ROBSHAM VILLAGE

IN

MILFORD, MASSACHUSETTS

(Worcester County)

OWNER

EM Street Milford, LLC 171 Locke Drive Marlborough, Massachusetts 01752

APPLICANT

EM Street, LLC 80 Hope Avenue, Suite 512 Waltham, Massachusetts 02453

CIVIL ENGINEER/SURVEYOR AND LANDSCAPE ARCHITECT

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

ARCHITECT

Bennett Sullivan Associates, Inc.
Architects and Planners
Suite 201, Three Pomperaug Office Park
Southbury, Connecticut 06488

ARCHITECT

Nicholaeff Architecture + Design 891 Main street Osterville, Massachusetts 02655

WasteWater Treatment Design

Onsite Engineering
279 East Central Street
Franklin, Massachusetts 02038

Traffic Engineer

Vanasse Hangen Brustlin, Inc.
101 Walnut Street
Watertown, Massachusetts 02471

Attorney

Blatman, Bobrowski and Haverty, LLC 9 Damonhill Square, Suite 4A4 Concord, Massachusetts 01742



LOCUS MIDDLESEX CO Bragfyille Out of the control of the control

Locus Map Scale: 1" = 1000'



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Permit Plan Set - October 23, 2017

Job No.: 2706.01

Plan No.: 270601P021A-001

GENERAL NOTES

THE CONTRACTOR SHALL MAKE ALL NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN ALL NECESSARY CONSTRUCTION PERMITS. THE CONTRACTOR SHALL ALSO PAY ALL FEES AND POST ALL BONDS ASSOCIATED WITH THE SAME, AND COORDINATE WITH THE ENGINEER AND ARCHITECT AS REQUIRED. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY AND ALL CONSTRUCTION MEANS AND METHODS. LIMIT OF WORK SHALL BE EROSION CONTROL BARRIERS, LIMIT OF GRADING AND SITE PROPERTY

LINES AND/OR AS INDICATED ON DRAWINGS. PORTIONS OF THE ROADWAY. SIDEWALK AND ROADSIDE AREA DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED TO THEIR CONDITIONS PRIOR TO DISTURBANCE. CONTRACTOR TO VERIFY UTILITY STUB LOCATIONS AND ELEVATIONS IN THE FIELD PRIOR TO

ANY ALTERATION TO THESE DRAWINGS MADE IN THE FIELD DURING CONSTRUCTION SHALL BE RECORDED BY THE CONTRACTOR ON RECORD DOCUMENTS.

ANY AREA OUTSIDE THE LIMIT OF WORK THAT IS DISTURBED SHALL BE RESTORED TO ITS

ORIGINAL CONDITION AT NO COST TO OWNER. EXISTING TREES AND SHRUBS OUTSIDE THE LIMITS OF GRADING SHALL BE REMOVED ONLY UPON PRIOR APPROVAL OF THE OWNER. FOR DRAWING LEGIBILITY, ALL EXISTING TOPOGRAPHIC FEATURES, EXISTING UTILITIES, PROPERTY BOUNDARIES, EASEMENTS, ETC. MAY NOT BE SHOWN ON ALL DRAWINGS. REFER TO ALL REFERENCED DRAWINGS AND OTHER DRAWINGS IN THIS SET FOR ADDITIONAL INFORMATION.

NEW EXCAVATION AND TRENCH SAFETY REGULATIONS ARE IN EFFECT AS OF MARCH 1, 2015. (REFER TO 520 CMR 14.00) ALL EXCAVATORS OR CONTRACTORS MUST OBTAIN A TRENCH PERMIT PRIOR TO ANY CONSTRUCTION RELATED TRENCHES ON SITE.

LAYOUT AND MATERIALS NOTES ALL LINES AND DIMENSIONS ARE PARALLEL OR PERPENDICULAR TO THE LINES FROM WHICH

THEY ARE MEASURED UNLESS OTHERWISE INDICATED. COORDINATE THE LOCATION OF ALL SITE LIGHT STANDARDS WITH IMPROVEMENTS SHOWN ON THESE DRAWINGS. CONTRACTOR SHALL REPORT SIGNIFICANT CONFLICTS TO THE OWNER AND THE ENGINEER FOR RESOLUTION.

DIMENSIONS OF PARKING SPACES AND DRIVEWAYS ARE FROM FACE OF CURB TO FACE OF DIMENSIONS FROM BUILDING ARE FROM FACE OF BUILDING TO FACE OF CURB. CONTRACTOR SHALL VERIFY ALL CONDITIONS IN THE FIELD AND REPORT ANY DISCREPANCIES TO THE

ENGINEER. THE CONTRACTOR SHALL STAKE OUT BUILDING FROM THE LATEST ARCHITECTURAL THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN SITE PLAN DIMENSIONS AND BUILDING PLANS BEFORE PROCEEDING WITH ANY PORTION OF SITE WORK

SEE ARCHITECTURAL DRAWINGS FOR EXACT BUILDING DIMENSIONS AND ALL DETAIL CONTIGUOUS TO THE BUILDING, LIGHTING, ENTRANCE PATIO, DOORWAY PADS, LOADING DOCK DETAILS, ETC. ACCESSIBLE RAMPS SHALL BE PER MASSACHUSETTS STATE CODE AND THE AMERICANS WITH DISABILITIES ACT (ADA) ACCESSIBILITY GUIDELINES (WHICHEVER IS MORE STRINGENT).

WHICH MAY BE AFFECTED SO THAT PROPER ADJUSTMENTS TO THE SITE LAYOUT CAN BE MADE

EACH HANDICAP PARKING SPACE SHALL BE IDENTIFIED BY A SIGN SIX (6) FEET IN HEIGHT LOCATED AT THE FACE OF THE CURB LINE. THE SIGN SHALL CONTAIN THE INTERNATIONAL SYMBOL OF ACCESSIBILITY AS DESCRIBED IN THE AMERICANS WITH DISABILITIES ACT, PUBLIC LAW 101-336, (SEE DETAIL). PROTECT EXISTING PROPERTY MONUMENTS AND ABUTTING PROPERTIES DURING CONSTRUCTION

GRADING, DRAINAGE AND UTILITY NOTES

ACTIVITIES.

UNDERGROUND UTILITIES WERE COMPILED FROM AVAILABLE RECORD PLANS OF UTILITY COMPANIES AND PUBLIC AGENCIES, ARE APPROXIMATE AND ASSUMED. BEFORE COMMENCING SITE WORK IN ANY AREA, CONTACT "DIG SAFE" AT 1-888-344-7233 TO ACCURATELY LOCATE UNDERGROUND UTILITIES. ANY DAMAGE TO EXISTING UTILITIES OR STRUCTURES SHALL BE THE CONTRACTOR'S RESPONSIBILITY. NO EXCAVATION SHALL BE DONE UNTIL UTILITY

ALL SITE WORK SHALL MEET OR EXCEED THE SITE WORK SPECIFICATIONS DATED XX/XX/XX PREPARED FOR THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT CONFLICT WITH ANY KNOWN EXISTING OR OTHER PROPOSED IMPROVEMENTS. IF ANY CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER AND THE ENGINEER PRIOR TO INSTALLATION OF ANY PORTION OF THE SITE WORK WHICH WOULD BE AFFECTED.

ALL WORK PERFORMED AND ALL MATERIALS FURNISHED SHALL CONFORM WITH THE LINES, GRADES AND OTHER SPECIFIC REQUIREMENTS OR SPECIFICATIONS OF THE TOWN OF MILFORD

AT ALL LOCATIONS WHERE EXISTING CURBING OR PAVEMENT ABUTS NEW CONSTRUCTION, THE EDGE OF THE EXISTING CURB OR PAVEMENT SHALL BE SAW CUT TO A CLEAN, SMOOTH EDGE. BLEND NEW PAVEMENT, CURBS AND EARTHWORK SMOOTHLY INTO EXISTING BY MATCHING LINES, GRADES AND JOINTS. PITCH EVENLY BETWEEN SPOT GRADES. GRADE ALL AREAS TO DRAIN. THE CONTRACTOR SHALL VERIFY EXISTING GRADES IN THE FIELD AND REPORT ANY DISCREPANCIES IMMEDIATELY TO THE ENGINEER. THE CONTRACTOR SHALL MAKE ALL

ARRANGEMENTS FOR THE ALTERATION AND ADJUSTMENT OF GAS, ELECTRIC, TELEPHONE AND ANY OTHER PRIVATE UTILITIES BY THE UTILITY COMPANIES, AS REQUIRED. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED TO THE OWNER AND ENGINEER FOR RESOLUTION.

ALL UTILITY COVERS, GRATES, ETC. SHALL BE ADJUSTED TO BE FLUSH WITH THE PAVEMENT FINISH GRADE UNLESS OTHERWISE NOTED. RIM ELEVATIONS OF DRAINAGE STRUCTURES AND SANITARY SEWER MANHOLES ARE APPROXIMATE.

INSTALL ALL UTILITIES (INCLUDING CONCRETE PADS) PER UTILITY COMPANY AND DPW AN EROSION CONTROL BARRIER SHALL BE INSTALLED ALONG THE EDGE OF PROPOSED

DEVELOPMENT AS SHOWN ON THE PLAN PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ALL DRAINAGE PIPES SHALL BE SMOOTH WALLED CORRUGATED POLYETHYLENE PIPE (ADS N-12 OR APPROVED EQUAL) EXCEPT WHERE NOTED OTHERWISE.

ALL GRAVITY SANITARY PIPE SHALL BE SDR-35 PVC UNLESS OTHERWISE NOTED. WATER LINE SHALL BE CLASS 52 CEMENT LINED DUCTILE IRON.

INSULATE SANITARY PIPES WHERE INVERT DEPTH IS LESS THAN FOUR (4) FEET BELOW FINISHED GRADE. CONTRACTOR SHALL PROTECT ALL UNDERGROUND DRAINAGE, SEWER AND UTILITY FACILITIES FROM EXCESSIVE VEHICULAR LOADS DURING CONSTRUCTION. ANY DAMAGE TO THESE

FACILITIES RESULTING FROM CONSTRUCTION LOADS WILL BE RESTORED TO ORIGINAL CONDITION. ALL WATER WORKS SHALL CONFORM TO MILFORD DPW, WATER DIVISION SPECIFICATIONS, DETAILS, RULES AND REGULATIONS AND HAVE FIVE (5) FEET OF MINIMUM COVER. GAS, ELECTRIC, TELEPHONE AND FIRE ALARM CONNECTION LOCATIONS AND ROUTING ARE SUBJECT TO REVIEW AND APPROVAL BY APPROPRIATE UTILITY COMPANIES AND FIRE DEPARTMENT. ABANDON EXISTING UTILITY SERVICES ON SITE ACCORDING TO UTILITY COMPANY AND TOWN OF MILFORD REQUIREMENTS.

THE CONTRACTOR SHALL REMOVE ALL EROSION CONTROL BARRIERS AFTER REVEGETATION OF DISTURBED AREAS AND AFTER APPROVAL OF THE CONSERVATION COMMISSION AND WETLAND

ALL WATER UTILITY IMPROVEMENTS SHALL COMPLY WITH THE AMERICAN WATERWORKS ASSOCIATION STANDARDS AND THE TOWN OF MILFORD WATER DEPARTMENT SPECIFICATIONS. RIP RAP APRONS SHALL BE INSTALLED AT THE OUTLETS FOR ALL CULVERTS. WETLANDS ARE TO REMAIN UNDISTURBED. NO ENCROACHMENT PERMITTED. REFER TO DRAINAGE CALCULATIONS FOR PIPE SLOPES. EXCAVATION REQUIRED WITHIN THE PROXIMITY OF EXISTING UTILITY LINES SHALL BE DONE BY

HAND. CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING UTILITY LINES OR STRUCTURES INCURRED DURING CONSTRUCTION OPERATIONS AT NO COST TO THE OWNER. STOCKPILED TOPSOIL SHALL BE PLACED NEATLY IN AN AREA INDICATED BY THE OWNER. PITCH EVENLY BETWEEN SPOT GRADES. ALL PAVED AREAS MUST PITCH TO DRAIN AT A MINIMUM OF 1/8" PER FOOT UNLESS SPECIFIED. ANY DISCREPANCIES NOT ALLOWING THIS MINIMUM PITCH SHALL BE REPORTED TO THE ENGINEER PRIOR TO CONTINUING WORK. THE CONTRACTOR SHALL SCHEDULE HIS WORK TO ALLOW THE FINISHED SUBGRADE ELEVATIONS TO DRAIN PROPERLY WITHOUT PUDDLING. SPECIFICALLY, ALLOW WATER TO ESCAPE WHERE PROPOSED CURB MAY RETAIN RUNOFF PRIOR TO APPLICATION OF THE FINISH SUBGRADE AND/OR SURFACE PAVING. PROVIDE TEMPORARY POSITIVE DRAINAGE AS REQUIRED.

UNLESS OTHERWISE INDICATED, ABANDONED EXISTING UTILITY LINES SHALL BE CAPPED AND ABANDONED IN PLACE UNLESS THEY CONFLICT WITH PROPOSED IMPROVEMENTS. CAP

REMAINING PORTIONS WHERE PARTIALLY REMOVED.

PLANTING AND LIGHTING NOTES

LANDSCAPE ASSOCIATION.

DEPTH OF THREE (3) INCHES.

ALL PLANT MATERIAL SHALL CONFORM TO THE MINIMUM GUIDELINES ESTABLISHED BY THE AMERICAN STANDARD FOR NURSERY STOCK PUBLISHED BY THE AMERICAN NURSERY AND

ANY PROPOSED SUBSTITUTIONS OF PLANT MATERIAL SHALL BE MADE WITH MATERIAL EQUIVALENT TO THE DESIRED MATERIAL IN OVERALL FORM, HEIGHT, BRANCHING HABIT, FLOWER, LEAF, COLOR, FRUIT AND CULTURE. PROPOSED SUBSTITUTIONS WILL ONLY BE CONSIDERED IF SUBMITTED WITH ENUMERATED REASONS WHY SUBSTITUTIONS ARE PROPOSED. ALL PLANTING BEDS TO BE FILLED WITH SOIL AND CROWNED ABOVE ADJACENT LAWN OR IMPROVED AREAS. ALL PLANTING BEDS TO BE MULCHED WITH AGED PINE BARK MULCH TO A

CAUTION SHALL BE USED NOT TO EXTEND MULCH LAYER ABOVE SOIL LEVEL AT TRUNKS/STEMS OF INSTALLED PLANT MATERIAL. PROVIDE FIVE (5) FOOT DIAMETER MULCH CIRCLE AROUND ALL INDIVIDUAL TREE PLANTINGS AND CONTINUOÙS MULCH BED AROUND SHRUB PLANTINGS. VERIFY ALL EXISTING UTILITY LINES PRIOR TO PLANTING AND REPORT ANY CONFLICTS TO THE OWNER OR HIS REPRESENTATIVE.

NO PLANT SHALL BE PLANTED BEFORE ACCEPTANCE OF ROUGH GRADING. PLANT MATERIALS SHALL BEAR SAME RELATIONSHIP TO GRADE AS THEY BORE TO GRADE IN

THE NURSERY. ALL PLANT MATERIALS SHALL BE GUARANTEED FOR ONE YEAR FOLLOWING DATE OF FINAL

LOAM AND SEED ALL DISTURBED AREAS UNLESS OTHERWISE INDICATED. REGRADE STOCKPILE AREA AFTER REMOVAL OF SURPLUS MATERIALS (SEE SITE WORK SPECIFICATIONS). LOAM AND SEED THE DISTURBED AREA.

