

# BULK STORAGE SITE PLAN

For

## ASPHALT ENGINEERING, LLC

At

### 190 Farm Street

In

### Bellingham, MA 02019

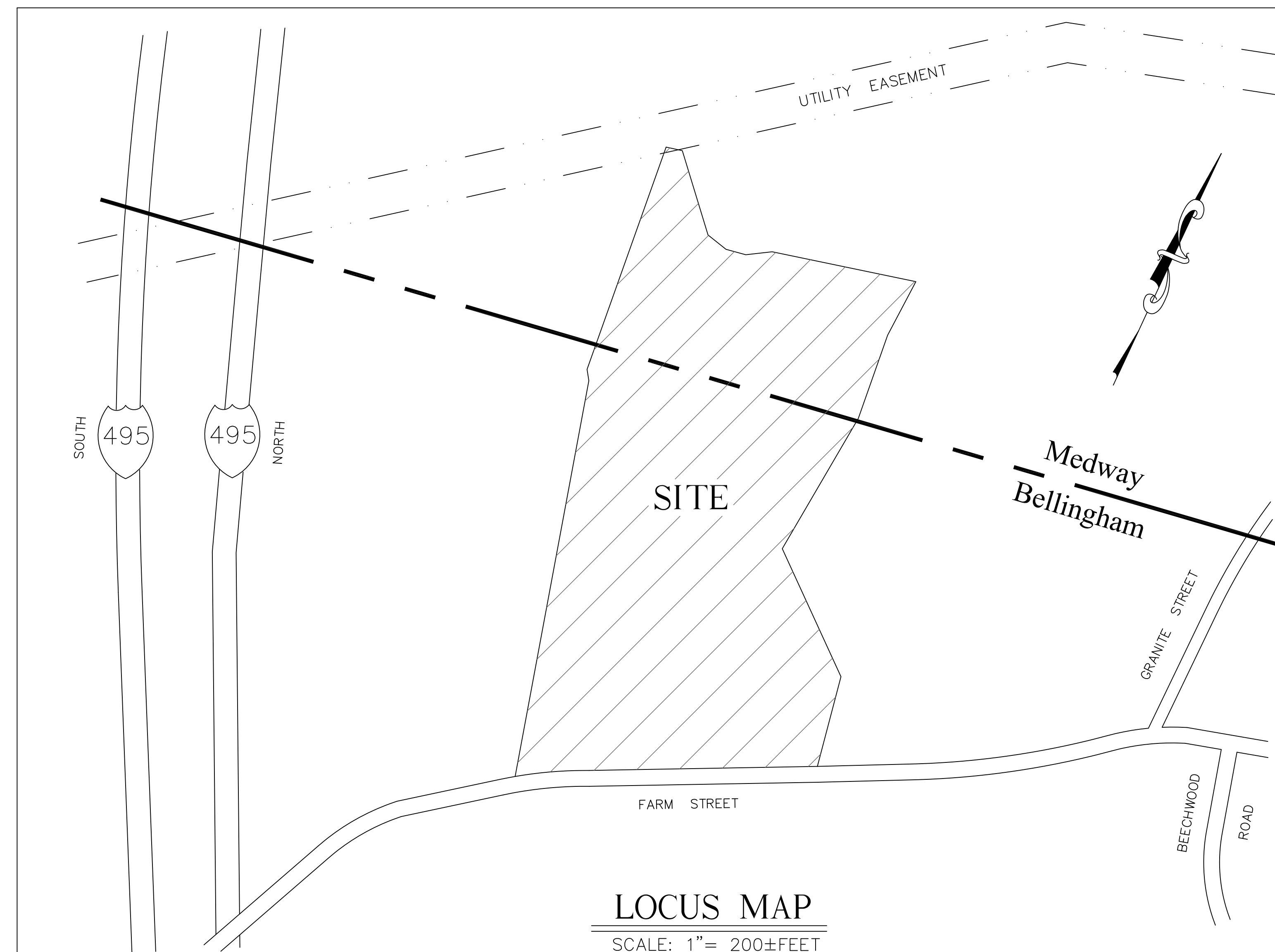
**APPROVED**  
By James Kupfer at 12:40 pm, Aug 23, 2017

DATE: JANUARY 18, 2017

Revised: April 5, 2017  
May 2, 2017  
May 19, 2017  
May 23, 2017  
May 25, 2017

#### THIS SITE PLAN CONTAINS:

TITLE	SHEET
Cover Sheet	1
Existing Condition Plan	2
Grading, Drainage & Erosion Control Plan	3
Grading, Drainage & Erosion Control Plan	4
Grading, Drainage & Erosion Control Plan 1"= 20 FEET	5
Construction Detail Plan	6
Construction Detail Plan	7



#### OWNER & APPLICANT

Farm Street Property  
Management, LLC  
190 Farm Street  
Bellingham, MA 02019

#### ENGINEER

Allen Engineering, LLC  
2 Willowbrook Lane  
Mendon, MA 01756

#### SURVEYOR

Heritage Design Group, LLC  
One Main Stret  
Whitinsville, MA 01588

#### WETLAND SCIENTIST

Sage Environmental, Inc.  
172 Armistice Blvd.  
Pawtucket, RI 02860



Total Area  
923,022 s.f.  
(21.18±Acres)  
6.00± ACRES - MEDWAY  
15.18± ACRES - BELLINGHAM

