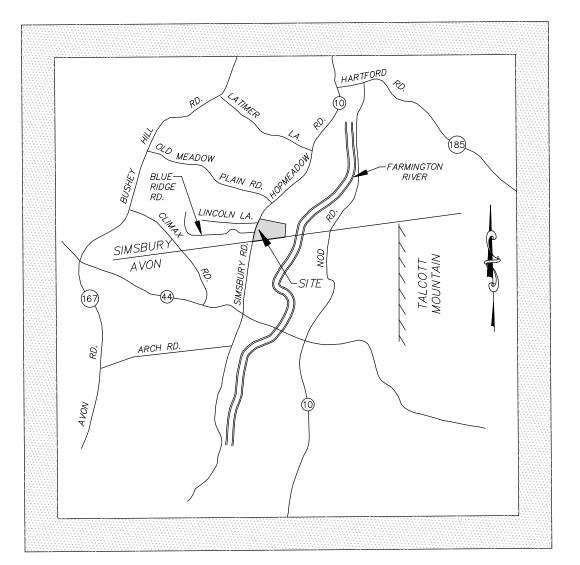
CURALEAF EXPANSION

34 Hopmeadow Street
Simsbury, Connecticut
Special Exception / Site Plan Application
August 27, 2021



VICINITY MAP (NOT TO SCALE)

DEVELOPMENT TEAM

-		\sim
Property Owner	34 Hopmeadow Street Realty Co., LL	
Troperty Owner	54 Hopineadow Succi Realty Co., LL	

Applicant/Developer Curaleaf, LLC

Civil Engineer and Surveyor F. A. Hesketh & Associates, Inc.

Landscape Planner F. A. Hesketh & Associates, Inc.

Traffic Engineer F.A. Hesketh & Associates, Inc.

LIST OF DRAWINGS

Title Sheet

MA-1 Master Plan

LA-1 Layout Plan

GR-1 Grading & Drainage Plan

EC-1 Soil Erosion & Sedimentation Control Plan

UT-1 Utilities Plan

SD-1 thru SD-3 Site Details

NT-1 Notes

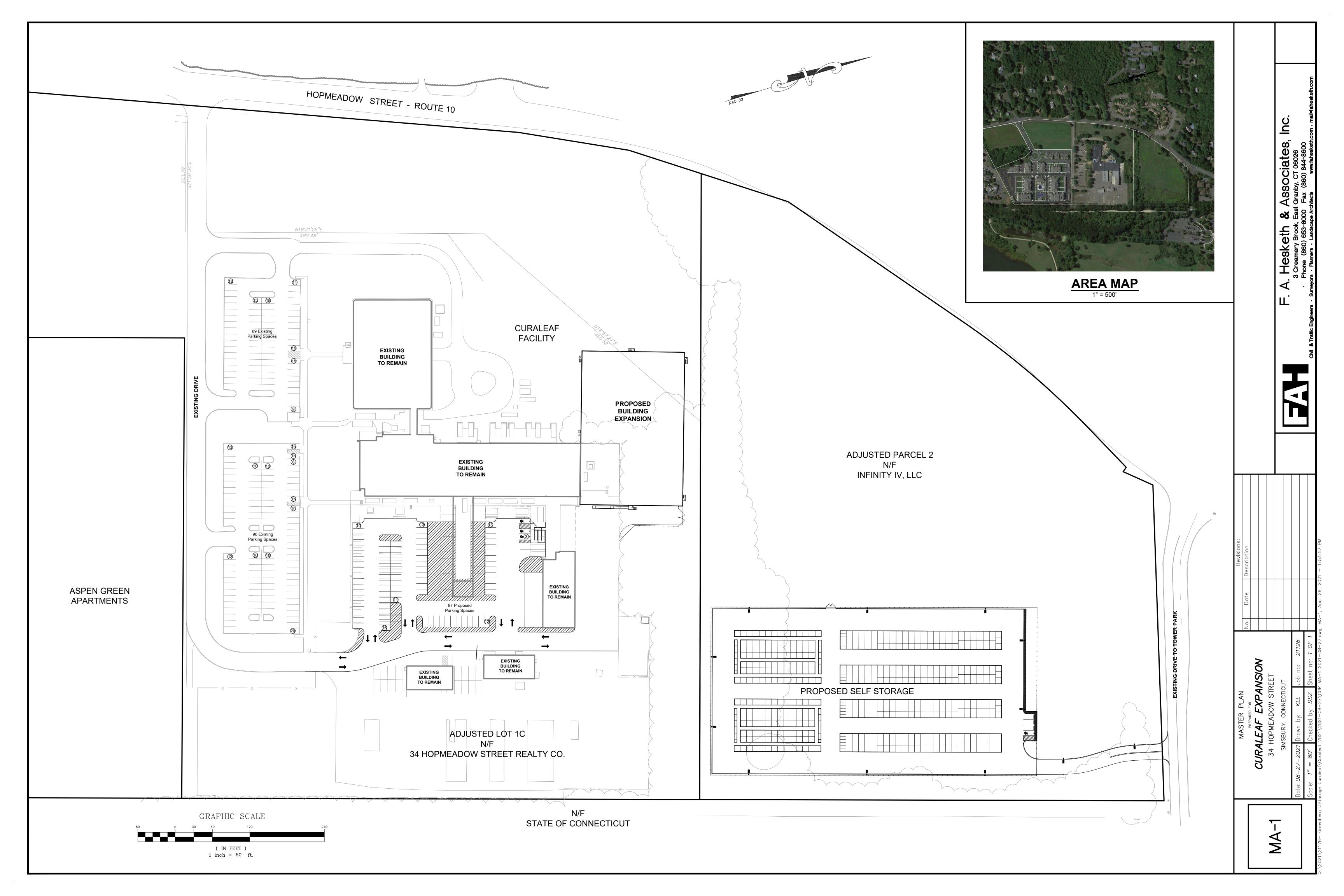
S-1 Existing Conditions Survey

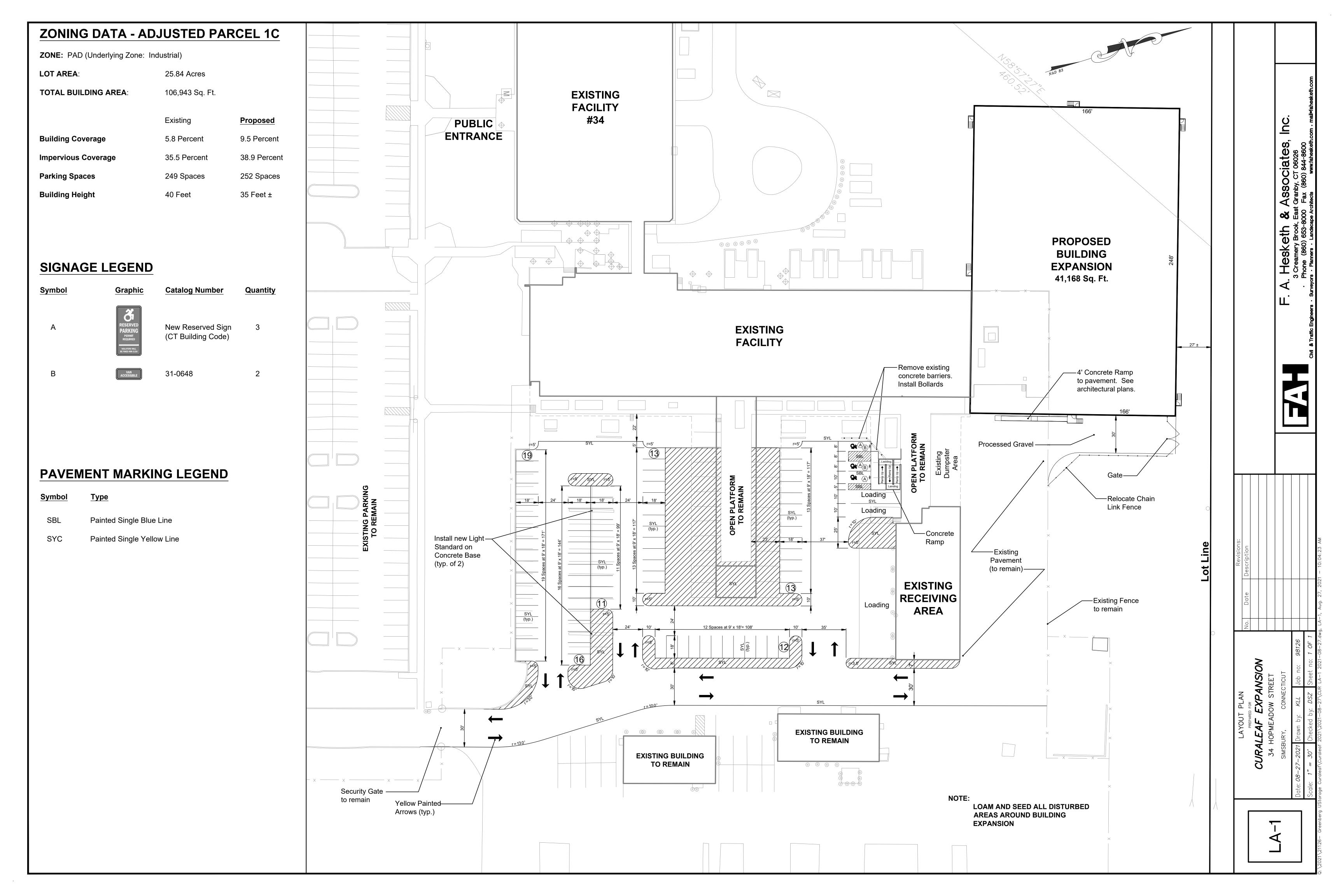
CP-2 Compilation Plan; Lot Line Adjustment Plan

