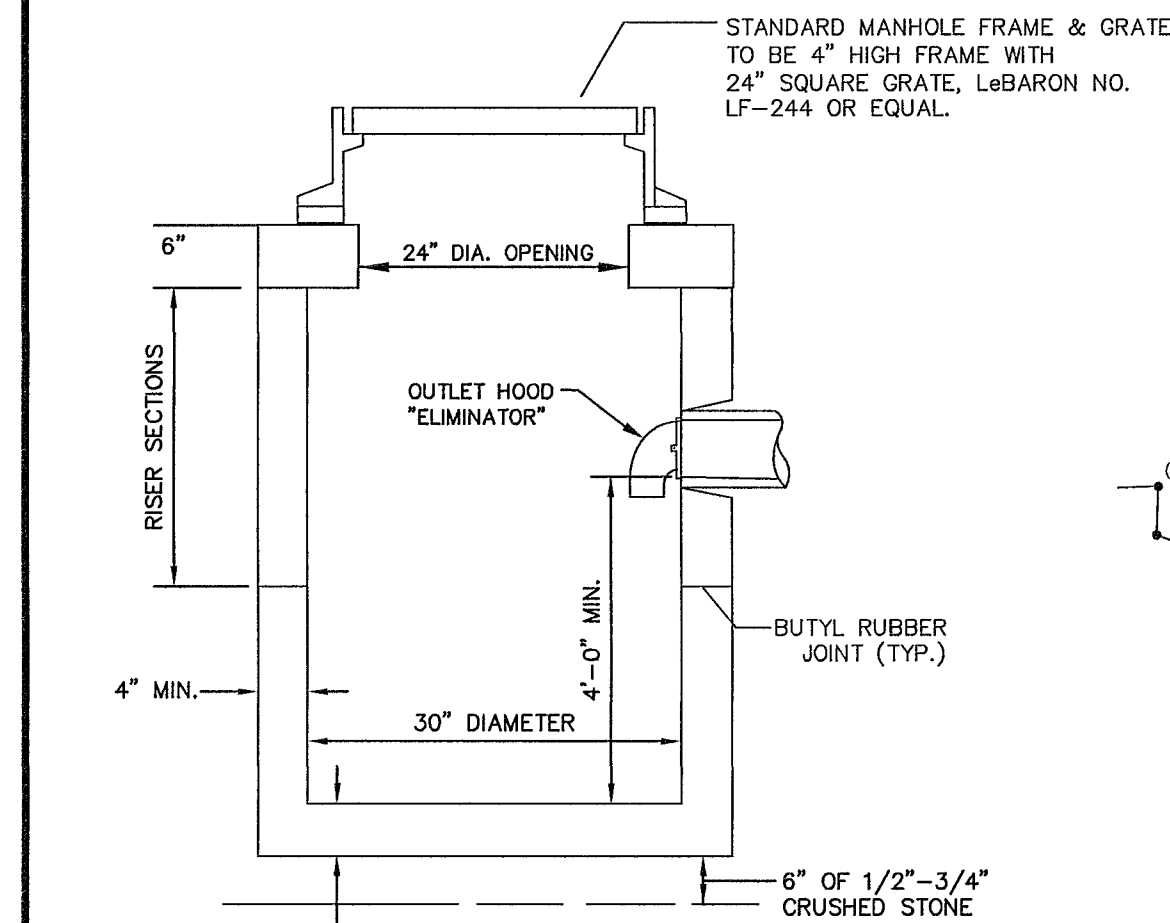
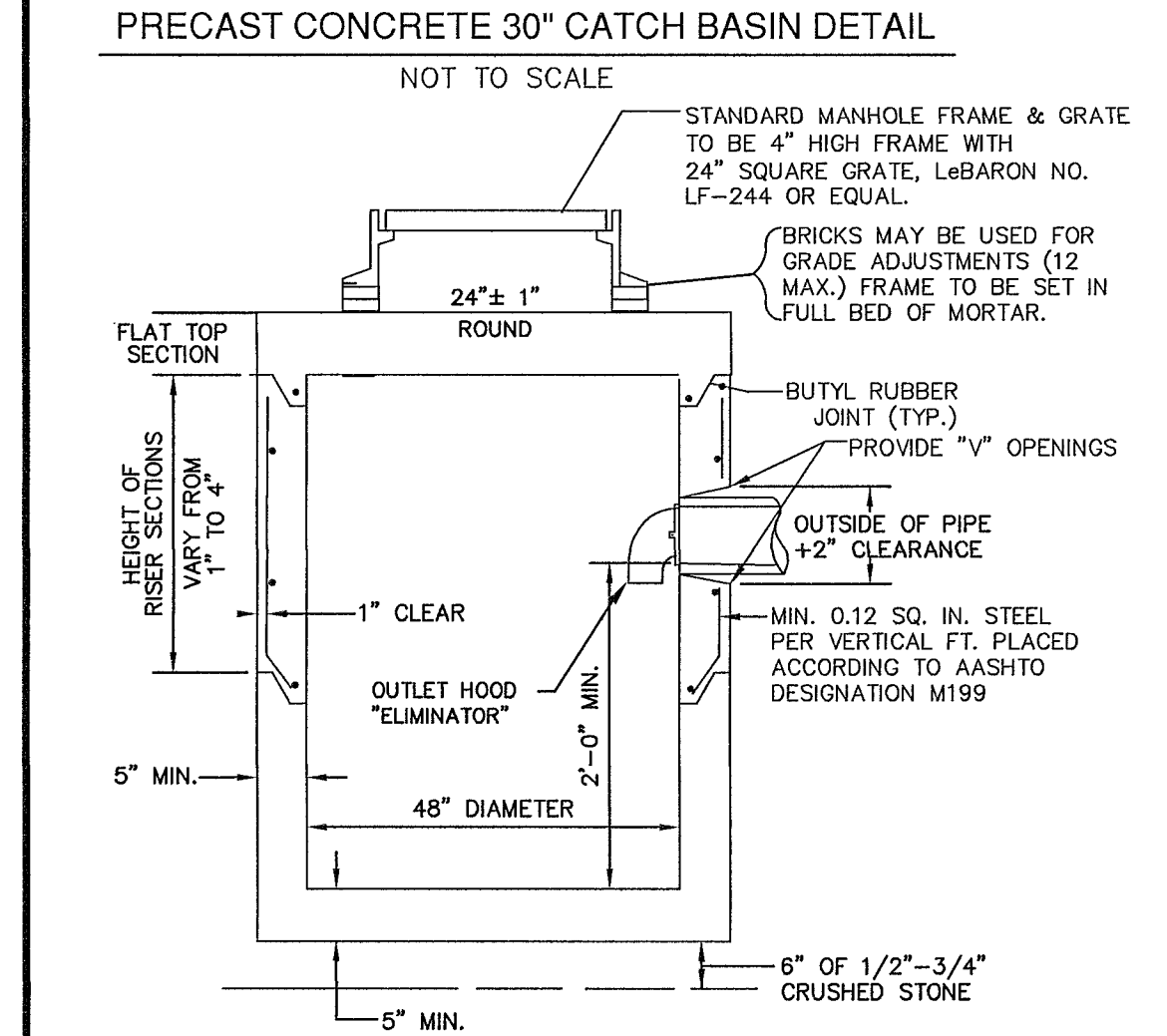


