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BWC WADES STREAM, LLC

2.0 MW AC GROUND-MOUNT SOLAR PV DEVELOPMENT

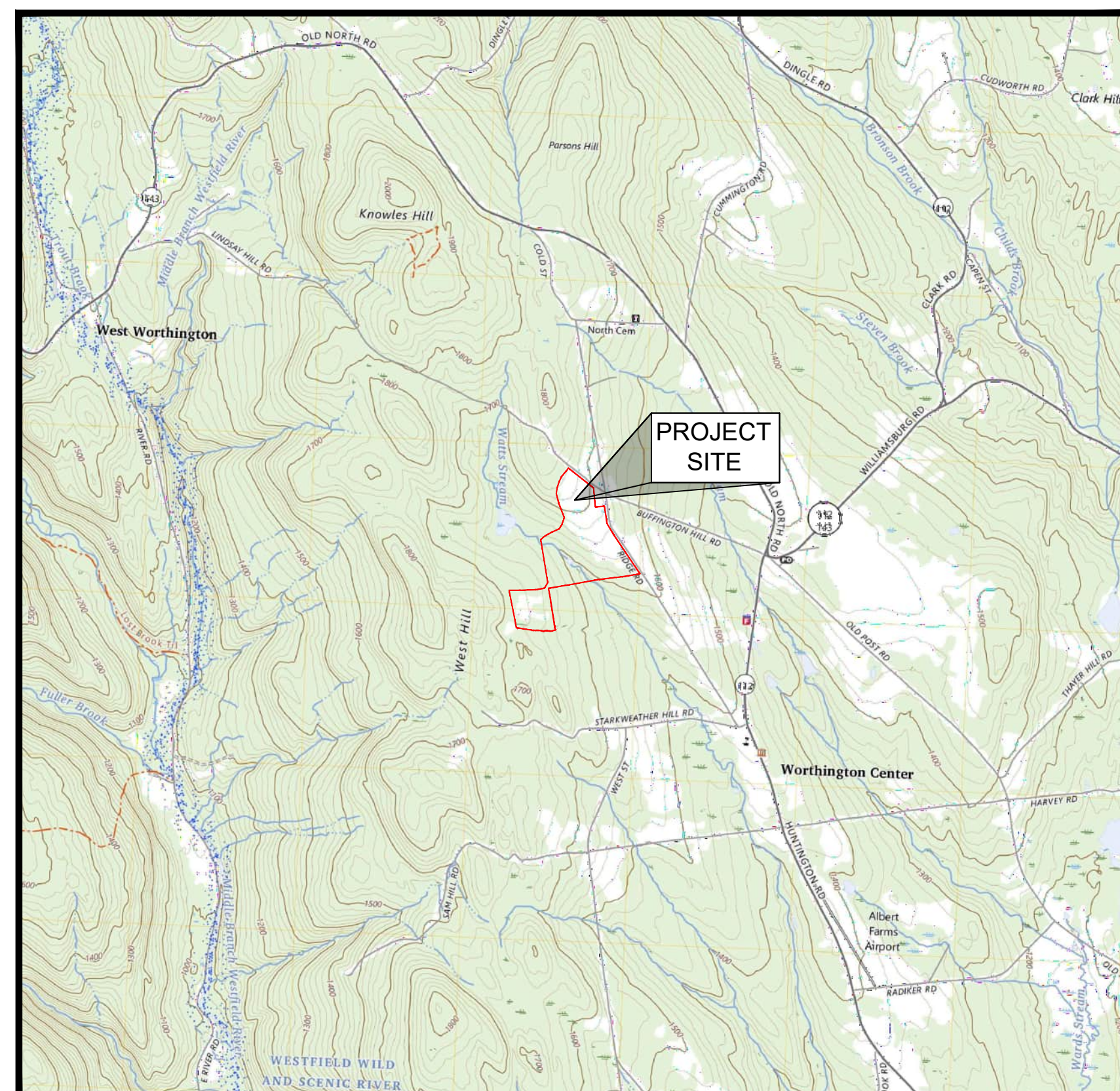
190 RIDGE ROAD

WORTHINGTON, MA 01098

SEPTEMBER 23, 2025

LAST REVISED OCTOBER 21, 2025

ISSUED FOR PERMITTING/NOT FOR CONSTRUCTION



LOCUS MAP
1"=2500'



AERIAL IMAGE
1"=1000'

DRAWING INDEX

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9	DETAILS (SHEET 2 OF 2)	C-502

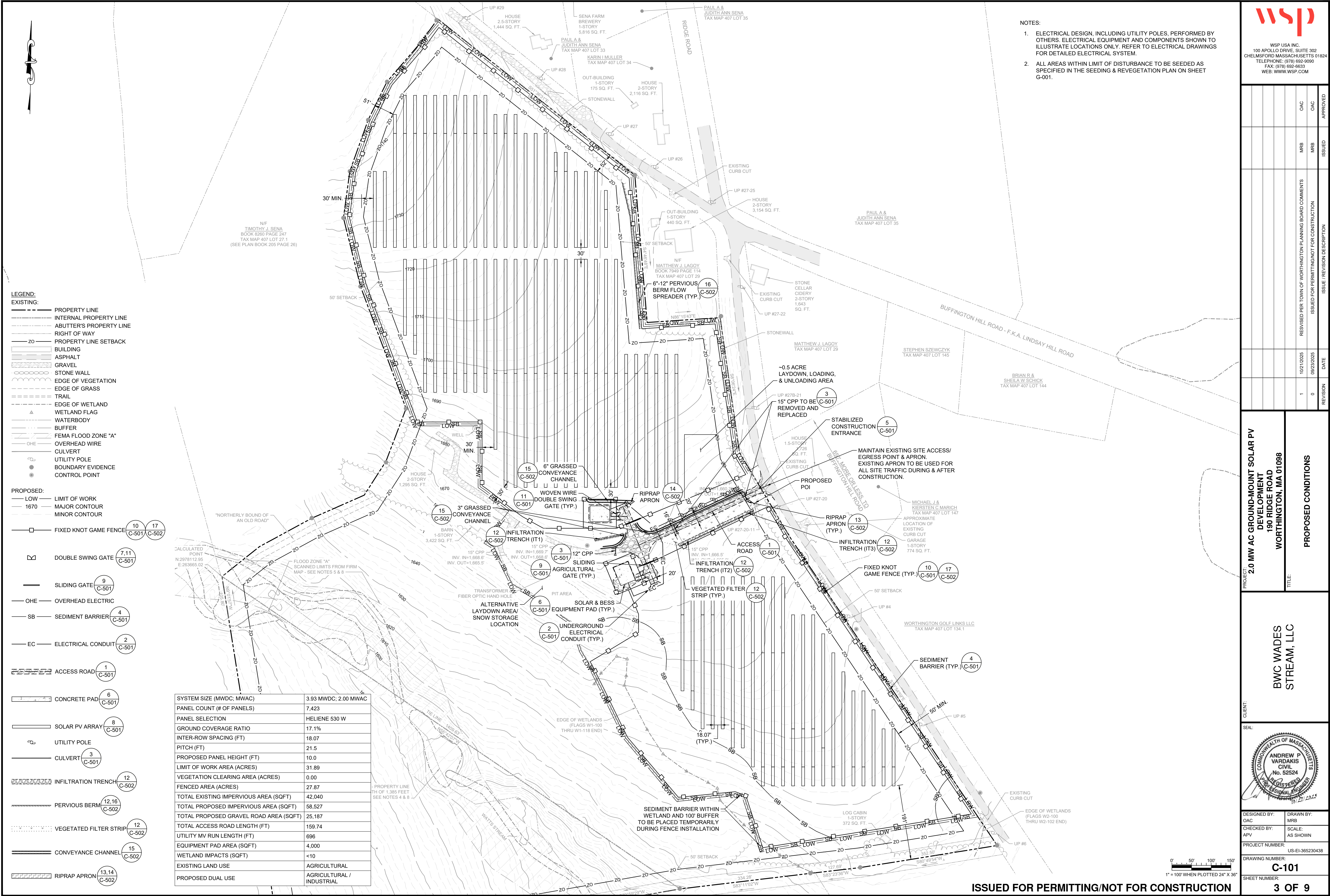
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SITE PLAN REVIEW BY
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PLANNING BOARD**
PO BOX 247, 160 HUNTINGTON ROAD
WORTHINGTON, MA 01098
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PLANNING@WORTHINGTONMA.US

