DEFINITIVE SUBDIVISION AT 60 ARBOR STREET PROPERTY OF SUSAN M. HAMILTON AND JEFFREY R. HAMILTON WENHAM, MASSACHUSETTS

SUBMITTED TO THE WENHAM PLANNING BOARD FOLLOWING
THE WENHAM ZONING BYLAWS AND THE RULES AND REGULATIONS
GOVERNING THE SUBDIVISION OF LAND
DATE: DECEMBER 2, 2021

ABUTTERS WITHIN 500 FEET OF PROPERTY

Parcel Number	Property Address	Owner Name
008-0001	65 ARBOR ST	SUMINSBY DORIS R TR
008-0001-000A	67 ARBOR ST	SUMINSBBY J DAVID & JULIANA RUTH TR
008-0002	13 FOSTER ST	CANNON EMILY O'CONNELL & C TIPMORE BROWN
008-0003	12 FOSTER ST	MOLONEY JOSEPH F JR KRISTEN J TR
008-0004	15 FOSTER ST	MCNALL CAMERON A & NANCY D
008-0005	10 FOSTER ST	CALANDRA MARK R & ALISON T
008-0006	17 HOWARD ST	MURPHY JAMES W
008-0011	65 HOWARD ST	PADLEY SIMON
008-0012	HOWARD ST	ESCH RYAN J & MEGAN E
008-0013	70 ARBOR ST	CONGDON, CHALMERS
008-0014	74 ARBOR ST	RICHARDSON JON S JR
008-0015	1 SETTLER'S LANE	PAYNE CHRISTOPHER K & KATHRYN CARR
008-0015-000A	3 SETTLER'S LANE	FLYNN MICHAEL P JR
008-0015-000D	2 SETTLER'S LANE	FALL CHRISTOPHER L
008-0016	ARBOR ST	WALSH LAURA
013-0007	49 ARBOR ST	HATCH GEORGE W M
013-0008	5 JUNIPER ST	TOBEY STEPHEN M
013-0009	9 JUNIPER ST	SKINNER THOMAS R & HUNTLEY L
013-0011	14 JUNIPER ST	COLARUSSO PHILIP D
013-0012	12 JUNIPER ST	BURRIDGE MEGAN J
013-0013	6 JUNIPER ST	SWINNERTON PAUL W & LINDA P TR
013-0014	4 JUNIPER ST	MONTANARI MARC A & LYNNE T TR
013-0015	63 ARBOR ST	DONAHUE ANTHONY J & EDNA F
013-0016	2 JUNIPER ST	COLLINS HUGH J JR & JOHN J TRSTS
013-0017	55 ARBOR ST	SPRAGUE PHINEAS S
013-0068	4 PORTER ST	SMOLIK ELIZABETH C & DANIEL M MILLIGAN
013-0069	6 PORTER ST	BELLIVEAU ANDREW
013-0070	8 PORTER ST	LUCIA RODNEY J & SUSAN
013-0076	19 PORTER ST	CARNEY TIMOTHY JOHN JR
013-0076	19 PORTER ST	BINKERD CASEY ELIZABETH
013-0076	19 PORTER ST	CARNEY TIMOTHY JOHN JR
013-0076	19 PORTER ST	BINKERD CASEY ELIZABETH
013-0076	19-19 PORTER ST	UNKNOWN
013-0077	17 PORTER ST	PASQUARELLO DANIEL J
013-0078	15 PORTER ST	DESIMONE JOHN F
013-0079	11 PORTER ST	LOCKE PETER B
013-0080	7 PORTER ST	FERRIS PETER G & MURRAY GAIL A
013-0081	5 PORTER ST	DUFFY JOHN P & NANCY A
013-0082	1 PORTER ST	IRELAND DAVID R
013-0083	56 ARBOR ST	DOLAN JAMES M & SHERRILYN
013-0084	60 ARBOR ST	HAMILTON JEFFREY R
013-0087	3 FOSTER ST	CLARK REMINGTON A III & LYNN G TR
013-0088	5 FOSTER ST	BEGIEN J FREDERIC JR
013-0089	7 FOSTER ST	LECLERC DANIEL & KARA
013-0009	9 FOSTER ST	ASHLEY ERNEST C & LINDA A
013-0090	11 FOSTER ST	LUSTIG ERIC A
013-0091	17 FOSTER ST	MAUNSELL WILLIAM A & COURTNEY C
		DRAPER MARK D & REBECCA STRATTON DRAPER
013-0093	15 HOWARD ST	
013-0094 013-0142	11 HOWARD ST 58 ARBOR ST	PUKALA MICHAEL FRANCIS & ALLISON ELIZ LIPHARDT MARC

REQUESTED WAIVERS FROM RULES AND REGULATIONS GOVERNING THE SUBDIVISION OF LAND

- 1. SIDEWALKS SHALL BE PROVIDED ON ONE OR BOTH SIDES OF STREETS WHEN, IN THE OPINION OF THE BOARD, THEY ARE WARRANTED. § 4.1.4.3; APPLICANTS PROPOSE NO SIDEWALKS.
- 2. THE SIZE OF WATER MAINS ON ANY STREET SHALL BE NOT LESS THAN EIGHT INCHES (8") INSIDE DIAMETER. § 4.7.5.4; APPLICANTS PROPOSE ONE 1" WATER SERVICE FOR THE ONE PROPOSED SINGLE FAMILY HOUSE.



LOCUS MAP

Scale: 1" = 400'

Zoning District: Residential (R)

APPLICANTS

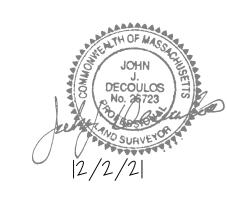
SUSAN M. HAMILTON AND JEFFREY R. HAMILTON 60 ARBOR STREET WENHAM, MA 01984

