



# Amesbury Elementary School Neighbors' Meeting

March 3, 2021



# Amesbury Elementary School

 **DINISCO DESIGN**  
architects + planners

# Project Updates

- Introductions

- City Initiatives

  - Culvert Improvements

  - Highland & Friend Street Intersection

  - Lions Mouth Road Sidewalk Extension

- Design Update

- Site Update

  - Site Lighting

  - Site Planting

  - Construction Schedule & Phasing

  - Soil Management and Arsenic

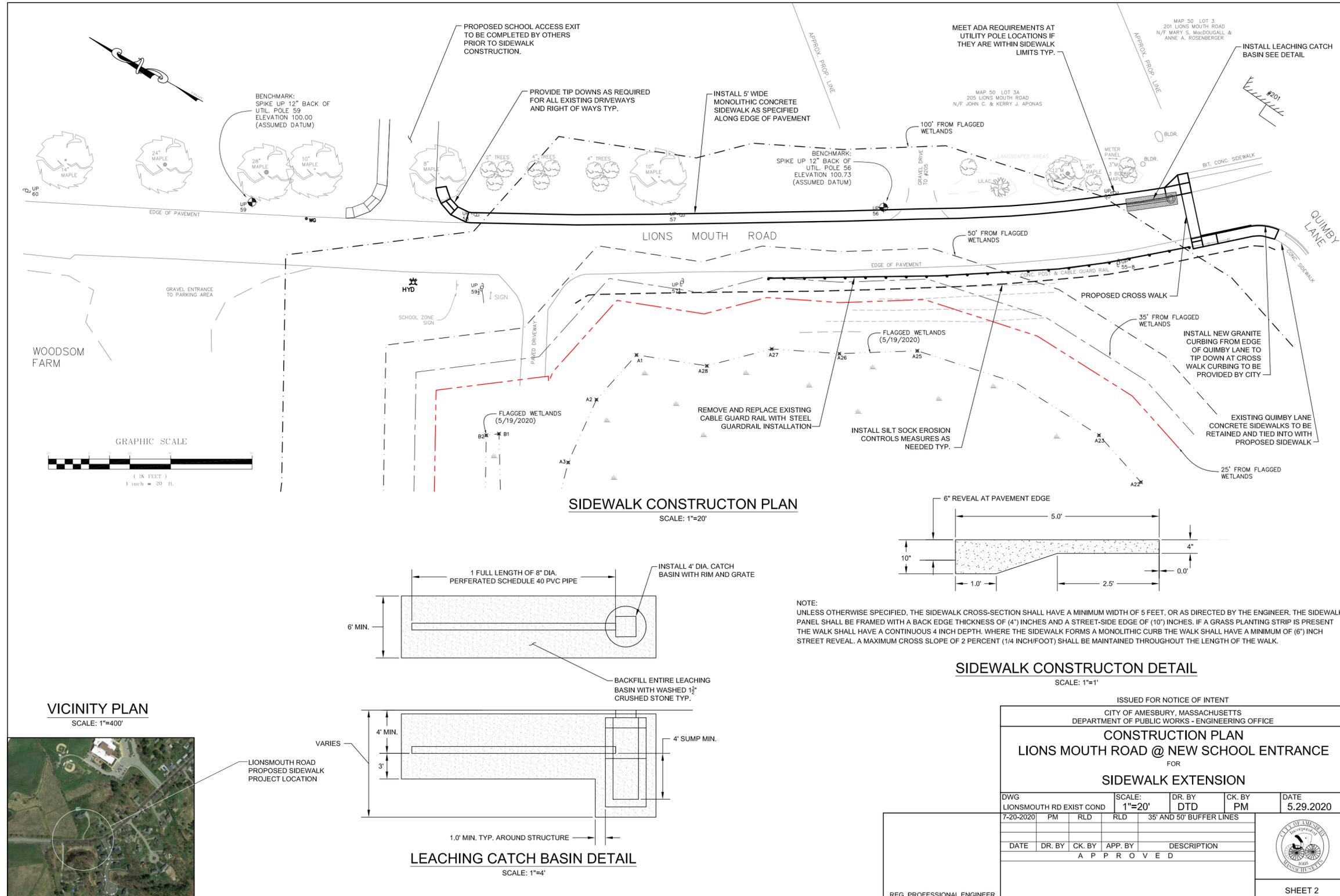
# City Initiatives | Culvert Improvements

