Tel: (508) 520-4907 Fax: (508) 520 4906

Town of Franklin



Planning Board

Due to the growing concerns regarding the COVID-19 virus, we will be conducting a remote/virtual Planning Board Meeting. In an effort to ensure citizen engagement and comply with open meeting law regulations, citizens will be able to dial into the meeting using the provided phone number (Cell phone or Landline Required) OR citizens can participate by copying the link (Phone, Computer, or Tablet required).

Please click on the link https://us02web.zoom.us/j/87927277562 or call on your phone at 312-626-6799, meeting # 87927277562.

May 4, 2020

7:00 PM	Commencement/General Business	
7:05 PM	PUBLIC HEARING – Continued 300 East Central Street Site Plan - Change in Use Continue to May 11	Adv.: Sept. 23 2019 & Sept. 30, 2019 Abut.: Sept. 19, 2019
7:05 PM	PUBLIC HEARING – Continued 12 Forge Parkway Site Plan Modification	Adv.: March 23 & March 30, 2019 Abut.: March 23, 2020
7:05 PM	PUBLIC HEARING –Continued 158 Grove Street Special Permit & Site Plan Modification	Adv.: March 23 & March 30, 2019 Abut.: March 23, 2020
7:05 PM	PUBLIC HEARING —Continued Panther Way Special Permit & Site Plan Continue to May 18	Adv.: March 23 & March 30, 2019 Abut.: March 23, 2020
7:10 PM	PUBLIC HEARING – Continued 94 East Central St – Multi-Family Special Permit & Site Plan Continue to May 11	Adv.: Jan 27 & Feb 3, 2020 Abuts: Jan. 22, 2020
7:10 PM	PUBLIC HEARING – Continued 176-210 Grove Street Site Plan	Adv.: March 9 & March 16, 2020 Abuts: March 9, 2020

Tel: (508) 520-4907 Fax: (508) 520 4906

Adv.: Dec. 2 & Dec. 9, 2019

Abuts: Nov. 26, 2019

PUBLIC HEARING – Continued 7:10 PM

160 Grove St

Special Permit & Site Plan **Continue to May 18**

GENERAL BUSINESS:

A. Lot Release & Bond: Mine Brook Estates

This agenda is subject to change. Last updated: April 29, 2020 The next meeting of the Planning Board is scheduled for May 11, 2020.

FRANKLIN PLANNING & COMMUNITY DEVELOPMENT



355 EAST CENTRAL STREET FRANKLIN, MA 02038-1352 TELEPHONE: 508-520-4907

Fax: 508-520-4906

MEMORANDUM

DATE: April 29, 2020

TO: Franklin Planning Board

FROM: Department of Planning and Community Development

RE: Bond – Tripartie Agreement

Covenant Release - Form G

Mine Brook Estates

- 1. The Planning Board approved on October 7, 2019 a Definitive Subdivision Modification plan entitled "Mine Brook Estates Margaret's Cove".
- 2. A Public Right away Covenant was recorded at the Registry of Deeds on December 2, 2019, as required per Condition #6 in the Certificate of Vote.
- 3. The applicant has submitted a Form G Covenant release requesting 6 lots and the drainage lot of the Definitive Subdivision plan be released.
- 4. Matt Crowley, BETA Group, has performed an on-site inspection and has estimated the cost for completion is \$267,887.
- 5. The applicant is proposing a Surety Bond which needs to be accepted by the Treasurer.

Summary

- Planning Board will need to vote to accept the Bond amount of \$267,887 and release 6 lots.
- Signatures will not be obtained until the State of Emergency is lifted.

FORM H - Partial CERTIFICATE OF PARTIAL RELEASE

WHEREAS, on May 4, 2020, the Town of Franklin, a Massachusetts municipal corporation, acting through its Planning Board, with an address of Municipal Building, 355 E. Central Street, Franklin, Massachusetts 02038 [hereinafter "board"] received a request for a Certificate of Partial Release concerning the construction of ways and installation of municipal services in a subdivision owned by WHITMAN HOMES, TNC. with an address of 1200 TURNPIKE ST. CANTON, MAY 02021
, with an address of 1200 TORNITES 31. CAPTON THE
[hereinafter "owner"];
WHEREAS, on October 7, 2019, based on the owner's application dated Jone 21 2019, and after duly noticed public hearing(s), the board approved a definitive subdivision plan showing SIX (6) lots, which is entitled: DEFINITIVE CORDINATION MODIFICATION MINERALOR ESTATES by: GUERRIERE AND HALMON, THE and recorded or registered at the Norfolk County Registry of Deeds as Plan # 1946-222; PLAN BOK 688 PAGE 4, 12
FLAN STOR 633
WHEREAS, the approved definitive subdivision plan shows the division of a parcel of land located at
NOW THEREFOR, the board has determined that the construction of ways and installation of municipal services have been partially completed to the satisfaction of the board, as set forth in a vote attached hereto; and that:
the following enumerated lots are hereby released from the covenant dated: DECEMBER 2 2019: Lots 73A, 74A, 75A, 76B, 77B, 78A AND PARCELA
the performance guarantee, which secures the construction of ways and installation of municipal services, as provided in the agreement dated, may be reduced in the amount of, and
the Treasurer of the town of Franklin is hereby directed to release such sum as provided in the agreement.

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Duly exe majority	of the memb	ers of the Plannin	ng Board of the	Town o	f Franklin.	
PLANNI	NG BOARD	OF THE TOWN	OF FRANKI	IN		
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731 °	Daniel mam	ber				
Planning	Board mem	bei				
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nublic	On this	day of	,	20	, before me, the unde (name of document :	rsigned notary signer), proved to
me thro	ough satisfactorson whose name	ry evidence of idea ne is signed on the	ntification, whic preceding docu	h were _ ment in n	ny presence.	10 00
						*
				Notary	signature and seal of notary Public: mmission Expires:	
				wij co.		
cc:	Town Clerk Treasurer, 'Building D	r, Town of Frank Town of Franklin epartment	lin			

Subdivision Work Completion List

(To accompany Form H- Engineer's and Owner's Certificate of Partial Completion)

Subdivision Name:Definitive Subdivision M	odification - Mine Brook Estates				
Owner Name: Whitman Homes					
Owner's Engineer: Strong Point Engineering					
Date of Partial Certificate of Completion	March 27. 2020				
Outstanding Items:	Required Date of Completion:				
Install Roadway Base and Pavement	Oct. 11, 2023 (All)				
Install Curbing					
Install Gas Util.					
Install E-T-C Util.					
Install Street Lights					
Install Sidewalks and Ramps (2)					
Reset Structure Rims					
Finalize Stormwater Basin					
Install Northwest Retaining Wall @ Basin					
Install Chainlink Fence @ Basin					
Install Street/Stop Sign (1)					
Install Street Trees (22)					
Install Right of Way Monuments (13)					
Loam and Seed Right of Way					
Final Site Stabilization/Clean up					
Approved by:	_, Town Engineer Date:				
Signed by:	, Engineer Date:				
Signed by:	, Owner Date:				
* A Notarized Form H- Engineer's and O	wner's Certificate of Partial Completion Part 1				

^{*} A Notarized Form H- Engineer's and Owner's Certificate of Partial Completion Part 1 and 2 must accompany this form prior to acceptance by the Planning Board.

FORM G

CERTIFICATE OF RELEASE

The undersigned, being a majority of the Planning Bo	ard of the Town of Franklin, hereby certify	
that the requirements for work called for in the Covenant dated	December 2, 2019 and recorded	
with Norfalk County Registry of Deeds in Book 37493	Page 4/3 (or registered with the	
Land Dagistry District of Norfolk County as Document No	and noted on Certificate of 1 file	
No in Registration Book	Have been completed to the substitution	
of the Planning Roard () R a security instrument in the form of	la Lender S Agreement (FORWIN) 30KE //	BON
with Trongeriane Fixer of Leguerre Co. (name of Leg	nder), a Tripartite Agreement with the Town	
of Franklin and	(Hante of Balik) of a Passbook Agreement	
with I I I I I I I I I I I I I I I I I I I	ne of bank), being Account	
No. which is satisfactory to the Plannir	g Board of the Town of Franklin in	
accordance with M.G.L. Chapter 41 Section 81K et. seq., has	been posted as to the following enumerated	
lots shown on the plan entitled "*	" and recorded with the said Registry	
of Deeds as Plan No. 1946-222 in Plan Book 688-4-12 (or	registered with the Land Registry District of	
Norfall County of Land Court Plan No. 380	noted on Certificate of Title	
Norfolk County as Land Court Plan No. and No. in Registration Book and said lots	are hereby released from the restrictions as	
to sale and building specified thereon. The lots designated on	said Plan which are hereby released are as	
follows:	Page 1	
follows: 73A, 74A, 75A, 76B, 77B, 78A	AND PARCEL M	
shown on MARGARET'S COVE (Name of Stre	ete)	
snown on THE GANCETS COLO (IVAINE OF SEC	213)	
Executed this day of, 20	by a majority of the Planning Board of the	
	_ oy u majority of the f	
Town of Franklin.		
Maintenantable Diaming Doggd	DEFINITIVE SUBDIVISION MODIFICA	7)00
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Town of Franklin	FRANKLIN, MASSACHUSETTS	
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	20 hasan me the undergraned notary	
On this day of public, personally appeared the Franklin Planning Board, pro	20, before me, the undersigned notary	
public, personally appeared the Franklin Planning Board, pro	ved to me through satisfactory evidence of	
identification, which were	to be the person whose name is signed on	
the preceding document in my presence.		
·		
		-
	(Official signature and seal of notary)	
	Notary Public:	
	My Commission Expires:	



TOWN OF FRANKLIN - SITE OBSERVATION REPORT Mine Brook Estates

Report No.: 4831 19 – 023 Date: April 24, 2020 Arrive: 11:00 AM

Observer: Nick O'Connell Weather: Cloudy ~50° Leave: 12:00 PM

Applicant: Whitman Homes Contractor: Canesi Bros. Construction

1200 Turnpike Street801 Union StreetCanton, MA 02038Franklin, MA 02038

Items Observed: Conformance Observation – Submitted in conjunction with

Applicant's request for acceptance of Form H – Certificate of Partial Completion

OBSERVATIONS

Observation Requested By: Rich Whittington – Whitman Homes

Met/walked site with: Bill Canesi - Canesi Bros. Construction

Current Activity on Site: No current activity

Observed Construction: BETA arrived on site to perform a construction observation in conjunction with the Applicant's request for acceptance of Form H – Certificate of Partial Completion. The required Form H, Subdivision Work Completion List, and interim As-built plan, all dated March 24, 2020, were provided by email.

BETA's site walk and review of the Approved Plans confirmed the site to be constructed in general conformance with the Approved Plans, based upon construction completed to date. The HMA binder course has been installed on the roadway with a dribble berm along the edges for drainage. The infiltration basin has also been constructed, complete with rip rap and loam and seed. Remaining work items to be completed are as detailed on the attached Cost to Complete Estimate. Erosion control measures were observed to be properly installed and are functional. Installed drainage is also functioning. BETA notes the installed dribble berm will need to be periodically monitored to ensure continued function.

SITE PHOTOS



Infiltration Basin with Loam and Seed



Typical Catch Basin with Dribble Berm



2 of 3



Rip Rap at Detention Basin



Typical Section of Paved Roadway with Dribble Berm





JOB

CALC CHKD

Order of Magnitude **Construction Cost**

Mine Brook Estates, Franklin, MA ND. 4831 82 NO DATE 03/31/20 MC DATE **04/27/20** SHEET 1 of 1

Item Description	Uni	QTY	U	nit Cost	Item Cost
TOP COURSE PAVEMENT (1.5")	TON	l 190	\$	120	\$ 22,803
GRANITE EDGING TYPE SA	FT	1,200	\$	35	\$ 42,000
INSTALL GAS UTILITIES (EXCAVATION AND BACKFILL)	LS	1	\$	10,000	\$ 10,000
INSTALL ELECTRIC CONDUIT	FT	650	\$	35	\$ 22,750
LIGHT STANDARD FOUNDATION SD 3.010	EA	3	\$	1,200	\$ 3,600
LIGHT POLE	EA	3	\$	5,000	\$ 15,000
LIGHTING LUMINAIRE	EA	3	\$	2,000	\$ 6,000
GRAVEL BORROW FOR SIDEWALKS	CY	92	\$	50	\$ 4,605
CEMENT CONCRETE WHEELCHAIR RAMPS	SY	19	\$	105	\$ 1,972
HOT MIX ASPHALT WALK SURFACE	TON	J 90	\$	240	\$ 21,600
DRAINAGE STRUCTURE ADJUSTED (DMH x 1 + CB x 1)	EA	11	\$	450	\$ 4,950
SANITARY STRUCTURE ADJUSTED	EA	4	\$	450	\$ 1,800
60 INCH CHAIN LINK FENCE - VINYL COATED	FT	150	\$	50	\$ 7,500
STREET NAME SIGN	EA	1	\$	100	\$ 100
WARNING-REGULATORY AND ROUTE MARKER - ALUMINUM PANEL (TYPE A)	SF	10	\$	13	\$ 130
MAPLE - RED - 'OCTOBER GLORY' 2-2.5 INCH CALIPER	EA	7	\$	650	\$ 4,550
MAPLE - SUGAR 2-2.5 INCHES CALIPER	EA	7	\$	650	\$ 4,550
OAK - WHITE 2.5-3 INCH CALIPER	EA	8	\$	800	\$ 6,400
CONCRETE BOUNDS	EA	13	\$	520	\$ 6,760
LOAM BORROW (ROW & DRAIN EASEMENT)	CY	360	\$	55	\$ 19,800
SEEDING (ROW & DRAIN EASEMENT)	SY	1720	\$	2	\$ 3,440
AS-BUILT SURVEY	LS	1	\$	4,000	\$ 4,000
Subtotal					\$ 214,310
Contingency (Engineering Services & Bid Documents, etc)	25%				\$ 53,577
ORDER OF MAGNITUDE CONSTUCTION COST					\$ 267,887

Unit Prices based on MassDOT current unit prices

PROPOSED PARKING EXPANSION PROJECT:

12 FORGE PARKWAY

FRANKLIN, MASSACHUSETTS

P8/GFI 12 FORGE PARK LLC APPLICANT:

133 PEARL STREET

BOSTON, MASSACHUSETTS

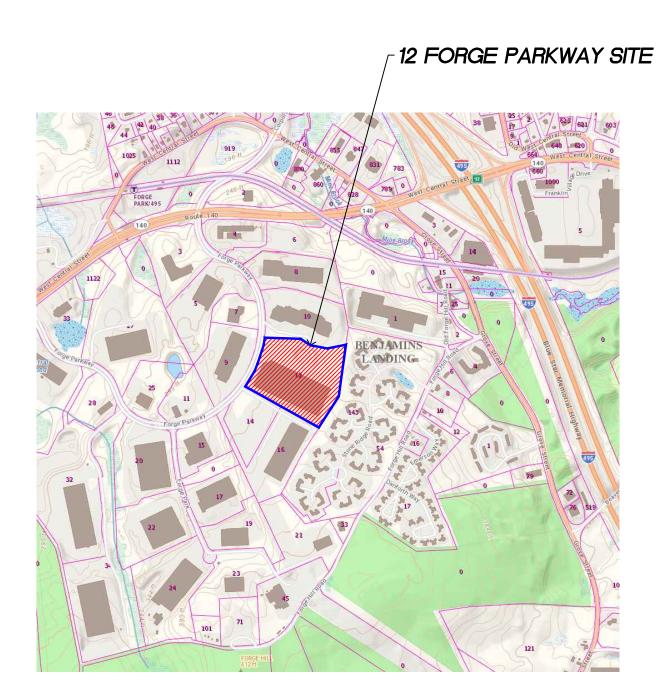
EUGENE T. SULLIVAN, INC.

ENGINEER: 230 LOWELL STREET- SUITE 2A

WILMINGTON, MASSACHUSETTS

DRAWING INDEX:

SHEET NO.	DESCRIPTION	PLAN DATE
C.1	EXISTING CONDITIONS PLAN	02/28/2020
C.2	SITE LAYOUT PLAN	02/28/2020
C.3	DRAINAGE AND UTILITIES PLAN	02/28/2020
C.4	CONSTRUCTION DETAILS	02/28/2020



SITE LOCUS

APPROVED BY THE TOWN OF FRANKLIN PLANNING BOARD:

THE ELECTRONIC DATA USED IN THE PREPARATION OF THESE PLANS WAS BASED UPON AN EXISTING CONDITIONS PLAN PROVIDED BY CONECO ENGINEERS AND SCIENTISTS DATED **NOVEMBER 6. 2019**

GENERAL NOTES:

- 1. THE CONTRACTOR SHALL NOTIFY "DIG-SAFE" [888.344.7233] AND VERIFY ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION
- THE UNDERGROUND UTILITIES SHOWN ON THESE PLANS HAVE BEEN LOCATED BY FIELD SURVEY AND EXISTING DRAWINGS. THIS ENGINEER MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA EITHER IN USE OR ABANDONED. THE ENGINEER FURTHER DOES NOT WARRANT THAT THE LITH ITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM THE INFORMATION AVAILABLE.
- THESE SITE PLANS ARE BASED UPON AN ON-THE-GROUND TOPOGRAPHICAL SURVEY. NO ATTEMPT WAS MADE IN PREPARING THESE PLANS TO ASCERTAIN THE LOCATION OF NON-VISUALLY APPARENT SUBSURFACE UTILITIES AND
- STRUCTURES OR CONDITIONS. 4. THESE PLAN HAVE BEEN PREPARED FOR THIS CLIENT AND THIS PROJECT. REPRODUCTION IN WHOLE OR IN PART FOR OTHER PURPOSES IS STRICTLY
- 5. THESE DRAWINGS SHALL NOT BE SCALED. IF CLARIFICATION OF INTENT IS REQUIRED, THE CONTRACTOR SHALL REQUEST CLARIFICATION PRIOR TO
- CONTINUING HIS WORK. 6. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO INITIATION OF THE WORK AND SHALL NOTIFY THE CIVIL ENGINEER OF RECORD AND THE OWNER OF ANY DISCREPANCIES WITH THE SITE CONDITIONS OR PROPOSED CONSTRUCTION
- IMMEDIATELY UPON DISCOVERY. 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING PROPOSED
- CONSTRUCTION WITH EXISTING CONDITIONS. 8. THE CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN ALL REQUIRED PERMITS AND LICENSES 9. ALL WORK SHALL CONFORM TO ALL LOCAL AND STATE REGULATORY AGENCIES
- AND UTILITY REQUIREMENTS. 10. UPON ENTERING THE SITE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EROSION CONTROL, DEWATERING AND SHALL UNDERTAKE ALL MEASURES TO PROTECT WETLANDS, THE DRAINAGE SYSTEMS, ADJACENT PROPERTIES AND STREETS FROM SILTATION, STORMWATER RUNOFF, AND DUST DURING THE
- ENTIRE PROJECT DURATION. 11. THE LIMIT OF WORK SHALL BE AS DESIGNATED ON THESE PLANS, AND/OR THE EDGE OF PROPOSED GRADING AND/OR THE PROPERTY LINES IF NOT INDICATED
- 12. THE CONTRACTOR SHALL CLEARLY MARK THE LIMITS OF WORK PRIOR TO THE START OF CONSTRUCTION. 13. MATERIALS IMPORTED TO THE SITE SHALL BE FREE OF HAZARDOUS WASTE AND
- NOXIOUS MATERIALS, STORED AS DESIGNATED AND SHALL NOT HAMPER THE SITE 14. MATERIALS EXPORTED FROM THE SITE SHALL BECOME THE PROPERTY OF THE
- CONTRACTOR AND DISPOSED OF IN A LEGAL MANNER. 15. ALL NECESSARY POLICE DETAILS SHALL BE THE RESPONSIBILITY OF THE
- CONTRACTOR. THE CONTRACTOR SHALL COORDINATE DETAILS WITH THE LOCAL POLICE DEPARTMENT 16. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL EXISTING UTILITIES IN
- WORKING ORDER AND FREE FROM DAMAGE DURING THE ENTIRE DURATION OF THE PROJECT. ALL COSTS RELATED TO THE REPAIR OF DAMAGED UTILITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. EXCAVATION REQUIRED WITHIN THE PROXIMITY OF EXISTING UTILITY LINES SHALL BE DONE BY HAND. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING UTILITY LINES OR STRUCTURES INCURRED DURING CONSTRUCTION AT NO ADDITIONAL COSTS TO
- 17. THE CONTRACTOR SHALL UTILIZE ALL PRECAUTIONS AND MEASURES NECESSARY TO ENSURE THE SAFETY OF THE PUBLIC, ALL PERSONNEL AND PROPERTY DURING CONSTRUCTION IN ACCORDANCE WITH OSHA STANDARDS, INCLUDING BARRICADES, SAFETY LIGHTING, CONES, POLICE DETAILS, AND/OR FLAGMEN AS
- 18. ALL TRENCHING WORK WITHIN A ROADWAY SHALL BE COORDINATED WITH THE PROPER LOCAL AND/OR STATE AGENCY. TRENCH SAFETY SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR DOING THE TRENCH WORK, INCLUDING
- ANY LOCAL AND/OR STATE PERMITS REQUIRED FOR THE TRENCHWORK. 19 ALL TRENCHWORK WITHIN EXISTING PAVEMENT SHALL BE SAWCUT PER THE APPLICABLE DETAILS. TRENCHWORK BACKFILL AND COMPACTION SHALL HAVE MAXIMUM 8" LIFTS. THE CONTRACTOR SHALL BE REQUIRED TO REMOVE THE PATCH AND REPAVE AFTER ONE COMPLETE 12-MONTH CYCLE IF SETTLEMENT
- OCCURS DUE TO INADEQUATE COMPACTION. 20. SITE LAYOUT SURVEY REQUIRED FOR CONSTRUCTION WILL BE PROVIDED BY THE CONTRACTOR AND SHALL BE CONDUCTED BY A MASSACHUSETTS REGISTERED. PROFESSIONAL LAND SURVEYOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING ALL CONTROL POINTS AND BENCHMARKS
- DURING CONSTRUCTION. 21. CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS REGARDING NOISE, VIBRATION, DUST,
- SEDIMENTATION CONTAINMENT, TRENCHWORK AND ROADWAY WORK. 22. SOLID WASTES SHALL BE COLLECTED AND STORED IN A SECURED DUMPSTER THE DUMPSTER SHALL MEET ALL LOCAL AND STATE SOLID WASTE MANAGEMENT
- 23. THE CONTRACTOR SHALL RESTORE ALL SURFACES EQUAL TO THEIR ORIGINAL CONDITION AFTER CONSTRUCTION IS COMPLETE. AREAS NOT DISTURBED BY CONSTRUCTION SHALL BE LEFT NATURAL. THE CONTRACTOR SHALL TAKE CARE TO PREVENT DAMAGE TO SHRUBS. TREES AND OTHER LANDSCAPING AND/OR NATURAL FEATURES
- 24. LEDGE OR BOULDER EXCAVATION IS ANTICIPATED FOR THIS SITE. THE CONTRACTOR SHALL PROVIDE A UNIT COST PER CUBIC YARD FOR LEDGE AND/OF BOULDER REMOVAL. LEDGE AND/OR BOULDERS LESS THAN ONE CUBIC YARD IN SIZE WILL NOT BE CONSIDERED PAYABLE ROCK.



EROSION AND SEDIMENT CONTROLS:

THE FOLLOWING EROSION AND SEDIMENT CONTROL TECHNIQUES AND PROCEDURES ARE TO BE EMPLOYED TO PROTECT THE ADJACENT WETLANDS AND NEIGHBORING PROPERTIES AND

- 1. PRIOR TO ANY SITE ACTIVITIES. SILT FENCE AND HAY BALES ARE TO BE PLACED WHERE SHOWN ON THESE PLANS. SILT FENCE/HAY BALE BARRIERS ARE TO TRAP SEDIMENT TRANSPORTED BY RUN-OFF BEFORE IT IMPACTS THE WETLANDS OR LEAVES THE CONSTRUCTION SITE. THESE SILT FENCES AND HAY BALES ARE TO BE INSPECTED PERIODICALLY AND REPAIRED / REPLACED AS NECESSARY DURING THE CONSTRUCTION PROJECT. INSPECTIONS OF THE EROSION CONTROLS ARE TO BE PERFORMED WEEKLY AND
- AFTER EVERY SIGNIFICANT PRECIPITATION EVENT JEXCEEDING 1 OF PRECIPITATION 2. THE EROSION CONTROLS ARE TO BE IN PLACE PRIOR TO ANY EXCAVATION OR CLEARING OF THE SITE. AREAS OUTSIDE THE EROSION CONTROLS ARE NOT TO BE DISTURBED DURING
- 3. SEDIMENT BUILDUP AT THE EROSION CONTROLS SHALL BE REMOVED ONE THE SEDIMENT VOLUME REACHES 1/2 THE HEIGHT OF THE HAY BALES.
- 4. DIVERT RUNOFF FROM OFFSITE AND UNDISTURBED AREAS AWAY FROM CONSTRUCTION TO MINIMIZE SOIL EROSION AND SEDIMENTATION ON AND OFF-SITE. TEMPORARILY STABILIZE ALL HIGHLY ERODIBLE SOILS AND SLOPES IMMEDIATELY
- 5. LAND DISTURBANCE ACTIVITIES EXCEEDING TWO ACRES IN SIZE SHALLL NOT BE DISTURBED WITHOUT A SECUENCING PLAN THAT REQUIRES STORMWATER CONTROLS TO BE INSTALLED. AND EXPOSED SOILS STABILIZED. AS DISTURBANCES BEYOND THE TWO ACRES CONTINUES. A CONSTRUCTION PHASING PLAN, INCLUDING EROSION CONTROL AND SEDIMENT CONTROL PLAN FOR EACH PHASE, SHALL BE SUBMITTED TO THE DEC PRIOR TO ANY CONSTRUCTION
- ON THE SITE. MASS CLEARINGS AND GRADING OF THE ENTIRE SITE SHOULD BE AVOIDED. 6. SOIL STOCKPILES MUST BE STABILIZED OR COVERED AT THE END OF EACH WORKDAY. STOCKPILE SIDE SLOPES SHALL NOT BE GREATER THAN 2:1. ALL STOCKPILES SHALL BE SURROUNDED BY SEDIMENT CONTROLS.
- 7. DISTURBED AREAS REMAINING IDLE FOR MORE THAN 14 DAYS SHALL BE TEMPORARILY OR PERMANENTLY STABILIZED
- 8. PERMANENT SEEDING SHALL BE UNDERTAKEN IN THE SPRING FROM MARCH THRU MAY, AND IN LATE SUMMER AND EARLY FALL FROM AUGUST TO OCTOBER 15. DURING THE PEAK SUMMER MONTHS AND IN THE FALL AFTER OCTOBER 15 AN APPROPRIATE TEMPORARY
- MULCH AND/OR NON-ASPHALTIC SOIL TACKIFIER WITH WINTER RYE SHALL BE APPLIED. 9 ALL SLOPES STEEPER THAN 3:1 AS WELL AS PERIMETER DIKES. SEDIMENT BASINS OR TRAPS, AND EMBANKMENTS MUST, UPON COMPLETION, BE IMMEDIATELY STABILIZED WITH SOD, SEED AND ANCHORED STRAW MULCH OR OTHER APPROVED STABILIZATION
- 10. TEMPORARY SEDIMENT TRAPPING DEVICES MUST NOT BE REMOVED I=UNTIL PERMANENT STABILIZATION IS ESTABLISHED IN ALL CONSTRUCTION AREAS ASSOCIATED WITH THE PROJECT, SIMILARLY, STABILIZATION MUST BE ESTABLISHED PRIOR TO CONVERTING TEMPORARY SEDIMENT TRAPS/BASINS INTO PERMANENT [POST-CONSTRUCTION] STORMWATER MANAGEMENT FACILITIES. ALL FACILITIES USED FOR TEMPORARY MEASURES SHALL BE CLEANED AND RE-STABLIZED PRIOR TO BEING PUT INTO FINAL OPERATION.
- 11. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED AFTER FINAL SITE STABILIZATION. DISTURBED SOIL AREAS RESULTING FROM THE REMOVAL OF TEMPORARY MEASURES SHALL BE PERMANENTLY STABILIZED WITHIN 30 DAYS OF REMOVAL 12. TO REDUCE THE TRACKING OF SEDIMENT ONTO PUBLIC WAYS, PROVIDE A CRUSHED STONE FILTER AT THE DRIVE ENTRANCE. ALL CONSTRUCTION VEHICLES ENTERING AND LEAVING
- THE SITE SHALL USE THE PROPOSED CONSTRUCTION ENTRANCE. 13. PROPER MEASURES SHALL BE IMPLEMENTED BY THE CONTRACTOR IF DEWATERING IS NECESSARY DURING CONSTRUCTION, THESE MEASURES SHALL INCLUDE DEWATERING BAGS, TEMPORARY HAYBALES, SILT FENCES, SILT SOCKS AND/OR OTHER APPROVED
- DEVICES. THE DEWATERING SETUP SHALL BE APPROVED BY THE ENGINEER PRIOR TO IMPLEMENTATION. 14. THE CONTRACTOR SHALL REGULARLY INSPECT THE PERIMETER OF THE PROPERTY TO CLEAN UP LOOSE CONSTRUCTION DEBRIS BEFORE IT LEAVES THE SITE. 15. THE CONTRACTOR IS RESPONSIBLE FOR THE INSPECTION AND MAINTENANCE DURING
- CONSTRUCTION OF ALL STORMWATER FACILITIES INSTALLED OR AFFECTED BY THE PROJECT. ANY SEDIMENT OR DEBRIS COLLECTED WITHIN THESE FACILITIES FROM THE PROJECT WORK SHALL BE REMOVED PRIOR TO THE OWNER'S ACCEPTANCE. 16. STREET SWEEPING SHALL BE PERFORMED ON ADJACENT ROADS AND STREETS AS

CONSTRUCTION SEQUENCING:

NECESSARY DURING THE PROJECT DURATION.

