

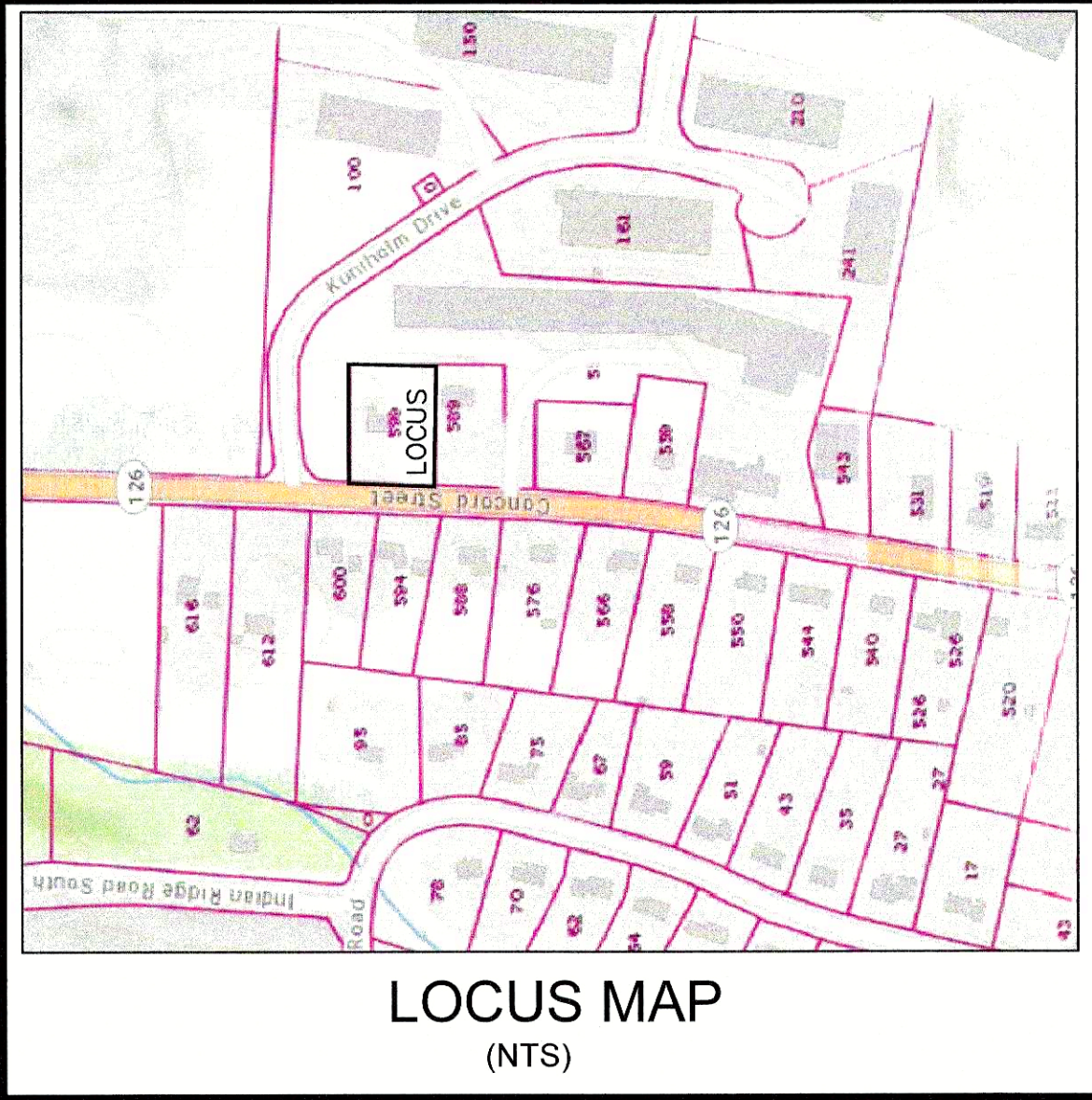
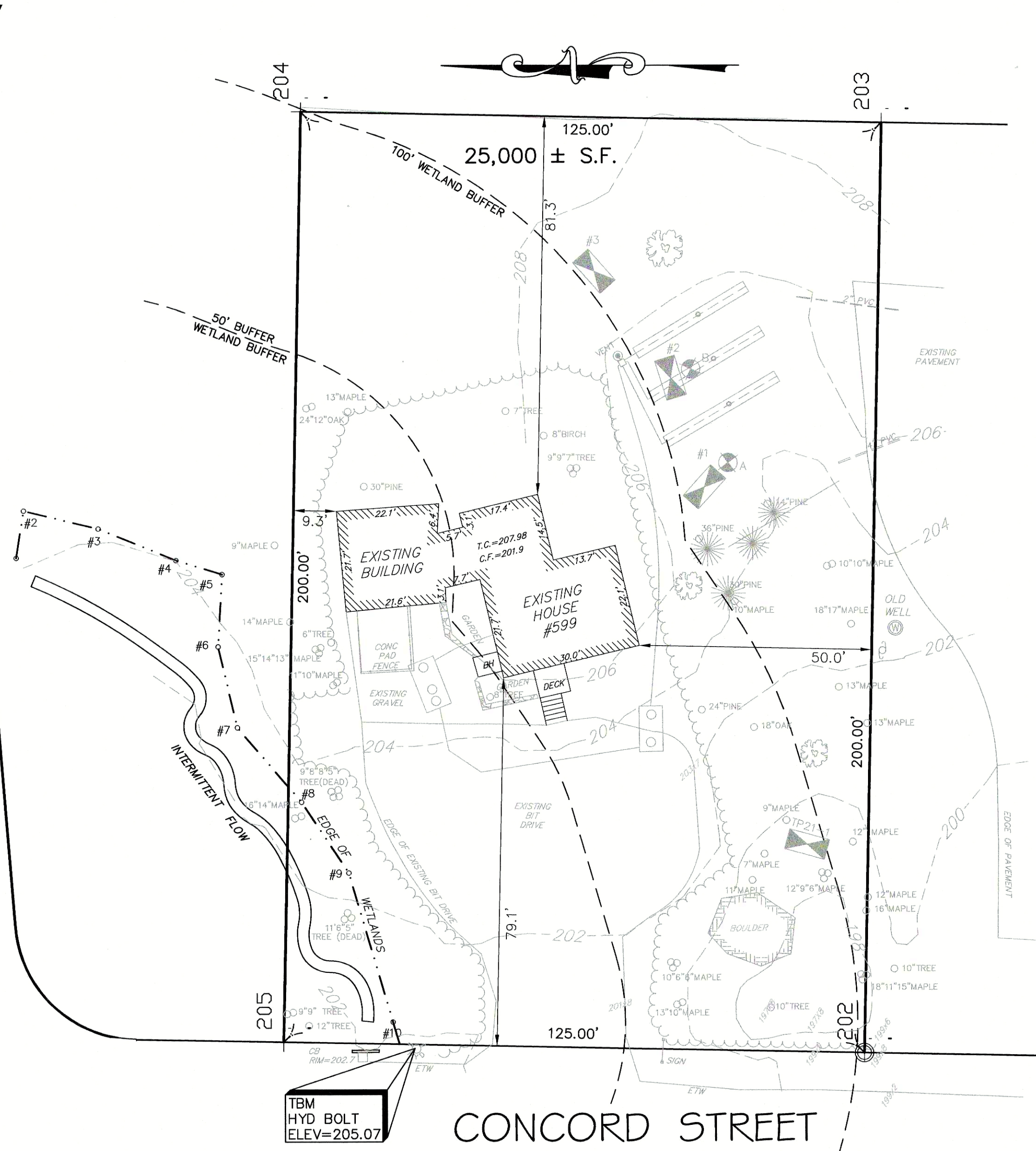
PERCOLATION TEST RESULTS			
TEST HOLE - A		TEST HOLE - B	
DATE: 4/27/05		DATE: 4/27/05	
DEPTH: 48"		DEPTH: 48"	
SOAK	10:25	SOAK	12:05
12"	10:40	12"	12:20
11"	X	11"	12:22
10"	X	10"	12:24
9"	10:47	9"	12:27
8"	10:50	8"	12:30
7"	10:53	7"	12:34
6"	10:56	6"	12:38
RATE: 3	M.P.I.	RATE: 4	M.P.I.