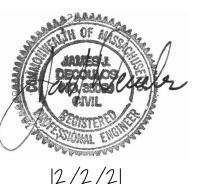
CIVIL ENGINEER

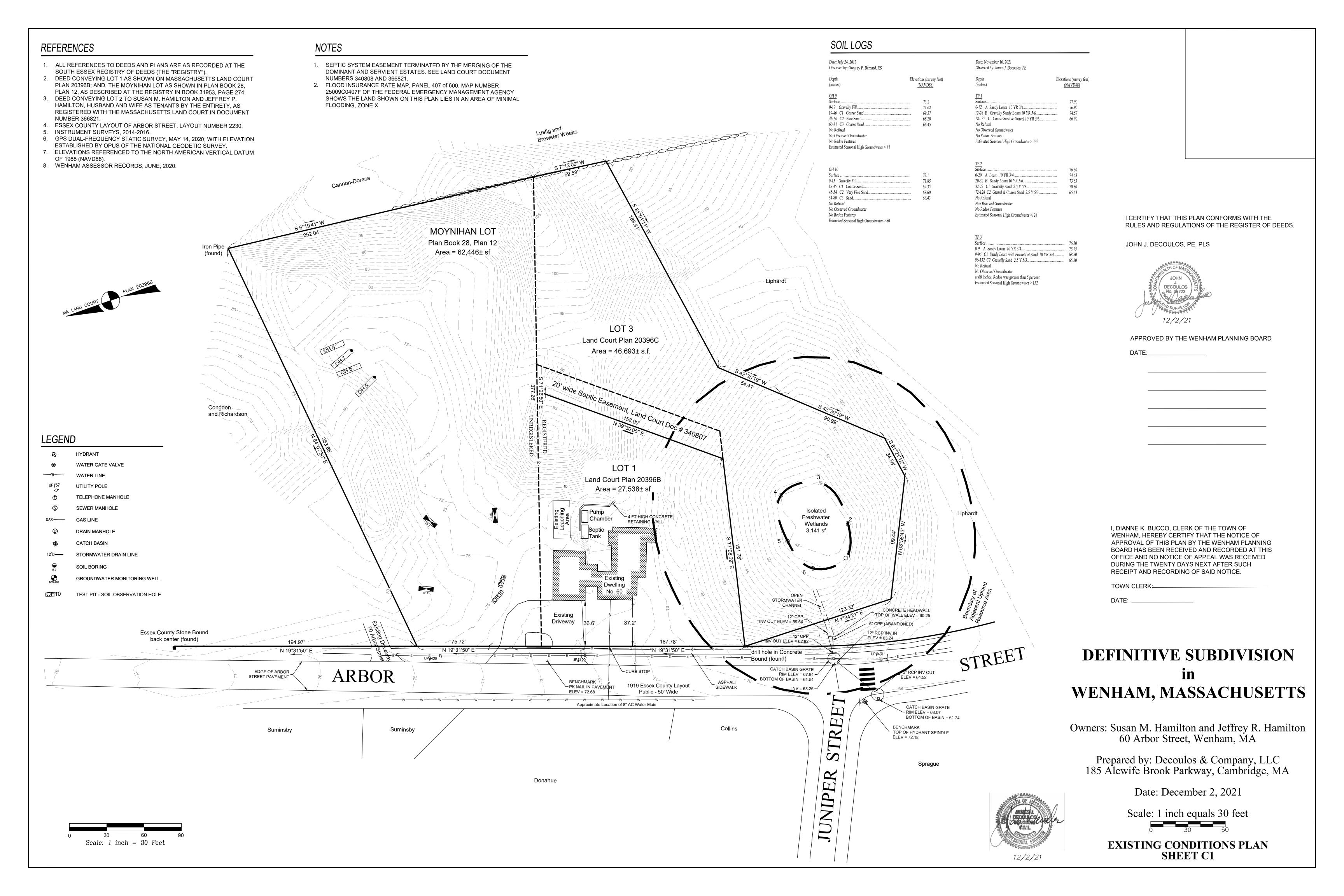
DECOULOS & COMPANY, LLC 185 ALEWIFE BROOK PARKWAY CAMBRIDGE, MA 02138 WWW.DECOULOS.COM 617.489.7795