THE FOLLOWING EROSION CONTROL PRINCIPLES SHALL APPLY TO THE LAND GRADING AND CONSTRUCTION PHASES:

- 1. STRIPPING OF VEGETATION, GRADING, OR OTHER SOIL DISTURBANCE SHALL BE DONE IN A MANNER TO MINIMIZE SOIL EROSION
- 2. WHENEVER FEASIBLE, NATURAL VEGETATION SHALL BE RETAINED AND PROTECTED. 3. THE EXTENT OF THE AREA AND DURATION OF PERIOD WHICH THE AREA IS EXPOSED AND
- FREE OF VEGETATION SHALL BE KEPT WITHIN PRACTICAL LIMITS. 4. TEMPORARY SEEDING, MULCHING, OR OTHER SUITABLE STABILIZATION MEASURES SHALL BE USED TO PROTECT EXPOSED CRITICAL AREAS DURING PROLONGED CONSTRUCTION OR
- OTHER LAND DISTURBANCE 5. ALL SEDIMENT SHALL BE CONTAINED ONSITE AND REMOVED AS NECESSARY. CUT AND FILL SLOPES AND STOCKPILED MATERIALS SHALL BE PROTECTED USING SILT FENCE AND FILTER LOGS TO PREVENT FROSION SLOPES ESPECIALLY DOWNGRADIENT OF PAVED AREAS SHALL BE STABILIZED AS SOON AS POSSIBLE AND PROTECTED WITH PERMANENT EROSION PROTECTION WHEN EROSION EXPOSURE PERIOD IS EXPECTED TO BE GREATER THAN OR EQUAL TO THREE MONTHS, AND TEMPORARY EROSION PROTECTION HAS BEEN INCORPORATED PRIOR TO CONSTRUCTION.
- 6. PERMANENT EROSION PROTECTION SHALL BE ACCOMPLISHED BY SEEDING WITH GRASS OR OTHER MIXTURES AS SHOWN ON THESE PLANS.
- TEMPORARY EROSION PROTECTION SHALL BE ACCOMPLISHED BY COVERI PROTECTION MATERIALS AS REQUIRED BY THE ORDER OF CONDITIONS.
- 8. EXCEPT WHERE SPECIFIED SLOPE IS INDICATE ON THESE PLANS, FILL SLOPES SHALL BE LIMITED TO A GRADE OF 2:1 [HORIZONTAL TO VERTICAL], CUT SLOPES AT 1.5:1 SHOULD BE NETTED WITH BIODEGRADABLE JUTE MESH OR EQUAL.

GRADING NOTES:

COMPACTION REQUIREMENTS:

MINIMUM COMPACTION LOCATION

> BELOW PAVED OR CONCRETE AREAS TRENCH BEDDING MATERIALS BELOW LOAM AND SEED AREAS

- 1. ALL PERCENTAGES OF COMPACTION TESTING SHALL BE OF THE MAXIMUM DRY DENSITY AT THE OPTIMUM MOISTURE CONTENT AS DETERMINED AND CONTROLLED IN ACCORDANCE WITH ASTM D-1557, METHOD C. FIELD DENSITY TESTS MUST BE MADE IN ACCORDANCE WITH ASTM D-1556 OR ASTM-2922.
- 2. THE CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS AND SPECIFICATIONS FOR EARTHWORK AND COMPACTION REQUIREMENTS FOR ALL SLABS AND BUILDING FOUNDATIONS.
- 3. SPRINKLER OR USE A WATER TRUCK AS NECESSARY TO APPLY WATER DURING GRADING OPERATIONS IN ORDER TO MINIMIZE SEDIMENT TRANSPORT AND MAINTAIN ACCEPTABLE AIR QUALITY CONDITIONS. REPETITIVE TREATMENTS SHALL BE DONE AS NEEDED UNTIL THE GRADES ARE PAVED OR SEEDED.
- 4. ONCE THE PERIMETER EROSION CONTROL MEASURES HAVE BEEN IMPLEMENTED, CUTTING AND EARTH PREPARATION SHALL COMMENCE FOR THE PROPOSED CONSTRUCTION ENTRANCE.
- 5. DIVERSION BERMS AND SEDIMENT TRAPS SHALL BE CONSTRUCTED, AS NEEDED, TO CAPTURE SILT LADEN RUNOFF FROM THE SITE.
- 6. SITE CLEARING AND GRUBBING CAN PROCEED UP TO THE LIMIT OF WORK. NO ALTERATIONS SHALL TAKE PLACE OUTSIDE THE LIMIT OF WORK FOR THE PROJECT WITHOUT PRIOR AUTHORIZATION FROM THE CIVIL ENGINEER OF RECORD AND THE
- 7. PROCEED WITH ROUGH GRADING OF SUB-SOILS IN PREPARATION FOR GRAVEL BASE COURSES.
- 8. ALL EARTHWORK AND SITE PREPARATION SHALL BE DONE IN STRICT ACCORDANCE WITH THE RECOMMENDATIONS OF ANY SUBSURFACE INVESTIGATION OR GEOTECHNICAL REPORTS PREPARED FOR THIS SITE.
- 9. 2" BINDER COURSE AND 1½" FINISH COURSE OF BITUMINOUS PAVEMENT TO BE INSTALLED ON SITE ON ALL PARKING AREAS. GRAVEL BASE CROSS-SECTION TO BE PREPARED AND INSPECTED BY THE CIVIL ENGINEER OF RECORD PRIOR TO PAVEMENT INSTALLATION
- 10. THE CONTRACTOR SHALL ADJUST AND/OR CUT EXISTING PAVEMENT AS NECESSARY TO ENSURE A SMOOTH FIT AND CONTINUOUS GRADE.
- 11. ALL AREAS DISTURBED DURING CONSTRUCTION SHALL RECIEVE A MINIMUM OF 6" OF LOAM AND SEEDED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING ANY LOAMED AND SEEDED AREAS UNTIL LAWN GROWTH IS ESTABLISHED AND APPROVED BY THE ENGINEER / OWNER.
- 12. CONTRACTOR TO PROVIDE A FINISH PAVEMENT SURFACE AND LAWN AREAS FREE OF LOW SPOTS AND PONDING AREAS. THE CONTRACTOR SHALL ASSURE POSITIVE DRAINAGE AWAY FROM ANY BUILDINGS FOR ALL NATURAL AND PAVED AREAS.

DRAINAGE AND UTILITIES NOTES:

THE OWNER.

OF COVER

FNGINFFR

ENGINEER OF RECORD

BUILDING DRAWINGS

APPROVAL PRIOR TO INSTALLATION.

LAND SURVEYOR OR PROFESSIONAL ENGINEER.

STANDARDS AND REQUIREMENTS

FOR NATURAL GAS SERVICES.

PIPING PRIOR TO BACKFILLING

ALL WATER/SANITARY SEWER CROSSINGS.

1. ALL UNDERGROUND STRUCTURES, INCLUDING MANHOLES, CATCH BASINS, AREA DRAINS. THE PUMP STATION AND GREASE TRAP, SHALL BE DESIGNED TO WITHSTAND H-20 LOADING

N-12 OR APPROVED EQUAL] OR RCP CLASS IV CAPABLE OF WITHSTANDING H-20

LOADING. MINIMUM CLEARANCE BETWEEN PROPOSED DRAINAGE PIPING AND

HORIZONTALLY THE MINIMUM COVER OF THE HDPF PIPE IS 1'-0" FOR H-20 LOADS

RULES AND REGULATIONS. IN CASES WHERE THE DRAWINGS DIFFER FROM THESE

THIS COVER IS MEASURED FROM THE PIPE OD TO THE TOP OF RIGID PAVEMENT

THE MAINTENANCE OF ALL DRAINAGE STRUCTURES IS THE RESPONSIBILITY OF

INSPECTED CONSISTENT WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY.

MANHOLES, BASINS, ETC] OF SEDIMENT AND DEBRIS PRIOR TO THE ENGINEER'S

LOCATIONS MUST BE COORDINATED WITH THE APPROPRIATE UTILITY COMPANY.

6. THE CONTRACTOR SHALL INSPECT AND RESTORE / CLEAN ALL FACILITIES [INLETS,

7. PROPOSED GAS, ELECTRIC, WATER, TELEPHONE AND TELEVISION SERVICE

ALL CONSTRUCTION DETAILS TO BE CONSISTENT WITH UTILITY COMPANY

8. CONTRACTOR TO PROVIDE EXCAVATION, BEDDING, BACKFILL AND COMPACTION

10. ALL WATER MAIN INSTALLATIONS SHALL BE CLASS 52, CEMENT LINED DUCTILE

CHLORINATED AFTER CONSTRUCTION PRIOR TO ACTIVATING THE SYSTEM.

11. HYDRANTS, GATE VALVES, FITTINGS, ETC. SHALL MEET THE REQUIREMENTS OF

AND ITS APPURTENANCE WORK IN ACCORDANCE WITH THE LOCAL WATER

FEES AS REQUIRED BY THE WATER DEPARTMENT. THE CONTRACTOR SHALL

12. ALL SEWER PIPE SHALL BE PVC SDR 35 UNLESS OTHERWISE STATED. COORDINATE

13 ALL SEWER PIPE WITH LESS THAN 5' OF COVER UNDER PAVEMENT AND LESS THAN

4' OF COVER UNDER LOAMED AREAS SHALL BE INSULATED. INSULATION SHALL BE

2" THICK POLYURETHANE INSULATION WITH PVC JACKET PLACED AROUND PIPE.

MINIMUM OUTSIDE TO OUTSIDE VERTICAL SEPARATION SHALL BE PROVIDED AT

15. THE RELOCATION OF THE WATER AND SEWER SERVICES ALONG THE EAST END OF

PROPERTIES. THE NEW SEWER CONNECTIONS WILL REQUIRE A BYPASS PUMP

16. MECHANICAL AND FIRE PROTECTION ENGINEERS TO VERIFY DESIGN AND SIZES OF

LIMITED TO: CONDUIT CONSTRUCTION, MANHOLE CONSTRUCTION, UTILITY POLE

PROPOSED SITE LIGHTING SHALL BE PROVIDED BY THE PROJECT ELECTRICAL

17. CONTRACTOR SHALL COORDINATE ALL ELECTRICAL WORK INCLUDING BUT NOT

CONSTRUCTION, OVERHEAD WIRE RELOCATION, AND TRANSFORMER

19. WHERE MANUFACTURERS ARE SPECIFIED ON THESE DRAWINGS, APPROVED

EQUALS MAY BE SUBSTITUTED UPON WRITTEN APPROVAL FROM THE CIVIL

20. IF AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, OR

21. THE CONTRACTOR SHALL COORDINATE THE EXACT LOCATION OF NEW UTILITY

FOR MATERIALS, STRUCTURES, EQUIPMENT, RETAINING WALLS, ETC. FOR

THE OWNER AND CIVIL ENGINEER OF RECORD UPON COMPLETION OF THE

23. THE CONTRACTOR IS TO SUBMIT AS-BUILT PLANS IN ELECTRONIC CAD FORMAT TO

22. THE CONTRACTOR IS RESPONSIBLE TO SUBMIT TESTING REPORTS. SHOP

EXISTING CONDITIONS DIFFER FROM THOSE SHOWN SUCH THAT THE WORK

CANNOT BE COMPLETED AS INTENDED. THE LOCATION, ELEVATION, AND SIZE OF

THE UTILITY OR OTHER CONFLICT SHALL BE ACCURATELY DETERMINED BY THE

CONTRACTOR WITHOUT DELAY, AND THE INFORMATION FURNISHED IN WRITING TO

SERVICES, LOCATIONS AND ELEVATIONS WITH THE UTILITY COMPANIES AND THE

DRAWINGS AND PRODUCT SPECIFICATIONS TO THE CIVIL ENGINEER OF RECORD

PROJECT. THE AS-BUILTS SHALL BE PREPARED AND CERTIFIED BY A MA LICENSED

18. SITE LIGHTING SPECIFICATIONS, CONDUIT LAYOUT AND CIRCUITRY FOR

DEVENS UTILITIES DEPARTMENT TO MINIMIZE POTENTIAL IMPACTS ON ADJACENT

THE PROPOSED ADDITION WILL REQUIRE CLOSE COORDINATION WITH THE

PROVIDED BETWEEN ANY WATER AND SANITARY SEWER LINES. AN 18" INCH

TESTING OF SEWER CONSTRUCTION WITH THE LOCAL AUTHORITY.

14. A 10 FOOT MINIMUM EDGE TO EDGE HORIZONTAL SEPARATION SHALL BE

STATION TO ENSURE SERVICE TO THE OTHER PROPERTIES.

CIVIL ENGINEER OF RECORD TO RESOLVE THE CONFLICT.

PROPOSED WATER AND SEWER SERVICES TO SITE

CONSTRUCTION WITH THE POWER COMPANY.

9. ALL WATER MAINS AND WATER SERVICES SHALL HAVE A MINIMUM OF FIVE [5] FEET

IRON PIPE. ALL WATER MAIN INSTALLATIONS SHALL BE PRESSURE TESTED AND

THE LOCAL AUTHORITY. THE CONTRACTOR SHALL CONSTRUCT THE WATER MAIN

DEPARTMENT'S STANDARDS AND SPECIFICATIONS AND PAY FOR ALL ASSOCIATED.

CONTACT THE WATER DEPARTMENT TO ENSURE PROPER INSPECTIONS OF WATER

4. ALL CONSTRUCTION AND TESTING METHODS SHALL COMPLY WITH THE LOCAL

REGULATIONS. THE MOST RESTRICTIVE REQUIREMENT SHALL APPLY.

ALL DRAINAGE STRUCTURES AND DETAILS TO BE BE CONSTRUCTED AND

OTHER UTILITIES/STRUCTURES SHALL BE 18 INCHES VERTICALLY AND 4 FEET

2. ALL STORM DRAINAGE PIPING TO BE HIGH DENSITY POLYETHYLENE [HDPE, ADS

BENEATH THE BASIN FLOOR AND ALONG THE SIDE SLOPES. 2. INITIAL BASIN EXCAVATION SHOULD BE CARRIED TO WITHIN 2 FEET OF THE FINAL FLEVATION OF THE BASIN FLOOR

INFILTRATION BASIN/SWALE NOTES

3. FINAL EXCAVATION TO THE FINISH GRADE AND CONSTRUCTION OF THE FOREBAY STONE FILTER SHALL NOT BE COMPLETED UNTIL ALL DISTURBED ARES WITHIN THE WATERSHED HAVE BEEN STABILIZED. BECAUSE SOME COMPACTION OF THE SOIL IS INEVITABLE DURING CONSTRUCTION, THE BASIN FLOOR SOILS SHALL BE

1. THE CONTRACTOR SHALL USE LIGHT EARTH MOVING EQUIPMENT TO EXCAVATE

THE BASIN TO MINIMIZE COMPACTION AND INFILTRATION CAPACITY OF THE SOILS

4. IMMEDIATELY AFTER THE BASIN CONSTRUCTION IS COMPLETED. STABILIZE THE BASIN FLOOR, SIDE SLOPES, AND ALL REMAINING DISTURBED AREAS AROUND THE BASIN WITH DENSE TURF BY SEEDING.

DEEPLY TILLED TO A DEPTH OF 12" AFTER FINAL GRADING IS COMPLETED.

- 5. THE CONTRACTOR IS NOT TO DIRECT ANY RUNOFF INTO THE BASIN UNTIL THE BASIN BOTTOM AND SIDE SLOPES ARE FULLY STABILIZED.
- 6. THE CONTRACTOR IS RESPONSIBLE TO REMOVE ANY SEDIMENT WHICH ENTERS INTO THE BASIN DURING THE CONSTRUCTION PHASE.
- 7. BASIN SIDE SLOPES AND SEEDED AREAS NEAR THE BUILDING TO BE A MAXIMUM OF 3:1. BASIN FLOOR AND SIDE SLOPES TO BE SEEDED WITH NEW ENGLAND WETLAND SEED MIX OR APPROVED EQUAL
- 8. THE LOAM MATERIAL SHALL CONSIST OF 60 70 % WASHED SCREENED SAND, 20 -30 % TOPSOIL, AND 10 - 20 % ORGANIC MATTER. THE LOAM MATERIAL SHALL BE MIXED TO A UNIFORM CONSISTENCY.
- 9. THE TOPSOIL SHALL BE NATURAL, FERTILE, FRIABLE, LOAM OR SANDY LOAM TYPICAL OF CULTIVATED TOPSOIL. THE TOPSOIL SHALL BE FREE OF SUB-SOIL LARGE STONES. EARTH CLODS. STICKS. STUMPS. CLAY LUMPS. ROOTS. OR OTHER OBJECTIONABLE MATTER. TOPSOIL SHALL ALSO BE FREE OF NOXIOUS WEEDS, AND SHALL HAD A PH FACTOR BETWEEN 6.0 AND 7.0.

LANDSCAPING NOTES:

- 1. REFER TO CIVIL PLANS FOR HARDSCAPE LAYOUT AND MATERIALS, UTILITIES,
- GRADING, EROSION CONTROLS, AND DRAINAGE. 2. ALL DISTURBED AREAS SHALL RECEIVE LOAM AND SEED USING SEED MIX FOR
- GENERAL LAWN AREAS FOR AREAS CLOSE TO BUILDINGS PARKING AND DRIVE 3. ALL EXISTING TREES WITHIN THE LIMIT OF DISTURBANCE SHALL BE REMOVED
- FOR DEVELOPMENT. TREES OUTSIDE OF THE LIMIT OF DISTURBANCE SHALL BE
- 4. THE CONTRACTOR SHALL GRADE ALL AREAS OF THE SITE AS NEEDED TO CREATE SMOOTH TRANSITIONS TO EXISTING AREAS OF THE SITE AS NEEDED TO CREATE SMOOTH TRANSITIONS TO EXISTING GRADES AND DIRECT WATER AWAY FROM STRUCTURES.
- 5. ALL EXISTING UNDISTURBED LAWN AREAS SHALL BE OVER-SEEDED TO LIMIT
- OF DISTURBANCE (LOD) UNLESS OTHERWISE NOTED ON THE PLANS. 6. ALL PLANTING AREAS TO BE COVERED WITH A 6" MINIMUM DEPTH OF TOPSOIL.
- 7. ALL NEW PLANTS SHALL BE HEALTHY, VIGOROUS AND WITHOUT BROKEN
- BRANCHES IN ACCORDANCE WITH ASNS 8. DISTURBED AREAS OF GROUND AROUND THE DETENTION BASIN SHALL BE
- HYDROSEEDED WITH A SHADE TOLERANT GRASS SEED.
- 9. INDIVIDUAL TREES SHALL RECEIVE A FIVE FOOT DIAMETER MULCH BED AROUND EACH TREE AS SHOWN. BEDLINES FOR GROUPS OF PLANTINGS

YEAR FROM ACCEPTANCE OF FINAL PLANTING

- WITHIN A MULCH BED ARE AS INDICATED ON THE PLAN. 10. THE CONTRACTOR SHALL GUARANTEE ALL PLANTS AND LAWN AREAS FOR ONE
- ALL AREAS DISTURBED DURING CONSTRUCTION TO RECIEVE A MINIMUM OF 6" OF LOAM

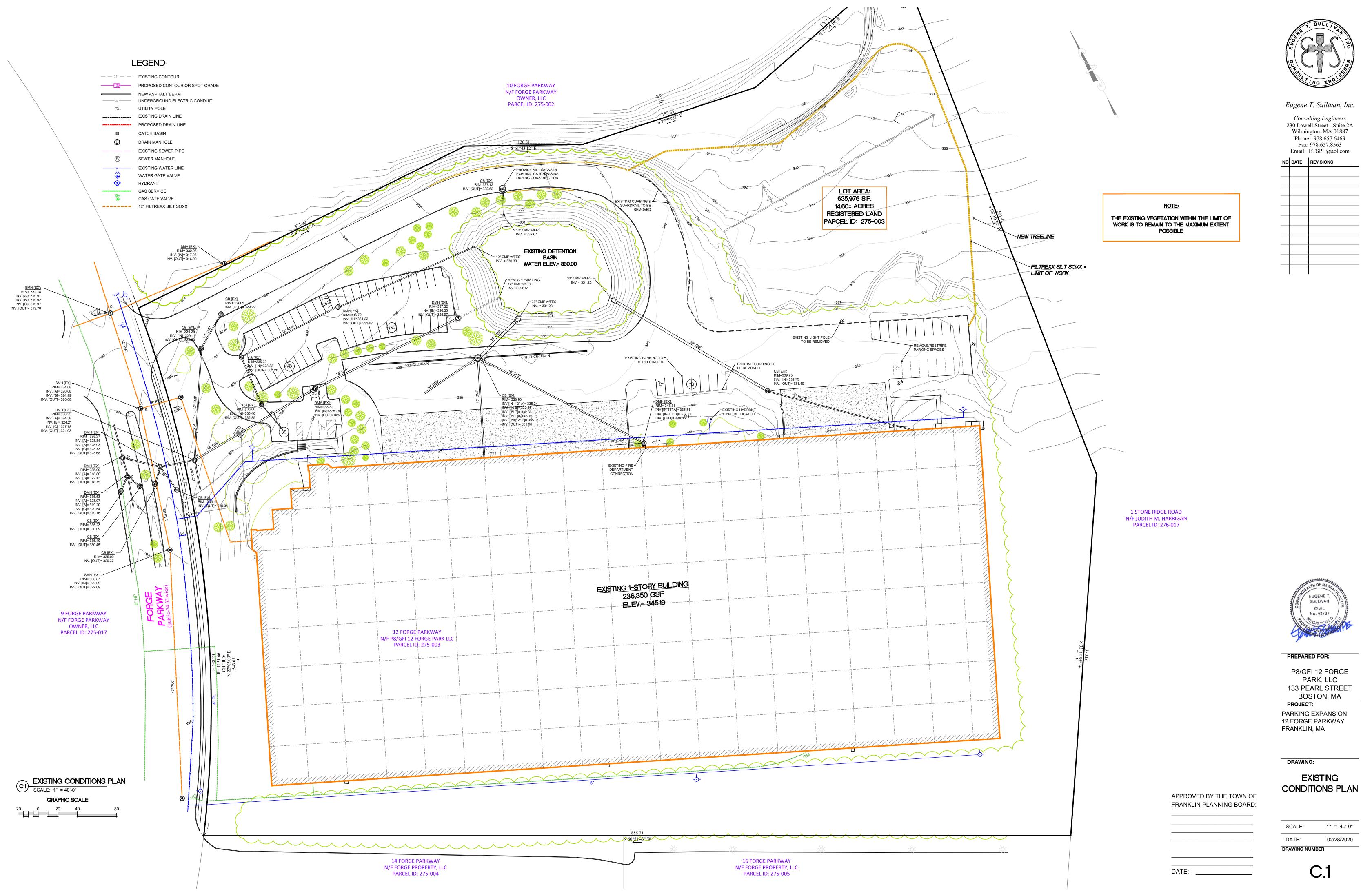
FREE OF MATERIALS TOXIC TO HEALTHY PLANT GROWTH.LOAM SHALL BE FREE OF STUMPS, ROOTS, STONES AND FREE OF OTHER EXTRANEOUS MATTER ONE INCH [1"] OR GREATER IN DIAMETER. ALL MIX TO BE AS PROVIDED BY ALLEN SEED OR APPROVED EQUIVALENT AT 5-7 LBS

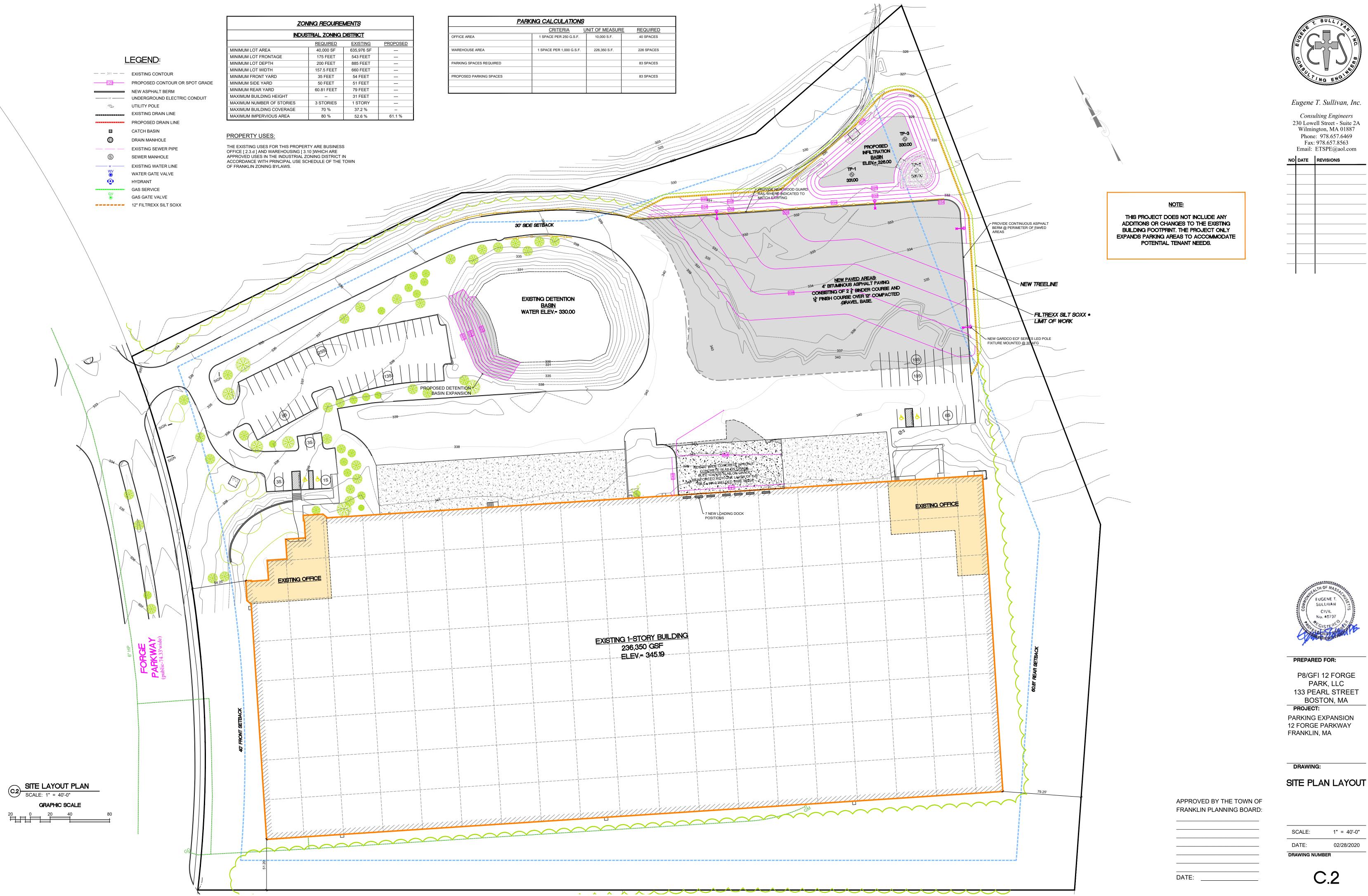
AND SEEDED. LOAM SHALL BE A FERTILE, FRIABLE, MEDIUM TEXTURED SANDY LOAM

- PER ACRE IN ALL DISTURBED AREAS AS SHOWN ON THE PLANS: [ALL AREAS WITHIN 10 FEET OF PARKING AND DRIVEWAYS AND 30 FEET OF THE BUILDING]
- 25% IMPROVED PERENNIAL RYE 25% IMPROVED ANNUAL RYE
- 25% CREEPING RED FESCUE
- 16.5% TURF TYPE TALL FESCUE 5% KENTUCKY BLUE GRASS #
- 1% RED TOP .5% COLONIAL BENTGRASS
- ALL INFILTRATION/DETENTION BASINS TO BE SEED MIX "A": NEW ENGLAND CONSEVATION/WILDLIFE MIX- 25 LBS PER ACRE NURSE GRASS AND PERENNIAL RYE 5
- Elymus virginicus