DEEP OBSERVATION HOLE LOGS

DEEP HOLE - 1		DEEP HOLE - 2		DEEP HOLE - 3		DEEP HOLE - 21-1	
HORIZ DEPTH	DATE: 4/27/05 SOIL DESCRIPTION	HORIZ DEPTH	DATE: 4/27/05 SOIL DESCRIPTION	HORIZ DEPTH	DATE: 4/27/05 SOIL DESCRIPTION	HORIZ DEPTH	DATE: 12/13/21 SOIL DESCRIPTION ELEV
0"	A LOAM 10YR3/2	0"	A LOAM 10YR3/2	0"	A LOAM 10YR3/2	0"	A LOAM 10YR3/2 198.0
12"		12"		12"		12"	
24"	Bw SANDY LOAM 10YR5/6	24"	Bw SANDY LOAM 10YR5/6	24"	Bw SANDY LOAM 10YR5/6	28"	Bw SANDY LOAM 10YR5/6 198.7
	fine, few boulders		fine, few boulders				
48"	C1 LOAMY SAND 2.5Y5/4	48"	C1 LOAMY SAND 2.5Y5/4				
	medium, firm, 30% gravel, stones & boulders		medium, firm, 30% gravel, stones & boulders				
108"	C2 LOAMY SAND 2.5Y5/4	104"	C2 LOAMY SAND 2.5Y5/4	84"	C1 LOAMY SAND 2.5Y5/4	64"	C1 LOAMY SAND 2.5Y5/4 193.7
	GROUNDWATER OBSERVED		GROUNDWATER OBSERVED			60"	GROUNDWATER OBSERVED 194.0
72"		72"		60"		32"	SOIL MOTTLING 196.5
48"	SOIL MOTTLING	48"	SOIL MOTTLING	48"	SOIL MOTTLING		
	GROUNDWATER MONITORED		GROUNDWATER MONITORED				
48"	ESTIMATED SEASONAL HIGH GROUNDWATER	48"	ESTIMATED SEASONAL HIGH GROUNDWATER	48"	ESTIMATED SEASONAL HIGH GROUNDWATER	32"	ESTIMATED SEASONAL HIGH GROUNDWATER 196.2

CERTIFIED SOIL EVALUATOR : JOSEPH M. NIHILL
WITNESSED BY B.O.H. AGENT : WILLIAM DOMEY
DESIGN PERCOLATION RATE : 4 MINUTES/INCH
SOIL CLASSIFICATION: CLASS 2
GROUND WATER ADJUSTMENT USED : 0

KUNIHOLM DRIVE



ASSESSOR'S REFERENCE:
MAP 14, BLOCK 4, LOT 6

DEED REFERENCE:
MIDDLESEX COUNTY REGISTRY OF DEEDS
Bk. 78167, Pg. 511

OWNER OF RECORD:
TONY CRUZ
CRUZ SOLUTIONS INC.
62 WHITNEY AVENUE
FRAMINGHAM, MA 01746

ZONING CLASSIFICATION:
INDUSTRIAL
MIN. LOT SIZE = 20,000 S.F.
MIN. FRONTAGE = 100'
MIN. LOT DEPTH = 150'

MIN. SETBACK REQUIREMENTS:
FRONT SET BACKS = 30'
SIDE SETBACKS = 20'
REAR SETBACKS = 30'

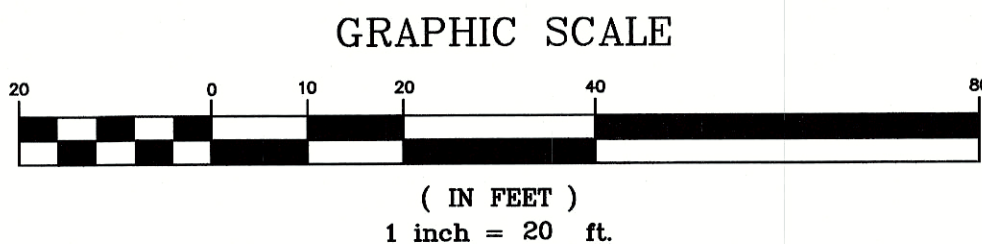
MAX. HEIGHT = 40'
MAX. % LOT COVERAGE = 40%
FLOOR AREA RATIO = 0.5

PLAN REFERENCE :
MIDDLESEX COUNTY REGISTRY OF DEEDS
PLAN NO. 1698 OF 1958

EXISTING CONDITIONS PLAN

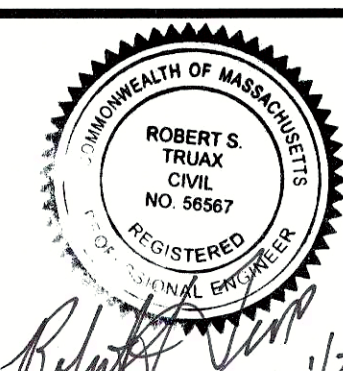


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REVISIONS		
No.	DATE	DESCRIPTION
1	11/17/2021	Drainage
2	01/25/2022	Drainage

FLD.: SM, DD
DRW.: CNG
CHKD.: JEJ



1/25/22
1/25/22

GLM Engineering Consultants, Inc.
19 EXCHANGE STREET
HOLLISTON, MA 01746
P: 508-429-1100 F: 508-429-7160
www.GLMengineering.com

PROPOSED ADDITION PLAN
599 CONCORD STREET
HOLLISTON, MASSACHUSETTS
FOR
TONY CRUZ
62 WHITNEY STREET
FRAMINGHAM, MA

JOB No.	17,066
DATE:	10/12/21
SCALE:	1"=20'
SHEET:	1 of 2
PLAN #:	27,505

ASSESSOR'S REFERENCE:

MAP 14, BLOCK 4, LOT 6

DEED REFERENCE:

MIDDLESEX COUNTY REGISTRY OF DEEDS

Bk. 78167, Pg. 511

OWNER OF RECORD:

TONY CRUZ

CRUZ SOLUTIONS INC.