## Friend Street Drainage

- Essex County Mosquito Control cleared stream in December 2020.
- Project funded in Capital Plan for FY 22 funds available August 2021.
- Expect engineering project start September 2021
- Conservation Commission Application December 2021
- Begin Construction June 2022
- Construction complete December 2022.
- Project includes replacing drain from Park Pond to Friend Street.



# City Initiatives | Lions Mouth Sidewalk Extension



# Proposed Conditions | Site Plan



# Proposed | View of Main Entry



# Proposed | View from Parking Lot



# Proposed | Main Entry View Towards Cashman



# Proposed | View From Playground



# Proposed | View Towards Gym



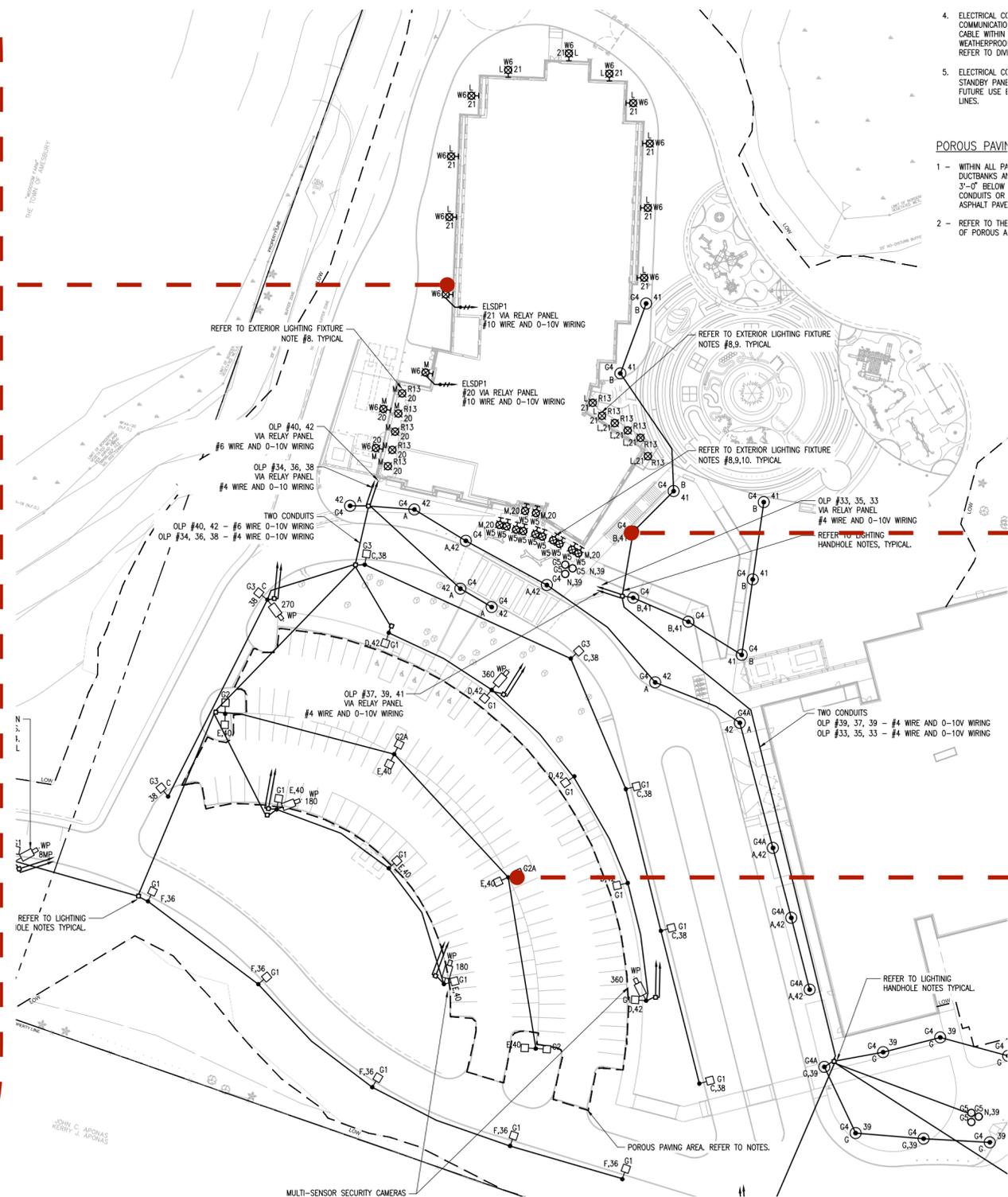
# Existing | View from Woodsom



# Proposed | View from Woodsom



# Proposed | Site Lighting Fixtures



- 4. ELECTRICAL COMMUNICATIONS CABLE WITH WEATHERPROOF REFER TO DW
  - 5. ELECTRICAL STANDBY PANE FUTURE USE I LINES.
- POROUS PAVI**
- 1 - WITHIN ALL P DUCTBANKS AT 3'-0" BELOW CONDUITS OR ASPHALT PAVE
  - 2 - REFER TO THE OF POROUS A