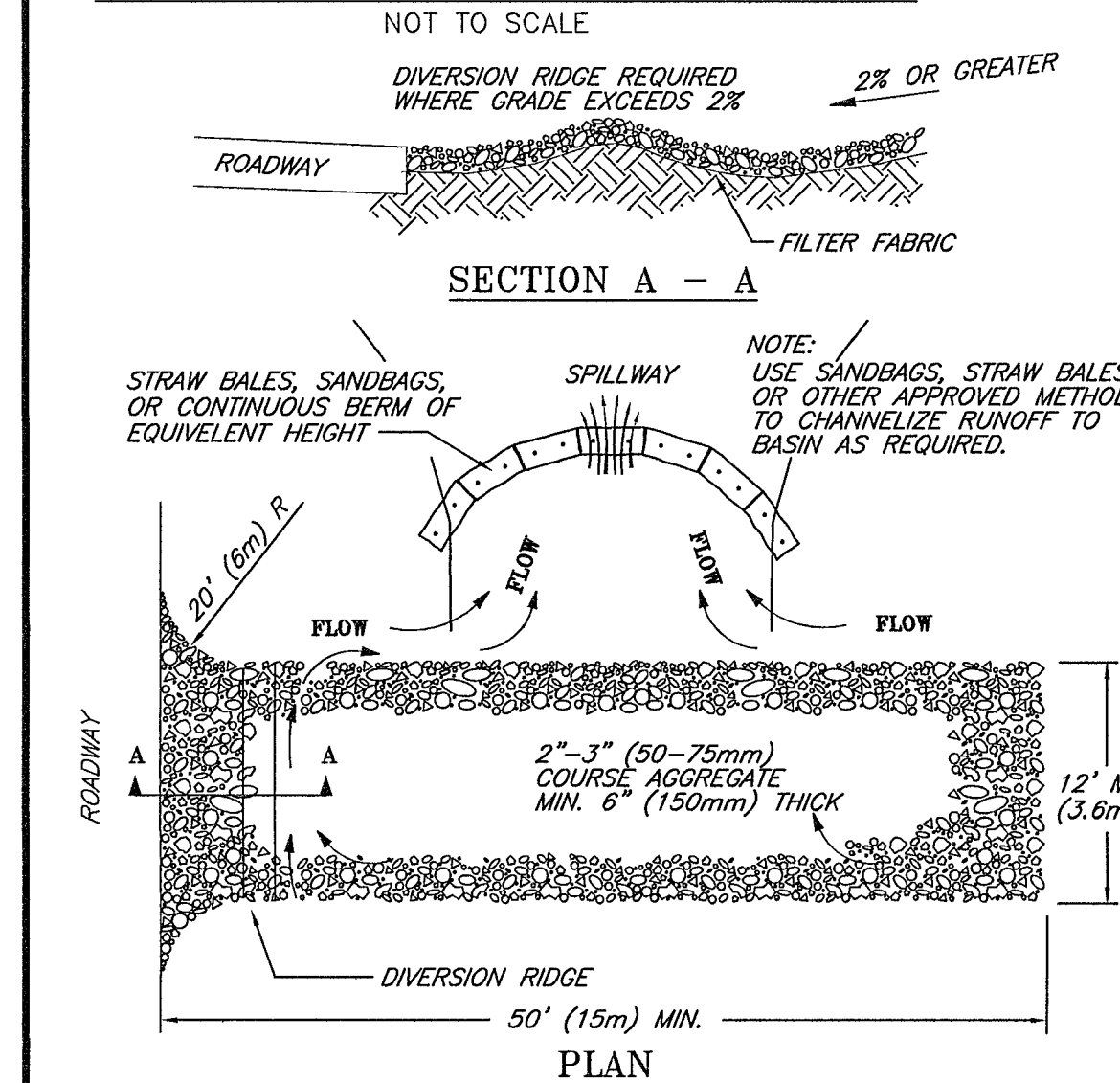
SITE PLAN
SCALE: 1" = 20'



