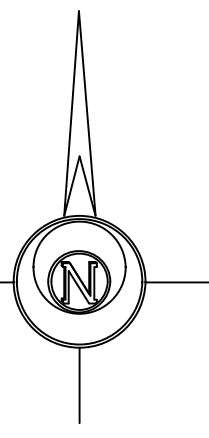
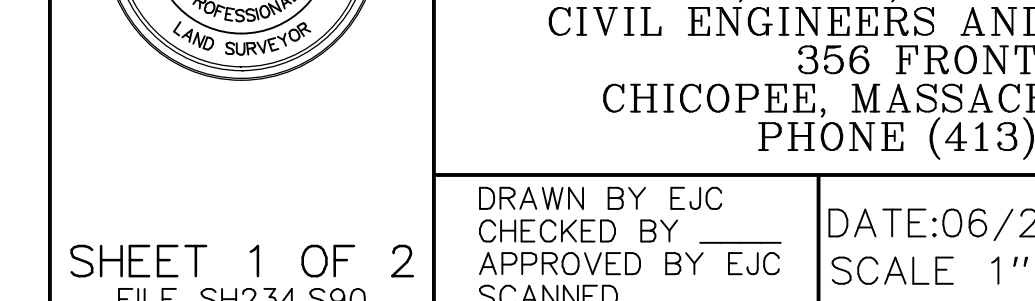
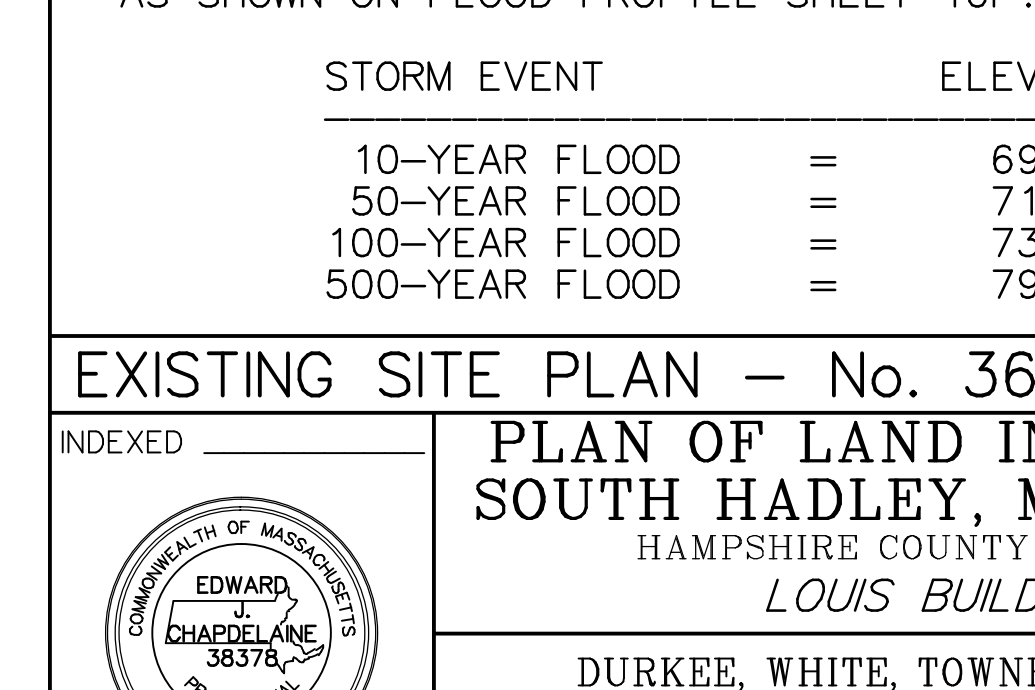
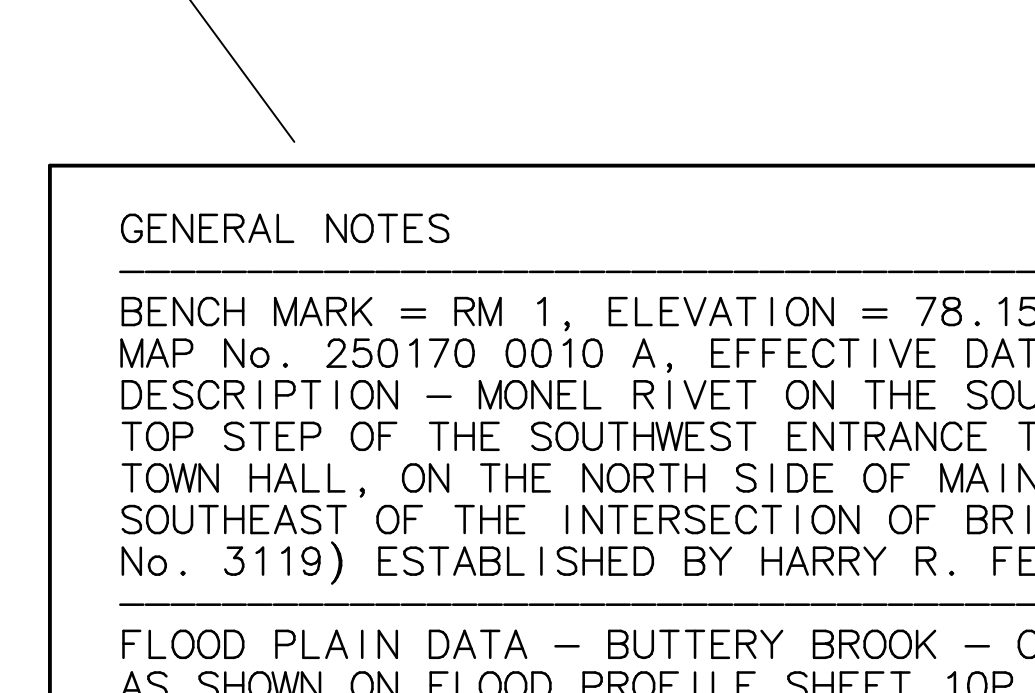
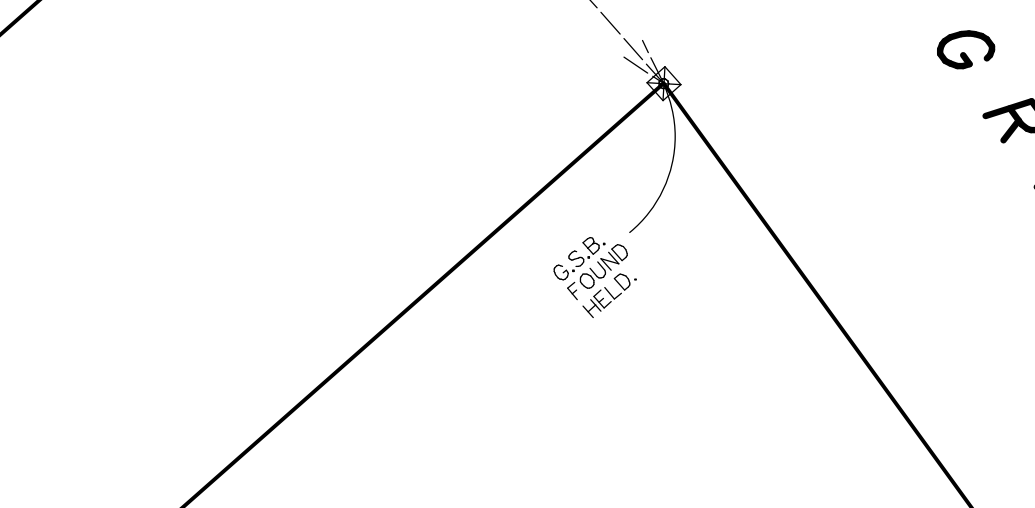