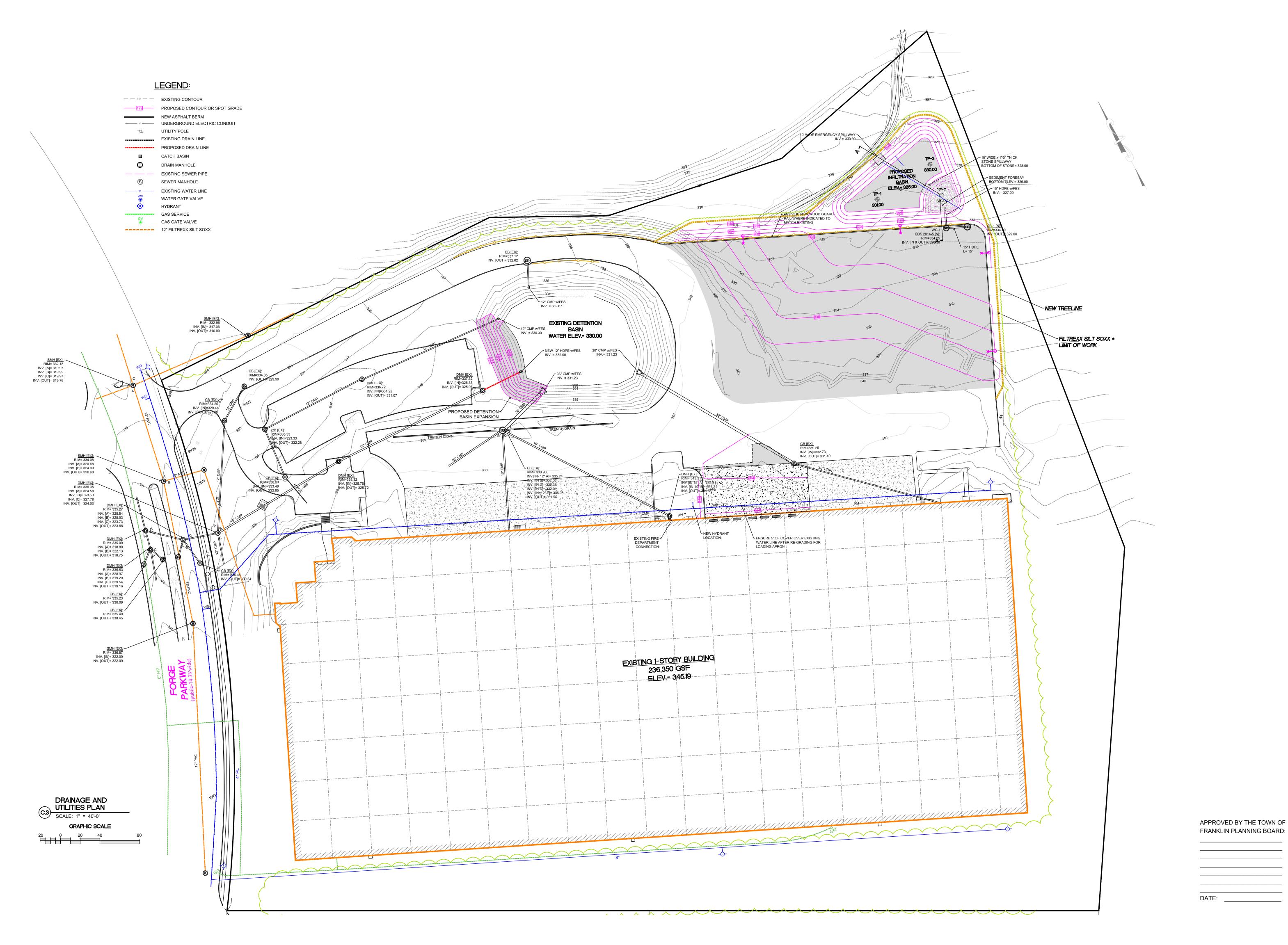
LBS PER ACRE.

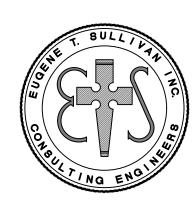
- Andrapagon gerard Festuca rubra Panicum virgatum
- Chamaecrista fesciculatata Panicum clandestinum
- Sorghastrum nutans Heliopsis helianthoides
- Ascleplas syriaca Eupatorium masculatur Euthamia graminifolia
- Verbena hestata
- Astar novae-angliea Soildago juncea
- ALL AREAS OUTSIDE OF 10 FEET OF PARKING AND DRIVEWAYS AND 30 FEET FROM THE BUILDING SHALL RECEIVE SEED MIX "B": NEW ENGLAND NATIVE WARM SEASON GRASS MIX-23 LBS PER ACRE NURSE GRASS- AND ANNUAL RYE 5 LBS PER ACRE
- Elymus Virginicus Schizachyrium scoparium Andrapagon gerardil
- Sorghastrum nutans
- Panicum virgatum Festuca rubra





NO	DATE	REVISIONS	
		_	





Eugene T. Sullivan, Inc.

Consulting Engineers 230 Lowell Street - Suite 2A Wilmington, MA 01887 Phone: 978.657.6469 Fax: 978.657.8563

	Email:	ETSPE@aol.com
NO	DATE	REVISIONS
	I	



PREPARED FOR:

P8/GFI 12 FORGE PARK, LLC 133 PEARL STREET BOSTON, MA PROJECT:

PARKING EXPANSION 12 FORGE PARKWAY FRANKLIN, MA

DRAWING:

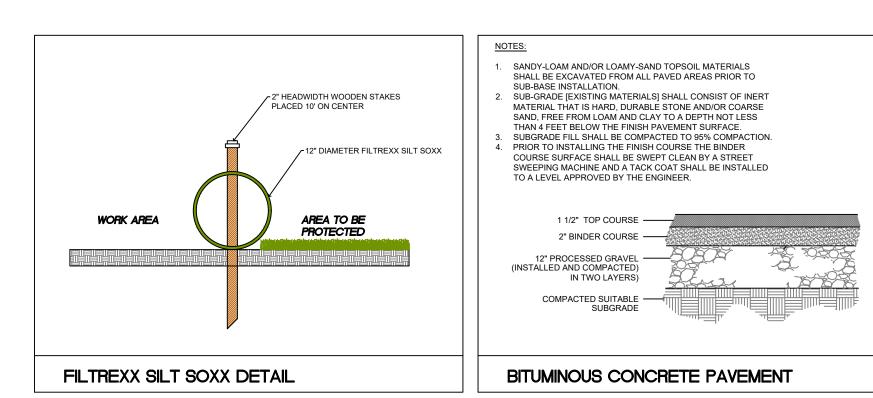
DRAINAGE AND UTILITIES PLAN

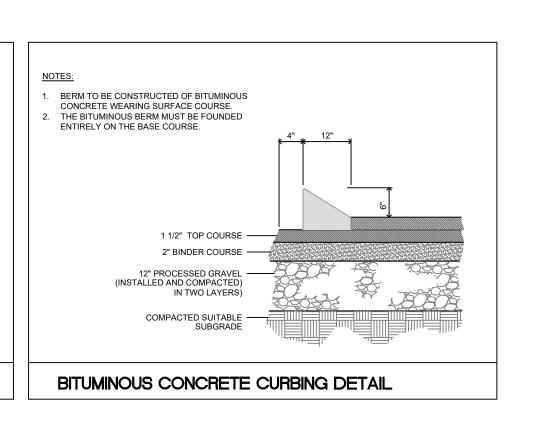
1" = 40'-0"

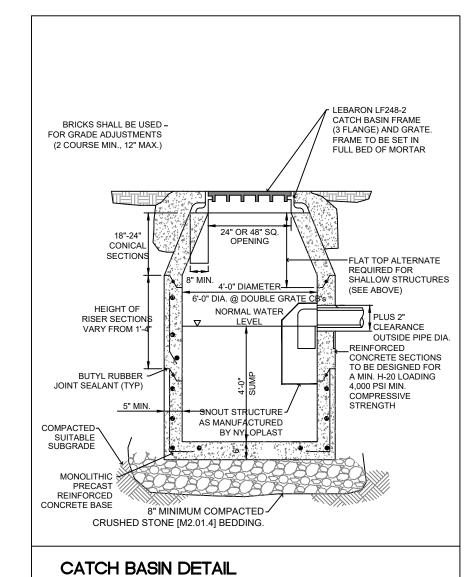
02/28/2020

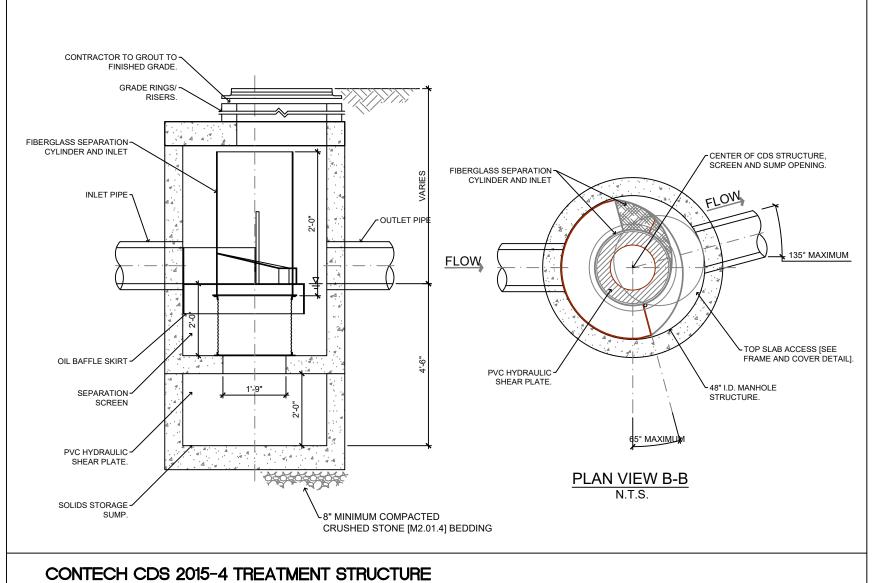
SCALE:

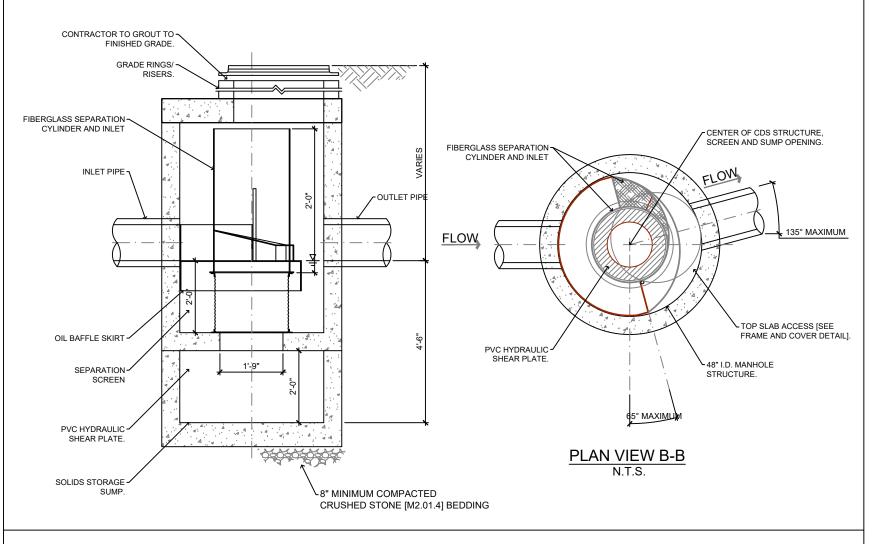
C.3

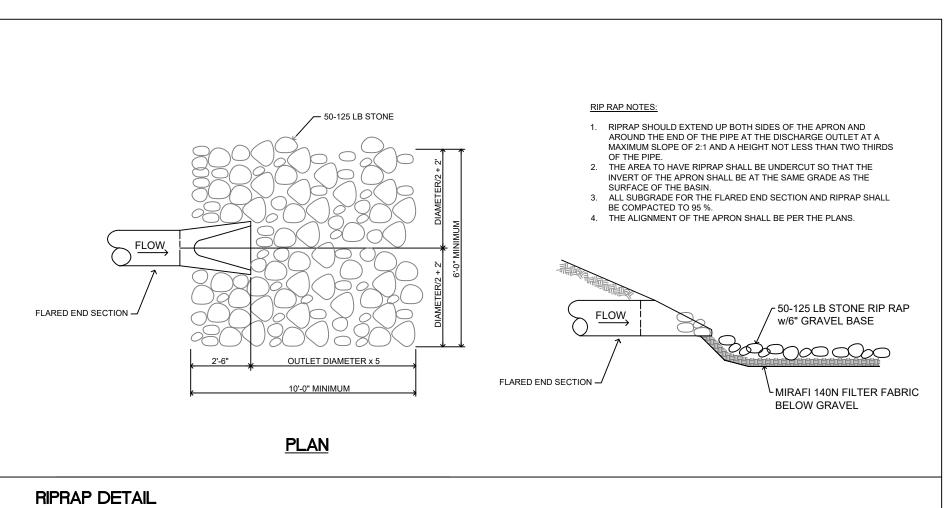


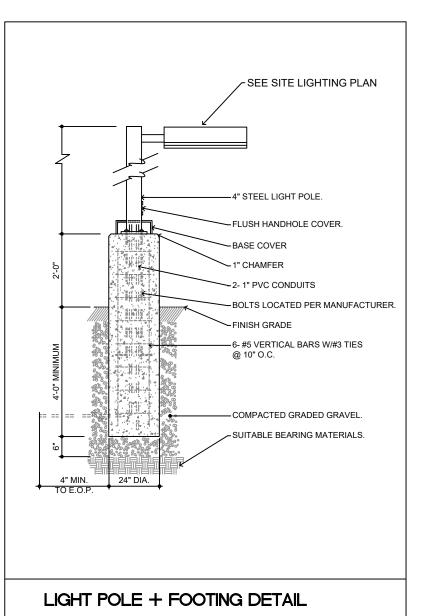


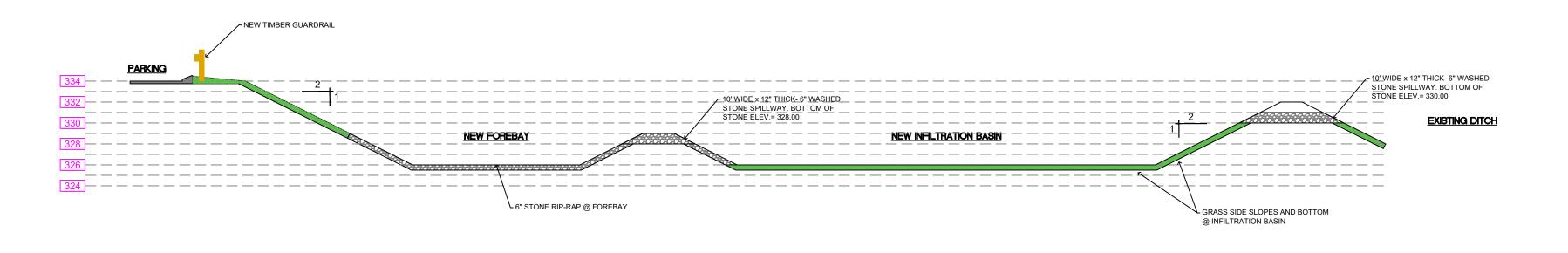


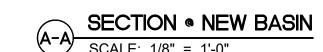














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Email: ETSPE@aol.com

NO DATE REVISIONS

PREPARED FOR:

P8/GFI 12 FORGE PARK, LLC 133 PEARL STREET BOSTON, MA PROJECT:

PARKING EXPANSION 12 FORGE PARKWAY FRANKLIN, MA

DRAWING:

CONSTRUCTION **DETAILS**

SCALE: AS NOTED 02/28/2020

APPROVED BY THE TOWN OF

FRANKLIN PLANNING BOARD:



March 25, 2020

Mr. Anthony Padula, Chairman 355 East Central Street Franklin, MA 02038

Re: 12 Forge Parkway Site Plan Peer Review

Dear Mr. Padula:

BETA Group, Inc. is pleased to provide engineering peer review services for the proposed Site Plan Approval application, "Proposed Parking Expansion 12 Forge Parkway" in Franklin, Massachusetts. This letter is provided to outline findings, comments, and recommendations.

BASIS OF REVIEW

The following documents were received by BETA and form the basis of the review:

- Application for Approval of a Site Plan including the following:
 - Cover letter
 - o Form P Site Plan Application Form
 - Certificate of Ownership
 - Plans (5 Sheets) entitled *Proposed Parking Expansion 12 Forge Parkway,* dated February 28, 2020, prepared by Eugene T. Sullivan, Inc., Wilmington, MA
 - Stormwater Drainage Management Report, dated February 28, 2020, prepared by Eugene T. Sullivan, Inc.

Review by BETA included the above items along with the following, as applicable:

- Site Visit
- Zoning Chapter 185 From the Code of the Town of Franklin, current through October 2019
- Zoning Map of the Town of Franklin, Massachusetts, attested to April 30, 2019
- Stormwater Management Chapter 153 From the Code of the Town of Franklin, Adopted May 2, 2007
- Subdivision Regulations Chapter 300 From the Code of the Town of Franklin, current through January 1, 2016
- Wetlands Protection Chapter 181 From the Code of the Town of Franklin, dated August 20, 1997
- Town of Franklin Best Development Practices Guidebook, dated September 2016

INTRODUCTION

The project site is a 14.6 +/- acre parcel located at 12 Forge Parkway in the Town of Franklin (the "Site"). The Town of Franklin Assessor's office identifies the parcel as Lot 275-003. The Site is located within the Industrial zoning district but is not located within any overlay district or the Water Resources District.

Mr. Anthony Padula, Chairman March 25, 2020 Page 2 of 8

Parcels to the south, north, and west are also located in the Industrial district. Parcels to the east are within the General Residential VI district and Senior Village Overlay district.

The project is not located in proximity to a DEP mapped Wetland resource area, an estimated habitat of rare or endangered species, or a critical area. The Site is also not located within a regulatory FEMA-Mapped 100-year flood zone. NRCS soil maps indicate the presence of Woodbridge Fine Sandy Loam with a Hydrologic Soil Group (HSG) rating of C/D (low to very low infiltration potential) and Ridgebury fine sandy loam, rated in HSG D (very low infiltration potential).

Plans indicate the existing lot is currently developed with a 236,350± sq. ft. building, driveway, parking/loading areas, and a stormwater detention basin. The remainder of the site consists of woods and lawn areas.

The project proposes to construct 54,400± sq. ft. of new impervious surfaces (concrete pad and bituminous parking area) with associated bituminous curbing, four light poles, and timber guardrail. The project proposes to direct most runoff from new parking areas to a proposed treatment train consisting of a deep sump catch basin with hood, proprietary stormwater unit (Contech), and an infiltration basin. A portion of the new pavement area will be directed to the existing drainage system.

FINDINGS, COMMENTS AND RECOMMENDATIONS

GENERAL COMMENTS

- G1. Revise existing conditions plan to remove proposed features such as erosion control barrier and restriped parking spaces.
- G2. Provide details for the proposed concrete pad, timber guardrail, and typical drainage pipe installation.
- G3. Resolve proposed pavement depth discrepancy between Site Plan Layout plan and Details.
- G4. Clarify if any pavement rehabilitation is proposed for the existing parking areas.

ZONING

The site is located within the Industrial District. The project does not propose any new uses and the existing uses of office (clerical or administrative) and warehouse are permitted by right within the district.

SCHEDULE OF LOT, AREA, FRONTAGE, YARD AND HEIGHT REQUIREMENTS (§185 ATTACHMENT 9)

The project does not propose any new structures or lot changes and it is assumed that the existing site was previously approved for area, frontage, depth, width, minimum yard dimensions, building height and impervious coverage. The project will result in an increase of approximately 54,400 sq. ft. of impervious surface. The post-development pavement plus structures coverage will remain in compliance with requirements of the zoning bylaw.

SCH1. Revise required front and side yard setbacks in Zoning Requirements Table to match §185 Attachment 9.



PARKING, LOADING AND DRIVEWAY REQUIREMENTS (§185-21)

Access to the Site will continue to be provided through an existing 24'± wide paved driveway from Forge Parkway. The project proposes to relocate and reconfigure a limited number of parking spaces and to restripe existing parking spaces. Relocated parking spaces are 9' wide by 19' long. Four parking spaces have been designed as accessible, as required by the Massachusetts Architectural Board, with associated striping. Three of the accessible spaces are also van accessible.

Section §185-21.B.(2) describes the number of parking spaces required for uses in the Industrial District. For warehouses 1 space must be provided per every 1,000 sq. ft. of area and for other offices, one space must be provided per every 250 sq. ft. of area. Based upon the calculations provided on the plans, a total of 266 spaces are required where 83 are proposed.

- P1. Provide typical dimensions for the proposed parking spaces.
- P2. Provide striping separating the 10 proposed parking spaces in the new pavement area from the 10 spaces in the existing pavement area. The plans appear to show 10 oversized parking spaces.
- P3. Revise parking number labels to match the number of existing/proposed spaces.
- P4. Confirm the total number of existing parking spaces. Based on the plans, it appears there are 82 existing spaces.
- P5. Revise the parking schedule to indicate the total number of spaces required per the calculations.
- P6. Clarify if any interior modifications or uses will affect the number of parking spaces used at the site. At the time of BETA's site walk, a portion of the building appears vacant.
- P7. Revise the parking aisle width at the northeast corner of the building to 24 feet (§185-21.C.(8)).
- P8. The project proposes to relocate an accessible space at the northwest corner of the building, which will result in a longer accessible route to the building than necessary. The two accessible spaces should be shifted to the east to minimize the accessible route path in accordance with MAAB regulations. Notwithstanding any site-specific need for a van accessible space at this location, the van accessible spaces proposed at the northeast corner of the building fulfill the number required by MAAB.
- P9. Based on existing survey information (slope >5%), additional handrails or regrading will be required along a portion of the accessible ramp at the northeast corner of the building.
- P10. Clarify how the new impervious area will be used. If the new impervious area may be used for future employee parking the designer should indicate the total number of new spaces that can be provided and a sketch provided. The addition of parking spaces may also require additional plantings in accordance with §185-21.C.(5).

SIDEWALKS (§185-28)

The project is located within the Industrial Zoning District and is not required to provide sidewalks along the street frontage. BETA notes there are already existing bituminous sidewalks along the frontage, however.



CURBING (§185-29)

The project proposes the use of asphalt curb adjacent to new impervious areas. BETA notes the existing site has a mixture of vertical granite curb (site entrance only), cape cod berm, bituminous curb, or pavement edges with no treatment.

C1. The Bylaw does not include any provisions for the installation of bituminous curb. At the discretion of the Board revise bituminous curb to be vertical granite or reinforced concrete curbing adjacent to parking areas.

SITE PLAN REVIEW (§185-31)

The proposed development is subject to Site Plan Review and must comply with the requirements of this section.

- S1. Clarify if subject parcel has an existing Site Plan on record. If no plan is on record the applicant should update the plans to include all information required per (§185-31.C.(3)), including topography for the entire site (§185-31.C.(3)(f)), location of existing water and sewer (§185-31.C.(3)(m)), and sight line information at entrance/exit (§185-31.C.(3)(t)).
- S2. Revise the locus map to indicate abutting land uses and zoning information(§185-31.C.(3)(d)).
- S3. Indicate proposed snow storage locations on the plans (§185-31.C.(3)(i)).
- S4. Provide signing for proposed accessible parking spaces (§185-31.C.(3)(j)).
- S5. If plantings are provided in conjunction with other comments, provide a planting schedule and a note that all plantings shall come from the Best Development Practices Guidebook (§185-31.C.(3)(k)).
- S6. Provide a photometric plan (§185-31.C.(3)(I)).
- S7. Determine if the existing site operations have resulted in any adverse noise or odor impacts to abutters (\$185-31.C.(3)(r)).
- S8. Provide reference datum for existing survey information.

SCREENING (§185-35)

The project proposes outdoor parking for 10 or more cars, abuts a residential use, and has an existing industrial use.

- SC1. Based upon BETA's site visit, mature vegetation proposed to remain along the easterly property line may not provide adequate screening for the adjacent residential use. Recommend supplemental plantings or a fence (§185-35.B.).
- SC2. Provide a greenbelt along the easterly property line where the project abuts a residential use (§185-35.C.).

STORMWATER MANAGEMENT

The project proposes to direct most runoff from new parking areas to a proposed treatment train consisting of a deep sump catch basin with hood, proprietary stormwater unit (Contech), and an infiltration basin. A portion of the new pavement area will be directed to the existing drainage system.



GENERAL

- SW1. Revise proposed HDPE pipe within areas subject to traffic loads to be RCP. Where cover is less than 42" provide Class V RCP (§300-11.B.(2)(a)).
- SW2. Provide a summary table for peak runoff rates and runoff volumes for each design point. Due to the increase in impervious area directed to the existing detention basin, it is anticipated that additional recharge will be required to mitigate runoff volumes to the Forge Parkway system.
- SW3. Provide a summary of compliance with the Stormwater Management Standards and a stamped Stormwater Management Checklist.
- SW4. Revise line type of 340 and 335 contours. Currently, they are not legible.
- SW5. Correct mislabeled 338 contour, depicted approximately 40 feet south of the existing trench drain.
- SW6. Grading is proposed within the existing detention basin at the elevation of the existing water elevation. Confirm with the Conservation Agent that the existing basin is not considered a wetland resource area under the Wetlands Protection Act or Franklin Bylaw.
- SW7. Resolve discrepancy of emergency spillway elevation in proposed detention basin between plans and HydroCAD model.
- SW8. Recommend placing a layer of filter fabric for permanent erosion control between rip rap and gravel at outlets to prevent scour.

MASSACHUSETTS STORMWATER MANAGEMENT STANDARDS:

The proposed development will disturb greater than one acre; therefore, the project is subject to Chapter 153: Stormwater Management of the Town of Franklin Bylaws and MassDEP Stormwater Management Standards.

No untreated stormwater (Standard Number 1): No new stormwater conveyances (e.g., outfalls) may discharge untreated stormwater directly to or cause erosion in wetlands or waters of the Commonwealth.

The project does not propose any new untreated stormwater discharges to wetlands – **complies with standard.**

Post-development peak discharge rates (Standard Number 2): Stormwater management systems must be designed so that post-development peak discharge rates do not exceed pre-development peak discharge rates.

The project proposes an increase in impervious area and will use a new infiltration basin and an existing detention basin to mitigate increases in post-development peak discharge rates and total runoff volumes.

- SW9. Revise cover type in subwatershed 4S: Woods from "grass" to "woods."
- SW10. Based upon the site visit and aerial photography there is a full tree canopy in subwatershed 6S: Woods. Revise cover type from "woods/grass comb., poor" to "woods, good."
- SW11. Revise the elevation and pipe material for the existing detention basin outlet in the HydroCAD model to 328.51 and CMP, respectively, to match the existing conditions plan.
- SW12. Revise the pipe lengths and downstream invert elevations for the existing detention basin outlet in the existing and proposed conditions in the HydroCAD model to be consistent with plans.