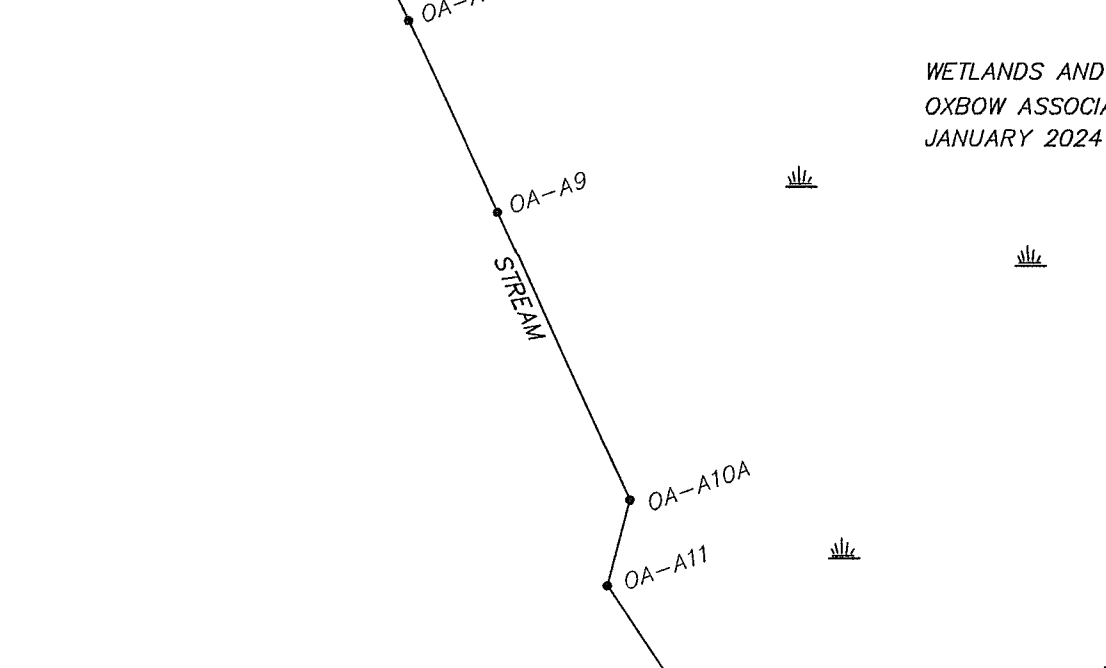
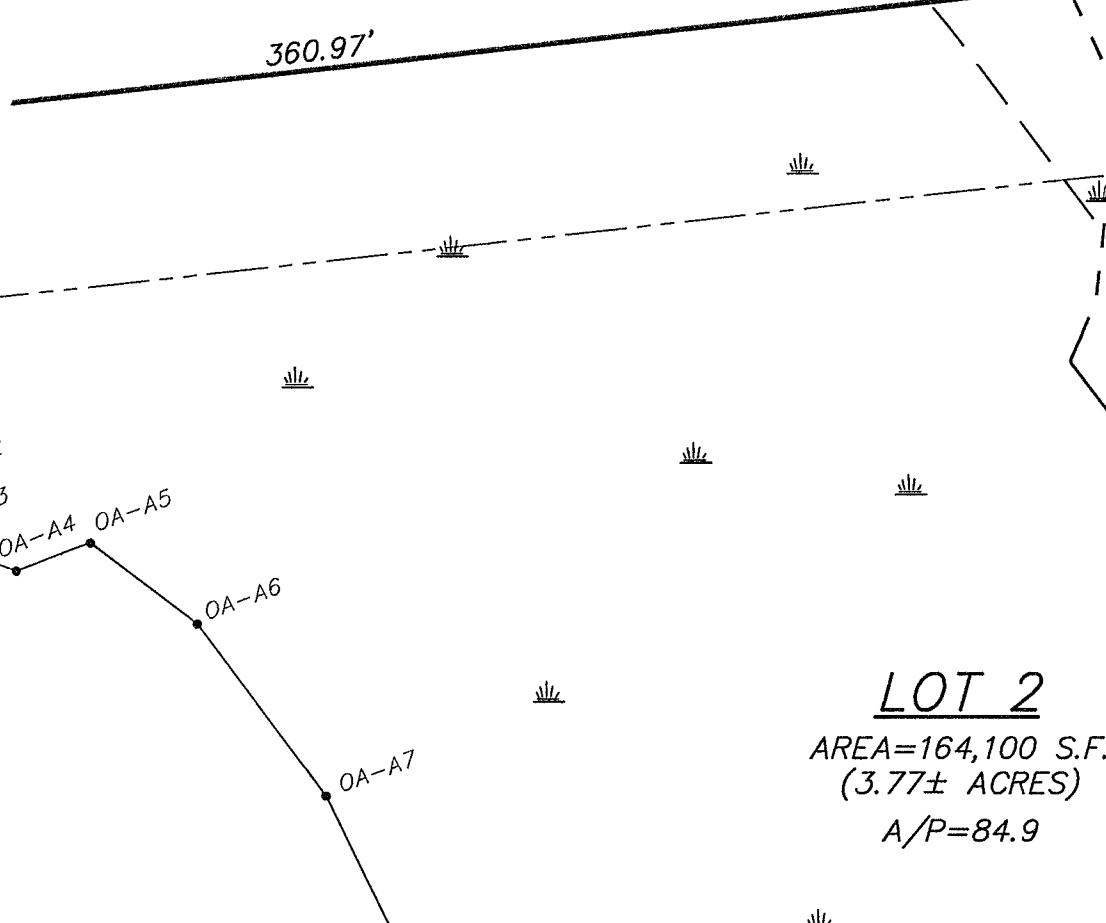
NOTE: NO BELL ENDS IN CATCH BASIN. CONNECTIONS TO BE TIGHTLY SEALED WITH MORTAR. DESIGNED FOR H-20 LOADING.