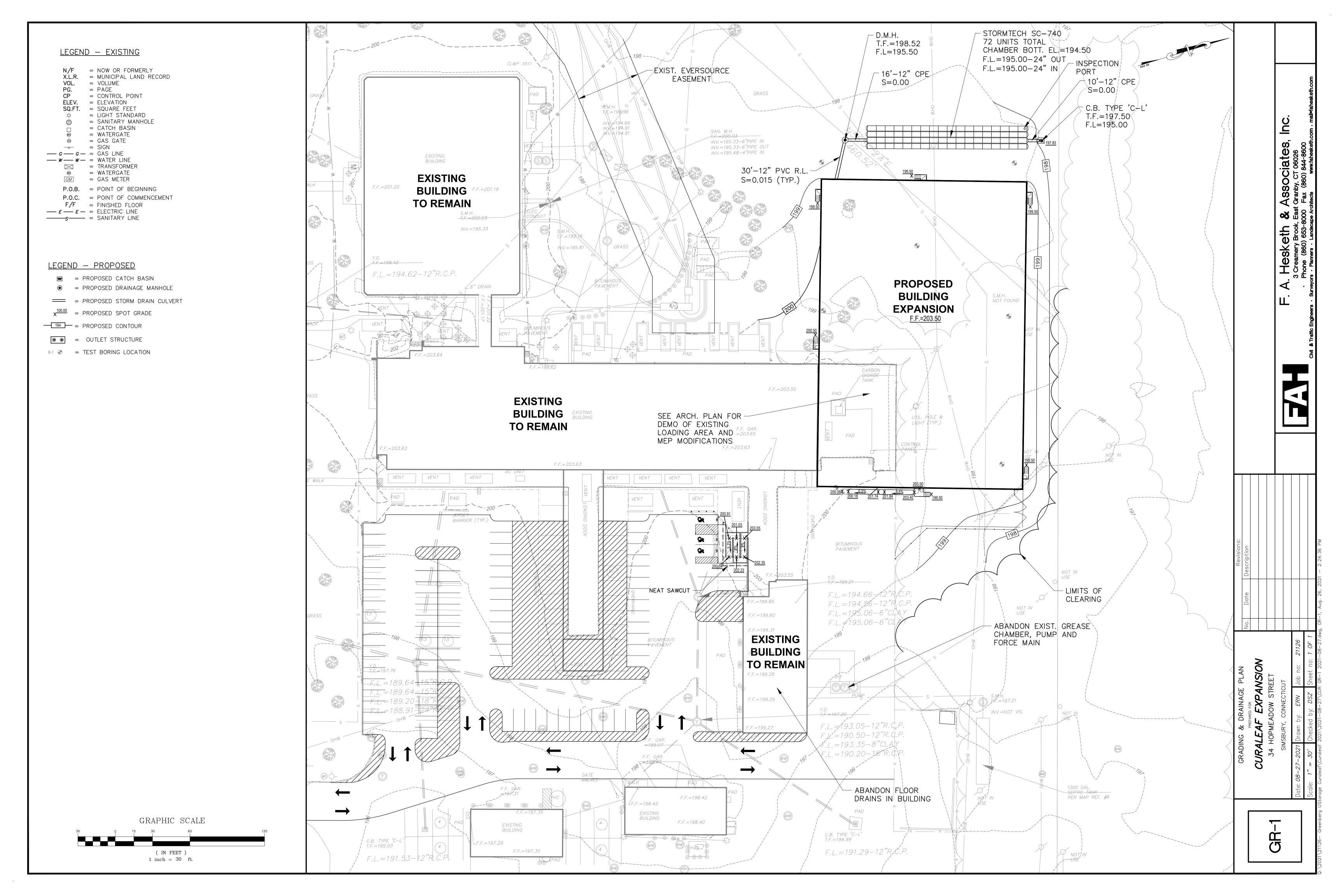
SD01 Overall plan

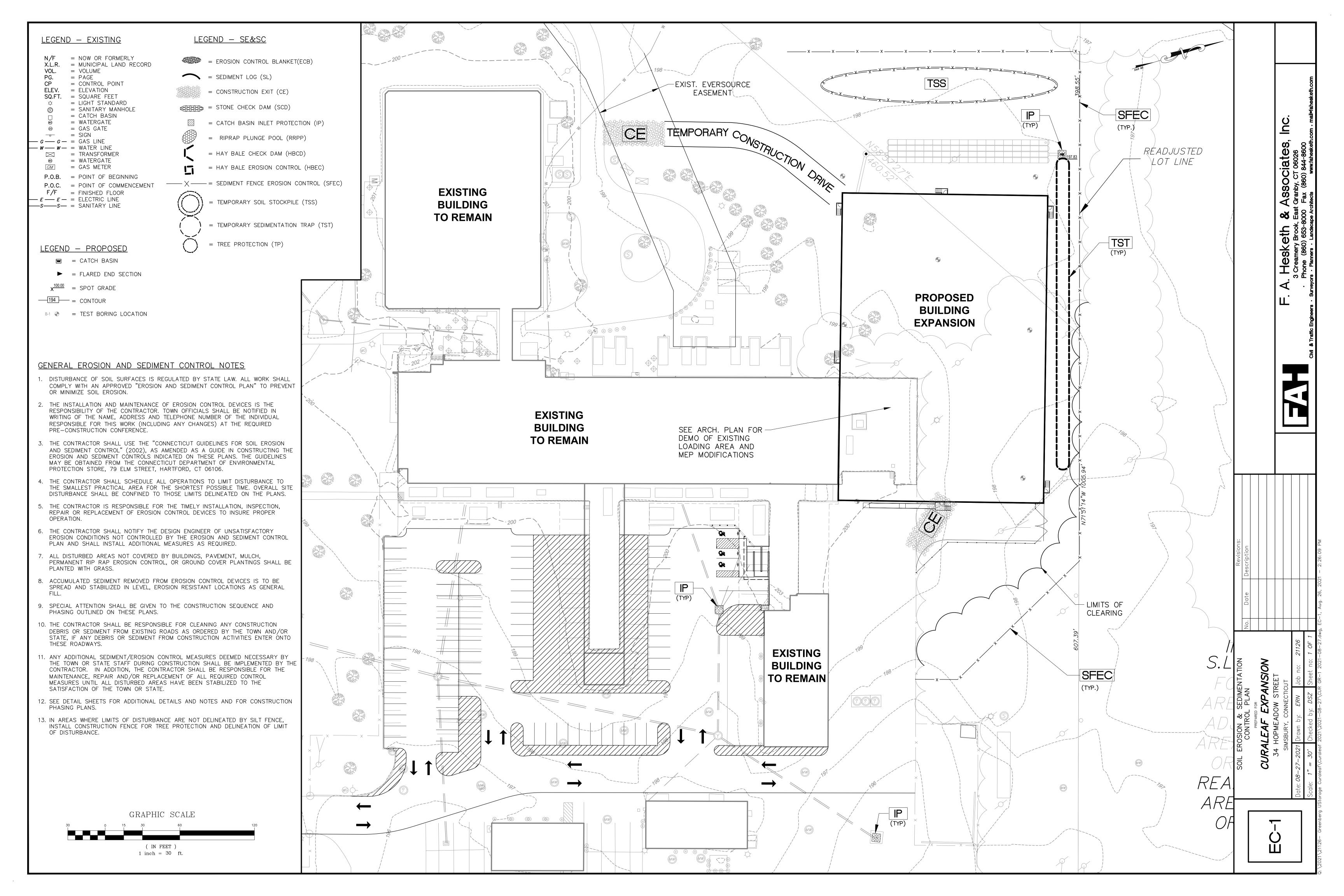
SD02 Schematic Design Plan

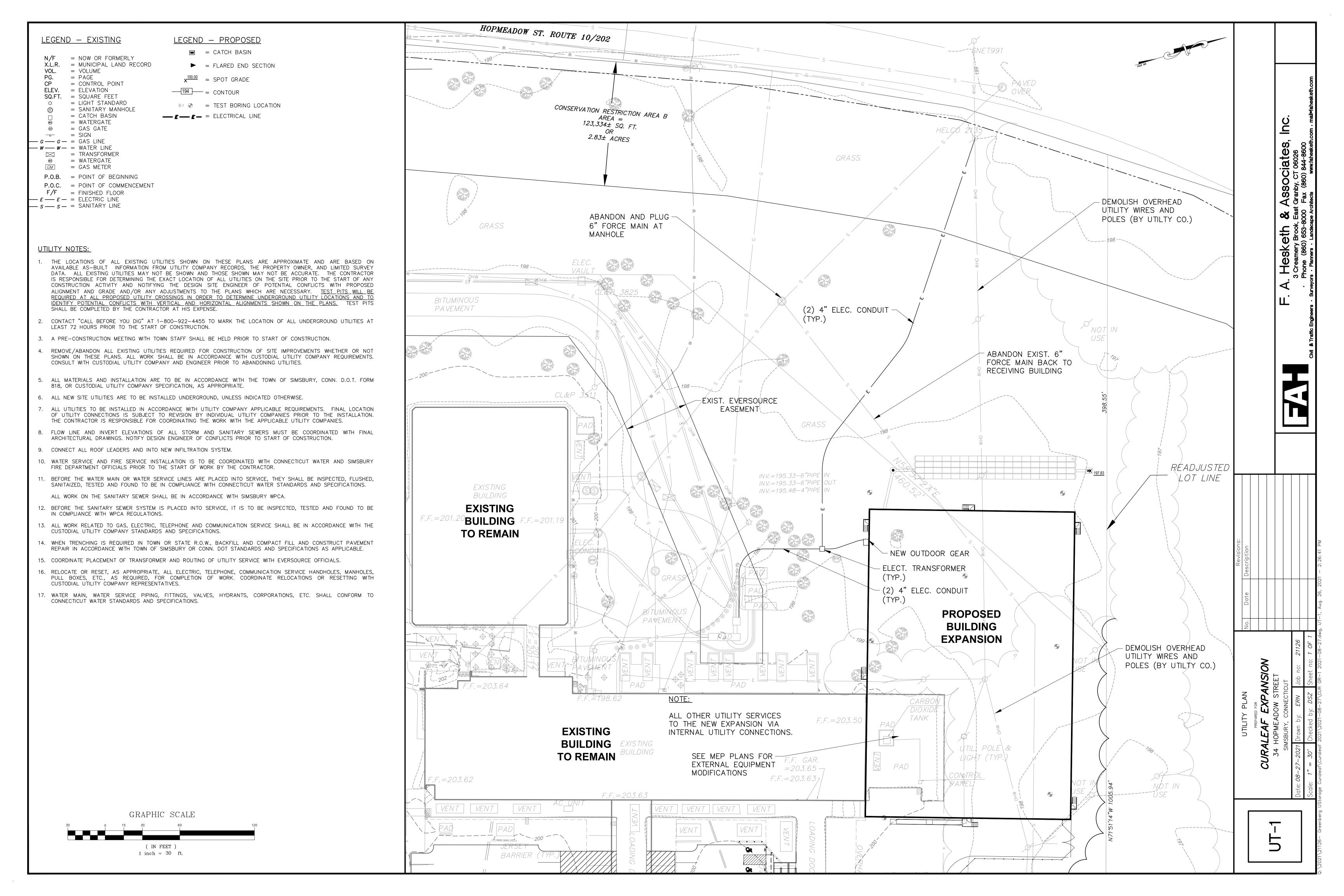
SD03 Schematic Design Elevations

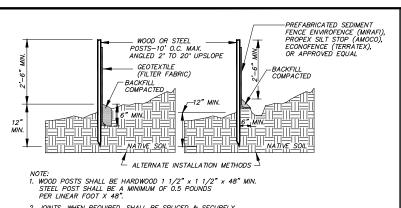








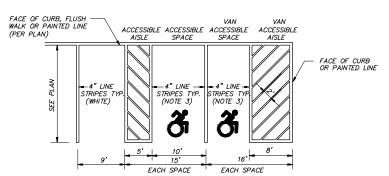




2. JOINTS, WHEN REQUIRED, SHALL BE SPLICED & SECURELY SEALED TOGETHER, AT POST LOCATIONS ONLY, WITH A MINIMUM 6" OVERLAP.

