

## GENERAL NOTES

1. ALL DIMENSIONS, ELEVATIONS, AND EXISTING CONDITIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. ANY DISCREPANCIES DISCOVERED DURING THE COURSE OF CONSTRUCTION SHALL BE PROMPTLY REPORTED TO THE ENGINEER.
2. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING, PRIOR TO BIDDING, THE LOCATIONS OF ALL UTILITIES AND SHALL BE RESPONSIBLE FOR ALL DAMAGE TO SAID UTILITIES. THE CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG" (1-800-922-4455), AT LEAST 72 HOURS PRIOR TO STARTING CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE ACTIVITIES WITH INDIVIDUAL UTILITY COMPANIES.
3. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT PROPER STORM DRAINAGE IS MAINTAINED THROUGHOUT CONSTRUCTION.
4. ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED AND MAINTAINED ON A REGULAR BASIS AS OUTLINED HEREIN. INSPECTION AND MAINTENANCE SHALL BE CARRIED OUT THROUGHOUT THE CONSTRUCTION PERIOD UNTIL ALL DISTURBED AREAS ARE STABILIZED WITH VEGETATION OR PAVING. THE MINIMUM INSPECTION PERIOD SHALL BE WEEKLY AND AFTER MAJOR STORMS.
5. CONSTRUCTION ACTIVITIES SHALL CONFORM TO APPLICABLE SECTIONS OF THE CITY OF MILFORD, WEST HAVEN, AND NEW HAVEN AND THE TOWN OF ORANGE, CONNECTICUT STANDARDS AND APPLICABLE SECTIONS OF THE CONNECTICUT DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, AND INCIDENTAL CONSTRUCTION," FORM 818, AS AMENDED.

**MARCH 2023**

# SOIL EROSION & SEDIMENTATION CONTROL PLAN MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115kV REBUILD PROJECT

**MILFORD, ORANGE, WEST HAVEN,  
NEW HAVEN, CONNECTICUT**

**HRP PROJECT NO. UNI9212.EE**

**Prepared By:**



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**Prepared For:**

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## SHEET INDEX

SERIES	SHEET	TITLE / DESCRIPTION	CREATED	REVISED
GN1.0	01	TITLE	03/15/2023	
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### SEDIMENTATION AND EROSION CONTROL PLAN

**GENERAL**  
 THE PLAN PROPOSES EROSION CONTROL MEASURES TO ADEQUATELY CONTROL ACCELERATED EROSION AND SEDIMENTATION AND REDUCE THE DANGER FROM STORM WATER RUNOFF AT THE SITE. THE RUNOFF SHALL BE CONTROLLED BY THE INTERCEPTION, DIVERSION, AND SAFE DISPOSAL OF PRECIPITATION. RUNOFF SHALL ALSO BE CONTROLLED BY STAGING CONSTRUCTION ACTIVITY AND PRESERVING NATURAL VEGETATION WHENEVER POSSIBLE.

EXISTING VEGETATION SHALL BE PROTECTED AND ONLY THAT CLEARING AND GRUBBING ABSOLUTELY NECESSARY FOR THE PROPOSED CONSTRUCTION SHALL BE PERFORMED. ALL DISTURBED AREAS SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AND CONTOUR, UNLESS OTHERWISE INDICATED ON THE PLANS. THE CONTRACTOR SHALL TAKE A SPECIAL CARE WITH HIS CONSTRUCTION METHODS AND SHALL COMPLY WITH THE FOLLOWING GUIDELINES.

EROSION AND SEDIMENTATION CONTROLS ARE PROPOSED IN AREAS WHERE SUBSURFACE DISTURBANCE IS ANTICIPATED. EXISTING VEGETATION CLEARING IS EXPECTED TO BE LIMITED TO NON-STUMPING ACTIONS IN AREAS WHERE EROSION AND SEDIMENTATION CONTROLS ARE NOT PROPOSED.