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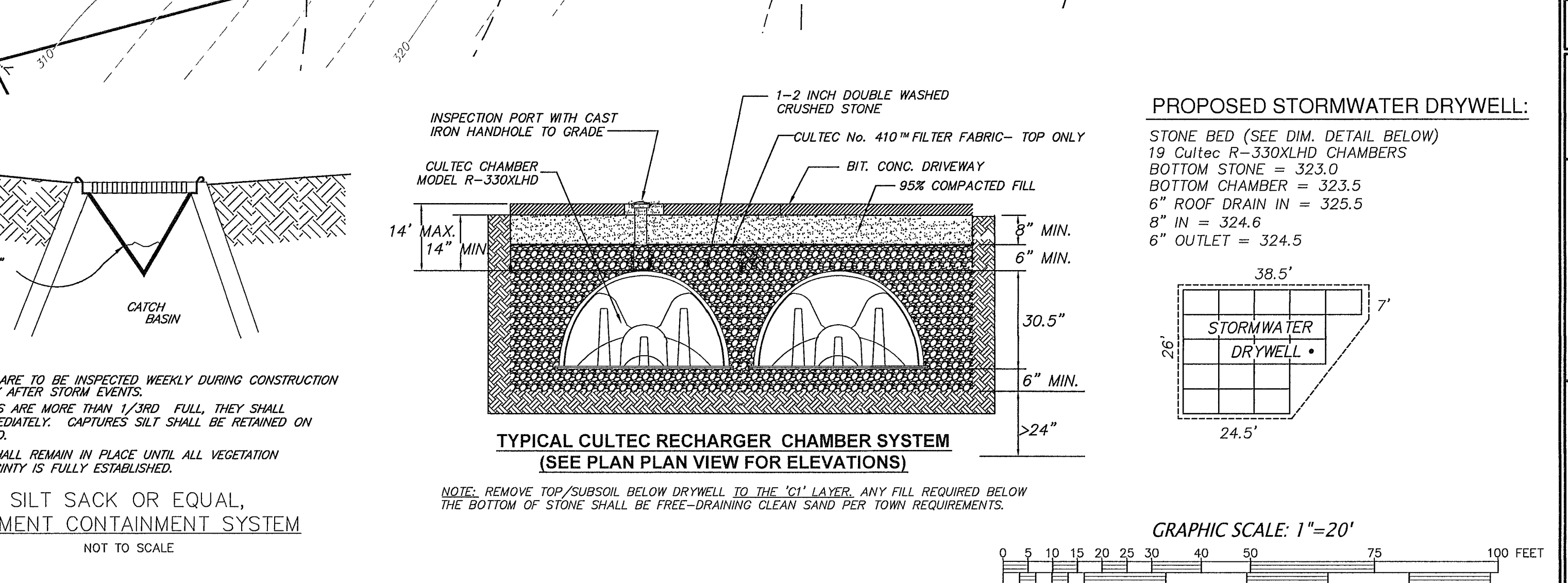
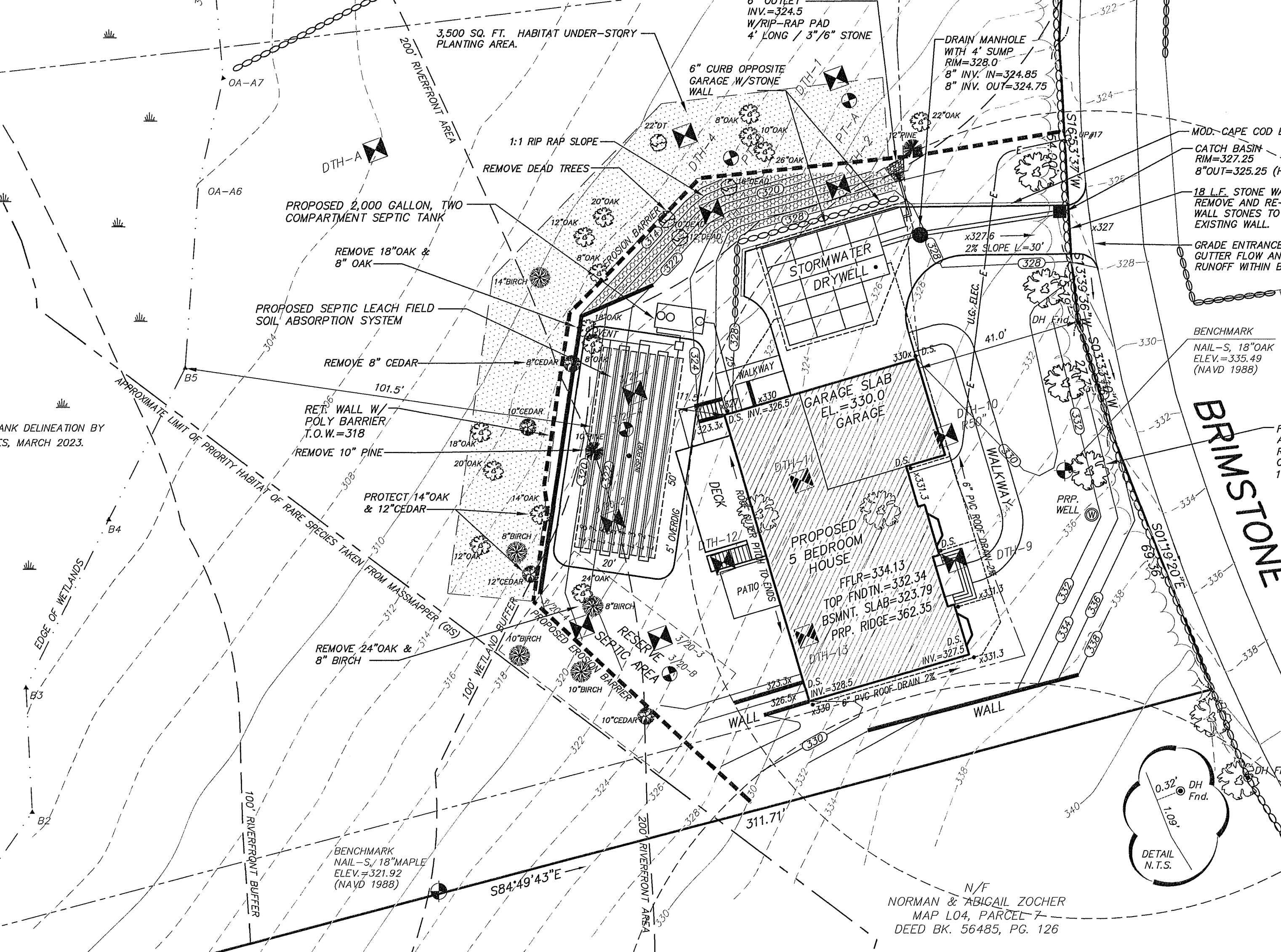