Mr. Anthony Padula, Chairman March 25, 2020 Page 6 of 8

- SW13. Clarify if the existing 12" CMP overflow pipe in the existing detention basin is functional. The existing water elevation is noted to be approximately 1.5 feet above the outlet elevation.
- SW14. Review 100-year calculations in the existing and proposed conditions for the existing detention basin. The peak elevations are noted to be elev. 500+ (pond berm at elev. 338±). Include the basin berm as a weir if overtopping cannot be eliminated.
- SW15. Provide calculated time of concentration (TOC) for subwatershed 6S in existing and proposed conditions. Assuming a TOC of 6 minutes may underestimate the change in hydrology for the new impervious area. Depict TOC flow path on the plans.
- SW16. Include overland flow from grass areas and the basin area in the contributing subwatershed to the proposed infiltration basin. This area is currently modeled as "woods" in subwatershed 6S. The surface area of the basin should be modeled as impervious to avoid double counting the area's infiltration potential.

Recharge to groundwater (Standard Number 3): Loss of annual recharge to groundwater should be minimized through the use of infiltration measures to maximum extent practicable.

NRCS soil maps indicate the presence of Woodbridge Fine Sandy Loam with a Hydrologic Soil Group (HSG) rating of C/D (low to very low infiltration potential) and Ridgebury fine sandy loam, rated in HSG D (very low infiltration potential). Test pit logs indicate the presence of loamy sand at the proposed bottom elevation of the infiltration basin. Mottles were observed in the test pits within the proposed basin at approximate elevation 328.7; however, weeping was observed significantly deeper at approximate elevation 319. The infiltration system has been designed to provide a recharge volume in excess of that required and will drain within 72 hrs.

- SW17. Clarify the estimated seasonal high groundwater elevation. Test pits indicate mottling above the proposed bottom elevation of the infiltration basin.
- SW18. Based upon NRCS mapped soil information (HSG C/D or D) there is concern that the proposed infiltration basin may not meet the performance of the exfiltration rate used in the HydroCAD report. Soil textures will need to be verified by an agent of the Town during construction to ensure that any restrictive layers are fully removed.

80% TSS Removal (Standard Number 4): For new development, stormwater management systems must be designed to remove 80% of the annual load of Total Suspended Solids.

The project proposes to direct most runoff from new parking areas to a proposed treatment train consisting of a deep sump catch basin with hood, proprietary stormwater unit (Contech), and an infiltration basin. The new treatment train will provide the required 80% TSS removal and 44% TSS pretreatment for infiltration proposed in soils with rapid infiltration rates. A portion of the new pavement area will be directed to the existing drainage system.

- SW19. Approximately 6,100 sq. ft. of new impervious parking area will be directed to the existing detention basin, which will not provide the required 80% TSS removal. BETA notes the existing catch basins in the main parking areas do not receive any TSS removal credit as they are not end of line devices. Provide required 80% TSS removal for all new pavement areas.
- SW20. Given the strict requirements to receive a TSS removal credit for street sweeping, recommend removing this component from the calculations.



Mr. Anthony Padula, Chairman March 25, 2020 Page 7 of 8

SW21. Provide a Long-Term Pollution Prevention Plan (LTPPP) including the provisions outlined in Standard 4. Recommend for the LTPPP to be combined with the O&M Plan. Snow storage should be prohibited from stormwater management basins.

Higher Potential Pollutant Loads (Standard Number 5): Stormwater discharges from Land Uses with Higher Potential Pollutant Loads require the use of specific stormwater management BMPs.

SW22. Clarify if the project meets the definition of a land use with higher potential pollutant load (LUHPPL).

Critical Areas (Standard Number 6): Stormwater discharges to critical areas must utilize certain stormwater management BMPs approved for critical areas.

The project does not propose any discharges to a critical area – **not applicable**.

Redevelopment (Standard Number 7): Redevelopment of previously developed sites must meet the Stormwater Management Standards to the maximum extent practicable.

The project is primarily considered a new development; however, in conjunction with comment SW19, consider providing a proprietary treatment device on an existing system, eliminating catch basin to catch basin connections, or separating roof flows from parking areas flows. Redevelopment areas are required to improve existing conditions to the maximum extent practicable.

Construction Period Erosion and Sediment Controls (Standard Number 8): *Erosion and sediment controls must be implemented to prevent impacts during construction or land disturbance activities.*

The project as currently depicted will disturb in excess of one acre of land; therefore, a Notice of Intent with EPA and a Stormwater Pollution Prevention Plan (SWPPP) are required. The project proposes the use of erosion control barrier (Filtrexx Silt Soxx).

- SW23. Provide erosion control barrier at the limits of grading in the existing detention basin.
- SW24. Recommend using erosion control matting, jute mesh, or another method to stabilize disturbed slopes that are 3:1 or steeper.
- SW25. Provide a stabilized construction entrance, depicting location and associated detail on the plans. Recommend for entrance to be a minimum of 50' long and 20' wide.
- SW26. Provide catch basin inlet protection for any basin in proximity to an area of disturbance or adjacent to the traveled way of construction vehicles.
- SW27. Remove references to silt fence and hay bales in Erosion and Sedimentation Control Notes, which are not permitted in the Town of Franklin.

Operations/maintenance plan (Standard Number 9): A Long-Term Operation and Maintenance Plan shall be developed and implemented to ensure that stormwater management systems function as designed.

A Long-Term Operation and Maintenance (O&M) Plan has been provided.

- SW28. Provide the stormwater management system owners, responsible party, plan showing all stormwater management features (existing and proposed), and estimated budget in the O&M Plan. The O&M map should also designate snow storage areas.
- SW29. Provide adequate access around and into the proposed infiltration basin and sediment forebay. The basin is proposed behind guardrail and with side slopes of 2:1.



Mr. Anthony Padula, Chairman March 25, 2020 Page 8 of 8

SW30. Based on the proposed use of the site and anticipated frequent truck traffic, a spill kit should be kept on site at all times.

Illicit Discharges (Standard Number 10): All illicit discharges to the stormwater management systems are prohibited.

SW31. Provide a signed Illicit Discharge Compliance Statement.

If we can be of any further assistance regarding this matter, please contact us at our office.

Very truly yours, BETA Group, Inc.

Matthew J. Crowley, PE Project Manager

cc: Amy Love, Planner





TOWN OF FRANKLIN

DEPARTMENT OF PUBLIC WORKS

Franklin Municipal Building 257 Fisher Street Franklin, MA 02038-3026

March 16, 2020

Mr. Anthony Padula, Chairman Members of the Franklin Planning Board 355 East Central Street Franklin, MA 02038

RE: Site Plan Modification – #12 Forge Parkway Parking Expansion

Dear Mr. Chairman and Members:

We have reviewed the submitted materials for the subject project and offer the following comments:

- 1. Due to the disturbance of more than one acre, a Soil Erosion and Sediment Control Permit will be required from the Franklin Department of Public Works.
- 2. We note that the proposed parking lot expansion calls out for asphalt berm around the outer perimeter, the Board has typically required vertical curb for this type of application.
- 3. The proposed drainage pipe is called out as HDPE, however reinforced concrete pipe is required. Pipes with less than 42" of cover are required to be class 5.
- 4. It is unclear what the expanded pavement area is to be used for. If it is for additional parking or trailer storage, pavement markings should be shown to provide some delineation.
- 5. From the test pit information, it appears that the bottom of the infiltration basin is below the high groundwater table, rather being the required minimum two feet above high groundwater.

Should you have any questions or require additional information, please do not hesitate to contact me.

Sincerely,

Michael Maglio, P.E. Town Engineer

FRANKLIN PLANNING & COMMUNITY DEVELOPMENT



355 EAST CENTRAL STREET FRANKLIN, MA 02038-1352 TELEPHONE: 508-520-4907

Fax: 508-520-4906

MEMORANDUM

DATE: April 29, 2020

TO: Franklin Planning Board

FROM: Department of Planning and Community Development

RE: 12 Forge Parkway

Site Plan Modification

The DPCD has reviewed the above referenced Site Plan Modification application for the Monday, May 4, 2020 Planning Board meeting and offers the following commentary:

General:

- 1. The site is located at 12 Forge Parkway in the Industrial Zoning District (Assessors Map 275 Lot 003).
- 2. The applicant is proposing to construct 54,400 sq/ft of paved area to include parking spaces, with drainage and landscaping.
- 3. The following letters have been received from other Town Departments and outside Peer Review;
 - Letter dated March 4, 2020 from Conservation Agent
 - Letter dated March 16, 2020 from J.S. Barbieri, Deputy Fire Chief
 - Letter dated March 16, 2020 from Mike Maglio, Town Engineer
 - Letter dated March 25, 2020 from Matt Crowley, BETA

Comments:

- 1. The Applicant should show on the plans the layout of the additional parking spaces.
- 2. If there will be a dumpster located on the property, it should be shown, located on a concrete pad and enclosed with a fence.
- 3. Per Zoning By-Law §185-31 C(3) (l), the applicant needs to submit a photometric plan with sufficient illuminance values, to determine compliance with §185-31 C(4)(e), Site plan, Review Criteria
- 4. Per Zoning By-Law §185-31 C (3)(k), the applicant has not provided a Landscaping Plan. The Planning Board will need to determine if a landscaping plan is required for this project.

- 5. The applicant is proposing Bituminous concrete throughout the site. The Board should determine if the site should be reinforced concrete or granite curbing
- 6. Per Zoning By-Law §185-31 Section 3.1.C (s), the applicant has not provided a traffic study. The Planning Board should determine if a traffic study is required.
- 7. Applicant should provide areas for snow storage on the plans.
- 8. DPCD defers to DPW/Engineering and BETA Group, Inc. to address drainage issues.

Recommendation:

DPCD recommends continuing the public hearing until all outstanding issues are addressed.

To:DPCD

FROM: J. S. BARBIERI, DEPUTY FIRE CHIEF

DATE : 16 MARCH 2020

RE: SITE PLAN MODIFICATION -12 FORGE PARK

Thank you for the opportunity to review the above referenced plan.

The proposed project offers sufficient access to the site and the one relocated fire hydrant is not an issue as it is being brought closer to the fire department connection on the building.

Accordingly we have no other comments. Please feel free to contact me with any questions.

cc: file

Tel: (508) 520-4929 Fax: (508) 520 4906

Town of Franklin



Conservation Commission

MEMORANDUM

To: Franklin Planning Board

From: Jennifer Delmore, Conservation Agent

Re: 12 Forge Parkway Site Plan Modification

Date: March 4, 2020

There doesn't appear to be any wetlands or buffer zone to a wetland within 100' of the site, therefore Conservation does not have jurisdiction over this activity. Please let me know if you have any questions.

EUGENE T. SULLIVAN INC.

Consulting Engineers & Construction Managers



February 28, 2020

TOWN OF FRANKLIN

Town Hall- Planning Department 355 East Central Street Franklin, Massachusetts 02038

RE: Proposed Parking Expansion

12 Forge Parkway Parcel ID: 275-003

PROJECT DESCRIPTION

We herein submit, on behalf of *P8/GFI 12 Forge Park, LLC*, an application for Site Plan Review to allow the expansion of the existing loading dock areas to the existing Industrial Building located at 12 Forge Parkway. Please find attached the following documents:

- o Site Plan Review Application and Filing Fee
- o Certificate of Ownership
- o Certified Abutters List
- o Civil Engineering plans prepared by ETS Inc.
- o Stormwater Management Report prepared by ETS Inc.

The existing and proposed uses of the property [business office, manufacturing and warehousing] are permitted uses in accordance with the Table of Use Regulations. This proposal is conformance with the Dimensional Regulations of the Town of Franklin Zoning Bylaw.

If you have any questions regarding this matter, please contact me

Sincerely,

C:\SPR Project Description.doc



FORM P

APPLICATION FOR APPROVAL OF A SITE PLAN

To the Franklin Planning Board:

Law	s of the Town of Franklin covering Site Plans.
1.	Name of Applicant: P8/GFI 12 FORGE PARK LLC
	Address of Applicant: 133 Pearl Street, Boston, MA 02110
	Phone No.: 617.292.0101 Email:
2.	Name of Owner (if not the Applicant):same as Applicant
	Address of Owner:
	Phone No.: Email:
3.	Name of Engineer: Eugene T. Sul Ivan Inc.
	Address of Engineer: 230 Lowel IStreet, Wilmington, MA 01887
	Phone No.: 978.657.6469 Email: etspe@outlook.com
4.	Deed of Property recorded with Norfolk Registry of Deeds in Book 60758, Page 394, (or Certificate of Title No. 71958)
4.5.	Deed of Property recorded with Norfolk Registry of Deeds in Book 60758, Page 394, (or Certificate of Title No. 71958) Location and Description of Property: 12 Forge Parkway
	Deed of Property recorded with Norfolk Registry of Deeds in Book 60758, Page 394, (or Certificate of Title No. 71958) Location and Description of Property:
5.	Deed of Property recorded with Norfolk Registry of Deeds in Book 60758, Page 394, (or Certificate of Title No. 71958) Location and Description of Property: 12 Forge Parkway Square Footage of Building(s) 236,350 SF
	Deed of Property recorded with Norfolk Registry of Deeds in Book 60758, Page 394, (or Certificate of Title No. 71958) Location and Description of Property: 12 Forge Parkway Square Footage of Building(s) 236,350 SF Assessor's Map 275 Lot 003 Purpose of Site Plan: We are requesting to construction approximately 54,400
5.6.7.	Deed of Property recorded with Norfolk Registry of Deeds in Book_60758_, Page_394, (or Certificate of Title No71958) Location and Description of Property: 12 Forge Parkway Square Footage of Building(s)236,350 SF Assessor's Map_275 Lot_003 Purpose of Site Plan: We are requesting to construction approximately 54,400 square feet of paved area.

CERTIFICATE OF OWNERSHIP

I the undersigned Applicant, do hereby certify to the Town of Franklin, through its Planning Board, that all parties of interest to the below-listed plan are identified in Section B: below,

SECTION A:
Type of Plan (circle one) ANR 81-P; Preliminary Subdivision
Definitive Subdivision.; Site Plan; Special Permit
Title of Plan: Proposed Palking Expansion
Date of Plan: 2/26/2020Assessor's Information: MAP 275/ PARCEL 203
Prepared by: EVERNET. GWINAN INC.
Applicant Name & Address: PB/GFI 12 FORCE PARK INC. 133 PEARL STEER, POSEN, MA
SECTION B:
Name of Record Owner(s): POLOTI 12 FORE PARKING
Address of Record Owner(s): 133 PEARL STREET
**Attach Property Deed matching the owner name's listed above.
*If in the name of a Trust, Corporation or Partnership, list the names and addresses of all Trustee(s), Corporate Officer(s) or Partner(s):
*If in the name of a Trust or Corporation, list the Beneficiary(ies) of the Trust or the Shareholder(s) of the Corporation:
*If in the name of a Trust or Corporation, list the date, county, book and page of recording of the Trust Instrument, or the date and State of incorporation:

Executed as a sealed instrument this	day of 20
Signature of Applicant	Steven Goodman, Manager of 19/6/1 12FG Print name of Applicant Same as applicant
Signature of Owner	Print name of Owner
^	ALTH OF MASSACHUSETTS
Sutfolk ss.	20 <u>ZÔ</u>
On this 20th day of February public, personally appeared Stewn (stome through satisfactory evidence of id the person whose name is signed on the person whos	20 20, before me, the undersigned notary cochun McWagel of Polocial of owner), proved lentification, which were pelessing to however, proved lentification, which were pelessing to how the preceding document in my presence. (Official signature and seal of notary) Notary Public: My Commission Expires: August 17,2023
	HAYLEY L. MARSH Notary Public COMMONWEALTH OF MASSACHUSETTS My Commission Expires August 17, 2023

Town of Franklin



TOWN OF FRANKLIN TOWN CLERK 2020 MAR -2 A 8: 59

The following notice will be published in the Milford Daily Newspaper once on Monday, March 23, 2020 and again on March 30, 2020

FRANKLIN PLANNING BOARD PUBLIC HEARING NOTICE

In accordance with the Town of Franklin Zoning By-Laws, the Franklin Planning Board will hold a public hearing on **Monday, April 6, 2020 at 7:10 PM** in the Town Council Chambers of the Franklin Municipal Building, 355 East Central Street, for a Site Plan application at 12 Forge Parkway in Franklin, MA prepared by Eugene Sullivan Inc. Wilmington, MA, Inc. and submitted to the Department of Planning & Community Development on February 27, 2020, by P8/GFI 12 forge Park LLC, 133 Pearl St, Boston, MA.

The property is located in the Industrial Zoning District (Assessors Map 275 Lot 003) on Forge Parkway. The applicant is proposing construction of 54,400 sq.ft of pavement with parking, drainage and landscaping.

<u>Please note:</u> This will be your only written notice of this public hearing. All future Public Hearings on this matter, will be posted on the Planning Board's website under Agendas.

Please contact the Department of Planning & Community Development at (508) 520-4907 if you require further information or if you need to make arrangements to provide translation services for the hearing impaired, or for persons with language barriers.

Copies of the plan and supporting documentation may be reviewed in the Department of Planning & Community Development during regular office hours.

Anthony Padula, Chairman

FORGE PARKWAY OWNER LLC C/O GOLDMAN SACHS & CO. 200 WEST ST 35TH FLOOR NEW YORK, NY 10282	STONERIDGE EAST CONDOMINI C/O ADVANCED CONDOMINIUM 40 MECHANIC ST - SUITE 301 FOXBORO, MA 02035	DRISCOLL CHRISTINE 162 STONE RIDGE RD FRANKLIN, MA 02038
P8/GFI 12 FORGE PARK LLC 133 PEARL ST BOSTON, MA 02110-2499	MACRI JOSEPH D 42 STONE RIDGE RD FRANKLIN, MA 02038	CIAVARINI MICHAEL D CIAVARINI DIANE A 103 STONE RIDGE RD FRANKLIN, MA 02038
FORGE PROPERTY LLC C/O CONDYNE 100 GRANDVIEW RD SUITE 312 BRAINTREE, MA 02184	GILPATRICK CARLENE 48 STONE RIDGE RD FRANKLIN, MA 02038	NGUYEN DAN H 90 STONE RIDGE RD FRANKLIN, MA 02038
FORGE PARKWAY OWNER LLC C/O GOLDMAN SACHS & CO. 200 WEST ST, 35TH FLOOR NEW YORK, NY 10282	BURNS AMANDA 163 STONE RIDGE RD FRANKLIN, MA 02038	CAPOBIANCO-WOLF CAROL 108 STONE RIDGE RD UNIT 108 FRANKLIN, MA 02038
JJ&K ENTERPRISES LLC C/O HAPPY TAILS DOGGY DAY 7 FORGE PKWY FRANKLIN, MA 02038	50 STONERIDGE ROAD LLC 164 FENSVIEW DRIVE WESTWOOD, MA 02090	COUSAR MAURA E 153 STONE RIDGE RD FRANKLIN, MA 02038
DISKIN DOROTHY A 158 STONE RIDGE RD FRANKLIN, MA 02038	LOGAN GAYLE F TR LOGAN NOMINEE TRUST OF 20 85 STONE RIDGE RD FRANKLIN, MA 02038	BEKSHA EDWARD D 45 STONE RIDGE ROAD FRANKLIN, MA 02038
ARNOLD STEPHEN JOHN & MAR ARNOLD REVOCABLE TRUST 40 STONE RIDGE RD FRANKLIN, MA 02038	MCCLELLAN DONNA M 101 STONE RIDGE RD FRANKLIN, MA 02038	AO QI 52 STONE RIDGE RD FRANKLIN, MA 02038
CRISAFULLI JOSEPH M L/E JOSEPH M CRISAFULLI IR TR 161 STONE RIDGE RD FRANKLIN, MA 02038	HOLT SHAUNA 53 STONERIDGE ROAD FRANKLIN, MA 02038	GRACI RANDE M TR RANDE M GRACI REVOCABLE T 92 STONE RIDGE RD FRANKLIN, MA 02038
LOUGHLIN PATRICIA 35 STONE RIDGE RD FRANKLIN, MA 02038	HEWITT JAMES HEWITT LARISSA L 17 EVERGREEN RD NORFOLK, MA 02056	REGAN BARRY N & KERRIN M REGAN FAMILY LIVING TRUST 44 STONE RIDGE RD FRANKLIN, MA 02038
SCHLECTER MITCHELL J TR MITCHELL J SCHLECTER FAM 2301 LUCAYA LN APT M1 COCONUT CREEK, FL 33066-1124	NARUM M LYNNE PO BOX 126 FRANKLIN, MA 02038	BERTSCHMANN ASHLEY 5 HIGH OAKS COURT WALPOLE, MA 02081

BURNARD EILEEN B 152 STONE RIDGE RD FRANKLIN, MA 02038	NURNBERG STEVEN NURNBERG SUZANNE 148 STONE RIDGE RD FRANKLIN, MA 02038	O`HAGAN CATHERINE 57 STONE RIDGE RD FRANKLIN, MA 02038
WATKINS EILEEN M TR EILEEN M WATKINS 2012 TRU 160 STONE RIDGE RD FRANKLIN, MA 02038	HIRSCH LOUIS M HIRSCH LOIS M 100 STONE RIDGE RD FRANKLIN, MA 02038	SIDOLI MICHAEL D 83 STONE RIDGE RD FRANKLIN, MA 02038
YOUNIS SUSAN L 47 STONE RIDGE RD FRANKLIN, MA 02038	FONTANA MEREDITH L 55 STONE RIDGE RD FRANKLIN, MA 02038	COLANTONI JULIANA 56 STONE RIDGE RD FRANKLIN, MA 02038
MORGAN JAYNE M 38 STONE RIDGE RD FRANKLIN, MA 02038	LAPLANTE BETTY JANE TR LAPLANTE IRREVOCABLE TRUS 104 STONE RIDGE RD FRANKLIN, MA 02038	WILSON WILLIAM G HALL JOANNA M 110 STONE RIDGE RD FRANKLIN, MA 02038
CORDARO NICOLINA M TR CORDARO DAVIS FAMILY TRUS 41 STONE RIDGE RD FRANKLIN, MA 02038	PARKINSON GRACE P 156 STONE RIDGE RD FRANKLIN, MA 02038	BRYSON HENRY M 154 STONE RIDGE RD FRANKLIN, MA 02038
FINN JACQUELINE F 38 PARK ST BELLINGHAM, MA 02019	CLIFF DUDLEY CLIFF MARY 43 STONE RIDGE RD FRANKLIN, MA 02038	SAWYER TRACY 7 CEDAR PARK RD SHARON, MA 02067
ROSCOE STEVEN M TR SJR REALTY TRUST 67 MEETINGHOUSE ROAD NORFOLK, MA 02056	FREEMAN GIN 2842 EMELDI LN MELBOURNE, FL 32940-8664	CHAMBERS CAROL 91 STONE RIDGE RD FRANKLIN, MA 02038
BIANCHI SCOTT E BIANCHI EILEEN M 98 STONE RIDGE RD FRANKLIN, MA 02038	MORETTI BRIANA J 157 STONE RIDGE RD FRANKLIN, MA 02038	MCLAUGHLIN AMY 106 STONE RIDGE RD FRANKLIN, MA 02038
FALZONE-MOST BEVERLY A TR BEVERLY A FALZONE-MOST TR 29 LONGFELLOW DR FRANKLIN, MA 02038	FLAKSMAN RACHEL 151 STONE RIDGE RD FRANKLIN, MA 02038	GRIFFIN KATHLEEN 109 STONE RIDGE ROAD FRANKLIN, MA 02038
DEBENEDICTIS GENE E GENE E 81 STONE RIDGE RD FRANKLIN, MA 02038	BALEST RICHARD P & MAXINE BALEST REALTY TRUST PO BOX 136 NORFOLK, MA 02056	COLLINS LINDA TR LINDA COLLINS REVOCABLE T 39 STONE RIDGE RD FRANKLIN, MA 02038

ST CYR PAUL ST CYR SCOTT 54 STONE RIDGE RD FRANKLIN, MA 02038	KEARNS KEVIN W KEARNS KAREN E 36 STONE RIDGE RD FRANKLIN, MA 02038	DUNNE MICHAEL E TR DUNNE FAMILY TRUST 68 STONE RIDGE RD FRANKLIN, MA 02038
RAWLINSON VICTORIA F TR L RAWLINSON REALTY TRUST 150 STONE RIDGE RD FRANKLIN, MA 02038	RICHARD JOYCE M TR JMR REALTY TRUST 93 STONE RIDGE RD FRANKLIN, MA 02038	BYERS JEAN 141 STONE RIDGE RD FRANKLIN, MA 02038
SIMS DAVID 88 STONE RIDGE RD FRANKLIN, MA 02038	LEONE DONATO L LEONE VALERIE A 155 STONE RIDGE RD FRANKLIN, MA 02038	BURNS MAUREEN E 137 STONE RIDGE RD FRANKLIN, MA 02038
BRANCA RITA M 107 STONE RIDGE RD FRANKLIN, MA 02038	MILLER WAYNE M 46 STONE RIDGE RD FRANKLIN, MA 02038	OWEN CHARLES R 72 STONE RIDGE RD FRANKLIN, MA 02038
GURGANUS JAMES JR 99 STONE RIDGE RD FRANKLIN, MA 02038	PRINCE ROGER F PRINCE CAROLINE A 95 STONE RIDGE RD FRANKLIN, MA 02038	BRADIE GERALD I TR THE BRADIE FAMILY TRUST 61 STONE RIDGE RD FRANKLIN, MA 02038
GREENBLATT JENNA R BLYUM VYACHESLAV J 81 CHASE RUN STOUGHTON, MA 02072	PROTZE SANDRA S TR SANDRA S PROTZE REV TRUST 159 STONE RIDGE RD FRANKLIN, MA 02038	TOLLAND ALAN M 122 STONE RIDGE RD FRANKLIN, MA 02038
BOWLES SHARON K 105 STONE RIDGE RD FRANKLIN, MA 02038	COLACE AMANDA 111 STONE RIDGE RD FRANKLIN, MA 02038	BARROW LESLIE YOUNG ROBERT P 12 STONE RIDGE RD FRANKLIN, MA 02038
LEDWITH MARY C 82 STONE RIDGE RD FRANKLIN, MA 02038	SILVIA JOSEPH C SILVIA LORRAINE 34 STONE RIDGE RD FRANKLIN, MA 02038	ENNIS BARBARA L 18 STONE RIDGE RD FRANKLIN, MA 02038
PELLAND STEVE PELLAND CANDICE F 51 STONE RIDGE ROAD FRANKLIN, MA 02038	MELLOR EILEEN F 366 MUCCIARONE RD FRANKLIN, MA 02038	GUYETTE LESLIE A 125 STONE RIDGE RD FRANKLIN, MA 02038
BURKE NANCY E 87 STONE RIDGE RD FRANKLIN, MA 02038	DOZOIS JOANN 79 STONE RIDGE RD FRANKLIN, MA 02038	PAI RATNAKAR PAI VIDYA 15 STONE RIDGE RD FRANKLIN, MA 02038

SANFORD PAMELA J TR PAMELA J SANFORD LIV TRUS 146 STONE RIDGE RD FRANKLIN, MA 02038	SAWYER JASON C SAWYER LISA 63 STONE RIDGE RD FRANKLIN, MA 02038	EGAN DENNIS M EGAN KATHLEEN A 7 STONE RIDGE RD FRANKLIN, MA 02038
SCHWARTZ JEFFREY L 73 STONE RIDGE RD FRANKLIN, MA 02038	LAUGHRAN KATHLEEN 74 STONE RIDGE RD FRANKLIN, MA 02038	DAMORE LISA SHELDON LAURA 13 IRIS CIR MANALAPAN, NJ 07726
OPPENHEIM ESTATE OF SARA C/O BARBARA E GILLMEISTER 25 BOYDEN RD WRENTHAM, MA 02093	SPIEGEL DANIEL B 59 STONE RIDGE RD FRANKLIN, MA 02038	GORDON STEVEN J 135 STONE RIDGE RD FRANKLIN, MA 02038
SWEENEY PHILIP T SWEENEY JENNIFER ANDERSEN 131 STONE RIDGE RD FRANKLIN, MA 02038	STEWART HELEN L STEWART DAVID H JR 147 STONE RIDGE RD FRANKLIN, MA 02038	WARD MAUREEN A 127 STONE RIDGE RD FRANKLIN, MA 02038
BISHOP JOSEPH HADLEY MARGARET 118 STONE RIDGE RD FRANKLIN, MA 02038	SAPORETTI BARBARA A 33 STONE RIDGE RD FRANKLIN, MA 02038	KOWALCZYK VIRGINIA 121 STONE RIDGE ROAD FRANKLIN, MA 02038
LOVETT THOMAS LOVETT PAULA 128 STONE RIDGE RD FRANKLIN, MA 02038	PRENTICE JANICE K 126 STONE RIDGE RD FRANKLIN, MA 02038	BONNER STEPHEN D 16 STONE RIDGE RD FRANKLIN, MA 02038
MCBRIDE-WENDELL AMY TR AMY MCBRIDE-WENDELL TRUST 41 OCTOBER DR FRANKLIN, MA 02038	WILSON DIANNE M 77 STONE RIDGE RD FRANKLIN, MA 02038	MCNIFF CATHERINE ANN TRS THE MCNIFF FRANKLIN REALT 134 STONE RIDGE RD FRANKLIN, MA 02038
WINTERS CAROL A 28 STONE RIDGE RD FRANKLIN, MA 02038	MICCILE SCOTT MICCILE KIMBERLY 70 STONE RIDGE RD FRANKLIN, MA 02038	LOCONZOLO DEBRA 117 STONE RIDGE RD FRANKLIN, MA 02038
COFFMAN JOANNE K 114 STONE RIDGE RD FRANKLIN, MA 02038	PORTMANN MEGHAN K 80 STONE RIDGE RD FRANKLIN, MA 02038	COAKLEY PATRICIA B 116 STONE RIDGE RD FRANKLIN, MA 02038
DEMICHELE VANESSA J 67 STONE RIDGE RD FRANKLIN, MA 02038	CENTOLA DANIEL H 9 NORTH MAIN ST UNITB MEDWAY, MA 02053	GEPHARDT BETTY ANN 9 STONE RIDGE RD FRANKLIN, MA 02038