SHEET INDEX

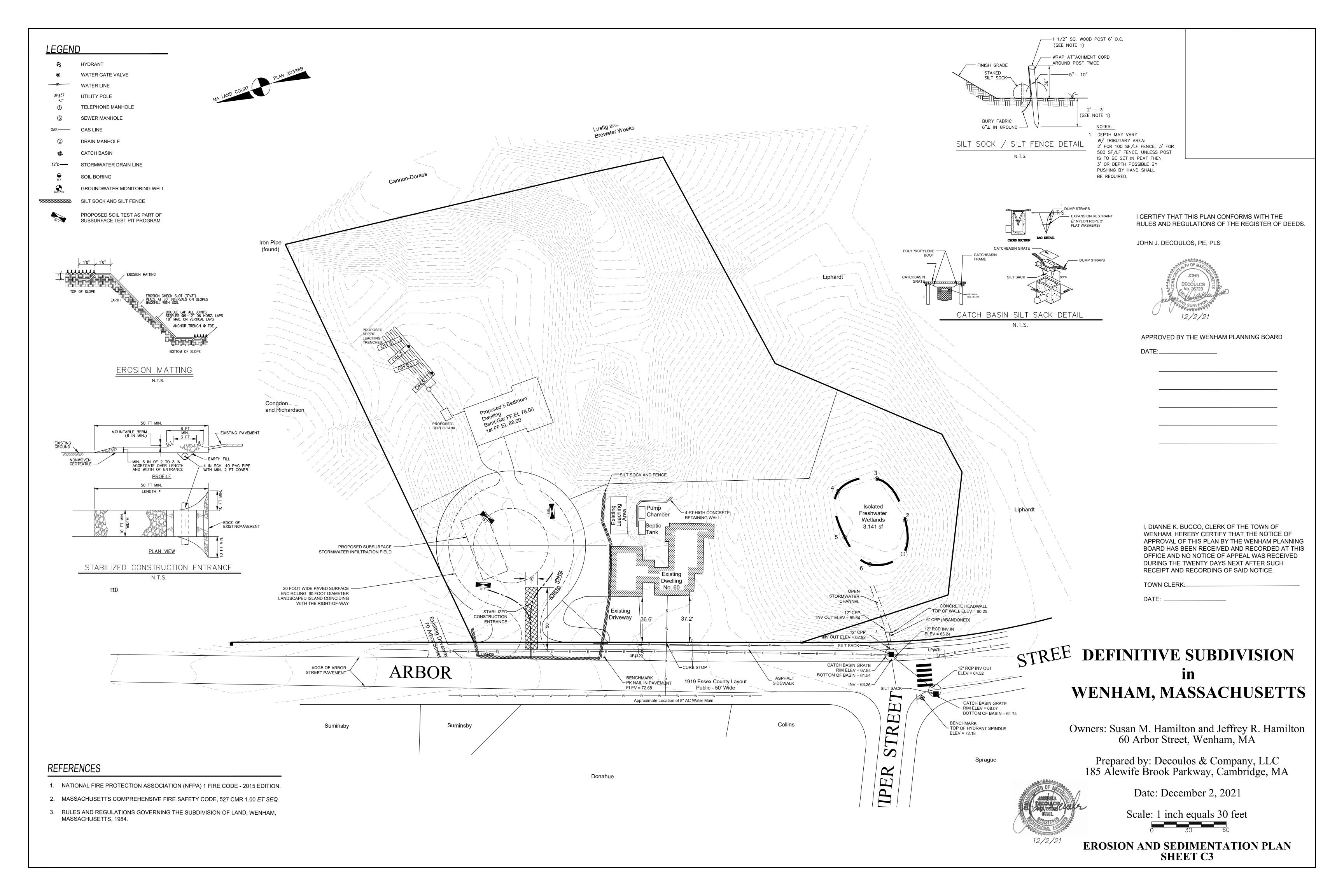
TITLE SHEET	
EXISTING CONDITIONS PLAN	C1
PROPOSED SUBDIVISION PLAN	C2
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GRADING AND STORMWATER	
MANAGEMENT PLAN	C4
UTILITY PLAN	C5
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TREE AND LANDSCAPING PLAN	C7
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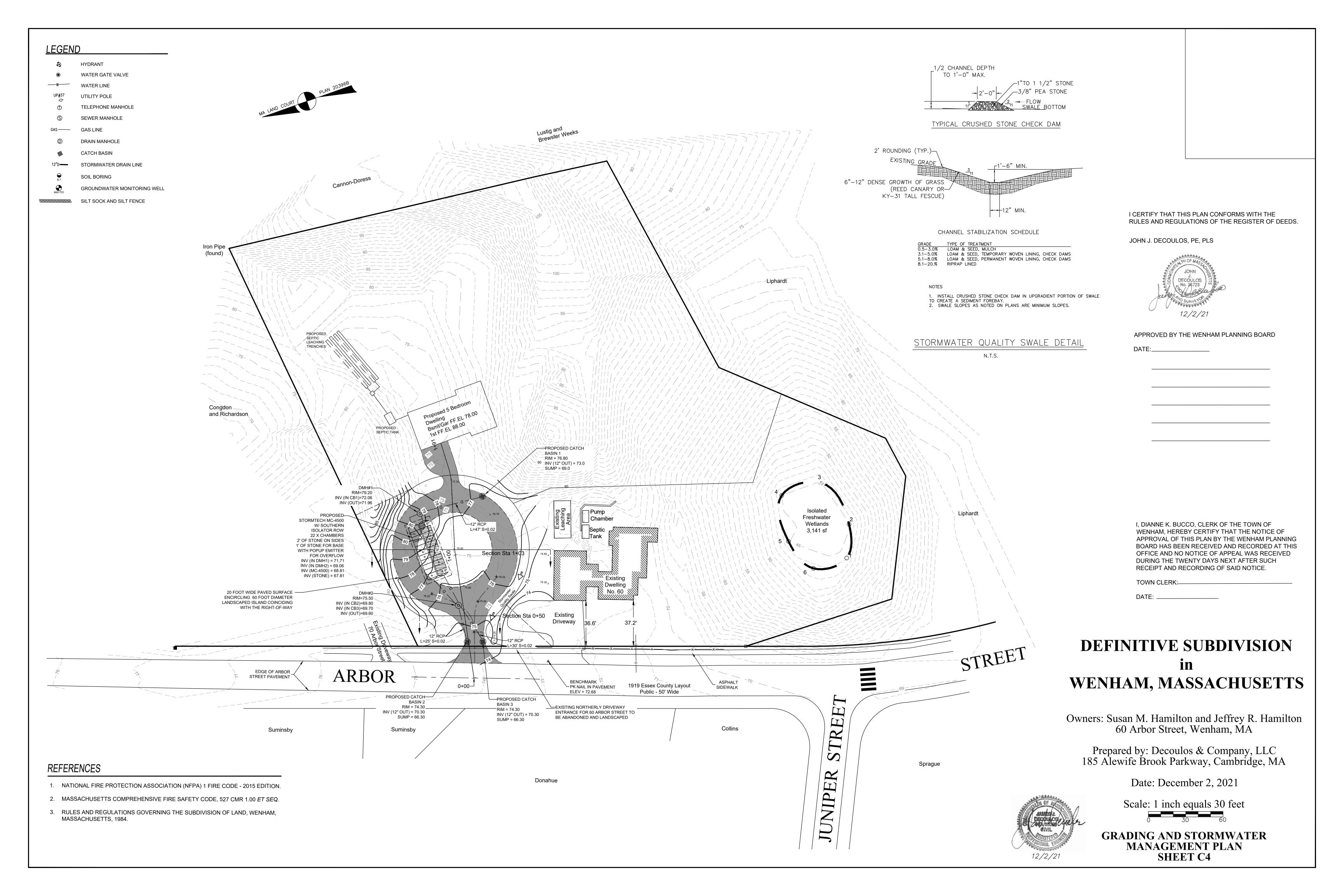


