL EROSION AND SEDIMENT CONTROL BARRIERS AFTER RE-VEGETATION AND STABILIZATION OF DISTURBED AREAS, FOLLOWING APPROVAL OF THE CONSERVATION COMMISSION AND WETLAND SPECIALIST.

PLANTING NOTES

- 1. PLANT MATERIAL SHALL CONFORM TO THE MINIMUM GUIDELINES ESTABLISHED BY THE AMERICAN STANDARD FOR NURSERY STOCK PUBLISHED BY THE AMERICAN HORTICULTURE INDUSTRY
- 2. ANY PROPOSED SUBSTITUTIONS OF PLANT MATERIAL SHALL BE MADE WITH MATERIAL EQUIVALENT TO THE DESIRED MATERIAL IN OVERALL FORM, HEIGHT, BRANCHING HABIT, FLOWER, LEAF, COLOR, FRUIT AND CULTURE. PROPOSED SUBSTITUTIONS WILL ONLY BE CONSIDERED IF SUBMITTED WITH ENUMERATED REASONS WHY SUBSTITUTIONS ARE PROPOSED.
- 3. PLANTING BEDS SHALL BE FILLED WITH SOIL AND CROWNED ABOVE ADJACENT LAWN OR IMPROVED AREAS. PLANTING BEDS SHALL BE MULCHED WITH AGED PINE BARK MULCH TO A DEPTH OF THREE (3) INCHES.
- 4. CAUTION SHALL BE USED NOT TO EXTEND MULCH LAYER ABOVE SOIL LEVEL AT TRUNKS/STEMS OF
- 5. PROVIDE FIVE (5) FOOT DIAMETER MULCH CIRCLE AROUND INDIVIDUAL TREE PLANTINGS AND
- 6. VERIFY ALL EXISTING UTILITY LINES PRIOR TO PLANTING AND REPORT ANY CONFLICTS TO THE
- 7. NO PLANT SHALL BE PLANTED BEFORE ACCEPTANCE OF ROUGH GRADING.
- 8. PLANT MATERIALS SHALL BEAR SAME RELATIONSHIP TO GRADE AS THEY BORE TO GRADE IN THE
- 9. PLANT MATERIALS SHALL BE GUARANTEED FOR ONE YEAR FOLLOWING DATE OF FINAL ACCEPTANCE.
- 10. LOAM AND SEED DISTURBED AREAS UNLESS OTHERWISE INDICATED.
- 11. REGRADE STOCKPILE AREA AFTER REMOVAL OF SURPLUS MATERIALS (SEE SITE WORK SPECIFICATIONS). LOAM AND SEED THE DISTURBED AREA.
- ENGINEER, BE USED FOR PREPARATION OF LAWNS AND PLANTING BEDS. IT SHALL BE FREE OF LARGE (ONE (1) INCH OR GREATER) COBBLES, ROOTS, OLD SOD, TRASH, WOOD OR OTHER
- 16. LANDSCAPE CONTRACTOR SHALL FURNISH TOPSOIL AS NEEDED. TOPSOIL SHALL BE FERTILE, FRIABLE, NATURAL AND PRODUCTIVE TOPSOIL OF GOOD CLAY-LOAM TYPE. IT SHALL BE FREE OF WEED SEEDS. TOPSOIL SHALL BE WITHOUT ADMIXTURE OF SUBSOIL AND SHALL BE REASONABLY FREE OF STONES, LUMPS, ROOTS, STICKS AND OTHER FOREIGN MATTER. TOPSOIL SHALL NOT BE
- 17. PEAT AND ORGANIC MATERIAL STRIPPED FROM AN ALTERED WETLAND SHALL BE PROPERLY STOCKPILED AND USED FOR PREPARATION OF PROPOSED WETLAND AREA. WETLAND SEED SHALL BE FRESH, RECLEANED SEED OF THE LATEST CROP. WETLAND SEED SHALL BE DELIVERED TO THE SITE IN THE ORIGINAL CONTAINERS WHICH SHALL BEAR THE VENDOR'S GUARANTEE OF ANALYSIS.
- 18. TOPSOIL SHALL BE SPREAD TO A MINIMUM DEPTH OF FOUR (4) INCHES ON ALL STRIPPED PLANTED AREAS INCLUDING SLOPE STABILIZATION, LAWN AREAS, AND PLANTING BEDS AFTER EARTH FILLS HAVE PROPERLY SETTLED AND SUBGRADE HAS BEEN APPROVED BY THE OWNER. THE SETTLED TOPSOIL SHALL BE UP TO THE FINISHED GRADE AS REQUIRED ON THE DRAWINGS. SCARIFY SUBGRADE TO A DEPTH OF TWO (2) INCHES BEFORE PLACING TOPSOIL.
- 19. REMOVE ALL ROCKS AND DEBRIS FROM SOIL SURFACE AND GRADE TO AN EVEN SURFACE.
- 20. PLANTING SEED SHALL BE SOWN IN SEASONAL CONDITIONS AS APPROPRIATE FOR GOOD SEED SURVIVAL, OR AT SUCH TIMES AS APPROVED BY THE OWNER. PROVIDE SUFFICIENT HOSE AND
- 21. AFTER SEEDING, THE SURFACE OF THE SOIL SHALL BE EVENLY RAKED WITH A FINE-TOOTHED RAKE AND THEN ROLLED WITH A HAND ROLLER WEIGHING NOT LESS THAN ONE HUNDRED (100) POUNDS
- 22. WATER THE MULCH AND SEED BEDS THOROUGHLY AND IMMEDIATELY AFTER COMPLETION OF MULCHING AND SEEDING OPERATIONS. SOIL SHALL BE MOISTENED TO A DEPTH OF FOUR (4) INCHES. CONTRACTOR SHALL INSTRUCT OWNERS REPRESENTATIVE ON APPROPRIATE WATERING
- 23. IF CERTAIN AREAS OF THE LAWN DO NOT SHOW A PROMPT "CATCH", THESE AREAS SHALL BE RESEEDED AT THE SAME RATE AND IN THE SAME MANNER IN TEN (10) DAY INTERVALS. THIS SEEDING PROCESS SHALL CONTINUE UNTIL A GROWTH OF GRASS IS ESTABLISHED OVER THE ENTIRE
- 24. PROTECT NEWLY TOPSOILED, GRADED AND/OR SEEDED AREAS FROM TRAFFIC AND EROSION. KEEP AREAS FREE OF TRASH AND DEBRIS RESULTING FROM LANDSCAPE CONTRACTOR OPERATIONS.
- 27. THE LANDSCAPE CONTRACTOR SHALL CLEAN UP AND REMOVE ANY DEBRIS FROM THE SITE CAUSED BY THE LANDSCAPE CONTRACTOR OR THEIR SUBCONTRACTORS.
- INCLUDE PEAT AND SLOW RELEASE FERTILIZER. BEDS SHALL BE SKIMMED WITH ONE AND
- LIGHTING NOTES
- 1. DIMENSIONS FOR LIGHT LOCATIONS ARE TO THE CENTER OF MOUNTING POLES.
- 2. LIGHT MOUNTING POLES SHALL BE LOCATED A MINIMUM OF FIVE (5) FEET FROM BACK OF CURB. POLES SHALL BE FLUSH WITH GRADE UNLESS OTHERWISE NOTED.