MATCH LINE

Sheets 4  
Sheets 3

2- VERNAL POOLS

BORDERING  
VEGETATED  
WETLANDS

CURRENT  
STOCKPILE  
AREA



LEGEND	
	EXISTING CONTOUR
	PROPOSED CONTOUR
	SPOT ELEVATION
	DRAINAGE MANHOLE
	DRAIN LINE
	CATCH BASIN
	UTILITY POLE
	OVERHEAD WIRES
	WATER LINE
	WATER GATE
	HYDRANT
	PROP. SURFACE WATER FLOW
	EROSION CONTROL
	CHAIN LINK FENCE
	STONE WALL
	WETLAND BORDER
	WETLAND FLAG
	EXISTING TREE LINE
	EDGE OF PAVEMENT
	FOUND
	NOW OR FORMERLY

(FOR REGISTRY USE ONLY)

BELLINGHAM PLANNING BOARD

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OWNER & APPLICANT:

Farm Street Property  
Management, LLC  
190 Farm Street  
Bellingham, MA 02019

TITLE: EXISTING CONDITION PLAN  
For  
"Asphalt Engineering, LLC"  
At  
190 Farm Street  
In  
Bellingham, Massachusetts



ENGINEER: **Allen Engineering, LLC**  
Civil Engineers and  
Land Development Consultants  
2 Willowbrook Lane - Mendon, MA 01756  
(508) 381-3212 Phone (508) 381-3213 Fax  
allenengineeringllc.com

SCALE: 1"=80 FEET  
0 80 160 240

DATE: JANUARY 18, 2017

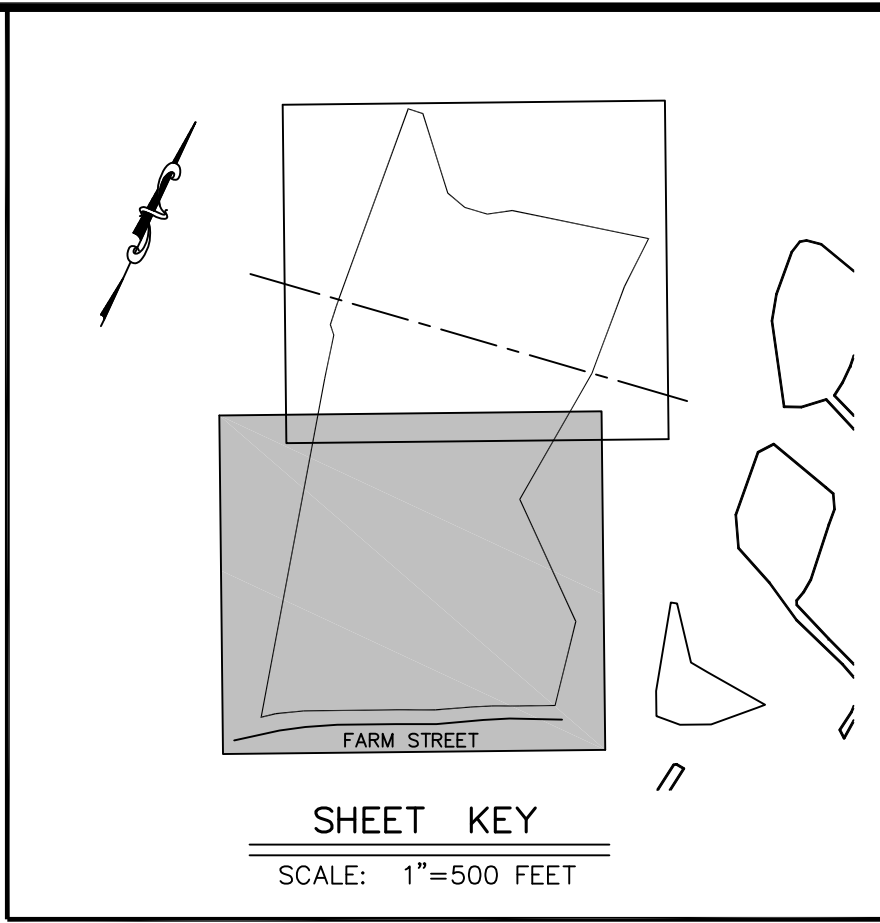
REVISIONS			
#	DATE	DESCRIPTION	INIT.
1	4/5/17	PER TOWN AND PEER REVIEW	MEA
2	5/2/17	PEER AND TOWN AGENCY REVIEWS	MEA
3	5/19/17	PEER AND TOWN AGENCY REVIEWS	MEA
4	5/23/17	PEER AND TOWN AGENCY REVIEWS	MEA
5	5/25/17	PER CON COM MEETING 5/24/17	MEA

