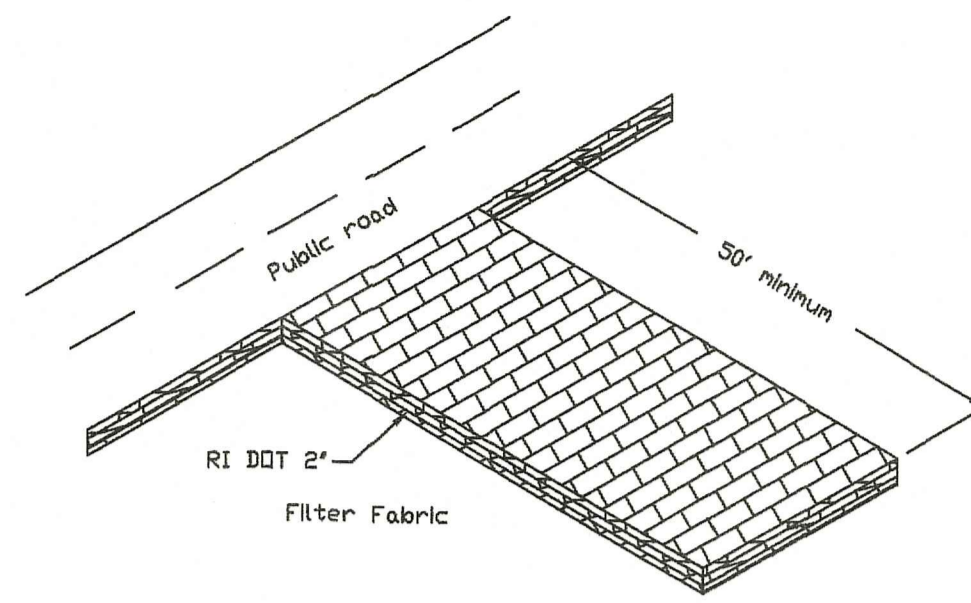


SEQUENCE OF OPERATION

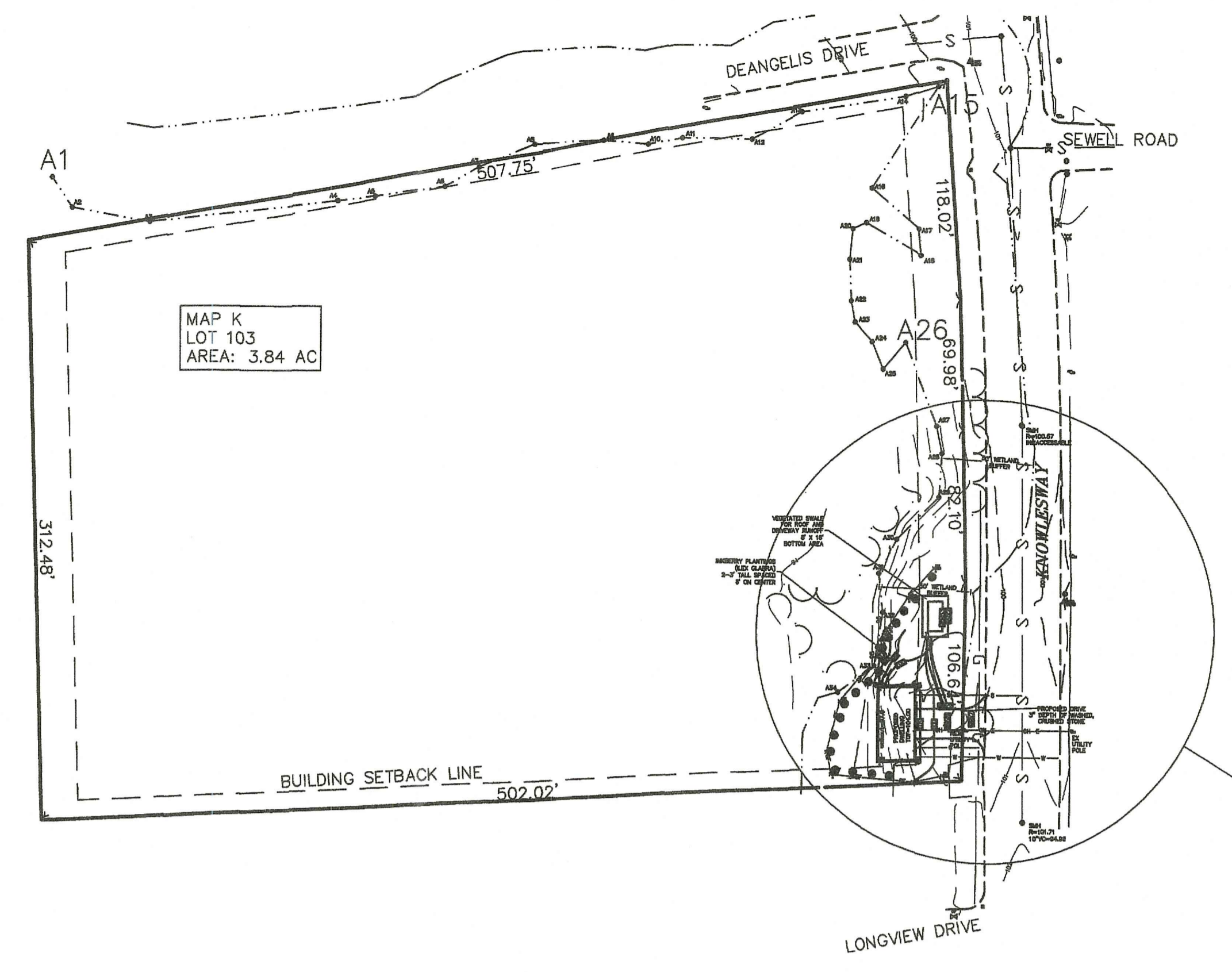
- QUANTITIES AS PER NARRATIVE DESCRIPTION
- SEQUENCE: a) GRAVEL CONSTRUCTION ACCESS ROAD SHALL BE CONSTRUCTED PRIOR TO ALL OTHER EQUIPMENT ENTERING THE SITE. THE ROAD SHALL BE MAINTAINED THROUGHOUT ALL CONSTRUCTION. CARE SHALL BE TAKEN TO MINIMIZE DIRT AND MUD FROM ENTERING THE PAVED PUBLIC WAY. b) SILTATION CONTROL SHALL REMAIN IN PLACE UNTIL ALL SITE CONSTRUCTION IS COMPLETED AND THE AREA HAS BEEN SEEDED AND STABILIZED. c) SITE EXCAVATION SHALL COMMENCE WITH THE BUILDING FOUNDATION. EXCAVATED MATERIAL SHALL BE HAULED OFF SITE OR REUSED ON-SITE AS PER OWNER. STOCKPILED MATERIAL SHALL BE USED TO THE EXTENT POSSIBLE AS FINAL COVER. ALL LOAM EXCAVATED ON-SITE SHALL BE STORED AND SAVED FOR FINAL COVER. NO MATERIAL SHALL BE REMOVED FROM THE SITE WITHOUT THE PERMISSION OF THE OWNER. d) UPON COMPLETION OF ALL SITE WORK, THE AREA IS TO BE PROMPTLY LOADED AND SEEDED. SILTATION CONTROL SHALL REMAIN IN PLACE UNTIL VEGETATION IS IN PLACE. ANY MATERIAL STOCKPILED DURING CONSTRUCTION SHALL BE COVERED WITH MULCH IF NOT TO BE USED WITHIN THREE DAYS.