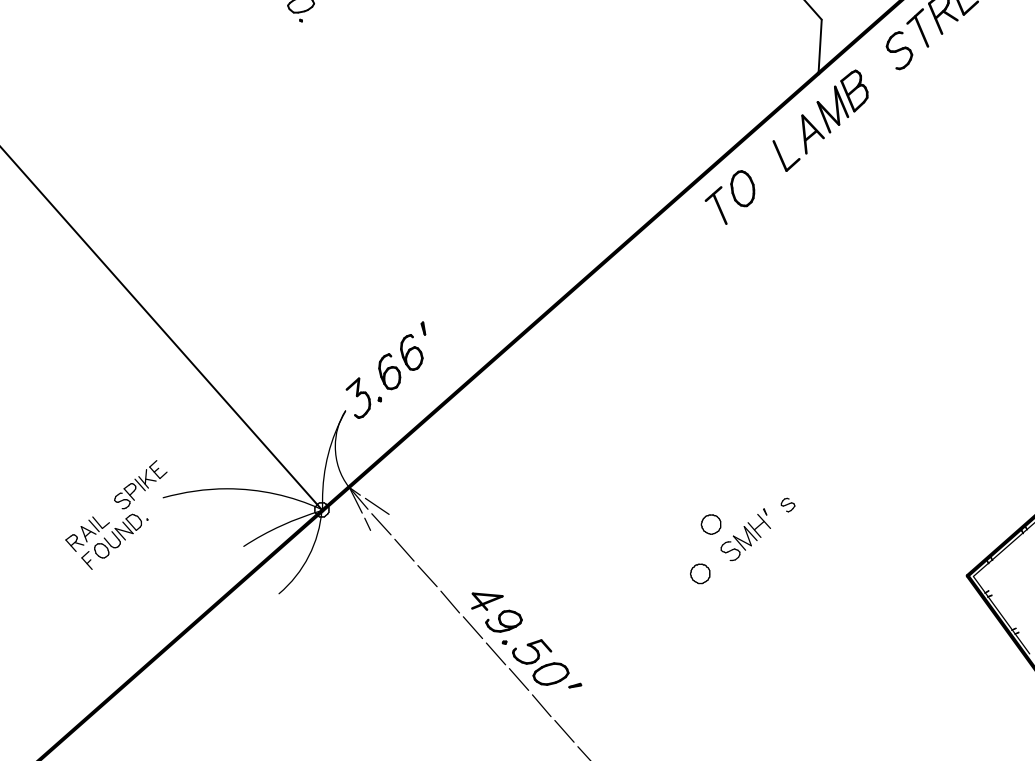
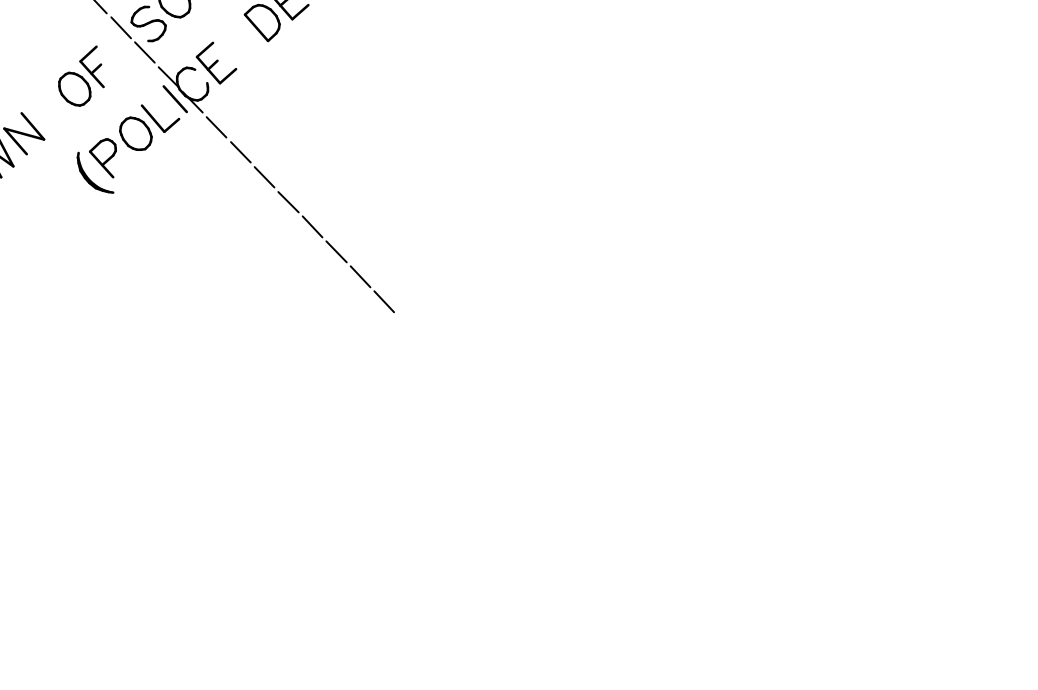
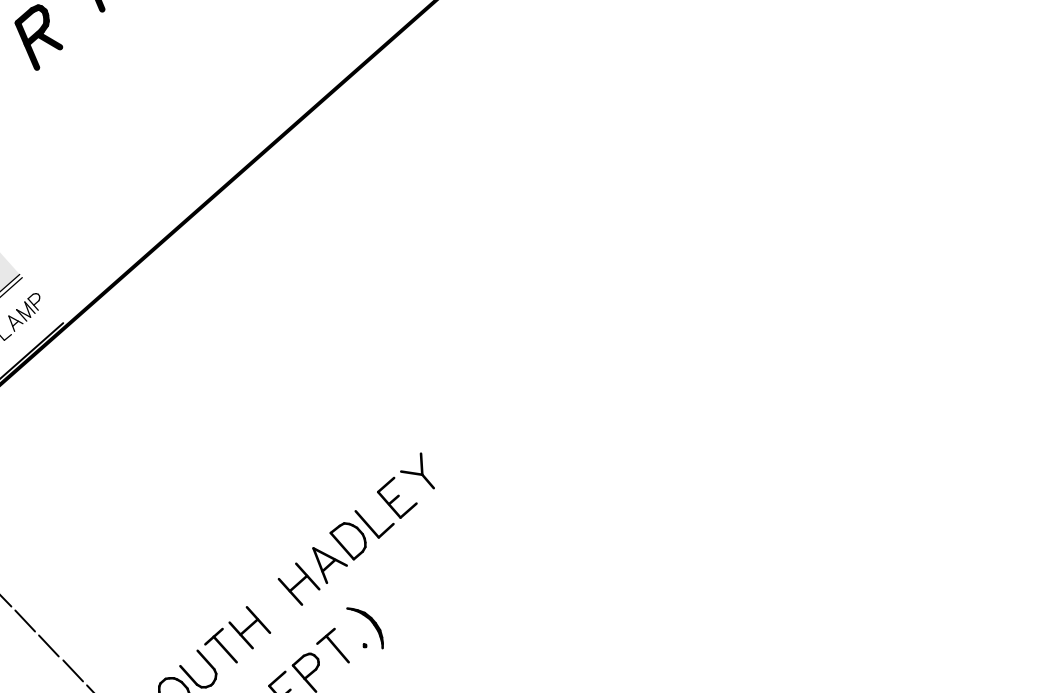
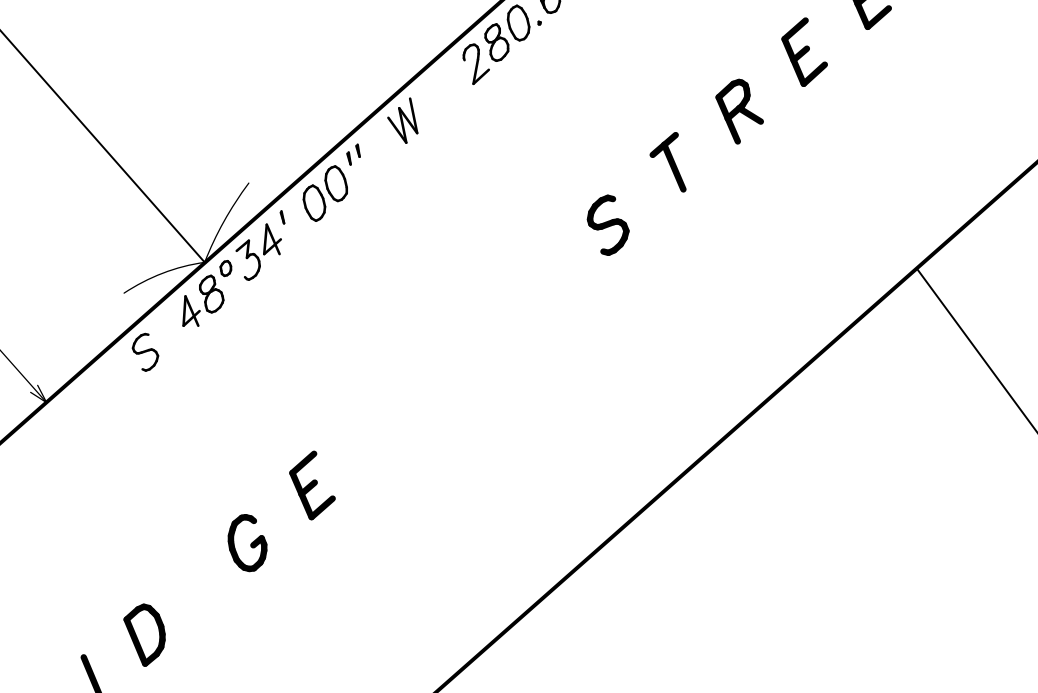
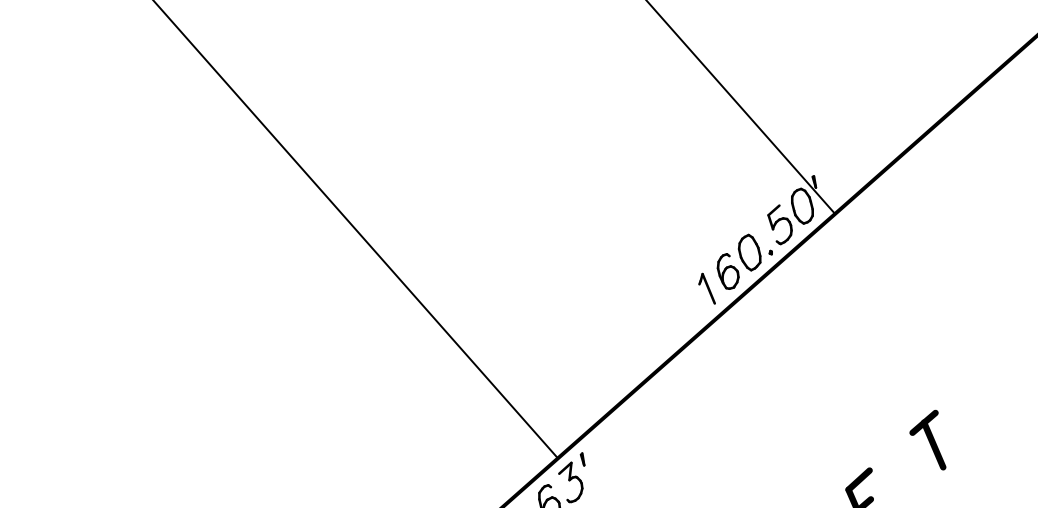