3. CUTOFF LUMINAIRE FIXTURES SHALL BE UTILIZED TO ENSURE NO OFF SITE GLARE IS CREATED.

- INSTALLED PLANT MATERIAL.
- CONTINUOUS MULCH BED AROUND SHRUB PLANTINGS UNLESS NOTED OTHERWISE.
- OWNER OR OWNER'S REPRESENTATIVE.

- 15. TOPSOIL STRIPPED FROM THE SITE AND PROPERLY STOCKPILED MAY, UPON APPROVAL OF THE
- CONTAMINANTS AND BE OF A FRIABLE CONSISTENCY AND SUITABLE FOR PLANT GROWTH.
- WORKED OR APPLIED IN A MUDDY OR WET CONDITION.

- SPRINKLER HEADS FOR ADEQUATE WATERING TO MAINTAIN A MOIST SEED BED AT ALL TIMES.
- PER FOOT OF WIDTH.
- PROCEDURES DURING INITIAL ESTABLISHMENT.
- 25. PLACE WARNING SIGNS IN SEEDED AREAS AND ERECT BARRICADES TO PREVENT DAMAGE BY PERSONS OR MACHINES; MAINTAIN THESE PROTECTIONS FOR AT LEAST THIRTY (30) DAYS.
- 26. REPAIR AND RE-ESTABLISH GRADES IN SETTLED, ERODED, AND RUTTED AREAS TO THE SPECIFIED GRADE AND TOLERANCES.
- 28. PLANT MATERIAL SHALL BE MAINTAINED BY THE LANDSCAPE CONTRACTOR FOR THE DURATION OF
- 29. PERENNIALS, BULBS AND ANNUALS SHALL BE PLANTED IN A WELL PREPARED BED WHICH SHALL ONE-HALF (1-1/2) INCH TO TWO (2) INCH MULCH (INCLUDING GROUND COVERS).
- 30. TREES ALONG SIDEWALKS SHALL HAVE A MINIMUM SIX (6) FOOT BRANCHING HEIGHT.

PREPARED FOR:

TOWN OF

703 WASHINGTON STREET HOLLISTON, MASSACHUSETTS

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LANDSCAPE COLLECTIVE Inge Daniels Design, LLC | EMN Landscape 24 Water Street, 3-1 Design + Consulting Holliston, MA 01746 4 Longfellow Road inge@idd.la Marblehead, MA, 01945 617.899.5643 elise@emnlandscape.com 781.504.5598 1 | 09/17/2021 | 100% DD 0 | 08/10/2021 | 90% DD ISSUE DATE DESCRIPTION