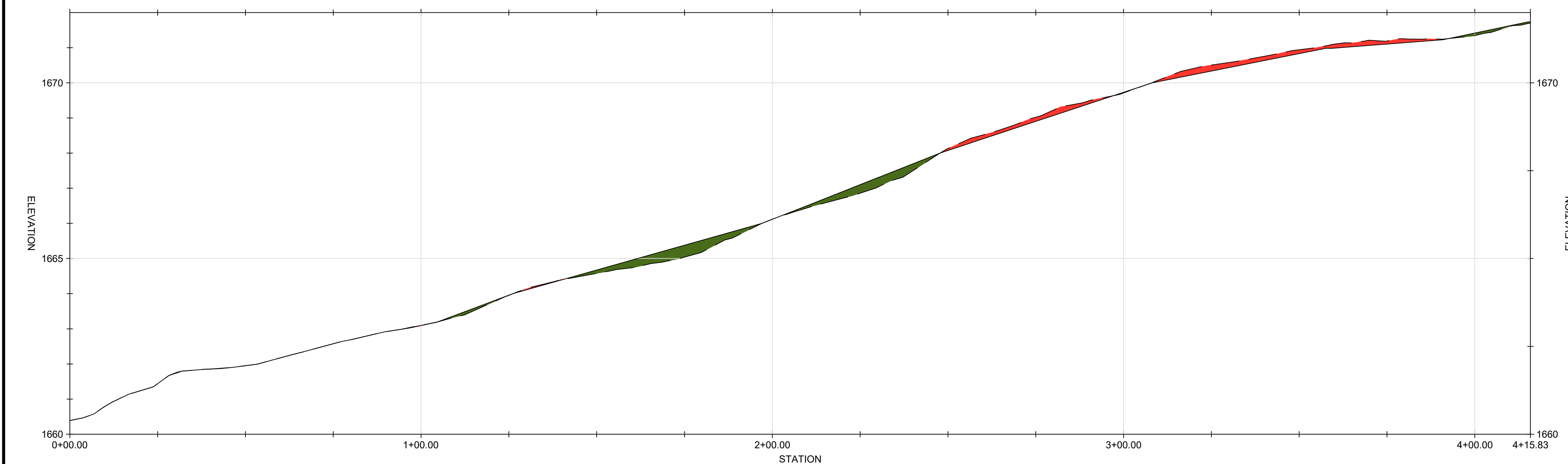
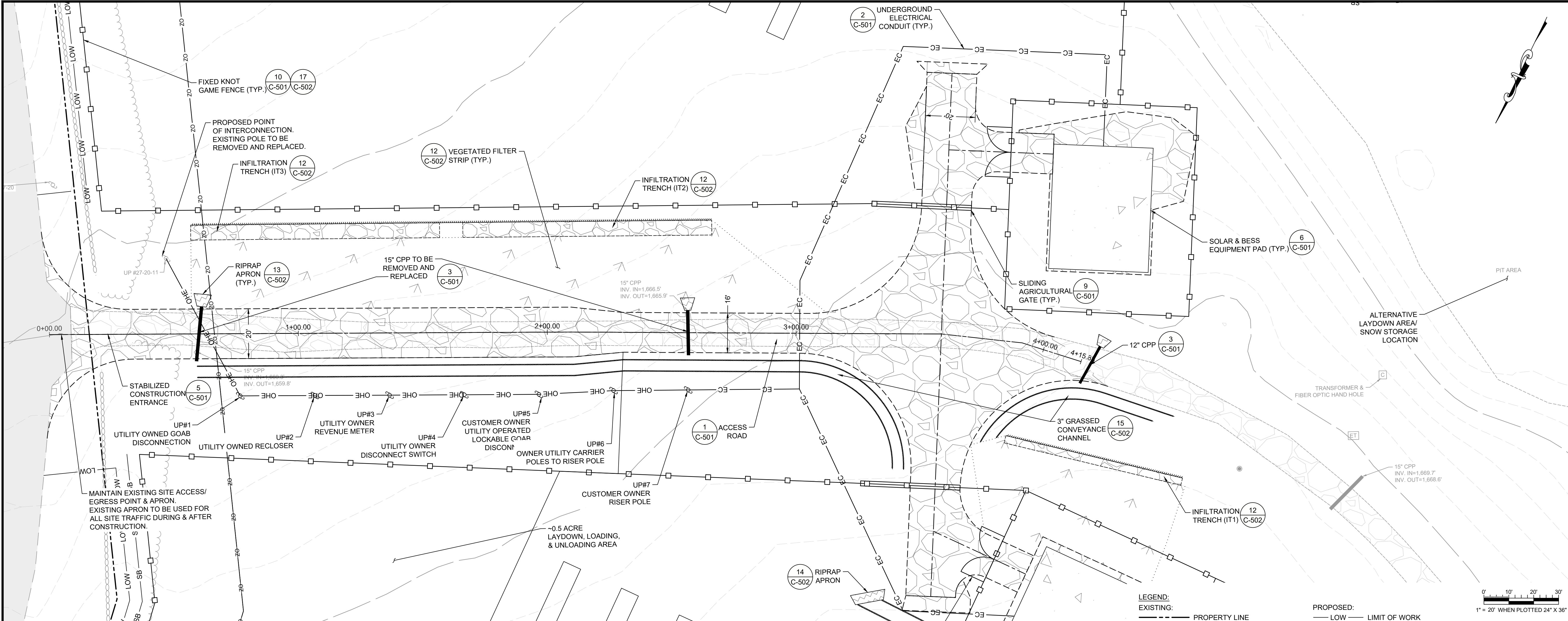