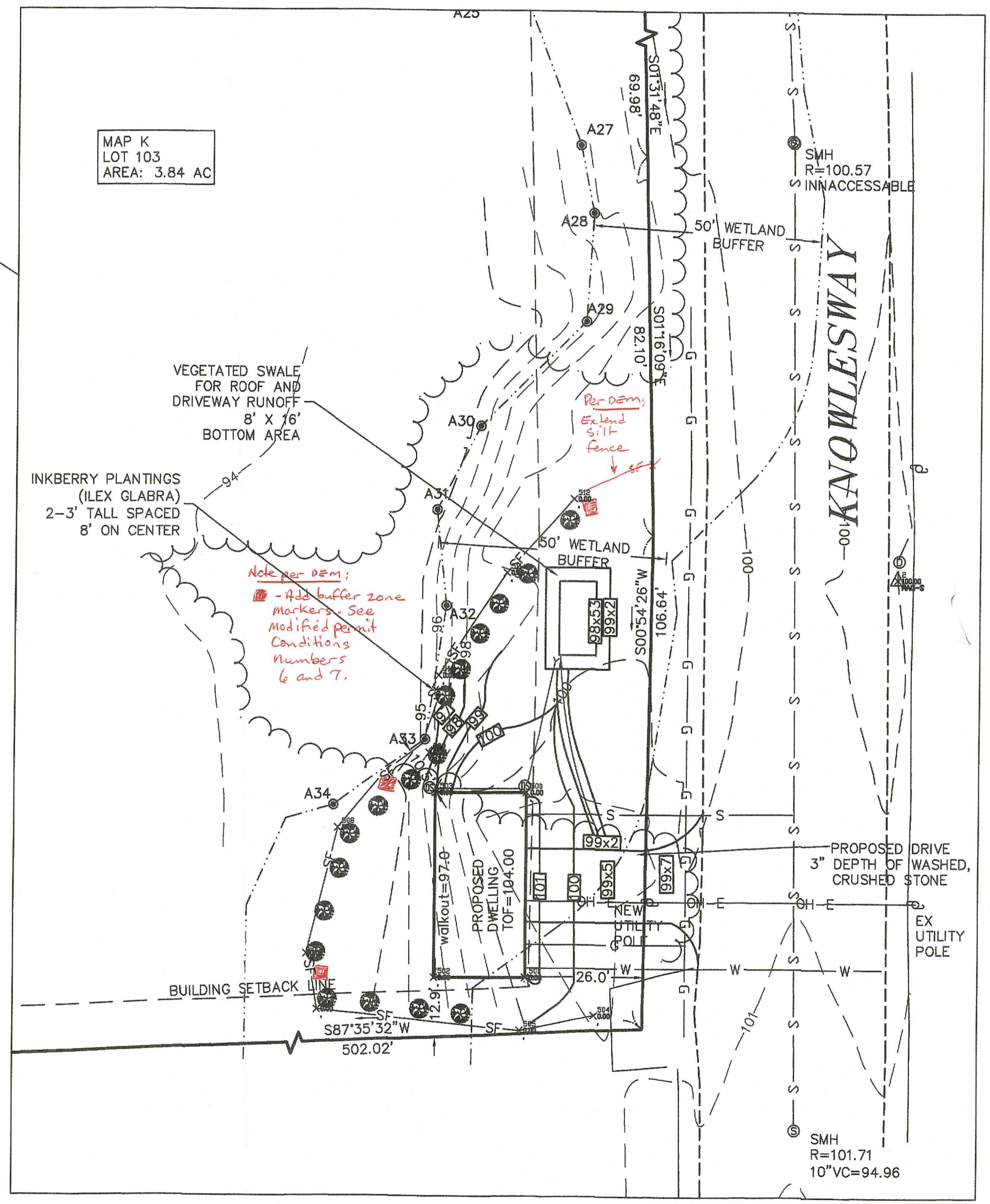
CONSTRUCTION ROAD DETAIL
 NOT TO SCALE

ZONING SETBACKS
 RESIDENTIAL ZONE "R-10"

MIN. LOT SIZE	10,000 SF
MIN. LOT WIDTH	100 FT
MIN. FRONT	25 FT
MIN. REAR	20 FT
MIN. SIDE	10 FT
MAX. BLDG COVERAGE	25%
MAX. BLDG HEIGHT	35 FT
ACCES. BLDG HEIGHT	18 FT



OVERALL SITE PLAN
 SCALE: 1" = 60'



PARTIAL SITE PLAN
 SCALE: 1" = 20'

GENERAL NOTES

- ALL CHANGES TO THIS PLAN MUST BE APPROVED BY THE RI DEM, TOWN OF NARRAGANSETT, AND/OR MOUNT HOPE ENGINEERING.