1994 JOHN McCOLLUM



BUFFER ZONE ALTERATION & MITIGATION SUMMARY
 BUFFER ZONE ALTERATION AREA = 1,385 SQ. FT.
 RIVERFRONT AREA (RFA) SUMMARY:
 TOTAL RFA ON-SITE = 134,106
 PROPOSED RFA DISTURBANCE = 1,100 SQ.FT. (0.8%)
 TOTAL ALTERATION AREA = 2,285 SQ.FT.
 BUFFER ZONE PLUS RFA (INCLUDES OVERLAPPING AREAS)
 PROPOSED TREE REMOVAL WITHIN BUFFER & RFA
 24" OAK
 18" OAK
 8" OAK
 8" CEDAR
 8" BIRCH
 12" PINE
 (3) DEAD TREES
 PROPOSED MITIGATION
 REMOVE INVASIVE SPECIES WITHIN BUFFER ZONE (JAPANESE BARBERRY)
 PROPOSED UNDERSTORY HABITAT PLANTING AREA WITHIN WOODED AREAS = 3,500 SQ. FT. (1:5.1 RATIO)
 PLANTINGS SHALL BE NATIVE SPECIES TO INCLUDE:
 • WINTERBERRY
 • INKBERRY
 • SPICE BUSH
 OR EQUAL AS APPROVED BY THE COMMISSION
 TOTAL 48 SHRUBS PLANTED ROUGHLY 1 PER 75 SQUARE FEET, TO INFILL BARE AREAS.

NOTES:
 1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
 2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
 3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.
 SILT SACK OR EQUAL, SEDIMENT CONTAINMENT SYSTEM
 NOT TO SCALE



GRAPHIC SCALE: 1"=20'
 0 5 10 15 20 25 30 40 50 75 100 FEET
 0 2 4 6 8 10 15 20 25 30 METERS

SEDIMENTATION AND EROSION CONTROL NOTES:

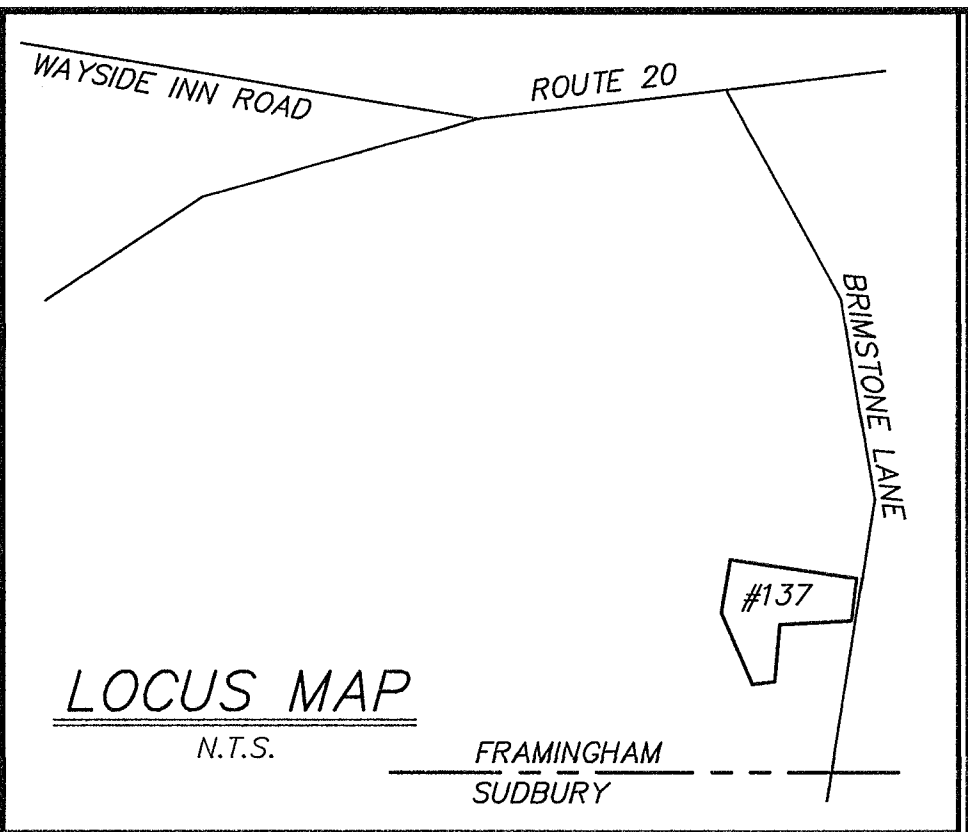
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DTH-1 6/21/23 317.0	DTH-2 6/21/23 320.5
Ap 0-11" SL 10YR3/2	Ap 0-12" SL 10YR3/2
Bw 11-27" LS 10YR6/8	Bw 12-20" LS 10YR6/8
Ci 27-87" LS 10YR5/4	Ci 29-84" LS 10YR5/4
E.S.H.G.W. - 58" ELEV. - 312.2	E.S.H.G.W. - 60" ELEV. - 316.5
DTH-3 6/21/23 308.6	DTH-4 6/21/23 311.5
Ap 0-13" SL 10YR3/2	Ap 0-12" SL 10YR3/2
Bw 13-29" LS 10YR6/8	Bw 12-28" LS 10YR6/8
Ci 29-92" LS 10YR5/4	Ci 28-90" LS 10YR5/4
E.S.H.G.W. - 65" ELEV. - 308.6	E.S.H.G.W. - 61" ELEV. - 306.4
DTH-9 9/8/17 334.0	DTH-10 9/8/17 FAIL
Ap 0-7" SL 10YR3/2	Ap 0-8" SL 10YR3/2
Bw 7-18" LS 10YR6/8	Bw 8-25" LS 10YR6/8
Ci 18-75" LS 10YR5/4	Ci 25-50" LS 10YR5/4
E.S.H.G.W. - -- ELEV. - 327.75	REFUSAL @ 50" ELEV. - FAIL
DTH-11 9/8/17 326.0	DTH-12 9/8/17 324.0
Ap 0-12" SL 10YR3/2	Ap 0-10" SL 10YR3/2
Bw 12-33" LS 10YR6/8	Bw 10-25" LS 10YR6/8
Ci 33-91" LS 10YR5/4	Ci 25-90" LS 10YR5/4
E.S.H.G.W. - 88" ELEV. - 320.3	E.S.H.G.W. - 63" ELEV. - 318.75
DTH-13 9/8/17 329.0	DTH-14 6/21/23 304.0
Ap 0-8" SL 10YR3/2	Ap 0-12" SL 10YR3/2
Bw 8-25" LS 10YR6/8	Bw 12-40" LS 10YR6/8
Ci 25-74" LS 10YR5/4	Ci 40-65" LS 10YR5/4
E.S.H.G.W. - -- ELEV. - 322.8	E.S.H.G.W. - 42" ELEV. - 301.0
DTH-3/20-1 3/20/24 318.0	DTH-3/20-2 3/20/24 318.5
Ap 0-11" SL 10YR3/2	Ap 0-9" SL 10YR3/2
Bw 11-37" LS 10YR6/8	Bw 9-32" LS 10YR6/8
Ci 37-120" LS 2.5YR5/4	Ci 32-122" LS 2.5YR5/4
E.S.H.G.W. - 120" ELEV. - 308.0	E.S.H.G.W. - 122" ELEV. - 308.3
DTH-3/20-3 3/20/24 323.0	DTH-3/20-4 3/20/24 320.0
Ap 0-12" SL 10YR3/2	Ap 0-8" SL 10YR3/2
Bw 12-37" LS 10YR6/8	Bw 8-38" LS 10YR6/8
Ci 37-124" LS 2.5YR5/4	Ci 38-123" LS 2.5YR5/4
E.S.H.G.W. - 124" ELEV. - 312.7	E.S.H.G.W. - 123" ELEV. - 308.8

