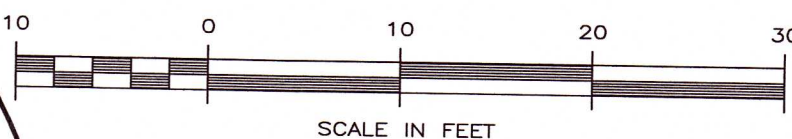
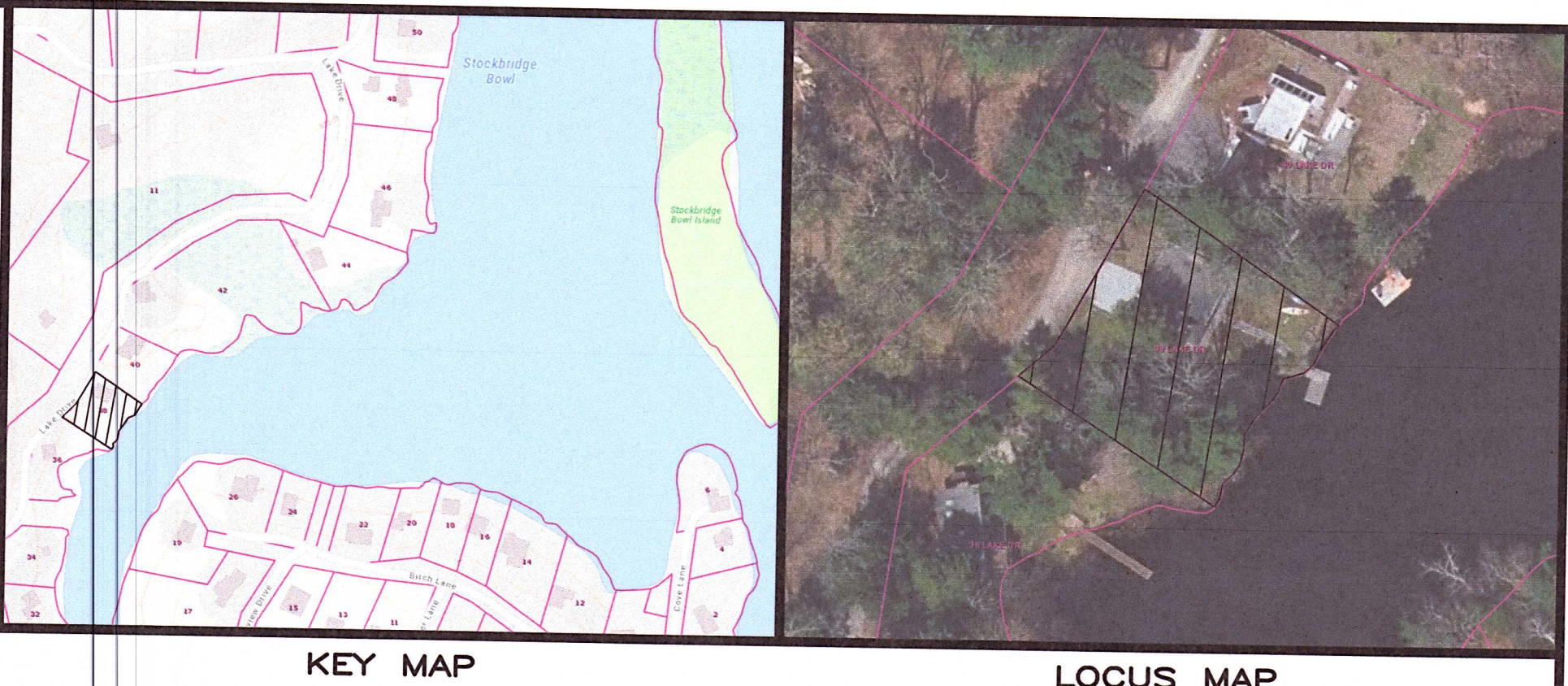


SITE PLAN
SCALE: 1" = 10'