SEDIMENT FENCE EROSION CONTROL (SFEC)

N. T. S.

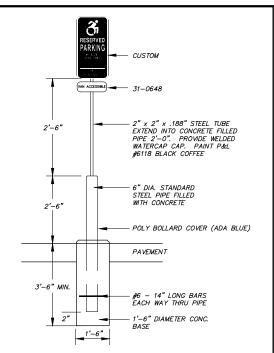


-BALES TO BUTT TIGHTLY TOGETHER WITH LOOSE STRAW OR HAY WEDGED IN ALL VOIDS TO CREATE A CONTINUOUS BARRIER

ORIENT BALES WITH STRAPPING PLACED HORIZONTALLY & ABOVE GROUND

SHALL BE HIGHER IN ELEVATION THAN TOPS OF CENTER BALES

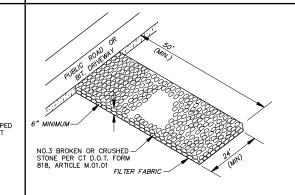
-FMBED HAYBALES 4" INTO EXISTING -EMBEL HAISTING GROUND. BACKFILL & COMPACT EXCAVATED MATERIAL AGAINST THE HAYBALES ON THE UPHILL SIDE.



ACCESSIBLE SPACE SIGN POST/BASE

-FINISHED GRADE -*PAVEMENT SECTION**

PAVEMENT WIDTH



INLET PROTECTION (IP)

[SILT SACK INSERT]

N. T. S.

DUMP STRAPS (2 EACH)

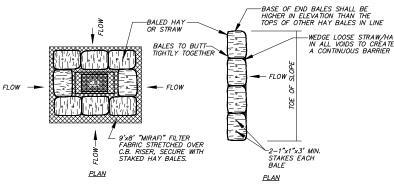
INSTALLATION DETAIL

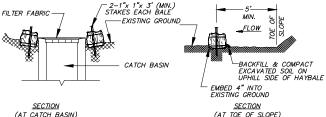
INSTALL AND MAINTAIN IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS

CONSTRUCTION EXIT (CE)

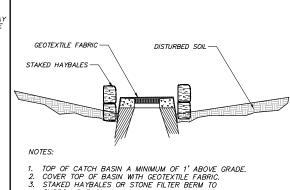
- WARNING TAPE BACKFILL WITH APPROVED MATERIAL PLACED AND COMPACTED IN 6 INCH LIFTS -1/4 O.D. —FOUNDATION TO BE SHAPED TO FIT PIPE EXTERIOR AT THIS HEIGHT. NOTES: 1. AISLE CONFIGURATION PER PLAN. 2. SIGN/BOLLARD LOCATION PER PLAN. PIPE BEDDING MATERIA 3. LINE STRIPING COLOR AND ADA SYMBOL SPECIFICS NEED TO COORDINATED WITH ELLINGTON BUILDING INSPECTOR BEFORE INSTALLATION *SEE PAVEMENT DETAIL TYPICAL INSTALLATION FOR PIPES LESS THAN 48" I.D. NO ROCK TO PROJECT ACCESSIBLE PARKING SPACE LAYOUT N. T. S.

STORM SEWER TRENCH





HAYBALE EROSION CONTROL (HBEC)

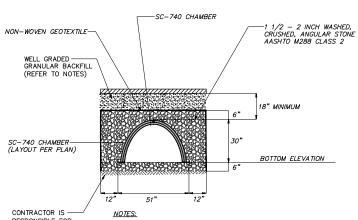


SURROUND BASIN.

CREATE LOW AROUND BASIN TO COLLECT RUNOFF.
VOLUME OF LOW AREA PROPORTIONAL TO SIZE OF
AREA DRAINING TO BASIN.

TEMP. SEDIMENT TRAP AT CATCH BASIN

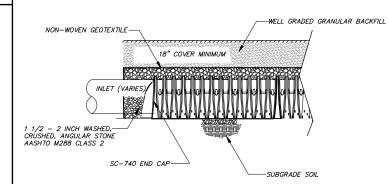
N. T. S.



RESPONSIBLE FOR ENSURING SUITABILITY
OF SUBGRADE SOILS REFER TO STORMTECH'S DESIGN MANUAL.

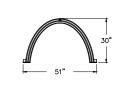
1. WELL GRADED GRANULAR BACKFILL (3-INCH MINUS)
CONTAINS AN EVEN DISTRIBUTION OF PARTICLE SIZES WITH NO
MORE THAN 12% PASSING THE #200 SIEVE COMPACTED TO A
MINIMUM OF 95% OF THE STANDARD PROCTOR DENSITY. REFER TO
THE TABLE OF ACCEPTABLE FILL MATERIALS IN STORMTECH'S
DESIGN MANUAL, INSTALLATION MANUAL, OR WWW.STORMTECH.COM.

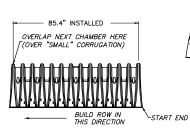
TYPICAL CROSS SECTION

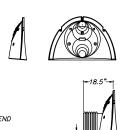


TYPICAL PROFILE - INLET ROW N. T. S.

— 90.7" ACTUAL LENGTH -







0.10"-

PART # SC740EPE24B

NOMINAL CHAMBER SPECIFICATIONS

SIZE (W x H x INSTALLED LENGTH) - 51.0" x 30.0" x 85.4" - 45.9 CUBIC FEET (1.3 m³) CHAMBER STORAGE MINIMUM INSTALLED STORAGE

- 74.9 CUBIC FEET (2.1m³) - 75 lbs. (33.6 kg)

STORMTECH SC-740 CHAMBER SYSTEM

ETAILS BYRED FOR F EXPANSION EADOW STREET CURALEAF 1

<u>ပ</u>

Associates, at Granby, CT 06026
Fax (860) 844-8600

A. Hesketh & 3 Creamery Brook, E Phone (860) 653-80

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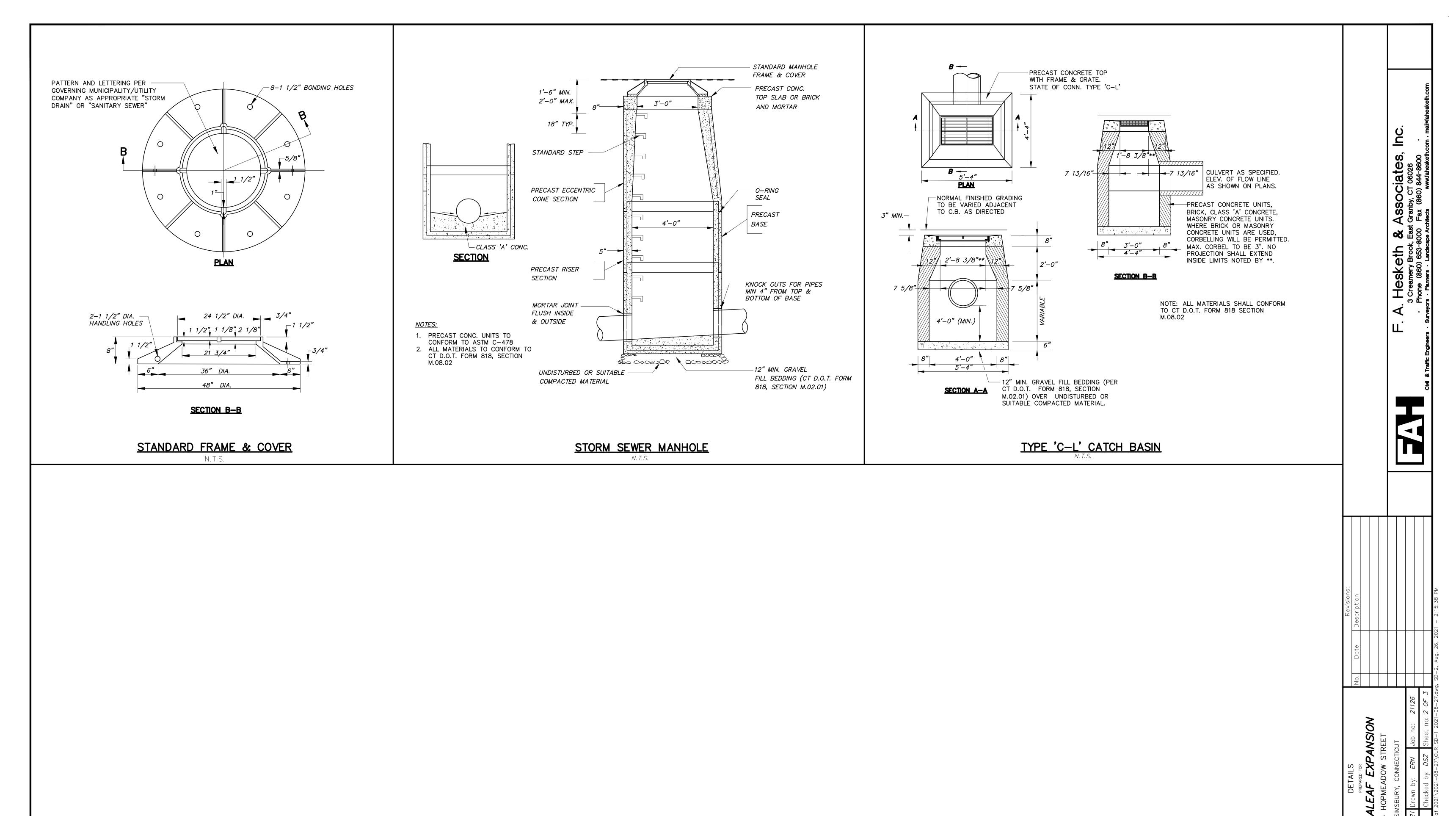
HAYBALE CHECK DAM (HBCD)