- ALL WORK AND MATERIALS SHALL CONFORM TO THE REQUIREMENTS OF THE STATE ENVIRONMENTAL CODE AND ANY APPLICABLE LOCAL RULES AND REGULATIONS.
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- PROPERTY LINE INFORMATION TAKEN FROM A CLASS 2 SURVEY. TOPO TAKEN FROM AVAILABLE RECORDS AND FIELD VERIFIED. PROPOSED HOUSE LOCATION TO BE APPROVED BY LOCAL AUTHORITIES AS NECESSARY PRIOR TO CONSTRUCTION.
- WETLANDS FLAGGING BY NATURAL RESOURCE SERVICES, INC. AUGUST 2021. SEE REPORT AND DATA FORMS.

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL

DATED: APR 18 2022 FILE # 21-0334
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Martin D. Wenczek

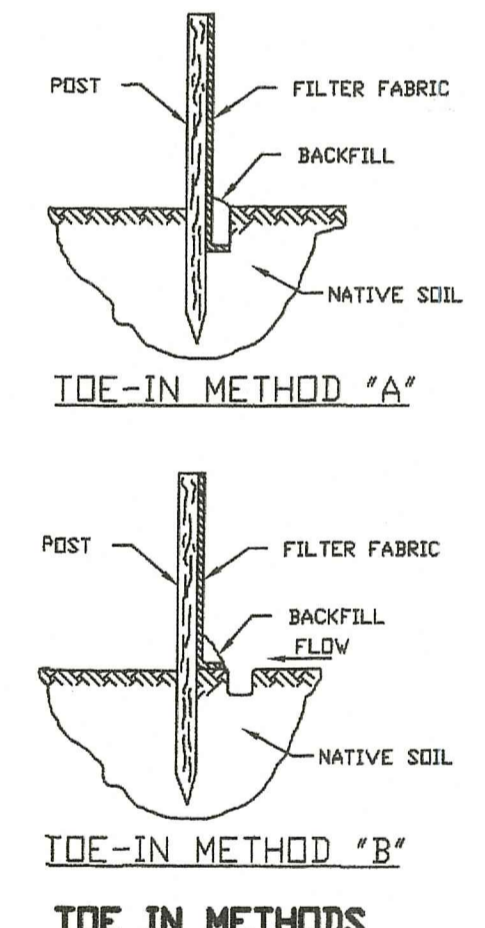
LEGEND

56	EXISTING CONTOURS
56	PROPOSED CONTOURS
G	GAS LINE
W	WATER LINE
SF	PROPOSED SILT FENCE
OH-E	PROPOSED OVERHEAD ELECTRIC
~~~~~	TREELINE
⊙	PROPOSED DOWN SPOUT
⊙	EXISTING SPOT GRADE
⊙	PROPOSED SPOT GRADE

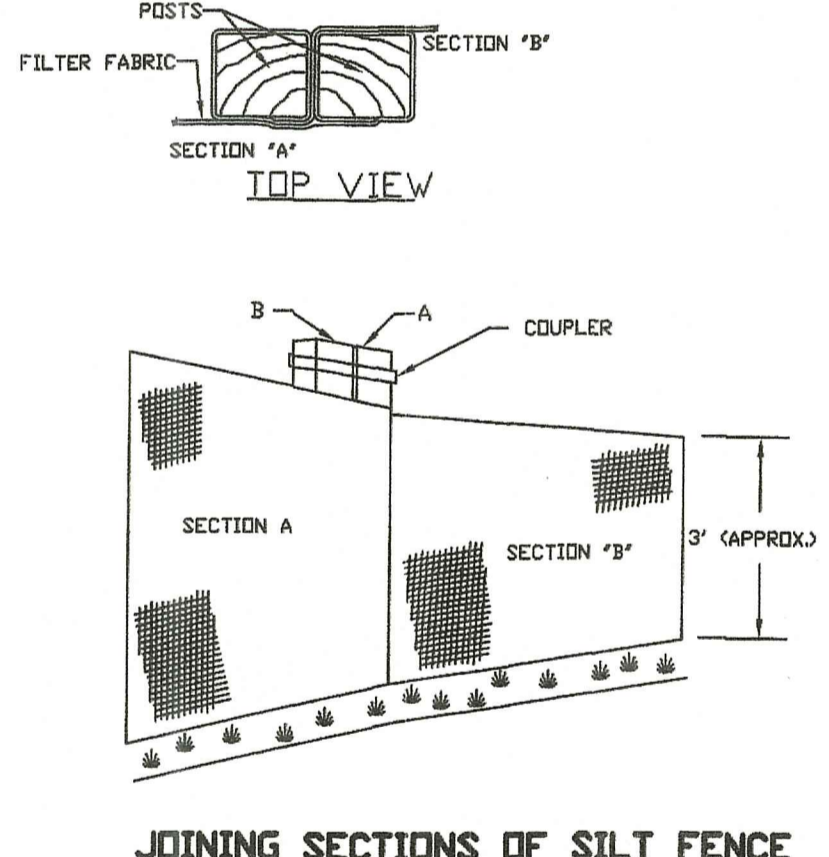
REVISED 2-1-23 RAIN GARDEN REVISED  
 REVISED 5-24-22 PER DEM COMMENT