DIMENSIONS FOR LIGHT LOCATIONS ARE TO THE CENTER OF MOUNTING POLES.

ALL LIGHT MOUNTING POLES SHALL BE LOCATED AT A MINIMUM OF FIVE (5) FEET FROM BACK OF CURB. POLES SHALL BE FLUSH WITH GRADE UNLESS OTHERWISE NOTED. CUTOFF LUMINAIRE FIXTURES WILL BE UTILIZED TO ENSURE NO OFF SITE GLARE IS CREATED. TOPSOIL STRIPPED FROM THE SITE AND PROPERLY STOCKPILED PRIOR TO APPLICATION MAY, UPON APPROVAL OF THE ENGINEER, BE USED FOR PREPARATION OF LAWNS AND PLANTING BEDS. IT SHOULD BE FREE OF LARGE (ONE (1) INCH OR GREATER) COBBLES, ROOTS, OLD SOD, TRASH, WOOD OR OTHER CONTAMINANTS AND BE OF A FRIABLE CONSISTENCY AND SUITABLE FOR PLANT GROWTH.

THE LANDSCAPE CONTRACTOR SHALL FURNISH TOPSOIL. TOPSOIL SHALL BE FERTILE, FRIABLE, NATURAL AND PRODUCTIVE TOPSOIL OF GOOD CLAY-LOAM TYPE. IT SHALL BE FREE OF WEED SEEDS. TOPSOIL SHALL BE WITHOUT ADMIXTURE OF SUBSOIL AND SHALL BE REASONABLY FREE OF STONES, LUMPS, ROOTS, STICKS AND OTHER FOREIGN MATTER. TOPSOIL SHALL NOT BE WORKED OR APPLIED IN A MUDDY OR WET CONDITION.

PEAT AND ORGANIC MATERIAL STRIPPED FROM AN ALTERED WETLAND IS TO BE PROPERLY STOCKPILED AND USED FOR PREPARATION OF PROPOSED WETLAND AREA. WETLAND SEED SHALL BE FRESH, RECLEANED SEED OF THE LATEST CROP. WETLAND SEED SHALL BE DELIVERED TO THE SITE IN THE ORIGINAL CONTAINERS WHICH SHALL BEAR THE VENDOR'S

TOPSOIL SHALL BE SPREAD TO A MINIMUM DEPTH OF FOUR (4) INCHES AFTER SETTING ON ALI STRIPPED PLANTED AREAS INCLUDING SLOPE STABILIZATION, LÁWN AREAS AND PLANTING BEDS AFTER FILLS ARE PROPERLY SETTLED AND SUBGRADE HAS BEEN APPROVED BY THE OWNER. THE SETTLED TOPSOIL SHALL BE UP TO THE FINISHED GRADE AS CALLED FOR ON THE DRAWINGS. SCARIFY SUBGRADE TO A DEPTH OF TWO (2) INCHES BEFORE PLACING TOPSOIL. REMOVE ALL ROCKS AND DEBRIS FROM SOIL SURFACE AND GRADE TO AN EVEN SURFACE. SPREAD 10-10-10 FERTILIZER AT A RATE OF TWENTY-TWO (22) POUNDS PER ONE THOUSAND (1,000) SQUARE FEET AND INCORPORATE INTO THE SOIL UNIFORMLY.

APPLY DOLOMITIC LIME AT THE RATE OF ONE HUNDRED (100) POUNDS PER ONE THOUSAND (1,000) SQUARE FEET THE AREAS BEING PREPARED FOR PLANTING. PLANTING SEED SHALL BE SOWN IN SEASONAL CONDITIONS AS APPROPRIATE FOR GOOD SEED SURVIVAL, OR AT SUCH TIMES AS APPROVED BY THE OWNER. PROVIDE SUFFICIENT HOSE AND SPRINKLER HEADS FOR ADEQUATE WATERING TO MAINTAIN A MOIST SEED BED AT ALL TIMES. PLANTING SEED SHALL BE SOWN EVENLY WITH MECHANICAL SPREADER OR BY HAND AT THE

RATE OF SIX (6) POUNDS PER ONE THOUSAND (1,000) SQUARE FEET. ALL SEEDING SHALL BE

DONE ON DAYS WHEN THE WIND DOES NOT EXCEED A VELOCITY OF FIVE (5) MILES PER HOUR AND THE SEED SHALL BE DRY. AFTER SEEDING, THE SURFACE OF THE SOIL SHALL BE EVENLY RAKED WITH A FINE-TOOTHED RAKE AND THEN ROLLED WITH A HAND ROLLER WEIGHING NOT LESS THAN ONE HUNDRED (100) POUNDS PER FOOT OF WIDTH.

STRAW MULCH SHALL BE SPREAD UNIFORMLY OVER ALL SEEDED AREAS AT THE RATE OF TWO (2) BALES PER ONE THOUSAND (1,000) SQUARE FEET.

WATER, MULCH AND SEED BED THOROUGHLY AND IMMEDIATELY AFTER COMPLETION OF MULCHING. SOIL SHALL BE MOISTENED TO A DEPTH OF FOUR (4) INCHES. CONTRACTOR SHALL INSTRUCT OWNERS REPRESENTATIVE ON APPROPRIATE WATERING PROCEDURES DURING

IF CERTAIN OF THE LAWN AREAS DO NOT SHOW A PROMPT "CATCH", THESE SHALL BE RESEEDED AT THE SAME RATE AND IN THE SAME MANNER AS BEFORE IN INTERVALS OF TEN (10) DAYS, WHICH PROCESS SHALL CONTINUE UNTIL A GROWTH OF GRASS IS ESTABLISHED OVÉR THE ENTIRE AREA.

PROTECT NEWLY TOPSOILED, GRADED AND/OR SEEDED AREAS FROM TRAFFIC AND EROSION. KEEP AREAS FREE OF TRASH AND DEBRIS RESULTING FROM LANDSCAPE CONTRACTOR

PLACE WARNING SIGNS IN SEEDED AREAS AND ERECT NECESSARY BARRICADES TO PREVENT DAMAGE BY PERSONS OR MACHINES AND MAINTAIN THESE FOR AT LEAST THIRTY (30) DAYS. REPAIR AND REESTABLISH GRADES IN SETTLED, ERODED AND RUTTED AREAS TO THE SPECIFIED GRADE AND TOLERANCES.

THE LANDSCAPE CONTRACTOR IS TO CLEAN UP AND REMOVE ANY DEBRIS FROM THE SITE CAUSED BY THE LANDSCAPE CONTRACTOR. PLANT MATERIAL IS TO BE MAINTAINED BY THE LANDSCAPE CONTRACTOR WHILE THE PROJECT

PERENNIALS, BULBS AND ANNUALS ARE TO BE PLANTED IN A WELL PREPARED BED WHICH SHALL INCLUDE PEAT AND SLOW RELEASE FERTILIZER. BEDS SHALL BE SKIMMED WITH ONE AND ONE-HALF (1-1/2) INCH TO TWO (2) INCH MULCH (INCLUDING GROUND COVERS).

IS UNDERWAY.

ALL TREES ALONG SIDEWALKS SHALL HAVE A MINIMUM SIX (6) FOOT BRANCHING HEIGHT. ALL TREES WITHIN THE FOUR HUNDRED (400) FOOT SIGHT LINE AT THE ENTRY DRIVE SHALL BE INSTALLED AND MAINTAINED WITH A MAXIMUM SIX (6) FOOT BRANCHING HEIGHT. SHRUBS WITHIN THE FOUR HUNDRED (400) FOOT SIGHT LINE AT THE ENTRY DRIVE SHALL BE INSTALLED AND MAINTAINED TO A MAXIMUM HEIGHT OF EIGHTEEN (18) INCHES.

LIGHT POLES LOCATED IN PLANTING ISLANDS SHALL BE CENTERED BETWEEN EDGES OF PAVEMENT ON OPPOSITE SIDES OF THE POLE. LIGHT POLES IN PARKING AREAS SHALL BE

CENTERED ON THE INTERSECTIONS OF PAINT STRIPES.

EROSION CONTROL AND SEDIMENTATION NOTES

PREVENT EROSION.

AN EROSION CONTROL BARRIER SHALL BE INSTALLED ALONG THE EDGE OF PROPOSED DEVELOPMENT AS INDICATED IN THE PLAN PRIOR TO THE COMMENCEMENT OF DEMOLITION OR CONSTRUCTION OPERATIONS.

EXISTING

100-YEAR FLOOD ELEV .=

CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES DURING ENTIRE CONSTRUCTION ANY SEDIMENT TRACKED ONTO PUBLIC RIGHT-OF-WAYS SHALL BE SWEPT AT THE END OF EACH WORKING DAY. ALL STOCKPILE AREAS SHALL BE LOCATED WITHIN LIMIT OF WORK LINE AND STABILIZED TO

ALL DEBRIS GENERATED DURING SITE PREPARATION ACTIVITIES SHALL BE LEGALLY DISPOSED OF PROVIDE CRIBBING AS NECESSARY TO PROTECT EXISTING UTILITY LINES DURING CONSTRUCTION. SITE ELEMENTS TO REMAIN MUST BE PROTECTED FOR DURATION OF PROJECT.

ALL TOPSOIL ENCOUNTERED WITHIN WORK AREA SHALL BE STRIPPED TO ITS FULL DEPTH AND STOCKPILED FOR REUSE. EXCESS TOPSOIL SHALL BE DISPOSED OF ON SITE AS DIRECTED BY OWNER. TOPSOIL PILES SHALL REMAIN SEGREGATED FROM EXCAVATED SUBSURFACE SOIL ADDITIONAL EROSION CONTROL MEASURES SHALL BE IMPLEMENTED AS CONDITIONS WARRANT

OR AS DIRECTED BY THE OWNER OR OWNER'S REPRESENTATIVE. ALL POINTS OF CONSTRUCTION EGRESS OR INGRESS SHALL BE MAINTAINED TO PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC ROADS. ALL AREAS IDENTIFIED AS CRITICAL AREA SEEDING SHALL BE STABILIZED DURING CONSTRUCTION BY SEEDING WITH ANNUAL RYE GRASS AT THE RATE OF FORTY (40) LBS/ACRE. TEMPORARY DIVERSION DITCHES, PERMANENT DITCHES, CHANNELS, EMBANKMENTS AND ANY DENUDED SURFACE WHICH WILL BE EXPOSED FOR A PERIOD OF ONE MONTH OR MORE SHALL

TO COMPLETELY HIDE THE SOIL FROM VIEW. SOIL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSPECTED AND MAINTAINED ON A DAILY BASIS DURING CONSTRUCTION TO INSURE THAT CHANNELS, DITCHES AND PIPES ARE CLEAR OF DEBRIS AND THAT THE EROSION CONTROL BARRIERS ARE INTACT. CONTRACTOR SHALL PROVIDE DUST CONTROL FOR CONSTRUCTION OPERATIONS AS APPROVED BY OWNER. DUST SHALL BE CONTROLLED BY SPRINKLING OR OTHER APPROVED METHODS AS NECESSARY,

BE CONSIDERED CRITICAL VEGETATION AREAS. THESE AREAS SHALL BE MULICHED WITH STRAW.

MULCH SHALL BE SPREAD UNIFORMLY IN A CONTINUOUS BLANKET OF SUFFICIENT THICKNESS

OR AS DIRECTED BY THE OWNER OR HIS REPRESENTATIVE. STRAW BALE CHECK DAMS SHALL BE PROVIDED AROUND ALL EXISTING DRAIN INLETS PRIOR TO CONSTRUCTION ACTIVITIES AND AROUND ALL PROPOSED DRAIN INLETS PRIOR TO PERMANENT PAVEMENT TO CONTROL SILTATION.

STRAW BALE CHECK DAMS ARE TO BE PROVIDED ON TWO HUNDRED (200) FOOT SPACINGS

WITHIN ALL DRAINAGE SWALES AND DITCHES AND AT UPSTREAM SIDES OF ALL DRAINAGE

RIP RAP SPLASH PADS SHALL BE INSTALLED AT THE OUTLETS FOR ALL CULVERTS DISCHARGING ADJACENT TO A WATERWAY. EXTREME CARE SHALL BE EXERCISED SO AS TO PREVENT ANY UNSUITABLE MATERIAL FROM

ENTERING THE WETLANDS. ADDITIONAL STRAW BALES SHALL BE LOCATED AS CONDITIONS WARRANT OR AS DIRECTED BY THE OWNER OR HIS REPRESENTATIVE. CLEAN AND MAINTAIN EROSION CONTROL BARRIER AS REQUIRED DURING CONSTRUCTION

OPERATIONS TO ENSURE ITS CONTINUED FUNCTIONALITY.

LEGEND AND ABBREVIATIONS

PROPOSED		EXISTING	PROPOSED	
s_SMH_	SEWER LINE/MANHOLE			100' BUFFER ZONE
DDMH_	DRAIN LINE/MANHOLE		124	MINOR CONTOUR
⊕ CB	CATCH BASIN		130_	MAJOR CONTOUR
FE ► ──	FLARED END/INVERT	x125.4	x125.4	SPOT ELEVATION
	GAS LINE/GATE		X120.1	EDGE OF WATER
——— w — <mark>GV</mark>	WATER LINE/GATE	AD	AD	AREA DRAIN
→ HYD	HYDRANT	BIT CONC	BIT CONC	BITUMINOUS CONCRETE
•PIV	POST INDICATOR VALVE	BM	BM	BENCHMARK
т _ ТМН_	TELEPHONE LINE/MANHOLE	CCB	CCB	CAPE COD BERM
еЕМН_	ELECTRIC LINE/MANHOLE	CATV	CATV	CABLE TELEVISION
OHW	OVERHEAD WIRE	CLDI	CLDI	CEMENT LINED DUCTILE IRON
─	LIGHT POLE	CONC	CONC	CONCRETE
y UP	UTILITY POLE	CMP	CMP	CORRUGATED METAL PIPE
	GUY WIRE	CPE	CPE	CORRUGATED POLYETHYLENE
∢ S ■ S	SIGN	D	D	DOOR
• P	POST	DCB	DCB	DOUBLE CATCH BASIN
● B	BOLLARD POST	DI	DI	DROP INLET
□HH	HAND HOLE	EM	EM	ELECTRIC METER
<u>x_CLF</u> xxx	CHAIN LINK FENCE	EOP	EOP	EDGE OF PAVEMENT
• • •	GUARDRAIL/GUIDERAIL	GM	GM	GAS METER
CC	CONCRETE CURB	HW	HW	HEAD WALL
GC	GRANITE CURB	LD	LD	LOADING DOCK
BCB	BITUMINOUS CONCRETE BERM	ocs	OCS	OUTLET CONTROL STRUCTURE
\odot \odot	TREE	POB	POB	POINT OF BEGINNING
. ~~~~	TREE LINE	PVC	PVC	POLYVINYL CHLORIDE
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	STONE WALL	RCP	RCP	REINFORCED CONCRETE PIPE
	RIPRAP	RD	RD	ROOF DRAIN
2000		ROW	ROW	RIGHT-OF-WAY
		SGC	SGC	SLOPED GRANITE CURB
	BUILDING	TRANSF	TRANSF	ELECTRIC TRANSFORMER
	No. OF PARKING SPACES IN ROW	WQ/	WQI	WATER QUALITY INLET
	BOUNDARY OF BORDERING	WW	WW	WING WALL
	VEGETATED WETLAND	■ SB		STONE BOUND
	APPROXIMATE BOUNDARY OF	■ CB		CONCRETE BOUND
	BORDERING VEGETATED WETLAND		DH	DRILL HOLE
	APPROXIMATE GPS BOUNDARY OF BORDERING VEGETATED WETLAND	o IP	<b>o</b> IP	IRON PIN/IRON PIPE
	BANK/BANK FLAG	• IR	<b>o</b> ™	IRON ROD
		FND		FOUND
	POTENTIAL VERNAL POOL/FLAG	EPLP		ESCUTCHEON PIN, LEAD PLUG
	100-YEAR FLOOD ELEVATION	LCD		LAND COURT DISK
	STRAW BALE EROSION CONTROL	MHB □ SB	_□ SB	MASSACHUSETTS HIGHWAY BOUND
		□ CB	₀ CB	STONE BOUND (TO BE SET)
			<u>.</u>	CONCRETE BOUND (TO BE SET)
		AS/N ASPK		STAKE AND NAIL
		<u>A</u> PK		SPIKE
		\o\ 1 1/		PK NAIL