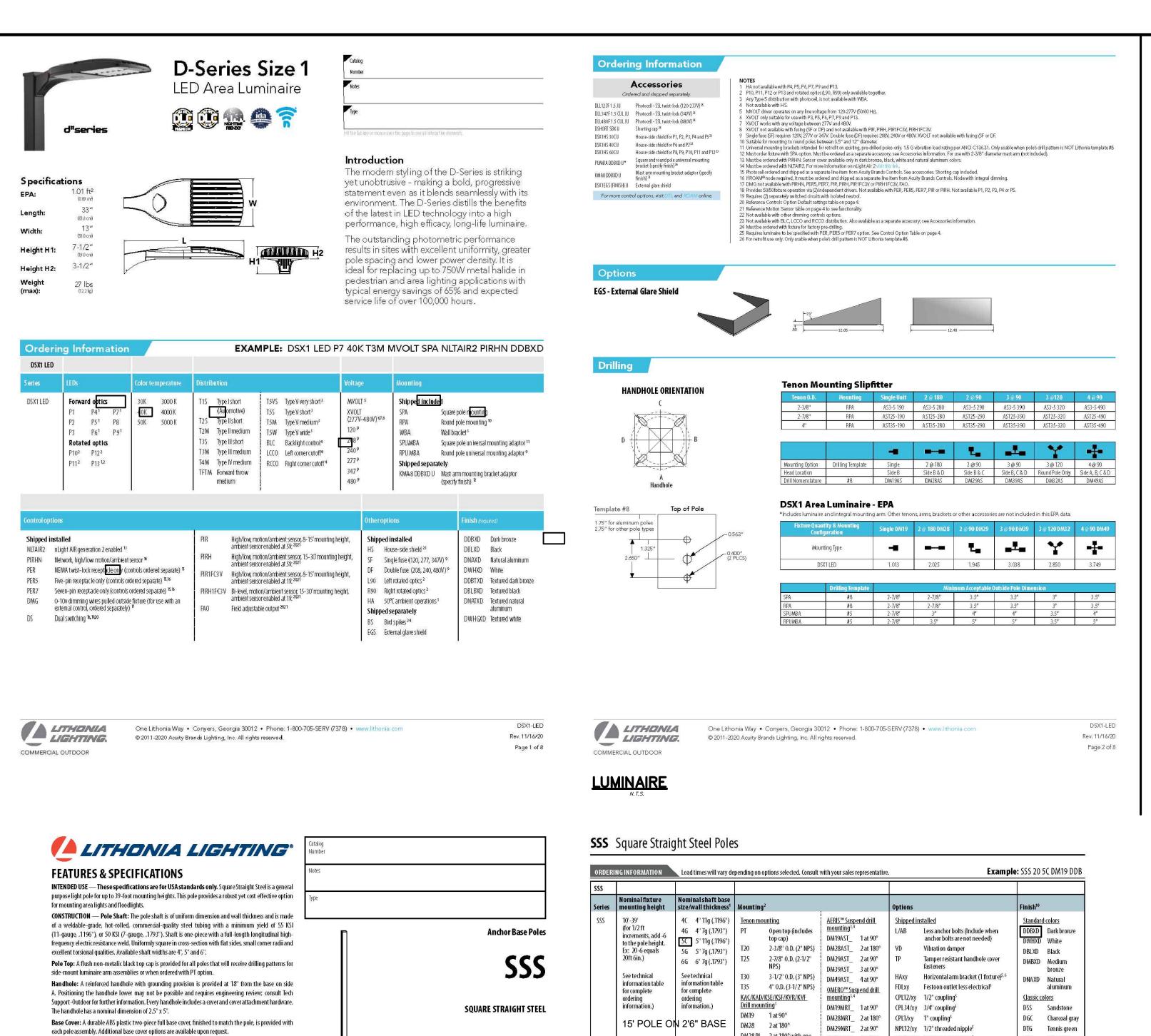
PLAN

BOTTOM OF DRAINAGE

WAY

2-1"x1"x3' (MIN.) STAKES PER BALE





Anchor Base/ Bolts: Anchor base is fabricated from steel that meets ASTM A36 standards and can be

altered to match existing foundations; consult factory for modifications. Anchor bolts are manufactured

to ASTM F1554 Standards grade 55, (55 KSI minimum yield strength and tensile strength of 75-95 KSI).

HARDWARE — All structural fasteners are high-strength galvanized carbon steel. All non-structural

FINISH — Extra durable standard powder-coat finishes include Dark Bronze, White, Black, Medium Bronze

and Natural Aluminum colors. Classic finishes include Sandstone, Charcoal Gray, Tennis Green, Bright Red

and Steel Blue colors, Architectural Colors and Special Finishes are available by quote and include, but

are not limited to Hot-dipped Galvanized, Paint over Hot-dipped Galvanized, RAL Colors, Custom Colors

and Extended Warranty Finishes. Factory-applied primer paint finish is available for customer field-paint

Top threaded portion (nominal 12") is hot-dipped galvanized per ASTM A-153.

WARRANTY — 1-year limited warranty. Complete warranty terms located at:

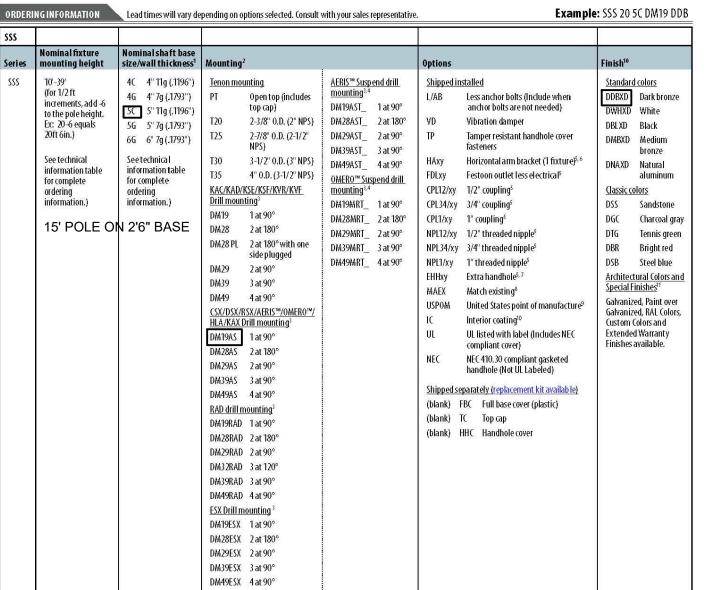
NOTE: Actual performance may differ as a result of end-user environment and application.

www.acuitybrands.com/support/warranty/terms-and-conditions

Specifications subject to change without notice.

OUTDOOR

fasteners are galvanized or zinc-plated carbon steel or stainless steel.



6. Horizontal arm is 18" x 2-3/8" O.D. tenon standard, with radius curve 1. Wall thickness will be signified with a "C" (11 Gauge) or a "G" (7-Gauge) in nomenclature. "C" - 0.1196" | "G" -2. PT open top poles include top cap. When ordering tenon mounting and drill mounting for the same pole, follow this example: DM28/T20. The combination includes a required extra handhole. Must add original order number of existing pole(s). 3. Refer to the fixture spec sheet for the correct drilling template pattern Use when mill certifications are required. and orientation compatibility.

4. Insert "1" or "2" to designate fixture size; e.g. DM19AST**2**. 5. Specify location and orientation when ordering option. For "x": Specify the height above the base of pole in feet or feet Example: 5ft = 5 and 20ft 3in = 20-3For "y": Spedify orientation from handhole (A,B,C,D) Refer to the Handhole Orientation diagram below. Example: 1/2" coupling at 5'8", orientation C = CPL12/5-8C

See footnotes next page.

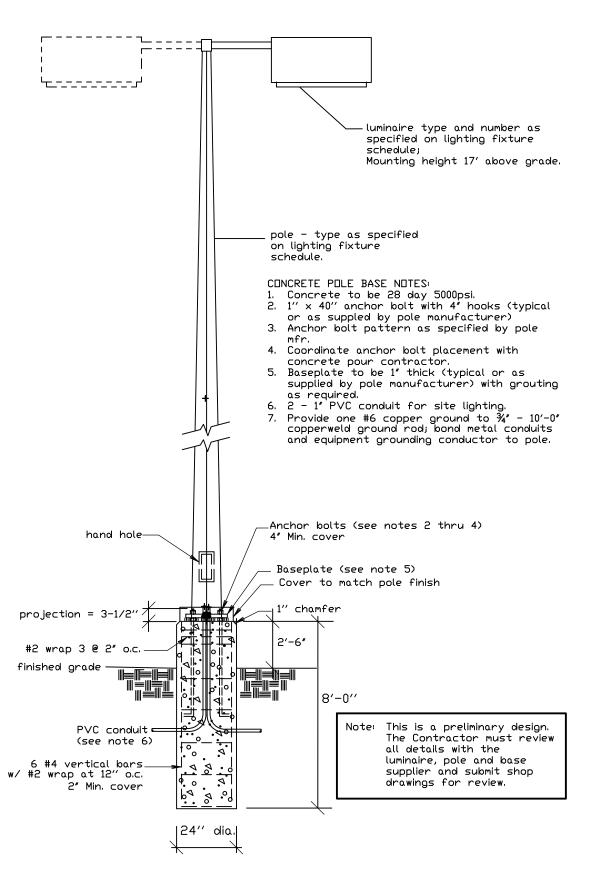
POLE-SSS

- providing 12" rise and 2-3/8" O.D. If ordering two horizontal arm at the same height, specify with HAxyy. Example: Combination of tenon-top and drill mount includes extra handhole.
- Provides enhanced corrosion resistance. 11. Additional colors available; see www.lithonia.com/archcolors or quote only, consult factory for details.