IACOVELLI CAROLYN M 47 MADDEN AVE MILFORD, MA 01757	FARROW DENISE E FARROW KELLIE N 21 STONE RIDGE RD FRANKLIN, MA 02038	ROSINE CAROL 119 STONE RIDGE RD FRANKLIN, MA 02038
MARCUS JOSEPH A	MEYERS LAURA R	PERKINS JAMES C
MARCUS JUNE M	BIBBO RUTH	PERKINS GERALDINE E
145 STONE RIDGE RD	140 STONE RIDGE RD	10 STONE RIDGE RD
FRANKLIN, MA 02038	FRANKLIN, MA 02038	FRANKLIN, MA 02038
YORRA SAMANTHA 123 STONE RIDGE RD FRANKLIN, MA 02038	BRIGGS DAVID J BRIGGS EILEEN M 78 STONE RIDGE RD FRANKLIN, MA 02038	AWTANI JAYESH 113 STONE RIDGE RD FRANKLIN, MA 02038
COHEN SHARON L WEILANDT DANIEL J 25 STONE RIDGE RD FRANKLIN, MA 02038	EVANS ROBERT J & JOY A TR ROBERT J EVANS REVOC TRUS 17 DRIVER LN MASHPEE, MA 02649	LERCH ERICA 130 STONE RIDGE RD FRANKLIN, MA 02038
GORDON JOHN A	MCMANUS DONNA S	ALCAREZ AGNES G
17 STONE RIDGE RD	64 STONE RIDGE RD	124 STONE RIDGE RD
FRANKLIN, MA 02038	FRANKLIN, MA 02038	FRANKLIN, MA 02038
KNOWLES MARCIA A	MAHONEY MARY B	BOUTROS AMANI
115 STONE RIDGE RD	62 STONE RIDGE RD	24 STONE RIDGE RD
FRANKLIN, MA 02038	FRANKLIN, MA 02038	FRANKLIN, MA 02038
IGO DANIEL J	HALL DEBORAH BAKIN	SPINA LUCAS J
KRAMER KIMBERLY	HALL, KELLY C & RYAN J HA	SPINA KAITLINE E
71 STONE RIDGE RD	139 STONE RIDGE RD	136 STONE RIDGE RD
FRANKLIN, MA 02038	FRANKLIN, MA 02038	FRANKLIN, MA 02038
KNOX ERIC R	MATTAR CHERYL	DAVIS TRACY
139 KING ST #302	6 STONE RIDGE RD	75 STONE RIDGE RD
FRANKLIN, MA 02038	FRANKLIN, MA 02038	FRANKLIN, MA 02038
REGAN NORMA ANN	RITTER JOHN J	CAPUTO THOMAS J
5 STONE RIDGE RD	29 STONE RIDGE	8 STONE RIDGE RD
FRANKLIN, MA 02038	FRANKLIN, MA 02038	FRANKLIN, MA 02038
DAVIDSON JACK T DAVIDSON TAMARA REID 4 STONE RIDGE RD FRANKLIN, MA 02038	GALVIN PETER L 133 STONE RIDGE RD FRANKLIN, MA 02038	LYONS MAUREEN L 112 STONE RIDGE RD FRANKLIN, MA 02038

HALPERN RICHARD HALPERN ARLYN 129 STONE RIDGE RD FRANKLIN, MA 02038 RODEGHIERO J SCOTT J/T RODEGHIERO AISLYNN E J/T 27 STONE RIDGE RD FRANKLIN, MA 02038 FRANKLIN LIMITED PARTNERS C/O IRON MOUNTAIN ONE FEDERAL ST BOSTON, MA 02110

HENDERSON MARY A 144 STONE RIDGE RD FRANKLIN, MA 02038 TREANOR NEAL J TREANOR GRETCHEN K 60 STONE RIDGE RD FRANKLIN, MA 02038

KLAWSON RACHEL H 19 STONE RIDGE RD FRANKLIN, MA 02038-3103 STONE RIDGE WEST CONDOMIN C/O ADVANCED CONDOMINIUM 40 MECHANIC ST FOXBORO, MA 02035

SCHWARTZ RONNI 58 STONE RIDGE RD FRANKLIN, MA 02038 HUGHES MINNE S 3 STONE RIDGE RD FRANKLIN, MA 02038

SMITH RITA L/E SCUDERI KELLY ANN 120 STONE RIDGE RD FRANKLIN, MA 02038

CARMODY ANN 143 STONE RIDGE RD FRANKLIN, MA 02038

APEIRON PROPERTIES LLC 33 BROAD ST, STE 1100 BOSTON, MA 02109 SELLARS KARA L 76 STONE RIDGE RD FRANKLIN, MA 02038

BIDNER CAROL J 30 STONE RIDGE RD - UNIT 30 FRANKLIN, MA 02038-3105 HARRIGAN JUDITH M 1 STONE RIDGE RD FRANKLIN, MA 02038

GOLDMAN LEONARD E GOLDMAN CAROL G 26 STONE RIDGE RD FRANKLIN, MA 02038

CAPACHIN ALICE W 138 STONE RIDGE RD FRANKLIN, MA 02038

FIORAVANTE LINDA M 142 STONE RIDGE RD FRANKLIN, MA 02038 OROURKE RYAN 32 STONE RIDGE RD FRANKLIN, MA 02038

BETTS JONATHAN A 2 STONE RIDGE RD FRANKLIN, MA 02038 CLINTON MARK C 20 STONE RIDGE RD FRANKLIN, MA 02038 NOTES

1. THIS SITE IS NOT IN A FLOOD HAZARD ZONE.

2. REFER TO FRANKLIN ASSESSORS MAP 306 LOT 001.

3. THIS SITE IS NOT IN A WATER RESOURCE DISTRICT.

4. THE ARCHITECT WILL PROVIDE PLANS AND CALCULATIONS FOR FIRE PROTECTION IF REQUIRED.

5. SEE PLAN ENTITLED ' FRANKLIN BREWING COMPANY CHANGE IN USE PLAN OF LAND 158 GROVE

STREET, FRANKLIN, MASS. DATED APRIL 23, 2019, LAST REVISED JULY 8, 2019 BY GUERRIERE & HALNON AND ENDORSED BY THE PLANNING BOARD AUGUST 5, 2019.

7. THERE ARE CURRENTLY 24 PARKING SPACES WITH DIMENSIONS SHOWN HEREON.

6. EXISTING AND PROPOSED INTERIOR DIMENSIONS PROVIDED BY APPLICANT AND/ OR OWNER. NOT THE RESULT OF THIS ON-GROUND SURVEY BY GUERRIERE & HALNON, INC.

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EXISTING

DUMPSTER AREA

S2522'49'7

WAREHOUSING/ STORAGE FOR RT ENGINEERING) AREA = 1,440±SF

DUAL FIRE DEPT.

N2351'30'E

X₹

380±SF TASTING ROOM™ 1,080±SF WAREHOUSE

7 2377 293 HWDC28 3GN

GROVE STREET

FRANKUN BREWING COMPANY
TOTAL PROPOSED
FOOTPRINT= 4,440±SF
1,110±SF TASTING ROOM**
3,330±SF WAREHOUSE

FRANKUN BREWING COMPANY
Existing Main Level
Footprint=3,000±SF
750±SF TASTING ROOM**
2,250±SF WAREHOUSE

20' W/40 T

A.M. 306 LOT 1 AREA=42.705±SF

RIm= 282.5

FRANKLIN ZONING BYLAW SECTION 185 ATTACHMENT 9; LAST AMENDED 11-16-2016 BY AMENDMENT 16-771 MINIMUM LOT AREA MINIMUM LOT FRONTAGE MINIMUM LOT DEPTH MINIMUM LOT WIDTH MINIMUM YARDS 53.8' 38.9' 75.5' FRONT REAR % OF LOT UPLAND COVERED BY: STRUCTURES 70 STRUCTURES+PAYING 80 16.9 60.1

⁵INCREASE BY THE COMMON BUILDING HEIGHT OF THE STRUCTURE, WHEN ABUTTING A RESIDENTIAL DISTRICT OR USE.

EXISTING REQUIRED PARKING

MAR ELECTRICAL CONTRACTORS AREA= 2760±SF. MAR ELECTRICAL CONTRACTORS— INDUSTRIAL 1 SPACE/400SF=7 SPACES
OFFICE MEZZ.-16' X 12'=192±SF 1/250 =1 SPACE

RT ENGINEERING AREA=1440±SF- WAREHOUSE 1 SPACE/1000SF= 2 SPACES

TASTING ROOM-750± **SEE NOTE BELOW = 13 SPACES REMAINING MAIN FLOOR SPACE-2,250±SF WAREHOUSE 1/1000 = 3 SPACES

EXISTING MEZZANINE LEVEL(1,000±SF)

*SEE PARKING DETERMINATION ALLOWING 24 PARKING SPACES

PROPOSED PARKING NOTES

PREMOUSLY APPROVED BREWERY HOURS OF OPERATION:

MONDAY & TUESDAY — CLOSED
WEDNESDAY THRU FRIDAY — 4:30PM TO 10:00PM
SATURDAY — 12:00PM TO 10:00PM
SUNDAY — 12:00PM TO 7:00PM

NOTE: A SPECIAL PERMIT FOR A BREWERY WITH TASTING ROOM UNDER 185 ATTACHMENT 4 USE REGULATIONS SCHEDULE PART III3.13 WAS APPROVED BY THE PLANNING BOARD JULY 8, 2019.

PURPOSE OF THIS PLAN

1. TO EXPAND FOOTPRINT OF SPACE TO INCLUDE AN ADDITIONAL 1,440±SF., COMPLYING WITH A MAXIMUM SEAT LIMIT OF 39 PER THE BOARD OF HEALTH.

-		<u>. </u>	
H	CATCH BASIN .		
. ©	DRAIN MANHOLE	G	UTILITY POLE
©	ELECTRIC MANHOLE	-0	GUY WRE
S	SEWER MANHOLE	-	SIGN
64		—s—	SEWER LINE
300	GAS VALVE	-D-	DRAIN LINE
X \$ ¢. X₃	GAS SHUT OFF VALVE	w	WATER LINE
	WATERGATE	— c—	GAS LINE
*	WATER SHUT OFF VALVE	- E -	UNDERGROUND ELECTRIC
Ħ	FIRE HYDRANT	— онw-	OVERHEAD WIRES
0	SHRUB .	₩	ELECTRIC METER
(1)	TREE	Dr	DOOR
1	EXISTING WALL PAC		

AND USES NOTES

·TOTAL FOR MAR ELECTRICAL=8 SPACES

TOTAL FOR RT ENGINEERING=2 SPACES

FRANKLIN BREWING COMPANY

EXISTING MAIN LEVEL (3,000±SF)

500±SF OFFICE SPACE 1/250 = 2 SPACES 500±SF WAREHOUSE 1/1000 = 1 SPACES TOTAL FOR FRANKLIN BREWING COMPANY = 19 SPACES

** NOTE: PER THE BOARD OF HEALTH, THE TASTING ROOM IS RESTRICTED TO A MAXIMUM OF 39 SEATS.

FRANKLIN BREWING COMPANY (SPACE FORMERLY OCCUPIED BY RT ENGINEERING) (1,440±SF)

FUTURE FRANKLIN BREWING TOTAL WAREHOUSE AREA= 1,080 \pm SF. FUTURE FRANKLIN BREWING TOTAL TASTING ROOM AREA=360 \pm SF.

TOTAL PROPOSED SPACES REQUIRED BY FRANKLIN BREWING 2 SPACES TOTAL PARKING APPROVED 2019 FOR EXISTING USES= 24 SPACES TOTAL PARKING PROVIDED= 24 SPACES

LEASE AGREEMENT FOR UP TO 13 SPACES FROM MONDAY — FRIDAY. ADDITIONAL SPACES AVAILABLE ON WEEKENDS.

REQUEST A CHANGE OF USE AND AMEND THE SPECIAL PERMIT FROM THE PLANNING BOARD:

2. TO EXTEND THE HOURS OF OPERATIONS BY ADDING TUESDAY EVENINGS OPEN FROM 4:30PM-10:00PM.

3. TO ALLOW LIVE ENTERTAINMENT.

IECEND

		TAT	<i>)</i>	
X₹₵•X₁◎⊕⊕⊞	CATCH BASIN DRAIN MANHOLE ELECTRIC MANHOLE SCHER MANHOLE GAS VALVE GAS SHUT OFF VALVE	3		UTILITY POLE GUY WIRE SIGNI SEWER LINE DRAIN LINE WATER LINE
# # #	WATERGATE WATER SHUT OFF VALVE FIRE HYDRANT	5	— W— — G— — E — — OHW—	GAS LINE UNDERGROUND ELECT OVERHEAD WIRES
0	SHRUB .			ELECTRIC METER
\bigcirc	TREE		Dr	DOOR .
<	EXISTING WALL PAC	•		

	F	RAN	KUN	PLA	NNING	BO	ARD	
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		В	EING	A M	AJORI	TY		

UTILITIES ARE PLOTTED AS A COMPILATION OF RECORD DIGNIMATES MARKINGS AND OTHER OBSERVED PROSENCE INTO THE CONSIDERED APPROXIMATE SKING EXCAVATION, THE EXACT LOCATION OF UNDERGROUND EXCAVATION, THE EXACT LOCATION OF UNDERGROUND FRATIPES CANNOT BE ACTUAL TO THE EXACT LOCATION OF UNDERGROUND FRATIPES (AND EXCAVATION AND PRIJABLY AND RELIABLY DEPOTATION OF UNDERGROUND FRATIPES, NOT EVIDENCED BY ACCORDANCE WITH THE PROSENCE OF THE PLOTTED AS A COMPILATION OF

LEGAL NOTES

CONSTRUCTION ON THIS LAND IS SUBJECT TO ANY EASEMENTS, RIGHTS-OF-WAY, RESTRICTIONS, RESERVATIONS, OR OTHER LIMITATIONS WHICH MAY BE REVEALED BY AN EXAMINATION OF THE TITLE.

GROVE STREET REALTY TRUST ALBERT G. LEWS, TRUSTEE 7 UNCAS BROOK ROW FRANKLIN, MA 02038

DEED BOOK 10619 PAGE 541 PLAN NO. 495 OF 1994 PLAN BK. 423 A.M. 306 LOT 1

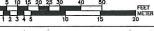
APPLICANT

OLIMER EDOUARD FRANKLIN, MA 02038

FRANKLIN BREWING COMPANY LIMITED SITE AND SPECIAL PERMIT PLAN 158 GROVE STREET FRANKLIN

	MASSACHUSETTS				
1	FEBRUARY	21.	202		

	VOINT NI, NONO
DATE	REVISION DESCRIPTION
٠.	
	· ·
	GRAPHIC SCALE: 1"=20'





55 WEST CENTRAL ST. PH. (508) 528-3221 FXANKLIN, MA 02038 FX. (508) 528-7921 www.gandhengineering.com

JOB NO. F4280 1 OF 1

SHEET

BECEINED 180 \$ \$ 1- HAM 0505

TOWN OF FRANKLIN



TOWN OF FRANKLIN

DEPARTMENT OF PUBLIC WORKS

Franklin Municipal Building 257 Fisher Street Franklin, MA 02038-3026

March 12, 2020

Mr. Anthony Padula, Chairman Members of the Franklin Planning Board 355 East Central Street Franklin, MA 02038

RE: Limited Site Plan Modification/Special Permit Modification – #158 Grove St

Dear Mr. Chairman and Members:

We have reviewed the submitted materials for the subject project and do not have any comments as the proposal is limited to interior work only and there is no exterior site work proposed at this time.

Should you have any questions or require additional information, please do not hesitate to contact me.

Sincerely,

Michael Maglio, P.E. Town Engineer



FRANKLIN PLANNING & COMMUNITY DEVELOPMENT

355 EAST CENTRAL STREET, ROOM 120 FRANKLIN, MA 02038-1352 TELEPHONE: 508-520-4907

MEMORANDUM

DATE: April 29, 2020

TO: Franklin Planning Board

FROM: Department of Planning and Community Development

RE: 158 Grove Street

Special Permit & Site Plan Modification

The DPCD has reviewed the above referenced Site Plan application for the Monday, May 4, 2020 Planning Board meeting and offers the following commentary:

General:

- The applicant seeks a Special Permit and Site Plan Modification to expand the Brewery and Tasting room at 158 Grove Street.
- The following letters have been received:
 - Letter dated March 12, 2020 from the Town Engineer
- Special Permit findings are included in the application and are provided with the application in the notebook.

Comments:

- 1. The Applicant is proposing to expand the footprint by 1,440 sq/ft, giving the Brewery with Tasting area a total of 4,440 sq/ft. The tasting room allowed to be 25% of the total footprint. The Applicant is proposing a tasting room of 1,110, which is 25% of the total area.
- 2. The Applicant is requesting to allow live entertainment. The applicant has provided a proposal for the entertainment.
- 3. The Applicant is requesting to extend the hours of operation, by adding Tuesday evenings 4:30PM- 10:00PM.



APPLICATION FOR APPROVAL OF A SITE PLAN (LIMITED) AND SPECIAL PERMIT(S)

To the Franklin Planning Board:

Permit(under the Special	s) for 158 GROVE STREET 46 OLIVIER EDUCED and requests approval for the provisions of the Zoning By-Laws of the Town of Franklin covering Site Plans and Permits.				
1.	Name of Applicant: Franklin Brewing Company LLC, c/o Olivier Edouard				
	Address of Applicant: 8 Brian Road Franklin, MA. 02038				
	Phone No.: 617.650.5914 Email: Olivier.l.edouard@gmail.com				
2.	Name of Owner (if not the Applicant): Grove Street Realty Trust				
	Address of Owner: 7 Uncas Brook Row, Franklin, MA.				
	Phone No.: 781.551.8888 ex.16 Email: dl@athenticre.com				
3.	Name of Engineer: Guerriere & Halnon, Inc. Address of Engineer: 55 West Central St. Franklin, MA. 02038				
	Address of Engineer: 55 West Central St. Franklin, MA. 02038				
	Phone No.: 508.528.3221 Email: acavaliere@gandhengineering.com				
1.	Deed of Property recorded with Norfolk Registry of Deeds in Book 10619, Page 514, (or Certificate of Title No)				
2.	Location and Description of Property: Existing building located on Grove Street. Stand alone single story industrial/flex property situated on approx. 1 acre built in 1997.				
	on approx. Tacle built in 1997.				
	Zoning District: Industrial Zone				
	Assessor's Map: 306 Lot: 1				
	Square Footage of Building(s): 7200				
	Impervious Coverage of Existing Upland: 25,901 sf. (60.1%)				
3.	Purpose of Site Plan: Change in Use- Expanding leased area an additional 1,440 sf. (formerly RT Engineering Warehouse)				
4.	Special Permit(s) Requested: To expand the square footage of the Tasting Room., complying with the Certificate of Vote allowing a maximum seating of 39 seats per the Board of Health				

 Special Permit Criteria: please provide on a separate document, written findings for special permit criteria a-g for each special permit being requested. Criteria are listed below. Applications will not be accepted until findings are submitted.

Chapter 185, Section 45.E

- (3). Findings. Special permits shall be granted by the special permit granting authority only upon its written determination that the proposed use will not have adverse effects which overbalance its beneficial effects on either the neighborhood or the Town, in view of the particular characteristics of the site and of the proposal in relation to that site. This determination shall be in addition to the following specific findings:
- (a) Proposed project addresses or is consistent with neighborhood or Town need.
- (b) Vehicular traffic flow, access and parking and pedestrian safety are properly addressed.
- (c) Public roadways, drainage, utilities and other infrastructure are adequate or will be upgraded to accommodate development.
- (d) Neighborhood character and social structure will not be negatively impacted.
- (e) Project will not destroy or cause substantial damage to any environmentally significant natural resource, habitat, or feature or, if it will, proposed mitigation, remediation, replication, or compensatory measures are adequate.
- (f) Number, height, bulk, location and siting of building(s) and structure(s) will not result in abutting properties being deprived of light or fresh air circulation or being exposed to flooding or subjected to excessive noise, odor, light, vibrations, or airborne particulates.
- (g) Water consumption and sewer use, taking into consideration current and projected future local water supply and demand and wastewater treatment capacity, will not be excessive.

	excessive.	
6.	Other issues requiring Planning B	Board Consideration:
7.	A certified list (by Office of the A submitted with the application.	Assessors) of abutters within 300 feet of the site is also
	Certificate of Ownership.	Print Name of Applicant A L Lew's Print Name of Owner
Signa	ature of Owner	

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CERTIFICATE OF OWNERSHIP

I the undersigned Applicant, do hereby certify to the Town of Franklin, through its Planning Board, that all parties of interest to the below-listed plan are identified in Section B: below,

SECTION A:			
Type of Plan (circle one) ANR 81-P; Preliminary Subdivision Definitive Subdivision.; Limited Site Plan; Special Permit			
Title of Plan: FRANKLIN BREWING COMPANY LIMITED SITE PLAN Date of Plan: FEB. 21, 2020 Assessor's Information: A.M. 306 Lot 1 Prepared by: Guerriere & Halnon, Inc. Applicant Name & Address: Franklin Brewing Company LLC 8 Brian Road Franklin, MA 02038 SECTION B: Name of Record Owner(s): Grove Street Realty Trust			
Name of Record Owner(s):7 Uncas Brook Row			
Franklin, MA 02038			
**Attach Property Deed matching the owner name's listed above.			
*If in the name of a Trust, Corporation or Partnership, list the names and addresses of all Trustee(s), Corporate Officer(s) or Partner(s): Albert Lewis and Dee Lewis			
*If in the name of a Trust or Corporation, list the Beneficiary(ies) of the Trust or the Shareholder(s) of the Corporation:			
Al Dee Lewis			
*If in the name of a Trust or Corporation, list the date, county, book and page of recording of the Trust Instrument, or the date and State of incorporation:			

Signature of Owner	Print name of Owner A Lewis Print name of Owner
COMMONWEAL	TH OF MASSACHUSETTS
Morfolk. ss.	20 <u>20</u>
On this _/S day of	20,20, before me, the undersigned notary (name of owner), proved the interesting document in my presence.
	(Official signature and seal of notary) Notary Public:
	My Commission Expires:

Chapter 185, Section 45E Special Permit Criteria Limited Site Plan Modification and Special Permit Franklin Brewing Company, LLC 158 Grove Street Franklin, Massachusetts

RECEIVED

MAR 3 2020

PLANNING DEPT.

Chapter 185, Section 45.E

- (3). Findings. Special permits shall be granted by the special permit granting authority only upon its written determination that the proposed use will not have adverse effects which overbalance its beneficial effects on either the neighborhood or the Town, in view of the particular characteristics of the site and of the proposal in relation to that site. This determination shall be in addition to the following specific findings:
 - (a) Proposed project addresses or is consistent with neighborhood or Town need.
 - A Special Permit and Site Plan for 158 Grove Street with a proposed use to operate a brewery with a tasting room was approved by the Planning Board on July 8, 2019. The intent of the proposed project is consistent with the neighborhood. The intent is to expand the Franklin Brewing Company footprint to the abutting area consisting of approximately 1,440 +/- sf.
 - (b) Vehicular traffic flow, access and parking and pedestrian safety are properly addressed.
 - Vehicular traffic flow, access and parking and pedestrian safety have been property addressed under the previous approval and no exterior improvements are proposed with the expansion.
 - (c) Public roadways, drainage, utilities and other infrastructure are adequate or will be upgraded to accommodate development.
 - No improvements proposed with expansion as the space will be utilized for additional warehouse and production space. Public roadways, drainage, tutilities and other infrastructure are adequate to accommodate the proposed expansion.
 - (d) Neighborhood character and social structure will not be negatively impacted. The Neighborhood character and social structure will not be negatively impacted. The additional footprint will be utilized for storage/warehouse for the brewery.
 - (e) Project will not destroy or cause substantial damage to any environmentally significant natural resource, habitat, or feature or, if it will, proposed mitigation, remediation, replication, or compensatory measures are adequate.

Not anticipated

- (f) Number, height, bulk, location and siting of building(s) and structure(s) will not result in abutting properties being deprived of light or fresh air circulation or being exposed to flooding or subjected to excessive noise, odor, light, vibrations, or airborne particulates.
 - Not anticipated. See live music proposal attached.
- (g) Water consumption and sewer use, taking into consideration current and projected future local water supply and demand and wastewater treatment capacity, will not be excessive.

Increase to water consumption or wastewater use is not anticipated.

F-4280-1

Special Permit Modification Application Operate a Brewery with Tasting Room

For

Franklin Brewing Company, LLC - 158 Grove Street February 27, 2020

Applicant: Franklin Brewing Company, LLC, 8 Brian Road Franklin, Massachusetts Owner: Grove Street Realty Trust, c/o Albert Lewis, 7 Uncas Brook Row, Franklin Massachusetts

Request for Special Permit approval: §185-Use Regulation Schedule Part III 3.13.

To allow by Special Permit Modification to amend the Certificate of Vote that was approved July 8, 2019 by the Planning Board for the Franklin Brewing Company, LLC. On behalf of the Applicant, we are proposing to amend the project description and hours of operation, as well as Special Condition of Approval No. 5 to allow live entertainment under the Amended Special Permit as shown on the Plan entitled: "Franklin Brewing Company Special Permit and Limited Site Plan for Change In Use Plan of Land 158 Grove Street Franklin Massachusetts dated February 21, 2020" prepared by Guerriere & Halnon, Inc. 55 West Central Street Franklin, MA 02038.

SPECIAL PERMIT APPROVAL

Special Permit Approval Requirements under §185-45(E) of the Zoning By-Laws, states in part:

Criteria: Special Permits shall be granted by the special permit granting authority only upon its written determination that the proposed use will not have adverse effects which overbalance its beneficial effects on either the neighborhood or the Town, in view of particular characteristics of the site and of the proposal in relation to that site. This determination shall be in addition to the following specific findings:

- Proposed project addresses or is consistent with neighborhood or Town need. (a) See Attached See Attached Findings – Separate Document
- Vehicular traffic flow, access and parking and pedestrian safety are properly (b) addressed. See Attached Findings - Separate Document
- Public roadways, drainage, utilities and other infrastructure are adequate or will be (c) upgraded to accommodate development. See Attached Findings - Separate Document
- Neighborhood character and social structure will not be negatively impacted. (d) See Attached Findings - Separate Document

- (e) Project will not destroy or cause substantial damage to any environmentally significant natural resource, habitat, or feature or, if it will, proposed mitigation, remediation, replication, or compensatory measures are adequate.

 See Attached Findings Separate Document
- (f) Number, height, bulk, location and siting of building(s) and structure(s) will not result in abutting properties being deprived of light or fresh air circulation or being exposed to flooding or subjected to excessive noise, odor, light, vibrations, or airborne particulates.

 See Attached Findings Separate Document
- (g) Water consumption and sewer use, taking into consideration current and projected future local water supply and demand and wastewater treatment capacity, will not be excessive.