62 WHITNEY AVENUE

FRAMINGHAM, MA 01746

ZONING CLASSIFICATION:

INDUSTRIAL

MIN. LOT SIZE = 20,000 S.F.

MIN. FRONTAGE = 100'

MIN. LOT DEPTH = 150'

MIN. SETBACK REQUIREMENTS:

FRONT SET BACKS = 30'

SIDE SETBACKS = 20'

REAR SETBACKS = 30'

MAX. HEIGHT = 40'

MAX. % LOT COVERAGE = 40%

FLOOR AREA RATIO = 0.5

PLAN REFERENCE :

MIDDLESEX COUNTY REGISTRY OF DEEDS

PLAN NO. 1698 OF 1958

LOT COVERAGE

EXISTING = 1,450 S.F. = 5.8%

PROPOSED = 3,027 S.F. = 12.1%

IMPERVIOUS LOT COVERAGE

EXISTING BUILDING = 1,450 S.F.

EXISTING DRIVEWAY = 3,554 S.F.

TOTAL EXISTING IMPERVIOUS = 5,004 S.F.

PROPOSED BUILDINGS = 3,027 S.F.

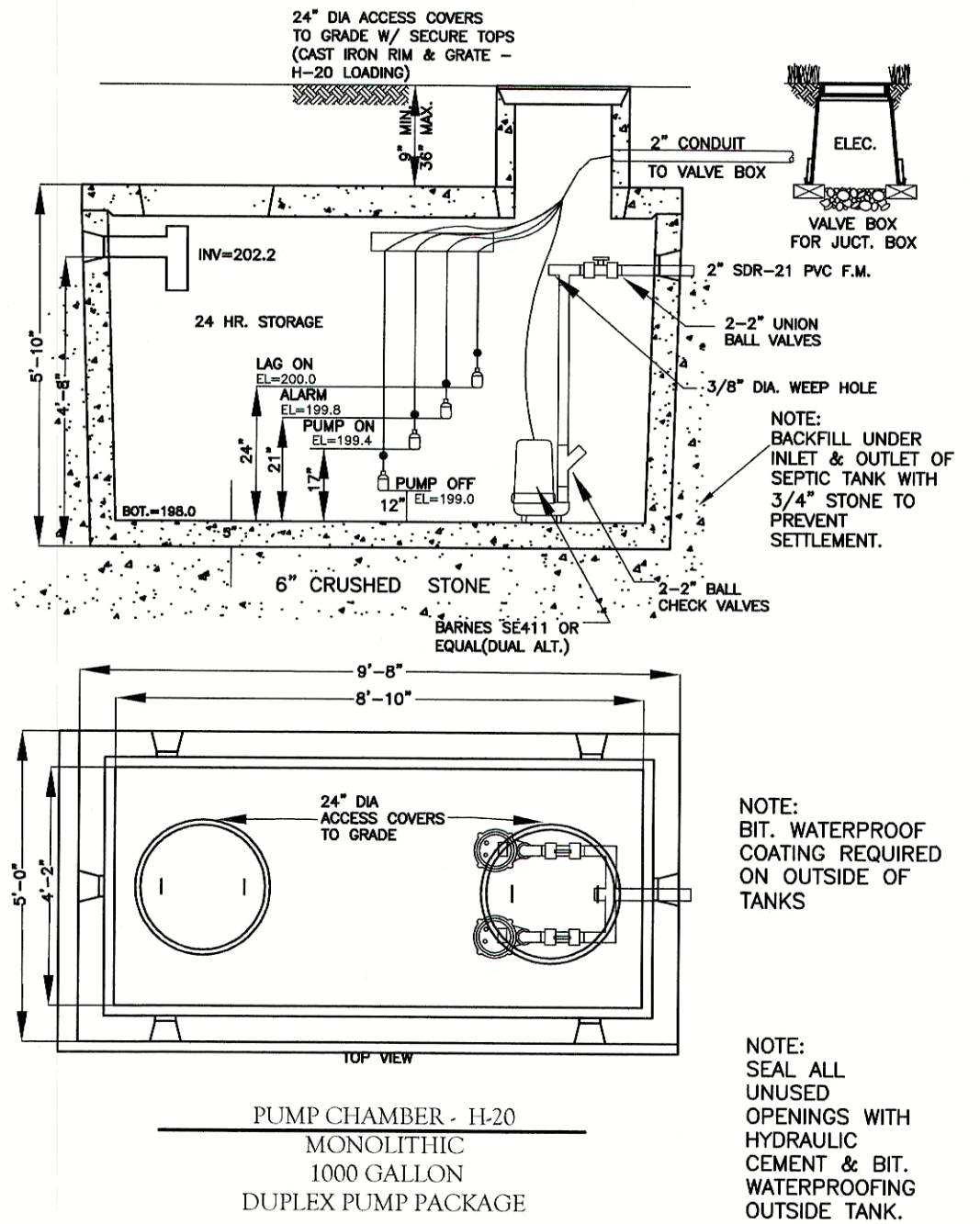
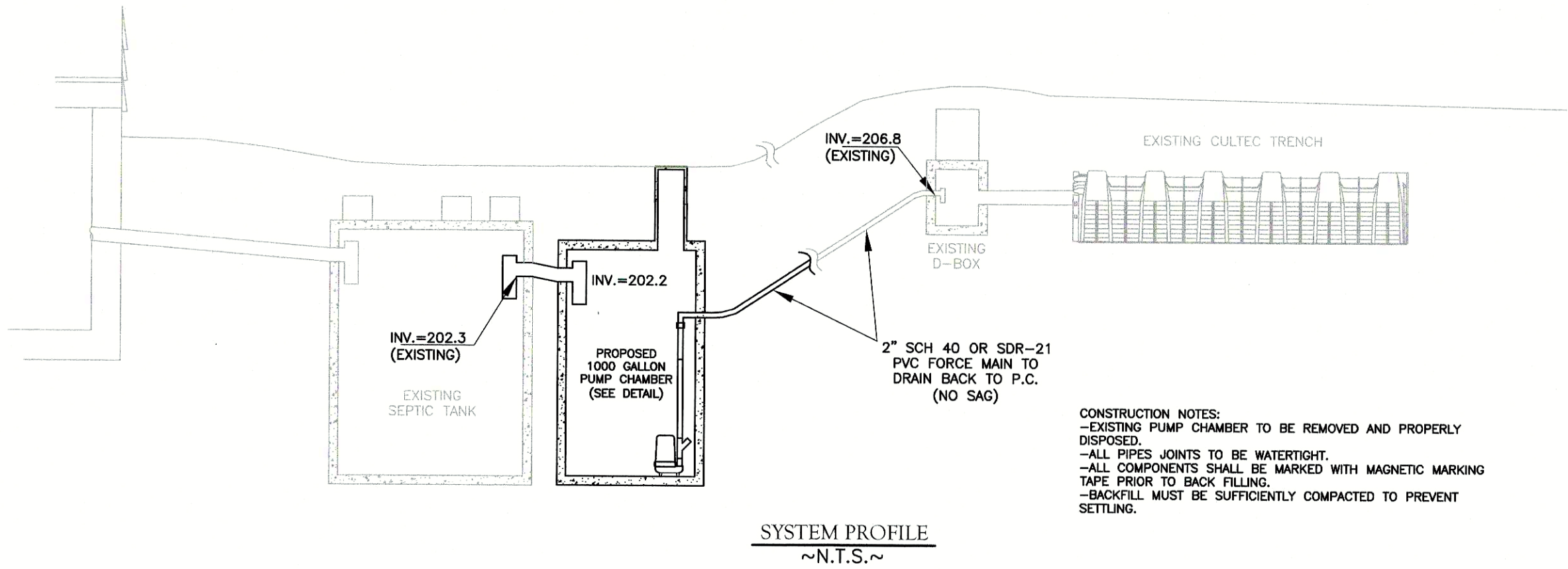
PROPOSED DRIVEWAY = 3,099 S.F.

TOTAL PROPOSED IMPERVIOUS = 6,126 S.F.

INCREASE IN IMPERVIOUS AREA= 1,122 S.F.