**PROPOSED NEW DWELLING**

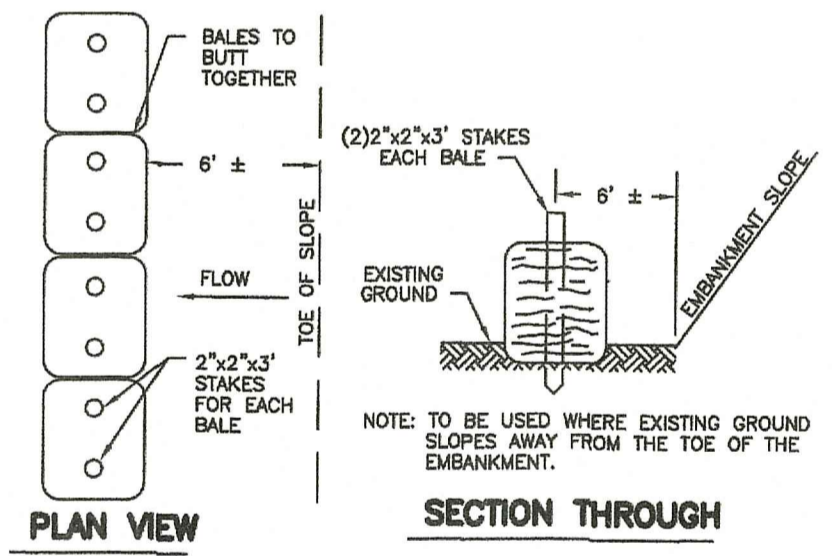
PREPARED FOR: MATTHEW DEANGELIS 13 KAREN STREET PORTSMOUTH, RI 02871	SCALE: AS NOTED DATE: 11/12/21
OWNED BY: MATTHEW DEANGELIS LOCATION: MAP K, LOT 103 KNOWLESWAY, NARRAGANSETT RI	DRAWN: AB DESIGN: TC CHECKED: TC
TODD CHATLIN PROFESSIONAL ENGINEER	PROJECT NO. 18-336
<b>Mount Hope ENGINEERING</b> CIVIL/ENVIRONMENTAL SERVICES Post Office Box 943 Portsmouth, Rhode Island 02871 (401) 683-1934/(508) 379-1234	SHEET NO. 1 OF 1



**SILT FENCE DETAIL**  
 NOT TO SCALE



**JOINING SECTIONS OF SILT FENCE**

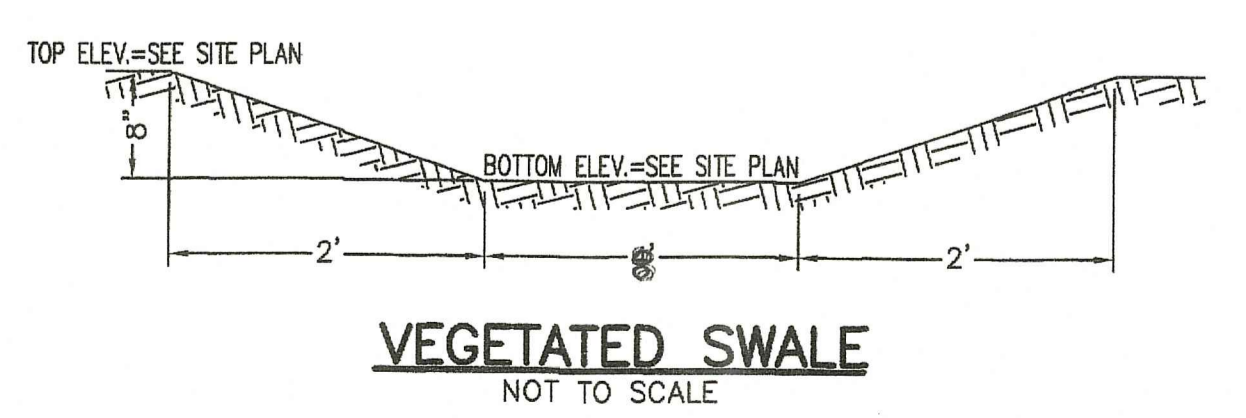


**HAY BALE DETAIL**  
 NOT TO SCALE

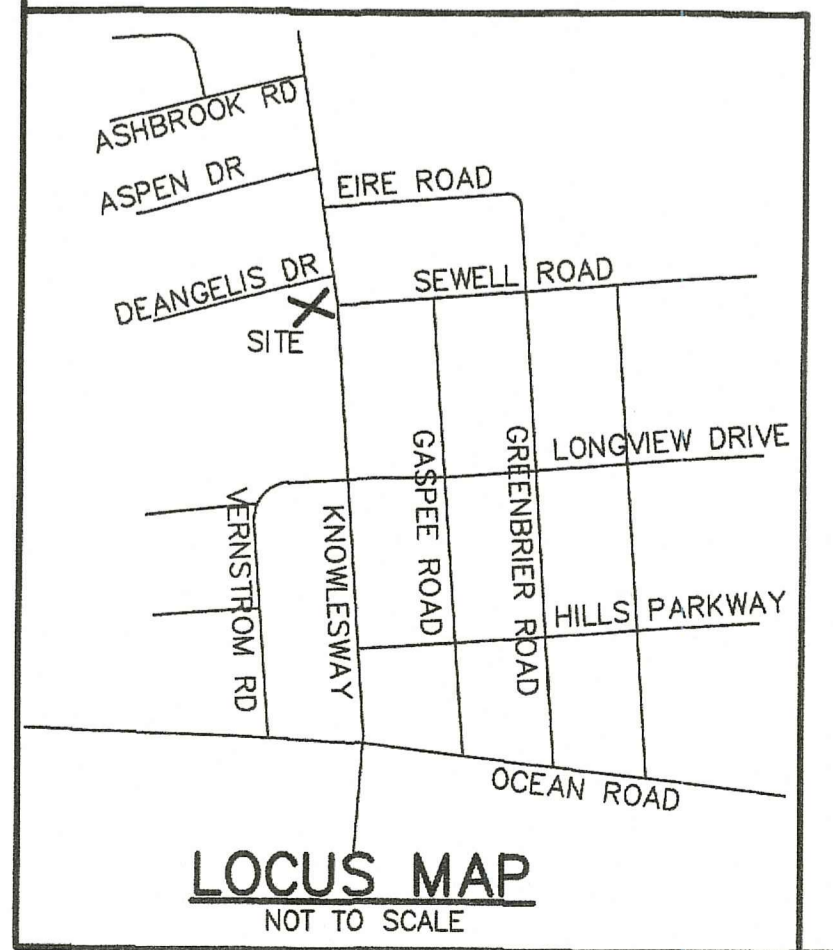
NOTE: CAN BE USED IN PLACE OF SILT FENCE

**GENERAL MAINTENANCE REQUIREMENTS FOR VEGETATED SWALE:**

- SWALE SHOULD BE MOWED AT LEAST ONCE PER GROWING SEASON TO PREVENT ESTABLISHMENT OF WOODY GROWTH AND OTHER UNDESIRABLE PLANTS TO INHIBIT PROPER PERFORMANCE. GRASS VEGETATION SHOULD NOT BE CUT SHORTER THAN 4 INCHES.