REFERENCE IS MADE TO THE 2002 "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL", AS AMENDED. THE GUIDELINES ARE OBTAINABLE FROM THE CONNECTICUT COUNCIL ON SOIL AND WATER CONSERVATION, STATE OFFICE BUILDING, HARTFORD, CONNECTICUT, AND SHOULD BE USED AS A REFERENCE IN CONSTRUCTING THE EROSION AND SEDIMENT CONTROLS INDICATED ON THESE PLANS.

**SEDIMENTATION CONTROL**

ALL AREAS SHALL BE PROTECTED FROM SEDIMENTATION DURING AND AFTER CONSTRUCTION, PARTICULARLY THE STORAGE OF EXCAVATED OR STOCKPILED MATERIAL. THE CONTRACTOR SHALL CAREFULLY STRIP ALL TOPSOIL, LOAM, OR ORGANIC MATTER PRIOR TO TRENCHING OR OTHER OPERATION, AND SHALL STORE THEM SEPARATELY FROM ALL OTHER MATERIALS DURING EXCAVATION. EACH STOCKPILE MUST BE ADEQUATELY RINGED WITH SEDIMENT CONTROL MATERIAL (I.E. HAY BALES AND/OR GEOTEXTILE).

STABILIZING OF SLOPES SHALL BE DONE IMMEDIATELY AFTER CONSTRUCTION OF SLOPES. SLOPES STEEPER THAN 2:1 SHALL BE PROTECTED WITH JUTE MESH EROSION PROTECTION. ALL OTHER AREAS SHALL BE MULCHED WITH HAY OR STRAW AS REQUIRED UNDER TURF ESTABLISHMENT.

**EROSION CONTROL PLAN**

SEDIMENTATION CONTROL SYSTEM - THE SEDIMENTATION CONTROL SYSTEM SHALL CONSIST OF GEOTEXTILE BARRIER FENCE OR STACKED HAY BALES.

GEOTEXTILE BARRIER FENCE - THE SEDIMENTATION CONTROL SYSTEM SHALL BE INSTALLED IMMEDIATELY AFTER A CUT SLOPE HAS BEEN GRADED, BEFORE A FILL SLOPE HAS BEEN CREATED AND AS INDICATED ON THE PLANS. THE SYSTEM IS DESIGNED TO INTERCEPT SILT AND SEDIMENT BEFORE IT REACHES THE WETLAND AREAS, OR WATERCOURSES. DEPOSITS OF SEDIMENT AND SILT ARE TO BE PERIODICALLY REMOVED FOR THE UPSTREAM SIDE OF THE FENCE. THIS MATERIAL IS TO BE SPREAD AND STABILIZED IN AREAS NOT SUBJECT TO EROSION, OR IN AREAS WHICH ARE NOT TO BE PAVED OR BUILT ON. THE SEDIMENTATION CONTROL SYSTEM AREAS IS TO BE REPLACED AS NECESSARY TO PROVIDE PROPER FILTERING ACTION. THE SYSTEM IS TO REMAIN IN PLACE AND BE MAINTAINED TO INSURE EFFICIENT SILTATION CONTROL UNTIL ALL AREAS ABOVE THE FENCE ARE STABILIZED AND VEGETATION HAS BEEN ESTABLISHED.

STACKED HAY BALES - HAY OR STRAW BALES USED FOR EROSION CONTROL SHALL BE PLACED AS INDICATED ON THE PLANS, STACKED AT CATCH BASINS WHERE SEDIMENT MAY ENTER THE CATCH BASINS, OR AS DIRECTED BY THE RESIDENT ENGINEER. DEPOSITS OF SEDIMENT AND SILT ARE TO BE PERIODICALLY REMOVED FROM THE UPSTREAM SIDE OF THE EROSION CHECKS. THIS MATERIAL IS TO BE SPREAD AND STABILIZED IN AREAS NOT SUBJECT TO EROSION, OR IN AREAS WHICH ARE NOT TO BE BUILT OR PAVED ON. HAY OR STRAW BALES ARE TO BE REPLACED AS NECESSARY TO PROVIDE PROPER FILTERING ACTION. EROSION CHECKS ARE TO REMAIN IN PLACE AND MAINTAINED TO ENSURE EFFICIENT SILTATION CONTROL UNTIL ALL AREAS ABOVE THE EROSION CHECKS ARE STABILIZED AND VEGETATION HAS BEEN ESTABLISHED.