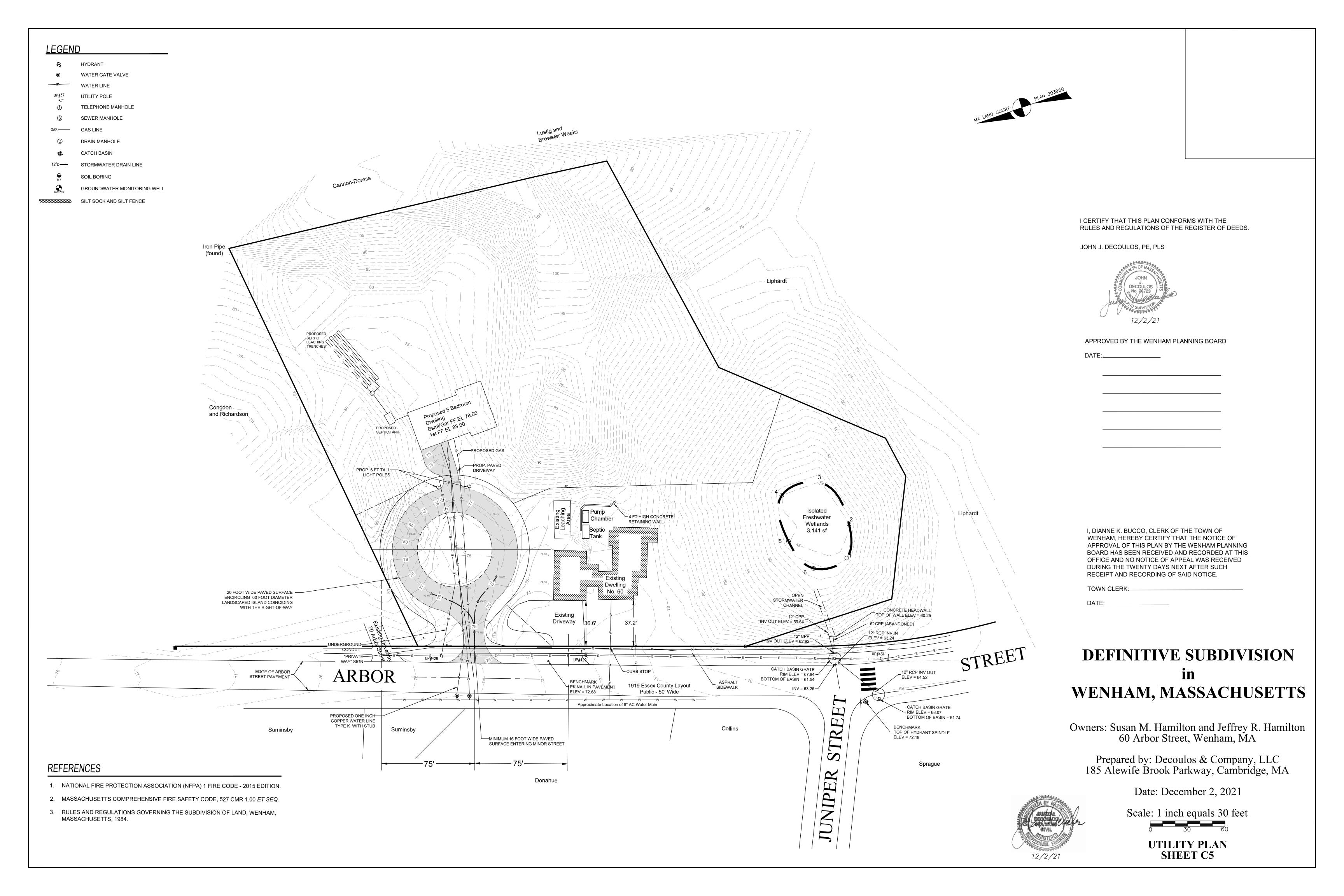


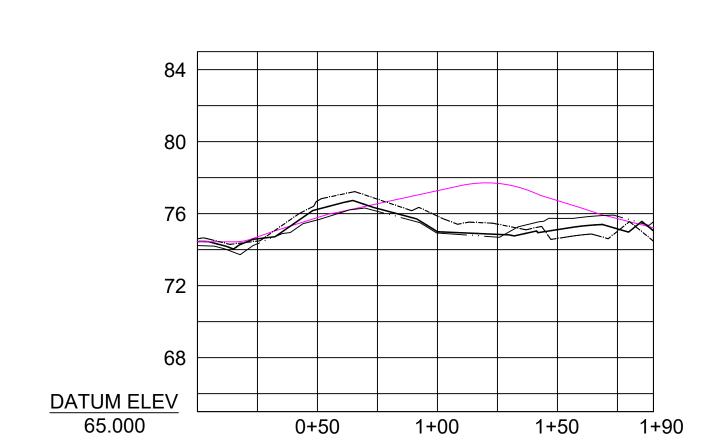


REFERENCES 1. ALL REFERENCES TO DEEDS AND PLANS ARE AS RECORDED AT THE SOUTH ESSEX REGISTRY OF DEEDS (THE "REGISTRY"). 2. DEED CONVEYING LOT 1 AS SHOWN ON MASSACHUSETTS LAND COURT PLAN 20396B; AND, THE MOYNIHAN LOT AS SHOWN IN PLAN BOOK 28, PLAN 12, AS DESCRIBED AT THE REGISTRY IN BOOK 31953, PAGE 274. 3. DEED CONVEYING LOT 2 TO SUSAN M. HAMILTON AND JEFFREY P. HAMILTON, HUSBAND AND WIFE AS TENANTS BY THE ENTIRETY. AS REGISTERED WITH THE MASSACHUSETTS LAND COURT IN DOCUMENT 4. ESSEX COUNTY LAYOUT OF ARBOR STREET, LAYOUT NUMBER 2230. 5. INSTRUMENT SURVEYS OF BOUNDARY, 2014-2016. 6. WENHAM ASSESSOR RECORDS, JUNE, 2020. **NOTES** I CERTIFY THAT THIS PLAN CONFORMS WITH THE 1. THE SMALLER PORTION OF LOT 5 CONTAINS A TOTAL OF 136 LINEAR RULES AND REGULATIONS OF THE REGISTER OF DEEDS. FEET OF PERIMETER AS DESCRIBED IN THE DEFINITION OF LOT AREA IN - 15 FT REAR YARD SETBACK SECTION 2.2 OF THE WENHAM ZONING BYLAWS. ACCORDINGLY, THE AREA OF THE SMALLER PORTION OF LOT 5 IS CONSIDERED IN THE JOHN J. DECOULOS, PE, PLS OVERALL AREA OF LOT 5. 2. THE SMALLER PORTION OF LOT 6 CONTAINS A TOTAL OF 193 LINEAR FEET OF PERIMETER AS DESCRIBED IN THE DEFINITION OF LOT AREA IN SECTION 2.2 OF THE WENHAM ZONING BYLAWS. Liphardt 3. GRANITE BOUNDS SHALL BE INSTALLED FOLLOWING THE REQUIREMENTS OF SECTION 5.11.1 OF THE WENHAM RULES AND REGULATIONS GOVERNING THE SUBDIVISION OF LAND. LOT 6 AREA: ∕-15 FT SIDE YARD SETBACK 80,791±s.f. APPROVED BY THE WENHAM PLANNING BOARD BUILDING ENVELOPE Congdon and Richardson - 20 FT FRONT YARD SETBACK FRONTAGE OF LOT 6 = 175 FT 162.57' N 17°58'23" E PROPOSED GRANITE STONE BOUND (TYP.) **SMALLER PORTION** Isolated Freshwater Liphardt I, DIANNE K. BUCCO, CLERK OF THE TOWN OF OF LOT 6 WENHAM, HEREBY CERTIFY THAT THE NOTICE OF Wetlands perimeter = 193 feet 3,141 sf LOT 5 area = 728 s.f. **HAMILTON** OFFICE AND NO NOTICE OF APPEAL WAS RECEIVED N 84°07'30" E_ 59.16' DURING THE TWENTY DAYS NEXT AFTER SUCH CIRCLE AREA: RECEIPT AND RECORDING OF SAID NOTICE. L=6.25', R=40.00' 43,150±s.f. TOWN CLERK: Existing LOT 7 DETAIL Dwelling S 28°11'11" E SCALE: 1'' = 10'L=19.30', R=10.00'— 36.6' **Essex County Stone Bound** FRONTAGE OF LOT 5 = 187.78 FT back center (found) 194.97' 75.72' STREET N 19°31'50" E N 19°31'50" E −N 19°31'50" E-__drill hole in Concrete _N 19°31'50" E Bound (found) EDGE OF ARBOR _ STREET PAVEMENT ARBOR **DEFINITIVE SUBDIVISION** _ ASPHALT SIDEWALK 1919 Essex County Layout L=15.13', R=40.00'— PK NAIL IN PAVEMENT ELEV = 72.68 Public - 50' Wide TREE WENHAM, MASSACHUSETTS Collins Suminsby Suminsby Owners: Susan M. Hamilton and Jeffrey R. Hamilton 60 Arbor Street, Wenham, MA SMALLER PORTION OF LOT 5 perimeter = 136 feet Sprague JUNIPER LOT 7 Prepared by: Decoulos & Company, LLC 185 Alewife Brook Parkway, Cambridge, MA (not a buildable lot) Donahue area = 516 s.f. (see detail) Date: December 2, 2021 Scale: 1 inch equals 30 feet PROPOSED SUBDIVISION **LOCUS MAP ZONE: RESIDENTIAL DISTRICT** SHEET C2 1'' = 1,000'