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TELEPHONE: (978) 692-9090
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WEB: WWW.WSP.COM

PROJECT: 2.0 MW AC GROUND-MOUNT SOLAR PV DEVELOPMENT 190 RIDGE ROAD WORTHINGTON, MA 01098	TITLE: GRADING/EARTHWORK PLAN
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DESIGNED BY: OAC	DRAWN BY: MRB
CHECKED BY: APV	SCALE: AS SHOWN
PROJECT NUMBER: US-EI-365230438	
DRAWING NUMBER: C-102	
SHEET NUMBER: 4 OF 9	



- LEGEND:**
- EXISTING:**
- PROPERTY LINE
 - INTERNAL PROPERTY LINE
 - ABUTTER'S PROPERTY LINE
 - RIGHT OF WAY
 - PROPERTY LINE SETBACK
 - BUILDING
 - ASPHALT
 - GRAVEL
 - STONE WALL
 - EDGE OF VEGETATION
 - EDGE OF GRASS
 - TRAIL
 - EDGE OF WETLAND
 - WETLAND FLAG
 - WATERBODY
 - BUFFER
 - FEMA FLOOD ZONE "A"
 - OVERHEAD WIRE
 - CULVERT
 - UTILITY POLE
 - BOUNDARY EVIDENCE
 - CONTROL POINT
- PROPOSED:**
- LOW
 - 1670
 - MAJOR CONTOUR
 - MINOR CONTOUR
 - FIXED KNOT GAME FENCE
 - DOUBLE SWING GATE
 - SLIDING GATE
 - OHE
 - OVERHEAD ELECTRIC
 - SB
 - SEDIMENT BARRIER
 - EC
 - ELECTRICAL CONDUIT
 - ACCESS ROAD
 - CONCRETE PAD
 - SOLAR PV ARRAY
 - UTILITY POLE
 - CULVERT
 - INFILTRATION TRENCH
 - PERVIOUS BERM
 - VEGETATED FILTER STRIP
 - CONVEYANCE CHANNEL
 - RIPRAP APRON
- PROFILE LEGEND:**
- EXISTING ELEVATION
 - PROPOSED ELEVATION
 - CUT AREA
 - FILL AREA

- NOTES:**
- ELECTRICAL DESIGN, INCLUDING UTILITY POLES, PERFORMED BY OTHERS. ELECTRICAL EQUIPMENT AND COMPONENTS SHOWN TO ILLUSTRATE LOCATIONS ONLY. REFER TO ELECTRICAL DRAWINGS FOR DETAILED ELECTRICAL SYSTEM.
 - ALL AREAS WITHIN LIMIT OF DISTURBANCE TO BE SEEDED AS SPECIFIED IN THE SEEDING & REVEGETATION PLAN ON SHEET G-001.
 - THE TOTAL GRADING CUT VOLUME IS 841.92 CUBIC YARDS. THE TOTAL GRADING FILL VOLUME IS 584.76 CUBIC YARDS. THE GRADING OF THE ACCESS ROAD AND EQUIPMENT PAD AREA WILL RESULT IN A NET CUT VOLUME OF 257.16 CUBIC YARDS.

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ISSUED FOR PERMITTING/NOT FOR CONSTRUCTION	
REVISION	DATE
1	10/21/2025
0	09/23/2025

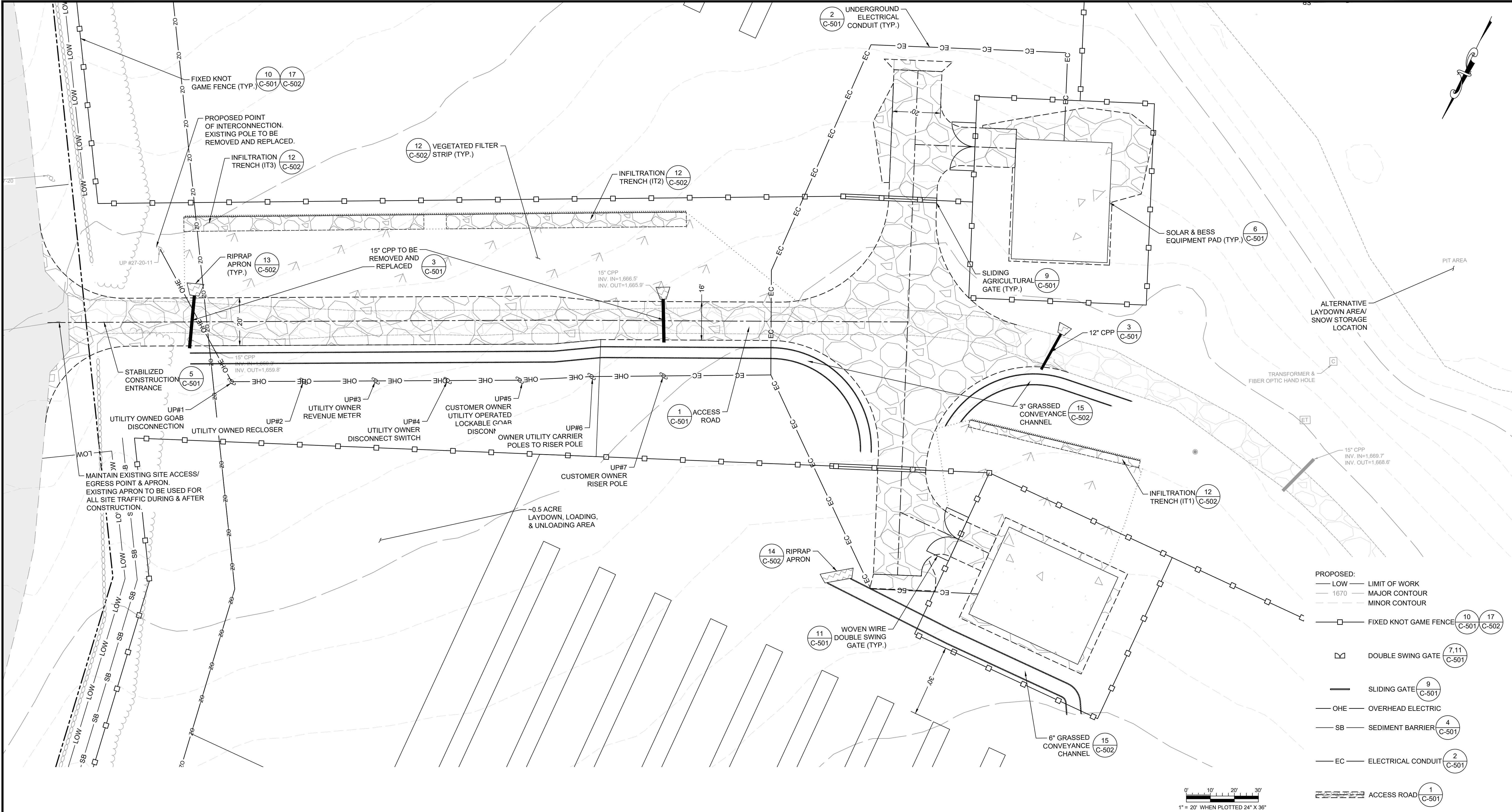
PROJECT: 2.0 MW AC GROUND-MOUNT SOLAR PV DEVELOPMENT
190 RIDGE ROAD
WORTHINGTON, MA 01098