See Attached Findings - Separate Document

WHEREFORE, The Applicant respectfully requests that the Planning Board grant to amend the SPECIAL PERMIT to allow revisions to the project description and hours of operation, as well as Special Condition of Approval No. 5 to allow live entertainment under the Amended Special Permit as shown on the Plan entitled: "Franklin Brewing Company Special Permit and Limited Site Plan for Change In Use Plan of Land 158 Grove Street Franklin Massachusetts dated February 21, 2020" prepared by Guerriere & Halnon, Inc. 55 West Central Street Franklin, MA 02038.

Dated: February 27, 2020

Respectfully Submitted,

amanda X. Caxeline

Amanda K. Cavaliere Office Manager, Franklin Guerriere & Halnon, Inc 55 West Central Street Franklin, MA 02038

(508) 528-3221



Proposal for Live Music Entertainment

Introduction

67 Degrees Brewing is seeking to offer live musical entertainment in its taproom. Musical entertainment at 67 Degrees Brewing taproom will enhance the experience of our patrons which has become a staple of breweries across New England and around the country. The light instruments that will be used will produce minimal noise impact to abutters due to 67 Degrees Brewing's: 1) location; 2) hours of operation; and 3) instituting noise management policies and procedures.

Location

67 Degrees Brewing is located on a major roadway in the Industrial District where there are no abutting residences in the area but only industrial properties. The nearest residential property is located more than 2600 feet in either direction from 67 Degrees Brewing. As such, noise emanating from 67 Degrees Brewing will not have detrimental impacts on abutters.

Sound from a non-amplified acoustic guitar is 80 decibel (DB) which is similar to a telephone dial tone, hence it is very unlikely anyone would be able to hear or discern sound coming from the brewery.

Hours of Operation

67 Degrees Brewing's peak business hours will take place outside of the ordinary business hours of the surrounding businesses. 67 Degrees Brewing's business hours are the following:

Tuesday -Friday: 4:30pm - 10pm

Saturday: 12pm – 10pm Sunday: 12pm – 7pm

Weekday performances will typically begin after 5pm, further reducing the impact of noise emanating from the property.

Noise Management Policies and Procedures

Though 67 Degrees Brewing is not located in close proximity to other residential properties, 67 Degrees Brewing will take measures to ensure that the noise level at the facility is reasonable. The maximum noise level for a modern acoustic guitar is around 80 decibels (dB) (Robinson, 2008). The noise level of a singer singing loudly is 70dB, a piano approximately 70dB, and violin around 72dB (Eastern Kentucky University, 2018).

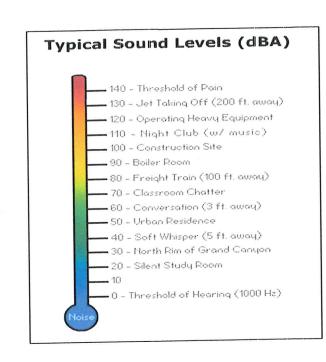
Multiple sound sources may increase the noise level created, depending on the number of sources, their relative volume, and the ambient area. (Engineering Toolbox, 2003).

For example, music or sound in a metropolitan or downtown area are amplified at a greater level due to vehicular traffic, wind, surrounding activities, etc. than in a contained venue like a brewery, restaurant, or warehouse.

The figures below illustrate typical noise levels and demonstrate how the noise level of multiple sound sources is calculated (Engineering Toolbox, 2003).



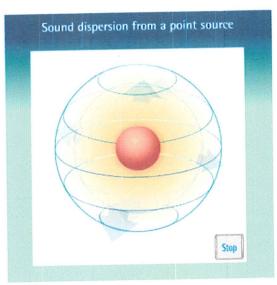
Number of Sources	Increase in sound Power Level
2	3
3	4.8
4	6
5	7
10	10
15	11.8



For example:

Adding the noise level of a piano (70 dB), a singer (70 dB) and an acoustic guitar (80 dB) would yield a total noise level of 80.8 dB.

Sound level decreases with distance meaning the decibel level decreases as the sound travels away from its source; this reduction is called attenuation (See figure below). A noise level emanating from a point source decreases by 6 dB per doubling of a distance away from its source. Hence a 80.8 noise level would decrease 3 dB every 100 feet from it source.



Further, the Massachusetts Department of Environmental Protection by code requires all commercial buildings mitigate a noise source by 10 dB at the nearest residence or building.



To put it simply, it would be nearly impossible for light live entertainment to cause any noise nuisance to nearby businesses or neighbors.

67 Degrees Brewing proposes to implement the following policies pertaining to live musical performances:

- All musical acts will stop performing by 9:30, 30 minutes before the proposed closing hour of 10:00pm.
- All necessary permits for live entertainment will be obtained through Town Administration and all live musical performances will abide by the Town's noise ordinance.

In conclusion, we kindly ask the Planning Board to allow live musical entertainment because it will produce minimal impact on abutters due to 67 Degrees Brewing's: 1) location; 2) hours of operation; and 3) noise management policies and procedures.



REFERENCES

Massachusetts Department of Environmental Protection; Local Regulation of Dust, Nose, Odor, Smoke; <a href="https://www.mass.gov/lists/massdep-air-quality-policies-guidance#local-regulation-of-dust,-noise,-odor-&-smoke-smo

Noise Sources and Their Measurement

https://www.who.int/docstore/peh/noise/Comnoise-2.pdf

OSHA; How loud is too loud; https://www.osha.gov/SLTC/noisehearingconservation/loud.html
Yale University; Decibel level comparison Chart; https://ehs.yale.edu/sites/default/files/files/decibel-level-chart.pdf

Robinson, Jacob. "Good Vibrations: A Study of Sound Pressure as a Function of Strum Force in Acoustic Guitars." Brigham Young University, 2008

School of Music, Eastern Kentucky University. "EKU Music Health and Safety Manual." Eastern Kentucky University, 2018

Engineering Toolbox. (2003). Adding Decibels. https://www.engineeringtoolbox.com/adding-decibeld 63.html

Center for Hearing and Communication. (2018). Common Environmental Noise Levels https://chchearing.org/noise/common-environmental-noise-levels/

Town of Franklin



The following notice will be published in the Milford Daily Newspaper on Monday, March 23, 2020 and again on Monday, March 30, 2020

FRANKLIN PLANNING BOARD PUBLIC HEARING NOTICE

In accordance with the Town of Franklin Zoning By-Laws, the Franklin Planning Board will hold a public hearing on **Monday**, **April 6**, **2020** at **7:15 PM** in the Town Council Chambers of the Franklin Municipal Building, 355 East Central Street, for a Special Permit & Site Plan Modification application titled "Franklin Brewing Company, LLC" prepared and submitted to the Franklin Department of Planning & Community Development on March 3, 2020 by Franklin Brewing Company, 8 Brian Road, Franklin, MA 02038.

The site is located at 158 Grove Street in the Industrial Zoning District (Assessors Map 306, Lot 001). The purpose of the Site Plan Modification and Special Permit is to increase the square footage by 1,440 sq/ft under §185 Attachment 4, Use Regulations Schedule Part III, Section 3.13 – Brewery with Tasting Room.

Copies of the plan and supporting documentation may be reviewed in the Department of Planning & Community Development during regular office hours.

<u>Please note:</u> This will be your only written notice of this public hearing. Should the Planning Board vote to continue this Public Hearing, the date and time will be posted on the Planning Board's website under Agendas.

Please contact the Department of Planning & Community Development at (508) 520-4907 if you require further information or if you need to make arrangements to provide translation services for the hearing impaired, or for persons with language barriers.

Anthony Padula, Chairman

SIDHU KANWARJIT S SIDHU SURINDERPAL 1411 MILLER RD CORAL GABLES, FL 33146-2307

RCG KENWOOD LLC C/O REGENCY WAREHOUSE 5 KENWOOD CIR FRANKLIN, MA 02038

KENWOOD PROPERTIES LLC 63 CENTRE ST DOVER, MA 02030

LEWIS ALBERT G, TR GROVE STREET REALTY TRUST 7 UNCAS BROOK ROW FRANKLIN, MA 02038

HENNEP PROPERTIES LLC 200 BROOKLINE AVE #508 BOSTON, MA 02215

CHARLEY2017 LLC 7 MYRTLE ST NORFOLK, MA 02056

TRPF 157 165 GROVE ST LLC C/O TH REAL ESTATE 730 THIRD AVE 4TH FLOOR NEW YORK, NY 10017

161 GROVE LLC 13 WHEELING AVE WOBURN, MA 01801

TRPF 157 165 GROVE STREET C/O TH REAL ESTATE 730 THIRD AVE 4TH FLOOR NEW YORK, NY 10017

SITE DEVELOPMENT PLANS

FOR

176- 210 GROVE STREET FRANKLIN, MA

FEBRUARY 14, 2020

SHEET INDEX				
SHEET No.	DESCRIPTION	LATEST REVISED DATE CONSTRUCTION REVISIONS		
1	COVER SHEET			
2	OVERALL LAYOUT PLAN			
3	EXISTING CONDITIONS PLAN			
4	LAYOUT PLAN			
5	GRADING PLAN			
6	SEWER, DRAIN PLAN			
7	UTILITY PLAN			
8	DETAIL SHEET			
9	DETAIL SHEET			
10	DETAIL SHEET			



LOCATION MAP

OWNER/APPLICANT:

MCP III 176 GROVE LLC & MCP III 210 GROVE LLC 260 FRANKLIN STREET, STE 620 BOSTON, MA 02110

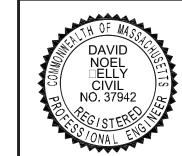
CIVIL ENGINEERS:

KELLY ENGINEERING GROUP, INC. O CAMPANELLI DRIVE BRAINTREE, MA 02184

LANDSCAPE ARCHITECT:

HAWK DESIGN INC. P.O. BOX 1309 SANDWICH, MA 02563





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176— 210 GROVE STREET
FRANKLIN, MA

■ KELLY ENGINEERING GROUP

KELLY ENGINEERING GROUP civil engineering consultants O Campanelli Drive, Braintree, MA 02184 Phone: 781-843-4333 www.kellyengineeringgroup.com

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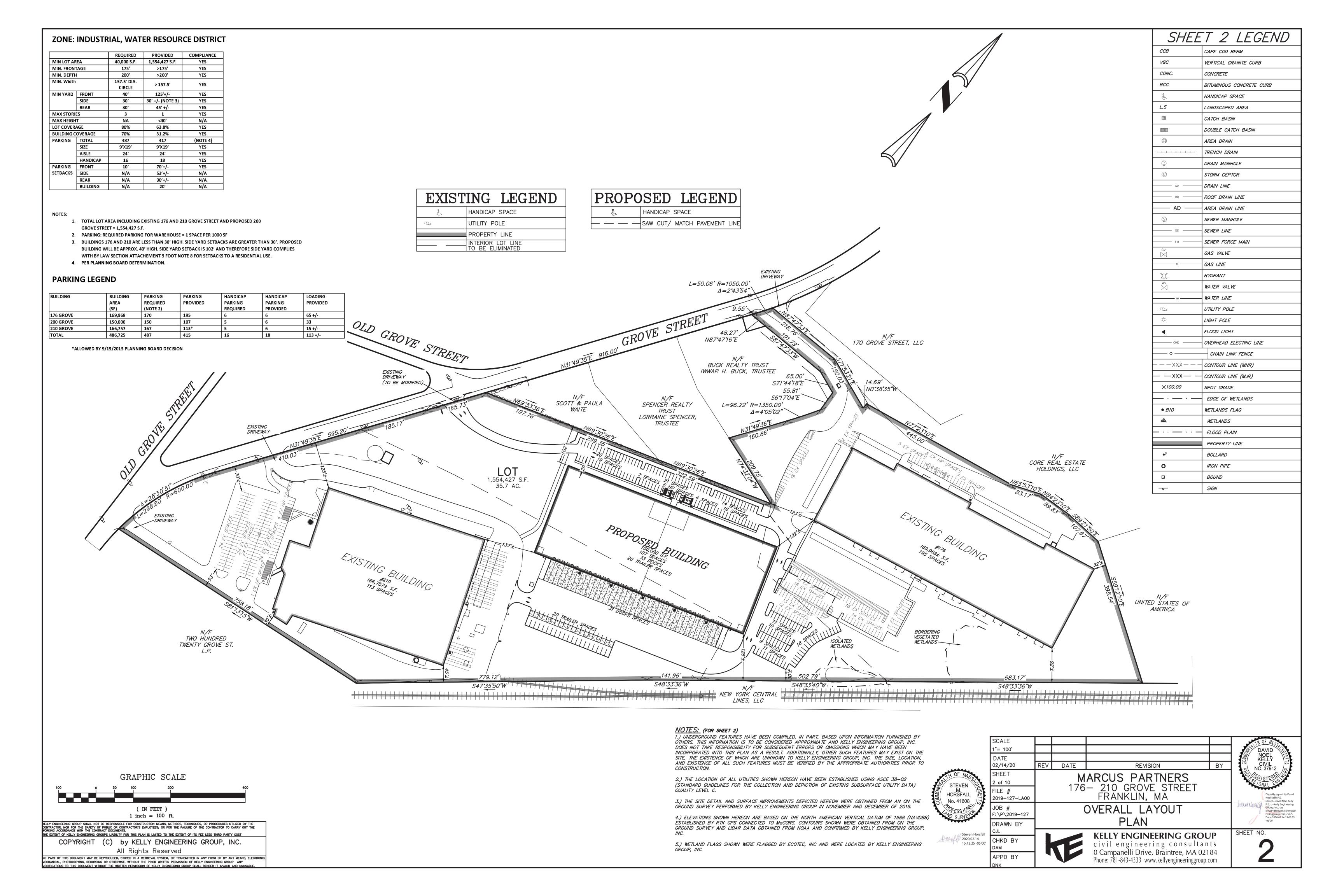
CELLY ENGINEERING GROUP SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, OR PROCEDURES UTILIZED BY THE CONTRACTOR, NOR FOR THE SAFETY OF PUBLIC OR CONTRACTOR'S EMPLOYEES; OR FOR THE FAILURE OF THE CONTRACTOR TO CARRY OUT THE WORKING ACCORDANCE WITH THE CONTRACT DOCUMENTS.

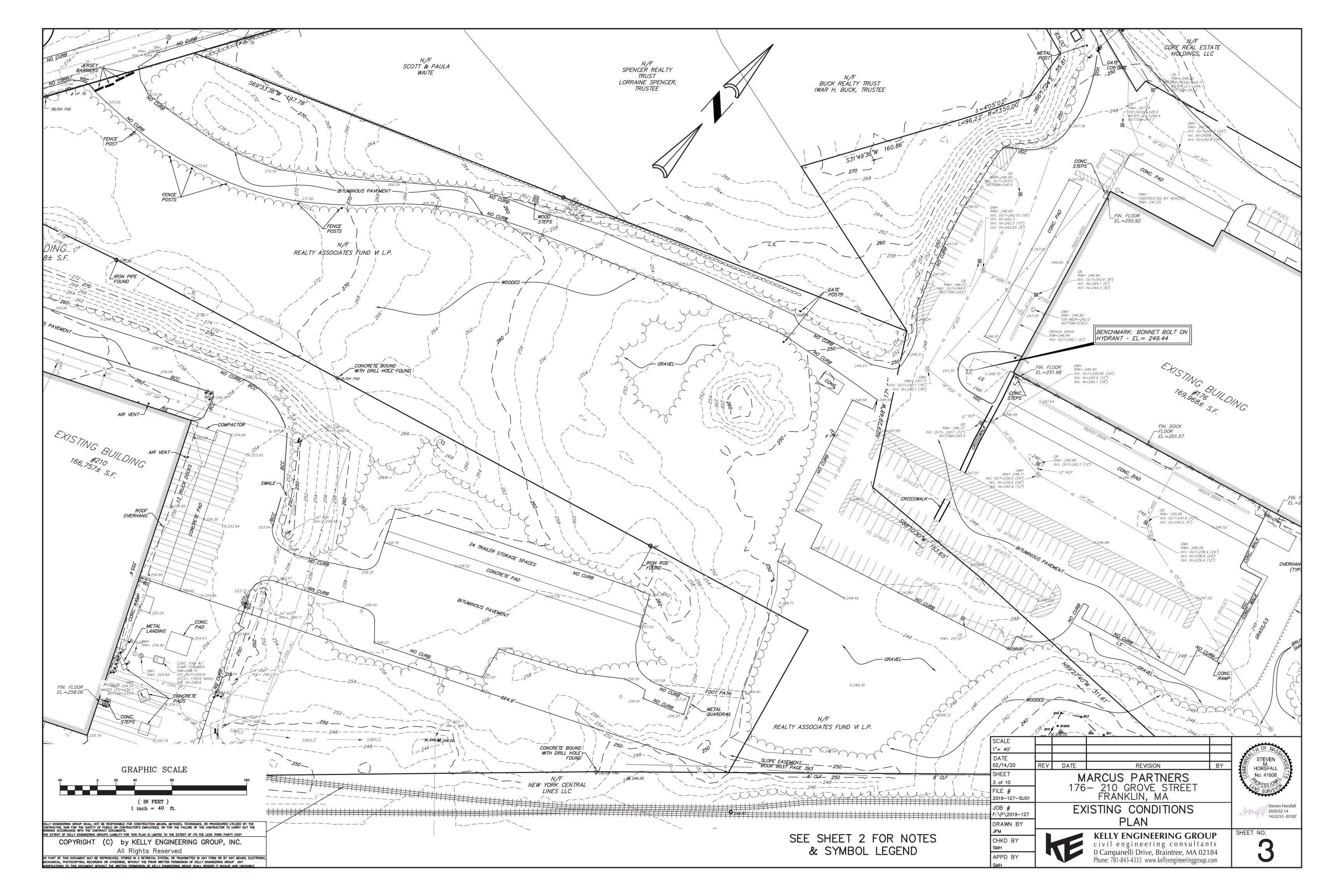
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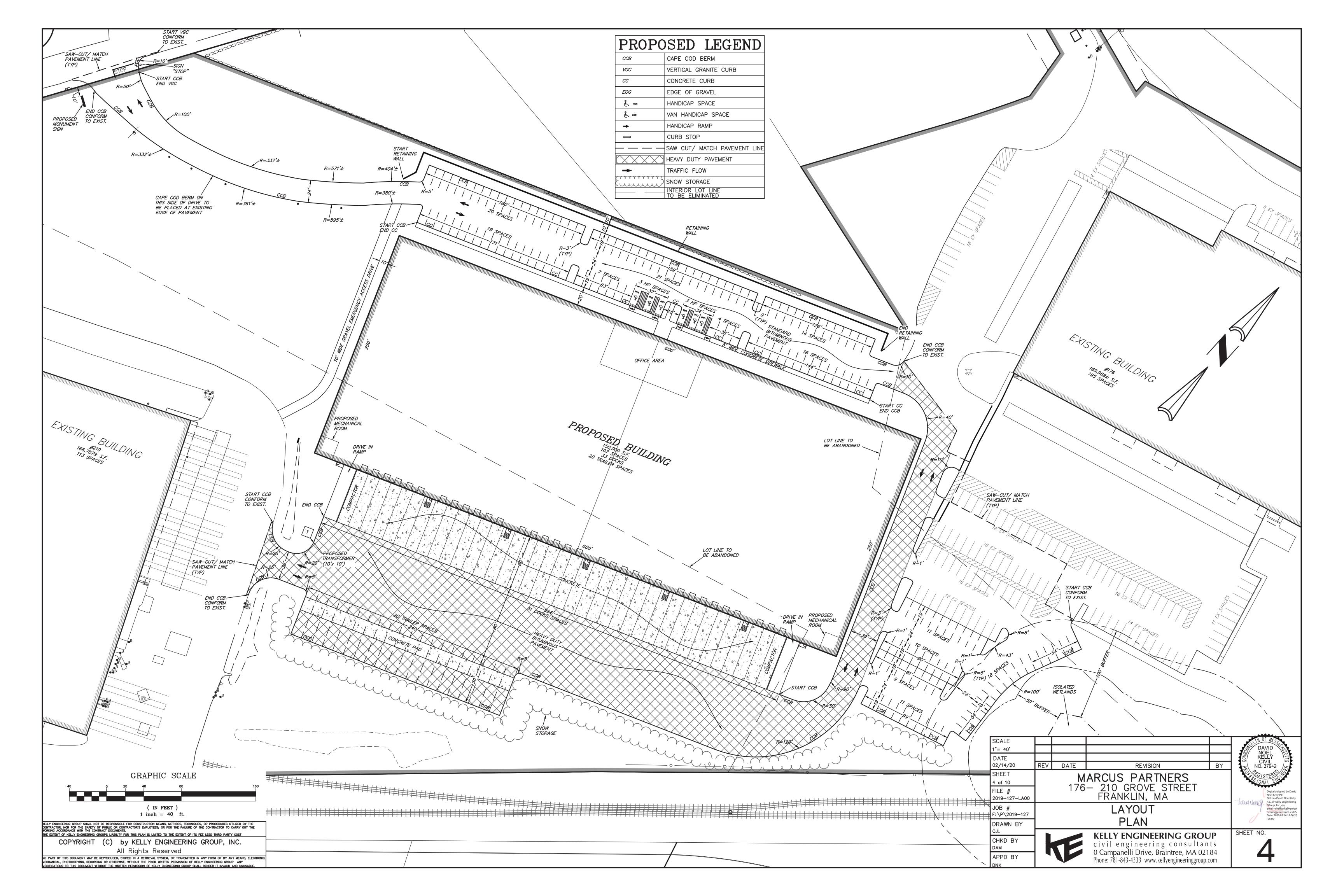
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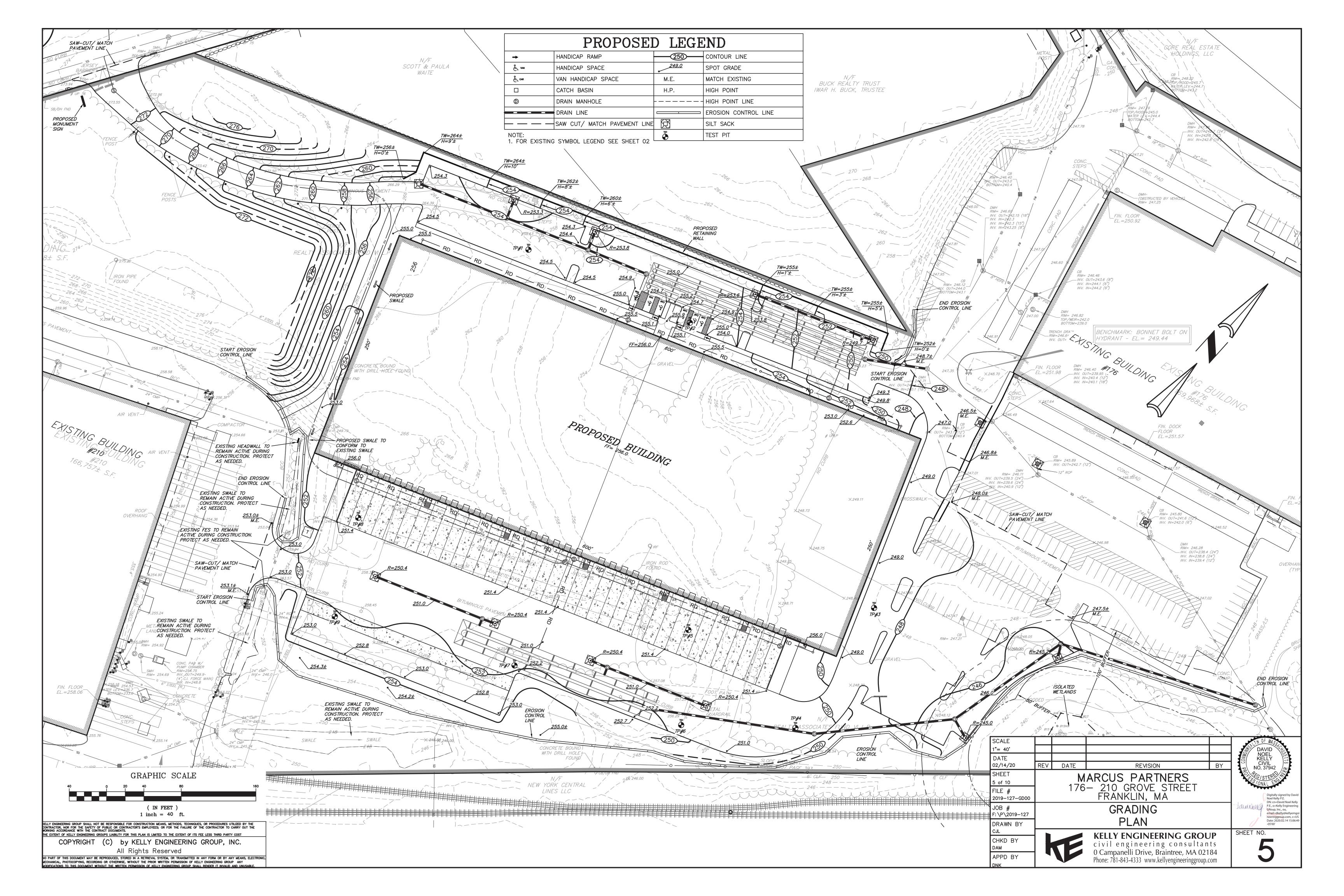
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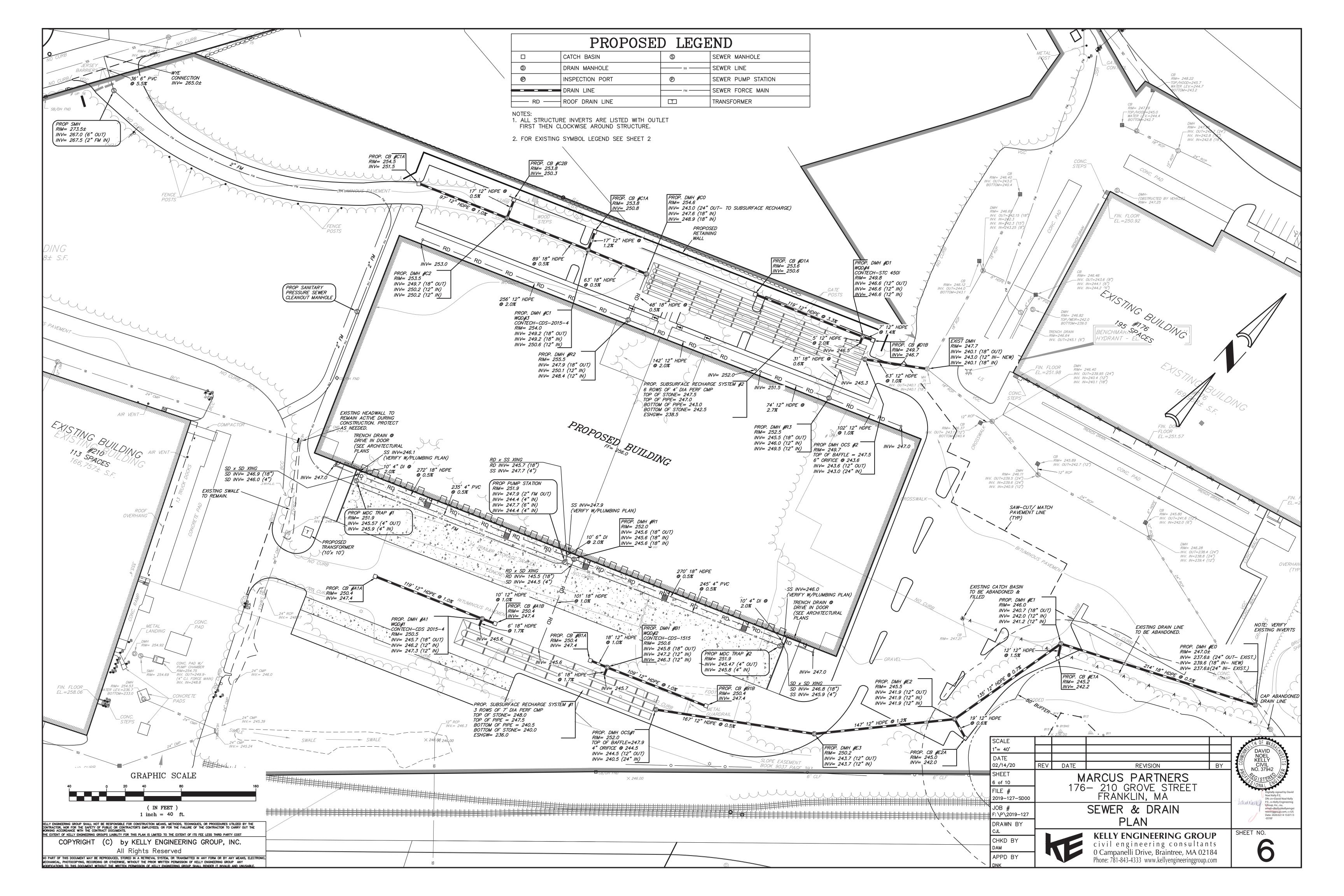
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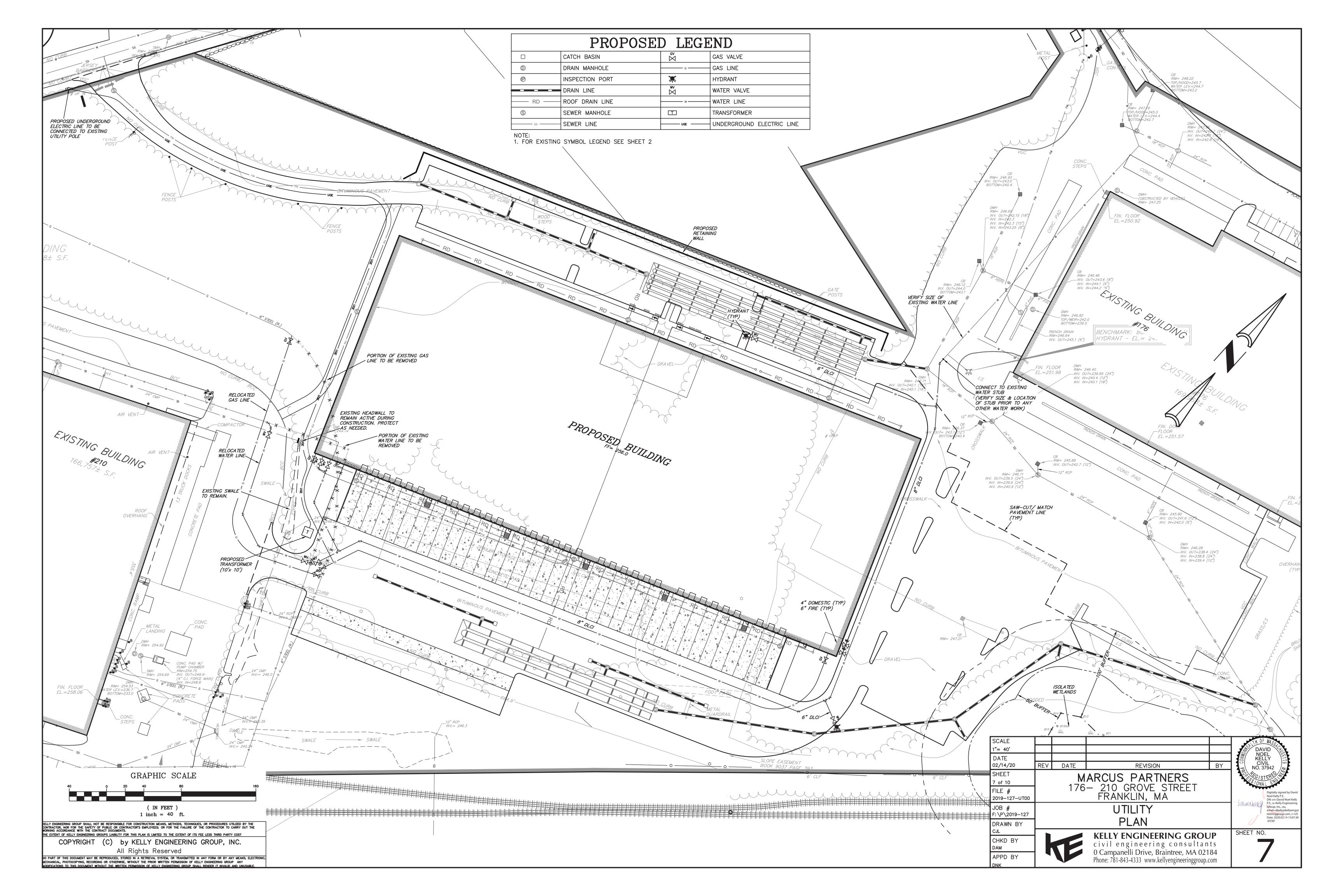