- BARE SPOTS AND ERODED AREAS WITHIN THE SWALE MUST BE RESEEDED IMMEDIATELY FOLLOWING OBSERVATIONS TO PREVENT SUBSEQUENT FAILURE OF THE SYSTEM.
- SWALE SHOULD BE INSPECTED ON A SEMI-ANNUAL BASIS. ALL TRASH AND OTHER LITTER MUST BE REMOVED DURING INSPECTIONS.
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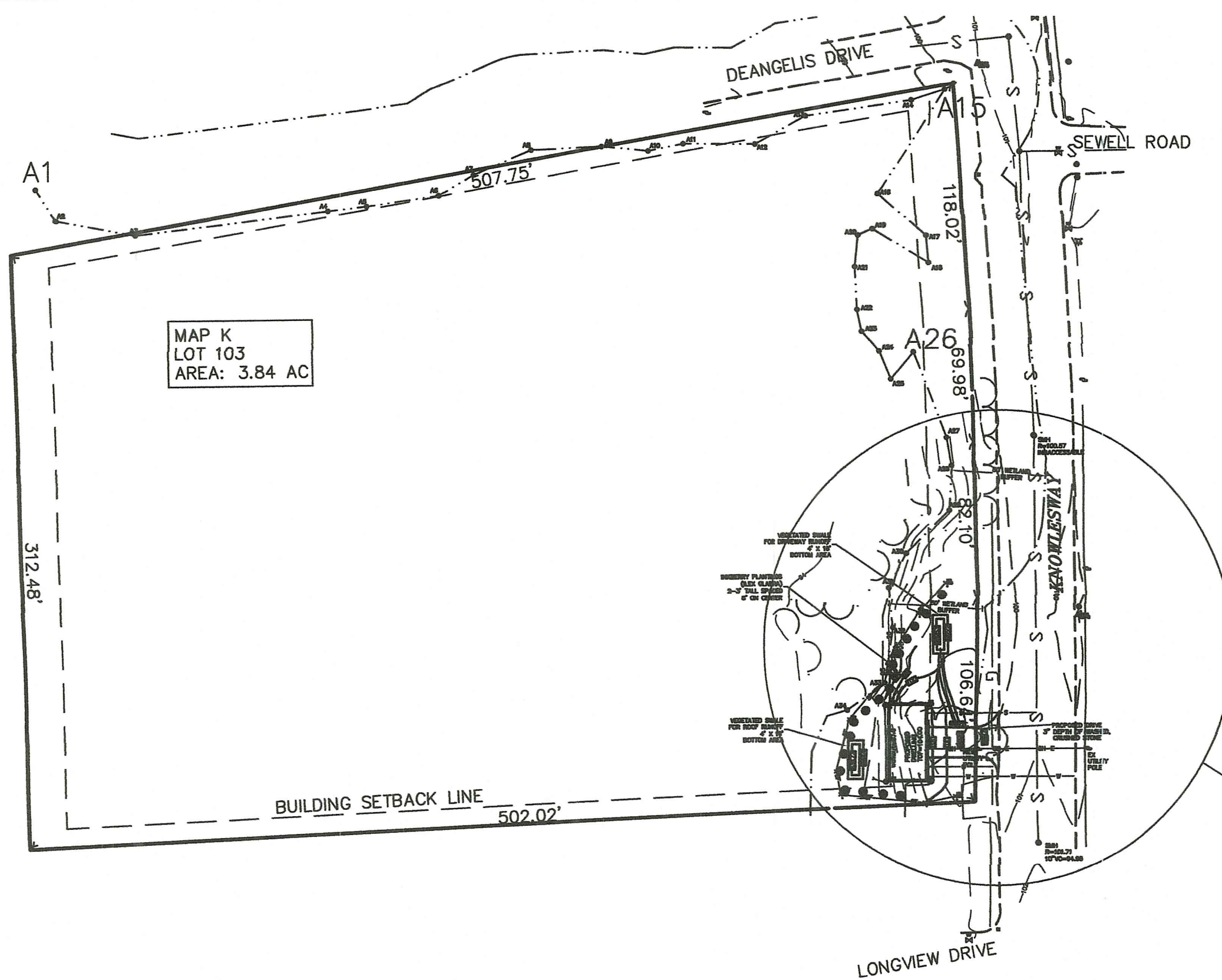
**VEGETATED SWALE**  
 NOT TO SCALE



**RI STORMWATER MANAGEMENT GUIDANCE FOR INDIVIDUAL SINGLE FAMILY RESIDENTIAL LOT DEVELOPMENT**

- NEW ROOFTOP & DRIVEWAY AREAS - 1526 SF (DWELLING=800 SF, DRIVEWAY=726 SF)
- LOCATION OF CONTROLS - SANDS AND LOAMY SANDS, 36" WT AS PER SOILS MAP
- STORMWATER CONTROL - VEGETATED SWALE FOR ROOF, POROUS GRAVEL & SHELL FOR DRIVEWAY
- SIZE OF CONTROL, WQ - VEGETATED SWALE FOR DWELLING: 64 SF REQUIRED & PROVIDED  
 - VEGETATED SWALE FOR DRIVEWAY: 64 SF REQUIRED & PROVIDED  
 DRIVEWAY ALSO OF POROUS CRUSHED STONE

STEP 5: SITE PLAN - INCLUDED

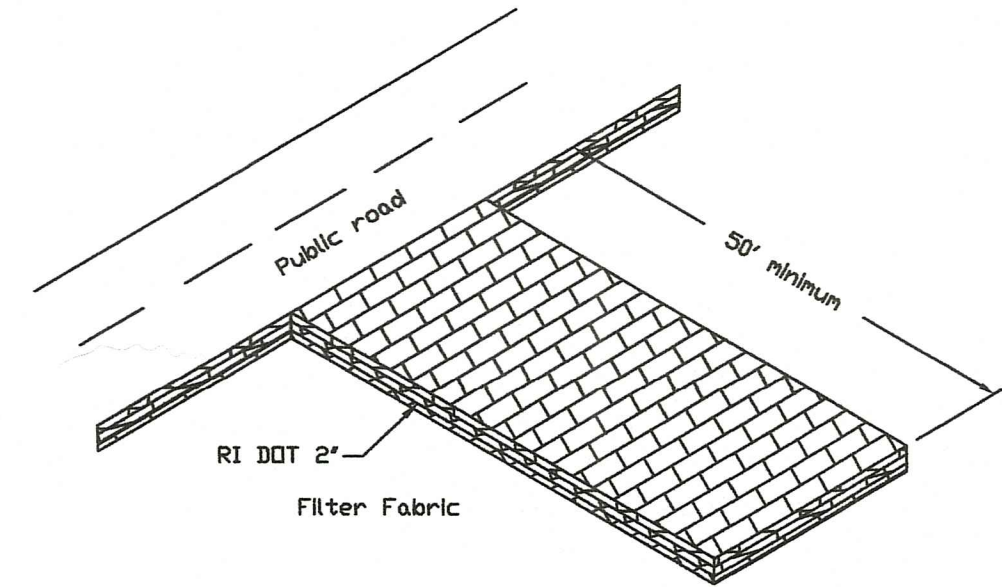


**OVERALL SITE PLAN**

SCALE: 1" = 60'

**ZONING SETBACKS**  
RESIDENTIAL ZONE "R-10"

MIN. LOT SIZE	10,000 SF
MIN. LOT WIDTH	100 FT
MIN. FRONT	25 FT
MIN. REAR	20 FT
MIN. SIDE	10 FT
MAX. BLDG COVERAGE	25%
MAX. BLDG HEIGHT	35 FT
ACCES. BLDG HEIGHT	18 FT