JOB NO: 0391 SHEET: 2 OF 7



RESOURCE AREA IMPACT TABLE								
	BORDERING VEGETATED WETLAND	WETLAND RESOURCE			50-100 FT FROM VERNAL POOL ON SITE	RIVERFRONT AREA 285,401 S.F. ON SITE	FLOOD ZONE	
		0-25 FT	25-50 FT	50-100 FT				
BELLINGHAM MEDWAY	0 S.F.	780 S.F.	3,025 S.F.	15,750 S.F.	47,574 S.F.	11,933 S.F.	0 S.F.	
TOTAL	0 S.F.	780 S.F.	3,025 S.F.	15,750 S.F.	47,574 S.F.	11,933 S.F.	0 S.F.	
		FILL FOR DRIVEWAY & BASINS				11,933 S.F. 4.2% NEW & NON DRAINAGE		

- NOTES
- BELLINGHAM ASSESSORS MAP 7, PARCEL 4  
MEDWAY ASSESSORS MAP 74, PARCEL 1
  - DEED REFERENCE: NORFOLK COUNTY REGISTRY: BOOK 34149 PAGE 548
  - ELEVATIONS REFER TO NAD 88 DATUM. SITE IS ALSO ON NAD 83 GRID COORDINATE SYSTEM.
  - THIS PLAN IS THE RESULT OF AN ON-THE-GROUND SURVEY PERFORMED BY HERITAGE DESIGN GROUP DURING JUNE 2016 AND APRIL 2017.
  - SITE CONTAINS APPROXIMATELY 21.18 ACRES OF LAND.
  - THIS SUBJECT PARCEL RESIDES IN A DISTRICT ZONED "INDUSTRIAL" - IN BELLINGHAM  
THIS SUBJECT PARCEL RESIDES IN A DISTRICT ZONED "INDUSTRIAL III" - IN MEDWAY
  - A PORTION OF THE SITE FALLS WITHIN A FLOOD ZONE "A" ACCORDING TO FLOOD INSURANCE RATE MAP PANEL NUMBER 25021C0138E.
  - ALLEN ENGINEERING, LLC IS NOT RESPONSIBLE FOR ANY EXISTING ON OR OFF SITE CONDITIONS THAT MAY EXIST OR THAT MAY RESULT FROM THE FUTURE DEVELOPMENT OF THIS PARCEL.
  - THE EDGE OF BORDERING VEGETATED WETLANDS WERE FLAGGED BY JUDITH SCHMITZ, PWS IN NOVEMBER 2010 & RE-ESTABLISHED BY SAGE ENVIRONMENTAL IN JUNE 2016. ESTIMATED SEASONAL HIGH WATER LINE (RIVERFRONT) FLAGGED BY SAGE ENVIRONMENTAL ON MARCH 28, 2017.



(FOR REGISTRY USE ONLY)

BELLINGHAM PLANNING BOARD

**APPROVED**  
By James Kupfer at 12:41 pm, Aug 23, 2017

APPROVAL DATE: \_\_\_\_\_

LEGEND	
— 256 —	EXISTING CONTOUR
— 256 —	PROPOSED CONTOUR
x 177.5	SPOT ELEVATION
⊙	DRAINAGE MANHOLE
— D —	DRAIN LINE
□	CATCH BASIN
⊙	UTILITY POLE
— OHW —	OVERHEAD WIRES
— W —	WATER LINE
⊙	WATER GATE
⊙	HYDRANT
—	PROP. SURFACE WATER FLOW
—	EROSION CONTROL
x — x	CHAIN LINK FENCE
⊙	STONE WALL
—	WETLAND BORDER
wf187	WETLAND FLAG
—	EXISTING TREE LINE
EOP	EDGE OF PAVEMENT
FND.	FOUND
N/F	NOW OR FORMERLY

OWNER & APPLICANT:

Farm Street Property  
Management, LLC  
190 Farm Street  
Bellingham, MA 02019

TITLE:

GRADING, DRAINAGE  
& EROSION CONTROL PLAN

For  
"Asphalt Engineering, LLC"

At  
190 Farm Street  
In  
Bellingham, Massachusetts


PROFESSIONAL ENGINEER

MARK E. ALLEN  
NO. 44799  
5/25/17

ENGINEER:

Allen Engineering, LLC  
Civil Engineers and  
Land Development Consultants  
2 Willowbrook Lane - Mendon, MA 01756  
(508) 381-3212 Phone (508) 381-3213 Fax  
allenengineeringllc.com

SCALE: 1"=40 FEET



DATE: JANUARY 18, 2017

REVISIONS

#	DATE	DESCRIPTION	INIT
1	4/5/17	PER TOWN AND PEER REVIEW	MEA
2	5/2/17	PEER AND TOWN AGENCY REVIEWS	MEA
3	5/19/17	PEER AND TOWN AGENCY REVIEWS	MEA
4	5/23/17	PEER AND TOWN AGENCY REVIEWS	MEA
5	5/25/17	PER CON COM MEET NG 5/24/17	MEA