INTHONIA LIGHTING OUTDOOR: One Lithonia Way Conyers, GA 30012 Phone: 800-705-SERV (7378) www.lithonia.com © 1994-2021 Acuity Brands Lighting, Inc. All rights reserved. Rev. 01/22/21

/ LITHONIA LIGHTING OUTDOOR: One Lithonia Way Conyers, GA 30012 Phone: 800-705-SERV (7378) www.lithonia.com

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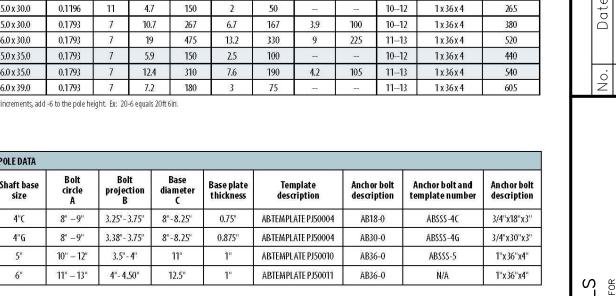


LIGHTING STANDARD

SSS Square Straight Steel Poles

BASE DETAIL

TECHNICAL INFORMATION — EPA (ft2) with 1.3 gust													
Catalog Number	Nominal Shaft Length (ft.)*	Pole Shaft Size (Base in. x Top in. x ft.)	Wall thick (in)	Gauge	EPA (ft²) with 1.3 gust					Bolt		Approximate	
					80 MPH	Max. weight	90 MPH	Max. weight	100 MPH	Max. weight	cirde (in)	Bolt size (in. x in. x in.)	ship weight (lbs.)
SSS 104C	10	4.0 x 10.0	0.1196	11	30.6	765	23.8	595	18.9	473	89	3/4 x 18 x 3	75
SSS 12 4C	12	4.0 x 12.0	0.1196	11	24.4	610	18.8	470	14.8	370	89	3/4 x 18 x 3	90
SSS 144C	14	4.0 x 14.0	0.1196	11	19.9	498	15.1	378	11.7	293	89	3/4 x 18 x 3	100
SSS 164C	16	4.0 x 16.0	0.1196	11	15.9	398	11.8	295	8.9	223	89	3/4 x 18 x 3	115
SSS 18 4C	18	4.0 x 18.0	0.11%	11	12.6	315	9.2	230	6.7	168	89	3/4 x 18 x 3	125
SSS 20 4C	20	4.0 x 20.0	0.1196	11	9.6	240	6.7	167	4.5	150	89	3/4 x 18 x 3	140
SSS 204G	20	4.0 x 20.0	0.1793	7	14	350	11	275	8	200	89	3/4 x 30 x 3	198
SSS 20 5C	20	5.0 x 20.0	0.1196	11	17.7	443	12.7	343	9.4	235	1012	1x36x4	185
SSS 20 5 G	20	5.0 x 20.0	0.1793	7	28.1	703	21.4	535	16.2	405	1012	1x36x4	265
SSS 25 4C	25	4.0 x 25.0	0.11%	11	4.8	150	2.6	100	1	50	89	3/4 x 18 x 3	170
SSS 25 4G	25	4.0 x 25.0	0.1793	7	10.8	270	7.7	188	5.4	135	89	3/4 x 30 x 3	245
SSS 25 5C	25	5.0 x 25.0	0.11%	11	9.8	245	6.3	157	3.7	150	1012	1x36x4	225
SSS 25 5G	25	5.0 x 25.0	0.1793	7	18.5	463	13.3	333	9.5	238	1012	1 x 36 x 4	360
SSS 30 4G	30	4.0 x 30.0	0.1793	7	6.7	168	4.4	110	2.6	65	89	3/4 x 30 x 3	295
SSS 30 5C	30	5.0 x 30.0	0.1196	11	4.7	150	2	50	177	177	1012	1x36x4	265
SSS 30 5 G	30	5.0 x 30.0	0.1793	7	10.7	267	6.7	167	3.9	100	1012	1 x 36 x 4	380
SSS 30 6G	30	6.0 x 30.0	0.1793	7	19	475	13.2	330	9	225	1113	1x36x4	520
SSS 35 5G	35	5.0 x 35.0	0.1793	7	5.9	150	2.5	100	_		1012	1x36x4	440
SSS 35 6G	35	6.0 x 35.0	0.1793	7	12.4	310	7.6	190	4.2	105	1113	1 x 36 x 4	540
SSS396G	39	6.0 x 39.0	0,1793	7	7.2	180	3	75	-		1113	1x36x4	605



IMPORTANT INSTALLATION NOTES: • **Do not** erect poles without having fixtures installed. Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage placement due to failure to use Lithonia Lighting factory templates • If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage. Lithonia Lighting is not responsible for the foundation design.

Associates, at Granby, CT 06026 Fax (860) 844-8600

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Hesketh 3 Creamery Brook,

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I. PROJECT DESCRIPTION

THE PROPOSED DEVELOPMENT SITE IS COMPRISED OF A 25.84 +/ACRE PROPERTY IDENTIFIED AS ADJUSTED PARCEL 1C ON THE PROPERTY
SURVEY, LOCATED ON THE EAST SIDE OF HOPMEADOW STREET — ROUTE
10. THE DEVELOPMENT SITE IS CURRENTLY A PORTION OF A LARGER
MASTER PLAN PAD WHICH IS A COMBINATION OF THREE DIFFERENT
ENTITIES: THE ACTUAL CURALEAF FACILITY, THE ASPEN GREEN
APARTMENT DEVELOPMENT, AND INCORPORATES THE PROPOSED
U-STORAGE PROJECT.

THE PROPOSAL INCLUDES AN EXPANSION TO THE MAIN CURALEAF FACILITY. THE BUILDING IS APPROXIMATELY 65,775 S.F. AS IT CURRENTLY STANDS AND THE PROPOSED 41,168 S.F. EXPANSION WOULD BRING THE BUILDING'S TOTAL SQUARE FOOTAGE UP TO 107,000 S.F. THE PROPOSAL ALSO INCLUDES A DELIVERY TRUCK ACCESS DRIVE AND PARKING RE—DELINEATION AS SHOWN. TO HANDLE RUNOFF FROM THE ROOFTOP OF THE NEW BUILDING EXPANSION, ROOF LEADERS WILL TRAVEL TO AN UNDERGROUND STORAGE SYSTEM THAT CONSISTS OF 72 — SC—740 UNITS, AND A CURB—LESS CATCH BASIN FOR OVERFLOW TO THE ADJACENT WETLANDS. THE UNDERGROUND STORAGE SYSTEM AS BEEN DESIGNED TO MEET THE RECOMMENDED CTDEEP WATER QUALITY VOLUME.

THE FACILITY WILL BE SERVED BY EXISTING SANITARY SEWER, FIRE AND DOMESTIC WATER, ELECTRICITY, TELEPHONE AND COMMUNICATION, AND A COMBINATION OF INTERNAL BUILDING CONNECTIONS AND A NEW ELECTRICAL SERVICE FROM HOPMEADOW STREET.

IN GENERAL, THE WORK INCLUDES, BUT IS NOT LIMITED TO:

- 1. SELECTIVE CLEARING ON SITE.
- 2. ROUGH GRADING FOR BUILDING CONSTRUCTION
- 3. STORM DRAINAGE SYSTEM/ROOF LEADERS AND UNDERGROUND STORAGE UNITS.
- 4. CONSTRUCTION OF BUILDING FOUNDATION/SLAB.
- 5. CONSTRUCTION OF BUILDING.
- 6. INSTALLATION OF PAVEMENT MARKINGS AND REQUIRED SIGNAGE.

II. CONSTRUCTION SEQUENCE:

A DETAILED CONSTRUCTION PHASING PLAN AND SCHEDULE SHALL BE SUBMITTED BY THE CONTRACTOR FOR REVIEW AND APPROVAL PRIOR TO THE START OF CONSTRUCTION. THIS PHASING PLAN AND SCHEDULE SHALL INCLUDE ALL MAJOR CONSTRUCTION, TRAFFIC CONTROL, SOIL EROSION AND SEDIMENTATION CONTROL MEASURES. THIS PLAN AND SCHEDULE SHALL PROVIDE FOR ALL WORK TO BE COMPLETED WITHIN THE ALLOTTED TIME, SHALL MINIMIZE TRAFFIC AND ENVIRONMENTAL IMPACTS, AND SHALL COMPLY WITH ALL FEDERAL, STATE AND LOCAL PERMITS AND REGULATIONS.

IN GENERAL, SITE WORK CONSTRUCTION SHALL FOLLOW THE SEQUENCE OUTLINED BELOW:

- 1. INSTALLATION OF EROSION CONTROL DEVICES.
- 2. CLEARING AND GRUBBING.
- 3. DEMOLITION OF EXISTING STRUCTURES AS REQUIRED.
- 4. ROUGH GRADING AND EXCAVATION/PREPARATION FOR BUILDING FOUNDATION/SLAB.
- 5. CONSTRUCTION OF STORM DRAINAGE SYSTEM, AND UNDERGROUND STORAGE UNITS.
- 6. FINAL STABILIZATION OF DISTURBED AREAS, INSTALLATION OF LANDSCAPE MATERIALS, PAVEMENT MARKINGS AND TRAFFIC CONTROL
- 7. REMOVAL OF TEMPORARY EROSION CONTROL DEVICES.
- 8. IT IS ANTICIPATED THAT CONSTRUCTION WILL BEGIN IN THE FALL OF 2021 AND BE COMPLETED BY SUMMER OF 2022.