TITLE: ACCESS ROAD TOPOGRAPHIC PROFILE ANALYSIS

CLIENT: BWC WADES STREAM, LLC

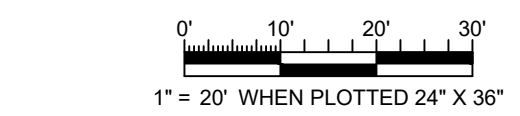
SEAL:

DESIGNED BY:	DRAWN BY:
OAC	MRB
CHECKED BY:	SCALE:
APV	AS SHOWN
PROJECT NUMBER: US-EI-365230438	
DRAWING NUMBER: C-103	
SHEET NUMBER: 5 OF 9	



NOTES:

- ELECTRICAL DESIGN, INCLUDING UTILITY POLES, PERFORMED BY OTHERS. ELECTRICAL EQUIPMENT AND COMPONENTS SHOWN TO ILLUSTRATE LOCATIONS ONLY. REFER TO ELECTRICAL DRAWINGS FOR DETAILED ELECTRICAL SYSTEM.
- ALL AREAS WITHIN LIMIT OF DISTURBANCE TO BE SEEDED AS SPECIFIED IN THE SEEDING & REVEGETATION PLAN ON SHEET G-001.



- LEGEND:**
- EXISTING:**
- PROPERTY LINE
 - INTERNAL PROPERTY LINE
 - ABUTTER'S PROPERTY LINE
 - RIGHT OF WAY
 - PROPERTY LINE SETBACK
 - BUILDING
 - ASPHALT
 - GRAVEL
 - STONE WALL
 - EDGE OF VEGETATION
 - EDGE OF GRASS
 - TRAIL
 - EDGE OF WETLAND
 - WETLAND FLAG
 - WATERBODY
 - BUFFER
 - FEMA FLOOD ZONE "A"
 - OVERHEAD WIRE
 - CULVERT
 - UTILITY POLE
 - BOUNDARY EVIDENCE
 - CONTROL POINT
- PROPOSED:**
- LOW LIMIT OF WORK
 - 1670 MAJOR CONTOUR
 - MINOR CONTOUR
 - FIXED KNOT GAME FENCE
 - DOUBLE SWING GATE
 - SLIDING GATE
 - OHE OVERHEAD ELECTRIC
 - SB SEDIMENT BARRIER
 - EC ELECTRICAL CONDUIT
 - ACCESS ROAD
 - CONCRETE PAD
 - SOLAR PV ARRAY
 - UTILITY POLE
 - CULVERT
 - INFILTRATION TRENCH
 - PERVIOUS BERM
 - VEGETATED FILTER STRIP
 - CONVEYANCE CHANNEL
 - RIPRAP APRON

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ISSUE / REVISION DESCRIPTION		ISSUED	APPROVED
	RESUBMITTED PER TOWN OF WORTHINGTON PLANNING BOARD COMMENTS	MRB	OAC
	ISSUED FOR PERMITTING NOT FOR CONSTRUCTION	MRB	OAC