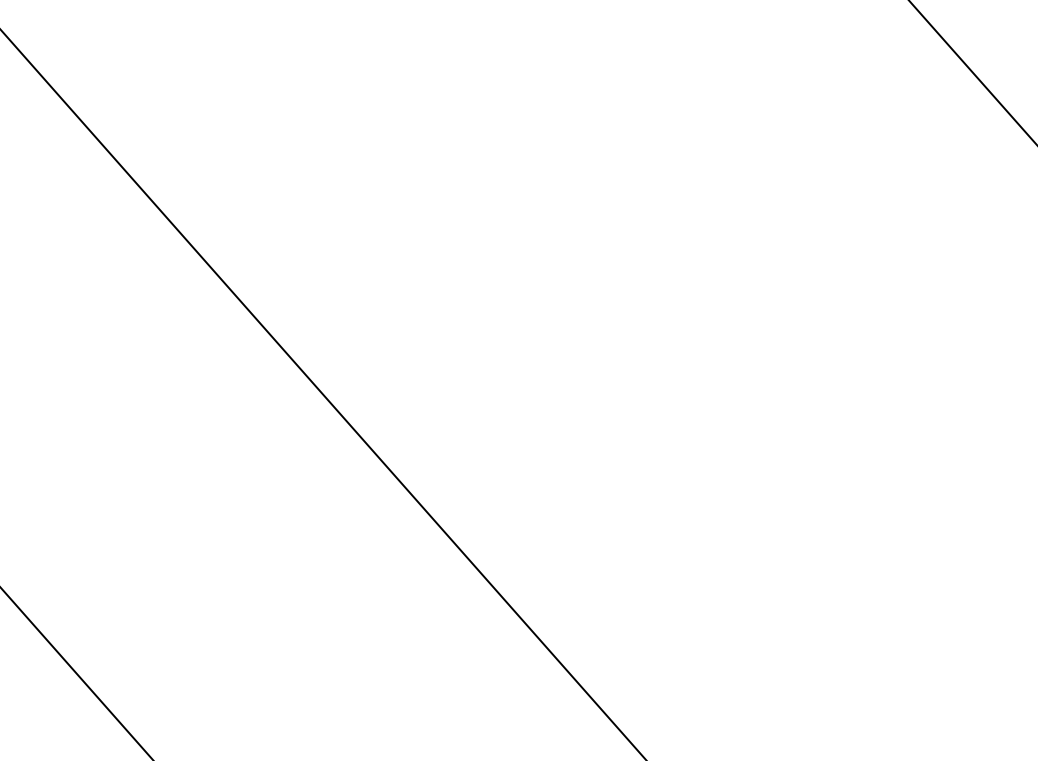
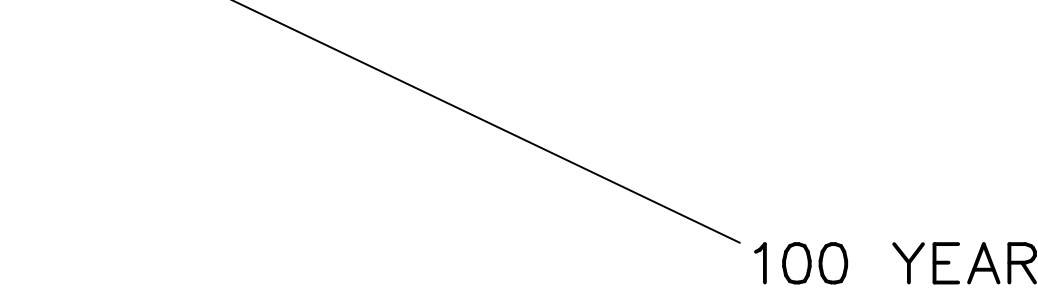
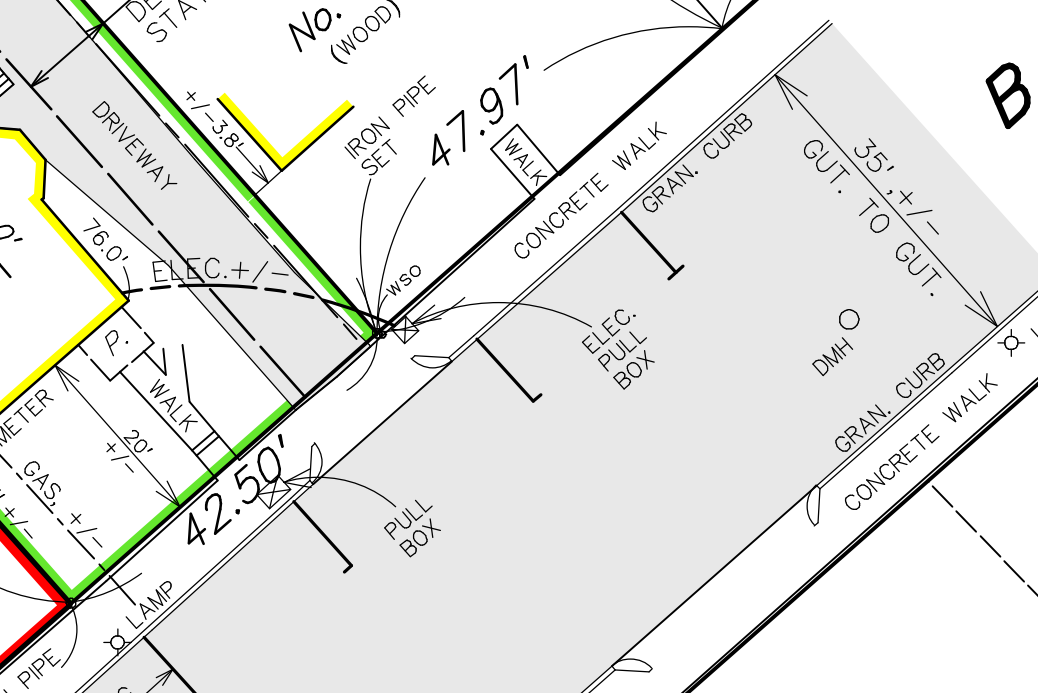
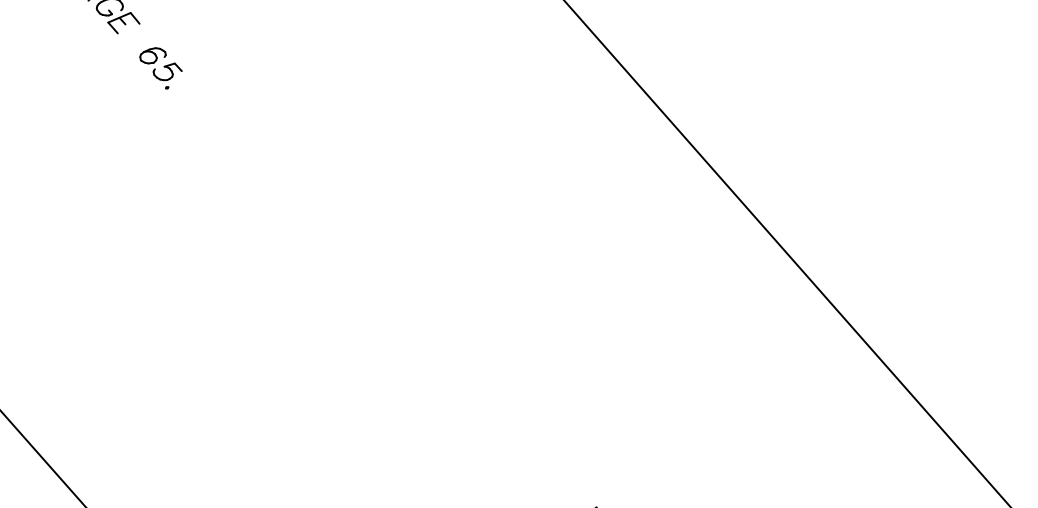
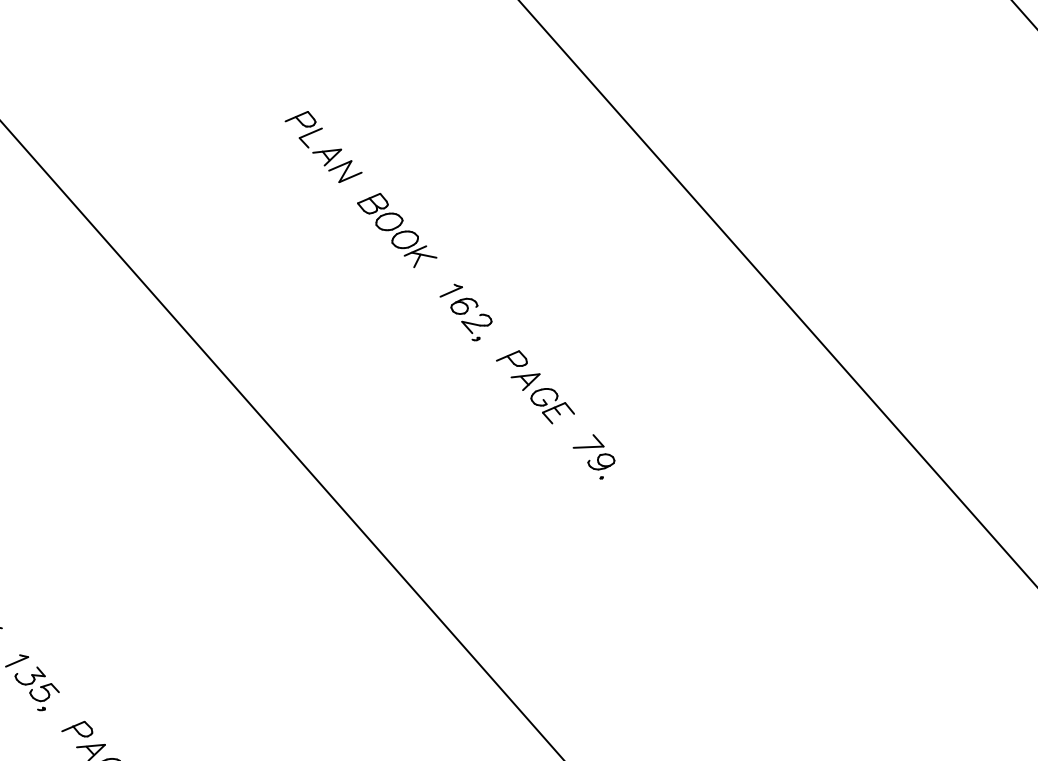