MITIGATION - SURFACE AREA OF ROOF

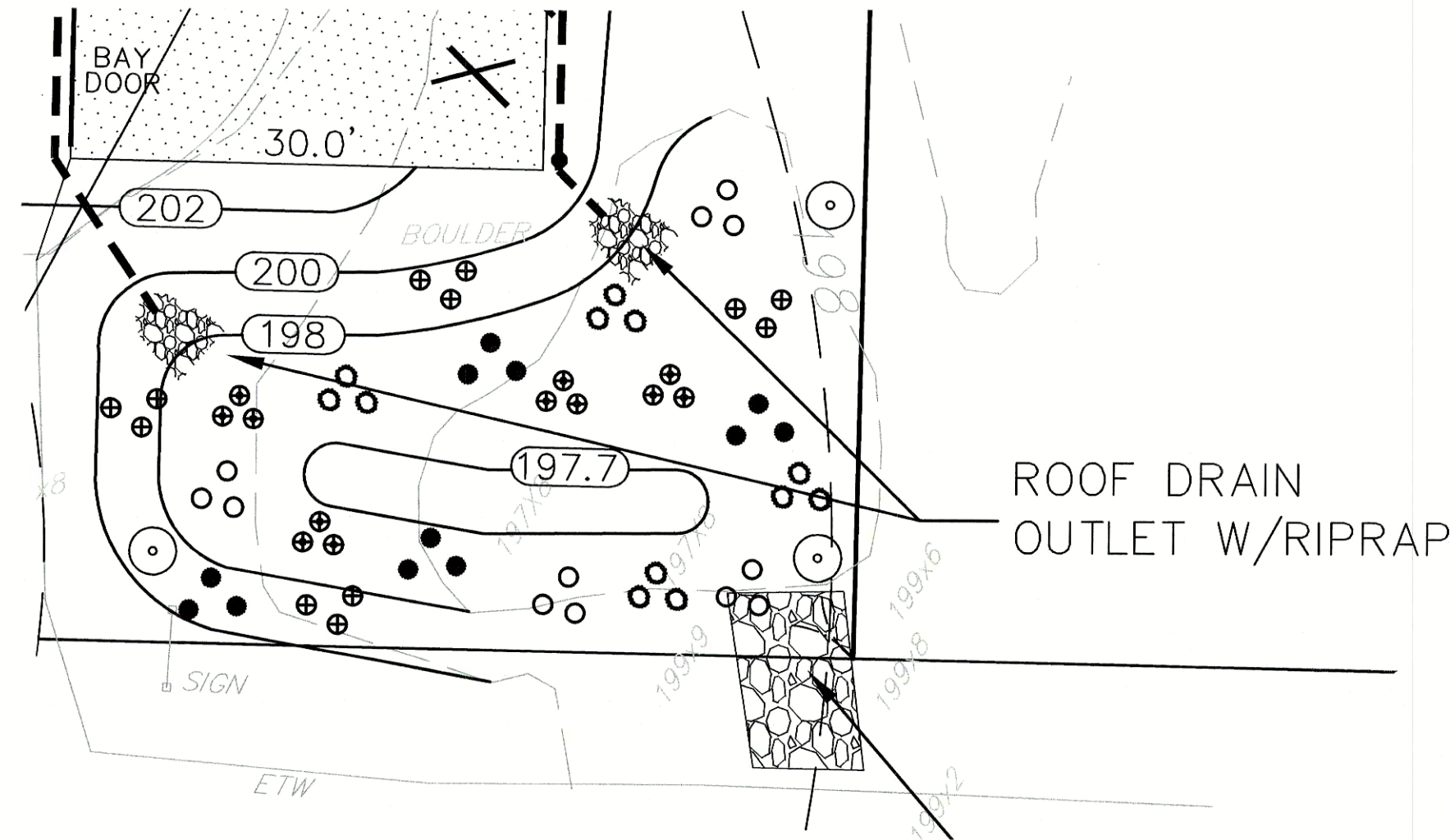
INFILTRATION = 3,027 S.F.



PLANTING LEGEND FOR DETENTION BASIN

QTY.	SYM.	DESCRIPTION
12	○	Highbush Blueberry Vaccinium corymbosum
12	●	Witch Hazel Hamamelis virginiana
12	●	Maple-leaved viburnum Viburnum acerifolium
12	⊕	Flowering dogwood Cornus florida
12	○	Serviceberry Amelanchier canadensis
3	○	Red Maple, Acer Rubrum 1 1/2" Cal.