IN ALL AREAS, REMOVAL OF TREES, BUSHES AND OTHER VEGETATION, AND DISTURBANCE OF THE SOIL, IS TO BE KEPT TO AN ABSOLUTE MINIMUM WHILE ALLOWING PROPER DEVELOPMENT OF THE SITE.

DURING CONSTRUCTION, AS SMALL AN AREA OF SOIL AS POSSIBLE SHOULD BE EXPOSED FOR AS SHORT A TIME AS POSSIBLE. AFTER CONSTRUCTION, GRADE, RESPREAD TOPSOIL, AND STABILIZE SOIL BY SEEDING AND MULCHING SO AS TO PREVENT EROSION.

**SEDIMENTATION AND EROSION CONTROL MAINTENANCE PROCEDURES**

ALL SEDIMENTATION AND EROSION CONTROL DEVICES SHALL BE INSPECTED DURING CONSTRUCTION ON A WEEKLY BASIS, AND FOLLOWING ALL STORMS, BY THE ENGINEER. THE CONTRACTOR SHALL MAINTAIN AND MAKE REPAIRS AND REMOVE SEDIMENT AS REQUESTED BY THE ENGINEER. THIS WORK SHALL BE PERFORMED WITH 24 HOURS OF THE REQUEST AND THERE SHALL BE NO SEPARATE PAYMENT FOR THIS WORK.

THE CONTRACTOR SHALL CLEAN SEDIMENT AND DEBRIS FROM ALL DRAINAGE STRUCTURES AND PIPES AT THE COMPLETION OF CONSTRUCTION, AND AS REQUESTED BY THE ENGINEER TO KEEP THE SYSTEM FUNCTIONING PROPERLY DURING CONSTRUCTION. THE CONTRACTOR SHALL SWEEP ADJACENT ROADWAYS AS REQUIRED OR REQUESTED BY THE ENGINEER. FOLLOWING COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL REPAIR ALL ERODED AREAS AND ENSURE A GOOD STAND OF TURF IS ESTABLISHED THROUGHOUT. THE CONTRACTOR SHALL REPAIR ALL ERODED OR DISPLACED RIPRAP, AND CLEAN SEDIMENT COVERED STONES.

### TOPSOILING

APPLY TOPSOIL IN PERMANENT SEEDING SITUATIONS ACCORDING TO THE GUIDELINES SET FORTH IN THE SEEDBED PREPARATION SECTION 5-3-6 OF THE MOST CURRENT CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL MANUAL.

RECOMMENDED TOPSOILING MEASURES INCLUDED (AS PROVIDED IN THE ABOVE MENTIONED MANUAL) :  
 APPLYING FERTILIZER AND GROUND LIMESTONE ACCORDING TO SOIL TESTS CONDUCTED BY THE UNIVERSITY OF CONNECTICUT SOIL TESTING LABORATORY OR OTHER RELIABLE SOURCE. A pH RANGE OF 6.2 TO 7.0 IS OPTIONAL FOR PLANT GROWTH OF MOST GRASS SPECIES.

WHERE SOIL TESTING IS NOT FEASIBLE ON SMALL OR VARIABLE SITES, OR WHERE TIMING IS CRITICAL, FERTILIZER MAY BE APPLIED AT A RATE OF 300 POUNDS PER ACRE OR 7.5 POUNDS PER 1,000 SQUARE FEET USING 10-10-10 OR EQUIVALENT AND LIMESTONE AT 4 TONS PER ACRE OR 200 POUNDS PER 1,000 SQUARE FEET. ADDITIONALLY, LIME MAY BE APPLIED USING RATES GIVEN IN THE TABLE BELOW. A pH OF 6.2 TO 7.0 IS OPTIMAL.