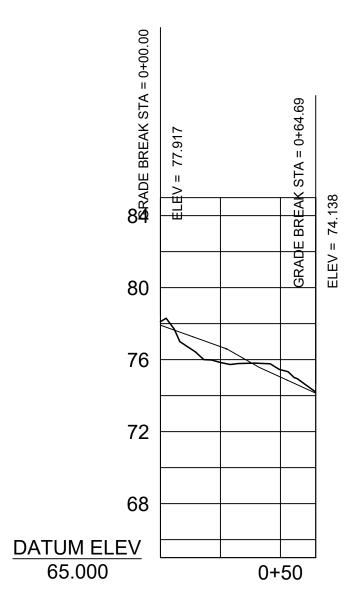






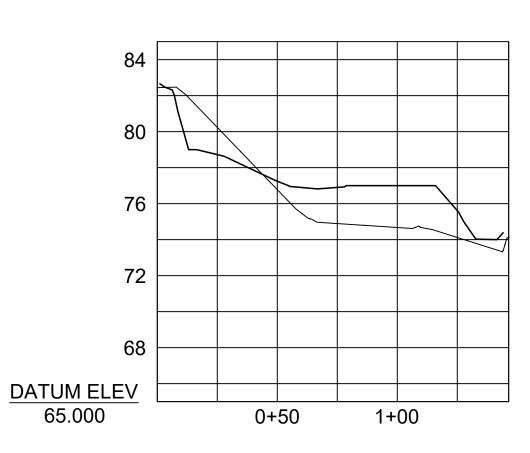
PROFILE

Scale: 1 inch equals 40 feet (Horizontal) Scale: 1 inch equals 4 feet (Vertical)



STA 0+50 CROSS SECTION

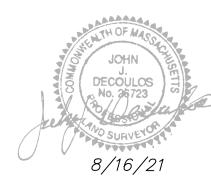
Scale: 1 inch equals 40 feet (Horizontal) Scale: 1 inch equals 4 feet (Vertical)



STA 1+03 CROSS SECTION

Scale: 1 inch equals 40 feet (Horizontal) Scale: 1 inch equals 4 feet (Vertical) I CERTIFY THAT THIS PLAN CONFORMS WITH THE RULES AND REGULATIONS OF THE REGISTER OF DEEDS.

JOHN J. DECOULOS, PE, PLS



\PPR(OVED BY THE WENHAM PLANNING BOARD

I, DIANNE K. BUCCO, CLERK OF THE TOWN OF WENHAM, HEREBY CERTIFY THAT THE NOTICE OF APPROVAL OF THIS PLAN BY THE WENHAM PLANNING BOARD HAS BEEN RECEIVED AND RECORDED AT THIS OFFICE AND NO NOTICE OF APPEAL WAS RECEIVED DURING THE TWENTY DAYS NEXT AFTER SUCH RECEIPT AND RECORDING OF SAID NOTICE.

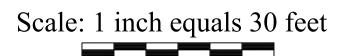
TOWN CLERK:—		
)ΔTE·		

DEFINITIVE SUBDIVISION in WENHAM, MASSACHUSETTS

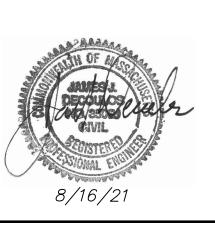
Owners: Susan M. Hamilton and Jeffrey R. Hamilton 60 Arbor Street, Wenham, MA