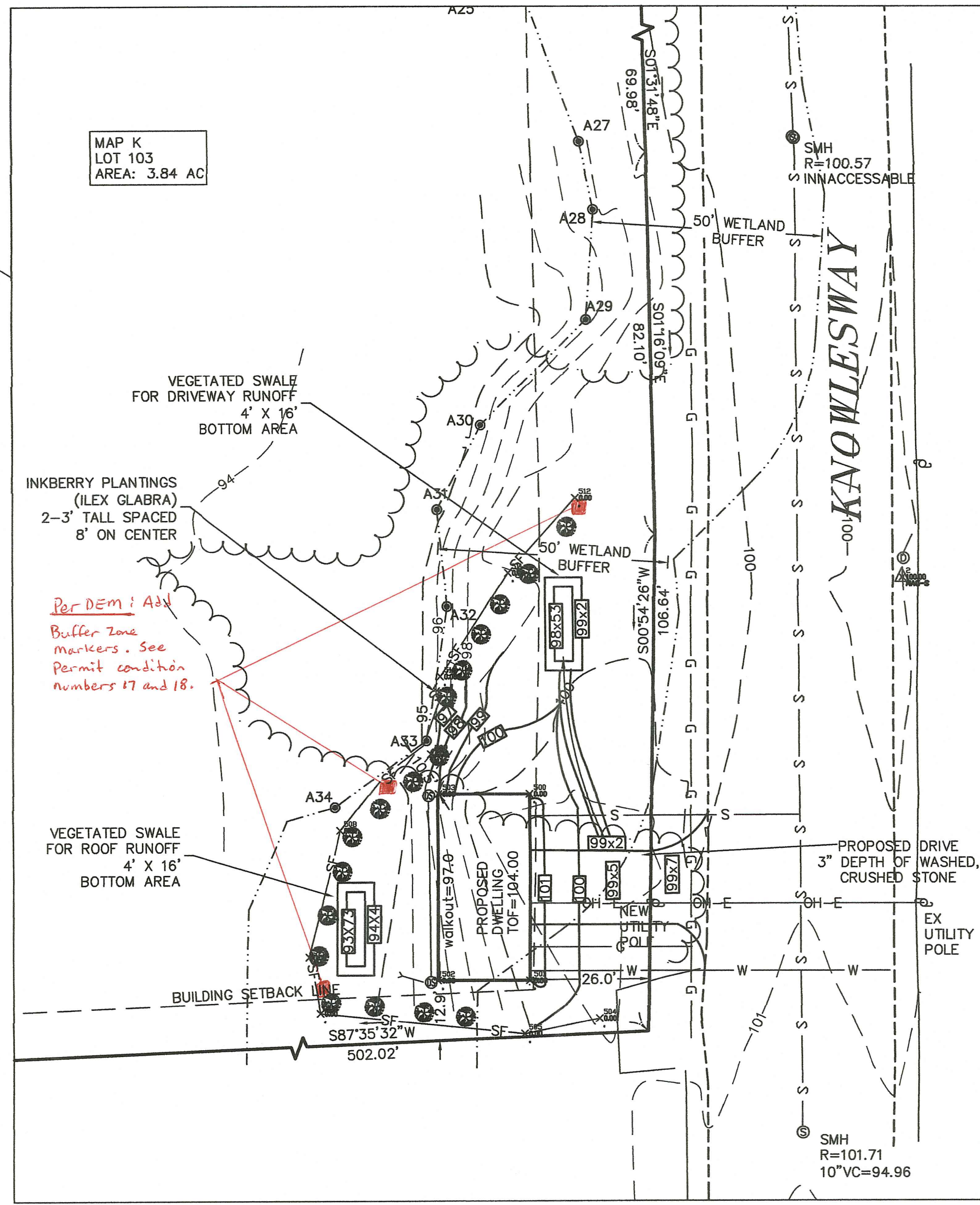
**CONSTRUCTION ROAD DETAIL**  
NOT TO SCALE

**SEQUENCE OF OPERATION**

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2. SEQUENCE: a) GRAVEL CONSTRUCTION ACCESS ROAD SHALL BE CONSTRUCTED PRIOR TO ALL OTHER EQUIPMENT ENTERING THE SITE. THE ROAD SHALL BE MAINTAINED THROUGHOUT ALL CONSTRUCTION. CARE SHALL BE TAKEN TO MINIMIZE DIRT AND MUD FROM ENTERING THE PAVED PUBLIC WAY. b) SILTATION CONTROL SHALL BE INSTALLED AS SHOWN PRIOR TO ANY EXCAVATION ON THE SITE. SILTATION CONTROL SHALL REMAIN IN PLACE UNTIL ALL SITE CONSTRUCTION IS COMPLETED AND THE AREA HAS BEEN SEEDED AND STABILIZED. c) SITE EXCAVATION SHALL COMMENCE WITH THE BUILDING FOUNDATION. EXCAVATED MATERIAL SHALL BE HAULED OFF SITE OR REUSED ON-SITE AS PER OWNER. STOCKPILED MATERIAL SHALL BE USED TO THE EXTENT POSSIBLE AS FINAL COVER. ALL LOAM EXCAVATED ON-SITE SHALL BE STORED AND SAVED FOR FINAL COVER. NO MATERIAL SHALL BE REMOVED FROM THE SITE WITHOUT THE PERMISSION OF THE OWNER. d) UPON COMPLETION OF ALL SITE WORK, THE AREA IS TO BE PROMPTLY LOADED AND SEED. SILTATION CONTROL SHALL REMAIN IN PLACE UNTIL VEGETATION IS IN PLACE. ANY MATERIAL STOCKPILED DURING CONSTRUCTION SHALL BE COVERED WITH MULCH IF NOT TO BE USED WITHIN THREE DAYS.