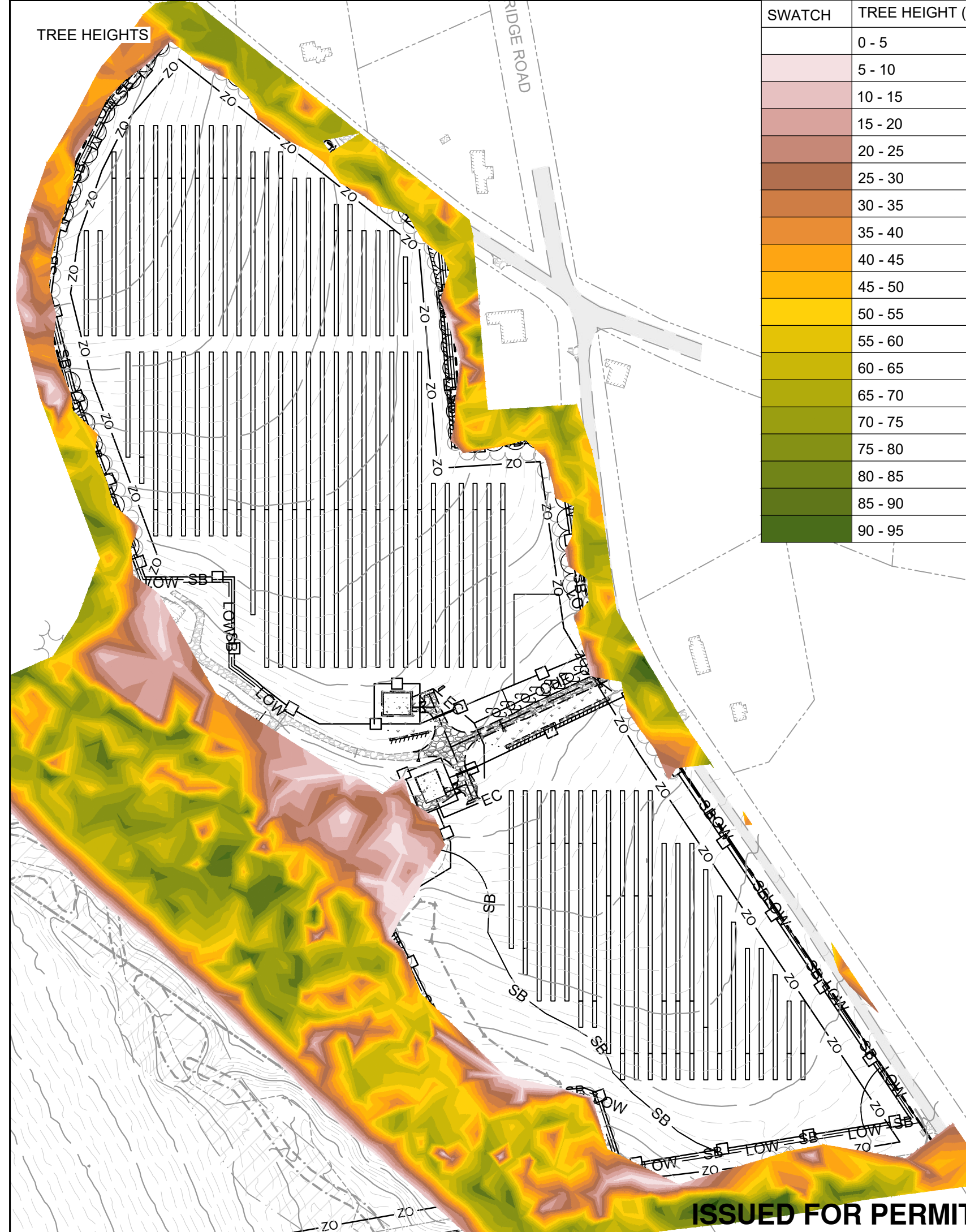
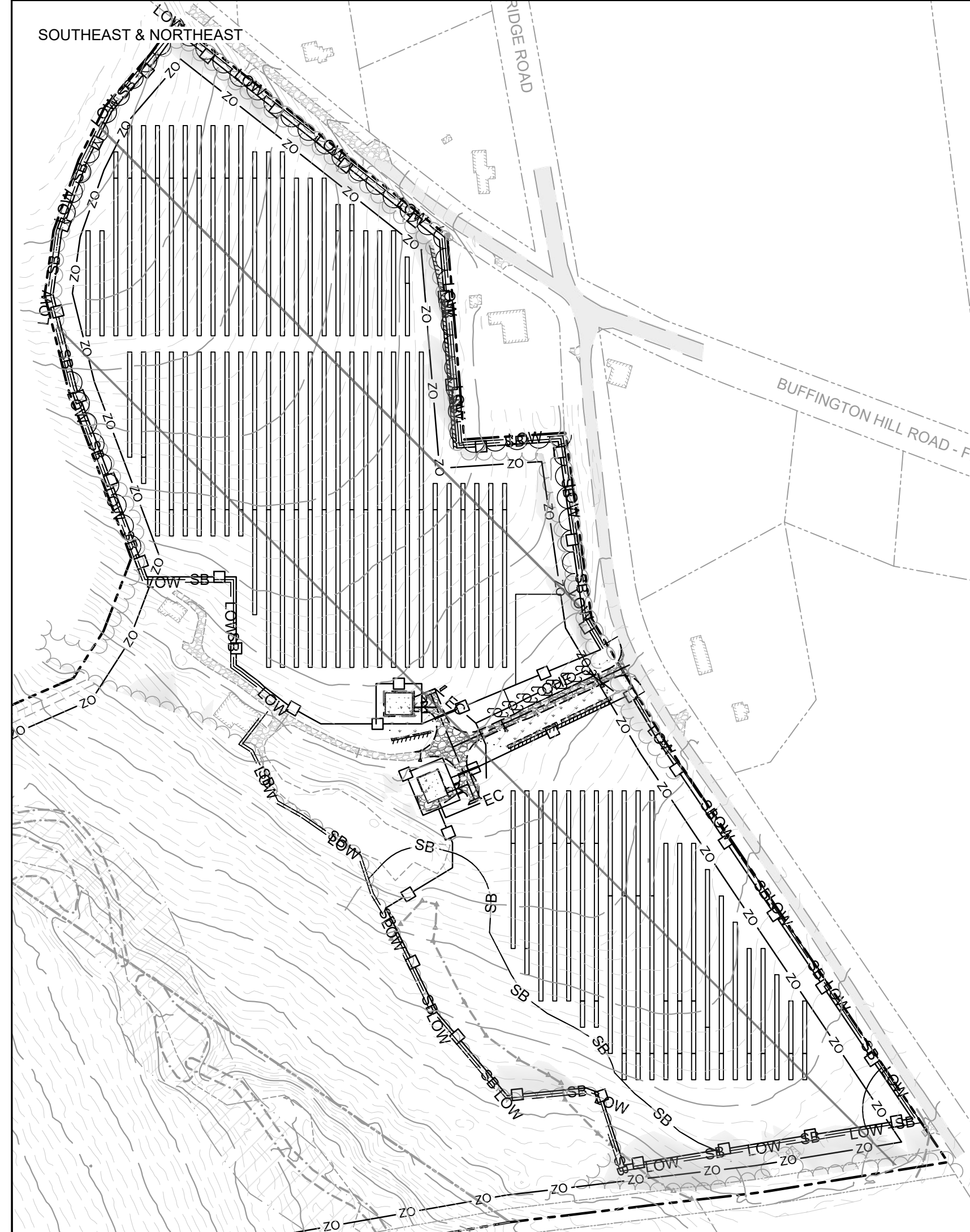