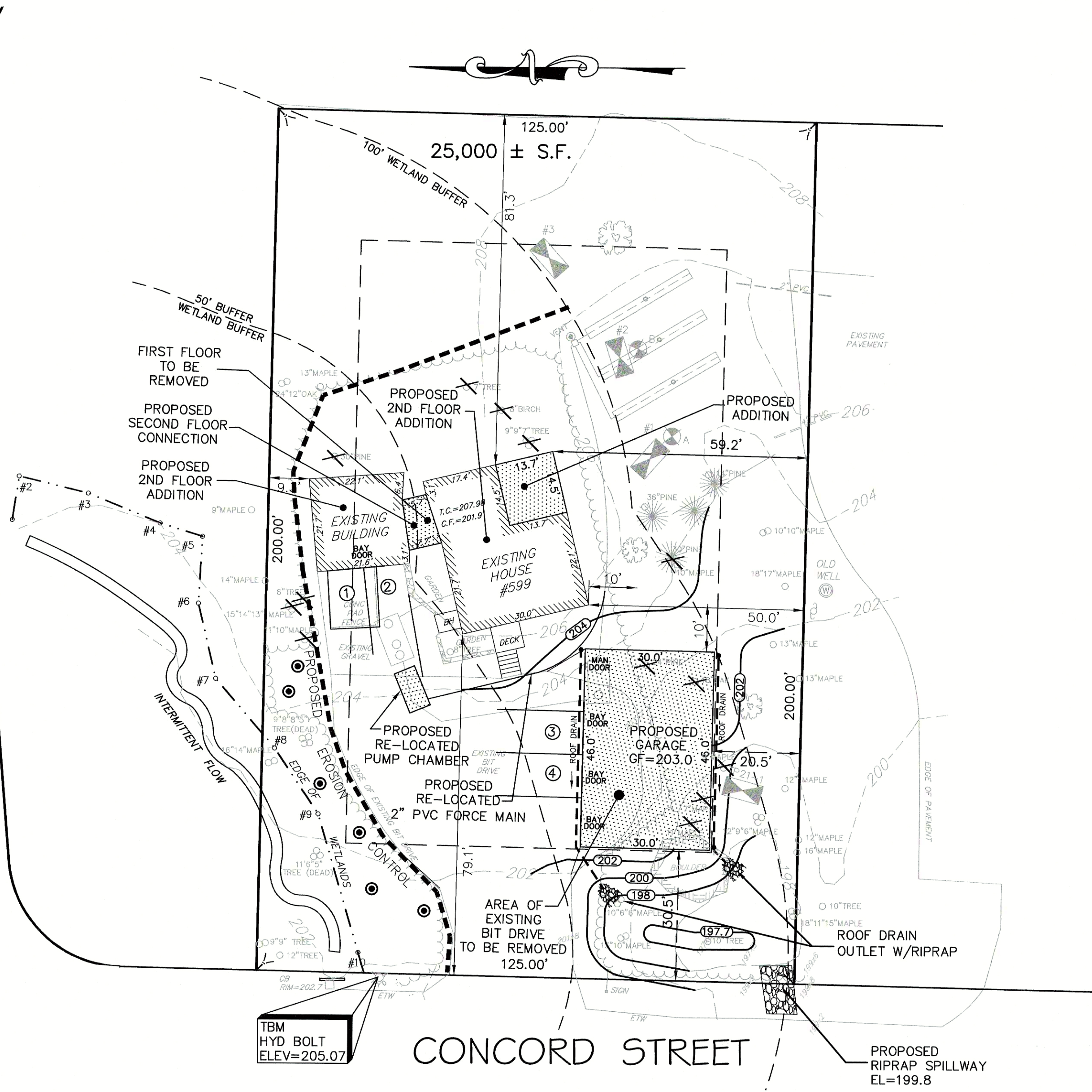
Note:
Shrubs will be planted in clusters of three (3) specimens of the same species at the locations shown, with minor deviations due to site conditions.