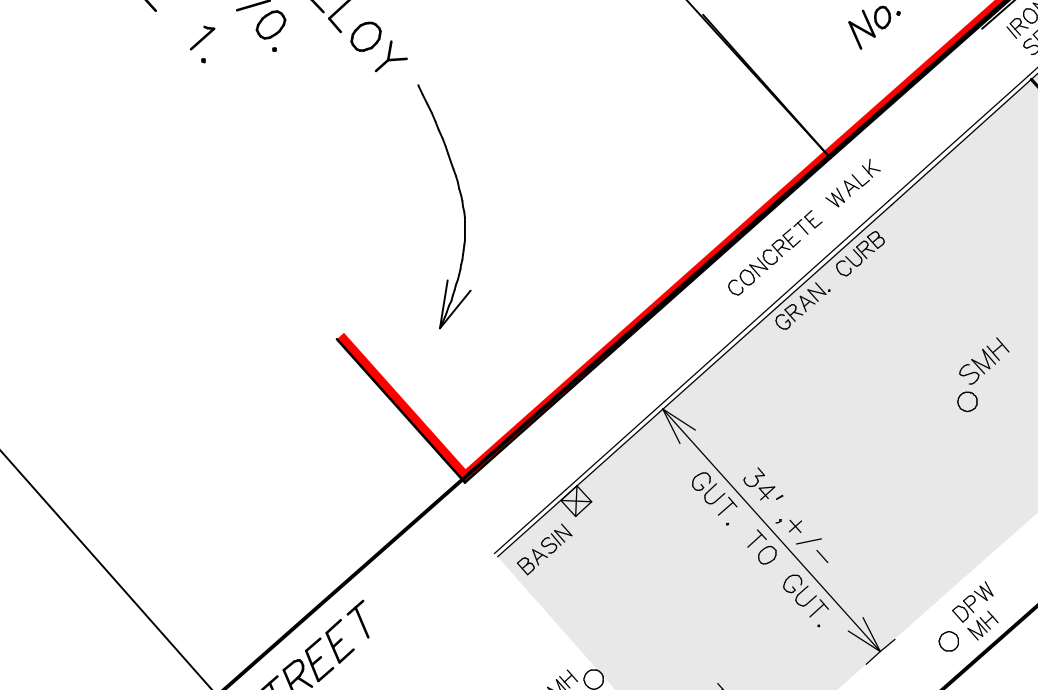
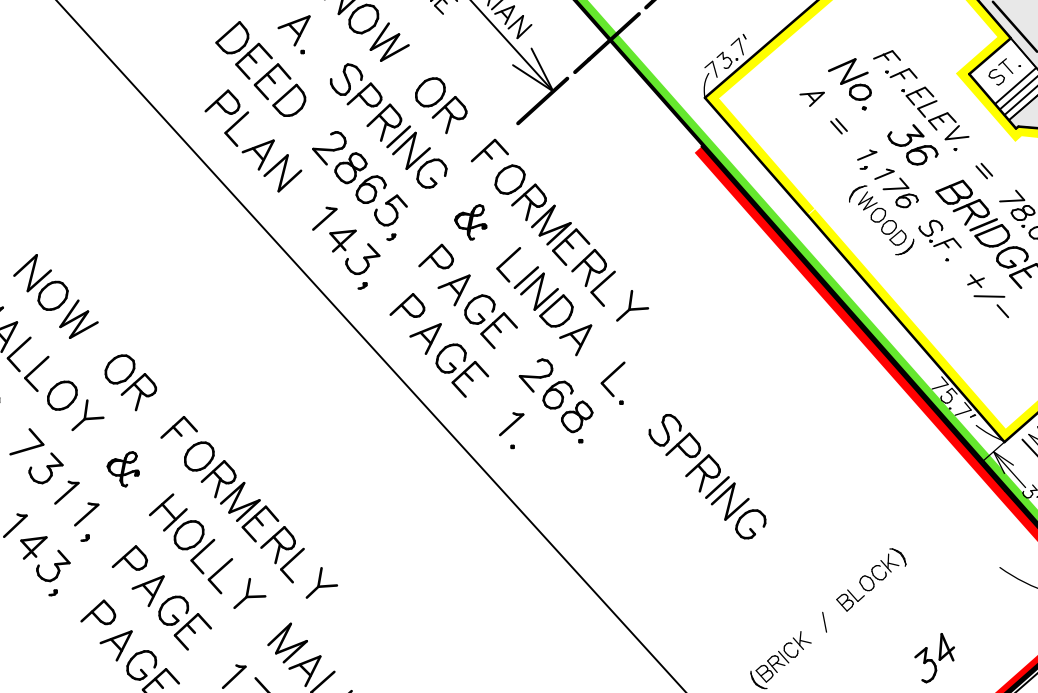
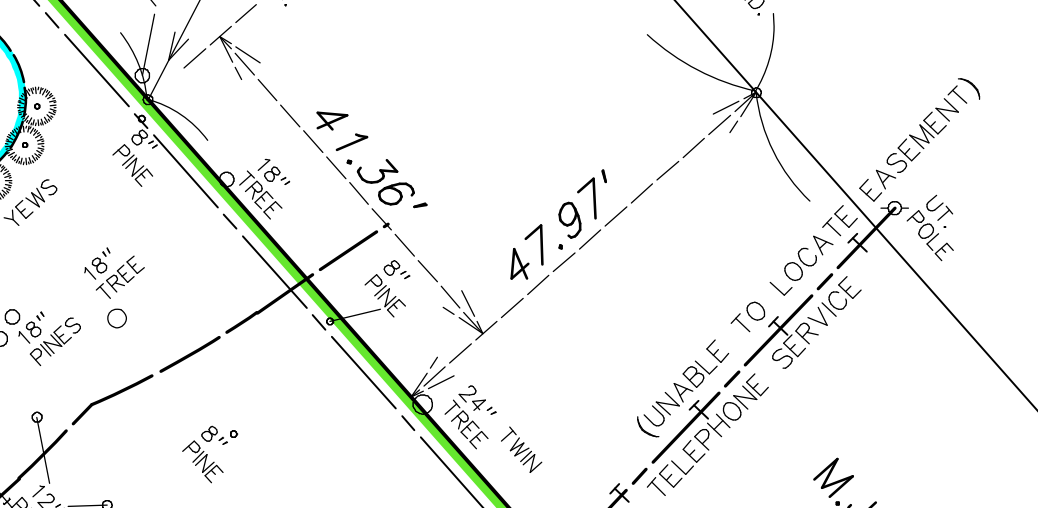
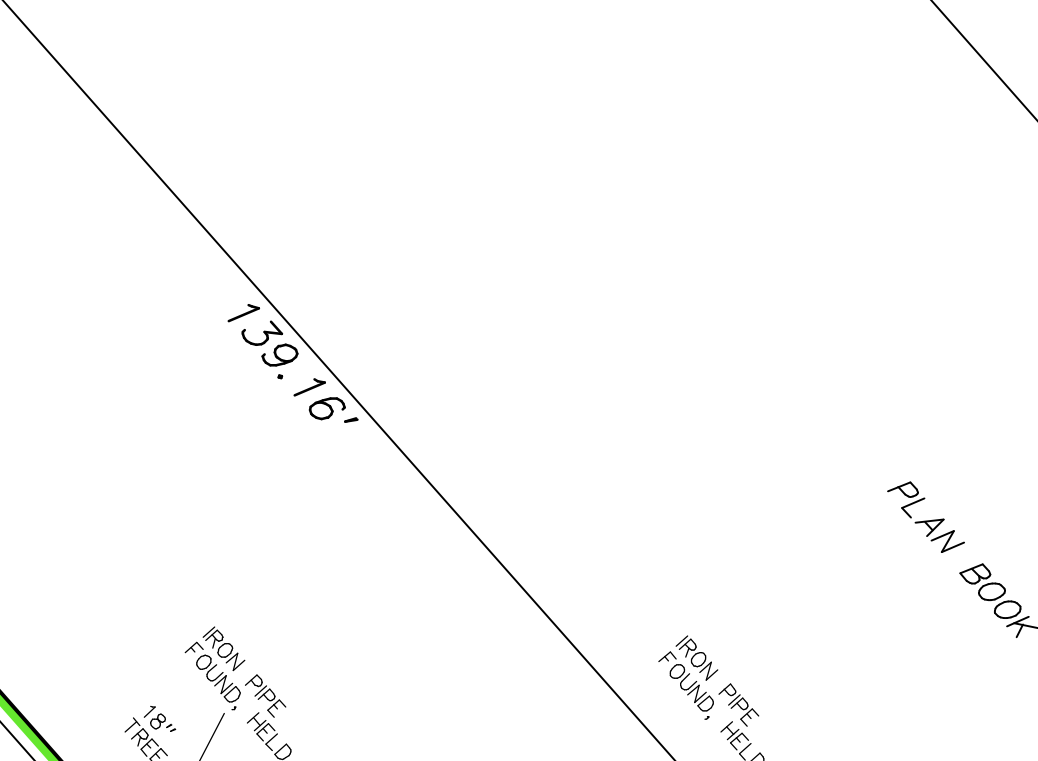
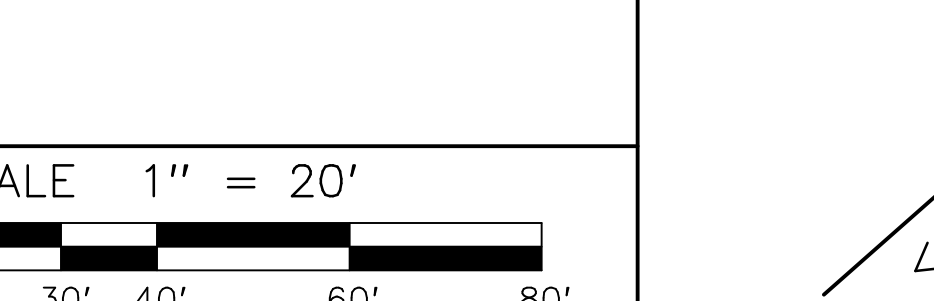