LEGEND

- EXISTING CONTOURS
- PROPOSED CONTOURS
- APPROXIMATE PROPERTY LINE
- EDGE OF TREELINE(CANOPY)
- EXISTING GRAVEL ROAD
- EDGE OF PAVED ROAD
- PROPOSED STRUCTURES ON FOUNDATION
- PROPOSED STRUCTURES ON PIERS
- EXISTING STRUCTURES ON FOUNDATION
- EXISTING STRUCTURE ON PIERS
- WELL SETBACKS
- BUFFER ZONE
- ZONING SETBACKS
- OHW
- OVER HEAD WIRES
- LIMIT OF BORDERING VEGETATED WETLAND
- SILT FENCE W/STAKED STRAW BALES
- SILT FENCE W/STAKED STRAW WATTLES
- SANITARY SEWER
- PROPOSED STORM WATER DRAIN PIPE
- 40 MIL BREAKOUT LINER
- MEAN HIGH WATER/TOP OF BANK
- 100 YEAR FLOODPLAIN
- TEST PIT LOCATION
- EXISTING WELL
- IRON PIPE
- WETLAND FLAG
- MEAN HIGH WATER/TOP OF BANK FLAG
- UTILITY POLE
- DECIDUOUS TREE
- CONIFEROUS TREE
- PROPOSED TREE TO BE REMOVED
- TREE STUMP
- BORDERING VEGETATED WETLAND
- PROPOSED RAIN GARDEN
- PROPOSED DRIP EDGE



KEY MAP

LOCUS MAP

DESIGN DATA

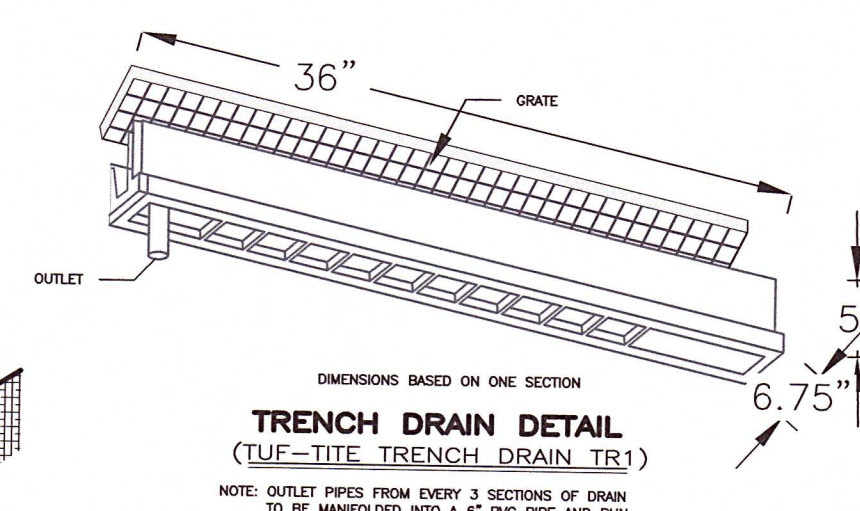
DAILY DESIGN FLOW:
(3) BEDROOMS @ 110 GPD = 330 GPD
PERCOLATION DESIGN RATE: SOIL SAMPLE
SOIL CLASS: II
LONG TERM ACCEPTANCE RATE: 0.33 GPD/SF
330 GPD/33 GPD PER SOFT=1000 SOFT REQ'D
1000 S.F. / 2 = 500 S.F.
USE OAKSON PERC-RITE DRIP DISPERSAL SYSTEM
CUSTOM DESIGN
50% REDUCTION GIVEN FOR JET-BAT TANK PER SYSTEM
DESIGNED FOLLOWING GUIDELINES SET FORTH BY THE
DESIGN MANUAL, BY OAKSON INC.

SOIL EVALUATION

PERFORMED BY: AARON J. BIASIN, SE14367
WHITE ENGINEERING, INC.
DATE: 10/25/2021
WITNESSED BY: JAMES WILUSZ
AGENT FOR: TRI-TOWN BOARD OF HEALTH
TEST PIT #1
HORIZON
"A"
6"
TEXTURE: SANDY LOAM
COLOR: 10 YR 2/1
GRAINULAR/FRABLE/ROOTS
TEXTURE: SANDY LOAM
COLOR: 10 YR 4/1
MOTTLED MUD
MAGNUS/FRABLE
"B"
25"
TEXTURE: SANDY LOAM
COLOR: 10 YR 4/1
MOTTLED MUD
MAGNUS/FRABLE
"C"
BOH=54
ESTIMATED SEASONAL HIGH GROUND WATER: 33"
WETTING: 33"
DEPTH TO REGRAD: 54"
PERC TEST #1
DEPTH OF PERC: N/A
PERC RATE: SOIL SAMPLE TAKEN FROM TEST PIT 1