PROPOSED STORMWATER PLAN

APPLICANT CARRIE MACIEL		LOCATION LOT 2 BRIMSTONE LANE SUDBURY, MA ASSESSORS MAP L04 & PARCEL 08	
NO.	DATE:	REVISION:	BY:
3	6/10/2024	STORMWATER PEER REVIEW	REM
2	4/12/24	RE-DESIGN SEPTIC SYSTEM, REPOSITION HOUSE, GRADING	REM
1	1/25/24	ADDITIONAL WETLANDS, REVISE SITE LAYOUT AND GRADING	REM

CONNORSTONE ENGINEERING
 CONSULTING CIVIL ENGINEERS AND LAND SURVEYORS
 10 SOUTHWEST CUTOFF, SUITE 7
 NORTHBOROUGH, MASSACHUSETTS 01532
 PHONE: 508-393-9727 WWW.CSEI.NET
 121 BOSTON POST RD. SUDBURY, MA. 01776
 PHONE: 978-443-9566 WWW.SULLIVANCONNORS.COM
 DATE: 11/06/23 SHEET 1 OF 2

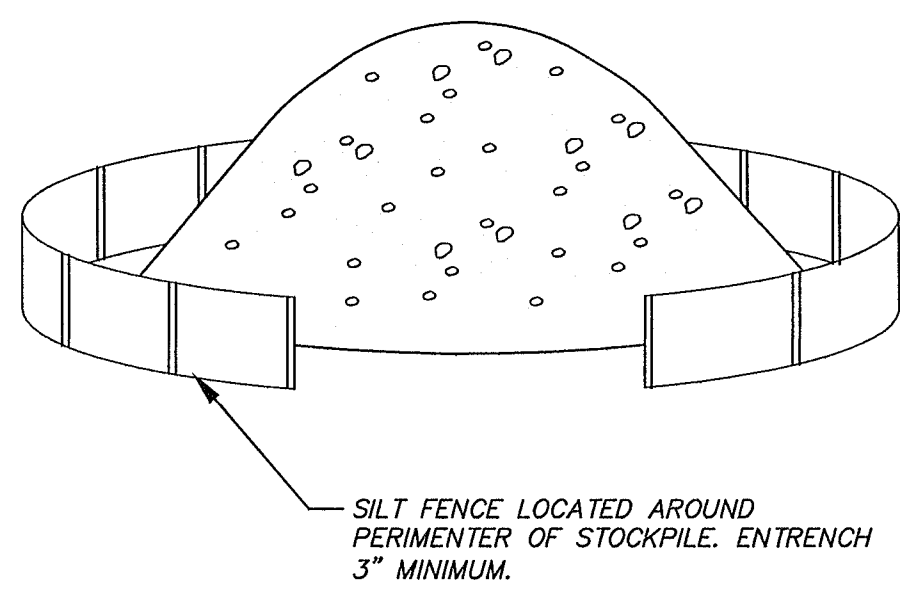


SITE PLAN
SCALE: 1" = 20'