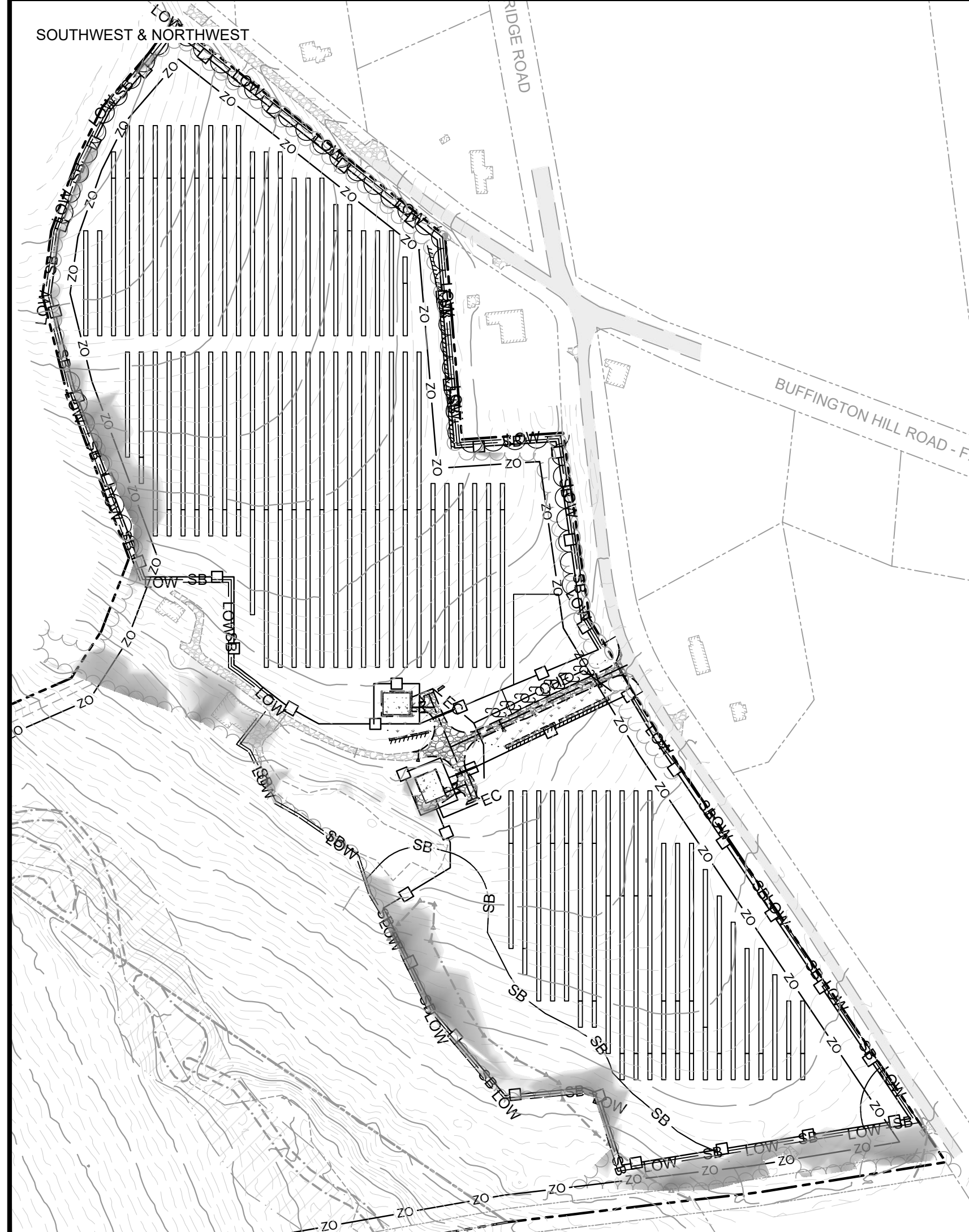
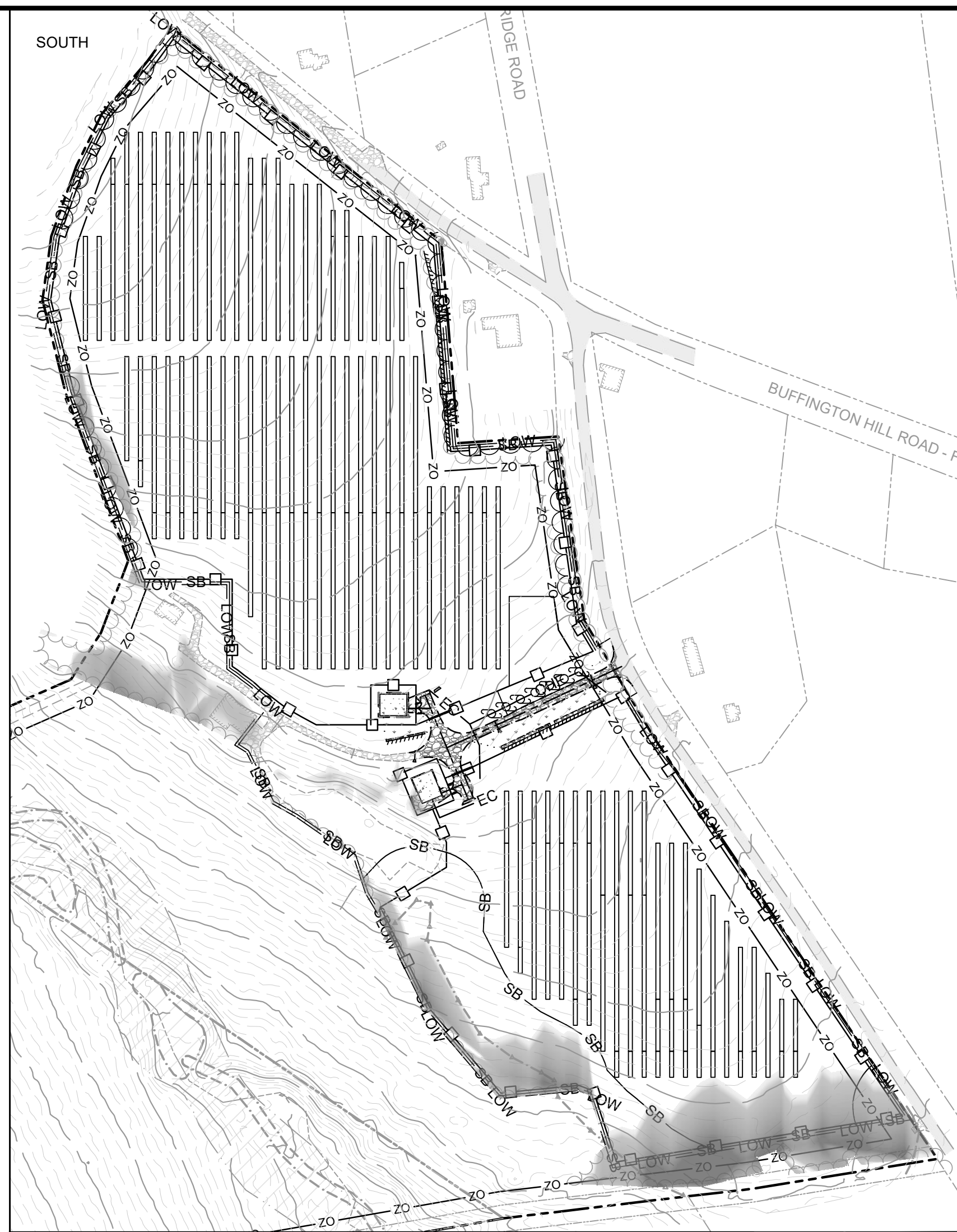
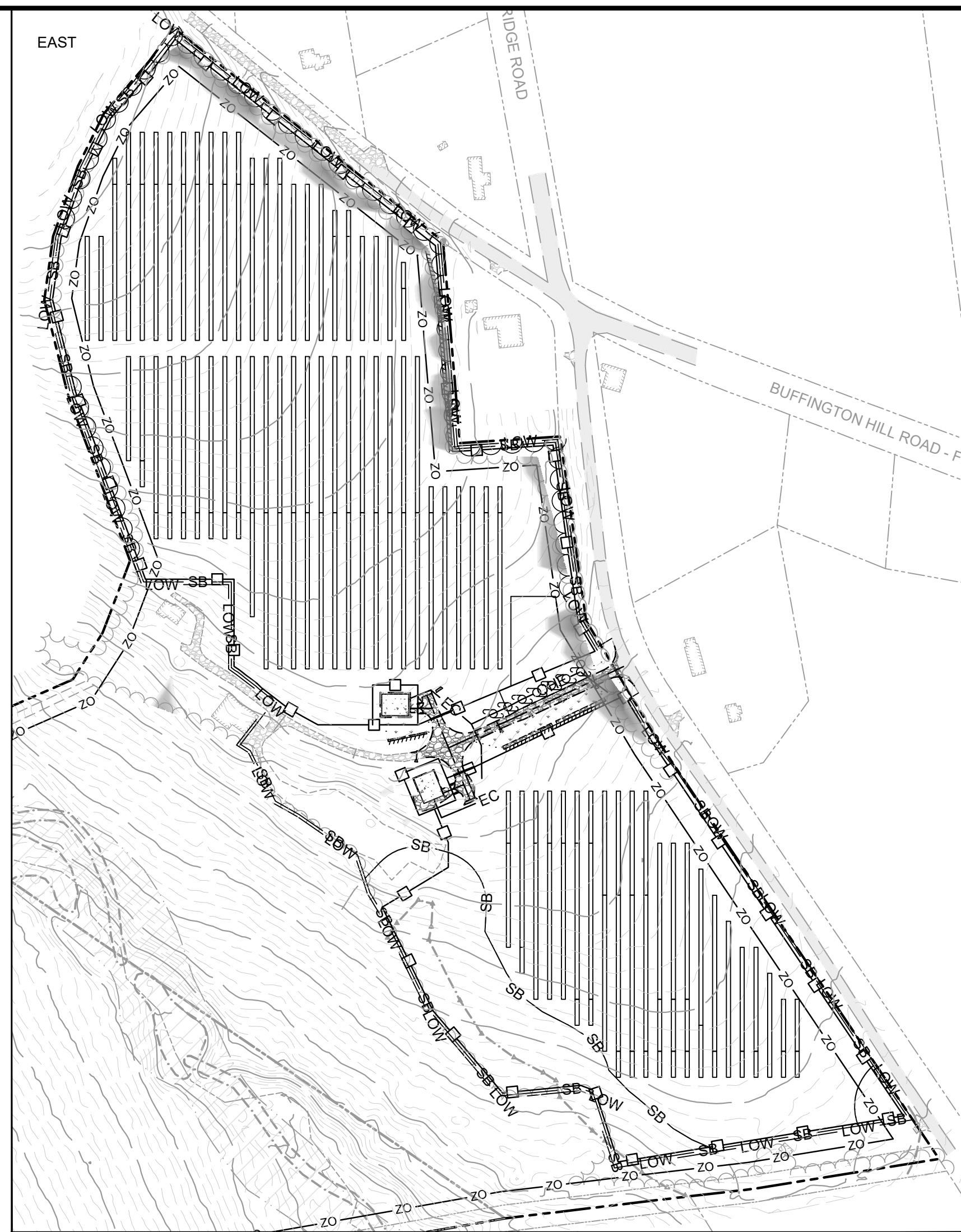