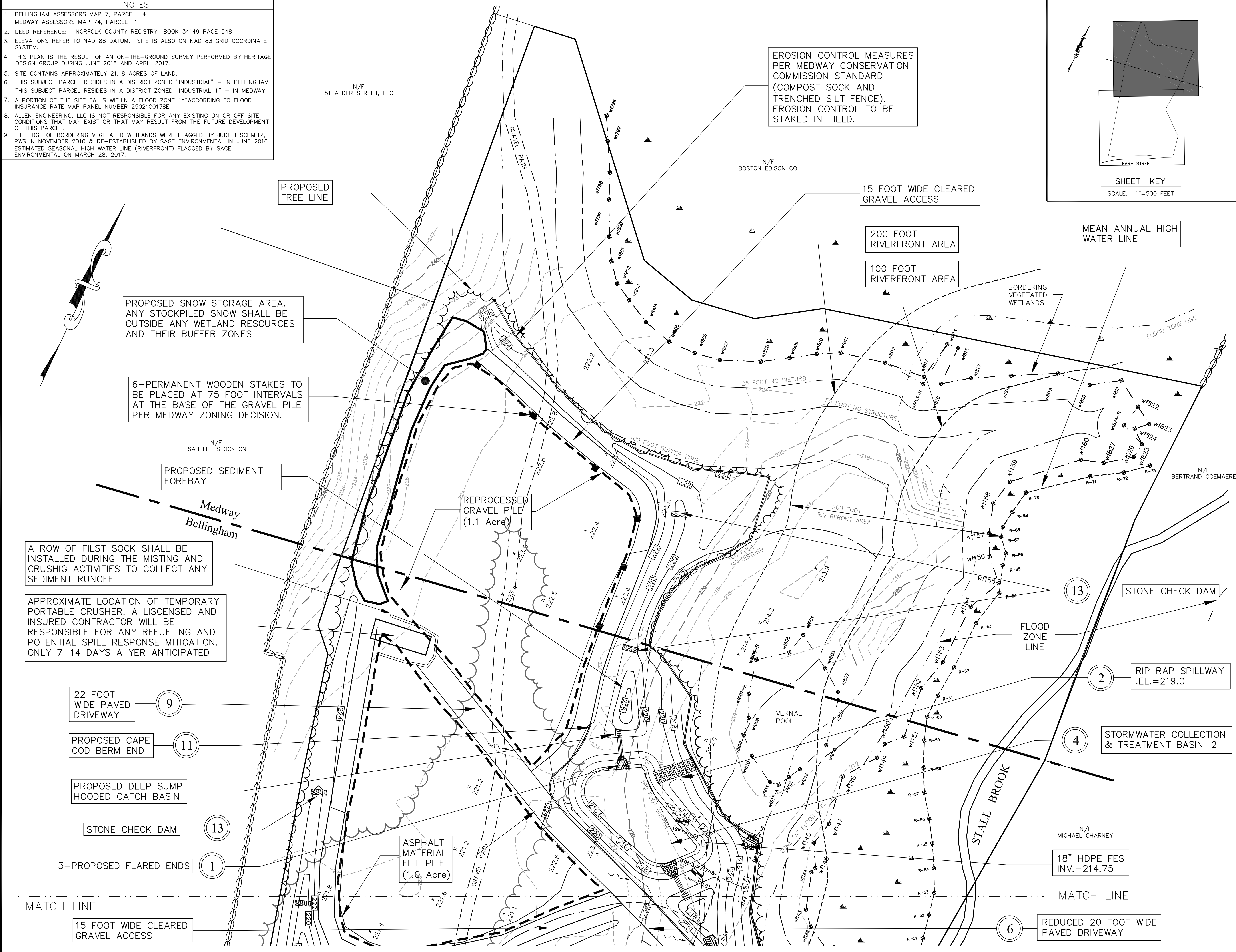
JOB NO: 0391

SHEET: 3 OF 7

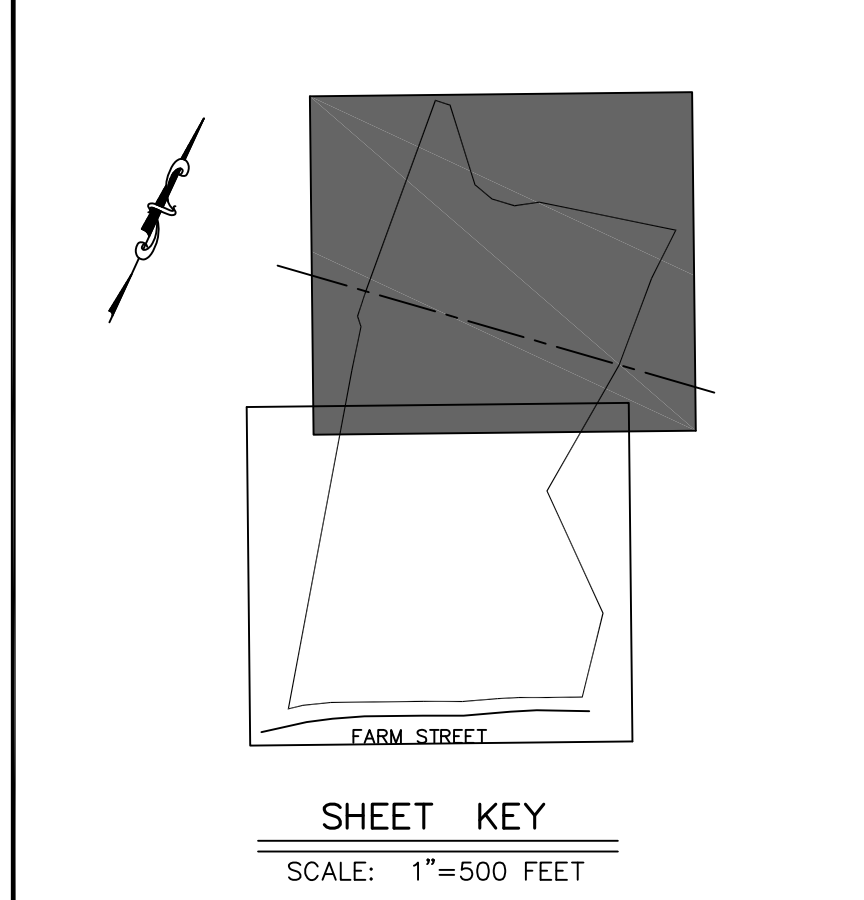


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EROSION CONTROL MEASURES  
PER MEDWAY CONSERVATION  
COMMISSION STANDARD  
(COMPOST SOCK AND  
TRENCHED SILT FENCE).  
EROSION CONTROL TO BE  
STAKED IN FIELD.



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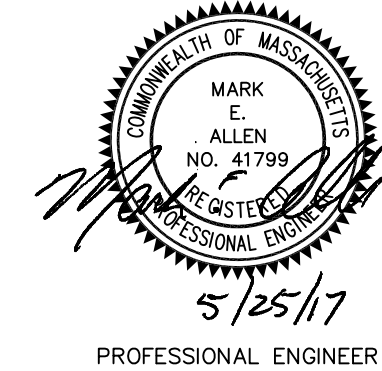
APPROVAL DATE: \_\_\_\_\_

LEGEND

— 256 —	EXISTING CONTOUR	— — —	PROP. SURFACE WATER FLOW
— 256 —	PROPOSED CONTOUR	— — —	EROSION CONTROL
x 177.5	SPOT ELEVATION	-x-x-	CHAIN LINK FENCE
⊕	DRAINAGE MANHOLE	⊕⊕⊕⊕	STONE WALL