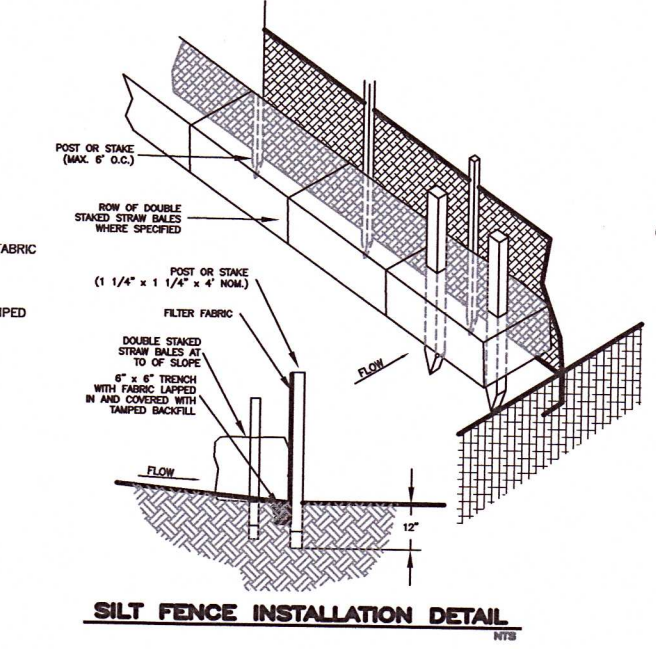
INTENSITY REGULATIONS

ZONE: R-2	REQUIRED	EXISTING	PROPOSED
LOT AREA	2 ACRES	10,703 S.F.	10,703 S.F.
LOT FRONTAGE	250'	100.2'	100.2'
FRONT SETBACK	40'	+/- 30'	+/- 30'
SIDE SETBACK N.EAST	35'	+/- 2'	+/- 12'
SIDE SETBACK S.WEST	35'	+/- 54'	+/- 48'
REAR SETBACK	35'	+/- 33'	+/- 33'
LOT COVERAGE	10% MAX	11%	11%

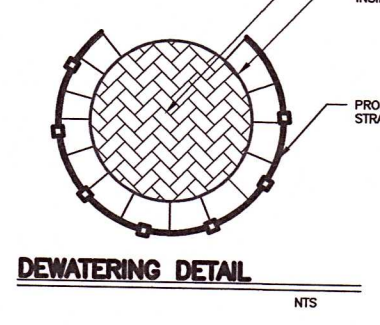


TRENCH DRAIN DETAIL
(TUF-TITE TRENCH DRAIN TR1)