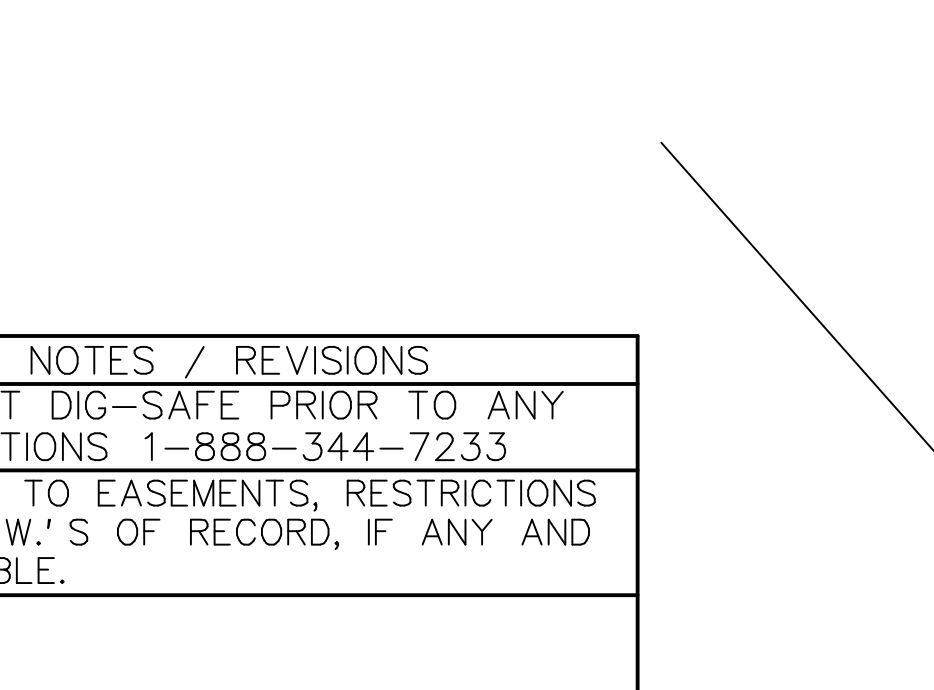
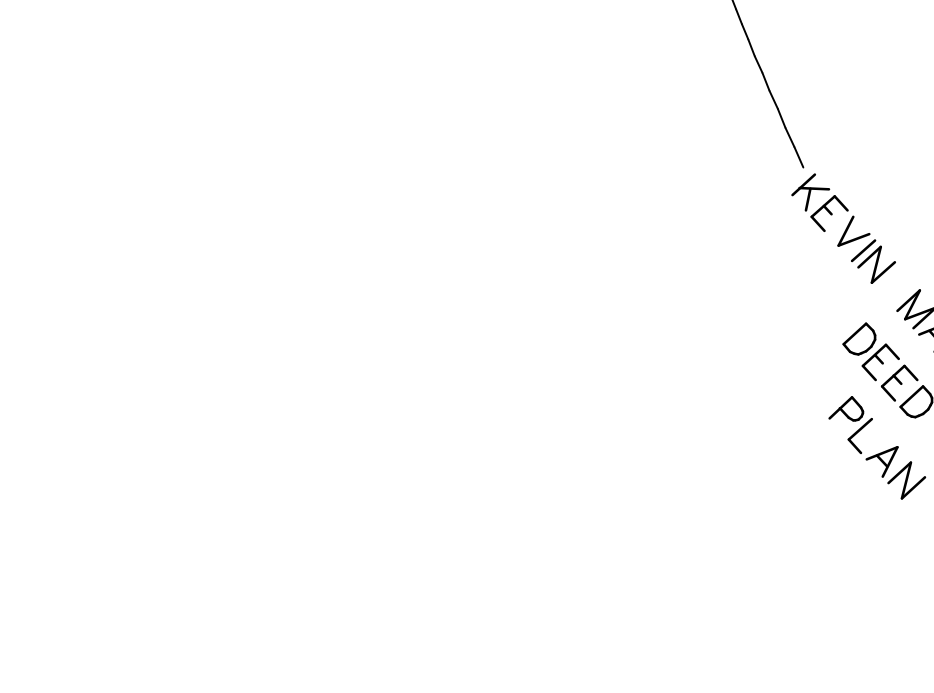
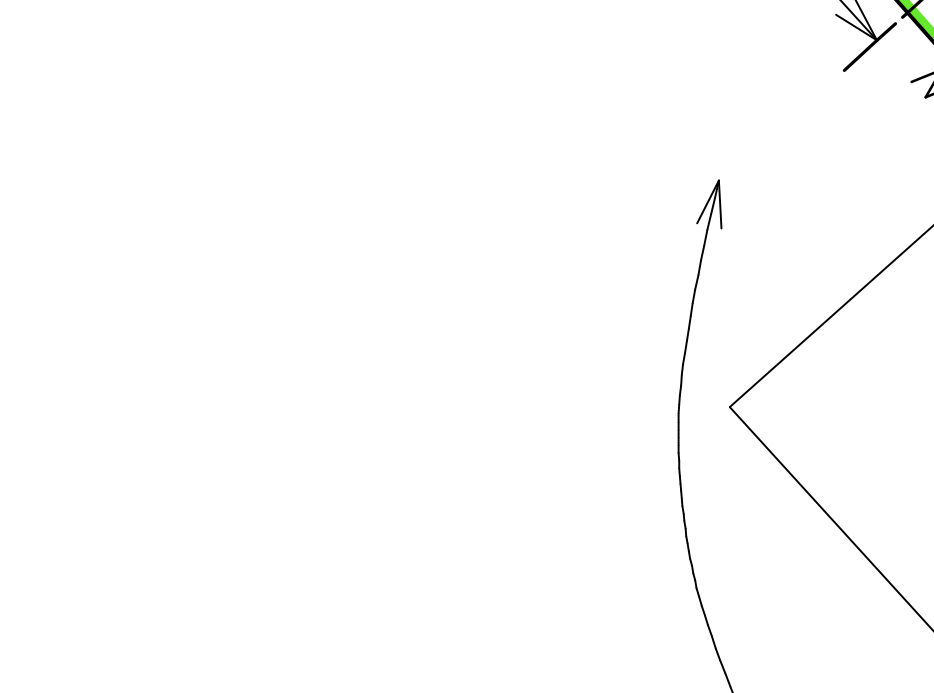
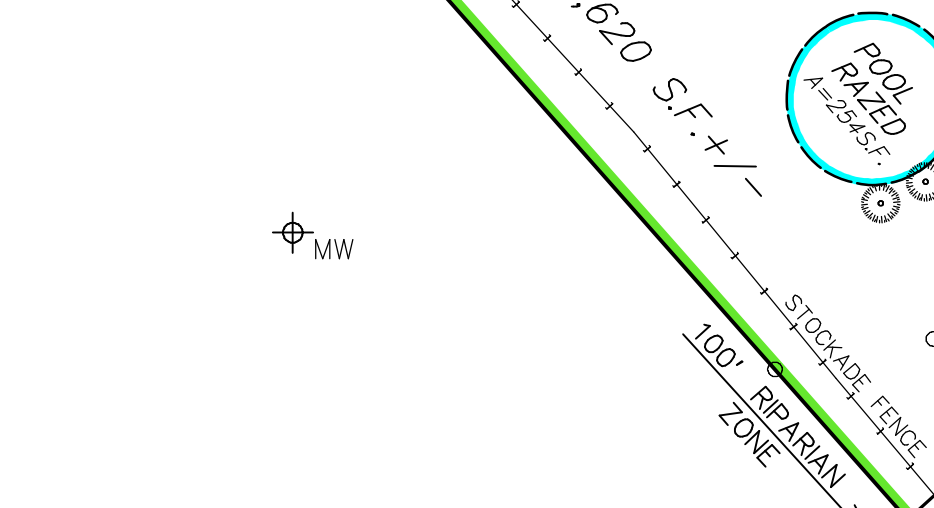
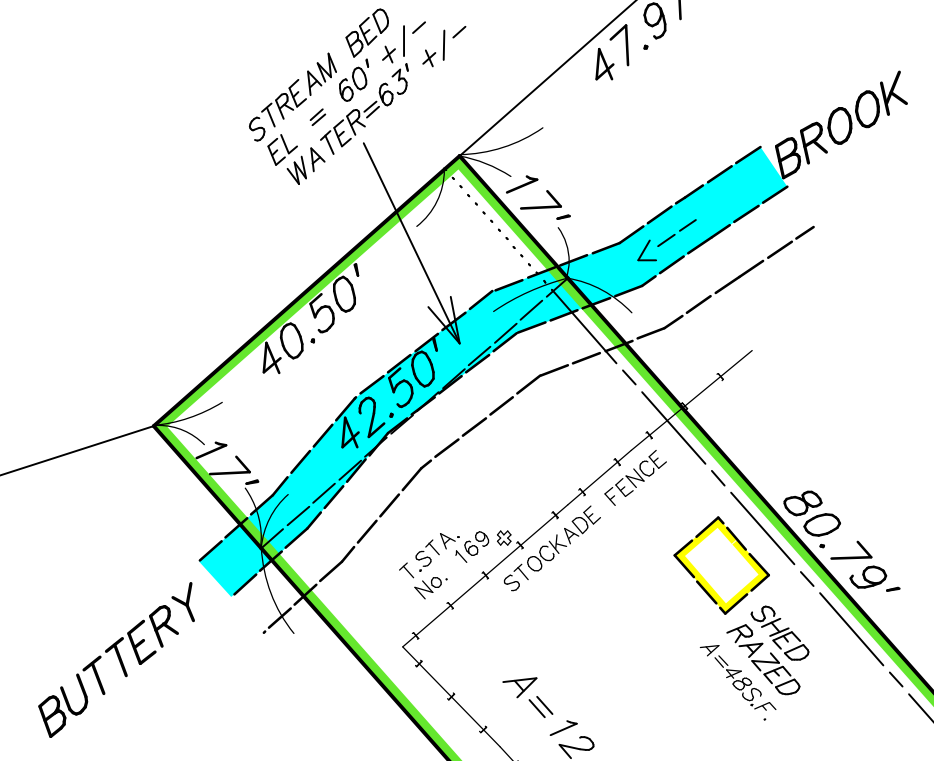