Prepared by: Decoulos & Company, LLC 185 Alewife Brook Parkway, Cambridge, MA

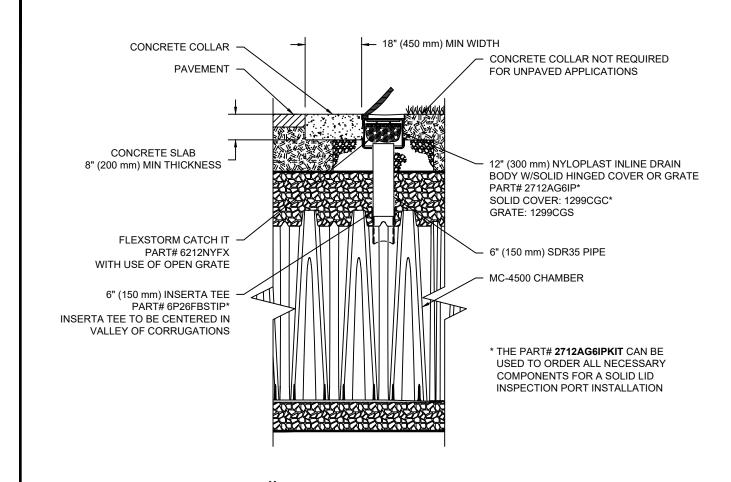
Date: August 16, 2021

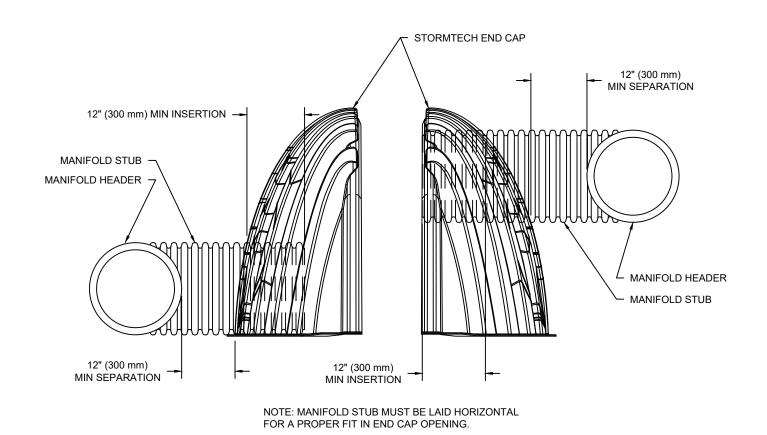


PROFILES AND CROSS SECTIONS SHEET C6



REFERENCES 1. ALL REFERENCES TO DEEDS AND PLANS ARE AS RECORDED AT THE SOUTH ESSEX REGISTRY OF DEEDS (THE "REGISTRY"). 2. DEED CONVEYING LOT 1 AS SHOWN ON MASSACHUSETTS LAND COURT PLAN 20396B; AND, THE MOYNIHAN LOT AS SHOWN IN PLAN BOOK 28, PLAN 12, AS DESCRIBED AT THE REGISTRY IN BOOK 31953, PAGE 274. 3. DEED CONVEYING LOT 2 TO SUSAN M. HAMILTON AND JEFFREY P. HAMILTON, HUSBAND AND WIFE AS TENANTS BY THE ENTIRETY, AS REGISTERED WITH THE MASSACHUSETTS LAND COURT IN DOCUMENT 4. ESSEX COUNTY LAYOUT OF ARBOR STREET, LAYOUT NUMBER 2230. 5. INSTRUMENT SURVEYS OF BOUNDARY, 2014-2016. 6. WENHAM ASSESSOR RECORDS, JUNE, 2020. TREE LEGEND I CERTIFY THAT THIS PLAN CONFORMS WITH THE RULES AND REGULATIONS OF THE REGISTER OF DEEDS. BL – Black Locust (Robinia pseudoccacia) JOHN J. DECOULOS, PE, PLS Iron Pipe (found) NM – Norway Maple (Acer platanoides) Liphardt YB – Yellow Birch (Betula alleghaniensis) LOT 6 WP – Eastern White Pine (Pinus strobus) AREA: APPROVED BY THE WENHAM PLANNING BOARD 80,063±s.f. AE – American Elm (*Ulmus americana*) (PROPOSED) WC – Western Red Cedar (Pinus strobus) (PROPOSED) WA – American Beech (Fagus grandifolia) Congdon and Richardson 20' FRONT SETBACK **SMALLER PORTION** Liphardt OF LOT 6 perimeter = 193 feet I, DIANNE K. BUCCO, CLERK OF THE TOWN OF LOT 5 area = 728 s.f. WENHAM, HEREBY CERTIFY THAT THE NOTICE OF APPROVAL OF THIS PLAN BY THE WENHAM PLANNING AREA: BOARD HAS BEEN RECEIVED AND RECORDED AT THIS OFFICE AND NO NOTICE OF APPEAL WAS RECEIVED DURING THE TWENTY DAYS NEXT AFTER SUCH 43,150±s.f. RECEIPT AND RECORDING OF SAID NOTICE. TOWN CLERK: 20 FOOT WIDE PAVED SURFACE -ENCIRCLING 60 FOOT DIAMETER LANDSCAPED ISLAND COINCIDING WITH THE RIGHT-OF-WAY Existing Driveway Essex County Stone Bound FRONTAGE OF LOT 5 = 187.78 FT back center (found) STREET **DEFINITIVE SUBDIVISION** _drill hole in Concrete Bound (found) EDGE OF ARBOR STREET PAVEMENT **ARBOR** BENCHMARK PK NAIL IN PAVEMENT _ ASPHALT SIDEWALK 1919 Essex County Layout WENHAM, MASSACHUSETTS Public - 50' Wide STREET Owners: Susan M. Hamilton and Jeffrey R. Hamilton 60 Arbor Street, Wenham, MA Collins Suminsby Suminsby SMALLER PORTION OF LOT 5 perimeter = 136 feet Prepared by: Decoulos & Company, LLC 185 Alewife Brook Parkway, Cambridge, MA Sprague JUNIPER LOT 7 (not a buildable lot) Donahue Date: August 16, 2021 area = 516 s.f. (see detail) Scale: 1 inch equals 30 feet **LOCUS MAP** 1'' = 1,000'TREE AND LANDSCAPING PLAN SHEET C7



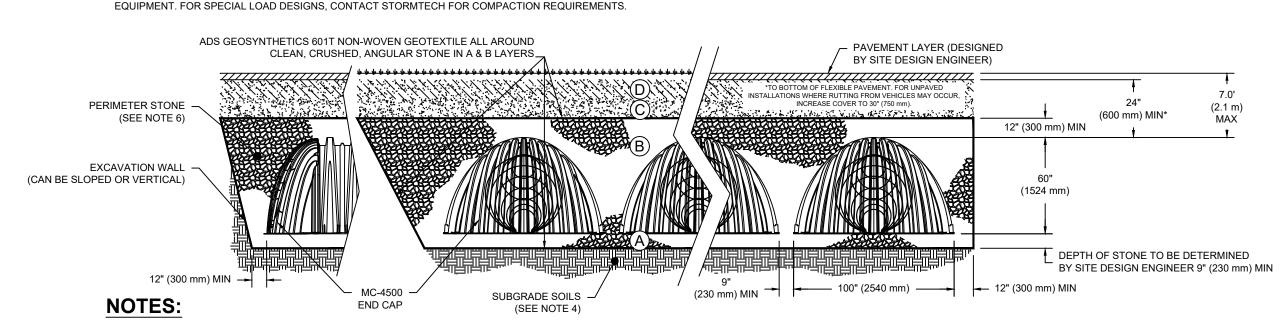


ACCEPTABLE FILL MATERIALS: STORMTECH MC-4500 CHAMBER SYSTEMS

	MATERIAL LOCATION	DESCRIPTION	AASHTO MATERIAL CLASSIFICATIONS	COMPACTION / DENSITY REQUIREMENT
D	FINAL FILL: FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE PART OF THE 'D' LAYER	ANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PER ENGINEER'S PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS.	N/A	PREPARE PER SITE DESIGN ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS.
С	INITIAL FILL: FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE EMBEDMENT STONE ('B' LAYER) TO 24" (600 mm) ABOVE THE TOP OF THE CHAMBER. NOTE THAT PAVEMENT SUBBASE MAY BE A PART OF THE 'C' LAYER.	GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <35% FINES OR PROCESSED AGGREGATE. MOST PAVEMENT SUBBASE MATERIALS CAN BE USED IN LIEU OF THIS LAYER.	OR	BEGIN COMPACTIONS AFTER 24" (600 mm) OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN 12" (300 mm) MAX LIFTS TO A MIN. 95% PROCTOR DENSITY FOR WELL GRADED MATERIAL AND 95% RELATIVE DENSITY FOR PROCESSED AGGREGATE MATERIALS.
В	EMBEDMENT STONE: FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE ('A' LAYER) TO THE 'C' LAYER ABOVE.	CLEAN, CRUSHED, ANGULAR STONE	AASHTO M43 ¹ 3, 4	NO COMPACTION REQUIRED.
А	FOUNDATION STONE: FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	CLEAN, CRUSHED, ANGULAR STONE	AASHTO M43 ¹ 3, 4	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE. ^{2,3}