PREPARED FOR:

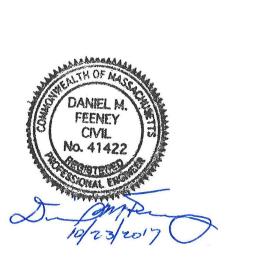
# EM STREET

171 LOCKE DRIVE MARLBOROUGH, MASSACHUSETTS

RECORD OWNER:

#### EM STREET MILFORD, LLC

43719/205



NICHOLAEFF ARCHITECTURE + DESIGN 891 Main Street

Osterville MA 02655 T 508 420 5298 F 508 420 2240 nicholaeff.com

> Bennett Sullivan Associates, Inc. Architects and Planners Suite 201, Three Pomperaug Office Park Southbury, Connecticut 06488

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203.264.8202

#### |PREPARED BY:



BEALS AND THOMAS, INC. Reservoir Corporate Center 144 Turnpike Road Southborough, Massachusetts 01772-2104 T 508.366.0560 | www.bealsandthomas.com

Environmental Specialists

0 10/23/2017 FIRST ISSUE ISSUE DATE | DESCRIPTION JRA DMF DMF DES | DWN | CHK'D | APP'D

#### ROBSHAM VILLAGE 462-466 EAST MAIN STREET

MILFORD, MASSACHUSETTS (WORCESTER COUNTY)

SCALE: N/A DATE: OCTOBER 23, 2017

#### NOTES, REFERENCES AND LEGEND

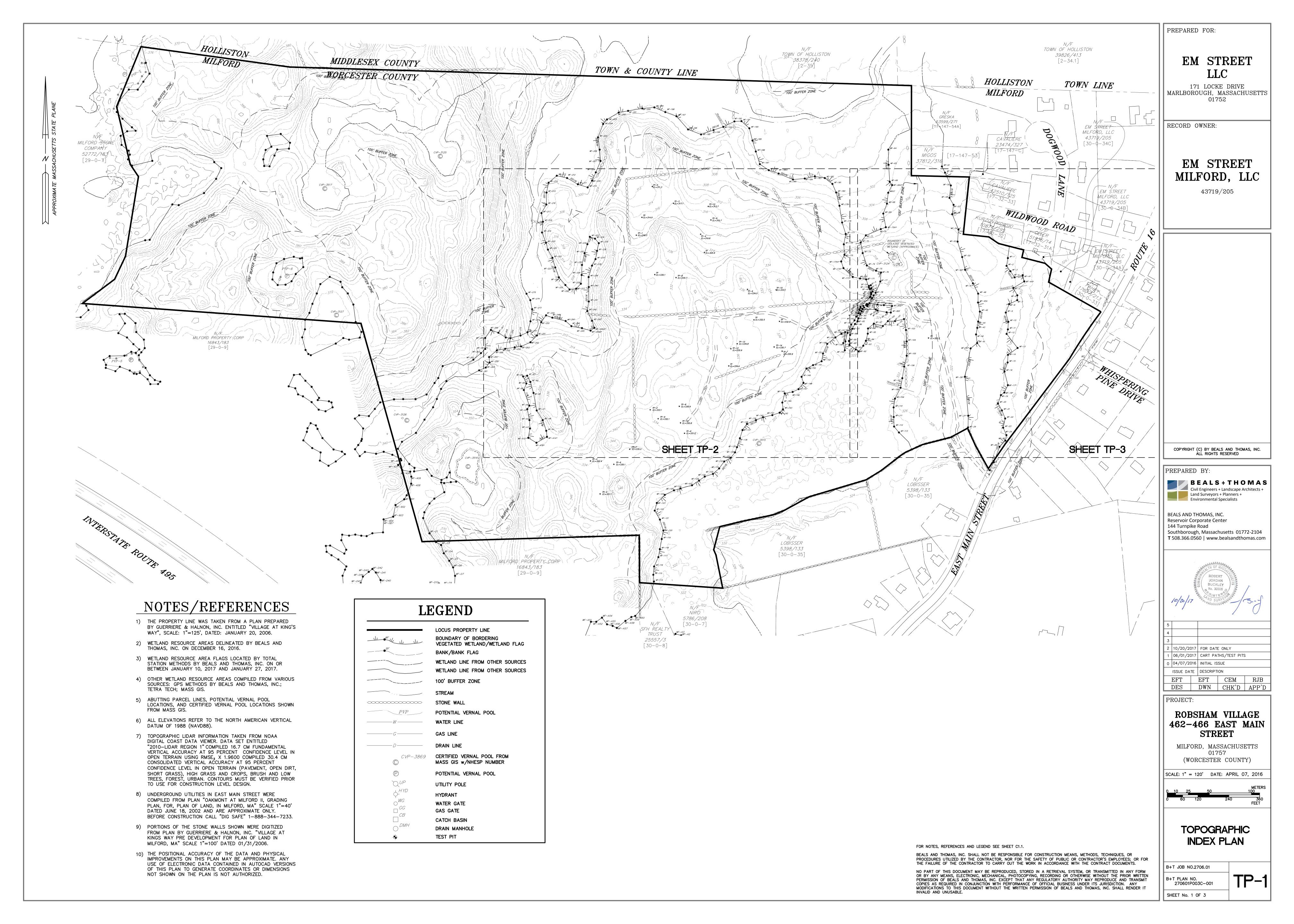
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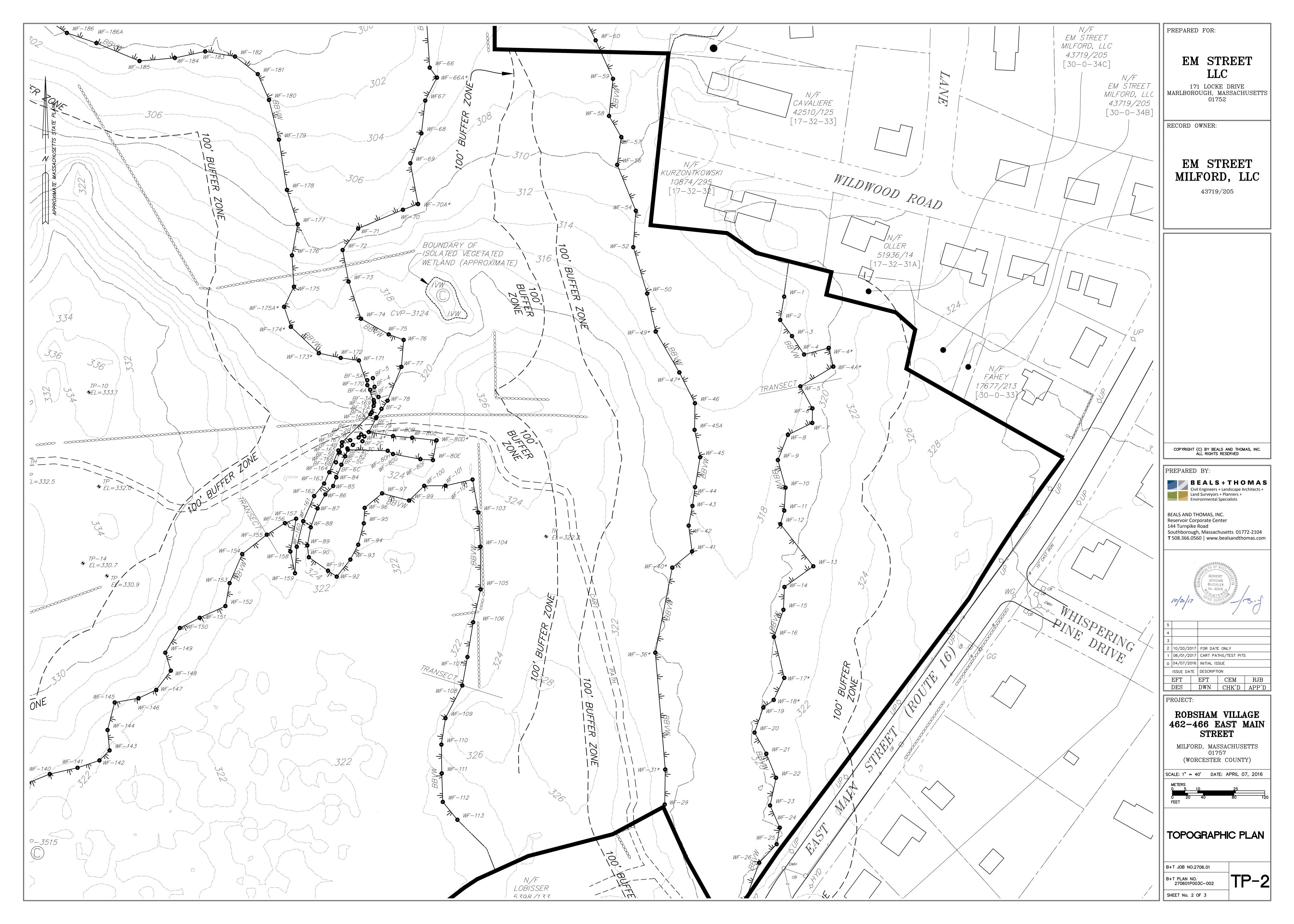
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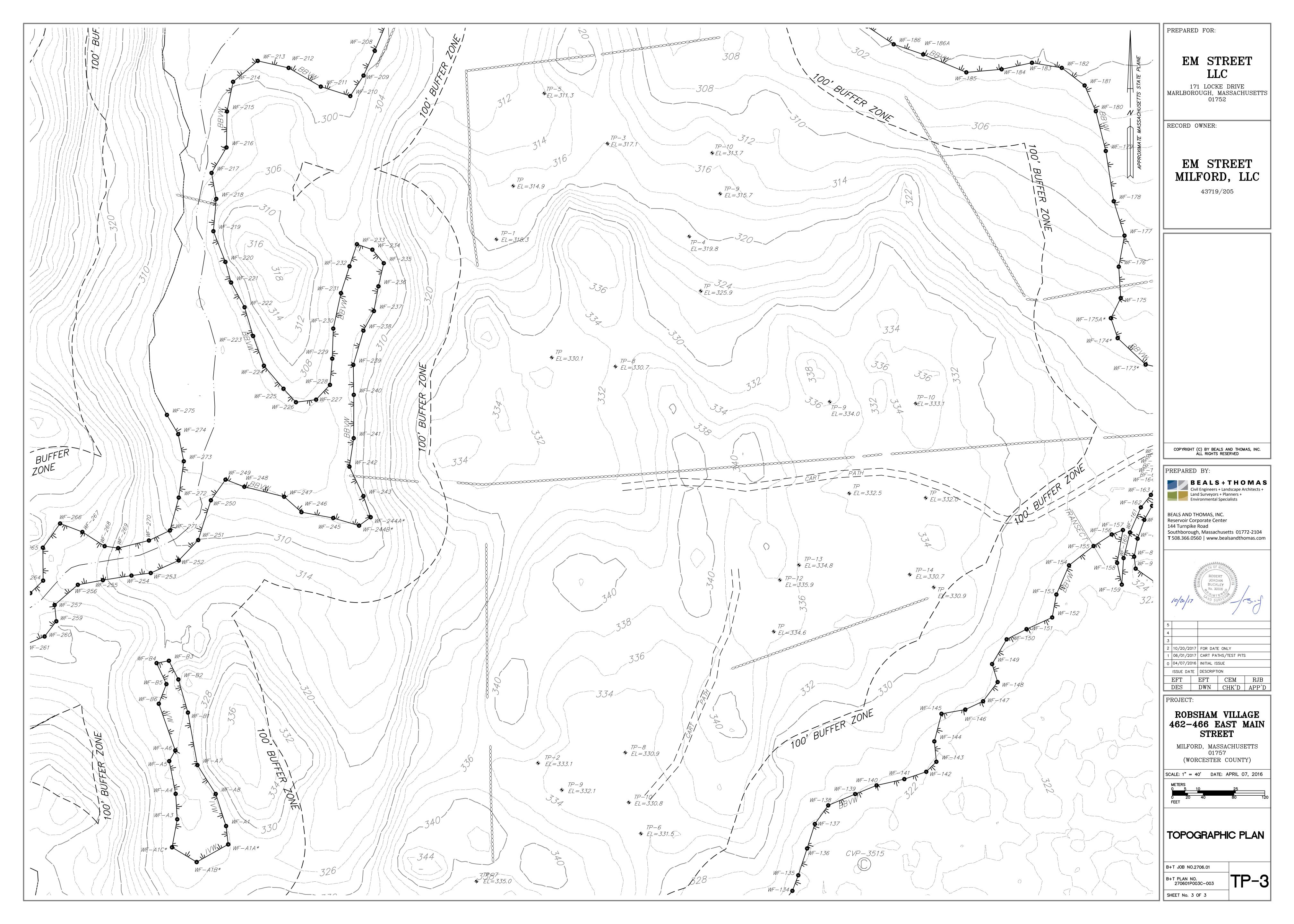
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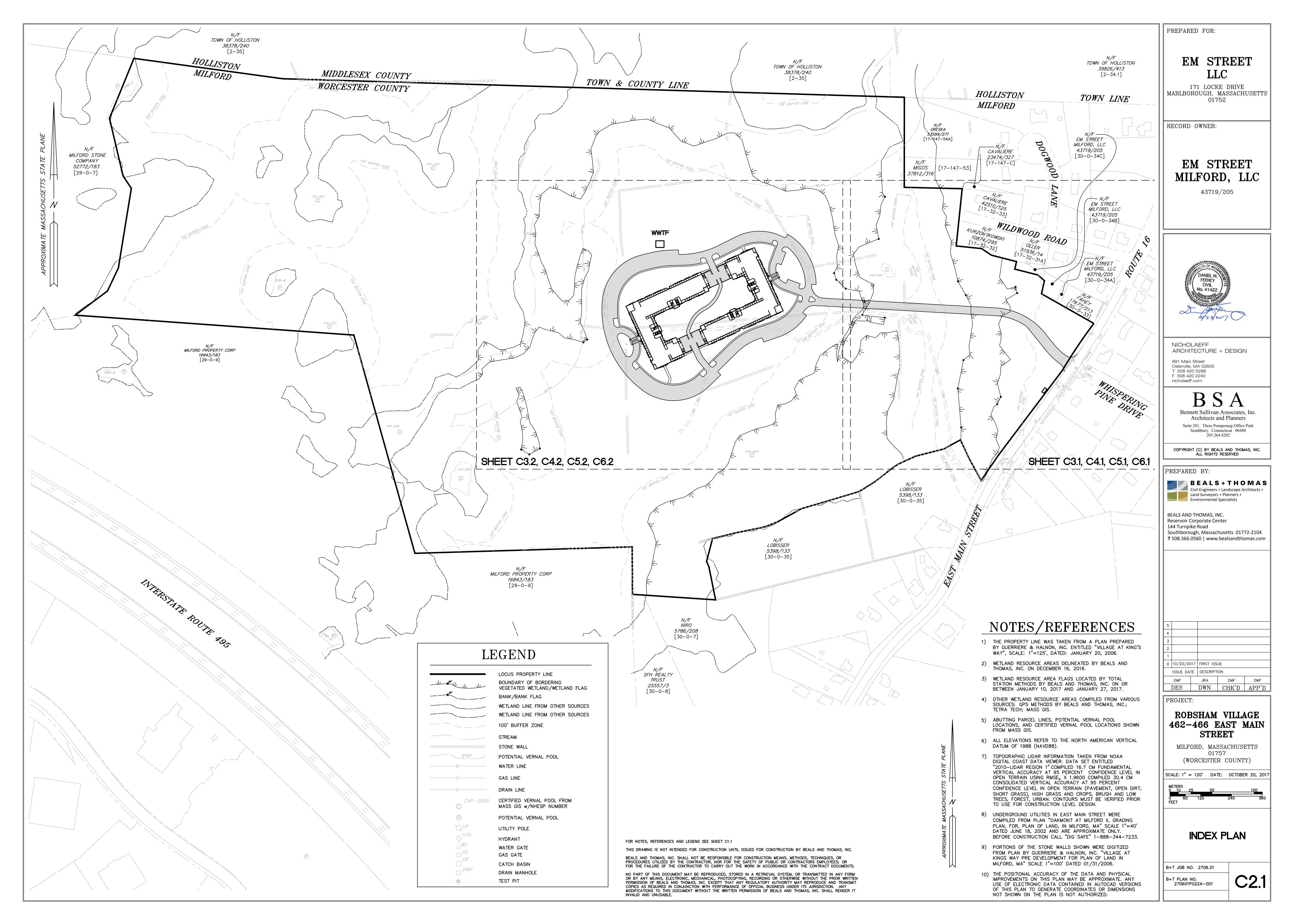
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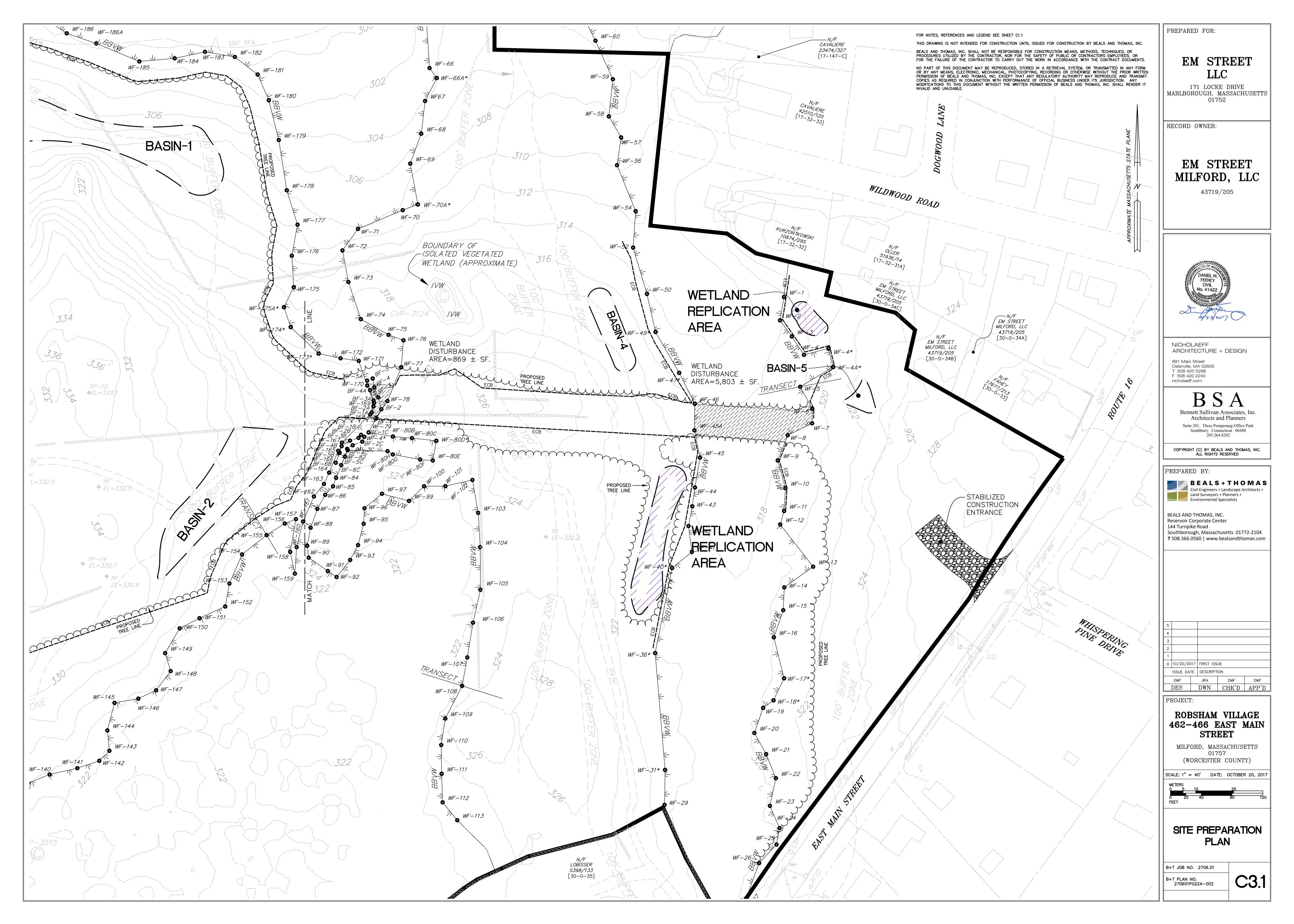
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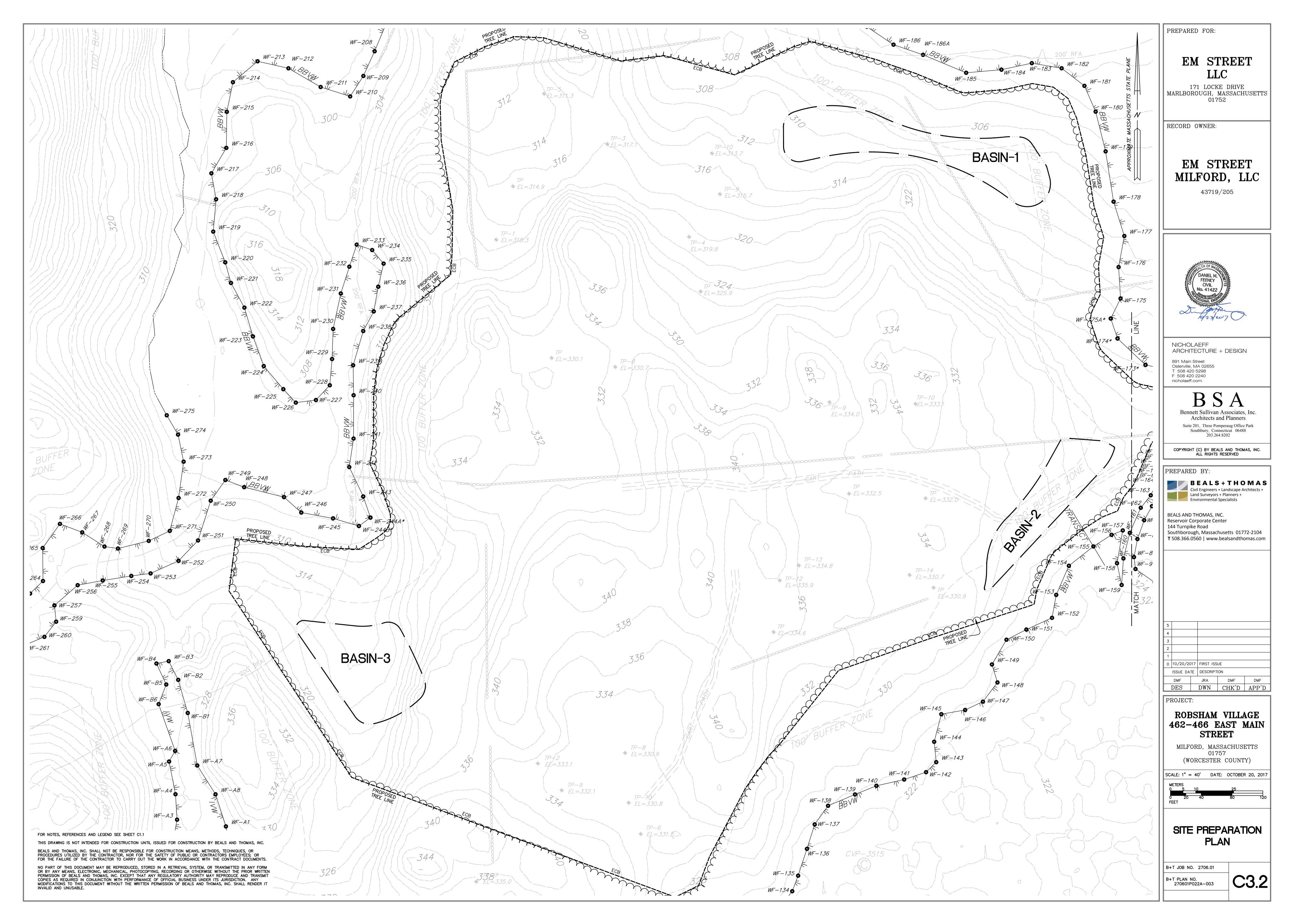