| PROJECT: BLAIR SQUARE SITE **IMPROVEMENTS**

DES | DWN | CHK'D | APP'D

HOLLISTON, MASSACHUSETTS

SCALE: 1'' = 20' DATE: SEPTEMBER 17, 2021

NOTES

B+T JOB NO.1439.03

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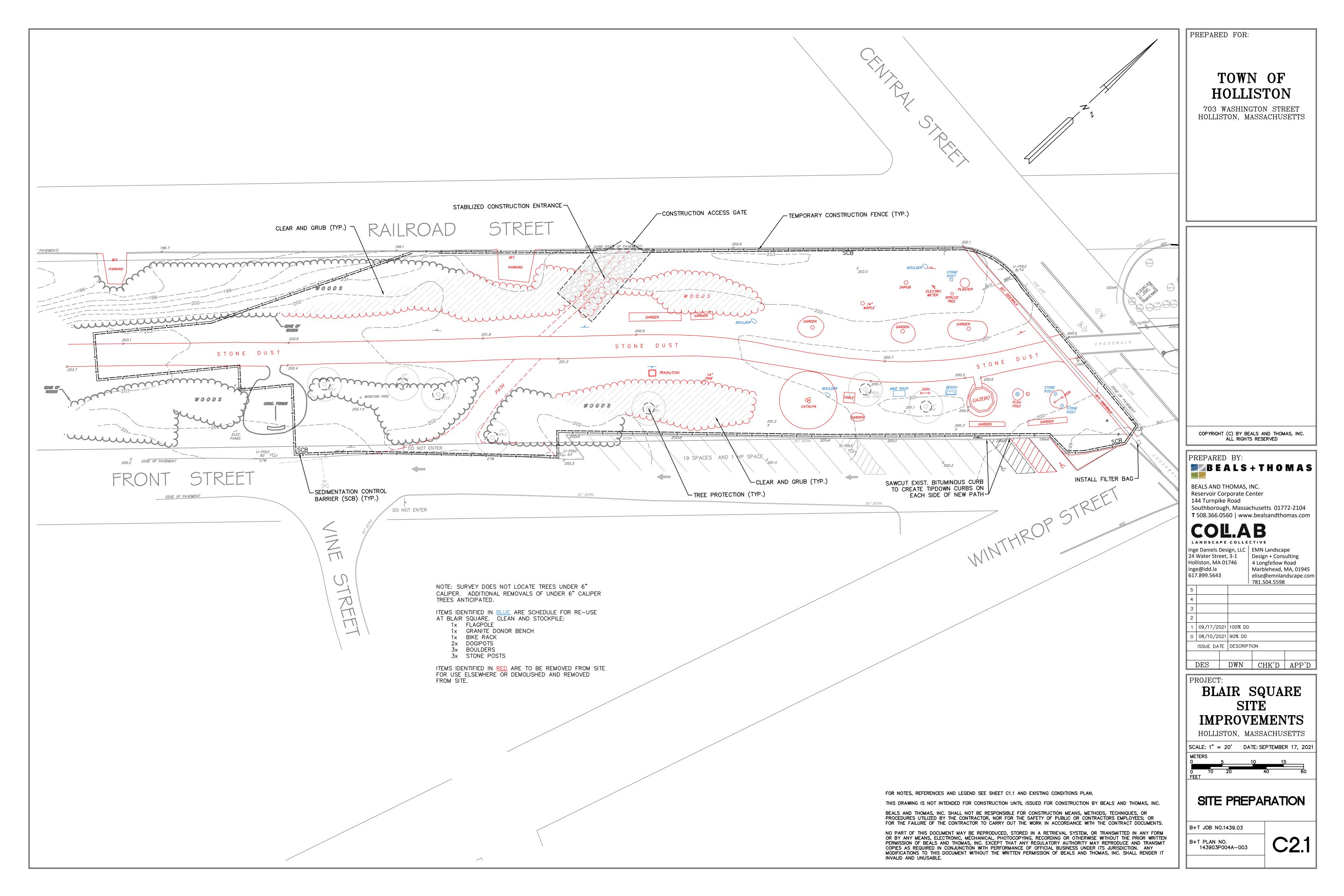
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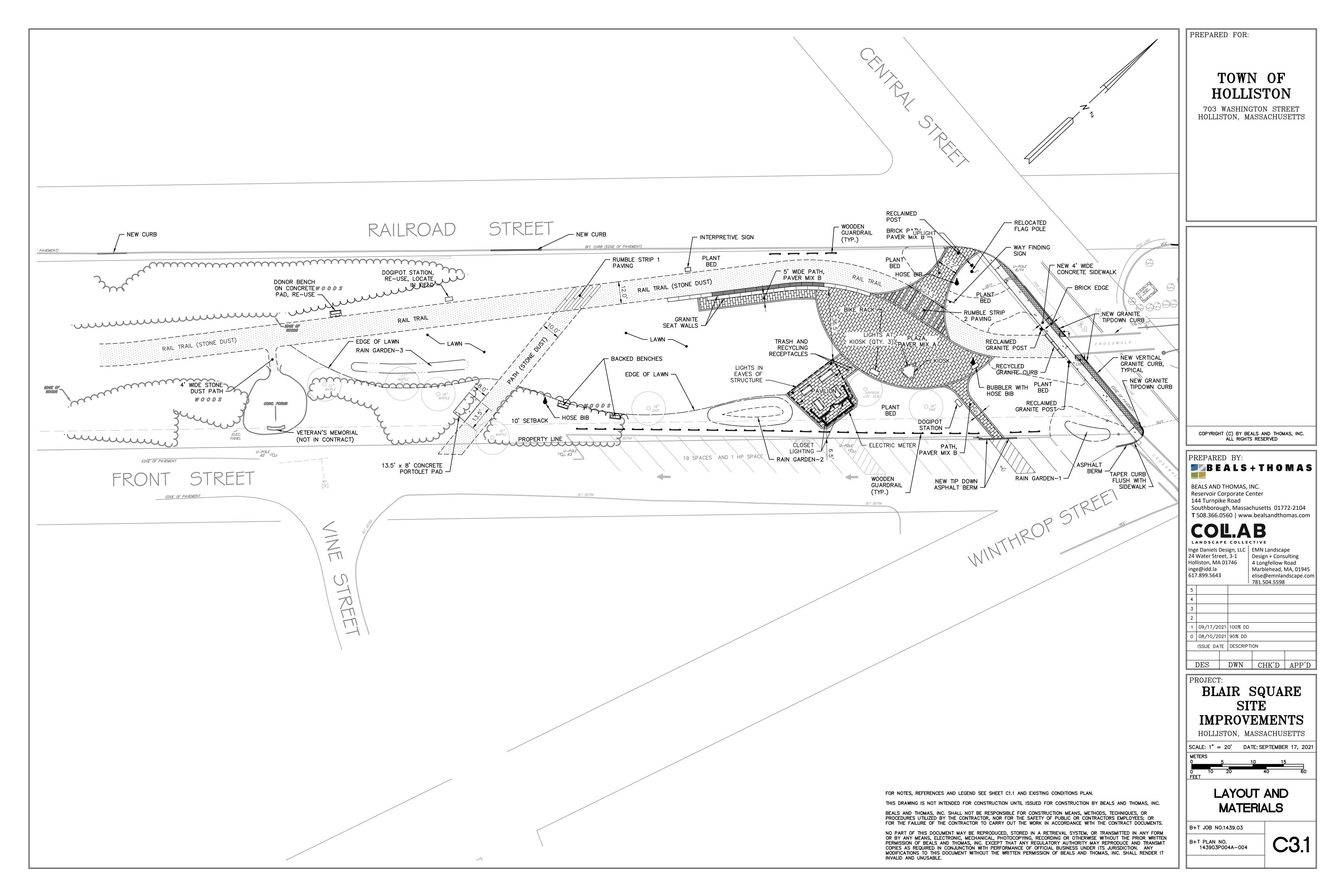