10 ft pole mounted fixtures - Pedestrian



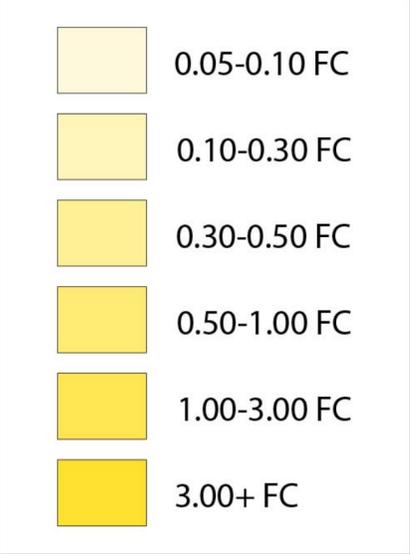
Building - Wall mounted



16 ft pole mounted fixtures - Vehicular



# Proposed Site Lighting Photometrics



# Proposed | Revised Planting & Site Improvements



- LAWN
- CONSERVATION SEED MIX
- TREES
- SHRUBS

# Proposed | Site Trees



Paper Birch



New Harmony Elm



Columnar Sargent Cherry



Eastern Redbud



Red Oak



Black Tupelo



Eastern White Pine



Eastern Red Cedar



October Glory Red Maple



Armstrong Gold Maple



- LAWN
- CONSERVATION SEED MIX
- TREES
- SHRUBS

# Planting | Revised Plant List

## PLANT LIST

QTY.	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
DECIDUOUS TREES					
23	ARA	ACER RUBRUM 'ARMSTRONG'	ARMSTRONG GOLD MAPLE	3 - 3 1/2" CAL.	B&B, NO BRANCHES BELOW 6' MIN.
4	ARK	ACER RUBRUM 'KARPICK'	KARPICK RED MAPLE	3 - 3 1/2" CAL.	B&B, NO BRANCHES BELOW 6' MIN.
9	ARO	ACER RUBRUM 'OCTOBER GLORY'	OCTOBER GLORY RED MAPLE	3 - 3 1/2" CAL.	B&B, NO BRANCHES BELOW 6' MIN.
<del>6</del>	<del>AS</del>	<del>ACER SACCHARUM</del>	<del>SUGAR MAPLE</del>	<del>3 - 3 1/2" CAL.</del>	<del>B&amp;B, NO BRANCHES BELOW 6' MIN.</del>
1	AS-1	ACER SACCHARUM	SUGAR MAPLE	1 1/2 - 2" CAL.	
13	BJS	BETULA Papyrifera	PAPER BIRCH	2 - 2 1/2" CAL.	#15 CONT.
9	CB	CARPINUS BETULUS 'FASTIGIATA'	UPRIGHT HORNBEAM	3 - 3 1/2" CAL.	B&B, NO BRANCHES BELOW 6' MIN.
1	CJ	CERCIDIPHYLLUM JAPONICUM	KATSURA TREE	3 - 3 1/2" CAL.	B&B, NO BRANCHES BELOW 6' MIN.
7	GBP	GINKGO BILOBA 'PRINCETON SENTRY'	PRINCETON SENTRY GINKGO	3 - 3 1/2" CAL.	B&B, NO BRANCHES BELOW 6' MIN.
<del>11</del>	<del>LS</del>	<del>LIQUIDAMBAR STYRACIFLUA 'HAPPIDAZE'</del>	<del>HAPPIDAZE SWEETGUM</del>	<del>3 - 3 1/2" CAL.</del>	<del>B&amp;B, NO BRANCHES BELOW 6' MIN., FRUITLESS</del>