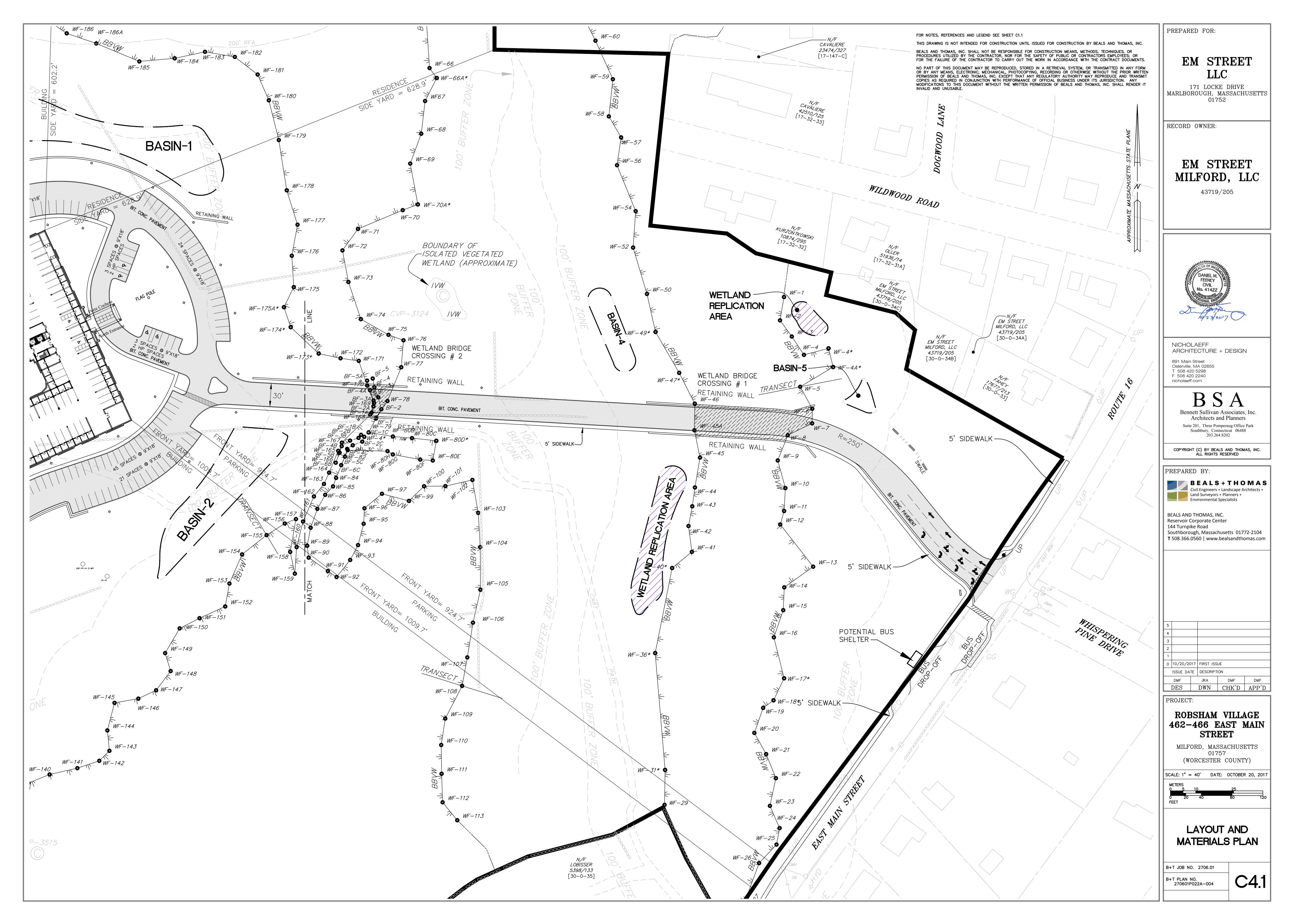


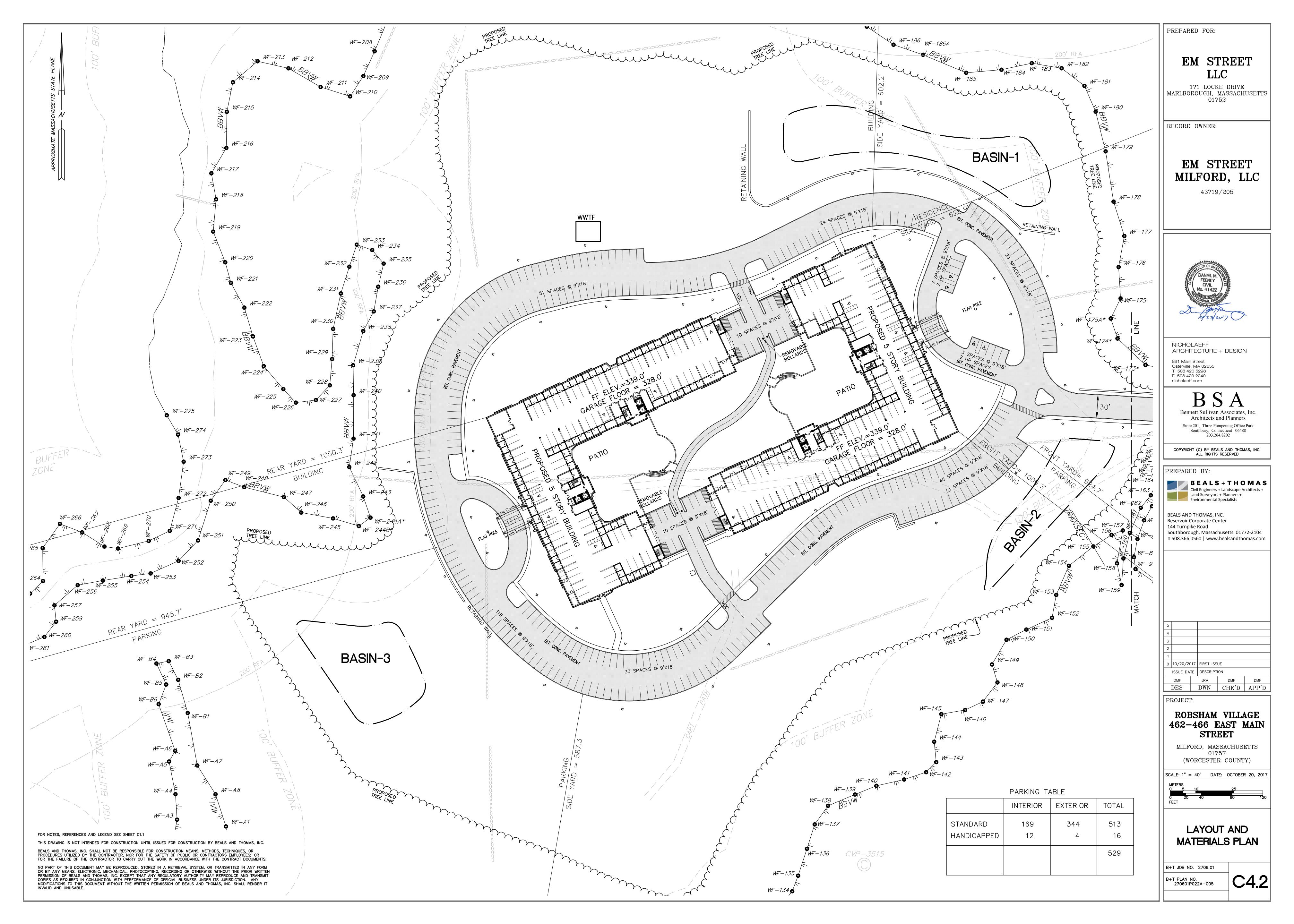


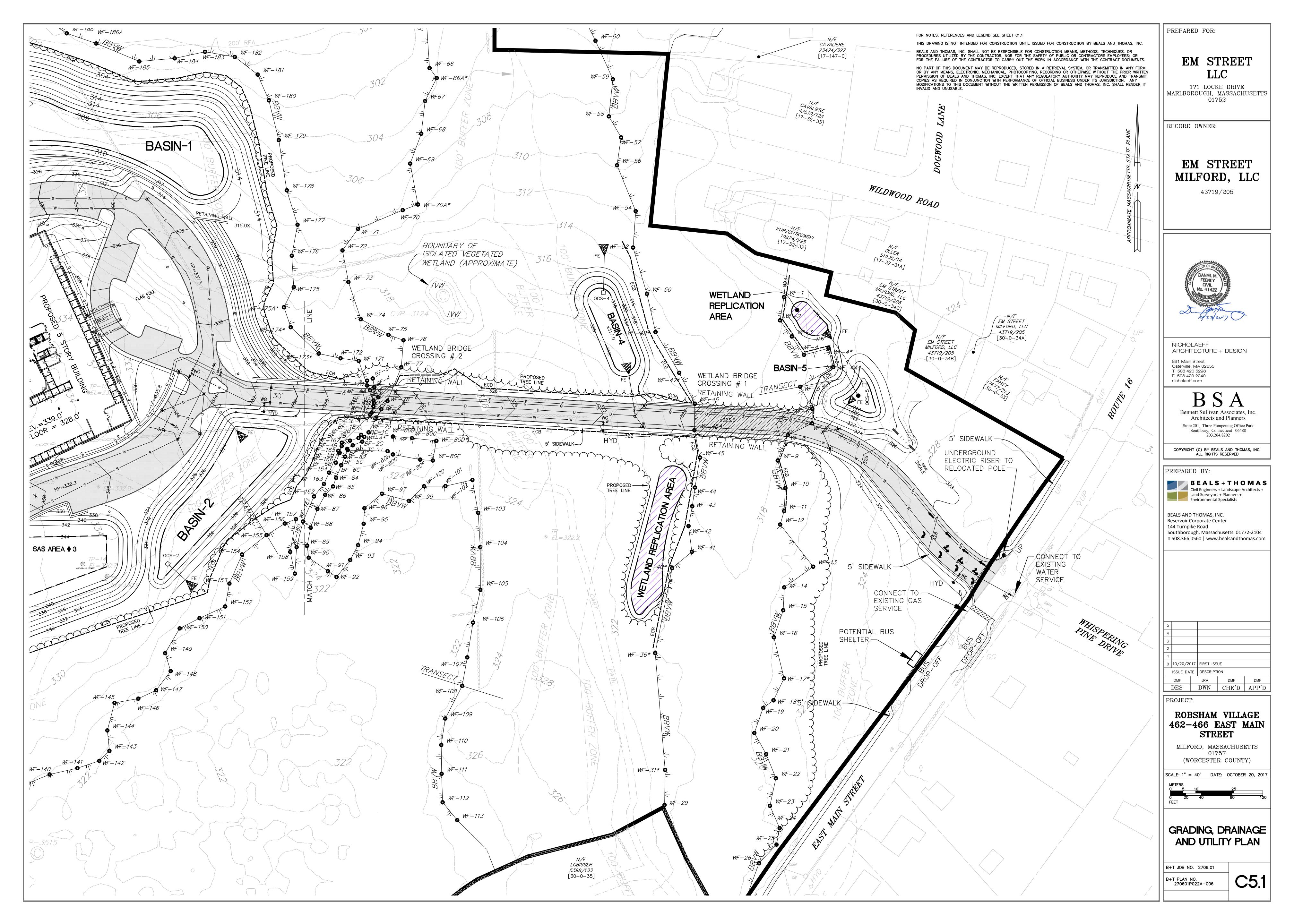


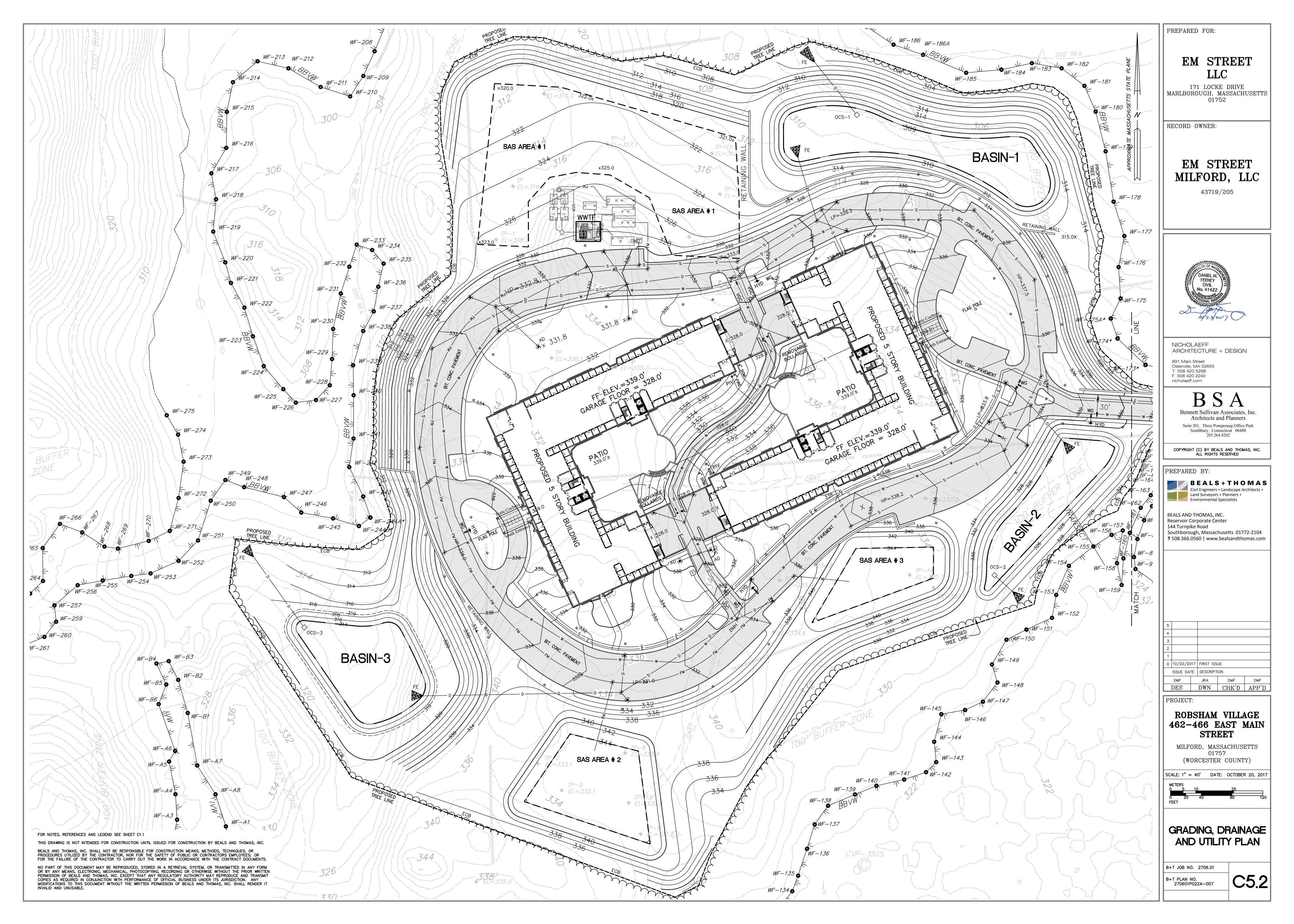


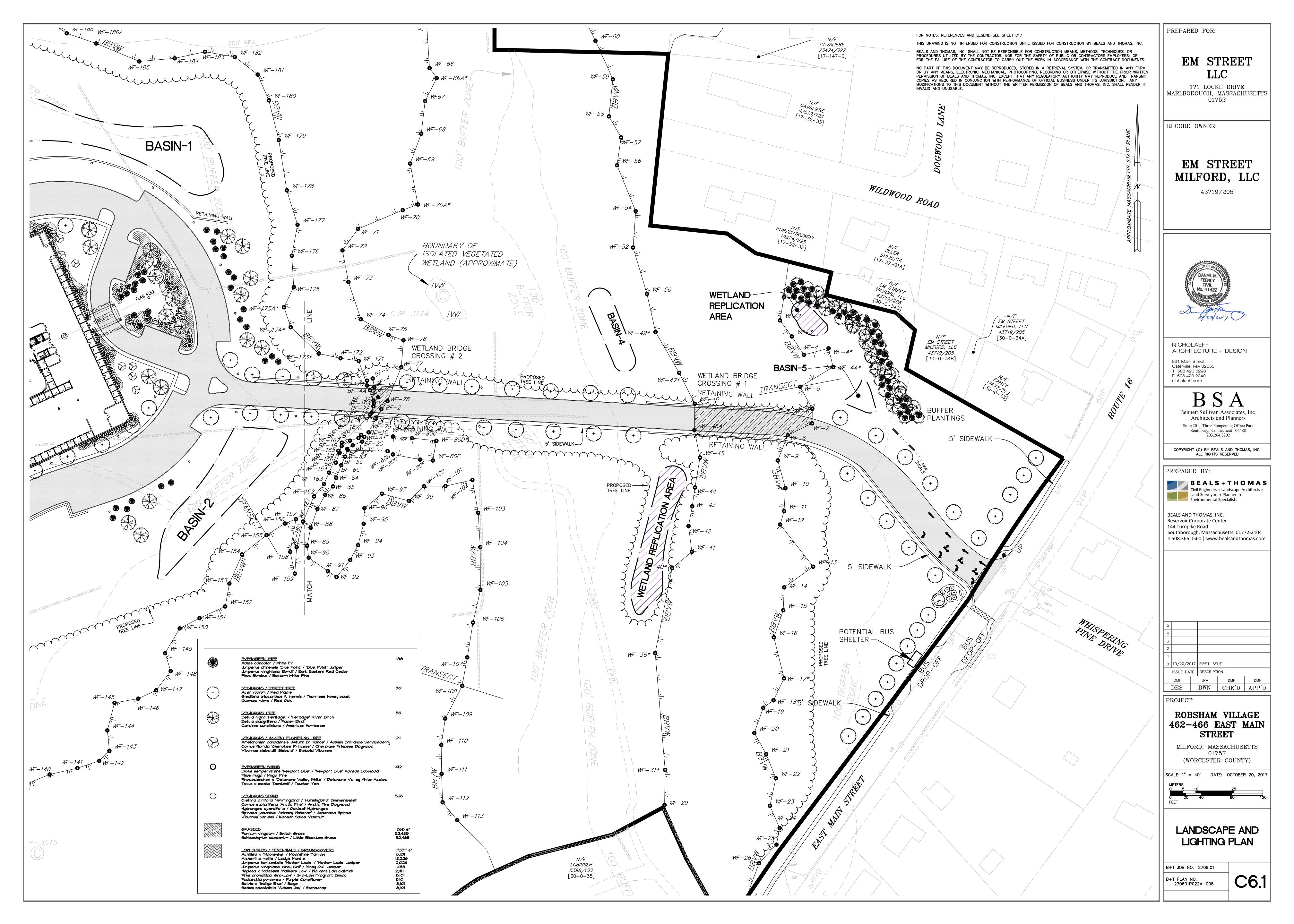


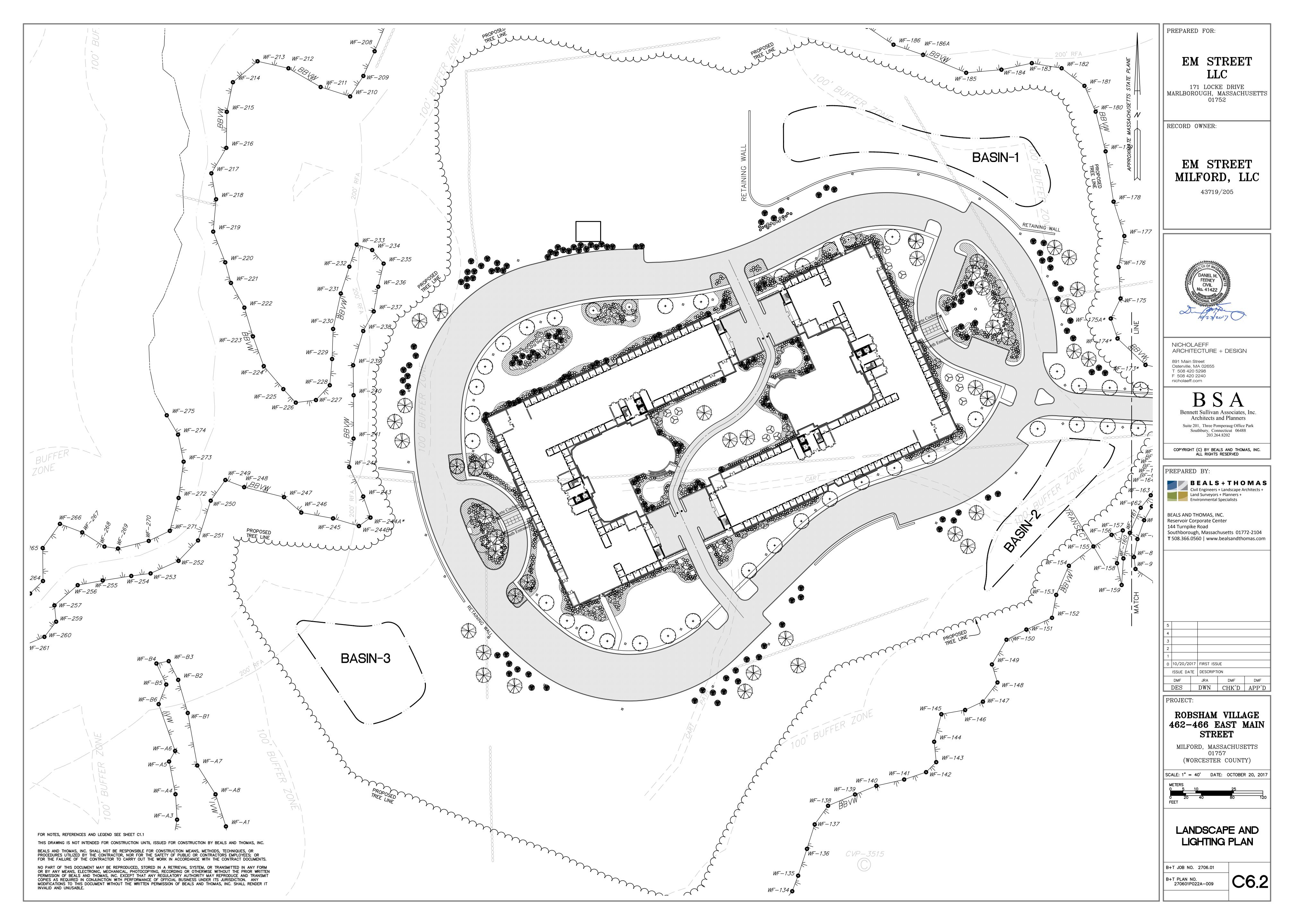


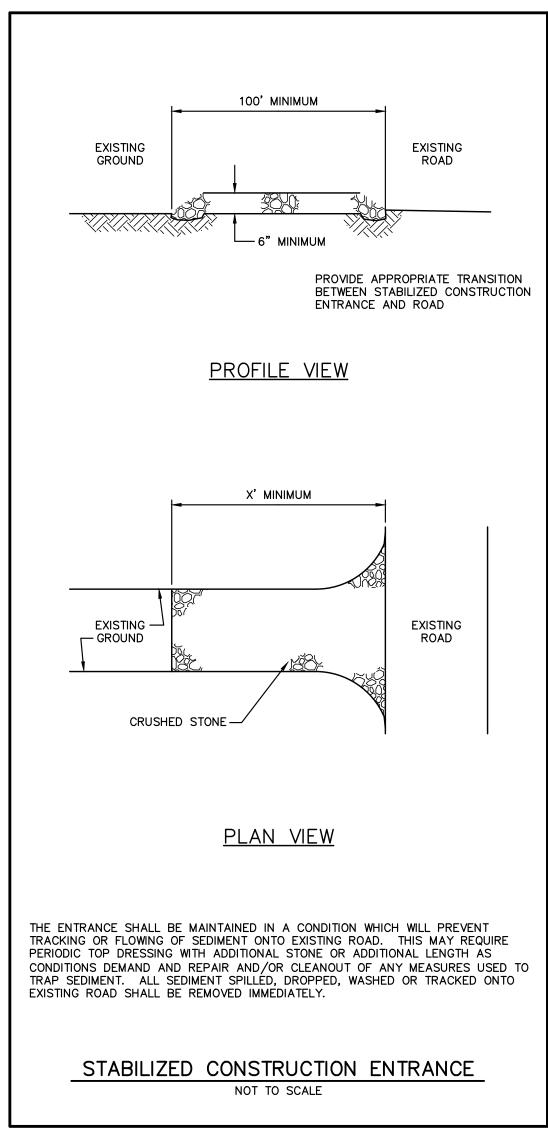


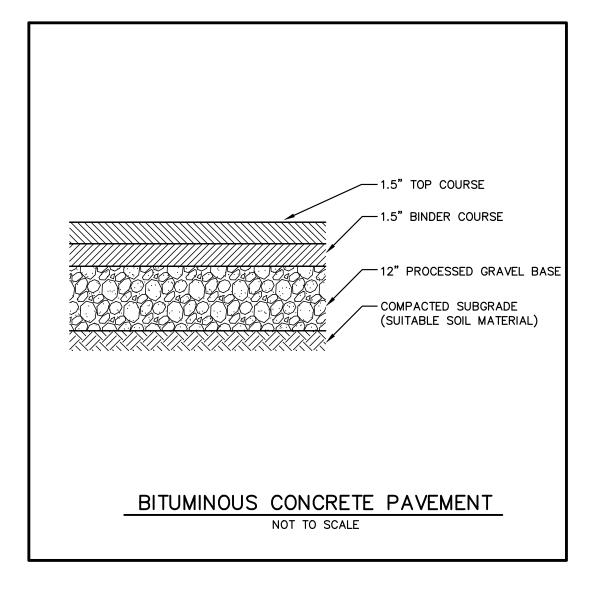


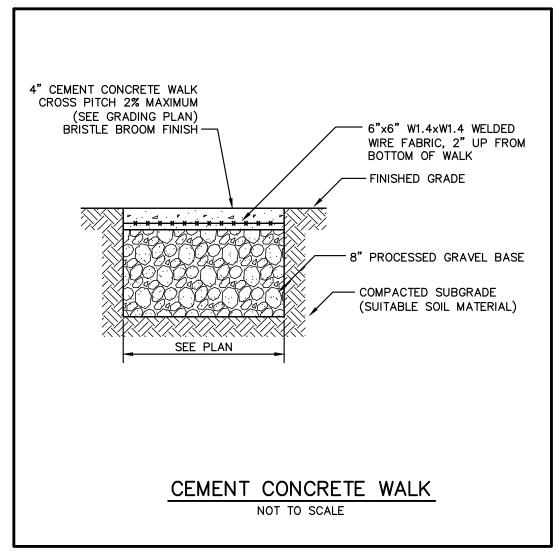


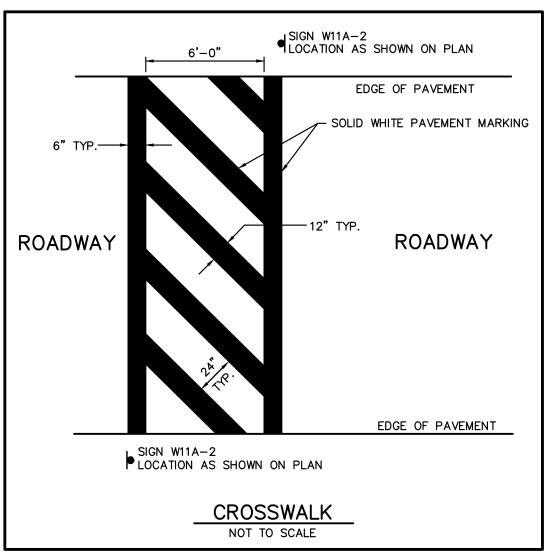


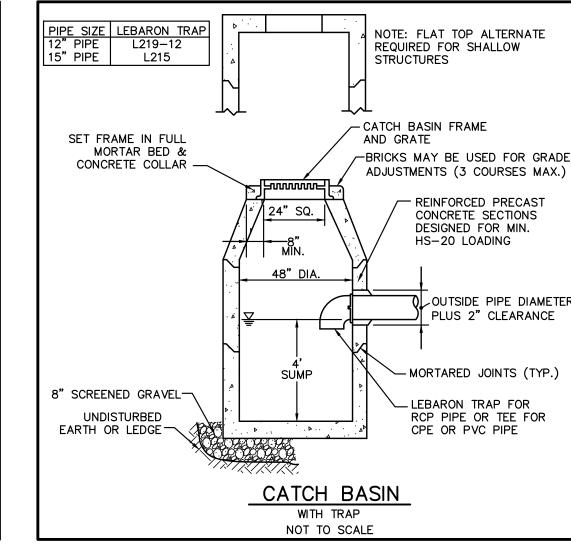


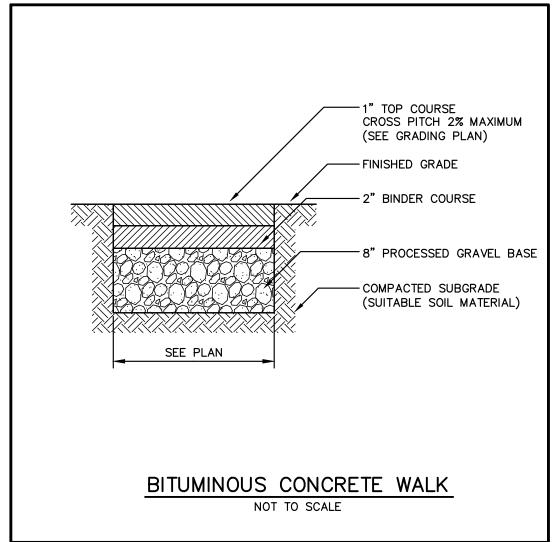


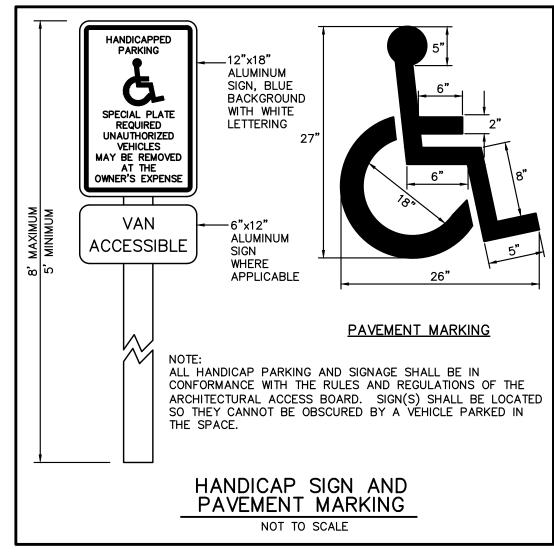


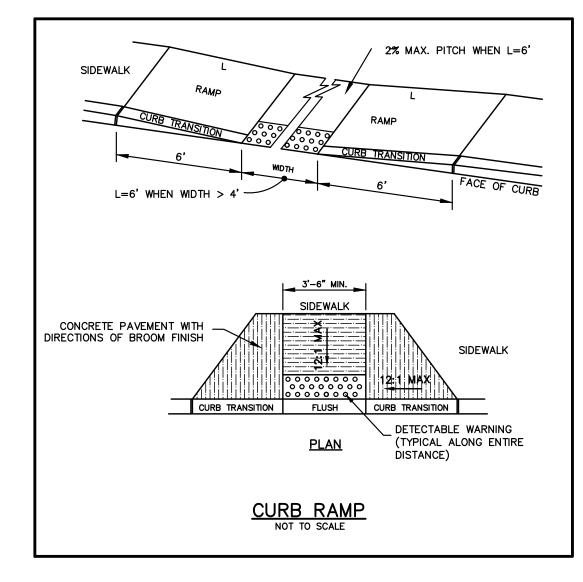


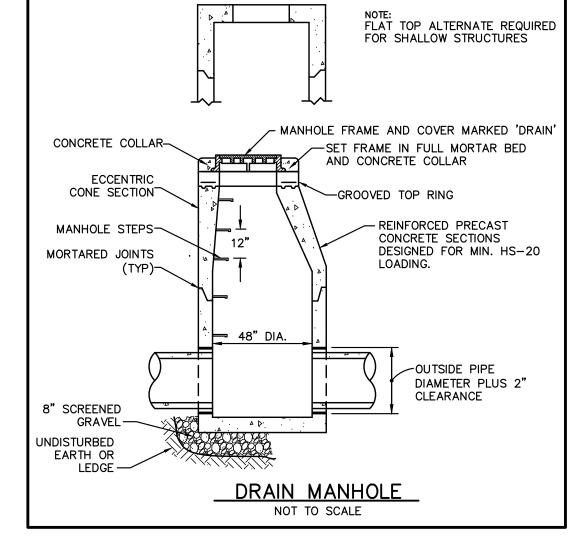


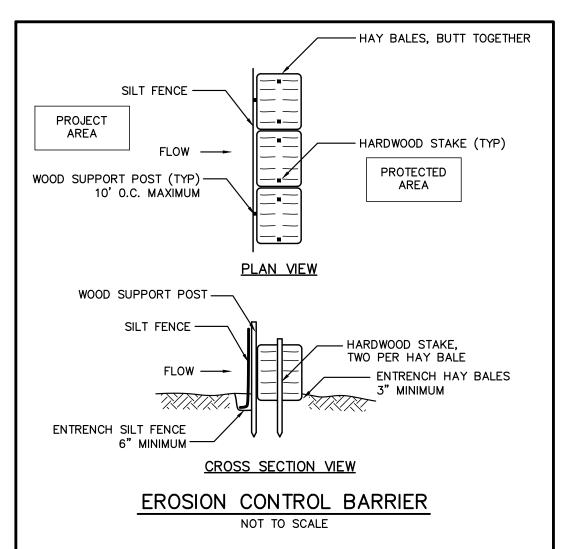


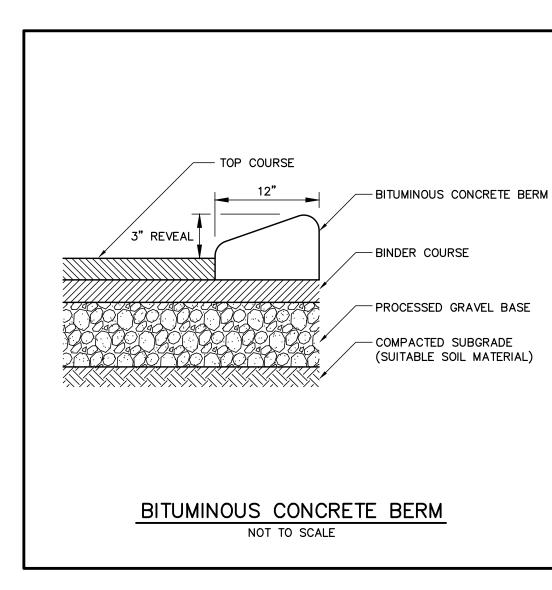


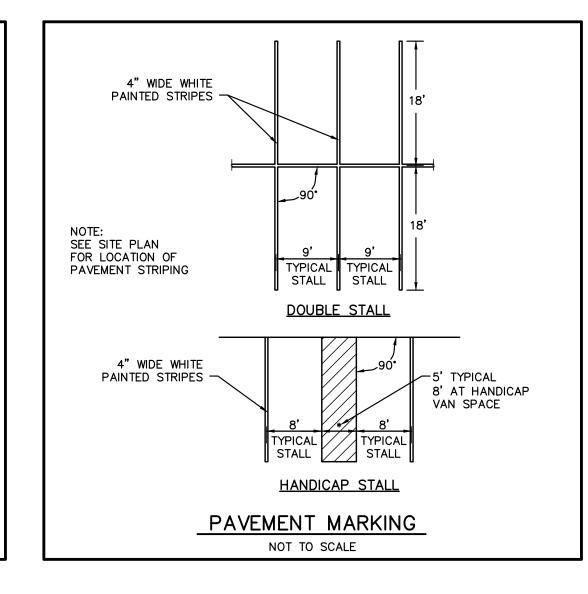


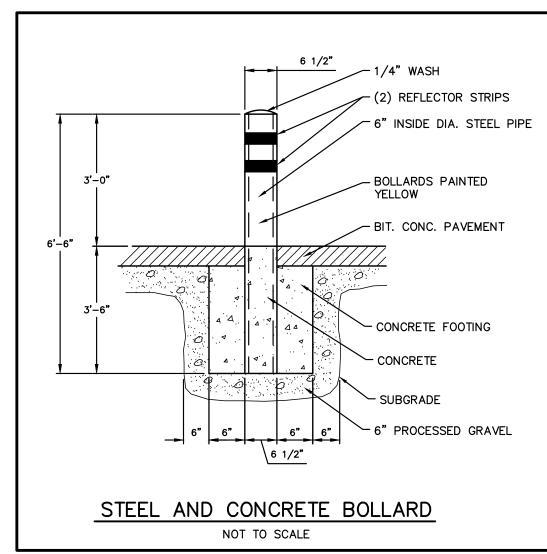