— D —	DRAIN LINE	— — —	WETLAND BORDER
□	CATCH BASIN	⊕	WETLAND FLAG
— — —	UTILITY POLE	— — —	EXISTING TREE LINE
— OHW —	OVERHEAD WIRES	— — —	EOP
— W —	WATER LINE	— — —	END
⊕	WATER GATE	— — —	FOUND
⊕	HYDRANT	— — —	N/F
			NOW OR FORMERLY

OWNER & APPLICANT:  
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190 Farm Street  
Bellingham, MA 02019

TITLE:  
**GRADING, DRAINAGE & EROSION CONTROL PLAN**  
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At  
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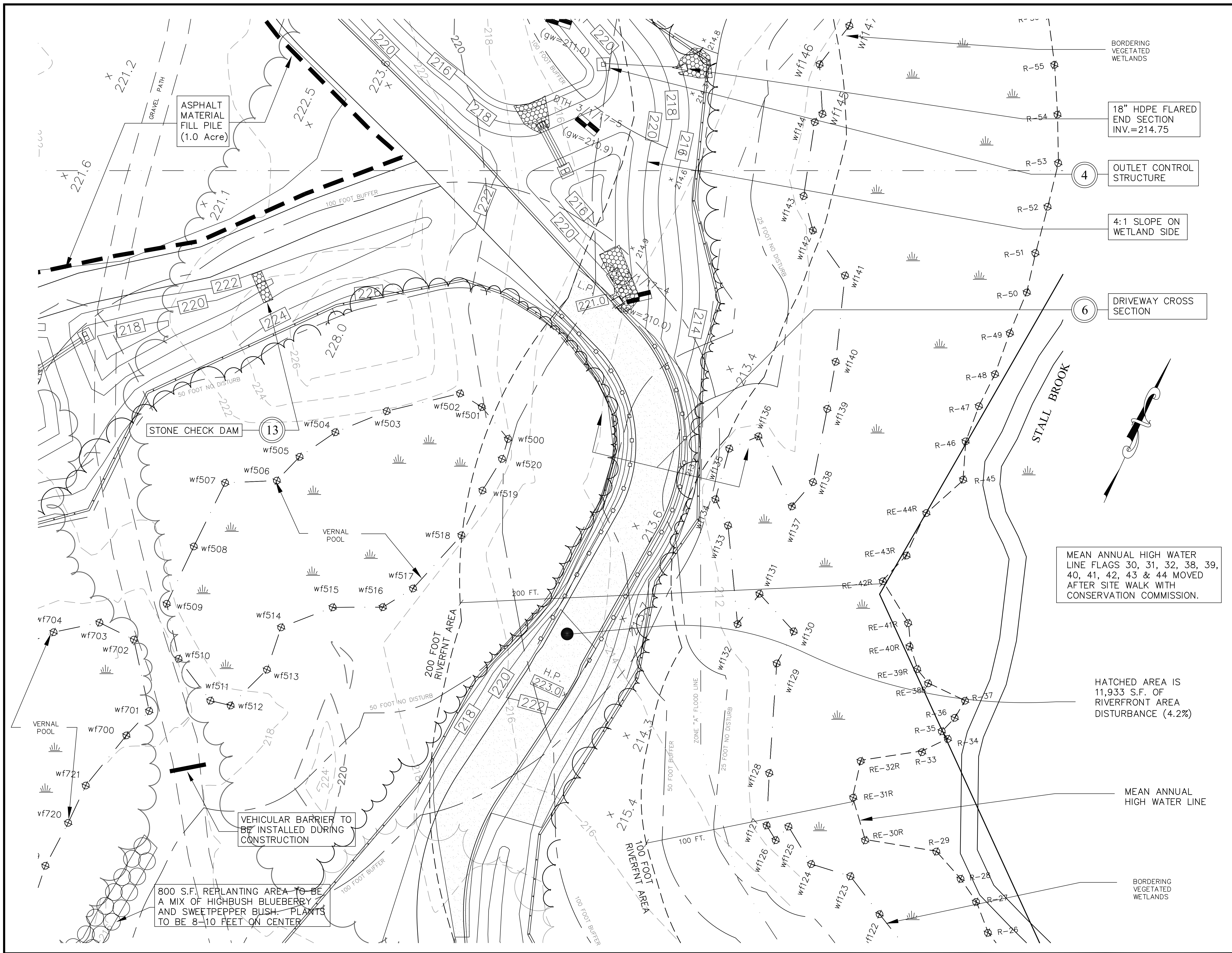
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JOB NO: 0391 SHEET: **4** OF 7