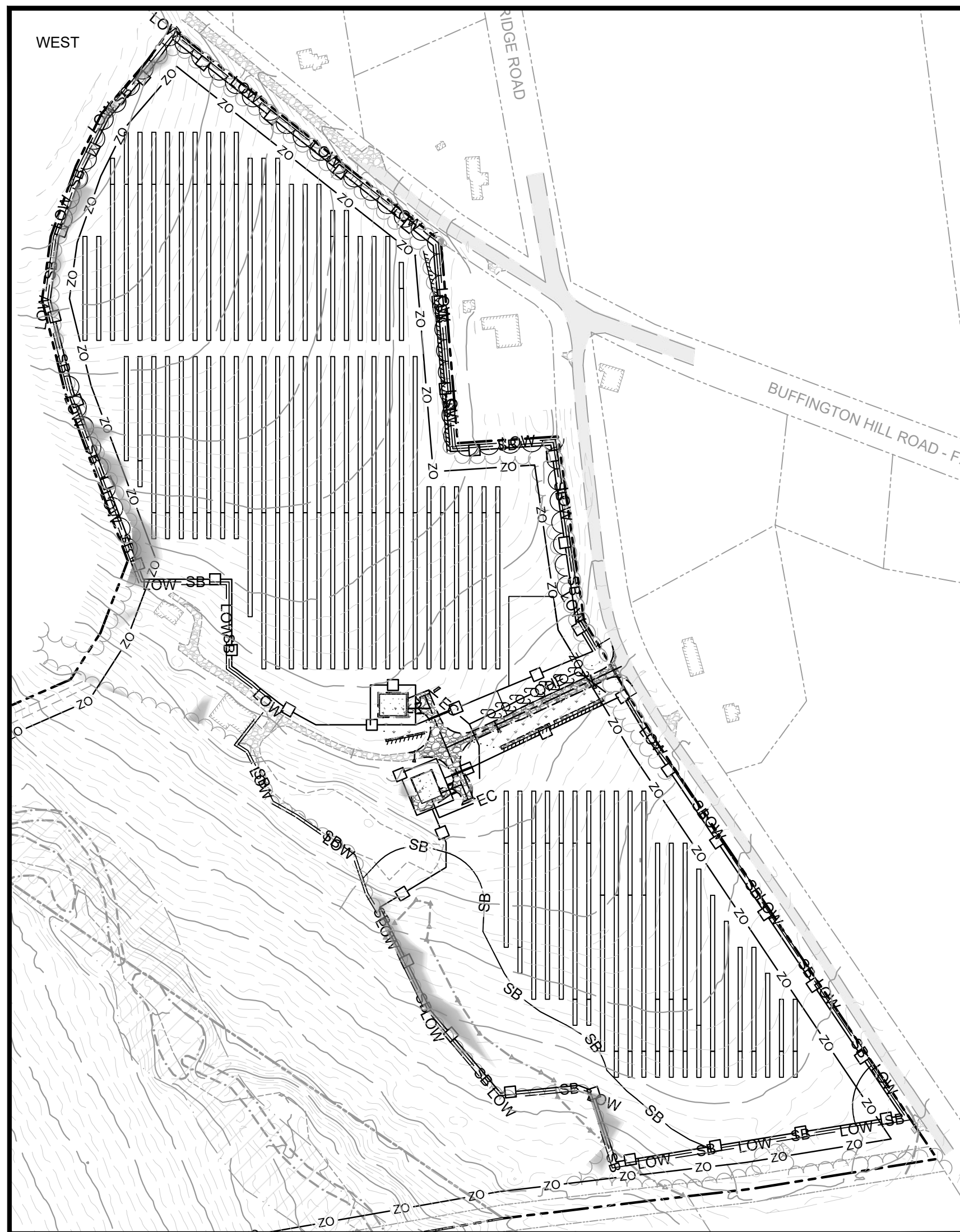
REVISION	DATE
1	10/21/2025
0	09/23/2025