III. GENERAL NOTES:

- 1. EXISTING TOPOGRAPHY TAKEN FROM A MAP ENTITLED "EXISTING CONDITIONS SURVEY, PREPARED FOR CURALEAF EXPANSION, 34 HOPMEADOW STREET, SIMSBURY, CONNECTICUT" BY F.A. HESKETH & ASSOCIATES, INC., DATED 06-08-2021, REVISED 08-27-2021, AND A COMPILATION PLAN ENTITLED "COMPILATION PLAN, LOT LINE ADJUSTMENT PLAN, PREPARED FOR INFINITY IV, LLC, 34 HOPMEADOW STREET, SIMSBURY, CONNECTICUT", DATED 08-27-2021.
- 2. ALL WORK AND MATERIALS TO CONFORM TO THE SPECIFICATIONS, DOT FORM 818, TOWN OF SIMSBURY SPECIFICATIONS, CUSTODIAL UTILITY COMPANY SPECIFICATIONS, AND THE DETAILS SHOWN ON THESE PLANS, AS APPLICABLE.
- 3. PRIOR TO ANY EXCAVATION THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES BY CALLING "CALL BEFORE YOU DIG" 1-800-922-4455 AT LEAST 48 HOURS IN ADVANCE.
- 4. THE LOCATION OF ALL UTILITIES SHOWN IS APPROXIMATE AND IS BASED UPON AVAILABLE AS—BUILT INFORMATION FROM UTILITY COMPANY RECORDS, THE PROPERTY OWNER, AND LIMITED SURVEY DATA. NOT ALL UTILITIES MAY BE SHOWN, AND THOSE SHOWN MAY NOT BE ACCURATE. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL UTILITIES ON THE SITE PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY AND NOTIFYING THE SITE DESIGN ENGINEER OR ARCHITECT, AS APPLICABLE, OF ANY ADJUSTMENTS TO THE PLANS WHICH ARE NECESSARY. TEST PITS WILL BE REQUIRED AT ALL PROPOSED UTILITY CROSSINGS IN ORDER TO DETERMINE UNDERGROUND UTILITY LOCATIONS AND TO IDENTIFY POTENTIAL CONFLICTS WITH VERTICAL AND HORIZONTAL ALIGNMENTS SHOWN ON THE PLANS. TEST PITS SHALL BE COMPLETED BY THE CONTRACTOR AT HIS EXPENSE.
- 5. ALL UTILITIES TO BE INSTALLED, RELOCATED, AND/OR PROTECTED IN ACCORDANCE WITH UTILITY COMPANY STANDARDS, AS APPLICABLE, AND IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REQUIREMENTS. FINAL LOCATION OF UTILITY CONNECTIONS OR METHODS OF PROTECTION ARE SUBJECT TO REVISION BY INDIVIDUAL UTILITY COMPANIES PRIOR TO THE INSTALLATION OR IMPLEMENTATION OF PROTECTION. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE WORK WITH THE APPLICABLE UTILITY COMPANIES, FOR COORDINATING UTILITY CONNECTIONS OR RELOCATIONS WITH THE SITE WORK AND BUILDING CONSTRUCTION, AND COORDINATING THE PROTECTION OF ALL UTILITIES NECESSARY TO PERFORM THE WORK SHOWN ON THE PLANS. COORDINATION ACTIVITIES SHALL BE SCHEDULED AND TAKE PLACE PRIOR TO THE START OF CONSTRUCTION ACTIVITIES EFFECTING THE UTILITIES INSTALLATION, REPLACEMENT, AND/OR PROTECTION.
- 6. INSTALLATION OF UTILITIES SHALL BE COMPLETED IN STRICT ACCORDANCE WITH THE PLANS, BOTH IN VERTICAL AND HORIZONTAL ALIGNMENTS, UNLESS SPECIFICALLY APPROVED BY THE SITE ENGINEER.
- 7. A PRE-CONSTRUCTION MEETING AND AUTHORIZATION TO PROCEED WILL BE REQUIRED PRIOR TO THE START OF ANY CONSTRUCTION, INCLUDING REMOVAL OF TREES AND/OR DEMOLITION ACTIVITIES. PROCEDURES FOR SUCH PRE-CONSTRUCTION MEETING AND AUTHORIZATION TO PROCEED SHALL BE IN ACCORDANCE WITH TOWN AND STATE REQUIREMENTS.
- 8. PRIOR TO CONSTRUCTION, THE TOWN PLANNING & DEVELOPMENT DEPARTMENT SHALL BE CONTACTED AT (860) 658-3228, TO INSPECT THE INSTALLATION OF EROSION CONTROL MEASURES.
- 9. ALL WORK ON THIS PROJECT SHALL BE COMPLETED IN CONFORMANCE WITH THE REQUIREMENTS OF THE VARIOUS FEDERAL, STATE, AND LOCAL PERMITS ISSUED FOR THIS PROJECT.
- 10. EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE PLAN, SPECIFICATIONS, THE EROSION AND SEDIMENTATION CONTROL NOTES, AND APPLICABLE STATE AND LOCAL REQUIREMENTS.
- 11. NO STUMPS OR OTHER DELETERIOUS MATERIALS ARE TO BE BURIED ON THE SITE.
- 12. ALL DEBRIS SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR.
- 13. DRAINAGE SHALL BE MAINTAINED THROUGHOUT THE PROJECT SO AS NOT TO CAUSE FLOODING OF ROADWAYS OR DAMAGE TO PRIVATE PROPERTY.
- 14. TRAFFIC CONTROL OPERATIONS SHALL BE CONDUCTED TO THE SATISFACTION OF THE TOWN AND STATE OFFICIALS.
- 15. WORK WITHIN THE STATE HIGHWAY RIGHT OF WAY REQUIRES AND ENCROACHMENT PERMIT FROM THE CT. D.O.T. DISTRICT 4. THE CONTRACTOR IS RESPONSIBLE FOR PROCURING THE PERMIT PRIOR TO THE START OF CONSTRUCTION.
- 16. PERIMETER SITE LIGHTING SHALL BE DIRECTED AWAY FROM ABUTTERS

CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL MEASURES

Refer to the "Connecticut Guidelines For Soil Erosion And Sediment Control — 2002" (see Erosion and Sediment Control Note 3) when constructing erosion control devices shown on this plan.

All of the control devices listed below may not be indicated on the initial SE&SC Plans and may not be necessary on a specific project. The Contractor shall utilize these devices, and others as necessary, as the project proceeds and as conditions warrant.

CE — CONSTRUCTION EXIT: a broken stone pad providing a hard surface point where vehicles will leave the site. The construction exits reduce tracking of sediment into adjacent pavement. Excess sediment should be periodically removed from the stone surface.

- DB DETENTION BASIN: An impoundment made by constructing a dam or an embankment (embankment detention basin), or by excavating a pit or dugout (excavated detention basin). Basins resulting from both excavation and embankment construction are classified as embankment detention basins where the depth of water impounded against the embankment at emergency spillway elevation is three feet or
- DC DUST CONTROL: The control of dust with water or calcium chloride.

DWM — DEWATERING EARTHEN MATERIALS: A procedure that uses a perimeter earthen berm and excavation to create a containment area where excessively wet soil is placed to allow for the draining of water or evaporation of excessive moisture.

ECB — EROSION CONTROL BLANKET: A manufactured blanket composed of biodegradable / photodegradable natural or polymer fibers and/or filaments that have been mechanically, structurally or chemically bound together to form a continuous matrix.

receiving ground water pumped from foundation excavations. If the pumped water includes significant sediment loads use a Pump Settling Basin.

HBCD — HAY BALE CHECK DAMS: shall be staked in a single row perpendicular to the

FD — FOUNDATION DEWATERING: A excavated area, surrounded by hay bales for

flow along the bottom and sides of drainage ditches and channels or in other locations where runoff is concentrated. Check dams shall be installed at 100' intervals unless indicated otherwise. Silt must be removed and haybales replaced periodically.

HBEC — HAYBALE EROSION CHECKS shall be staked a minimum of five (5) feet from the base of disturbed slopes exceeding eight (8) feet in height, or at locations shown on the plans. Place haybales before starting a fill slope and after digging a cut slope. Heel haybales 4" into the soil. Remove all sediment when deposits reach 1/2 bale height. Haybales must be replaced periodically.

IP — CATCH BASINS INLET PROTECTION: Staked haybales around the perimeter of catch basins or silt sacks installed within the catch basin.

LG — LAND GRADING: Reshaping of the ground surface by excavation or filling or both, to obtain planned grades.

LP — LANDSCAPE PLANTING: Planting trees, shrubs, or ground covers for stabilization of disturbed areas.

MS — MULCH FOR SEED: Application of a mulch that will protect the soil surface on a temporary basis and promote the establishment of temporary or permanent seedings.

PS — PERMANENT SEEDING: Establishment of permanent stand of grass and/or legumes by seeding and mulching exposed soils with a seed mixture appropriate for long term stabilization.

PSB — PUMPING SETTLING BASIN: An enclosed sediment barrier or excavated pit constructed with a stable inlet and outlet such that sediment laden water from pumping operations is de—energized and temporarily stored, allowing sediments to be settled and/or filtered out before being released from the construction site.

RRPP — RIP RAP PLUNGE POOL: a riprap lined apron installed at a zero percent grade to absorb the initial impact of stormwater discharge from the storm drainage system and further reduce flow velocities to prevent erosion downstream.

RRSW — RIP RAP SWALE: a swale with rip rap lining installed to absorb the energy of flowing stormwater and reduce flow velocities to prevent erosion of the channel.

SCD — STONE CHECK DAM: A temporary or permanent stone dam placed across a drainage—way.

SD — SUBSURFACE DRAINS: Used in areas having a high water table where benefits of lowering or controlling groundwater or surface runoff are desired. Where soil permeability is sufficient to permit installation of an effective and economically feasible system.

SFB — STONE FILTER BERM: A temporary or permanent stone filter placed across a drainage—way or discharge area designed to slow flow and filter sediment.

SFEC — SEDIMENT FENCE EROSION CHECK: a synthetic textile barrier designed to filter sediment from surface water runoff. Placement shall be similar to HBEC and installation requires anchoring the fence bottom to prevent bypass. All sediment shall be removed if deposits reach one (1) foot in depth. Additional support (such as snow fence or wire fence) on the downhill face may be required to strengthen sediment fence in high flow locations.

TD — TEMPORARY DIVERSION: A temporary channel with a berm of tamped or compacted soil placed in such a manner so as to divert flows.

TO — TOPSOILING: The application of topsoil to promote the growth of vegetation following the establishment of final grades.

TP — TREE PROTECTION: The protection of trees to remain by surrounding with silt fence or construction fence. The fence should be placed approximately at the drip line of the tree.

TS — TEMPORARY SEEDING: Establishment of a temporary stand of grass and/or legumes by seeding and mulching exposed soils with a seed mixture appropriate for long term stabilization.

TSP — TEMPORARY SLOPE PROTECTION: Application of a degradable material that will protect the soil surface on a temporary basis with the intention of promoting plant growth

TSS — TEMPORARY SOIL STOCKPILE: Temporary location of stockpiled topsoil. Locations shall generally be on level ground away from drainage—ways and shall be ringed with silt fence and/or haybales. Stockpile shall be seeded if it remains in place for more than

TST — TEMPORARY SEDIMENTATION TRAP: A temporary ponding area with a stone outlet formed by excavation and/or constructing an earthen embankment to detain sediment—laden runoff from small disturbed areas long enough to allow a majority of the sediment to settle out.

TRM — PERMANENT TURF REINFORCEMENT MAT: A manufactured mat composed of non—biodegradable polymer or synthetic fibers mechanically, structurally or chemically bound together to form a continuous matrix.

LONG TERM STORMWATER SYSTEM AND OVERALL SITE MAINTENANCE PLAN

IT IS IMPORTANT THAT A LONG TERM MAINTENANCE PLAN BE IMPLEMENTED AND EXECUTED THROUGHOUT THE LIFE OF THE FACILITY.