BORDERING  
VEGETATED  
WETLANDS

18" HDPE FLARED  
END SECTION  
INV.=214.75

OUTLET CONTROL  
STRUCTURE

4:1 SLOPE ON  
WETLAND SIDE

DRIVEWAY CROSS  
SECTION

MEAN ANNUAL HIGH WATER  
LINE FLAGS 30, 31, 32, 38, 39,  
40, 41, 42, 43 & 44 MOVED  
AFTER SITE WALK WITH  
CONSERVATION COMMISSION.

HATCHED AREA IS  
11,933 S.F. OF  
RIVERFRONT AREA  
DISTURBANCE (4.2%)

MEAN ANNUAL  
HIGH WATER LINE

BORDERING  
VEGETATED  
WETLANDS

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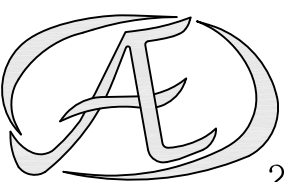
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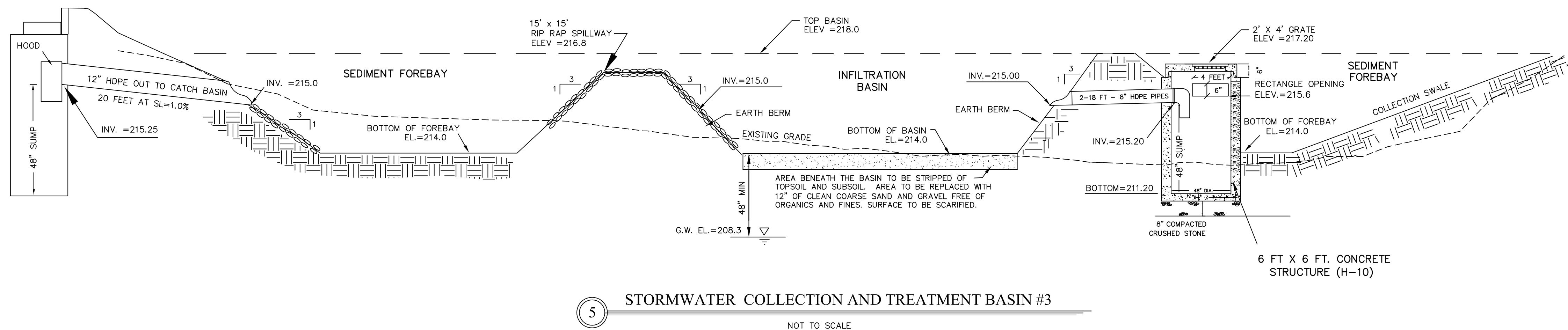
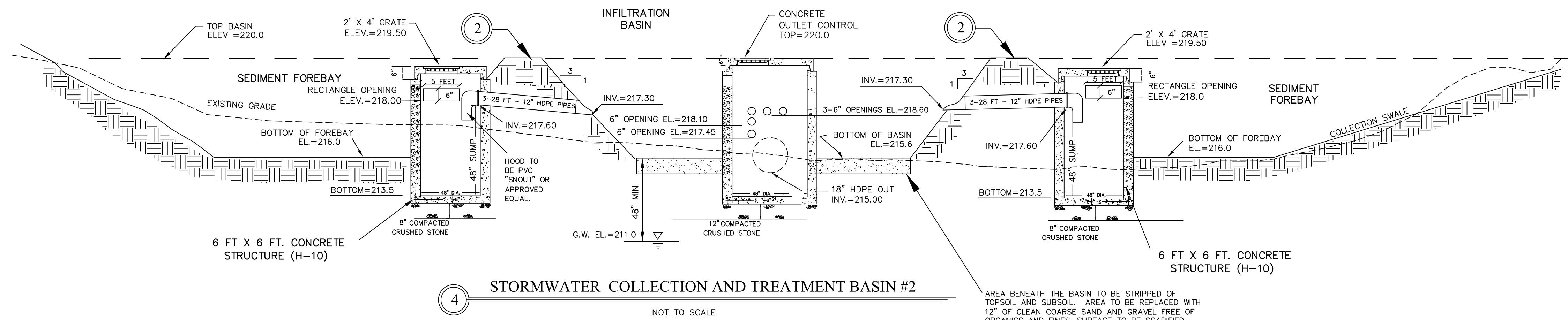
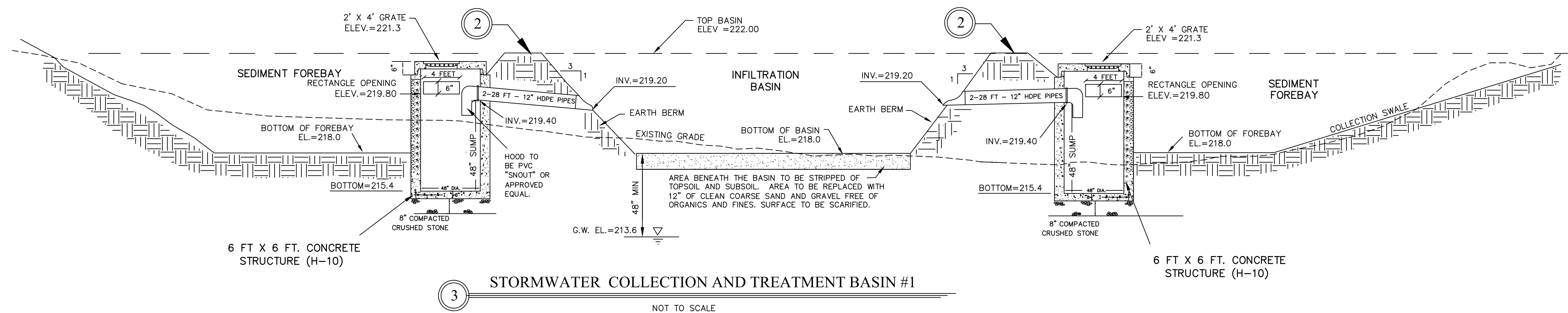
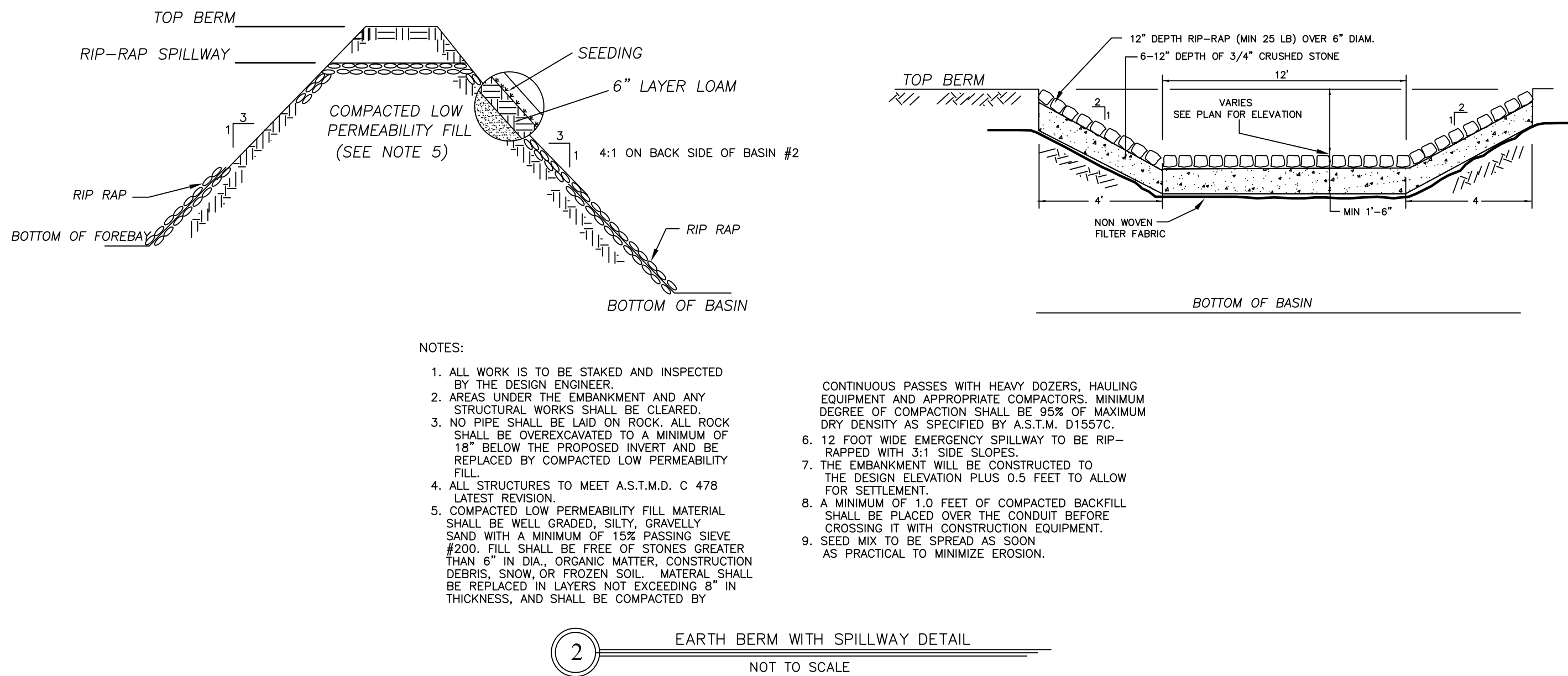
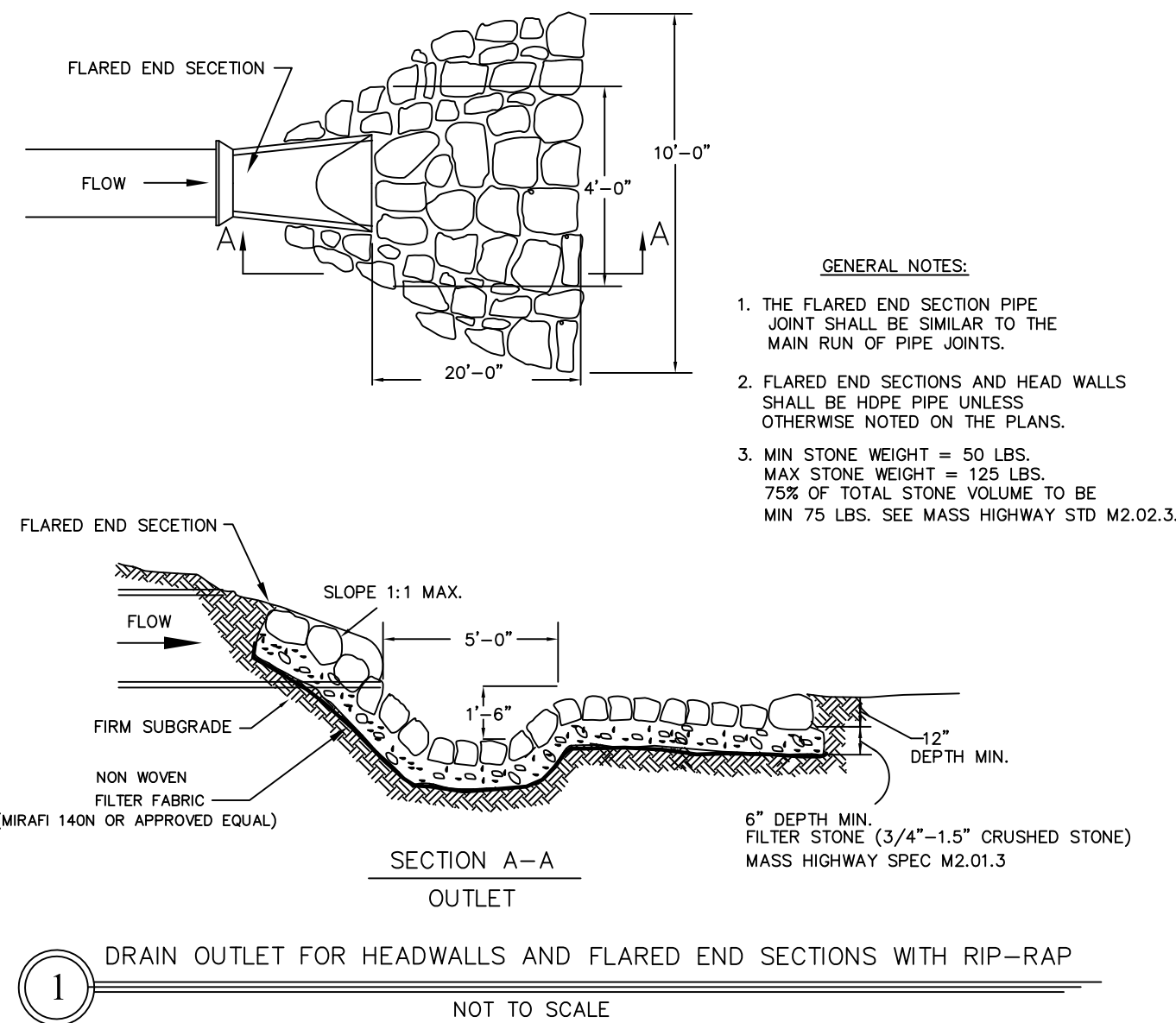
JOB NO:

0391

SHEET:

5 OF 7





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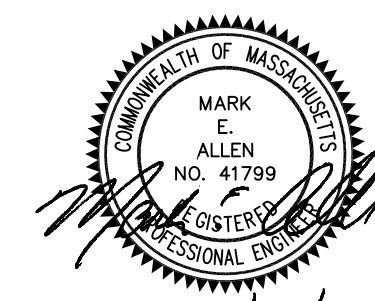
OWNER & APPLICANT:

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Management, LLC  
190 Farm Street  
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TITLE:

CONSTRUCTION DETAIL PLAN

For  
"Asphalt Engineering, LLC"  
At  
190 Farm Street  
In  
Bellingham, Massachusetts



5/25/17

PROFESSIONAL ENGINEER

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SCALE:

AS NOTED

DATE:

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SHEET:

6 OF 7