PROJECT: 2.0 MW AC GROUND-MOUNT SOLAR PV DEVELOPMENT
190 RIDGE ROAD
WORTHINGTON, MA 01098

TITLE: EQUIPMENT PADS

CLIENT: BWC WADES STREAM, LLC

DESIGNED BY: OAC	DRAWN BY: MRB
CHECKED BY: APV	SCALE: AS SHOWN
PROJECT NUMBER: US-EI-365230438	
DRAWING NUMBER: C-104	
SHEET NUMBER: 6 OF 9	



- NOTES:
1. IDEAL SHADING SETBACKS:
 - 1.1. SOUTHERN TREES: 3X TREE HEIGHT
 - 1.2. EAST& WEST TREES: 2.5X TREE HEIGHT
 - 1.3. SOUTHWEST & SOUTHEAST TREES: 3X TREE HEIGHT
 - 1.4. NORTHWEST AND NORTHEAST TREES: 0.85X TREE HEIGHT

- | | |
|------------------|-------------------------|
| LEGEND: | |
| EXISTING: | |
| ---- | INTERNAL PROPERTY LINE |
| ---- | INTERNAL PROPERTY LINE |
| ---- | ABUTTER'S PROPERTY LINE |
| ---- | RIGHT OF WAY |
| 20 | PROPERTY LINE SETBACK |
| [Pattern] | BUILDING |
| [Pattern] | ASPHALT |
| [Pattern] | GRAVEL |
| [Pattern] | STONE WALL |
| [Pattern] | EDGE OF VEGETATION |
| [Pattern] | EDGE OF GRASS |
| ---- | TRAIL |
| ---- | EDGE OF WETLAND |
| ▲ | WETLAND FLAG |
| ---- | WATERBODY |
| ---- | BUFFER |
| ---- | FEMA FLOOD ZONE "A" |
| OH | OVERHEAD WIRE |
| ---- | CULVERT |
| ○ | UTILITY POLE |
| ● | BOUNDARY EVIDENCE |
| ● | CONTROL POINT |

- PROPOSED:
- | | |
|------------|---------------|
| —— LOW —— | LIMIT OF WORK |
| —— 1670 —— | MAJOR CONTOUR |
| - - - - - | MINOR CONTOUR |

- □ — FIXED KNOT GAME FENCE
- | | |
|-------|-------|
| 10 | 17 |
| C-501 | C-502 |

- DOUBLE SWING GATE
- $\left(\frac{7,11}{C-501} \right)$

- SLIDING GATE (9 / C-501)

- OHE — OVERHEAD ELECTRIC

- SB SEDIMENT BARRIER (4/C-501)

- 2

- EC ELECTRICAL CONDUIT C-501

- 
- ACCESS ROAD

- [illegible]

- CONCRETE PAD (C-501)

-
- SOLAR PV ARRAY

- UTILITY POLE

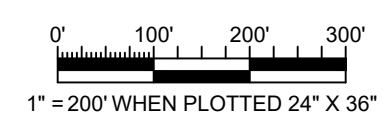
- CULVERT 

- 12

- INFILTRATION TRENCH

- PERVIOUS BERM (12,16 / C-502)

SWATCH	TREE HEIGHT (FT)
	0 - 5
	5 - 10
	10 - 15
	15 - 20
	20 - 25
	25 - 30
	30 - 35
	35 - 40
	40 - 45
	45 - 50
	50 - 55
	55 - 60
	60 - 65
	65 - 70
	70 - 75
	75 - 80
	80 - 85
	85 - 90
	90 - 95



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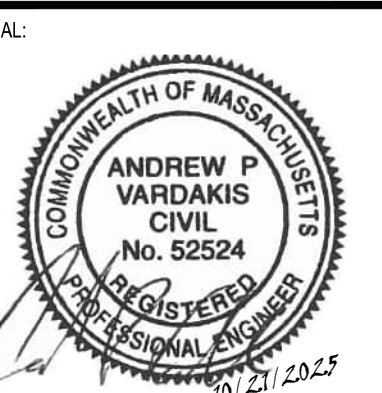
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WEB: WWW.WSP.COM

[illegible]

190 RIDGE ROAD
WORTHINGTON, MA 01098

SHADOW ANALYSIS OF PROPOSED CONDITIONS

BWC WADES
STREAM, LLC



DESIGNED BY: AC	DRAWN BY: MRB
CHECKED BY: PV	SCALE: AS SHOWN

PROJECT NUMBER:	US-EI-365230438	MCDWA
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DRAWING NUMBER:
C-105

SHEET NUMBER:

7 OF 9

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