N/F
ROBERT & DENISE FUSHI
MAP L04, PARCEL 5
DEED BK. 25219, PG. 368

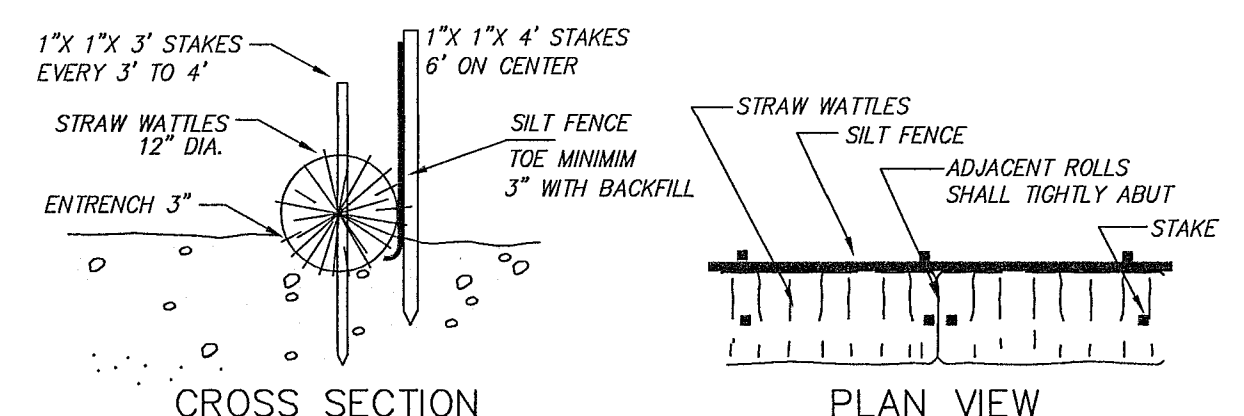
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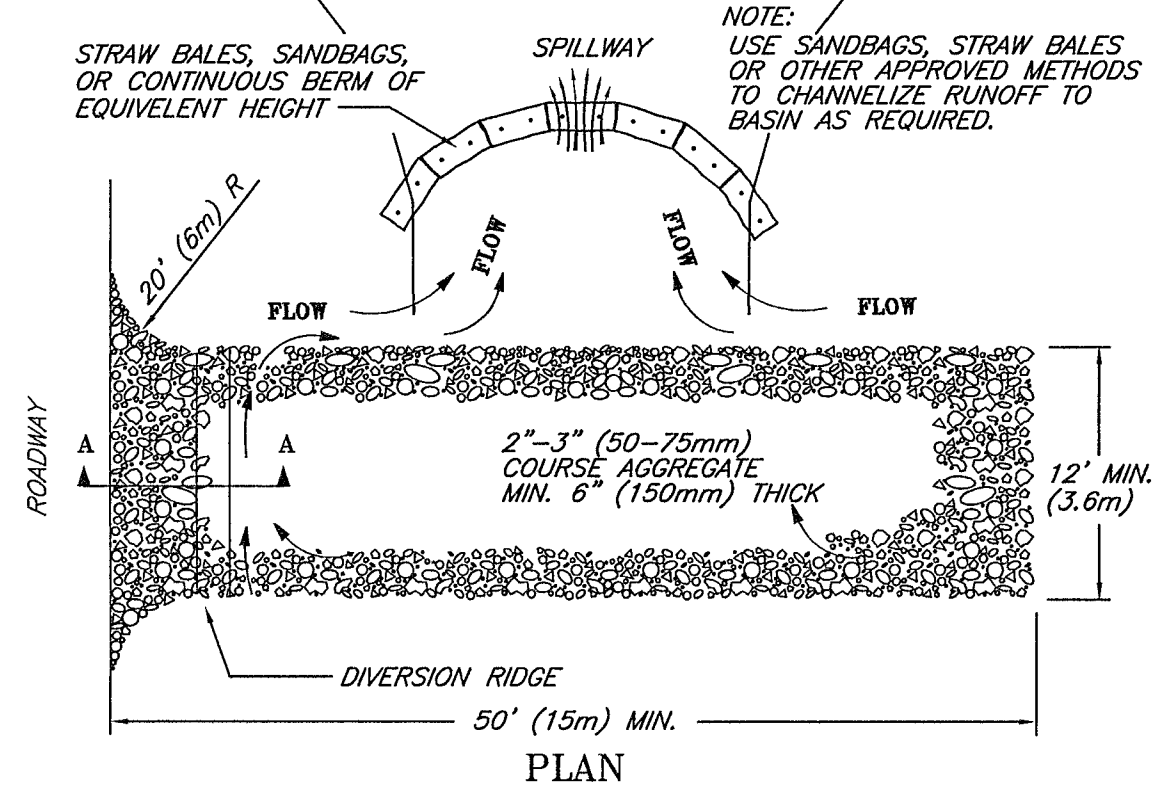
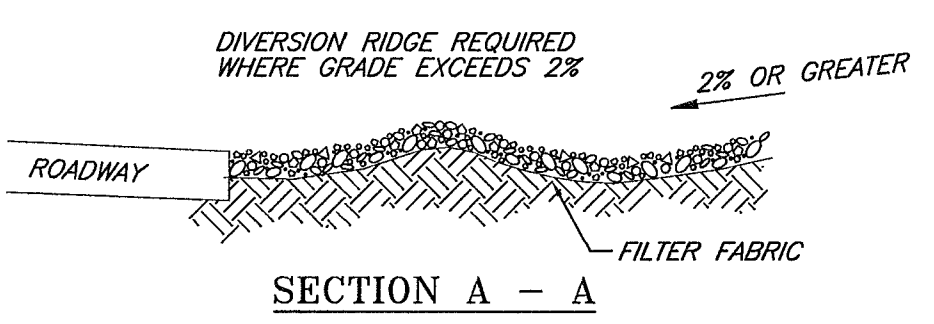


- NOTES:**
1. NO MATERIALS SUBJECT TO EROSION SHALL BE STOCKPILED OVERNIGHT WITHIN 100 FEET OF A WETLAND UNLESS COVERED.
 2. STOCKPILES SHALL BE LOCATED ON DRY STABLE AREAS.
 3. STOCKPILES TO REMAIN FOR GREATER THAN SEVEN DAYS SHALL BE STABILIZED WITH A TEMPORARY SEED MIXTURE.