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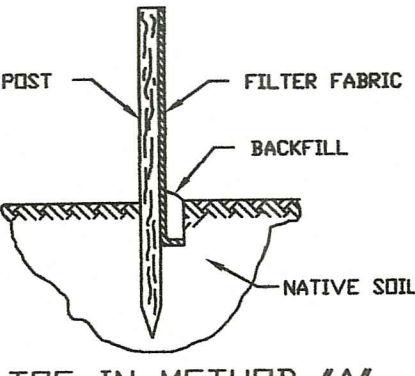
**PARTIAL SITE PLAN**

SCALE: 1" = 20'

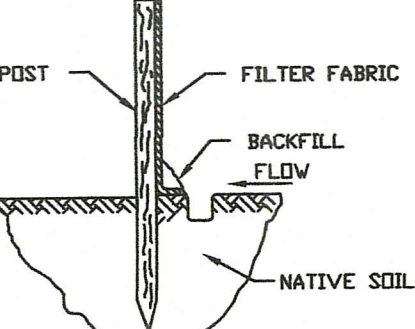
RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF WATER RESOURCES  
FRESHWATER WETLANDS PROGRAM  
APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL  
DATED: NOV 04 2022 FILE # 21-0334  
NOTICES ALLOWED WITHOUT PRIOR APPROVAL  
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

**LEGEND**

---	56	EXISTING CONTOURS
---	56	PROPOSED CONTOURS
---	G	GAS LINE
---	W	WATER LINE
---	SF	PROPOSED SILT FENCE
---	OH-E	PROPOSED OVERHEAD ELECTRIC
---		TREELINE
⊙		PROPOSED DOWN SPOUT
56x5		EXISTING SPOT GRADE
56x5		PROPOSED SPOT GRADE

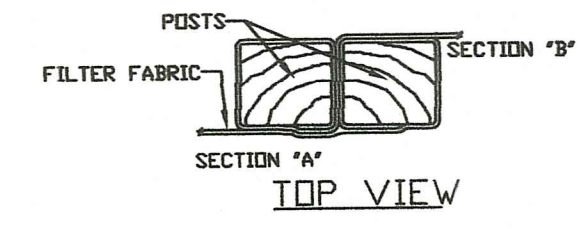


TOE-IN METHOD "A"

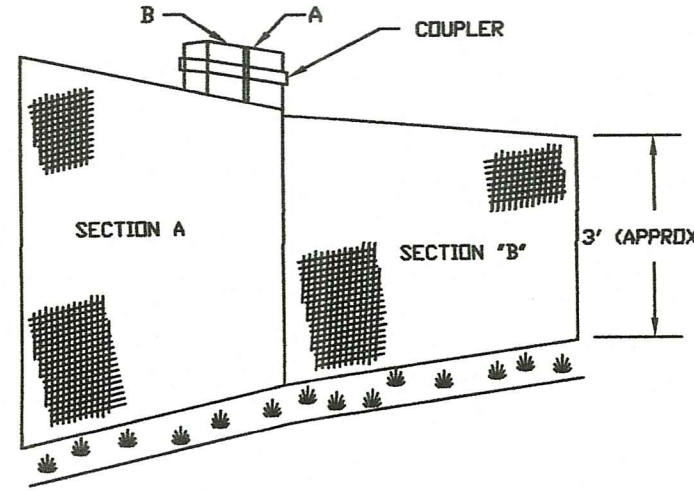


TOE-IN METHOD "B"

**TOE IN METHODS**



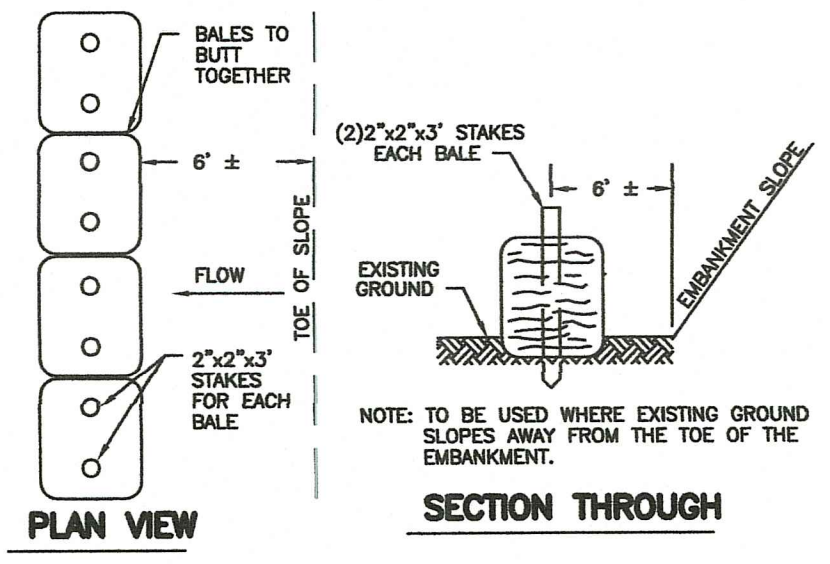
SECTION "A" TOP VIEW



**JOINING SECTIONS OF SILT FENCE**

**SILT FENCE DETAIL**

NOT TO SCALE