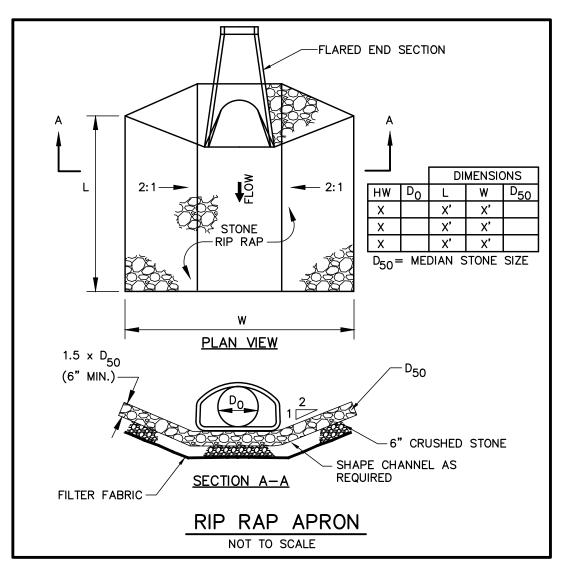


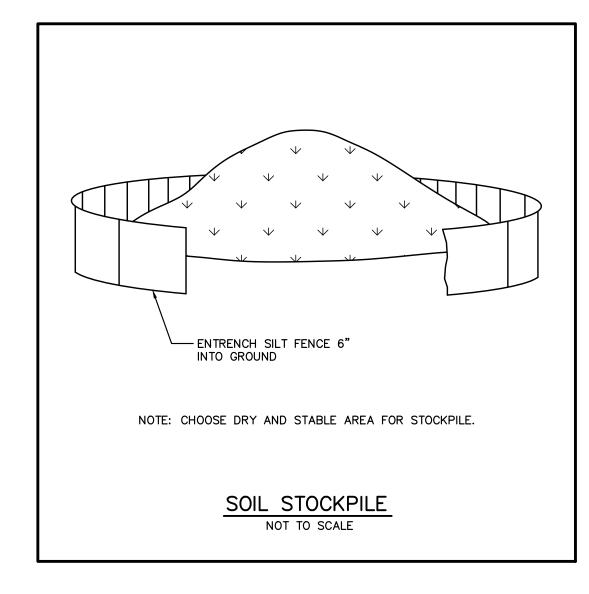


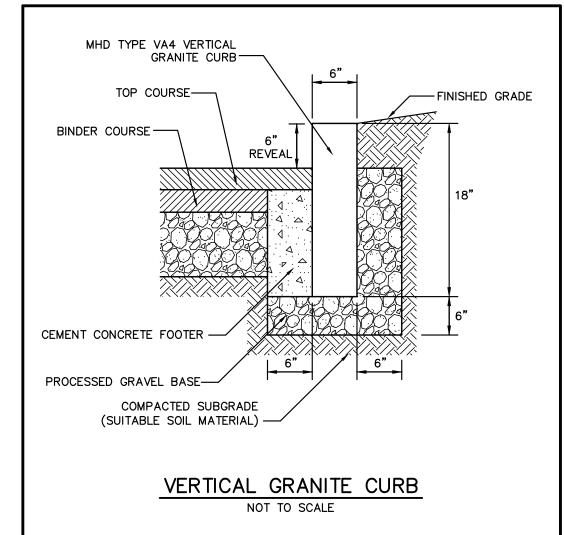


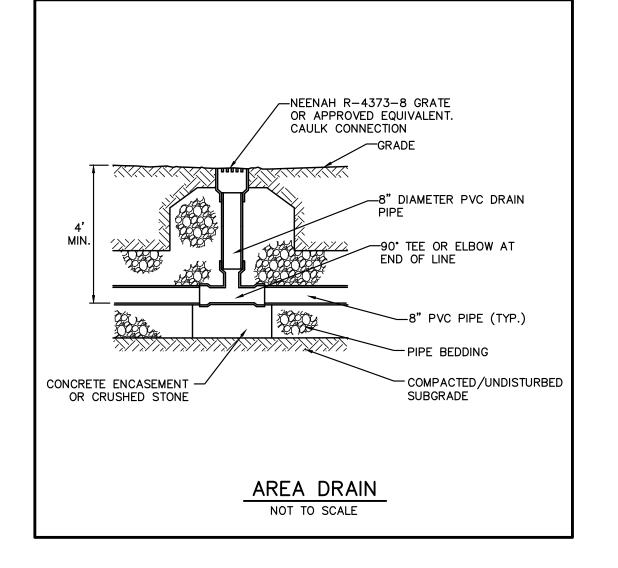












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EM STREET

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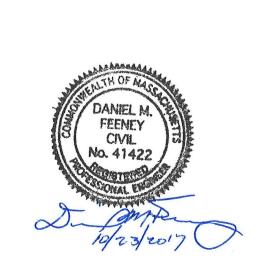
171 LOCKE DRIVE MARLBOROUGH, MASSACHUSETTS

RECORD OWNER:

PREPARED FOR:

EM STREET MILFORD, LLC

43719/205



NICHOLAEFF ARCHITECTURE + DESIGN 891 Main Street Osterville, MA 02655

T 508 420 5298 F 508 420 2240 nicholaeff.com

> Bennett Sullivan Associates, Inc. Architects and Planners Suite 201, Three Pomperaug Office Park Southbury, Connecticut 06488 203.264.8202

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PREPARED BY:

BEALS + THOMAS

Civil Engineers + Landscape Architects +

Land Surveyors + Planners +