STORMWATER SYSTEM

- 1. MAINTENANCE OF THE ON-SITE STORM WATER SYSTEM IS THE RESPONSIBILITY OF THE PROPERTY OWNER. THIS INCLUDES ALL CATCH BASINS, YARD DRAINS, PIPING, MANHOLES, WATER QUALITY BASIN, INFILTRATOR UNITS, ROOF LEADERS AND THE DRAINAGE PIPES.
- 2. THE FOLLOWING SCHEDULE OF MAINTENANCE SHALL BE FOLLOWED:

A. IN GENERAL, GOOD HOUSEKEEPING PRACTICES SHALL BE INCORPORATED INTO THE ROUTINE SITE AND FACILITY MAINTENANCE PLAN TO MINIMIZE DEPOSITION OF SEDIMENT, LITER AND CONTAMINANTS INTO THE STORM DRAINAGE SYSTEM.

B. PAVED PARKING AND LOADING AREAS AND WALKS SHALL BE SWEPT OF DEBRIS, SAND, AND LITTER AT LEAST TWICE ANNUALLY, IN PARTICULAR, LATE SPRING AFTER WINTER SANDING OPERATIONS, AND IN LATE FALL AFTER LEAF LITTER CLEANUP.

C. CATCH BASINS, INFILTRATOR UNITS, AND THE WATER QUALITY BASIN SHALL BE INSPECTED SEMIANNUALLY, FOLLOWING SPRING AND FALL SITE CLEANUP. ACCUMULATED SEDIMENT AND DEBRIS SHALL BE REMOVED AND DISPOSED OF TO APPROVED OFF—SITE LOCATIONS.

3. MAINTENANCE RECORDS DOCUMENTING SYSTEM INSPECTIONS AND CLEANING OPERATIONS SHALL BE MAINTAINED BY THE PROPERTY OWNER AND SHALL BE MADE AVAILABLE FOR INSPECTION BY THE TOWN AS REQUESTED.

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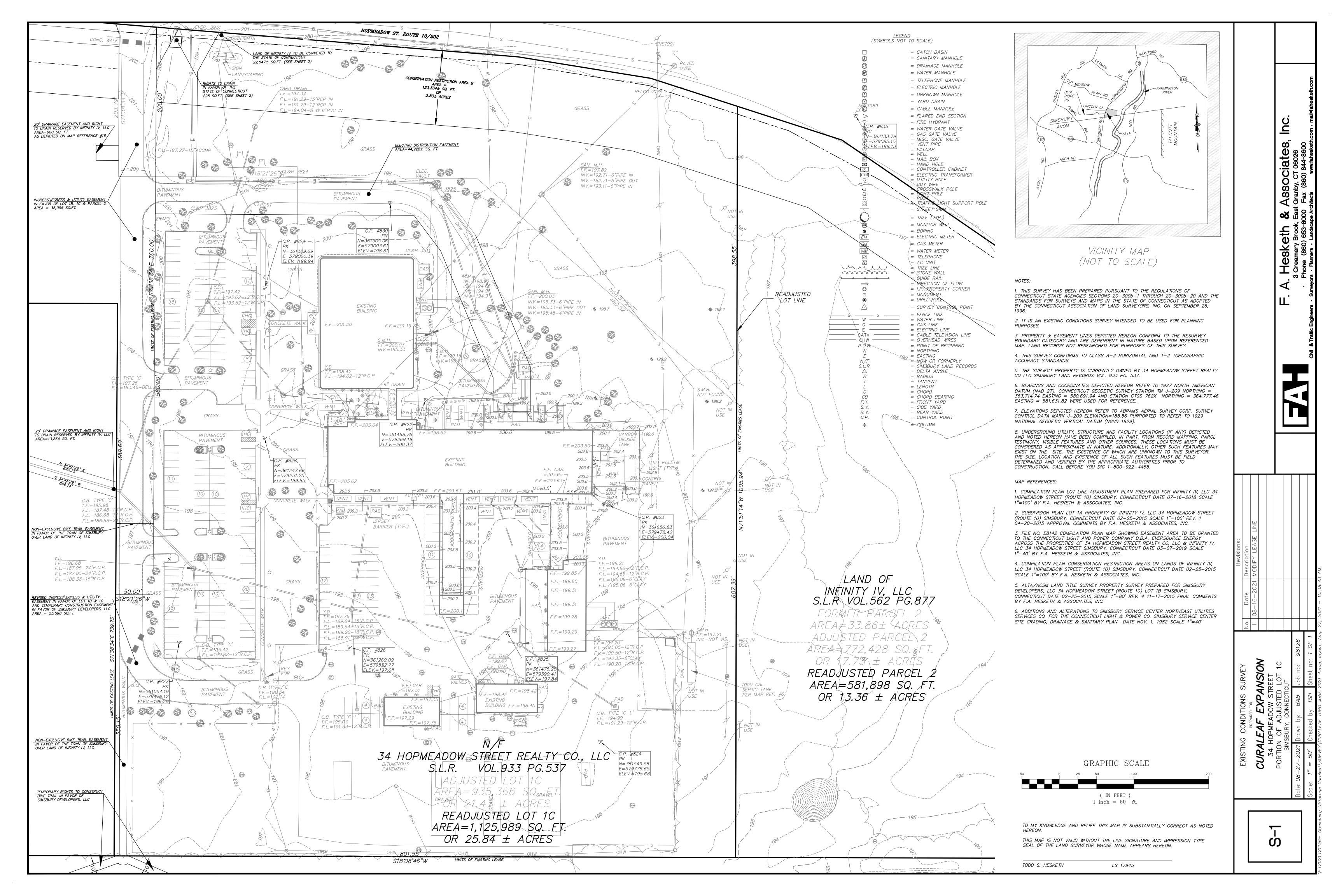


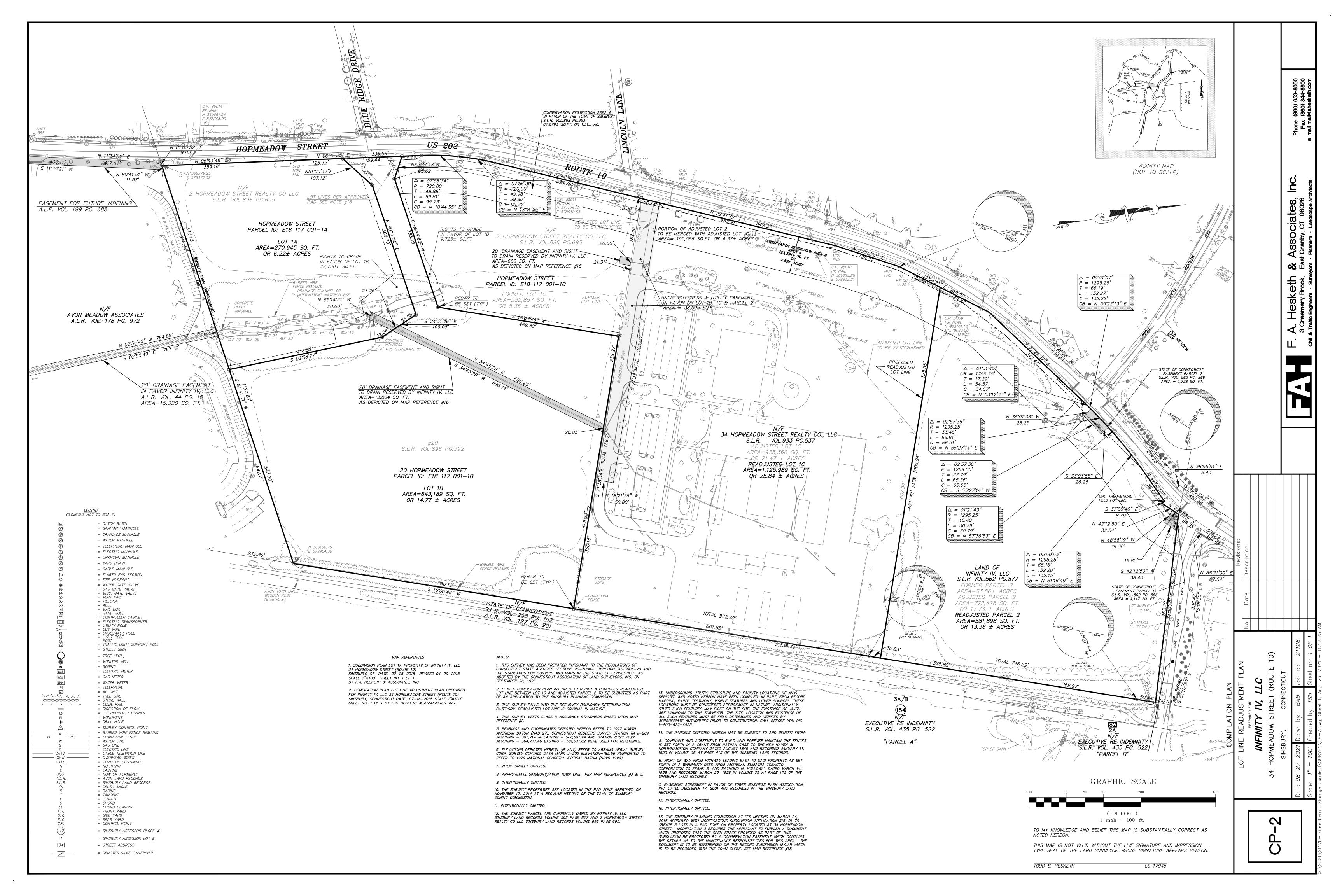
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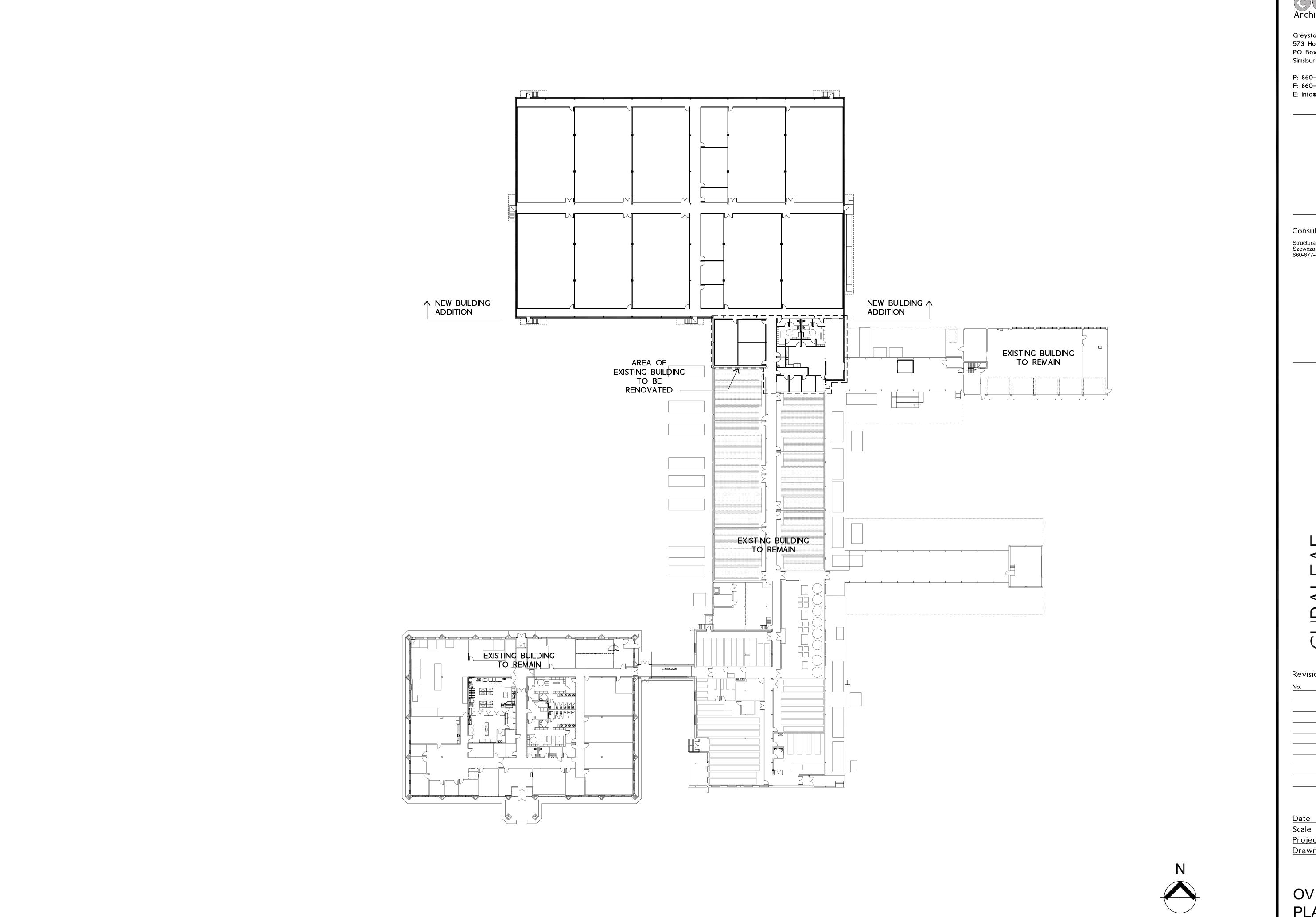
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HOPMEADOW STREET