8	NS	NYSSA SYLVATICA	BLACK TUPELO	3 - 3 1/2" CAL.	B&B, NO BRANCHES BELOW 6' MIN.
1	PO	PLATANUS OCCIDENTALIS	AMERICAN SYCAMORE	1 1/2 - 2" CAL.	
1	QA	QUERCUS ALBA	WHITE OAK	3 - 3 1/2" CAL.	B&B, NO BRANCHES BELOW 6' MIN.
1	QA-1	QUERCUS ALBA	WHITE OAK	1 1/2 - 2" CAL.	
5	QP	QUERCUS PAULSTRIS 'GREEN PILLAR'	GREEN PILLAR OAK	3 - 3 1/2" CAL.	B&B, NO BRANCHES BELOW 6' MIN.
1	QR	QUERCUS RUBRA	RED OAK	3 - 3 1/2" CAL.	B&B, NO BRANCHES BELOW 6' MIN.
1	TA	TILIA AMERICANA	AMERICAN LINDEN	1 1/2 - 2" CAL.	
12	UM	ULMUS AMERICANA 'NEW HARMONY'	NEW HARMONY ELM	3 - 3 1/2" CAL.	B&B, NO BRANCHES BELOW 6' MIN.
13	ZM	ZELKOVA SERRATA 'MUSASHINO'	MUSASHINO COLUMNAR ZELKOVA	3 - 3 1/2" CAL.	B&B, NO BRANCHES BELOW 6' MIN.
FLOWERING TREES					
1	CC	CERCIS CANADENSIS	EASTERN REDBUD	2 1/2 - 3" CAL.	B&B, HEAVY, PINK
4	PSC	PRUNUS SARGENTII 'COLUMNARIS'	COLUMNAR SARGENT CHERRY	3" - 3 1/2" CAL.	B&B, HEAVY, PINK
1	PY	PRUNUS X YEDOENSIS 'AKEBONO'	AKEBONO YOSHINO CHERRY	3" - 3 1/2" CAL.	B&B, HEAVY, PINK
EVERGREEN TREES					
23	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	7' - 8' HT.	B&B, BRANCHED TO GROUND, NOT SHEARED
13	PS	PINUS STROBUS	EASTERN WHITE PINE	10' - 12' HT.	B&B, BRANCHED TO GROUND, NOT SHEARED
DECIDUOUS SHRUBS					
8	CA	CLETHERA ALNIFOLIA	SWEET PEPPERBUSH	2 GAL. CONT.	AS SHOWN
36	CAE	CLETHERA ALNIFOLIA 'HUMMINGBIRD'	HUMMINGBIRD SUMMERSWEET	18"-24" HT.	30" O.C. TRIA. SP.
36	CAF	CORNUS ARCTIC FIRE	ARCTIC FIRE DOGWOOD	18"-24" HT.	48" O.C. TRIA. SP.
10	COR	CORYLUS AMERICANA	AMERICAN HAZELNUT	2 GAL. CONT.	AS SHOWN
81	HY	HYDRANGEA MACROPHYLLA 'ALL SUMMER BLUE'	ALL SUMMER BLUE HYDRANGEA	30"-36" HT.	42" O.C. TRIA. SP.