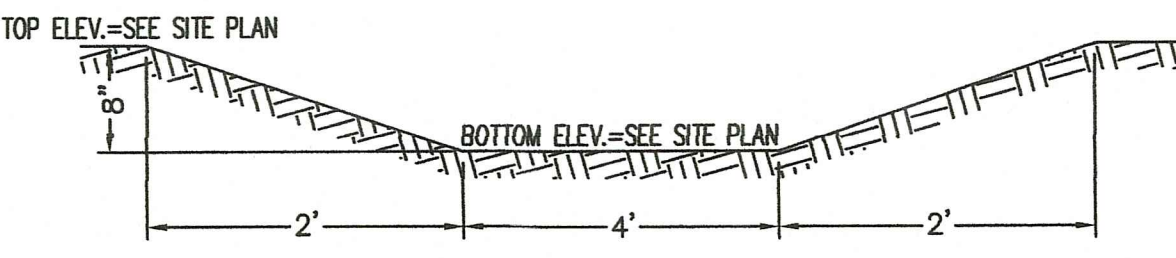
**HAY BALE DETAIL**

NOT TO SCALE

NOTE: CAN BE USED IN PLACE OF SILT FENCE

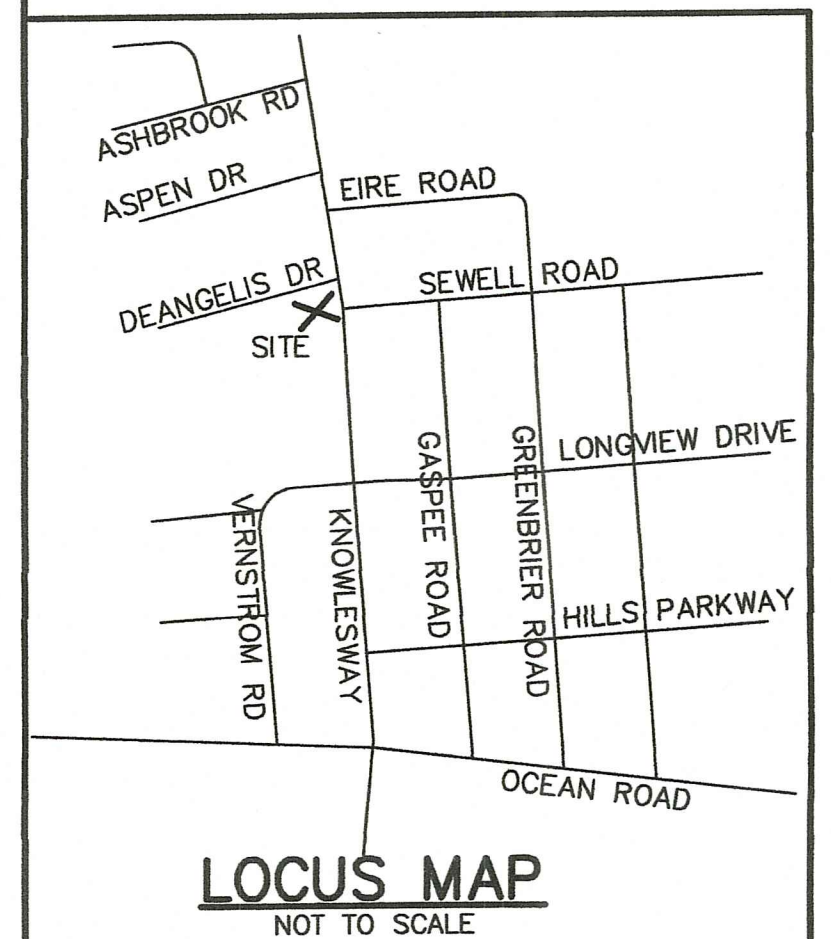
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**VEGETATED SWALE**

NOT TO SCALE



**LOCUS MAP**

NOT TO SCALE

**RI STORMWATER MANAGEMENT GUIDANCE FOR INDIVIDUAL SINGLE FAMILY RESIDENTIAL LOT DEVELOPMENT**

- STEP 1: NEW ROOFTOP & DRIVEWAY AREAS - 1526 SF (DWELLING=800 SF, DRIVEWAY=726 SF)
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- STEP 4: SIZE OF CONTROL, WQ - VEGETATED SWALE FOR DWELLING: 800 SF REQUIRED & PROVIDED - VEGETATED SWALE FOR DRIVEWAY: 800 SF REQUIRED & PROVIDED
- STEP 5: SITE PLAN - INCLUDED

REVISED 5-24-22 PER DEM COMMENT

**PROPOSED NEW DWELLING**

PREPARED FOR: MATTHEW DEANGELIS 13 KAREN STREET PORTSMOUTH, RI 02871	SCALE: AS NOTED DATE: 11/12/21
OWNED BY: MATTHEW DEANGELIS	DRAWN: AB
LOCATION: MAP K, LOT 103 KNOWLESWAY, NARRAGANSETT RI	DESIGN: TC
	CHECKED: TC
	PROJECT NO. 18-336
	SHEET NO. 1 OF 1