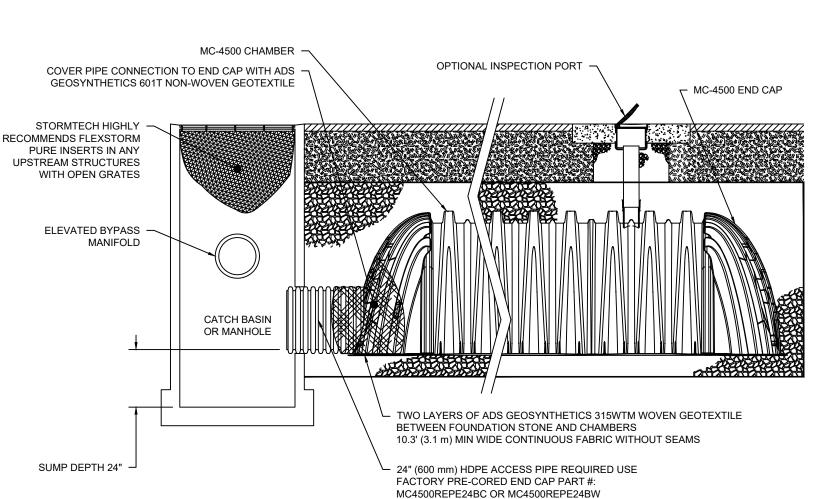
PLEASE NOTE:

- 1. THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE."
- 2. STORMTECH COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 9" (230 mm) (MAX) LIFTS USING TWO FULL COVERAGES WITH A VIBRATORY COMPACTOR. 3. WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION



- 1. MC-4500 CHAMBERS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F2418 "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS"
- 2. MC-4500 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS". 3. "ACCEPTABLE FILL MATERIALS" TABLE ABOVE PROVIDES MATERIAL LOCATIONS, DESCRIPTIONS, GRADATIONS, AND COMPACTION REQUIREMENTS FOR FOUNDATION, EMBEDMENT, AND FILL MATERIALS.
- 4. THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF FOUNDATION STONE WITH
- CONSIDERATION FOR THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS. 5. ONCE LAYER 'C' IS PLACED, ANY SOIL/MATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER 'C'
- OR 'D' AT THE SITE DESIGN ENGINEER'S DISCRETION. 6. PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.