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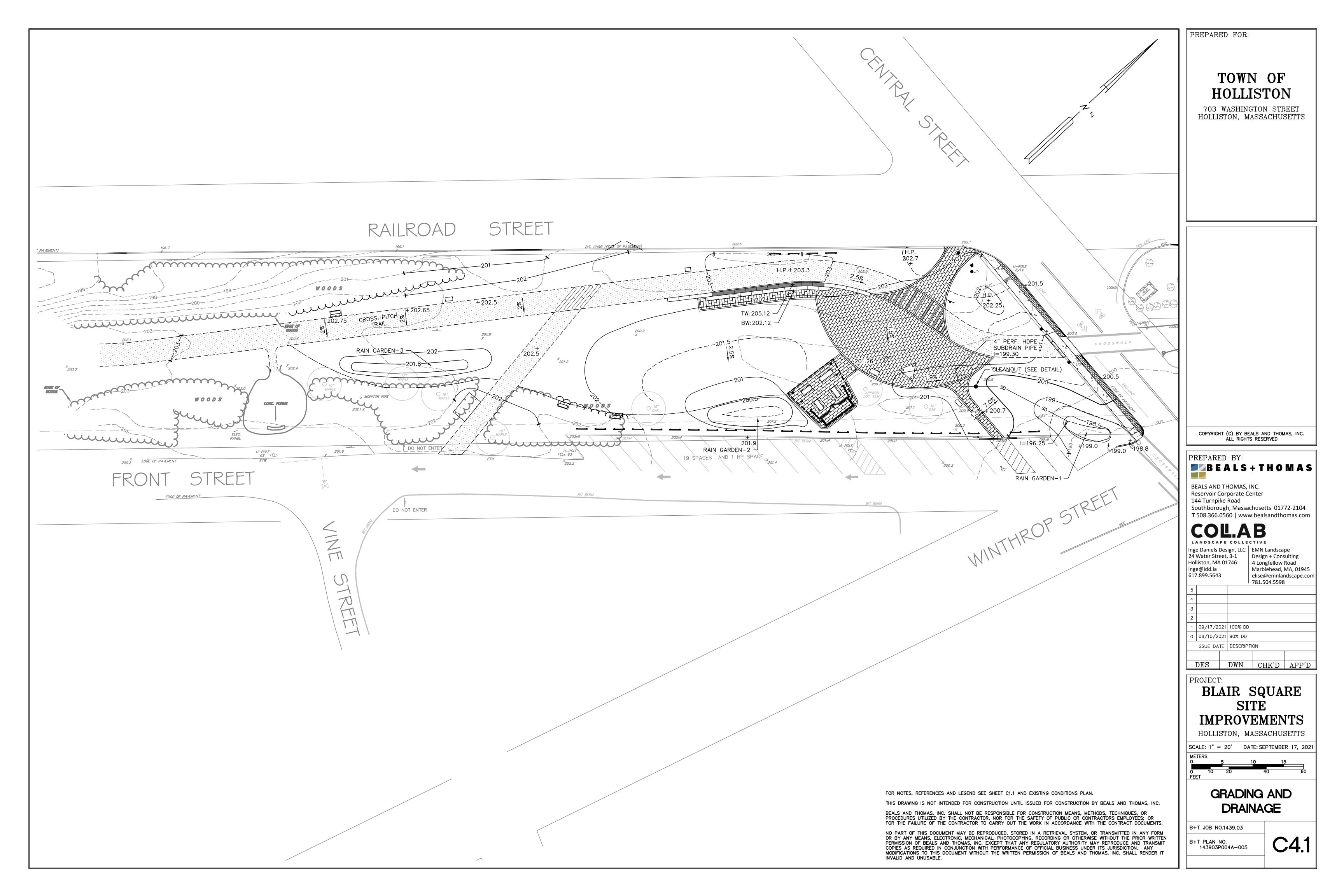
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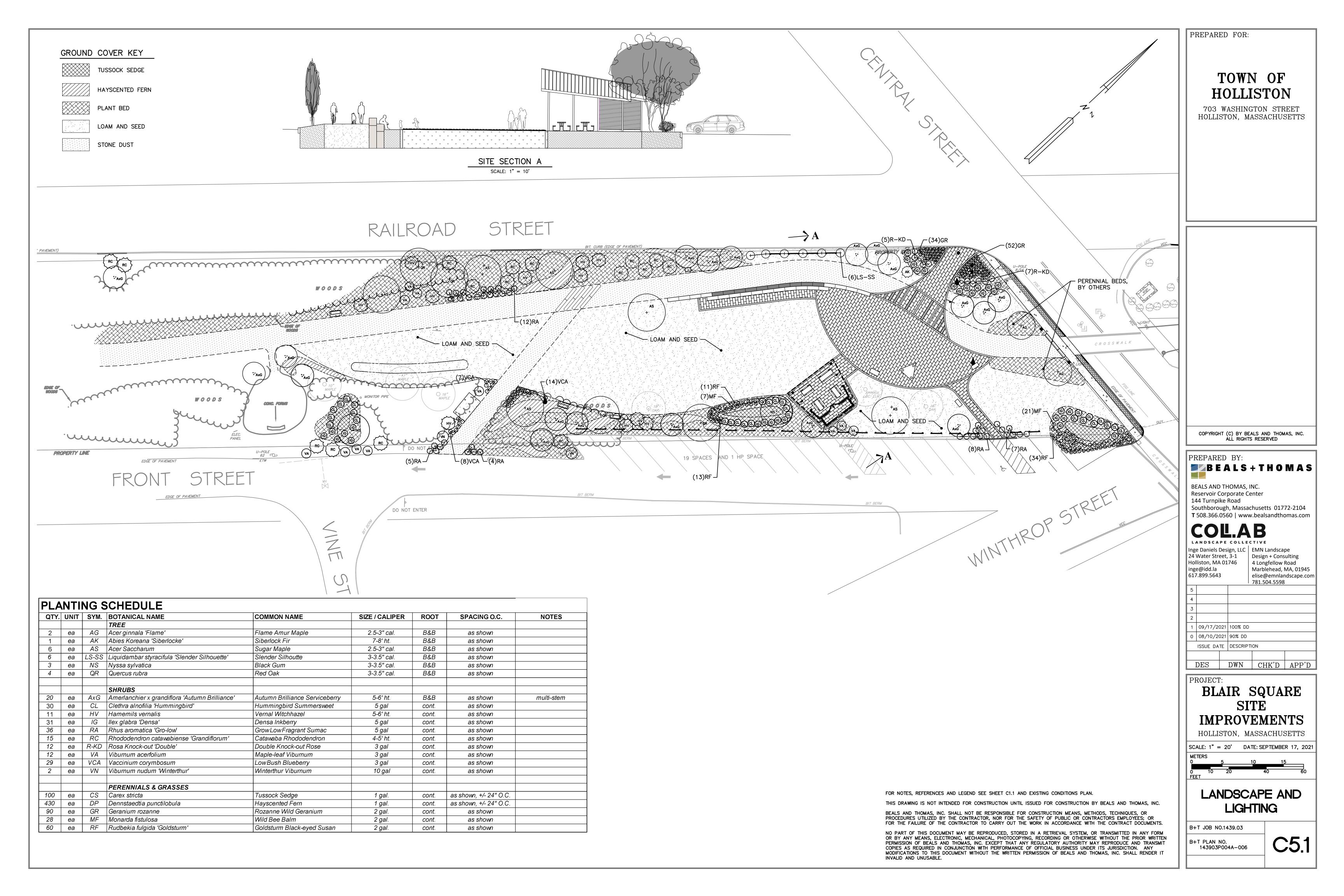
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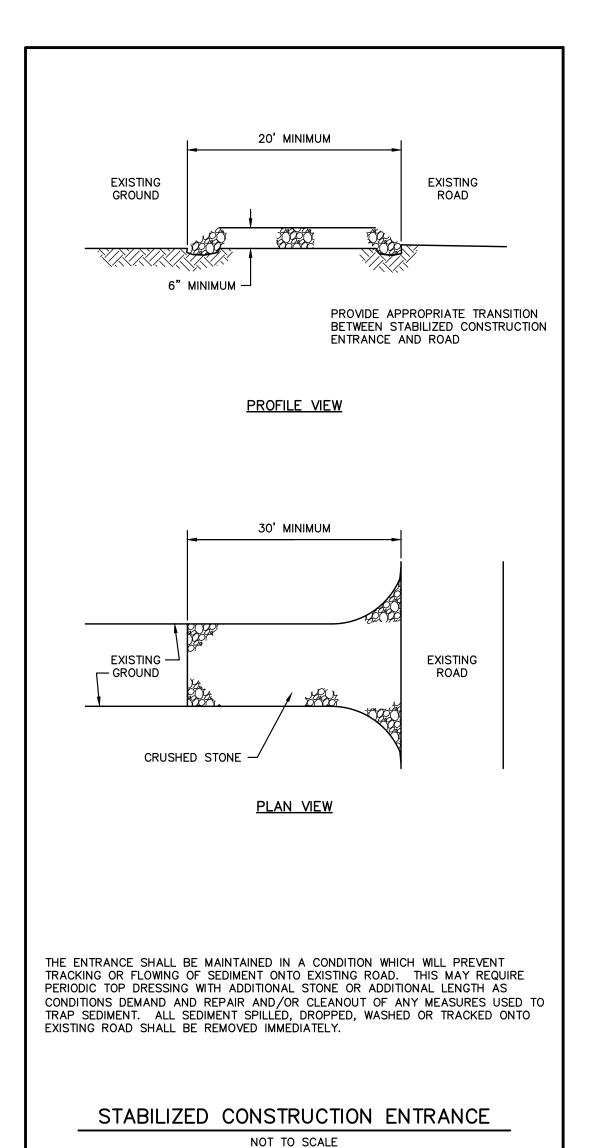
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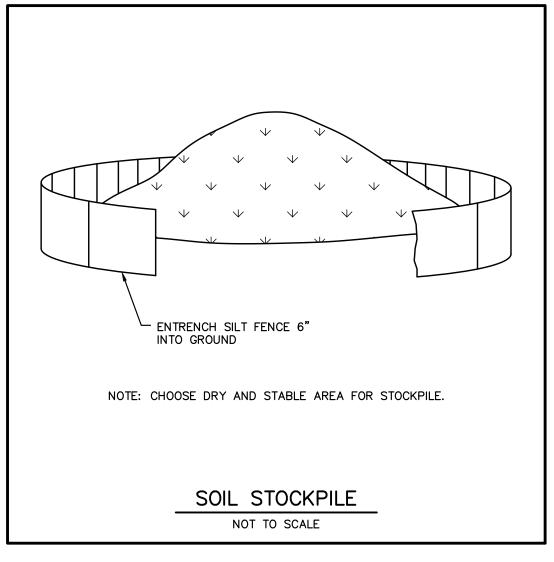