SOIL STOCKPILE DETAIL
NOT TO SCALE

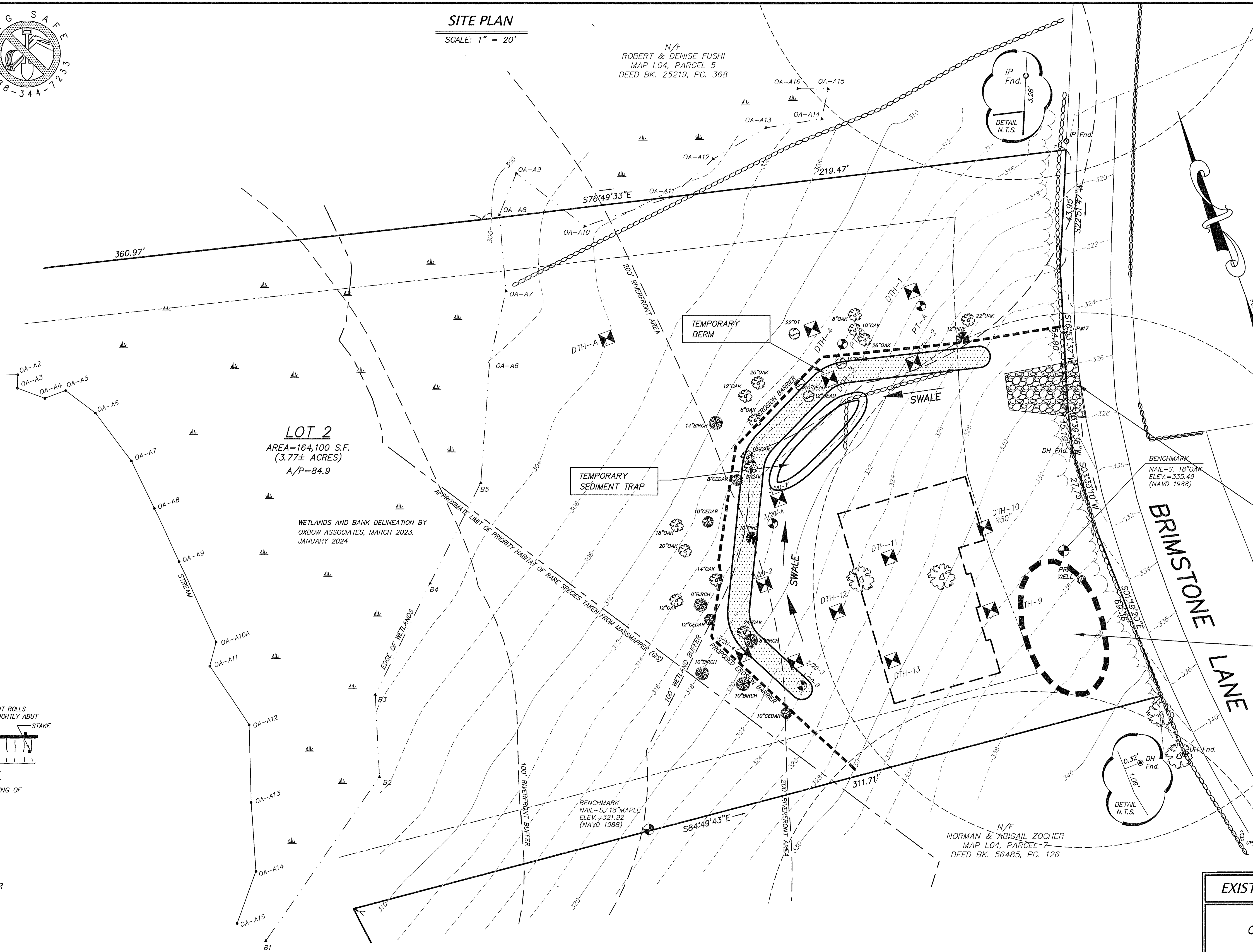


EROSION BARRIER DETAIL
NOT TO SCALE



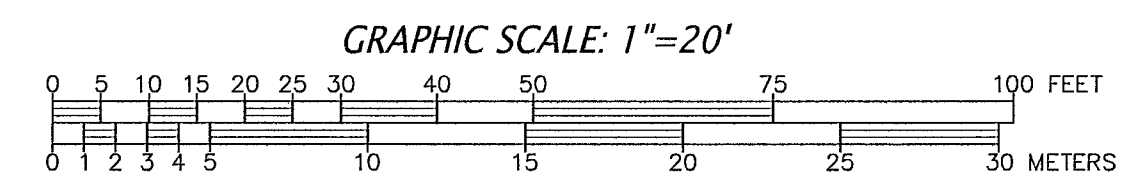
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TEMPORARY GRAVEL CONSTRUCTION ENTRANCE/EXIT
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DURING CONSTRUCTION INSTALL TEMPORARY STONE ENTRANCE CONSISTING OF 3" CRUSHED STONE, 12" WIDE, 6" THICK FOR A LENGTH OF 30 FEET OFF THE ROADWAY.

SOIL STOCK PILE AREA



EXISTING CONDITIONS & SITE PREPARATION PLAN

APPLICANT		LOCATION	
CARRIE MACIEL		LOT 2 BRIMSTONE LANE SUDBURY, MA ASSESSORS MAP L04 & PARCEL 08	
NO.	DATE:	REVISION:	BY:
3	6/10/2024	STORMWATER PEER REVIEW	REM
2	4/12/24	RE-DESIGN SEPTIC SYSTEM, REPOSITION HOUSE, GRADING	REM
1	1/25/24	ADDITIONAL WETLANDS, REVISE SITE LAYOUT AND GRADING	REM
CONNORSTONE ENGINEERING CONSULTING CIVIL ENGINEERS AND LAND SURVEYORS 10 SOUTHWEST CUTOFF, SUITE 7 NORTHBOROUGH, MASSACHUSETTS 01532 PHONE: 508-393-9727 WWW.CSEI.NET 121 BOSTON POST RD. SUDBURY, MA. 01776 PHONE: 978-443-9566 WWW.SULLIVANCONNORS.COM DATE: 11/06/23 SHEET 2 OF 2			