Environmental Specialists

BEALS AND THOMAS, INC. Reservoir Corporate Center 144 Turnpike Road Southborough, Massachusetts 01772-2104 T 508.366.0560 | www.bealsandthomas.com

0 | 10/23/2017 | FIRST ISSUE ISSUE DATE DESCRIPTION JRA DMF DMF DES DWN CHK'D APP'D

PROJECT:

ROBSHAM VILLAGE 462-466 EAST MAIN STREET

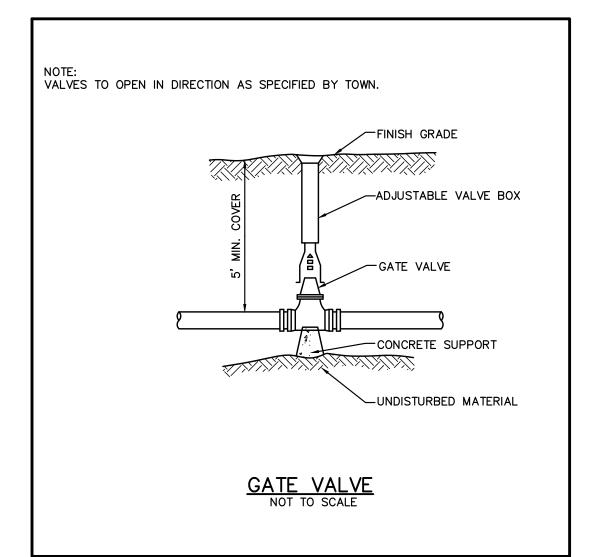
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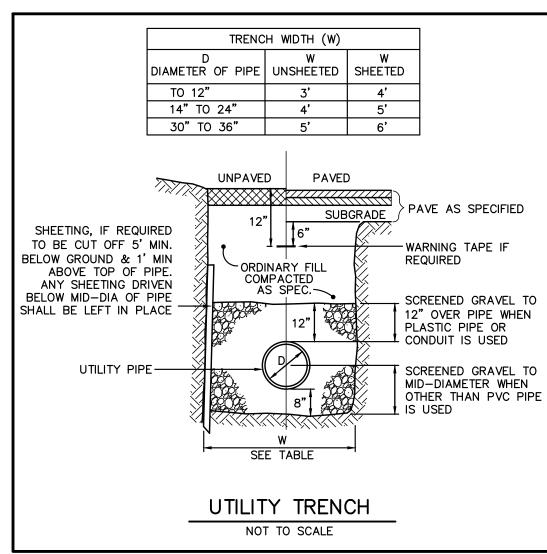
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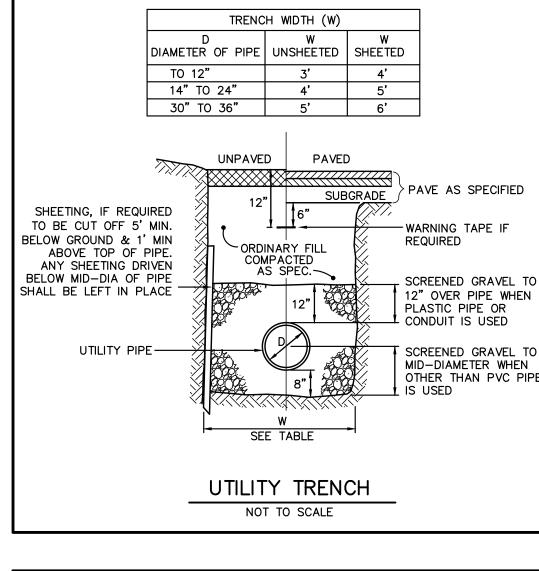
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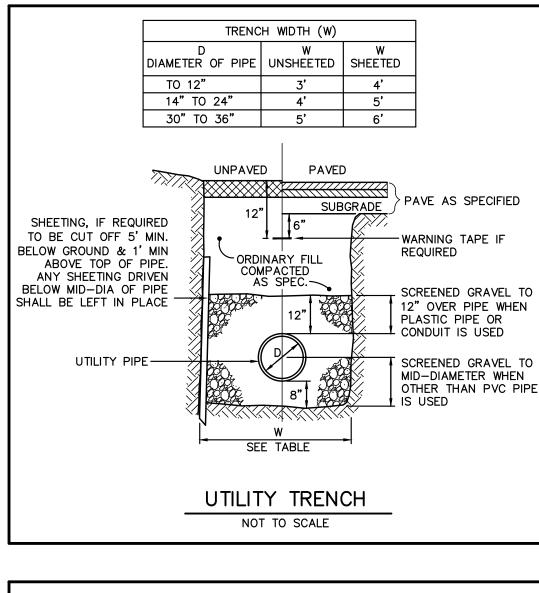
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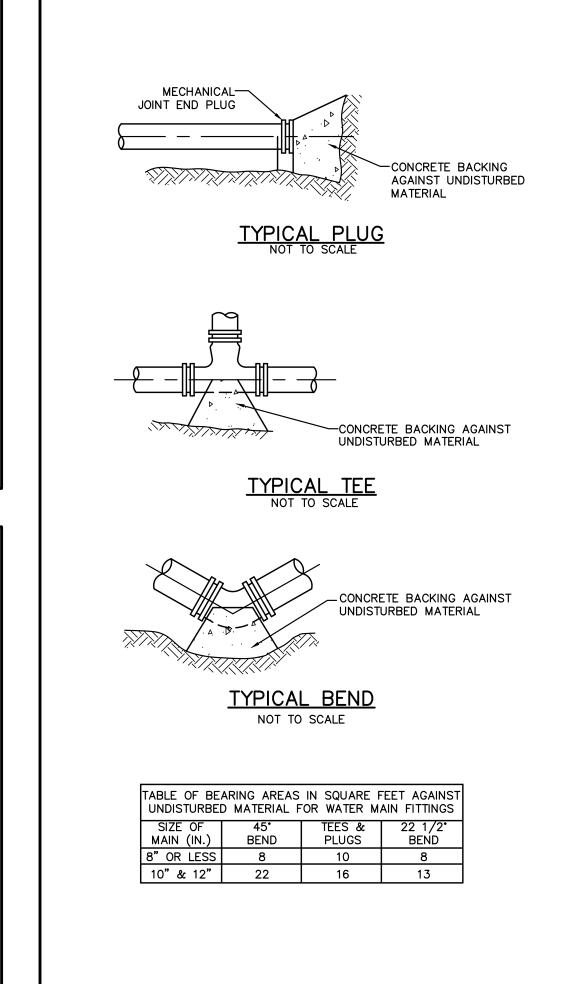
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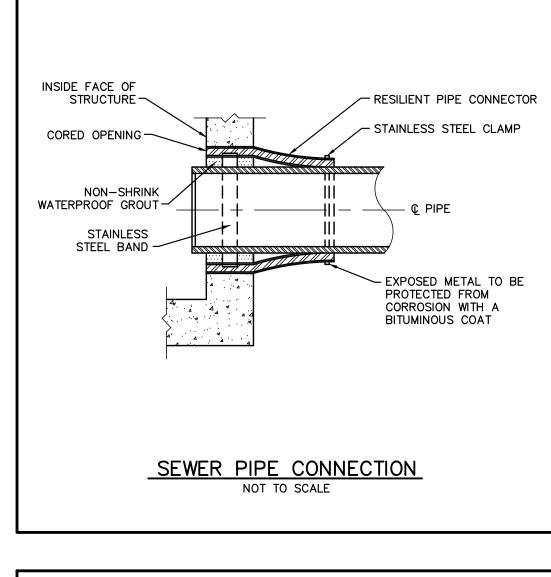