ASSUMED AS PER MASS. STATE PLANE.



NOW OR FORMERLY LORRAINE R. MANLEY DEED 9046, PAGE 114.



GENERAL NOTES

BENCH MARK = RM 1, ELEVATION = 78.15' AS SHOWN ON FEMA MAP No. 250170 0010 A, EFFECTIVE DATE AUGUST 15, 1979. DESCRIPTION - MONEL RIVET ON THE SOUTHEAST END OF THE TOP STEP OF THE SOUTHWEST ENTRANCE TO THE SOUTH HADLEY TOWN HALL, ON THE NORTH SIDE OF MAIN STREET, 300 FEET SOUTHEAST OF THE INTERSECTION OF BRIDGE STREET (TBM No. 3119) ESTABLISHED BY HARRY R. FELDMAN, INC.

FLOOD PLAIN DATA - BUTTERY BROOK - CROSS SECTION B-C AS SHOWN ON FLOOD PROFILE SHEET 10P.

STORM EVENT	ELEVATION
10-YEAR FLOOD	= 69.0'
50-YEAR FLOOD	= 71.0'
100-YEAR FLOOD	= 73.8'
500-YEAR FLOOD	= 79.9'

EXISTING SITE PLAN - No. 36 BRIDGE STREET

INDEXED

PLAN OF LAND IN THE TOWN OF SOUTH HADLEY, MASSACHUSETTS
HAMPSHIRE COUNTY - PREPARED FOR
LOUIS BUILDERS, INC.

DURKEE, WHITE, TOWNE AND CHAPDELAIN
CIVIL ENGINEERS AND LAND SURVEYORS
356 FRONT STREET
CHICOPEE, MASSACHUSETTS - 01013
PHONE (413) 592-5164

DRAWN BY EJC
CHECKED BY _____
APPROVED BY EJC
SCANNED _____

DATE: 06/22/2010
SCALE 1" = 20'

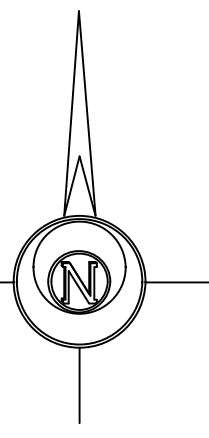
DRAWING No. 98-5794 # 7

SHEET 1 OF 2
FILE SH234.S90

DATE	NOTES / REVISIONS
NOTE	CONTACT DIG-SAFE PRIOR TO ANY EXCAVATIONS 1-888-344-7233
NOTE	SUBJECT TO EASEMENTS, RESTRICTIONS AND R.O.W.'S OF RECORD, IF ANY AND APPLICABLE.
SCALE 1" = 20'	

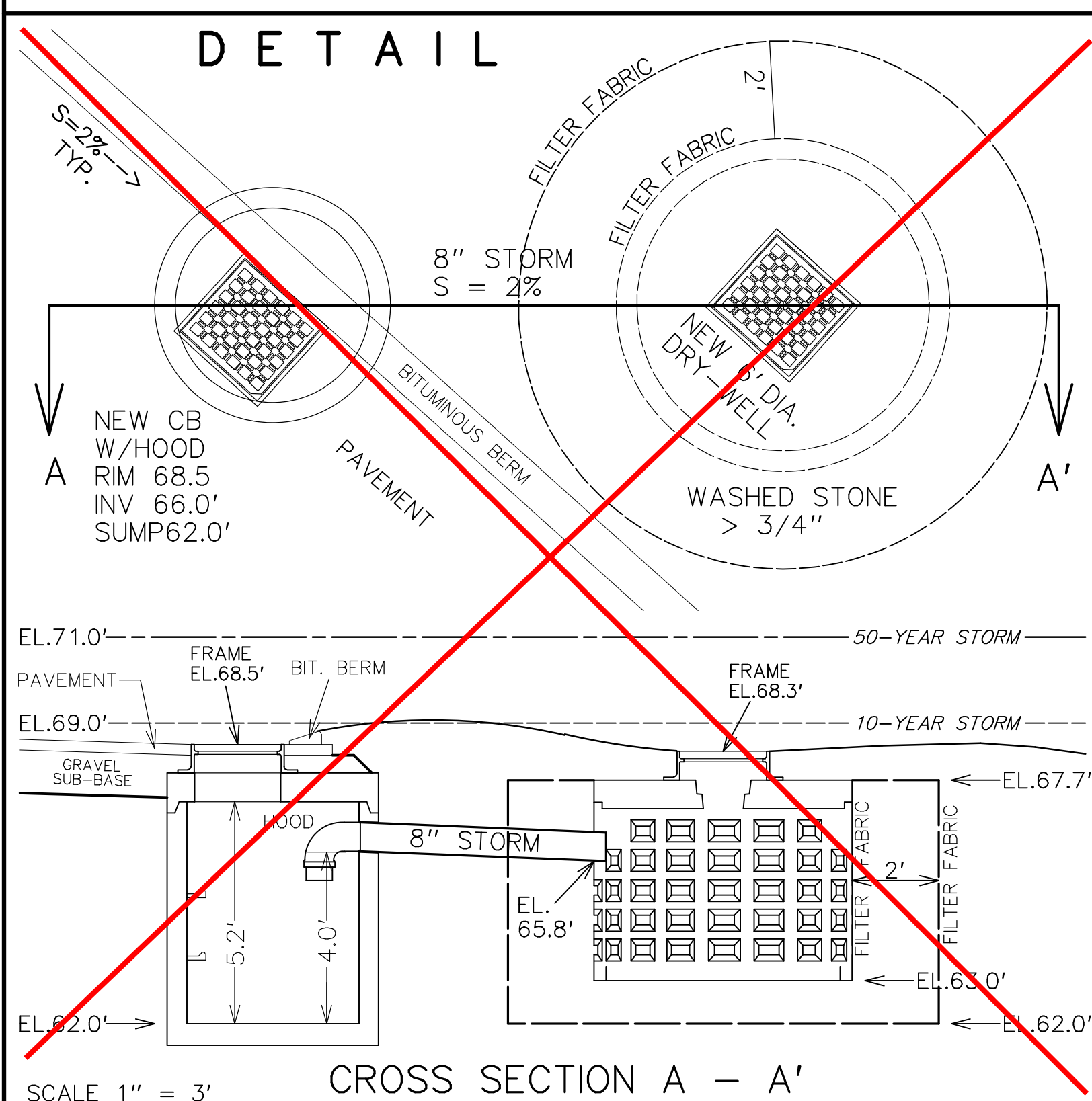
100 YEAR FLOOD ZONE ELEVATION = 73.8'

ASSUMED AS PER MASS. STATE PLANE.