Date: 08-27-20 Scale: NTS

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Consultants

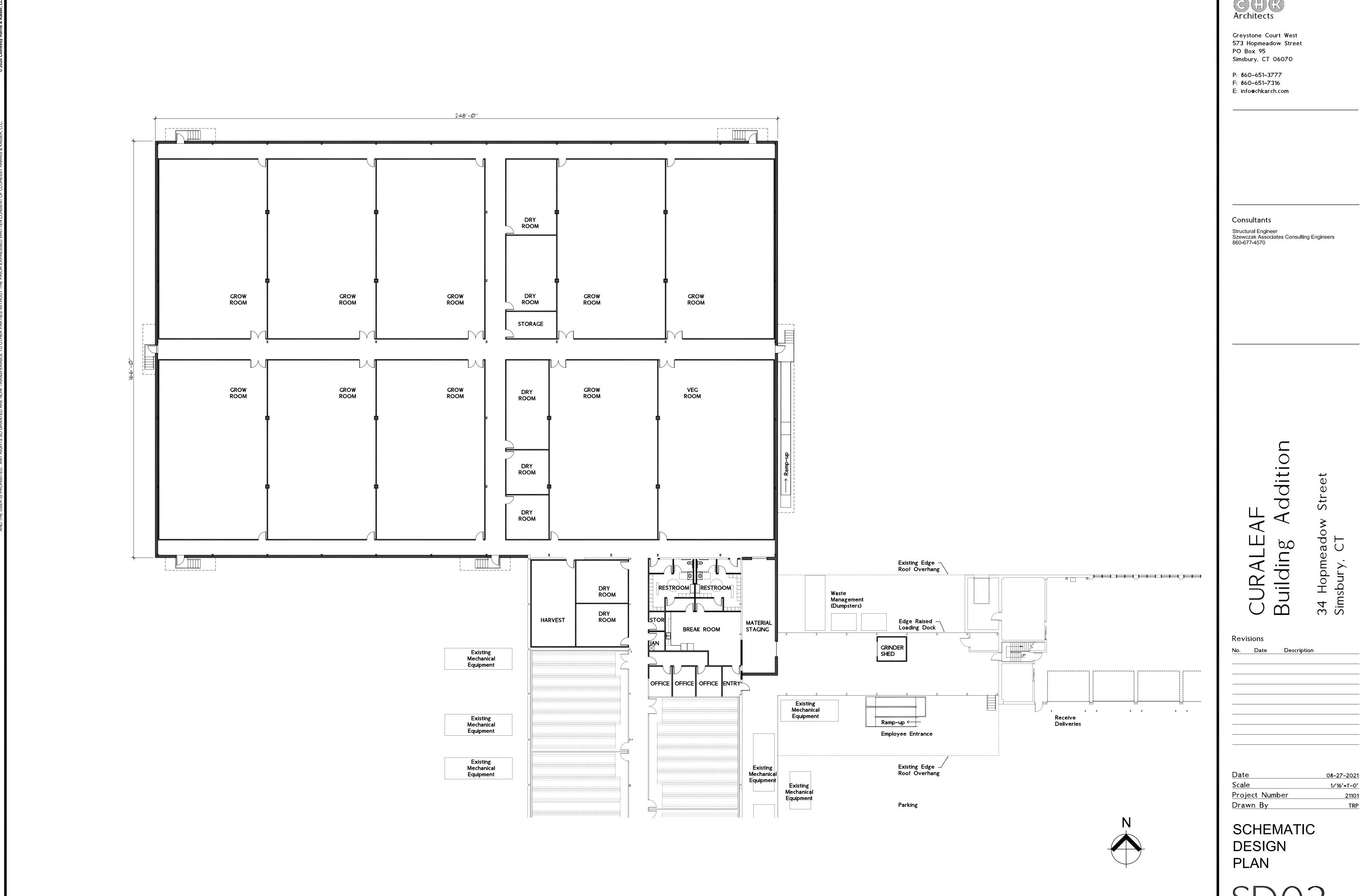
Structural Engineer Szewczak Associates Consulting Engineers 860-677-4570

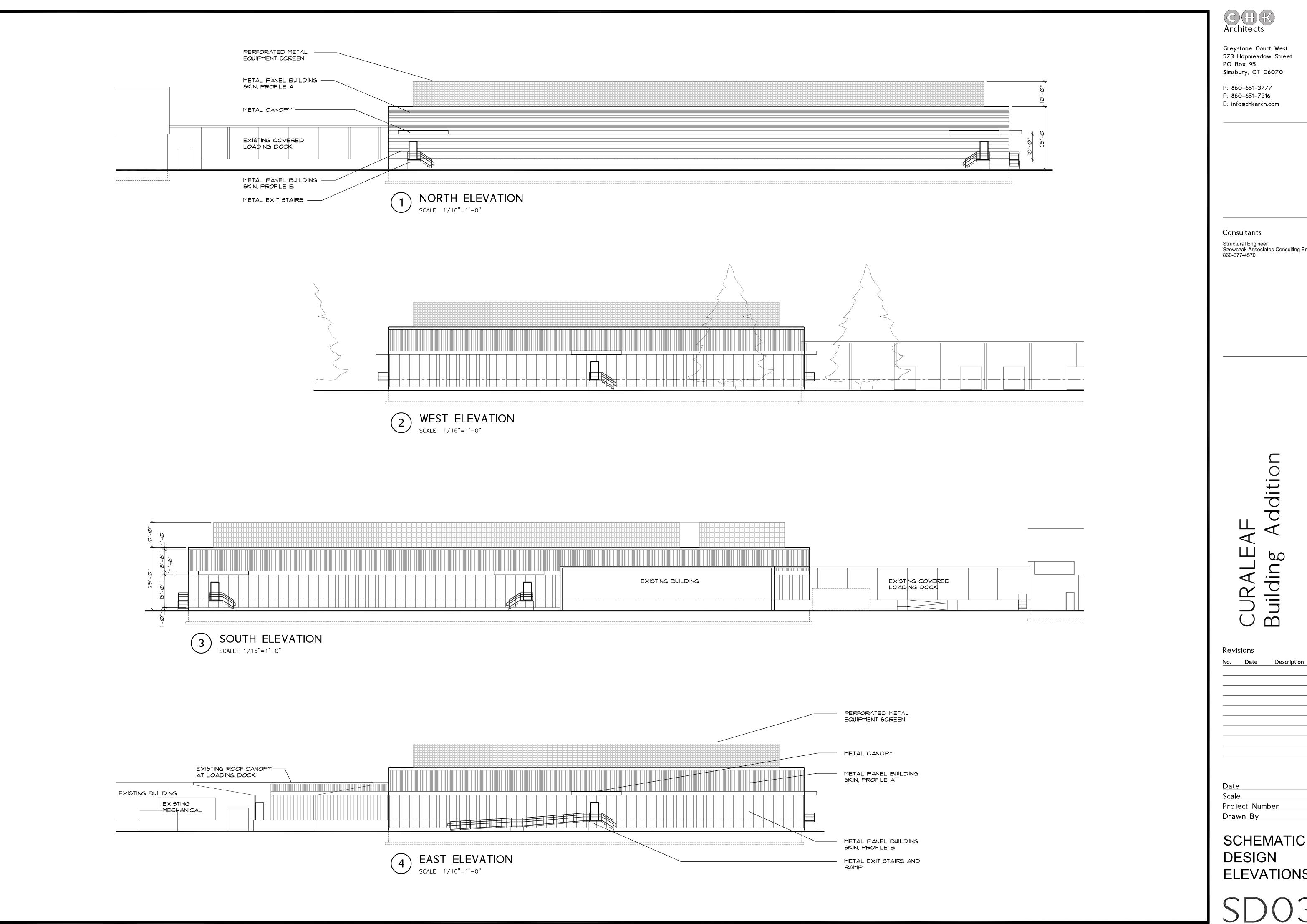
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OVERALL PLAN







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SCHEMATIC DESIGN **ELEVATIONS**