6	IV	ILEX VERTICILLATA	WINTERBERRY	2 GAL. CONT.	AS SHOWN
<del>101</del>	<del>RA</del>	<del>RHUS AROMATICA 'CROW LOW'</del>	<del>CROW LOW FRAGRANT SUMAC</del>	<del>18" - 24" HT.</del>	<del>30" O.C. TRIA. SP.</del>
257	RK	ROSA KNOCK OUT BLUSHING PINK	BLUSHING PINK KNOCK OUT ROSE	18"-24" HT.	30" O.C. TRIA. SP.
22	SA	SPIREA ALBA LATIFOLIA	MEADOW SWEET	24"-30" HT.	48" O.C. TRIA. SP.
8	SL	SPIREA LATIFOLIA	BROADLEAF MEADOW SWEET	2 GAL. CONT.	AS SHOWN
12	VA	VIBURNUM ACERIFOLIUM	MAPLELEAF VIBURNUM	2 GAL. CONT.	AS SHOWN
EVERGREEN SHRUBS					
36	IG	ILEX GLABRA 'SHAMROCK'	SHAMROCK INKBERRY - COMPACT	30" HT./SPR.	42" O.C., TRIA. SP.
178	JC	JUNIPERUS CHINENSIS SARGENTII	SARGENTII JUNIPER	18" HT./SPR.	42" O.C., TRIA. SP.
363	JUH	JUNIPERUS HORIZONTALIS 'BAR HARBOR'	BAR HARBOR JUNIPER	18" HT./SPR.	42" O.C., TRIA. SP.
5	KL	KALMIA LATIFOLIA	MOUNTAIN LAUREL	12" - 25" HGT./SPR.	AS SHOWN
110	KLE	KALMIA LATIFOLIA 'ELF'	ELF MOUNTAIN LAUREL	18" - 24" HGT.	30" O.C., TRIA. SP.
19	RM	RHODODENDRON MAXIMUM	MAXIMUM WHITE RHODODENDRON	24"-30" HGT.	48" O.C., TRIA. SP.
5	RM-1	RHODODENDRON MAXIMUM	MAXIMUM WHITE RHODODENDRON	2 GAL. CONT.	AS SHOWN
GRASSES / PERENNIALS / FERNS					
45	COR	COREOPSIS VERTICILLATA 'MOONBEAM'	THREADLEAF COREOPSIS	#1 CONT.	15" O.C., TRIA. SP.
508	EH	ELYMUS HYSTRIX	BOTTLEBRUSH GRASS	#2 CONT.	18" O.C., TRIA. SP.
882	HEM	HEMEROCALLIS	DAYLILLIES	#1 POT	18" O.C., TRIA. SP.
322	PH	PENNISSETUM ALOPECUROIDES 'HAMELN'	HAMELN DWARF FOUNTAIN GRASS	#2 CONT.	18" O.C., TRIA. SP.
869	RF	RUDBECKIA FULGIDA 'GOLDSTREAM'	BLACK EYED SUSAN	#1 CONT.	18" O.C., TRIA. SP.
63	SN	SYMPHYOTRICHUM NOVAE-ANGLIAE	NEW ENGLAND ASTER	#2 CONT.	24" O.C., TRIA. SP.