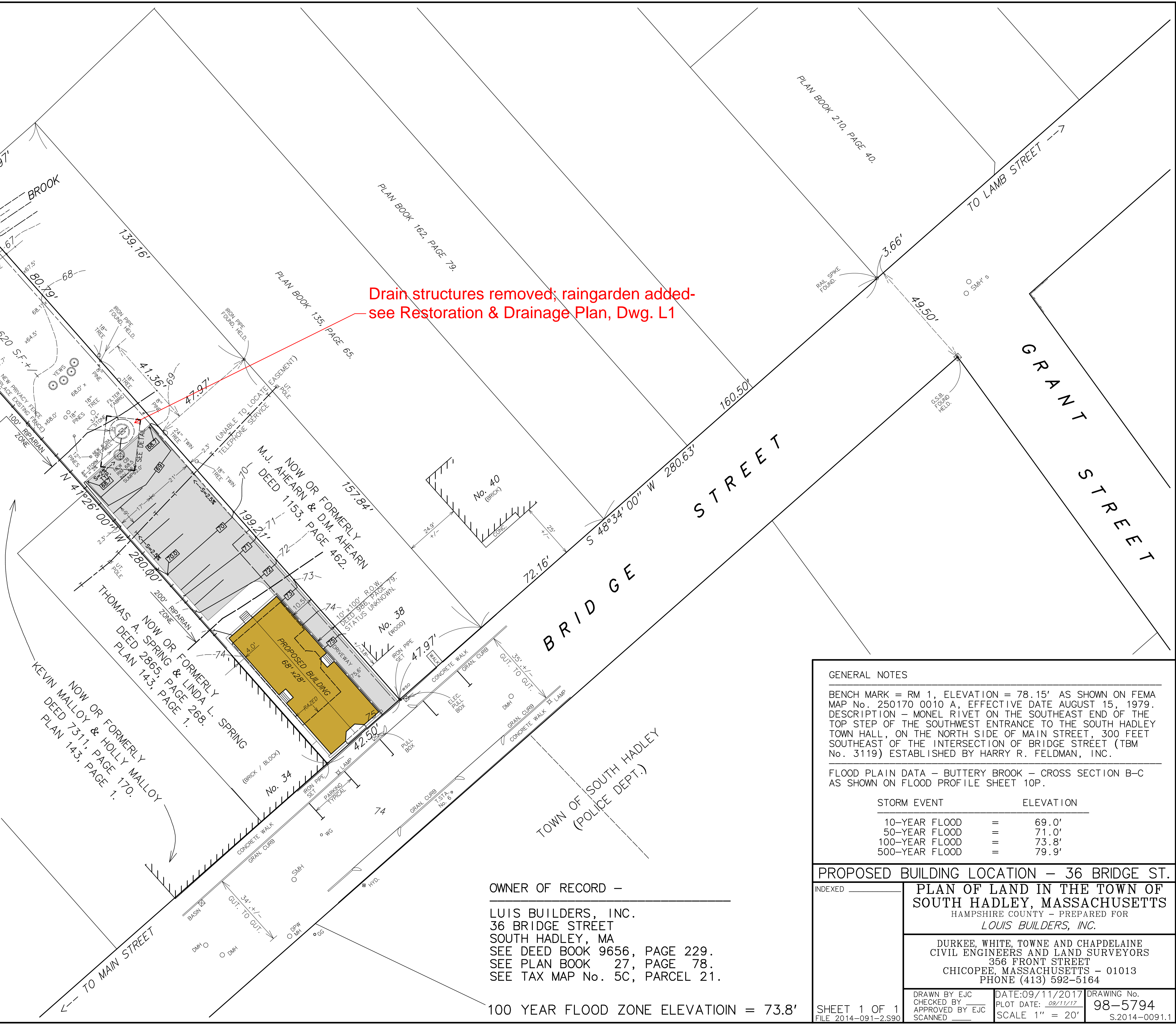


NOW OR FORMERLY LORRAINE R. MANLEY DEED 9046, PAGE 114.

Drain structures removed, raingarden added- see Restoration & Drainage Plan, Dwg. L1



DATE	NOTES / REVISIONS
NOTE	CONTACT DIG-SAFE PRIOR TO ANY EXCAVATIONS 1-888-344-7233
NOTE	SUBJECT TO EASEMENTS, RESTRICTIONS AND R.O.W.'S OF RECORD, IF ANY AND APPLICABLE.
SCALE 1" = 20'	



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50-YEAR FLOOD	= 71.0'
100-YEAR FLOOD	= 73.8'
500-YEAR FLOOD	= 79.9'

PROPOSED BUILDING LOCATION - 36 BRIDGE ST.

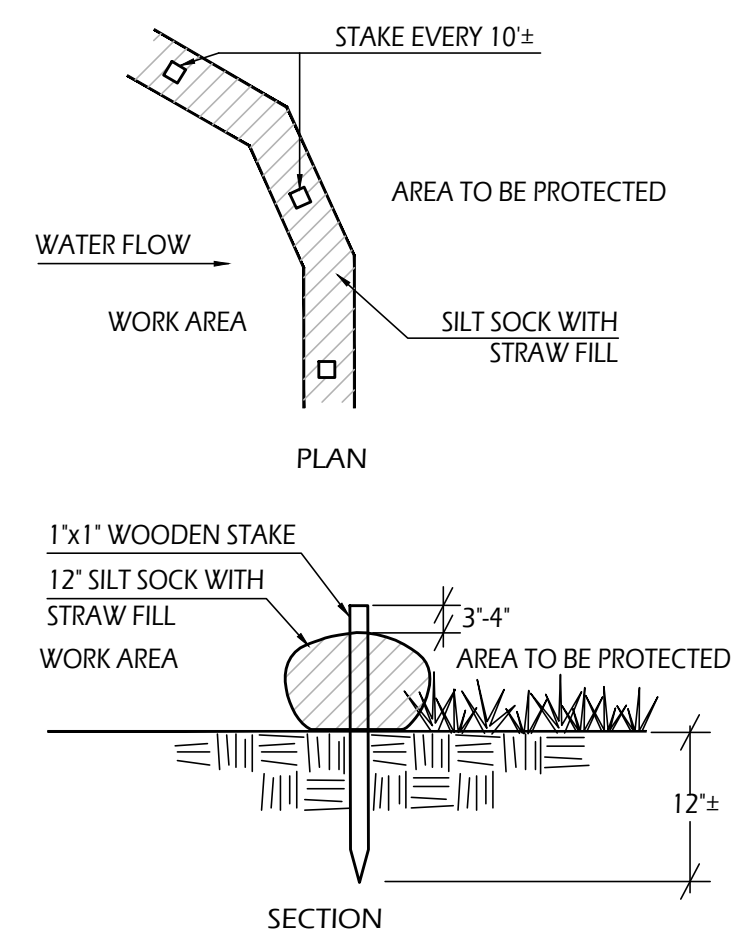
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PLAN OF LAND IN THE TOWN OF SOUTH HADLEY, MASSACHUSETTS
HAMPSHIRE COUNTY - PREPARED FOR
LOUIS BUILDERS, INC.

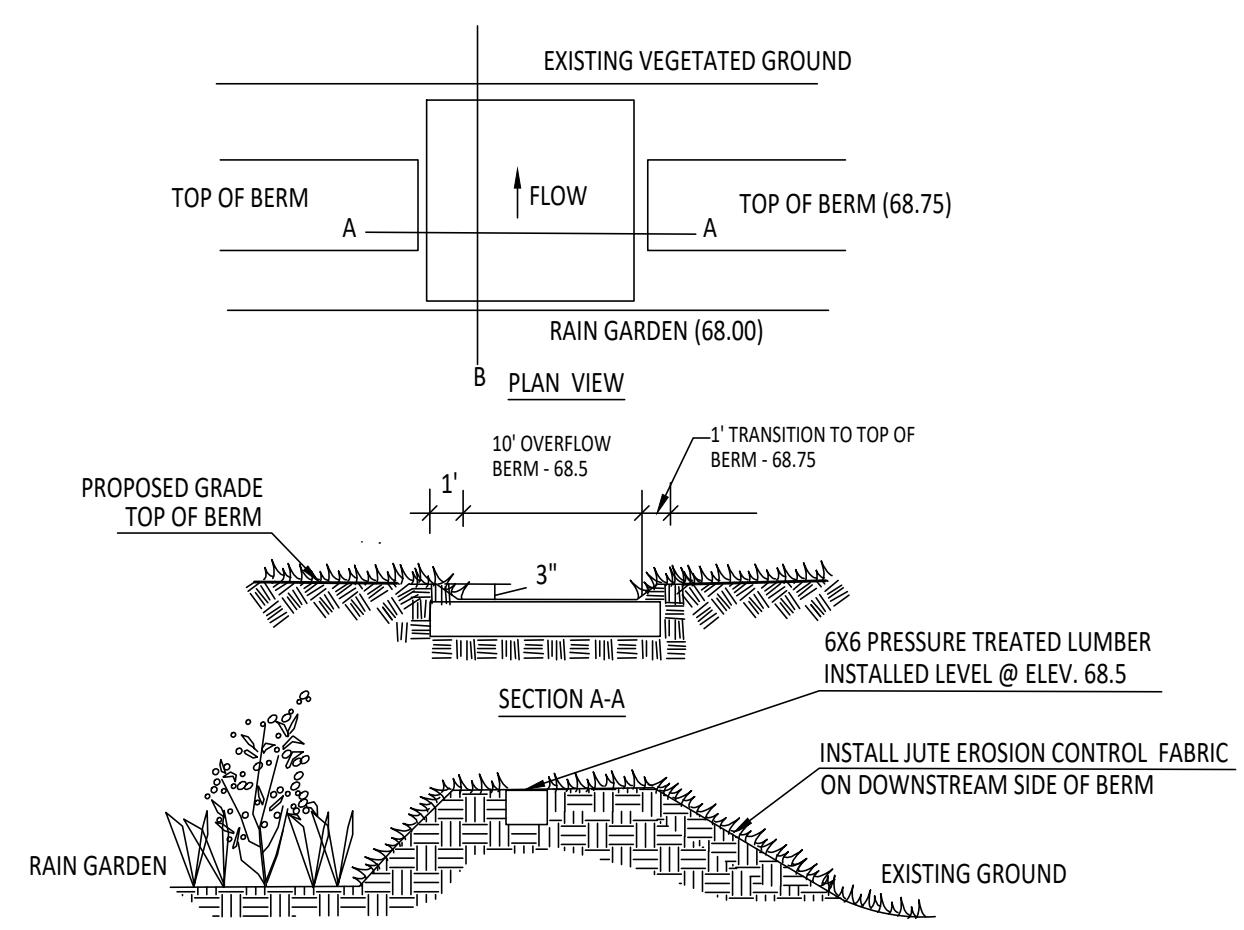
DURKEE, WHITE, TOWNE AND CHAPDELAIN
CIVIL ENGINEERS AND LAND SURVEYORS
356 FRONT STREET
CHICOPEE, MASSACHUSETTS - 01013
PHONE (413) 592-5164

DRAWN BY EJC	DATE: 09/11/2017	DRAWING No.
CHECKED BY	PLOT DATE: 09/11/17	98-5794
APPROVED BY EJC	SCALE 1" = 20'	S.2014-0091.1
SCANNED		