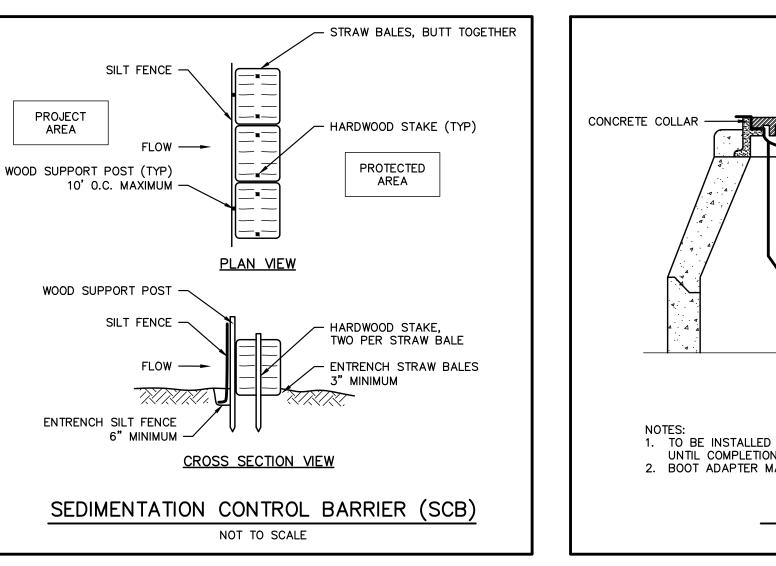


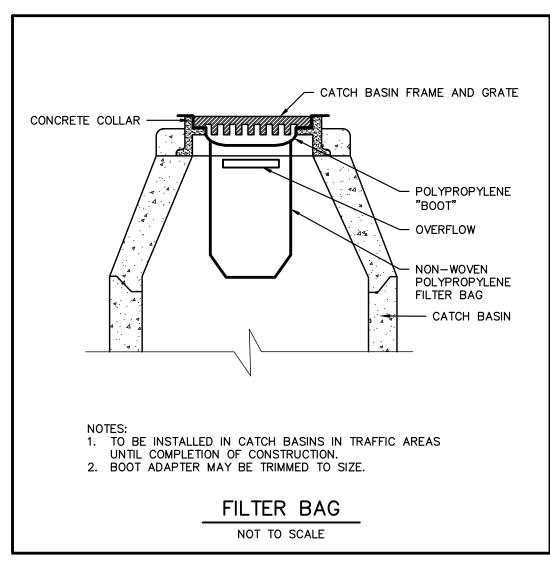


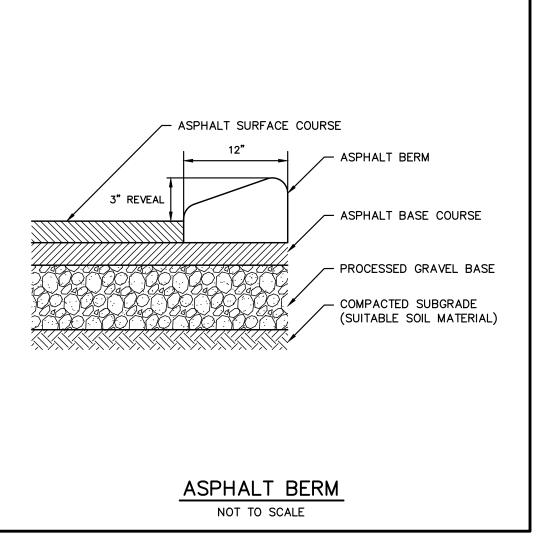


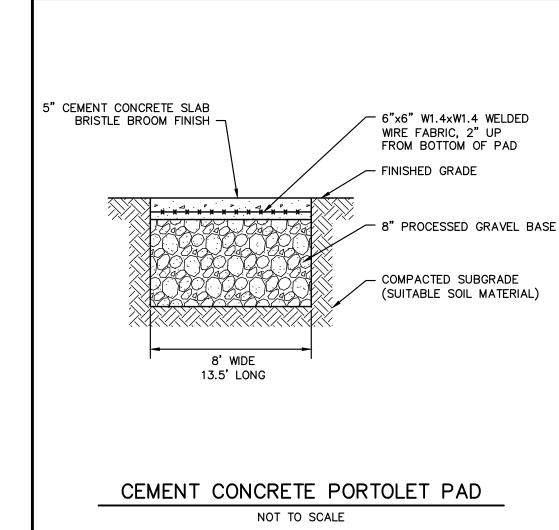












ASPHALT SURFACE COURSE

ASPHALT BASE

COURSE

REVEAL

REVEAL

18"

CEMENT CONCRETE FOOTER

COMPACTED SUBGRADE

(SUITABLE SOIL MATERIAL)

VERTICAL GRANITE CURB

NOT TO SCALE

5" CEMENT CONCRETE WALK
CROSS PITCH 2% MAXIMUM
(SEE GRADING PLAN)
BRISTLE BROOM FINISH

6"x6" W1.4xW1.4 WELDED
WIRE FABRIC, 2" UP FROM
BOTTOM OF WALK

FINISHED GRADE

8" PROCESSED GRAVEL BASE

COMPACTED SUBGRADE
(SUITABLE SOIL MATERIAL)

CEMENT CONCRETE WALK

NOT TO SCALE

FOR NOTES, REFERENCES AND LEGEND SEE SHEET C1.1 AND EXISTING CONDITIONS PLAN.