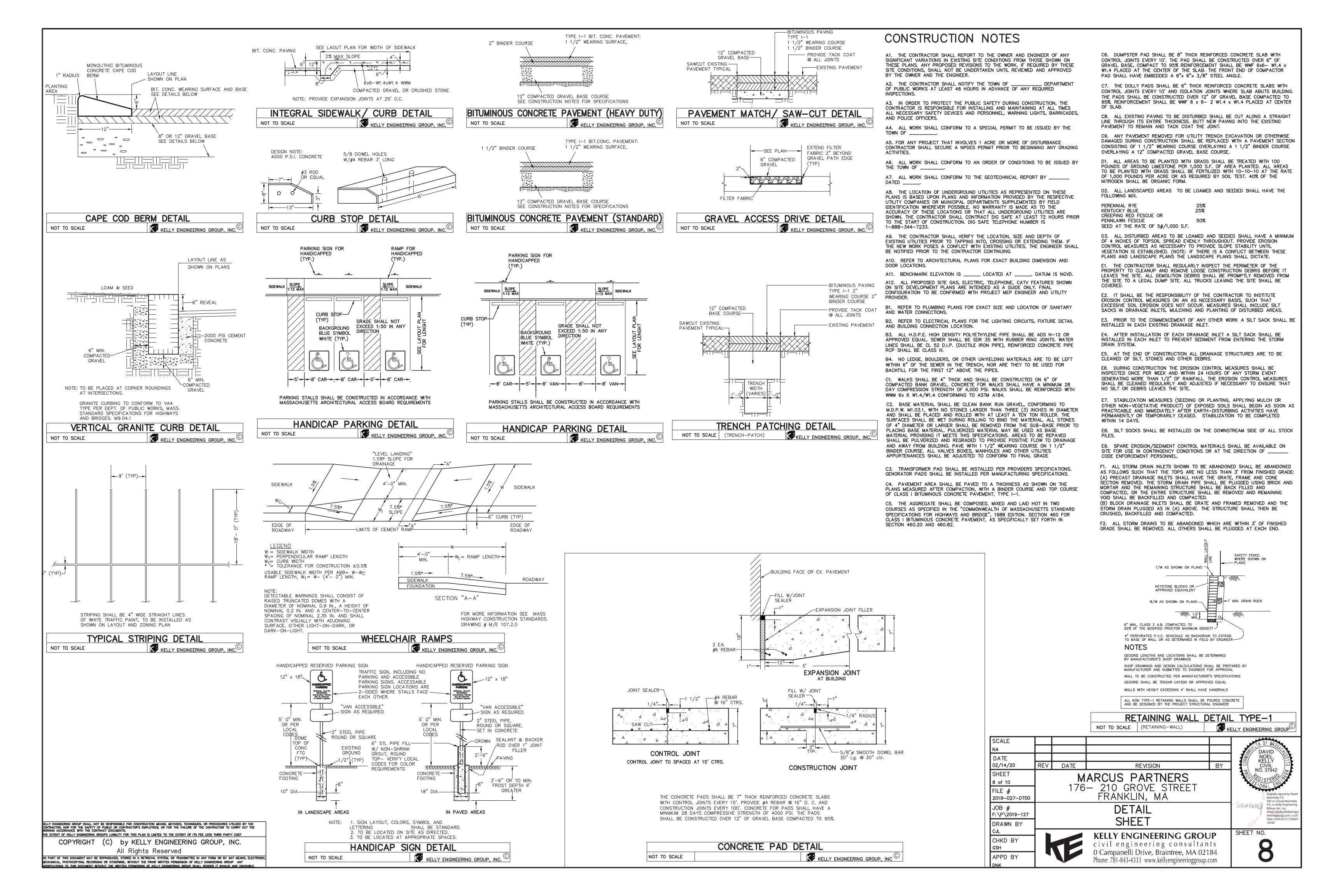


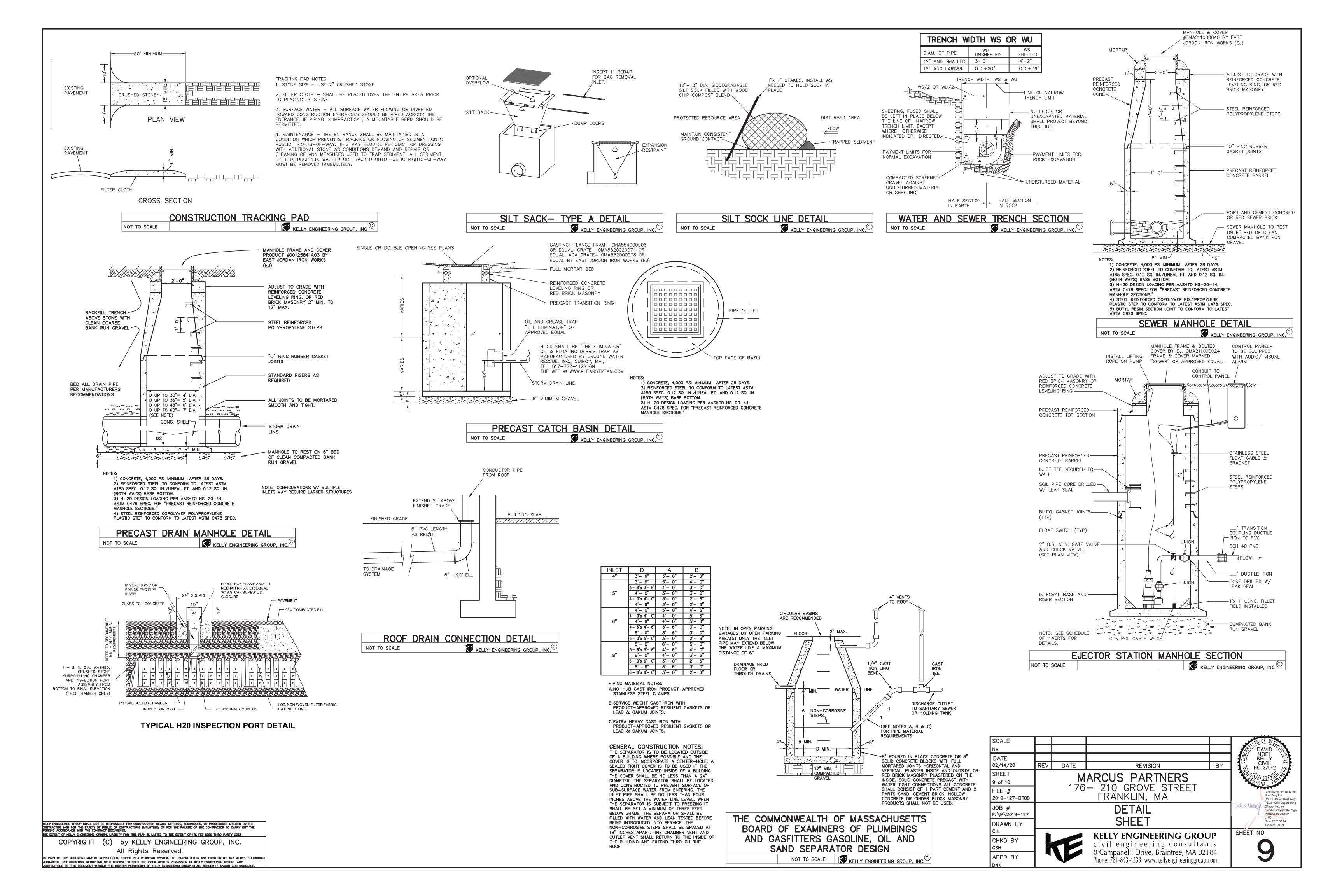


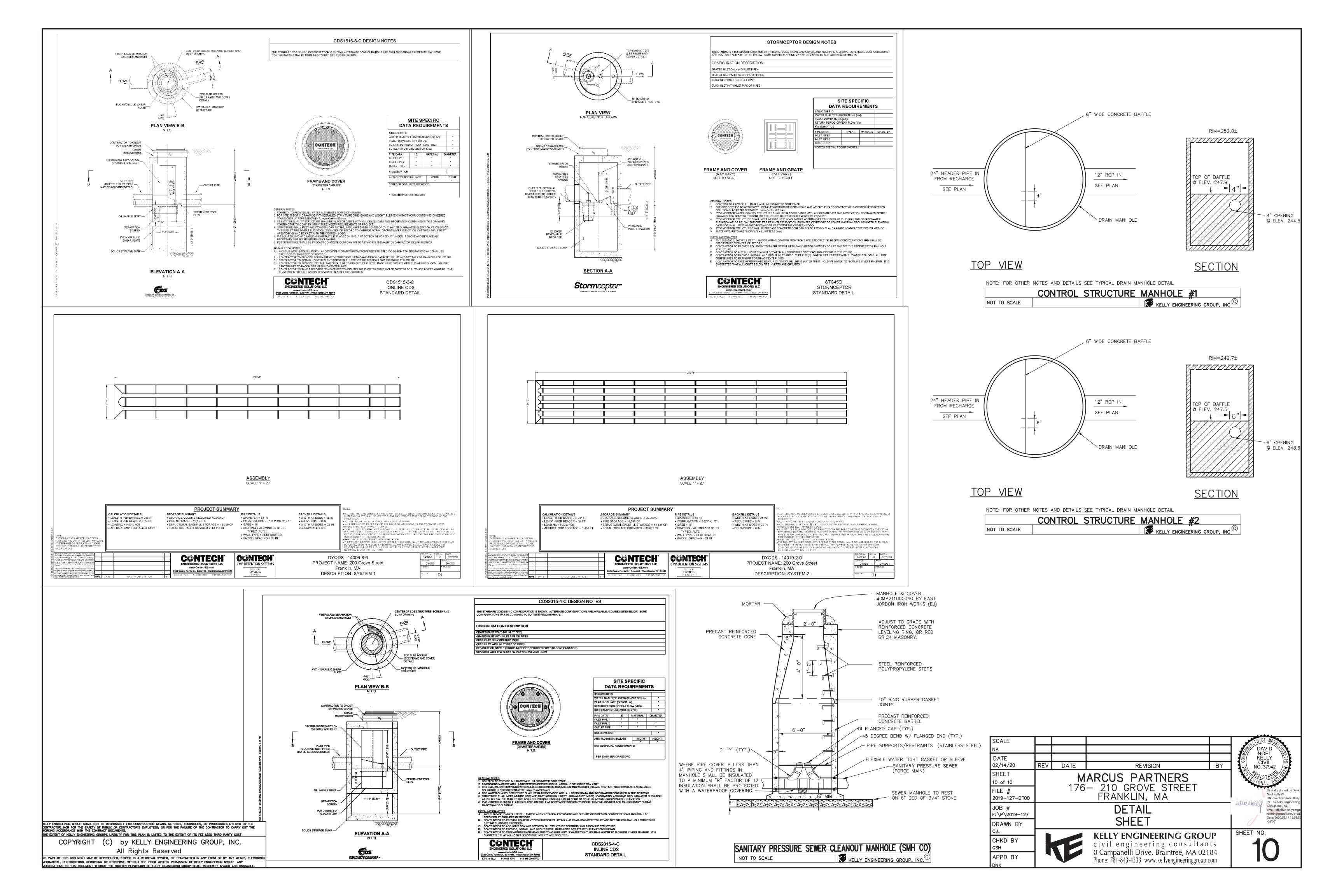














March 27, 2020

Mr. Anthony Padula, Chairman 355 East Central Street Franklin, MA 02038

Re: 176 – 210 Grove Street Site Plan Peer Review

Dear Mr. Padula:

BETA Group, Inc. is pleased to provide engineering peer review services for the proposed Site Plan Approval application, "176-210 Grove Street" in Franklin, Massachusetts. This letter is provided to outline findings, comments, and recommendations.

BASIS OF REVIEW

The following documents were received by BETA and formed the basis of the review:

- Plans (10 Sheets) entitled Site Development Plans for 176 210 Grove Street, Franklin, MA, dated
 February 14, 2020, prepared by Kelly Engineering Group, Braintree, MA
- Lighting Plan, dated February 12, 2020, prepared by Robert J. Lindstrom
- Stormwater Management Report, dated February 14, 2020, prepared by Kelly Engineering Group

Review by BETA included the above items along with the following, as applicable:

- Site Visit
- Zoning Chapter 185 From the Code of the Town of Franklin, current through October 2019
- Zoning Map of the Town of Franklin, Massachusetts, attested to April 30, 2019
- Stormwater Management Chapter 153 From the Code of the Town of Franklin, Adopted May 2, 2007
- Subdivision Regulations Chapter 300 From the Code of the Town of Franklin, current through January 1, 2016
- Wetlands Protection Chapter 181 From the Code of the Town of Franklin, dated August 20, 1997
- Town of Franklin Best Development Practices Guidebook, dated September 2016

INTRODUCTION

The project site consists of two lots totaling 35.7± acres located at 176 and 210 Grove Street in the Town of Franklin (the "Site"). The Town of Franklin Assessor's office identifies the parcels as Lots 311-001 and 311-002. The Site is located within the Industrial zoning district, Biotechnology Overlay District, and mostly within the Water Resources District (Zone II Wellhead Protection Area). Parcels to the south, north, and east are also located in the Industrial district. Parcels to the west are within the Rural Residential I district.

Mr. Anthony Padula, Chairman March 27, 2020 Page 2 of 10

The Site is located in proximity to several wetland resource areas including an unnamed perennial stream, bordering vegetated wetlands, and isolated wetlands. The Site is not located in proximity to an estimated habitat of rare or endangered species or within a FEMA-Mapped 100-year flood zone. NRCS soil maps indicate the presence of Hinkley Loamy Sand with a Hydrologic Soil Group (HSG) rating of A (high infiltration potential) and Urban Land, with no associated HSG rating.

Plans indicate the existing site is currently developed with two industrial buildings, driveways, parking/loading areas, and stormwater management features. The remainder of the site consists of woods, lawn, and wetland areas.

The project proposes to combine the two lots and construct a new 150,000± sq. ft. industrial building with associated reconstructed driveway connection to Grove Street, parking, cape cod berm, integral concrete curb and sidewalk, and lighting. Proposed utilities include gravity and sewer force main, electric, gas, and domestic and fire water services that will be supplied by connecting to existing water services on the Site. Stormwater management is proposed through deep sump catch basins, proprietary water quality units (Contech CDS), and subsurface infiltration basins.

FINDINGS, COMMENTS AND RECOMMENDATIONS

GENERAL COMMENTS

- G1. The project proposes a retaining wall up to 10 feet in height and located adjacent to a property line. Verify that the wall, including any necessary geotextile reinforcement, slope work, or sheeting can be installed/constructed without an easement on the abutting property.
- G2. Revise Construction Notes (Sheet 8) to include missing Town information.
- G3. Confirm the proposed 10-foot wide gravel emergency access drive is acceptable to the Fire Chief.
- G4. Clarify if any external dumpster areas will be required for the new building.

ZONING

The Site is located within the Industrial (I) Zoning District. The proposed use of the Site is identified as industrial and the parking legend indicates that building will be used as a warehouse. Plans also indicate a portion of the building will be used as office space. Warehouses and offices (clerical or administrative) are permitted by right in the district.

Z1. Confirm the proposed office area is for clerical or administrative purposes.

Schedule of Lot, Area, Frontage, Yard and Height Requirements (§185 Attachment 9)

The Zoning Legend notes indicates that the two subject parcels are to be combined into a single lot. The combined lot will meet the requirements for lot area, frontage, lot depth, lot width, front, rear, and side yards, building height, and impervious coverage. Greater than one principal building is permitted on a single lot in accordance with §185-11.

SCH1. Clarify the interior lot line depicted on the 176 Grove Street Site, which is not shown on available online records.



PARKING, LOADING AND DRIVEWAY REQUIREMENTS (§185-21)

The existing Site includes four paved access driveways. There are two active driveways for the 210 Grove Street parcel and one active driveway for the 176 Grove Street parcel. The fourth driveway is located on the 176 Grove Street parcel, is inactive, and is currently blocked at Grove Street. The project proposes to reconstruct the inactive driveway with new pavement (24' min.) and cape cod berm and bring it into active use. New paved areas will be installed around the proposed building for use as parking and access (24' min.). These new areas will also connect the two parking areas currently separated under the existing layout.

The proposed layout includes 417 total parking spaces (excluding loading areas and trailer parking), with 166 new spaces and 251 retained spaces. Proposed parking spaces are depicted as 19' long and 9' wide. Eighteen spaces are designated as accessible with associated 5' or 8' wide access aisles and signing. In addition, 31 new spaces are proposed for use at loading docks and 20 are proposed for trailer parking.

Section §185-21.B.(2) describes the number of parking spaces required for nonresidential uses in the Industrial District. For warehouses, 1 space must be provided per every 1,000 sq. ft. of gross floor area. For a total building area of 486,725 sq. ft., a minimum of 487 parking spaces are required. In accordance with the Americans with Disabilities Act (ADA), the required number of accessible parking spaces are provided at each building.

- P1. Resolve discrepancy between total number of parking spaces numbered on 176 Grove Street parcel (197) and that shown on Parking Legend (195).
- P2. Revise Typical Striping Detail to indicate a parking stall length of 19'.
- P3. The parking calculations are based solely on the total building footprint as a warehouse; however, a portion of the building is intended to be used as an office. BETA defers to the Zoning Enforcement Officer to determine the application of §185-21.B.(3)(b).
- P4. The plans indicate 107 parking spaces will be provided for the new building and that 150 are required. Provide the required number of parking spaces or request a waiver in accordance with §185-21.A.(4). BETA notes that in conjunction with comment P4, if the 59 proposed spaces at the 176 Grove Street site are intended to serve the new building, the total number required for the new building will be provided.
- P5. Clarify which building the additional 59 parking spaces on the 176 Grove Street parcel are intended to serve. Approximately 37 of the spaces are located more than 300 feet from the 176 Grove Street building and may not count towards the fulfillment of parking requirements unless approved by the Board (§185-21.C.(6)).
- P6. The inactive driveway proposed for reconstruction/reuse appears to be less than 50' from Old Grove Street (§185-21.C.(7)(a)). Recommend to explore options to relocate the driveway more than 50' from Old Grove Street or relocating it directly across from Old Grove Street.
- P7. Provide calculations for stopping sight distance and intersection site distance at inactive driveway proposed for reuse (§185-21.C.(7)(c)). Based upon BETA's site walk, selective clearing should be provided at the driveway's intersection with Grove Street to increase sight distance.
- P8. Provide tree plantings in accordance with the requirements of §185-21.C.(5).
- P9. Clarify how the temporary loss of parking will be handled on the 176 Grove Street site.



Mr. Anthony Padula, Chairman March 27, 2020 Page 4 of 10

P10. Confirm the required accessible signing and striping are provided at the 210 Grove Street parcel.

INDUSTRIAL DISTRICT PERFORMANCE CONTROLS (§185-22)

All uses in industrial districts must comply with the requirements of this section.

11. Provide general information on anticipated post-development noise, vibrations, and odors.

SIDEWALKS (§185-28)

The project is located within the Industrial Zoning District and is not required to provide sidewalks along the street frontage. There are no existing sidewalks on Grove Street in proximity to the project.

CURBING (§185-29)

The project proposes the use of vertical granite curbing within the Grove Street right-of-way for the reconstructed access driveway and proposes cape cod berm throughout the remainder of new development areas. BETA notes the existing sites have a mixture of vertical granite curb, cape cod berm, or pavement edges with no treatment.

- C1. The Bylaw does not include any provisions for the installation of cape cod berm. At the discretion of the Board revise bituminous curb to be vertical granite or reinforced concrete curbing adjacent to parking areas. BETA defers to the preference of the Board regarding edge treatments along the access driveway.
- C2. Provide turning movement at the driveway proposed for reconstruction/reuse to demonstrate the proposed curb radius is adequate.

SITE PLAN REVIEW (§185-31)

The proposed development is subject to Site Plan Review and must comply with the requirements of this section.

- S1. Indicate assessor's map and parcel identification numbers for subject lots (§185-31.C.(3)(b)).
- S2. Indicate zoning boundaries and land uses on locus map (§185-31.C.(3)(d)).
- Identify areas of the Site within the Water Resource District (§185-31.C.(3)(h)).
- S4. Provide landscaping plan identifying proposed vegetation and existing vegetation to be retained (§185-31.C.(3)(j)).
- S5. At the discretion of the Board, provide quantification of proposed traffic circulation and vehicle trips generated (§185-31.C.(3)(s)).
- S6. Identify limit of work and proposed tree line (§185-31.C.(3)(u)).
- S7. Revise lighting plan to eliminate spillage onto adjacent residential parcels (§185-31.C.(4)(e)). Provide typical details for proposed light poles and luminaires.

SCREENING (§185-35)

The project proposes outdoor parking for 10 or more cars, which must be screened from adjacent residential uses located to the north. No formal screening is proposed; however, parking areas are proposed to be located between 1 and 10 feet below the existing grade and existing vegetation to remain may provide additional mitigation.



L1. The Retaining Wall Detail indicates a safety fence at the top of wall. Recommend to provide a fence that will also serve to screen the parking area, such as a chain-link fence with vinyl slats.

WATER RESOURCES DISTRICT (§185-40)

The Site is located mostly within the Water Resources District due to the presence of a Zone II Wellhead Protection Area.

- WR1. Depict the boundary of the Water Resource District on the plans.
- WR2. Section §185-40.D.(1)(I)(ii)) requires that the proposed groundwater recharge efforts must be approved by a hydrogeologist; however, provided that the stormwater management system is revised to fully comply with the Massachusetts Stormwater Management Standards no adverse impacts to groundwater are anticipated as a result of the project. BETA defers to the preference of the Board to require approval by a hydrogeologist.
- WR3. Clarify if the project proposes the storage of, or will generate any hazardous materials, except as permitted in accordance with §185-40.D.(1)(d).
- WR4. Note that any fill placed in quantity greater than 15 yards must be certified in accordance with §185-40.E.(5).

UTILITIES

Proposed utilities include gravity and sewer force main, electric, gas, and domestic and fire water services that will be supplied by connecting to existing water services on the Site. Gas traps are proposed for interior floor drains at drive in doors. Detailed review of utilities is anticipated to be provided by the DPW and Fire Chief, as applicable.

- U1. Provide a note that all water and sewer utility installations shall be done in accordance with the Town of Franklin Department of Public Works Standards for Sewer and Water Materials and Installation (Town Standards). Also note that where utility installation details conflict with the Town Standards that the Town Standards shall govern.
- U2. Confirm size and material of existing sewer line on Grove Street and existing water lines on the Site.
- U3. Indicate the proposed material for the 2" force main.
- U4. Revise Schedule 40 PVC on Ejector Station Manhole Section detail to SDR 21 PVC, ductile iron, or HDPE, in accordance with the Town Standards. Also, indicate the size of the proposed ductile iron pipe and transition coupling.

STORMWATER MANAGEMENT

The project proposes to direct runoff from impervious areas into new closed drainage systems comprised of roof leaders, deep sump catch basins with hoods, and stormwater quality units (Contech). The majority of runoff from impervious surfaces will be directed to one of two new subsurface infiltration systems. Overflows from the proposed stormwater systems will be directed to an existing drainage system on the 176 Grove Street site.



GENERAL

- SW1. Revise the Runoff Summary and Hydraflow model to clearly define and route flows to design points. Subwatersheds "To Existing 24" RCP," "Woods A," "Woods B," and "To Wetland B" all appear to be directed to "DP#4 Wetland B." Clarify if subwatersheds "To Offsite" should be its own design point or combined with "To Exist. 12" RCP" and directed to "DP #2." Recommend for the Runoff Summary to only include design point information for the 2, 10, and 100-year storm events.
- SW2. Revise proposed HDPE pipe within areas subject to traffic loads to be RCP. Where cover is less than 42" provide Class V RCP (§300-11.B.(2)(a)).
- SW3. Revise details (e.g. Contech) so that all notes are legible.
- SW4. Consider providing double grates at proposed CBC2A, CBA1A, CBA1B, and CBE2A, where calculated flows (3+ cfs) will exceed grate capacities. The designer could also consider a double grate at the sag CBC2B instead of CBC2A.
- SW5. Revise structure labels to identify CBC2A. CBC1A is labeled twice.
- SW6. Confirm the existing drainage systems are adequately sized to accommodate the new closed drainage system flows.
- SW7. Revise the Typical H20 Inspection Port detail to depict the required connection to the perforated CMP that is proposed as part of the project.