REPLACE WITH UM-NEW HARMONY ELM

REPLACE WITH ARO-OCTOBER RED GLORY RED MAPLE

REPLACE WITH JUH-JUNIPER AND PH-HAMELN DWARF FOUNTAIN GRASS

Native Plants from the Amesbury Conservation suggested plant list

Native Plant Cultivars from the Amesbury Conservation suggested plant list

Native Plants not listed on the Amesbury Conservation suggested plant list

Non-Native adaptive plant appropriate for Mid-Atlantic states to New Hampshire - BSC Group Peer Review Requirement.

# Construction Logistics | Phase 1



Spring 2021 to July 1, 2021

# Construction Logistics | Phase 2



Summer 2021 (July 1, 2021 to August 20, 2021)

# Construction Logistics | Phase 3



August 20, 2021 to June 17, 2022

# Construction Logistics | Phase 4



Summer 2022 (June 20, 2022 to August 24, 2022)

# Construction Logistics | Phase 5



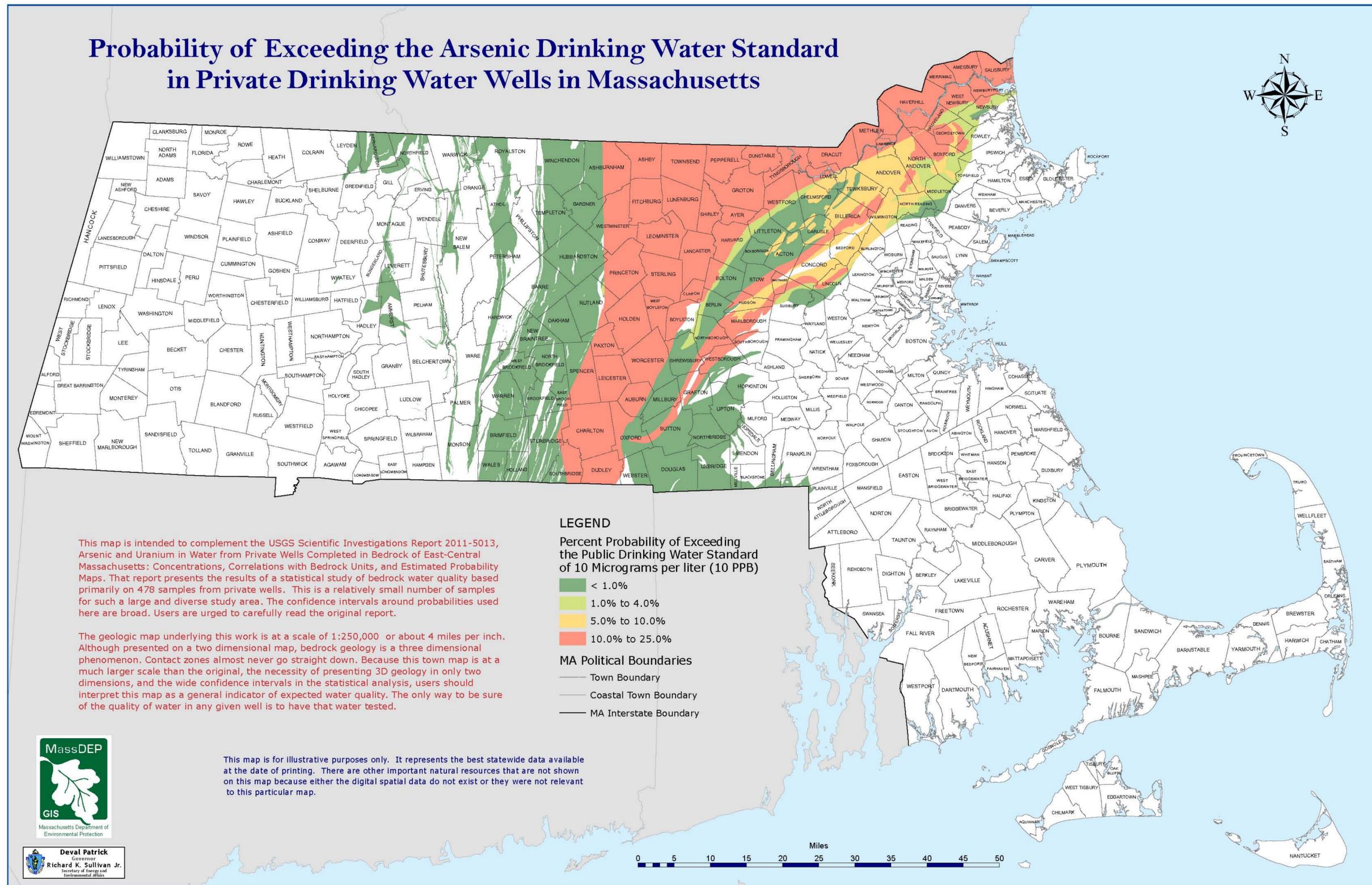
August 25, 2022 to March 2023

# Construction Logistics | Completion

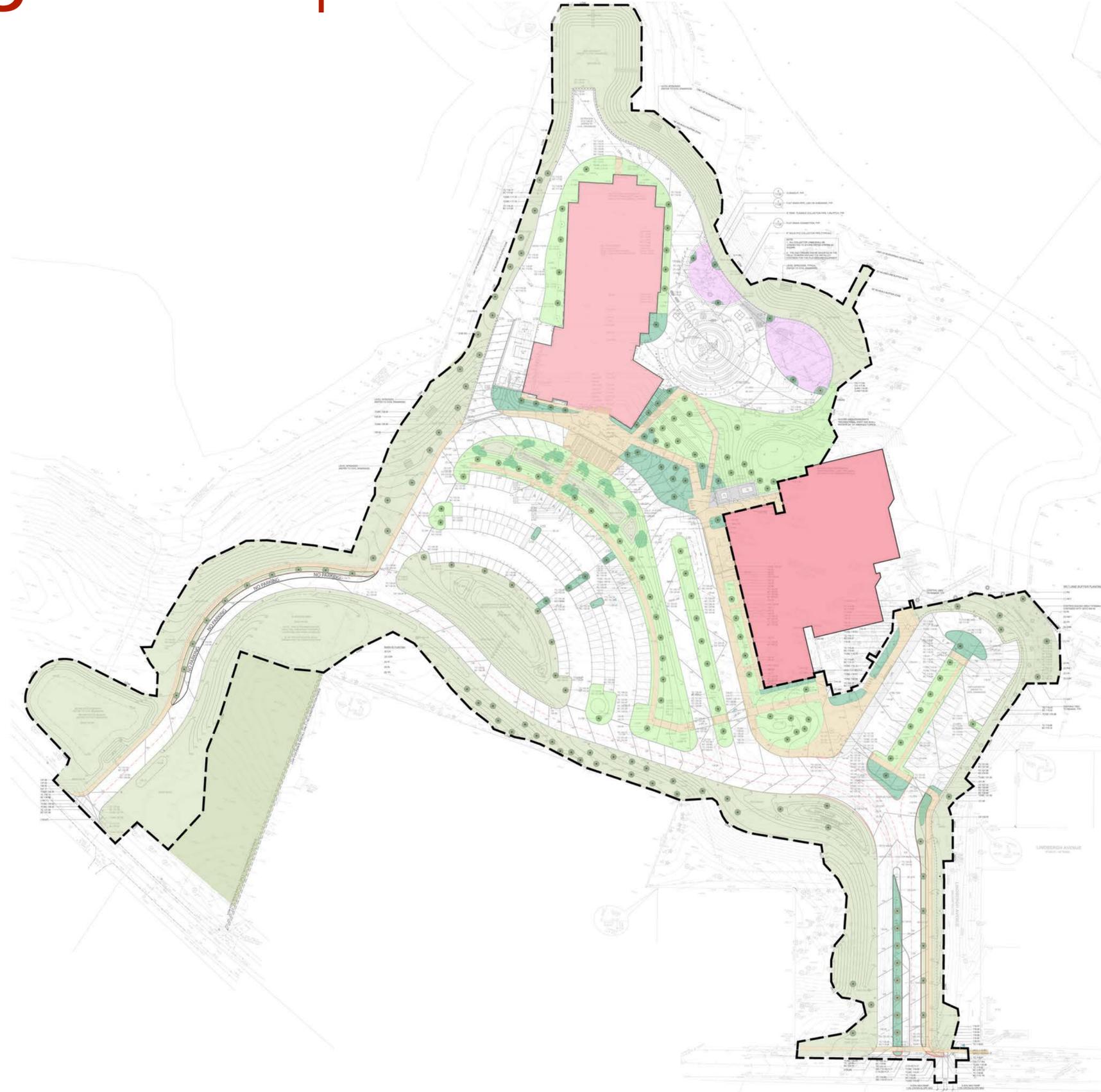


March 2023

# Soil Management | Arsenic Background



# Soil Management | Limit of Work



# Soil Management | Impacted Soils

## Pre-Construction

- Naturally occurring arsenic impacted soils
- Risk Assessment: detected levels do not pose an Imminent Hazard under the Massachusetts Contingency Plan (the relevant state regulatory program)