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PREPARED FOR:

TOWN OF HOLLISTON

703 WASHINGTON STREET HOLLISTON, MASSACHUSETTS

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BLAIR SQUARE SITE IMPROVEMENTS

HOLLISTON, MASSACHUSETTS

SCALE: AS SHOWN DATE: SEPTEMBER 17, 2021

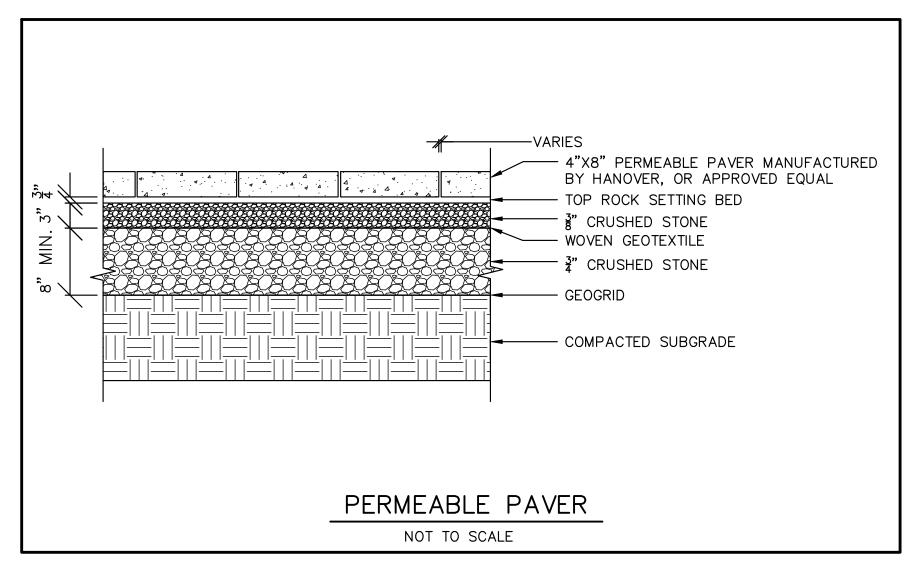
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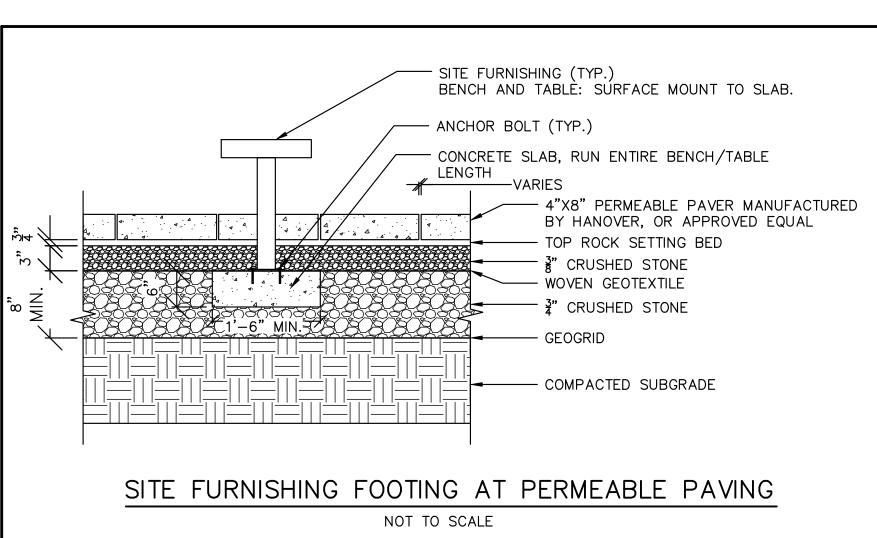
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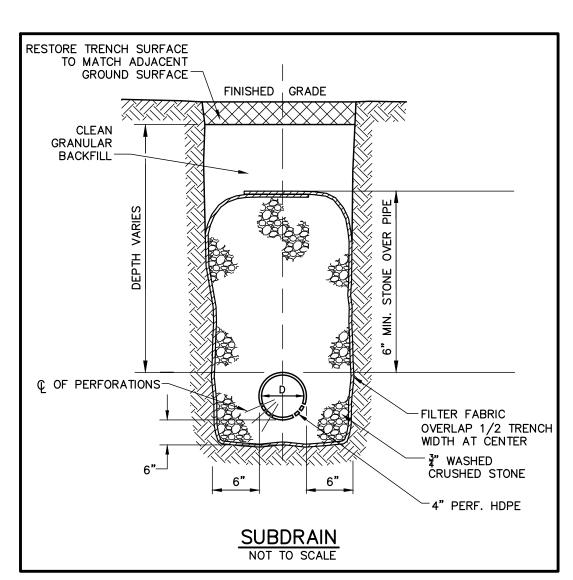
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B+T PLAN NO. 143903P004A-007