NOTE: OUTLET PIPES FROM EVERY 3 SECTIONS OF DRAIN TO BE MANIFESTED INTO A 4" PVC PIPE AND RUN TO DAYLIGHT



SILT FENCE INSTALLATION DETAIL



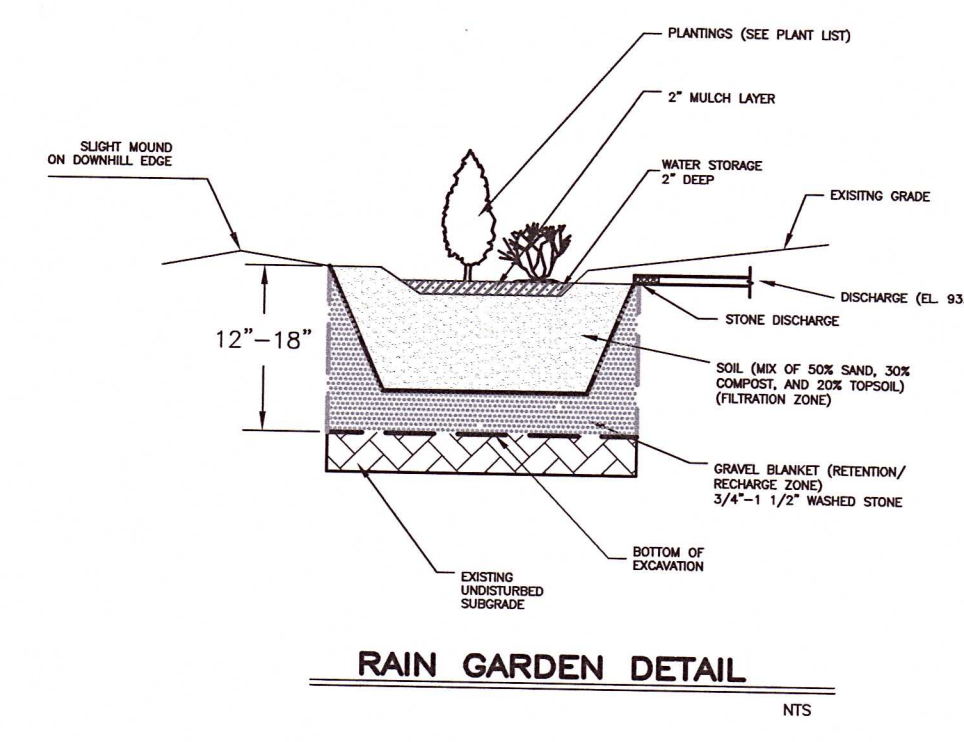
DEWATERING DETAIL

PLANTING LIST

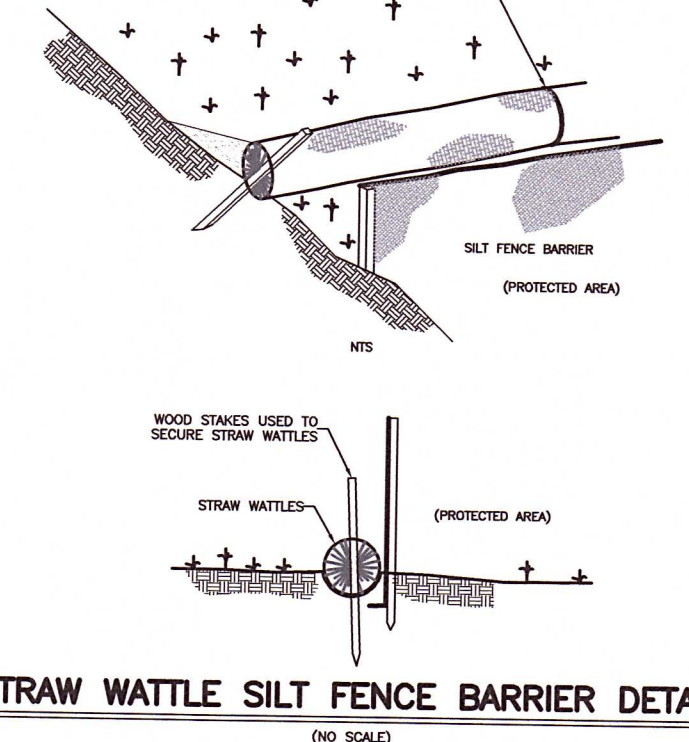
- AREA 1:
PLANT (7 TOTAL) 1 GALLON POTS OF BEARBERRY (ARCTOSTAPHYLOS UVA-URS), SWEET FERN (COMPTONIA PERECGRINA), JUNIPER (JUNIPERUS COMMUNIS) OR COMPARABLE
- AREA 2:
PLANT (7) PLUGS OF HERBACEOUS FROM RAIN GARDEN LIST
- AREA 3:
PLANT (6) BALSAM FIR (ABIES BALSAMEA), SHADBLOW (AMELANCHIER CANADENSIS), OR COMPARABLE APPROX. 5'-6' IN HEIGHT OR COMPARABLE
- AREA 4:
PLANT (5 TOTAL) RIVER BIRCH (BETULA NIGRA), WITCH HAZEL (HAMAMELIS VIRGINIANA), WINTERBERRY (ILEX VERTICILLATA), RHODODENDRON (RHODODENDRON FERRUGINEUM), INKBERY HOLLY (ILEX GABRA) APPROX. 5'-6' IN HEIGHT
- RAIN GARDEN:
PLANT (5) WINTERBERRY (ILEX VERTICILLATA), (5) NINEBARK (PHYSOCARPUS OPULOFOLUS), (5) DOGWOODS (CORNUS) 3'-4' IN HEIGHT, PLANT (15) PLUGS OF LADY FERN (ATHYRIUM ANGSTUFUM) FOXGLOVE BEARDTONGUE (PENSTEMON DIGITALIS), BLUEFLAG IRIS (IRIS VERSICOLOR), SPOTTED CRANESBILL (GERANIUM MACULATUM), (5) LOW BUSH BLUEBERRY (VACCINIUM ANGSTUFOLIUM) OR COMPARABLE