MASSACHUSETTS STORMWATER MANAGEMENT STANDARDS:

The proposed development will disturb greater than one acre and is located in proximity to wetland resources; therefore, the project is subject to Chapter 153: Stormwater Management of the Town of Franklin Bylaws and MassDEP Stormwater Management Standards.

No untreated stormwater (Standard Number 1): No new stormwater conveyances (e.g., outfalls) may discharge untreated stormwater directly to or cause erosion in wetlands or waters of the Commonwealth.

The project does not propose any new untreated stormwater discharges to wetlands – **complies with standard.**

Post-development peak discharge rates (Standard Number 2): Stormwater management systems must be designed so that post-development peak discharge rates do not exceed pre-development peak discharge rates.

The project proposes an increase in impervious area and will use two subsurface infiltration systems to mitigate increases in post-development peak discharge rates and total runoff volumes.

- SW8. Provide summary table comparing pre-development and post-development runoff volumes. Runoff volumes may not increase per §300-11.A.(3) and the Best Development Practices Guidebook.
- SW9. A portion of Subwatershed "To Wetland B" is comprised of Gravel. BETA notes that as part of a previously approved Site Plan at 176 Grove Street this area was proposed to be restored with a wildflower mix. In consideration that the previous stormwater design took credit for this restoration, it should be modeled as meadow in the current design.



- SW10. Revise the elevation of the concrete baffle in Control Structure Manhole #1 to 247.95, or include the baffle in the Hydraflow model.
- SW11. Review existing time of concentration calculations. Several flow path lengths do not appear to match those depicted on the plans.

Recharge to groundwater (Standard Number 3): Loss of annual recharge to groundwater should be minimized through the use of infiltration measures to maximum extent practicable.

NRCS soil maps indicate the presence of Hinkley Loamy Sand with a Hydrologic Soil Group (HSG) rating of A (high infiltration potential) and Urban Land, with no associated HSG rating. Test pit logs indicate the presence of sand and loamy sand in proximity to Subsurface Systems 1 and 2 respectively. No mottles were observed in any of the test pits; however, weeping was observed in several test pits, approximately 4 feet below the bottom of the systems. The infiltration systems have been designed to provide a recharge volume in excess of that required and will drain within 72 hrs.

- SW12. Provide a section detail for the proposed subsurface infiltration systems, including pipe and stone (top and bottom) elevations.
- SW13. Clarify the encasement widths for each barrel in the Subsurface Systems. The number of barrels times the encasement width exceeds the total proposed width shown on the details.
- SW14. BETA notes the designer proposes to use corrugated metal pipe for the subsurface infiltration systems. The Board should confirm they find the proposed material acceptable.
- SW15. Provide a correction, such as a Frimpter analysis, for the observed groundwater elevations in proximity to the proposed infiltration systems. If seasonal high groundwater is determined to be within 4 feet of the bottom of the system, and exfiltration is required to mitigate peak flow rates, a mounding analysis is required.
- SW16. Provide an additional test pit within the limits of Subsurface System 2 to confirm soil textures and groundwater elevations. BETA notes that Test Pit #1, in proximity to the system, encountered refusal between approximate elevations 255 and 251.5. The bottom of the proposed system is at elevation 242.5.
- SW17. Subsurface System 1 is proposed at elevation 240.0, approximately 3 feet below the bottom of the test pits conducted in proximity to the system. Provide additional subsurface information to confirm soils are suitable and there is adequate separation to groundwater or consider raising the system. If additional soils information cannot be provided due to required depth of excavation, BETA recommends the Board include a condition of approval requiring the additional information to be provided at the start of construction.
- SW18. Review the calculated recharge volume, based on an impervious increase of 167,000 sq. ft. Review of the proposed plans as well as the Hydraflow analysis indicates a significantly higher impervious increase, estimated at approximately 227,000 sq. ft. The confirmed impervious increase should be updated throughout the Stormwater Report.
- SW19. Confirm the provided recharge volume of Subsurface System 1 indicated in the Recharge System Calculations.



Mr. Anthony Padula, Chairman March 27, 2020 Page 8 of 10

80% TSS Removal (Standard Number 4): For new development, stormwater management systems must be designed to remove 80% of the annual load of Total Suspended Solids.

The project proposes to direct runoff from roofs and the majority of new parking areas to new subsurface infiltration systems. Pretreatment for new pavement areas directed to the infiltration systems is proposed in the form of four proprietary stormwater quality units (Contech). The remainder of the parking areas are directed to the existing drainage system on the 176 Grove Street site. A long-term pollution prevention plan was included as part of the Drainage Analysis.

- SW20. Approximately 29,000 sq. ft. of new impervious parking area (located near the southeast corner of the building and part of "To Exist 24" RCP" subwatershed) will be directed to the existing drainage system at 176 Grove Street, which exceeds the amount of existing impervious area replaced (~17,000 sq. ft.) at the northeast corner of the building. Provide the required 80% TSS removal (and 44% pretreatment, if directed to an infiltration system) for the new pavement area. Although a proprietary stormwater unit was installed as part of the previous 176 Grove Street Site Plan construction, the redevelopment portion of the project is required to improve the existing conditions.
- SW21. Given the strict requirements to receive a TSS removal credit for street sweeping, recommend removing this component from the calculations.
- SW22. The TSS removal efficiencies for proprietary treatment devices should be limited to values documented as part of third-party testing (MassSTEP, NJCAT, etc.)
- SW23. The designer has demonstrated that 44% TSS will be removed for discharges to infiltration structures in soils with rapid infiltration rates. Include the infiltration structures in the treatment train to demonstrate the total TSS removal.
- SW24. If the TSS removal rates are calculated to be below 80% prior to infiltration, demonstrate that the infiltration structures can retain the required 1" water quality volume.

Higher Potential Pollutant Loads (Standard Number 5): *Stormwater discharges from Land Uses with Higher Potential Pollutant Loads require the use of specific stormwater management BMPs.*

The project narrative indicates the project qualifies as a Land Use with Higher Potential Pollutant Load (LUHPPL).

- SW25. Revise the narrative to clarify how the project qualifies as a LUHPPL.
- SW26. Revise discrepancy between stormwater narrative and checklist regarding NPDES Multi-Sector Permit.

Critical Areas (Standard Number 6): Stormwater discharges to critical areas must utilize certain stormwater management BMPs approved for critical areas.

The project proposes the use of deep sump catch basins and proprietary stormwater treatment units (Contech) as pretreatment devices and the use of subsurface infiltration systems. The proposed treatment trains are consistent with the recommendations of MassDEP for discharges to Zone II wellhead protection areas.

SW27. Revise the stormwater narrative to indicate the project is within an active public water supply (Zone II).



Mr. Anthony Padula, Chairman March 27, 2020 Page 9 of 10

Redevelopment (Standard Number 7): Redevelopment of previously developed sites must meet the Stormwater Management Standards to the maximum extent practicable.

The project is considered a mixture of new development and redevelopment. Provided that comments are addressed; new development areas will fully comply with the Stormwater Management Standards and redevelopment areas will improve the existing conditions.

Construction Period Erosion and Sediment Controls (Standard Number 8): *Erosion and sediment controls must be implemented to prevent impacts during construction or land disturbance activities.*

The project as currently depicted will disturb in excess of one acre of land; therefore, a Notice of Intent with EPA and a Stormwater Pollution Prevention Plan (SWPPP) are required. The project proposes the use of erosion control barrier (silt sock), catch basin inlet protection (silt sack), and a stabilized construction entrance. The Stormwater Management Report indicates that a SWPPP and construction sequencing plan will be provided when a site contractor is consulted.

- SW28. Depending on the contractor's schedule, the existing catch basin located east of the proposed building may remain in place after the start of land disturbance. Provide a silt sack at this location.
- SW29. Indicate proposed locations for construction tracking pads on the plans.
- SW30. Revise construction tracking pad to a minimum width of 20 feet.
- SW31. Consider supplemental silt socks at the limits of existing pavement adjacent to proposed grading areas to minimize sediment transport.

Operations/maintenance plan (Standard Number 9): A Long-Term Operation and Maintenance Plan shall be developed and implemented to ensure that stormwater management systems function as designed.

A Long-Term Operation and Maintenance (O&M) Plan has been provided.

- SW32. The project proposes to combine two sites with separate stormwater systems and install new stormwater systems for new development. Revise the O&M Plan to cover the entirety of the site, including designating snow storage areas throughout.
- SW33. Remove O&M reference to septic systems.
- SW34. Provide an estimated O&M budget.
- SW35. Based on the proposed use of the site and anticipated frequent truck traffic, a spill kit should be kept on site at all times.

Illicit Discharges (Standard Number 10): All illicit discharges to the stormwater management systems are prohibited.

An Illicit Discharge Compliance Statement was included in the Stormwater Management Report.

SW36. Provide a signature on the Illicit Discharge Compliance Statement.

If we can be of any further assistance regarding this matter, please contact us at our office.

Very truly yours,



Mr. Anthony Padula, Chairman March 27, 2020 Page 10 of 10

BETA Group, Inc.

Matthew J. Crowley, PE Project Manager

cc: Amy Love, Planner

Stephen Borgatti Staff Engineer





TOWN OF FRANKLIN

DEPARTMENT OF PUBLIC WORKS

Franklin Municipal Building 257 Fisher Street Franklin, MA 02038-3026

March 20, 2020

Mr. Anthony Padula, Chairman Members of the Franklin Planning Board 355 East Central Street Franklin, MA 02038

RE: Site Plan Modification – 176 & 210 Grove St

Dear Mr. Chairman and Members:

We have reviewed the submitted materials for the subject project and offer the following comments:

- 1. Applications that will need to be filed with the Franklin Department of Public Works may include, but are not necessarily limited to Water and Sewer Permits, Inflow & Infiltration Removal fees, Street Excavation Permits, and a Soil Erosion and Sediment Control Permit.
- 2. There should be only one domestic water line and one fire protection line connection into the proposed building. The domestic water will need to be metered where the line enters the building.
- 3. The plans show cape cod berm along all new paved areas. We note that the Board typically requires vertical curb, either granite or reinforced concrete.
- 4. In addition to peak runoff rates, peak runoff volumes also need to be evaluated to show no increase in post-construction conditions.
- 5. Whereas this site is within a Water Resource District, in accordance with 185-40.E.4, provisions shall be made for all stormwater runoff from impervious surfaces.
- 6. In accordance with Massachusetts Stormwater Standards, 44% pre-treatment shall be provided prior to infiltration BMP's.

Should you have any questions or require additional information, please do not hesitate to contact me.

Sincerely,

Michael Maglio, P.E.

Town Engineer

FRANKLIN PLANNING & COMMUNITY DEVELOPMENT



355 EAST CENTRAL STREET FRANKLIN, MA 02038-1352 TELEPHONE: 508-520-4907 FAX: 508-520-4906

MEMORANDUM

DATE: April 29, 2020

TO: Franklin Planning Board

FROM: Department of Planning and Community Development

RE: 176-210 Grove St

Site Plan Modification

The DPCD has reviewed the above referenced Site Plan Modification application for the Monday, May 4, 2020 Planning Board meeting and offers the following commentary:

General:

- 1. The site is located at 176-210 Grove Street in the Industrial Zoning District (Assessors Map 311 Lots 001 & 002).
- 2. The applicant is proposing to construct 150,000 sq/ft building with parking spaces, drainage and landscaping.
- 3. The following letters have been received from other Town Departments and outside Peer Review;
 - Letter dated March 10, 2020 from J.S. Barbieri, Deputy Fire Chief
 - Letter dated March 20, 2020 from Mike Maglio, Town Engineer
 - Letter dated March 27, 2020 from Matt Crowley, BETA
- 4. Applicant has filed an NOI with the Conservation Commission and is scheduled for a May 28, 2020 Public Hearing.

Comments:

- 1. The Applicant has submitted a traffic analysis and BETA is currently reviewing the analysis.
- 2. Applicant should show the structures on the abutting properties, along with driveway entrances.
- 3. Per Zoning By-Law §185-31 C (3)(k), the applicant has not provided a Landscaping Plan. The Planning Board will need to determine if a landscaping plan is required for this project.
- 4. Per Zoning By-Law §185-12, the applicant has not provided landscaping within 10 feet of the street line. The Planning Board should determine if landscaping is required for this project.

- 5. If there will be a dumpster located on the property, it should be shown, located on a concrete pad and enclosed with a fence.
- 6. The applicant is proposing Bituminous concrete and cape cod berm throughout the site. The Board should determine if the site should be reinforced concrete or granite curbing
- 7. DPCD defers to DPW/Engineering and BETA Group, Inc. to address drainage issues.

Recommendation:

DPCD recommends continuing the public hearing until all outstanding issues are addressed.

To:DPCD

FROM: J. S. BARBIERI, DEPUTY FIRE CHIEF

DATE 10 MARCH 2020

RE: SITE PLAN MODIFICATION-176 & 210 GROVE ST.

Thank you for the opportunity to review the above referenced plan.

The South West corner of the proposed building will be directly over a main water supply for fire suppression at 210 Grove St. This is of great concern to the Fire Department as this site recently suffered damage to the same water supply and 210 Grove St. was without water for fire suppression. In speaking with the engineers for the proposed project this line will be replaced. If the proposed project moves forward then we request that procedures for any interruption in the water supply for the site must be created and communicated to the fire department. Any interruption in the water supply must be minimized to the best extend possible.

We have no other comments to provide.

Please contact me should you have any question or require any additional information.

cc: file

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<u>Plan View</u>

NOTES:

- -REFLECTANCES ASSUMED: WALL: 50 GROUND: 20
- MOUNTING HEIGHTS: 20'-0" ABOVE GRADE
- TASK HEIGHT: AT GRADE - CALCULATION POINT SPACING: 15'X15' OC
- DISCLAIMER:
- -THESE DRAWINGS ARE FOR CONCEPTUAL PURPOSES ONLY AND ARE NOT INTENDED FOR CONSTRUCTION. VALUES REPRESENTED ARE AN APPROXIMATION GENERATED FROM MANUFACTURERS PHOTOMETRIC IN-HOUSE OR INDEPENDANT LAB TEST WITH DATA SUPPLIED BY LAMP MANUFACTURERS.

STATISTICS						
DESCRIPTION	SYMBOL	AVG.	MAX	MIN.	MAX/MIN	AVG/MIN
Boundary	+	0.2 fc	8.6 fc	0.0 fc	N/A	N/A
Pavement / Parking Lot	+	2.3 fc	11.1 fc	0.1 fc	111.0:1	23.0:1
Trucks	+	1.6 fc	4.3 fc	0.6 fc	7.2:1	2.7:1

SYMBOL	LABEL	QUANTITY	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	LAMP	# OF LAMPS	LLF	LUMENS PER LAMP	WATTAGE
	A	3	Lithonia Lighting	RSX1 LED P4 40K R3 MOUNTING HS XX XX	RSX Area Fixture Size 1 P4 Lumen Package 4000K CCT Type R3 Distribution with HS Shield	LED	1	0.9	12480	133.1431
	B-1	9	Lithonia Lighting	RSX1 LED P4 40K R4 MVOLT MOUNTING XX XX	RSX Area Fixture Size 1 P4 Lumen Package 4000K CCT Type R4 Distribution	LED	1	0.9	16573	133.14
	B-2	5	Lithonia Lighting	RSX1 LED P4 40K R4 MVOLT MOUNTING XX XX	RSX Area Fixture Size 1 P4 Lumen Package 4000K CCT Type R4 Distribution	LED	1	0.9	16573	266.28
	B-3	3	Lithonia Lighting	RSX1 LED P4 40K R4 MVOLT MOUNTING XX XX	RSX Area Fixture Size 1 P4 Lumen Package 4000K CCT Type R4 Distribution	LED	1	0.9	16573	399.42
	С	15	Lithonia Lighting	WDGE3 LED P4 70CRI R4 40K MVOLT MUNTIN XX XX	WDGE3 LED WITH P4 - PERFORMANCE PACKAGE, 4000K, 70CRI, TYPE 4 OPTIC	LED	1	0.9	12537	87.8914
	D	1	Lithonia Lighting	RSXF1 LED P4 40K AWFD BV MVOLT MOUNTING XX XX	RSXF Flood Fixture Size 1 P4 Lumen Package 4000K CCT Type AWFD Distribution with BV Shield	LED	1	0.9	14738	133.1431

Designer
Robert J. Lindstro
Date
2/12/2020
Scale
Not to Scale
Drawing No.
Summary

FORM P

APPLICATION FOR APPROVAL OF A SITE PLAN

To the Franklin Planning Board:

" 171	The undersigned, herewith, submits the accompanying Site Plan entitled
	6-210 Grove Street "for approval under the provisions of the Zoning By-
Laws	of the Town of Franklin covering Site Plans. MCP III 176 Grove LLC.
1.	Name of Applicant: MC P TT 210 Grave LbC.
1.	Name of Applicant: MCP III ZIO Grove LLC clo Marcus Partners, Fac. Address of Applicant: 260 Franklin St., Ste. 620, Boston, MA 02110
	Address of Applicant: 260 Franklin St., Ste. 620, Boston, MA 02110
	Phone No.: 617 556-5204 Email: Iveilly @ marcuspartners. com
2.	Name of Owner (if not the Applicant): SAME
	Address of Owner:
	Phone No.: Email:
3.	Name of Engineer: K. W. Engineering Govern
٠.	Phone No.: Email: Name of Engineer: Kelly Engineering Group Address of Engineer: O Campanelli Pr., Braintrae, MA 22184 Phone No.: 781-843-4333 Email: a kelly e kelly engineering group: company Deed of Property recorded with Norfolk Registry of Deeds in Book 37261, Page 339, (or Certificate of Title No. 201354) 201486 Location and Description of Property: 176-210 Grove St.
	Address of Engineer. O Campanetti pr., Braintrae, Mr.
	Phone No.: 781-843-4333 Email: a kelly e kelly engineering from com
	0 2
4.	Deed of Property recorded with Norfolk Registry of Deeds in
	Book 37261, Page 339, (or Certificate of Title No. 20/354)
5.	Location and Description of Proporty
٥.	176 - 210 Gave St
-	See dress attached
-	See dreas attached (176) / (210)
	Square Footage of Building(s) 175, 909 SF / 170, 965 SF
	Square Footage of Building(s) 175, 909 SF / 170 965 SF Assessor's Map 311 Lot 001 / Map 311 Lot 002
<i>c</i>	
6.	Purpose of Site Plan: Construction of new ware house and associated parking reconstruction
	and anocia rea parking reconstruction
7.	List of Waivers Requested (if any): Attach Form R for each waiver
1	allhare DAVID HOOKE
Signati	ure of Applicant Print Name of Applicant
Jighan	1 Int value of Applicant
Mu	Myoul DAVID HOOLE
Signati	ure of Owner Print Name of Owner

SECTION A:

CERTIFICATE OF OWNERSHIP

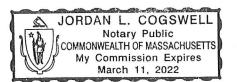
PLANNING DEPT.

I the undersigned Applicant, do hereby certify to the Town of Franklin, through its Planning Board, that all parties of interest to the below-listed plan are identified in Section B: below,

Title of Plan: 176. 210 Grove Street	
Date of Plan: Feb. 14 Zozo Assessor's Information: 311-002-000-00	C
Prepared by: Kelly Engineering Group \$ 3	
Type of Plan: 81-P; Prelim.; Def.; Site Plan SECTION B:	
SECTION B:	
Name of Record Owner(s): MCP III 210 Grove LLC =	
Address of Record Owner(s): clo Murcus Properties Inc.	
260 Franklin Street, Suite 620	
Boston, MA 02110	
*If in the name of a Trust, Corporation or Partnership, list the names and addresses of all Trustee(s), Corporate Officer(s) or Partner(s): See Foreign LLC Application for Registre from attached here to *If in the name of a Trust or Corporation, list the Beneficiary(ies) of the Trust or the	
Shareholder(s) of the Corporation:	
*If in the name of a Trust or Corporation, list the date, county, book and page of recording of the Trust Instrument, or the date and State of incorporation: Oct. 16, 2019 - Delaware	
Executed as a sealed instrument this day of FEb. 2020 AVID HOOKE	
Signature of Applicant Print name of Applicant	
Jul Mook DAVID HOOKE	
Signature of Owner Print name of Owner	

On this 3 day of PERVARY 2020, before me, the undersigned notary public, personally appeared DAND HOOVE (name of Applicant), proved to me through satisfactory evidence of identification, which were KNDWN PERSONALLY to be the person whose name is signed on the preceding document in my presence.

(Official signature and seal of notary)
Notary Public: JEDAN COGNEW
My Commission Expires: MARCH 11, 2022



SECTION A:

CERTIFICATE OF OWNERSHIP

PLANNING DEPT.

I the undersigned Applicant, do hereby certify to the Town of Franklin, through its Planning Board, that all parties of interest to the below-listed plan are identified in Section B: below,

Title of Plan: 176 - 210 Grove Street
Date of Plan: Feb. 14, Zozo Assessor's Information: 311-001-000-000
Prepared by: Kelly Engineering Group
Type of Plan: 81-P; Prelim.; Def.; Site Plan
SECTION B:
Name of Record Owner(s): MCP III 176 Grove LLC B NOT Address of Record Owner(s): Cla March Parkers Fast CER
Address of Record Owner(s): clo Marcus Partners, Fac. 260 Franklin St., Ste. 620
Boston, MA 02110 0
*If in the name of a Trust, Corporation or Partnership, list the names and addresses of all Trustee(s), Corporate Officer(s) or Partner(s): See Foreign LLC Application for Registration attached here to *If in the name of a Trust or Corporation, list the Beneficiary(ies) of the Trust or the
Shareholder(s) of the Corporation:
*If in the name of a Trust or Corporation, list the date, county, book and page of recording of the Trust Instrument, or the date and State of incorporation: Sept. 10, 2019 - Delaware
Executed as a sealed instrument this day of Feb. 20 20 AVID HOOKE
Signature of Applicant / Print name of Applicant
DAVID HOOKE
Signature of Owner Print name of Owner

On this 3 day of FERNARY 2020, before me, the undersigned notary public, personally appeared DAND HOVE (name of Applicant), proved to me through satisfactory evidence of identification, which were LIDIN PERSONNY to be the person whose name is signed on the preceding document in my presence.

(Official signature and seal of notary)

Notary Public: JORDAN COGGNEW

My Commission Expires: MARCH 11, 2022

JORDAN L. COGSWELL
Notary Public
COMMONWEALTH OF MASSACHUSETTS
My Commission Expires
March 11, 2022

Town of Franklin



TOWN OF FRANKLIN
TOWN CLERK

2020 FEB 27 P 1: 46

Planning Board

The following notice will be published in the Milford Daily Newspaper once on Monday, March 9, 2020 and again on March 16, 2020

FRANKLIN PLANNING BOARD PUBLIC HEARING NOTICE

In accordance with the Town of Franklin Zoning By-Laws, the Franklin Planning Board will hold a public hearing on Monday, March 23, 2020 at 7:15 PM in the Town Council Chambers of the Franklin Municipal Building, 355 East Central Street, for a Site Plan application at 176-210 Grove Street in Franklin, MA prepared by Kelly Engineering, Braintree, MA, Inc. and submitted to the Department of Planning & Community Development on February 18, 2020, by MCP III 176 Grove LLC & MCP III 210 Grove LLC, Marcus Partners.

The property is located in the Industrial Zoning District (Assessors Map 311 Lots 001 & 002) on Grove Street. The applicant is proposing to construct a 150,000 sq/ft building with parking, drainage and landscaping.

<u>Please note:</u> This will be your only written notice of this public hearing. All future Public Hearings on this matter, will be posted on the Planning Board's website under Agendas.

Please contact the Department of Planning & Community Development at (508) 520-4907 if you require further information or if you need to make arrangements to provide translation services for the hearing impaired, or for persons with language barriers.

Copies of the plan and supporting documentation may be reviewed in the Department of Planning & Community Development during regular office hours.

Anthony Padula, Chairman

NEW YORK CENTRAL LINES LL C/O CSX TRANSPORTATION TA 500 WATER ST (C 910) JACKSONVILLE, FL 32202 WAITE SCOTT S WAITE PAULA G 198 GROVE ST FRANKLIN, MA 02038 PETITT EVERETT J III PETITT SUSAN J 24 OLD GROVE ST FRANKLIN, MA 02038

UNITED STATES OF AMERICA 696 VIRGINIA ROAD CONCORD, MA 01742 OBRIEN JAMES F OBRIEN VIRNA C 21 OLD GROVE ST FRANKLIN, MA 02038 CG GROVE ST LLC C/O GROSSMAN COMPANIES IN 859 WILLARD ST, SUITE 501 QUINCY, MA 02169

NV FRANKLIN LLC 120 WATER STREET - THIRD FLOOR BOSTON, MA 02109 COMMONWEALTH OF MASSACHUS DIVISION OF STATE PARKS A 251 CAUSEWAY STREET - SUITE 60 BOSTON, MA 02114-2104

CHARLEY2017 LLC 7 MYRTLE ST NORFOLK, MA 02056 WOODS PAUL E WOODS NICOLE M 191 GROVE ST FRANKLIN, MA 02038

CORE REAL ESTATE HOLDINGS 166 GROVE ST FRANKLIN, MA 02038 BIBEAULT DEBORAH G BIBEAULT CHARLES N 185 GROVE ST FRANKLIN, MA 02038

YERGATIAN VERNON C V & A REALTY TRUST AVEDIS 168 GROVE STREET FRANKLIN, MA 02038 BATISTA ANTERO BATISTA DONNA M P O BOX 668 FRANKLIN, MA 02038

170 GROVE STREET LLC 170 GROVE ST FRANKLIN, MA 02038 MCP III 176 GROVE LLC C/O MARCUS PARTNERS, INC. 260 FRANKLIN ST BOSTON, MA 02110

FRANKLIN TOWN OF 355 EAST CENTRAL STREET FRANKLIN, MA 02038 MCP III 210 GROVE LLC C/O MARCUS PROPERTIES INC 260 FRANKLIN ST SUITE 620 BOSTON, MA 02110

NO SHOES ON GROVE LLC 186 GROVE ST FRANKLIN, MA 02038 PALEOLOGOS ANDREW A PALEOLOGOS SHANNON P 30 OLD GROVE ST FRANKLIN, MA 02038

SPENCER LORRAINE R, TRS SPENCER REALTY TRUST 196 GROVE ST FRANKLIN, MA 02038 BOUDREAU MARY P L/E FRANCIS, SCOTT FRANCIS, N 22 OLD GROVE ST FRANKLIN, MA 02038 NEW YORK CENTRAL LINES LL C/O CSX TRANSPORTATION TA 500 WATER ST (C 910) JACKSONVILLE, FL 32202

ROSSETTI WILLIAM J 231 GROVE ST FRANKLIN, MA 02038

SPENCER LORRAINE R, TRS SPENCER REALTY TRUST 196 GROVE ST FRANKLIN, MA 02038 PALEOLOGOS ANDREW A PALEOLOGOS SHANNON P 30 OLD GROVE ST FRANKLIN, MA 02038

WAITE SCOTT S WAITE PAULA G 198 GROVE ST FRANKLIN, MA 02038 BOUDREAU MARY P L/E FRANCIS, SCOTT FRANCIS, N 22 OLD GROVE ST FRANKLIN, MA 02038

OBRIEN JAMES F OBRIEN VIRNA C 21 OLD GROVE ST FRANKLIN, MA 02038 PETITT EVERETT J III PETITT SUSAN J 24 OLD GROVE ST FRANKLIN, MA 02038

COMMONWEALTH OF MASSACHUS DIVISION OF STATE PARKS A 251 CAUSEWAY STREET - SUITE 60 BOSTON, MA 02114-2104 LIU SIYUAN ZHAO ZIYUAN 16 OLD GROVE ST FRANKLIN, MA 02038

MCP III 176 GROVE LLC C/O MARCUS PARTNERS, INC. 260 FRANKLIN ST BOSTON, MA 02110

FRANKLIN TOWN OF 355 EAST CENTRAL STREET FRANKLIN, MA 02038

MCP III 210 GROVE LLC C/O MARCUS PROPERTIES INC 260 FRANKLIN ST SUITE 620 BOSTON, MA 02110 CG GROVE ST LLC C/O GROSSMAN COMPANIES IN 859 WILLARD ST, SUITE 501 QUINCY, MA 02169

TWO HUNDRED THIRTY GROVE 230 GROVE ST FRANKLIN, MA 02038

FRANKLIN TOWN OF 355 EAST CENTRAL ST FRANKLIN, MA 02038

ROSSETTI STEVEN J & DALE CEDAR HILL FARM REALTY TR 235 GROVE ST FRANKLIN, MA 02038