C6.1







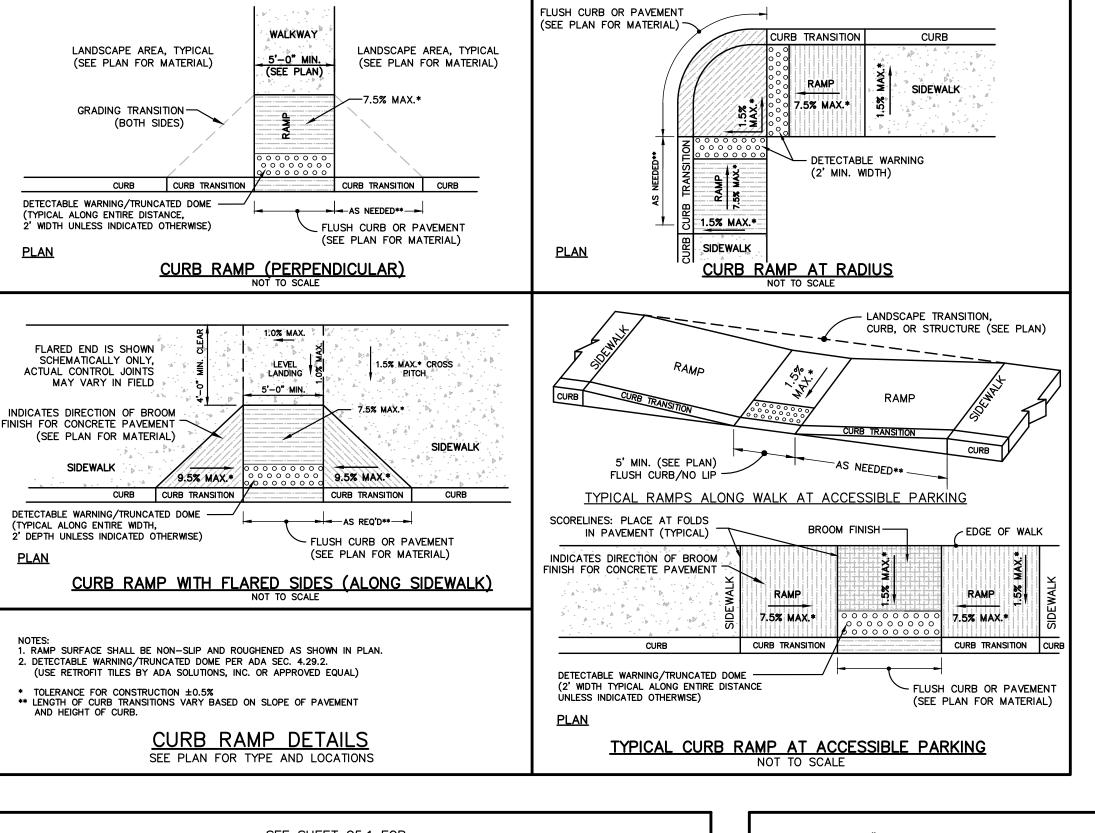
FOR NOTES, REFERENCES AND LEGEND SEE SHEET C1.1 AND EXISTING CONDITIONS PLAN.

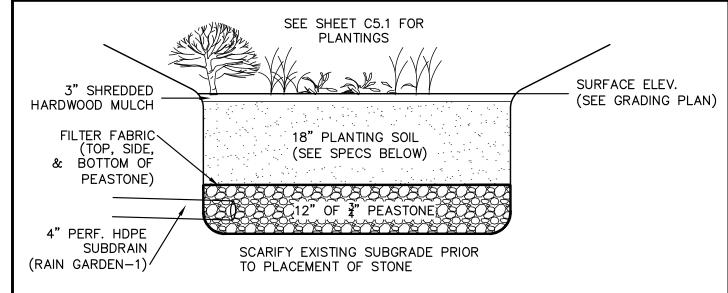
THE CONTRACTOR TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

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RAIN GARDEN SOIL SPECIFICATIONS:

THE SOIL MIX FOR THE BIORETENTION AREA SHALL BE A MIXTURE OF 40% SAND, 20-30% TOPSOIL, AND 30-40% COMPOST.

THE SOIL MIX MUST BE UNIFORM, FREE OF STONES, STUMPS, ROOTS, OR SIMILAR OBJECTS LARGER THAN 2 INCHES.

CLAY CONTENT SHOULD NOT EXCEED 5%.

THE SAND COMPONENT SHOULD BE GRAVELLY SAND THAT MEETS

SIEVE SIZE PERCENT PASSING

2 INCH 100 3/4 INCH 70 -100

ASTM D 422:

1/4 INCH 50 -80
U.S. NO. 40 15 -40
U.S. NO. 200 0 -3

THE TOPSOIL COMPONENT SHALL BE A SANDY LOAM, LOAMY SAND, OR LOAM TEXTURE. THE COMPOST COMPONENT MUST BE PROCESSED FROM YARD WASTE IN ACCORDANCE WITH MASSDEP GUIDELINES. THE COMPOST SHALL NOT CONTAIN BIOSOLIDS. COVER THE SOIL WITH 2-3 INCHES OF FINE SHREDDED HARDWOOD MULCH.

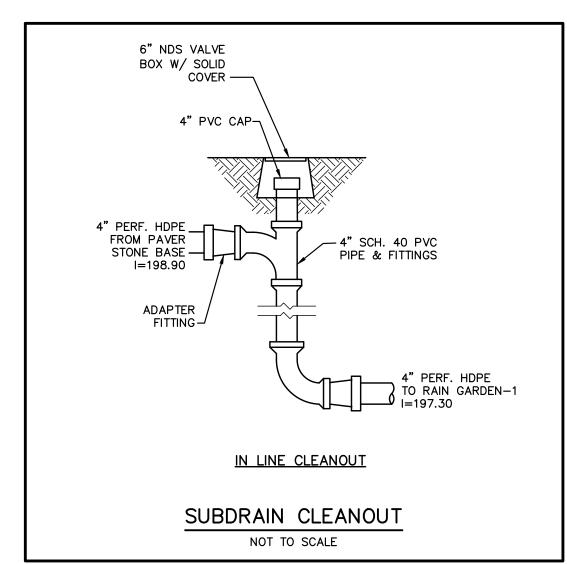
RAIN GARDEN CONSTRUCTION NOTES:

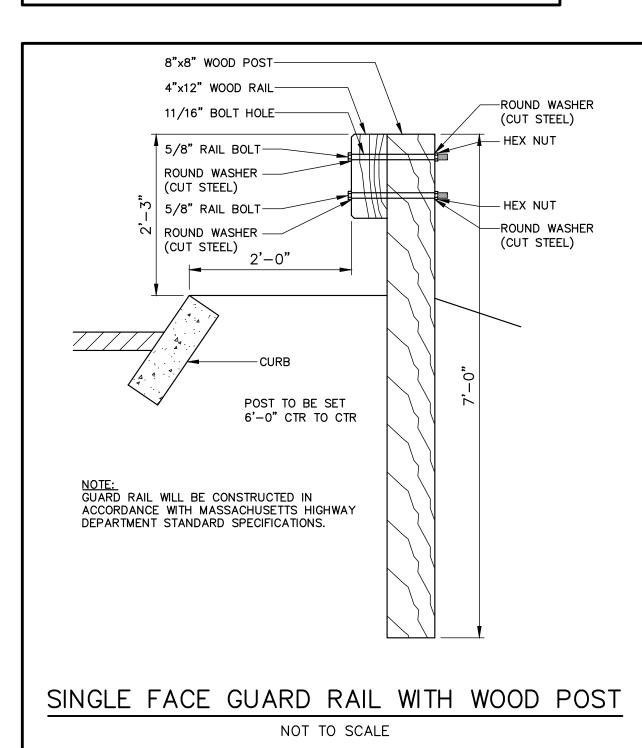
- 1. THE RAIN GARDEN SOIL MIXTURE (RGSM) SHALL BE PLACED AND GRADED USING LOW GROUND-CONTACT PRESSURE EQUIPMENT OR BY EXCAVATORS AND/OR BACKHOES OPERATING ON THE GROUND ADJACENT TO THE RAIN GARDEN.
- NO HEAVY EQUIPMENT SHALL BE USED WITHIN THE PERIMETER OF THE RAIN GARDEN BEFORE, DURING OR AFTER PLACEMENT OF THE RGSM.
 THE RAIN GARDEN SOIL MIXTURE SHALL BE PLACED IN HORIZONTAL LAYERS NOT TO EXCEED 12 INCHES FOR THE ENTIRE AREA OF THE
- 4. AN APPROPRIATE SEDIMENT CONTROL DEVICE SHALL BE USED TO PREVENT SEDIMENT-LADEN WATER FROM FLOWING INTO THE RAIN
- 5. IF THE RAIN GARDEN SOIL MATERIAL BECOMES CONTAMINATED DURING CONSTRUCTION OF THE RAIN GARDEN, THE CONTAMINATED MATERIAL SHALL BE REMOVED AND REPLACED WITH UNCONTAMINATED MATERIAL.
- 6. FINAL GRADING OF THE SOIL MIXTURE SHALL BE PERFORMED AFTER A 24 HOUR SETTLING PERIOD.