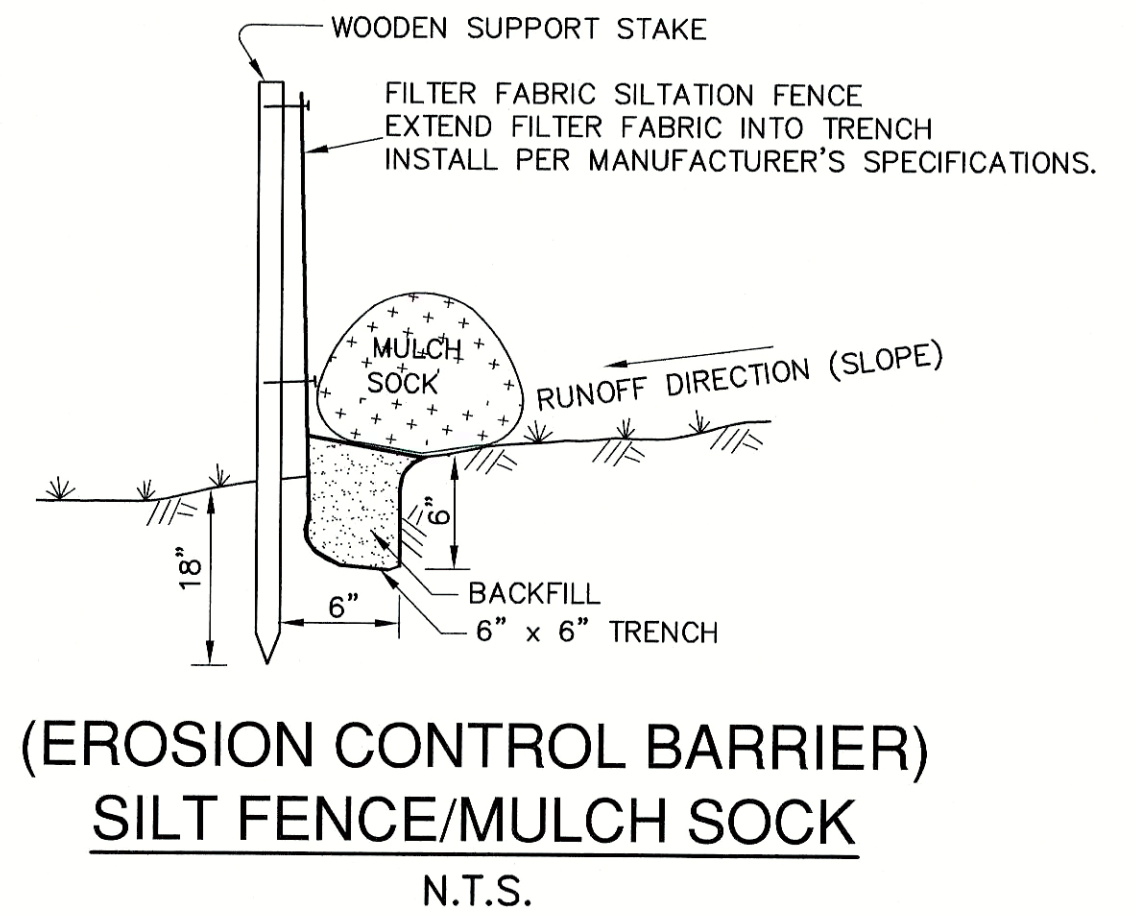
PLANTING PLAN FOR DETENTION BASIN

SCALE: 1"=10'

KUNIHOLM DRIVE



PROPOSED ADDITION PLAN



X - DENOTES TREE TO BE REMOVED
TREES TO BE REMOVED - 6", 9", 9", 7", 9", 7", 11", 10", 15", 14", 13", 30", 24", 18", 11"

PLANTING SCHEDULE

SPECIES WILL BE CHOSEN FROM THE FOLLOWING LIST (OR OTHER SPECIES AS APPROVED BY HCC STAFF PRIOR TO INSTALLATION):

- - (6) TREES (1-INCH CALIPER)
- RED MAPLE (Acer rubrum)
- GRAY BIRCH (Betula populifolia)
- SUGAR MAPLE (Acer saccharum)
- SWAMP WHITE OAK (Quercus bicolor)
- BLACK GUM (Nyssa sylvatica)

THE TREES WILL BE WATERED AS NECESSARY AFTER PLANTING.

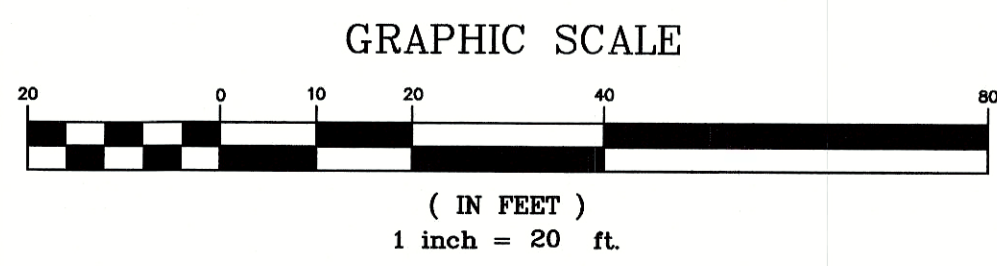
PROPOSED ADDITION PLAN

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HOLLISTON, MASSACHUSETTS
FOR
TONY CRUZ
62 WHITNEY STREET
FRAMINGHAM, MA

JOB No. 17,066
DATE: 10/12/21
SCALE: 1"=20'
SHEET: 2 of 2
PLAN #: 27,505

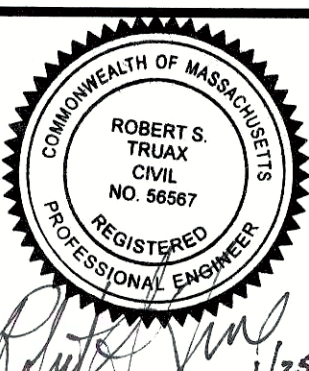


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