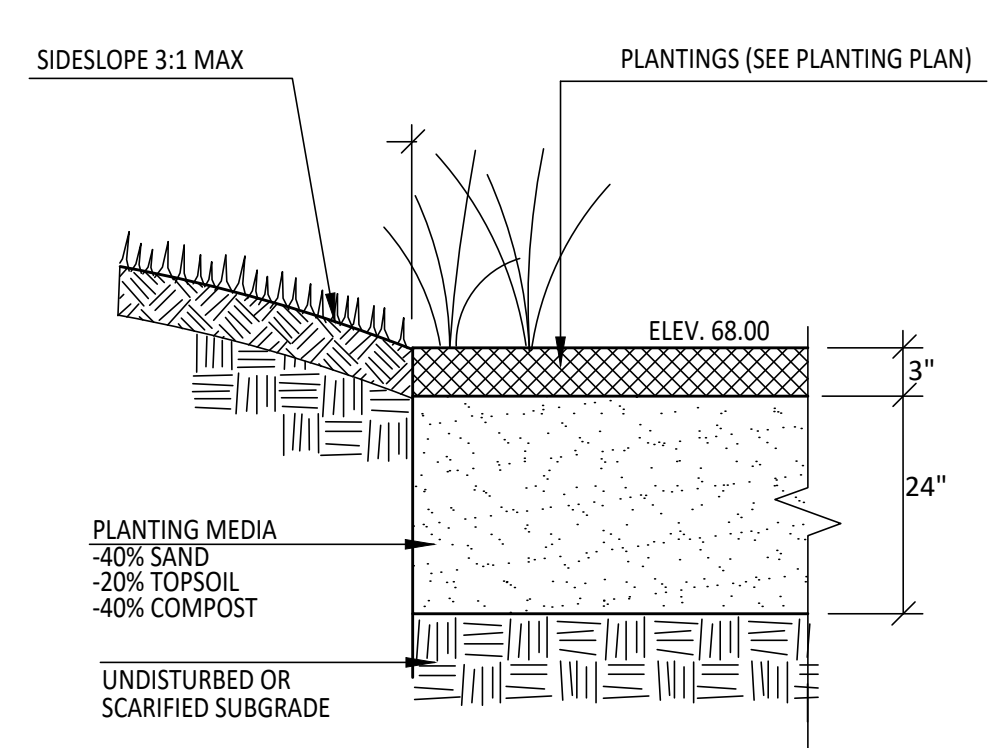
SHEET 1 OF 1
FILE 2014-091-2.S90



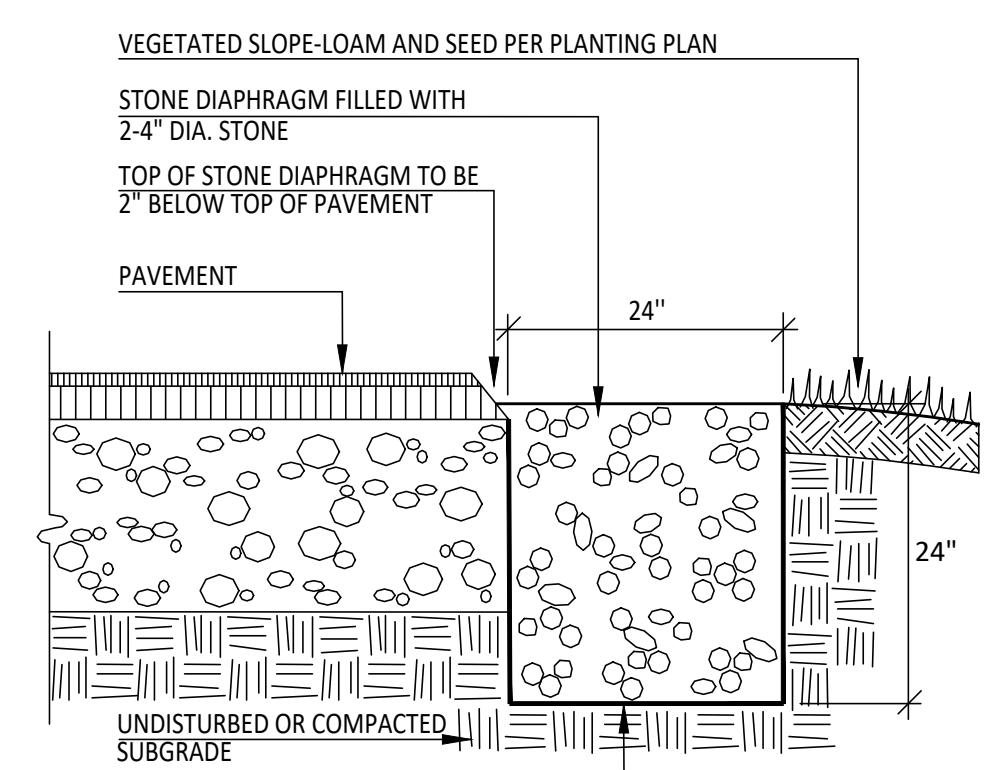
1 Straw Wattle
L1 Not to Scale



2 Level Spreader
L1 Not to Scale



3 Rain Garden Section
L1 Not to Scale



4 Stone Diaphragm
L1 Not to Scale

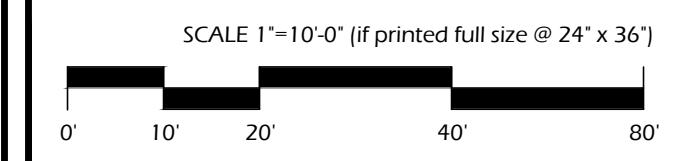
Plant List

KEY	QTY	LATIN	COMMON	SIZE	NOTES
AP	2	<i>Acer pensylvanicum</i>	Striped Maple	5'-6" ht.	
BNH	1	<i>Betula nigra</i> 'Heritage'	Heritage River Birch	7'-8" ht.	multi-stem
CAH	9	<i>Clethra alnifolia</i> 'Hummingbird'	Summersweet	24"-36"	pink
CS	3	<i>Cornus sericea</i>	Red-twig Dogwood	24"-36"	
IV	12	<i>Ilex verticillata</i>	Winterberry Holly	24"-36"	
NS	3	<i>Nyssa sylvatica</i>	Black Gum	1.5"-2" cal.	
SC	6	<i>Sambucus canadensis</i>	Black Elderberry	24"-36"	
VA	5	<i>Viburnum acerifolium</i>	Mapleleaf Viburnum	24"-36"	
VD	7	<i>Viburnum dentatum</i>	Arrowwood Viburnum	24"-36"	

Conservation Seed Mix

NEW ENGLAND CONSERVATION/WILDLIFE SEED MIX	
SPECIES	PERCENT (Raw Seed)
Big Bluestem (<i>Andropogon gerardii</i>)	20
Little Bluestem (<i>Schizachyrium scoparium</i>)	20
Switchgrass (<i>Panicum vergatum</i>)	20
Fox Sedge (<i>Carex vulpinoidea</i>)	10
Silky Wild Rye (<i>Elymus villosus</i>)	8
Common Milkweed (<i>Asclepias syriaca</i>)	5
Deertongue (<i>Panicum clandestinum</i>)	5
Pennsylvania Smartweed (<i>Polygonum pensylvanicum</i>)	5
Partridge Pea (<i>Chamaecrista fasciculata</i>)	4
Silky Smooth Aster (<i>Aster laevis</i>)	1.5
Nodding Bur Marigold (<i>Bidens cernua</i>)	1
Flat-top Aster (<i>Aster umbellatus</i>)	0.5
TOTAL	100

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Do not scale drawing for quantity take-offs or construction. Use written dimensions only. If dimensions are incomplete, contact The Berkshire Design Group Inc. for clarification.
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NATIVE PLANTINGS - 1600 SF TOTAL; LOCATE NEW PLANTINGS SO THAT EXISTING MATURE TREES ARE MAINTAINED

TEMPORARY STRAW WATTLE EROSION CONTROL BARRIER

NEW PAVING IN RIVERFRONT - 3,212 SF
1,212 SF GREATER THAN EXISTING CONDITIONS

REMOVE GROUP OF BLACK LOCUS TREES THIS AREA

NEW/PROPOSED FLOODPLAIN

PRUNE NORWAY MAPLE BRANCHES THIS AREA AS NEEDED FOR FENCE INSTALLATION

FLOODPLAIN (EXISTING)

SEED AREA WITH CONSERVATION SEED MIX ±3800 SF

100' RIPARIAN ZONE

200' RIPARIAN ZONE

GRAVEL DIAPHRAGM

SOD FILTER STRIP

RAIN GARDEN
INVERT= 68.0
BERM= 68.75
10' OVERFLOW= 68.50

SEED RAIN GARDEN WITH CONSERVATION SEED MIX ±650 SF

SITE DATA

EXISTING SITE AREA:	12,622 SF
EXISTING RIVERFRONT AREA:	9,385 SF
IMPERVIOUS/DEGRADED AREA IN RIVERFRONT	
EXISTING TO BE REMOVED:	2,302 SF
PROPOSED TO BE ADDED:	2,928 SF
NET ADDED IMPERVIOUS:	626 SF
PROPOSED RESTORATION	3,800 SF
(INCLUDES NATIVE PLANTING, CLEANUP, CONSERVATION MIX SEEDING; DOES NOT INCLUDE RAIN GARDEN AREA)	

100-YEAR FLOOD STORAGE CALCULATION BETWEEN ELEVATION 73.0 TO 73.8

Existing Storage Volume	190 sf
Area of 100-yr Flood Plain	0.8 ft
Depth at elevation interval	0.8 ft
Volume of Flood Storage	152.0 cf
Proposed Storage Volume	194 sf
Area of 100-yr Flood Plain	0.8 ft
Depth at elevation interval	0.8 ft
Volume of Flood Storage	155.2 cf

Restoration and Drainage Plan

Revisions

Date: July 24, 2019
Scale: 1"=10'
Drawn By: Staff
Checked By: MYL

Sheet Number: **L1**