## During Construction

- Dust Monitoring, Reporting & Management

## Post Construction - Project Completion

- Clean cover within limit of construction work
- 12" clean soil at areas of landscape work
- 24" clean soil at recreation areas

## Cashman Playground



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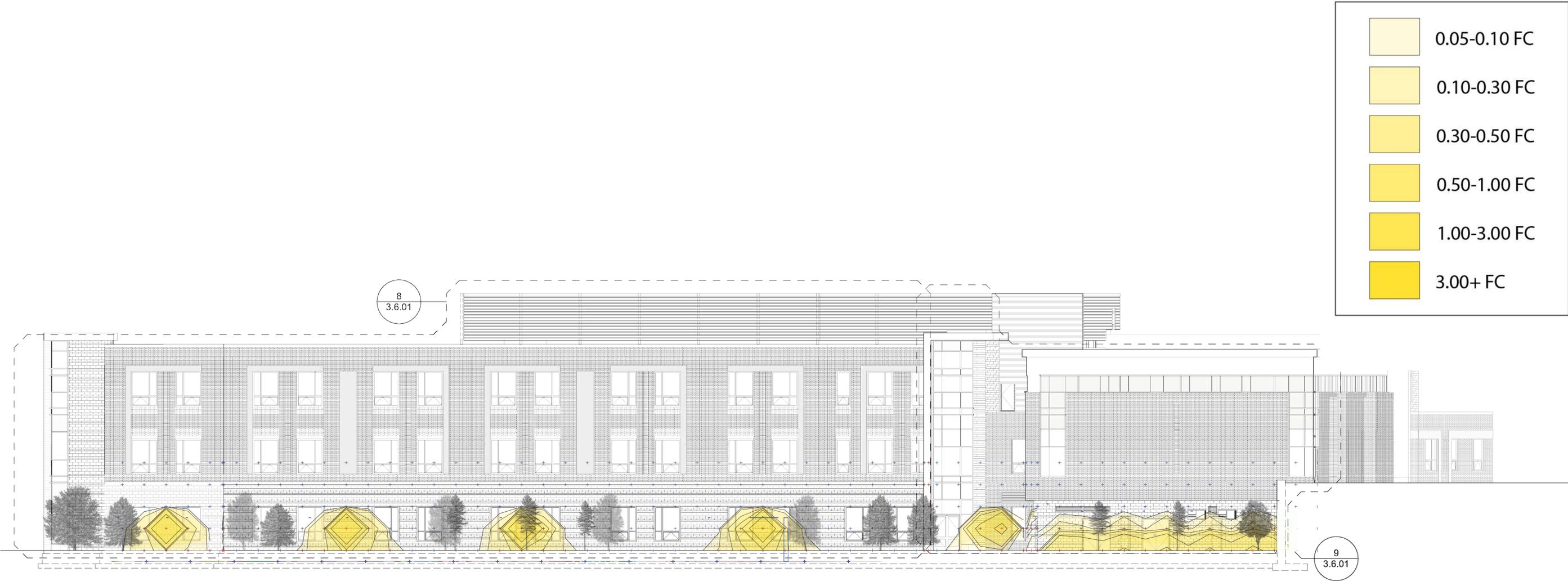
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# Amesbury Elementary School

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# Proposed | Lighting Photometrics at Building



2 Overall West Elevation  
SCALE: 1/16" = 1'-0"

# Proposed | View from Woodsom