MC-4500 CROSS SECTION DETAIL



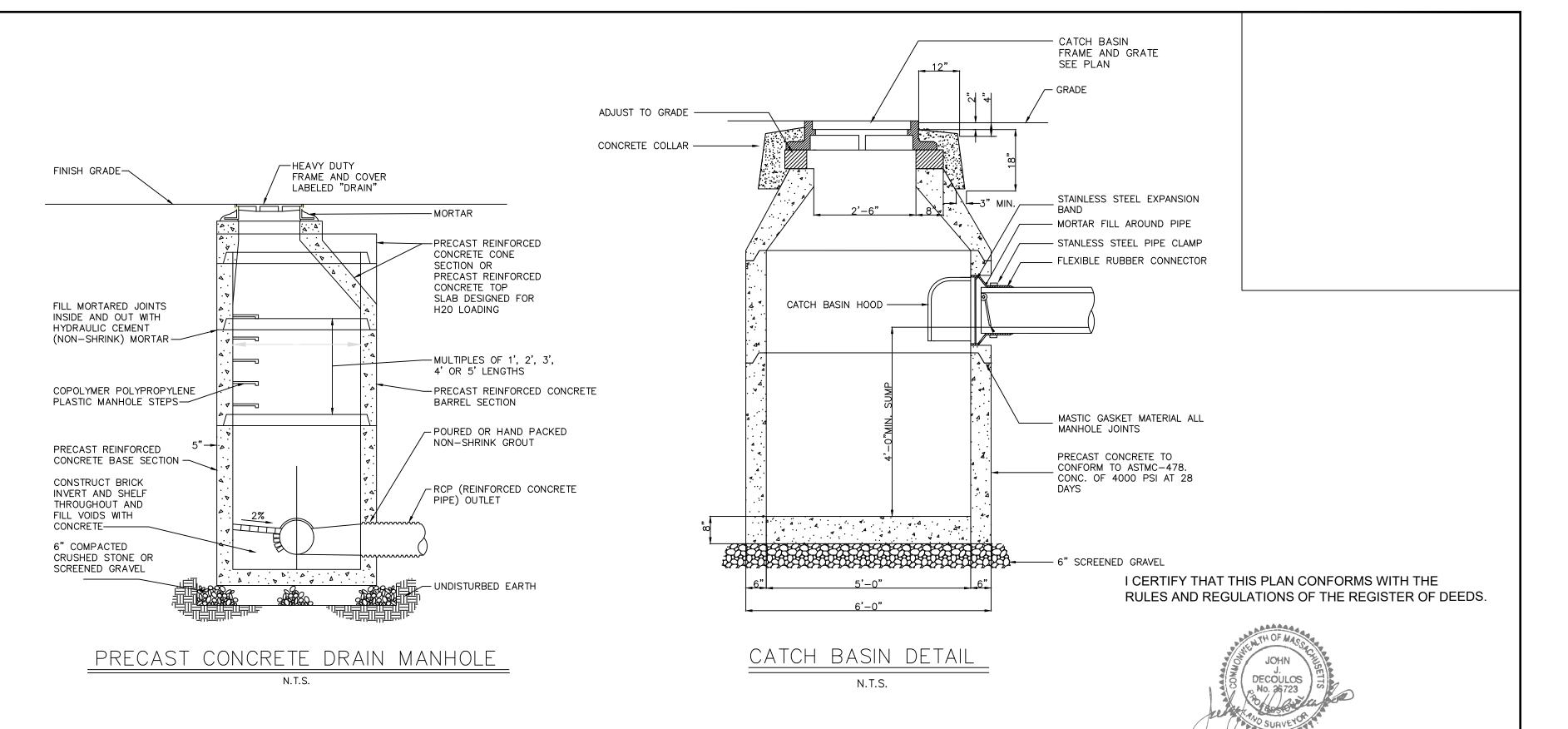
INSPECTION & MAINTENANCE

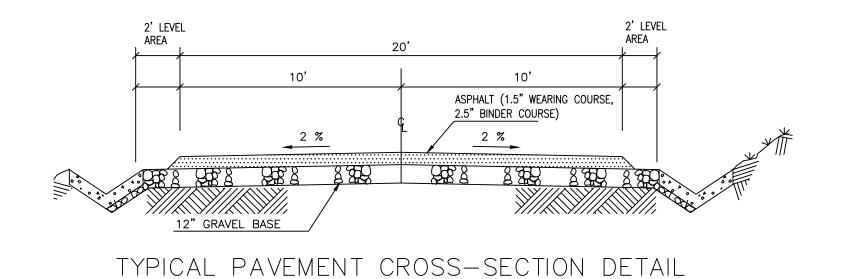
- STEP 1) INSPECT ISOLATOR ROW FOR SEDIMENT A. INSPECTION PORTS (IF PRESENT)
 - A.1. REMOVE/OPEN LID ON NYLOPLAST INLINE DRAIN A.2. REMOVE AND CLEAN FLEXSTORM FILTER IF INSTALLED
 - A.3. USING A FLASHLIGHT AND STADIA ROD, MEASURE DEPTH OF SEDIMENT AND RECORD ON MAINTENANCE LOG
 - A.4. LOWER A CAMERA INTO ISOLATOR ROW FOR VISUAL INSPECTION OF SEDIMENT LEVELS A.5. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
 - B.1. REMOVE COVER FROM STRUCTURE AT UPSTREAM END OF ISOLATOR ROW B.2. USING A FLASHLIGHT, INSPECT DOWN THE ISOLATOR ROW THROUGH OUTLET PIPE
 - MIRRORS ON POLES OR CAMERAS MAY BE USED TO AVOID A CONFINED SPACE ENTRY ii) FOLLOW OSHA REGULATIONS FOR CONFINED SPACE ENTRY IF ENTERING MANHOLE B.3. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3
- STEP 2) CLEAN OUT ISOLATOR ROW USING THE JETVAC PROCESS A. A FIXED CULVERT CLEANING NOZZLE WITH REAR FACING SPREAD OF 45" (1.1 m) OR MORE IS
- B. APPLY MULTIPLE PASSES OF JETVAC UNTIL BACKFLUSH WATER IS CLEAN C. VACUUM STRUCTURE SUMP AS REQUIRED
- STEP 3) REPLACE ALL COVERS, GRATES, FILTERS, AND LIDS; RECORD OBSERVATIONS AND ACTIONS.
- STEP 4) INSPECT AND CLEAN BASINS AND MANHOLES UPSTREAM OF THE STORMTECH SYSTEM.

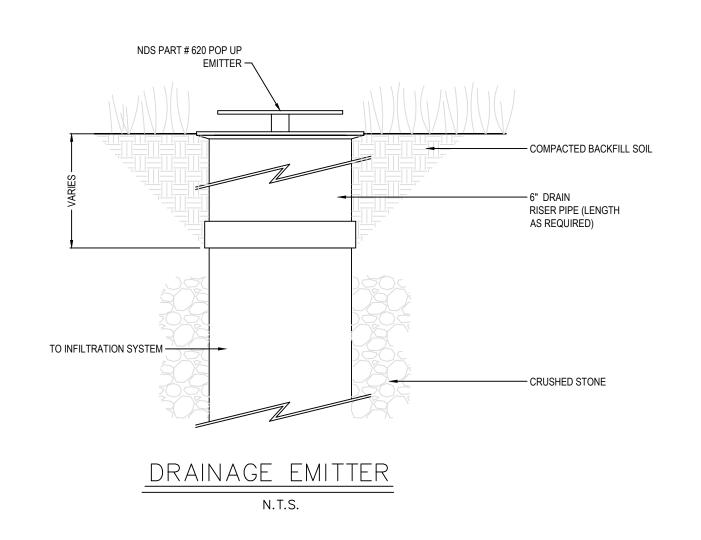
NOTES

- 1. INSPECT EVERY 6 MONTHS DURING THE FIRST YEAR OF OPERATION. ADJUST THE INSPECTION INTERVAL BASED ON PREVIOUS OBSERVATIONS OF SEDIMENT ACCUMULATION AND HIGH WATER ELEVATIONS.
- 2. CONDUCT JETTING AND VACTORING ANNUALLY OR WHEN INSPECTION SHOWS THAT MAINTENANCE IS

MC-4500 ISOLATOR ROW DETAIL

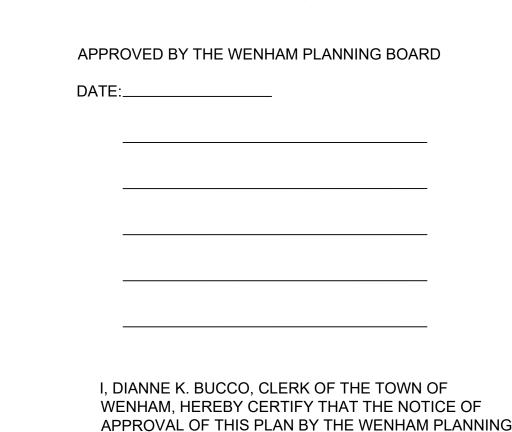






NOTE:

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE MassDOT STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES, 2020 EDITION.



JOHN J. DECOULOS, PE, PLS

OFFICE AND NO NOTICE OF APPEAL WAS RECEIVED DURING THE TWENTY DAYS NEXT AFTER SUCH RECEIPT AND RECORDING OF SAID NOTICE.

BOARD HAS BEEN RECEIVED AND RECORDED AT THIS

TOWN CLERK:	
TOWN OLLING	

DEFINITIVE SUBDIVISION WENHAM, MASSACHUSETTS

Owners: Susan M. Hamilton and Jeffrey R. Hamilton 60 Arbor Street, Wenham, MA

Prepared by: Decoulos & Company, LLC 185 Alewife Brook Parkway, Cambridge, MA

Date: December 2, 2021

Scale: 1 inch equals 30 feet