NOTES:

- a. PREVENT TRAFFICKING OF THE SURFACE OR SUBGRADE BY HEAVY CONSTRUCTION EQUIPMENT.
- b. PREVENT DISCHARGE OF SEDIMENT-LADEN WATERS FROM CONSTRUCTION ACTIVITIES INTO THESE FACILITIES.
- c. DO NOT PLACE FACILITIES INTO SERVICE UNTIL THE CONTRIBUTING AREAS HAVE BEEN STABILIZED WITH PAVEMENT OR VEGETATION.

RAIN GARDEN
NOT TO SCALE







TOWN OF HOLLISTON

703 WASHINGTON STREET HOLLISTON, MASSACHUSETTS

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5 | 4 | 3 | 2 | 1 | 09/17/2021 | 100% DD | 0 | 08/10/2021 | 90% DD | ISSUE DATE | DESCRIPTION

PROJECT:

BLAIR SQUARE SITE IMPROVEMENTS

DES | DWN | CHK'D | APP'D

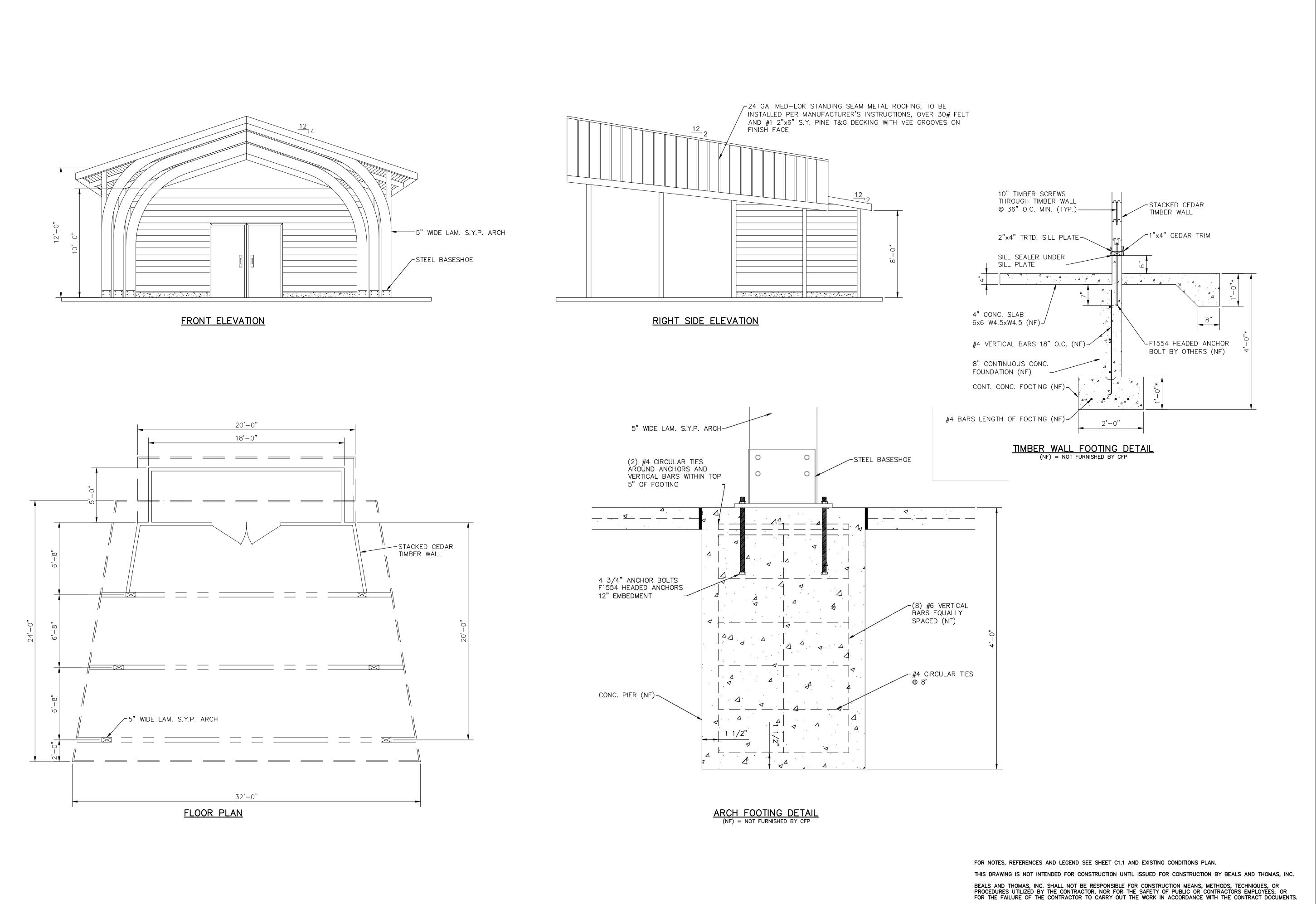
HOLLISTON, MASSACHUSETTS

SCALE: AS SHOWN DATE: SEPTEMBER 17, 2021

SITE DETAILS

B+T JOB NO.1439.03

B+T PLAN NO. 143903P004A-008 C6.2



PREPARED FOR:

TOWN OF HOLLISTON

703 WASHINGTON STREET HOLLISTON, MASSACHUSETTS

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4 | 3 | 2 | 1 | 09/17/2021 | 100% DD | 0 | 08/10/2021 | 90% DD | | ISSUE DATE | DESCRIPTION |

PROJECT:

BLAIR SQUARE SITE IMPROVEMENTS

DES | DWN | CHK'D | APP'D

HOLLISTON, MASSACHUSETTS

SCALE: AS SHOWN DATE: SEPTEMBER 17, 2021

PAVILION STRUCTURE

B+T JOB NO.1439.03

B+T PLAN NO. 143903P004A-009

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C6.3