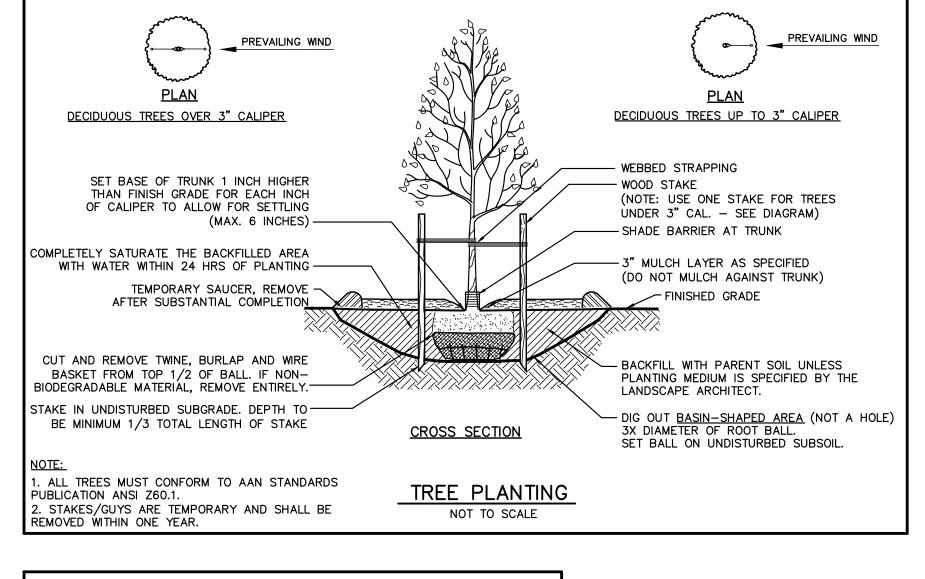


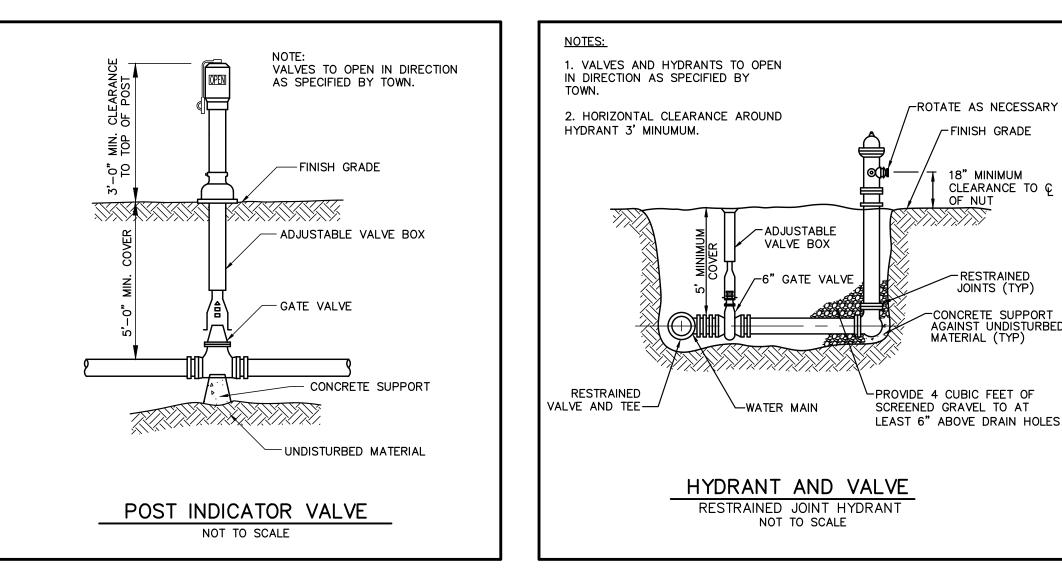


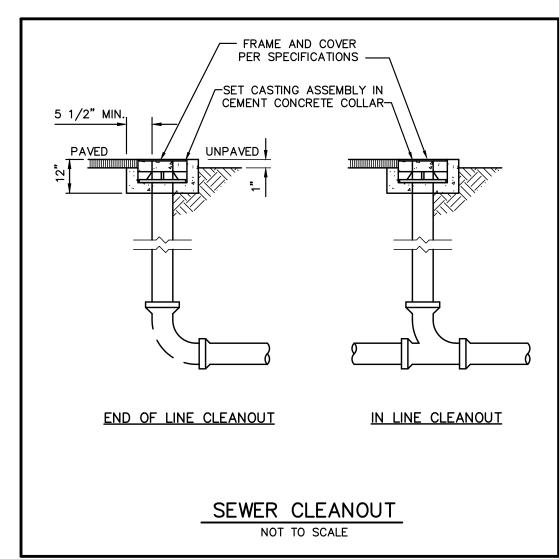


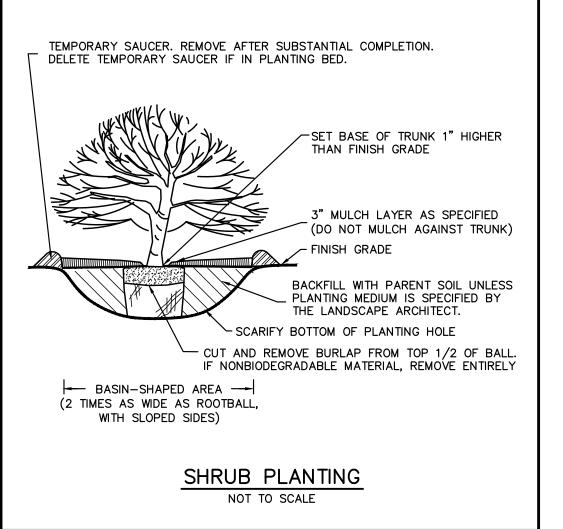


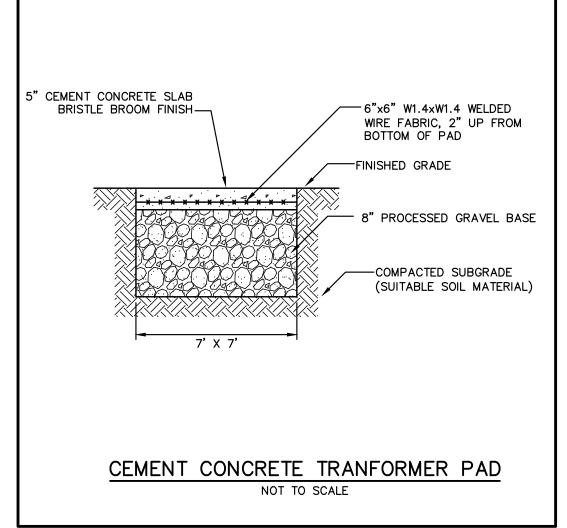


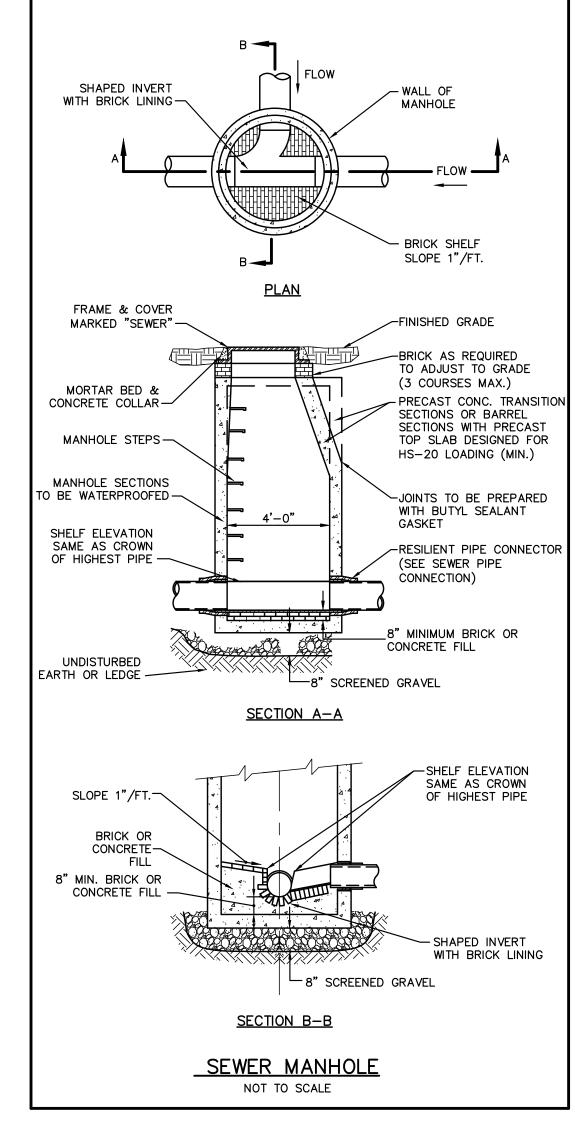


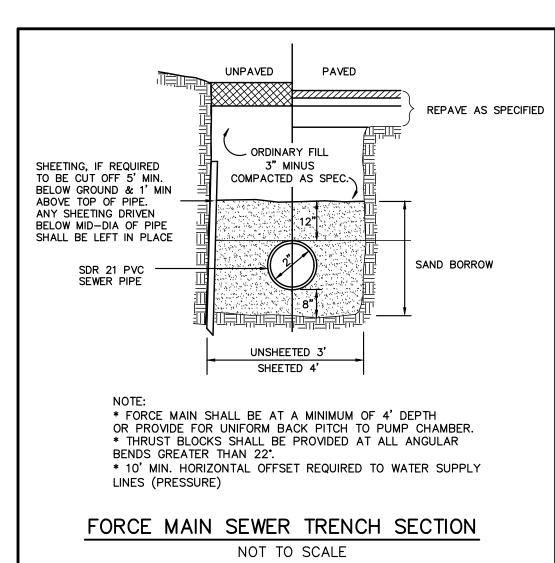




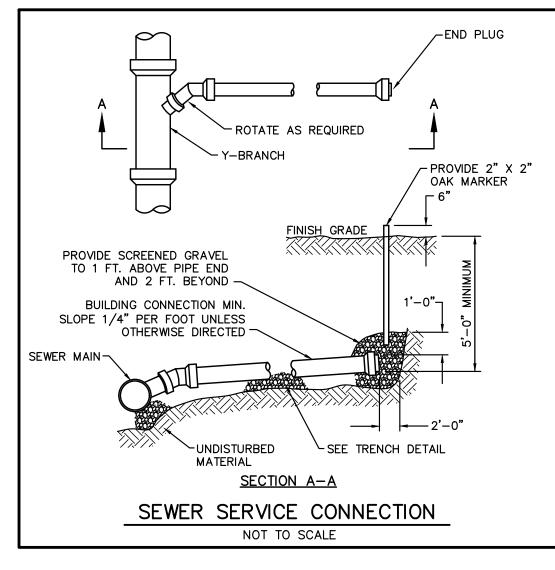


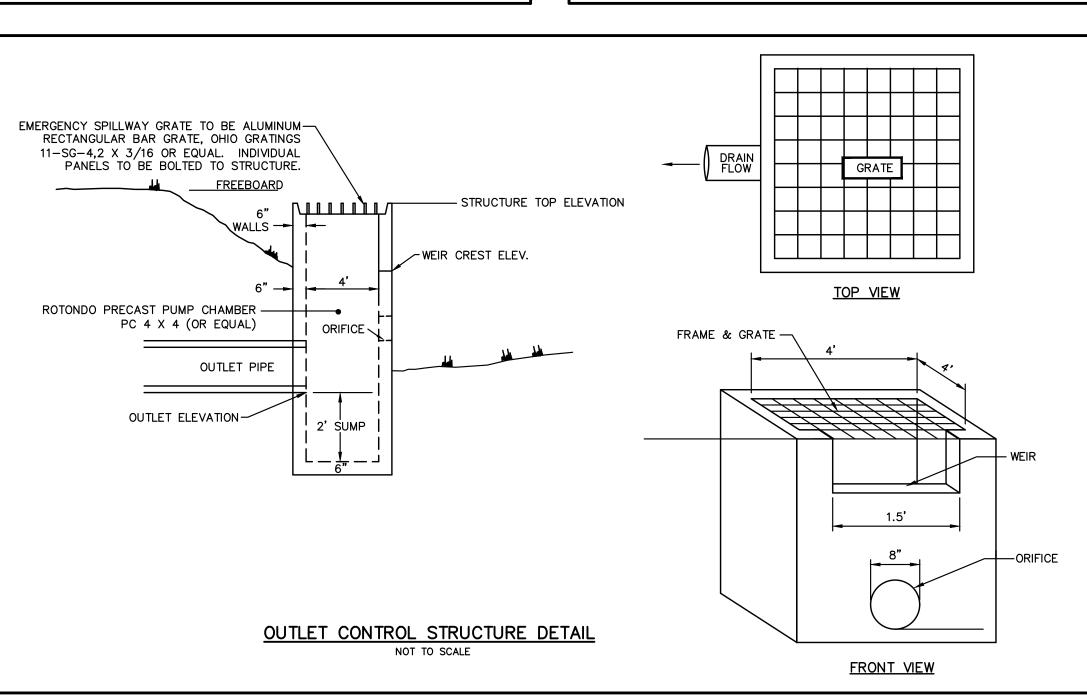


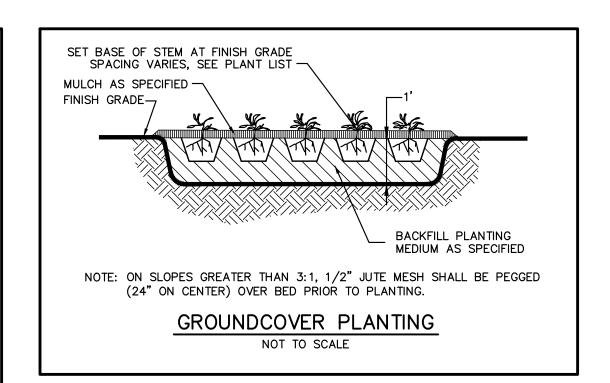


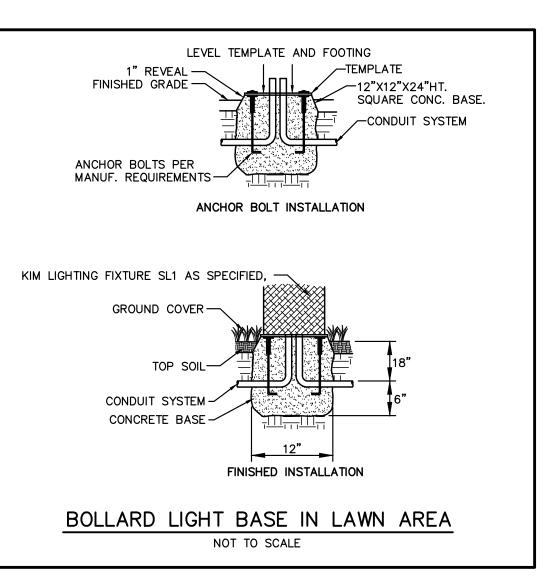


CONCRETE BACKING FOR WATER PIPE









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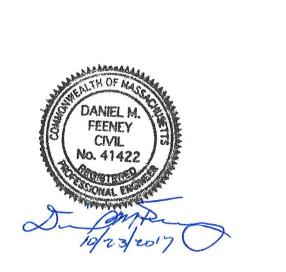
# EM STREET

171 LOCKE DRIVE MARLBOROUGH, MASSACHUSETTS 01752

RECORD OWNER:

#### EM STREET MILFORD, LLC

43719/205



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PROJECT:

#### ROBSHAM VILLAGE 462-466 EAST MAIN STREET

MILFORD, MASSACHUSETTS (WORCESTER COUNTY)

SCALE: AS NOTED DATE: OCTOBER 23, 2017

SITE DETAILS

B+T JOB NO. 2706.01 B+T PLAN NO.

270601P021A-004