PLANTING LIST CONTINUED

- WETLAND RE-VEGETATION:
PLANT (30) PLUGS OF BLUEFLAG IRIS (IRIS VERSICOLOR), PICKERELWEED (PONTEDERIA CORDATA), SWAMPFLAG (ACORUS AMERICANUS), MARSH MARIGOLD (CALTHA PALUSTRIS) OR COMPARABLE
- 5' BUFFER STRIP:
PLANT (40) PLUGS OF SPRING BEAUTY (CLAYTONIA VIRGINICA), TROUT LILY (ERYTHRONIUM AMERICANUM), BLEEDING HEART (DICENTRA SPECTABILIS), CAMELFLOWER (ECHINACEA PURPUREA), BLANKET FLOWER (GALLARDIA), PHLOX (PHLOX STOLONIFERA), BLACK EYED SUSAN (RUDEBECKIA HIRTA), LOW BUSH BLUEBERRY (VACCINIUM ANGSTUFOLIUM) OR COMPARABLE



RAIN GARDEN DETAIL

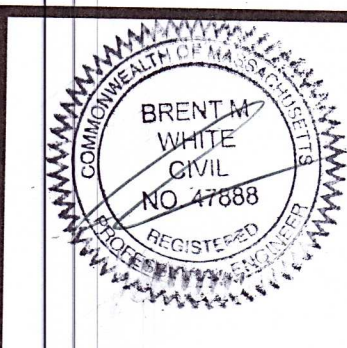


STRAW WATTLE SILT FENCE BARRIER DETAIL
(NO SCALE)

LOCAL UPGRADE APPROVALS:

- PER 310 CMR 15.405(1)(h): (LOCAL UPGRADE APPROVAL)- APPLICANT REQUESTS 50' REDUCTION IN REQUIRED 100' SETBACK FROM A S.A.S. TO A PRIVATE WATER SUPPLY WELL. ACTUAL DISTANCE PROVIDED IS 50'.
- PER 310 CMR 15.405(1)(b): (LOCAL UPGRADE APPROVAL)- APPLICANT REQUESTS 10' REDUCTION IN REQUIRED 20' SETBACK FROM A S.A.S. TO A CELLAR WALL. ACTUAL DISTANCE PROVIDED IS 10'.
- PER 310 CMR 15.405(1)(f): (LOCAL UPGRADE APPROVAL)- APPLICANT REQUESTS 17' REDUCTION IN REQUIRED 25' SETBACK FROM A SEPTIC TANK TO A BORDERING VEGETATED WETLAND. ACTUAL DISTANCE PROVIDED IS 8'.
- PER 310 CMR 15.405(1)(f): (LOCAL UPGRADE APPROVAL)- APPLICANT REQUESTS 21' REDUCTION IN REQUIRED 25' SETBACK FROM A S.A.S. TO A BORDERING VEGETATED WETLAND. ACTUAL DISTANCE PROVIDED IS 4'. (25' SETBACK PER JET-BAT)
- PER 310 CMR 15.405(1)(g): (LOCAL UPGRADE APPROVAL)- APPLICANT REQUESTS 5' REDUCTION IN REQUIRED 10' SETBACK FROM A S.A.S. TO A PROPERTY LINE. ACTUAL DISTANCE PROVIDED IS 5'.

NOTE: APPLICANT TO GET WELL TEST PERIODICALLY FOR TWO YEARS FOLLOWING INSTALLATION OF PROPOSED WELL, AS PER CONVERSATION WITH TRI-TOWN HEALTH



PROPOSED SITE REDEVELOPMENT PLAN
for
MICHAEL & REBECCA BELLORA
38 LAKE DRIVE TAX MAP #101 LOT #26 STOCKBRIDGE, MA

NO.	REVISION	DATE
2	ADDED NEW HOUSE FOOTPRINT, REMOVED PLANTING AREA, ADJUSTED CURTAIN DRAIN	8/3/2022
1	REMOVED 5' BUFFER STRIP PLANTINGS, ADDED 100 YEAR FLOODPLAIN	
1	MOVED SOIL ABSORPTION SYSTEM OUTSIDE 50' WELL SETBACK, WELL TEST NOTE	6/14/2022

WHITE ENGINEERING INC.
CIVIL & ENVIRONMENTAL
55 SOUTH MERRIAM STREET, PITTSFIELD, MA 01201
PHONE: (413) 443-8011 WEB: WHITEENGINE.COM FAX: (413) 443-8012
LICENSED IN CONNECTICUT, MASSACHUSETTS, NEW YORK AND VERMONT

DATE: MAY 10, 2022 DRAWN: AJB APPROVED: BMW DWG NO: 21-06-04B
CHECKED: BMW SCALE: AS NOTED SHEET 1 OF 3