FOR AREAS THAT WERE PREVIOUSLY MULCHED WITH WOOD CHIPS OR BARK AND THE WOOD CHIPS OR BARK ARE TO BE INCORPORATED INTO THE SOIL, APPLY ADDITIONAL NITROGEN AT A RATE THAT IS DETERMINED BY SOIL TESTS AT TIME OF SEEDING.

WORK LIME AND FERTILIZER INTO THE SOIL TO A DEPTH OF 3 INCHES WITH A DISC OR OTHER SUITABLE EQUIPMENT.

SOIL TEXTURE	TONS /ACRE		LBS /1000 SF	
	OF LIME	OF LIME	OF LIME	OF LIME
CLAY, CLAY LOAM, AND HIGH ORGANIC SOIL	3	135		
SANDY LOAM, LOAM, SILT LOAM	2	90		
LOAM SAND, SAND	1	45		

### SEEDING SCHEDULE

A TEMPORARY STAND OF GRASS AND/OR LEGUMES WILL BE PROVIDED ON ALL AREAS OF THE SITE EXPOSED FOR A PERIOD GREATER THAN 1 MONTH BUT LESS THAN 12 MONTHS. REFER TO FIGURE TS-2 IN THE 2002 CONNECTICUT GUIDELINES FOR SOIL AND SEDIMENT CONTROL FOR TEMPORARY SEEDING RATES AND DATES.

PERMANENT SEEDING FOR ESTABLISHING VEGETATION ON DISTURBED AREAS IN NON-WETLAND AREAS SHALL USE EITHER OF THE FOLLOWING MIXTURES:

SEED MIXTURE #1	LBS /ACRE	LBS /1000 SF
KENTUCKY BLUEGRASS	20	0.45
CREeping RED FESCUE (PENNLAWN, WINTERGREEN)	20	0.45
PERENNIAL RYEGRASS (NORLEA, MANHATTEN)	5	0.10
	45	1.00
SEED MIXTURE #2	LBS /ACRE	LBS /1000 SF
CHEWINGS FESCUE	35	0.80
HARD FESCUE	30	0.70
COLONIAL BENTGRASS	5	0.10
CANADA WILDRYE (ELYMUS CANADENSIS)	10	0.20
PERENNIAL RYEGRASS	20	0.50
	100	2.30

PERMANENT SEEDING FOR ESTABLISHING VEGETATION ON DISTURBED AREAS IN WETLAND AREAS SHALL USE THE FOLLOWING MIXTURE:

NEW ENGLAND CONSERVATION WILDLIFE MIX (NEW ENGLAND WETLAND PLANTS INC) SHOULD BE USED AT A RATE OF 25 LBS/ACRE OR 1.0LB / 1,750 SF

NEW ENGLAND CONSERVATION WILDLIFE MIX  
 MIXTURE CONTAINS:

BIG BLUESTEM	20%
LITTLE BLUESTEM	20%
SWITCHGRASS	20%
FOX SEDGE	10%
SILKY WILD RYE	8%
COMMON MILKWEEED	5%
DEERTONGUE	5%
PENNSYLVANIA SMARTWEEED	5%
PARTRIDGE PEA	4%
SILKY SMOOTH ASTER	1.5%
NODDING BUR-MARIGOLD	1.0%
FLAT TOP ASTER	0.5%
	100%



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REVIEWED BY:	KAM

ISSUE DATE:	03/15/2023
PROJECT NUMBER:	UNI9212.EE
SHEET SIZE:	11"x17"

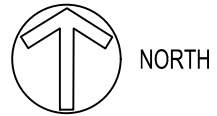
**GENERAL NOTES**  
 MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
 MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

SHEET NO.  
**GN1.0**  
 SHEET 01 OF 67

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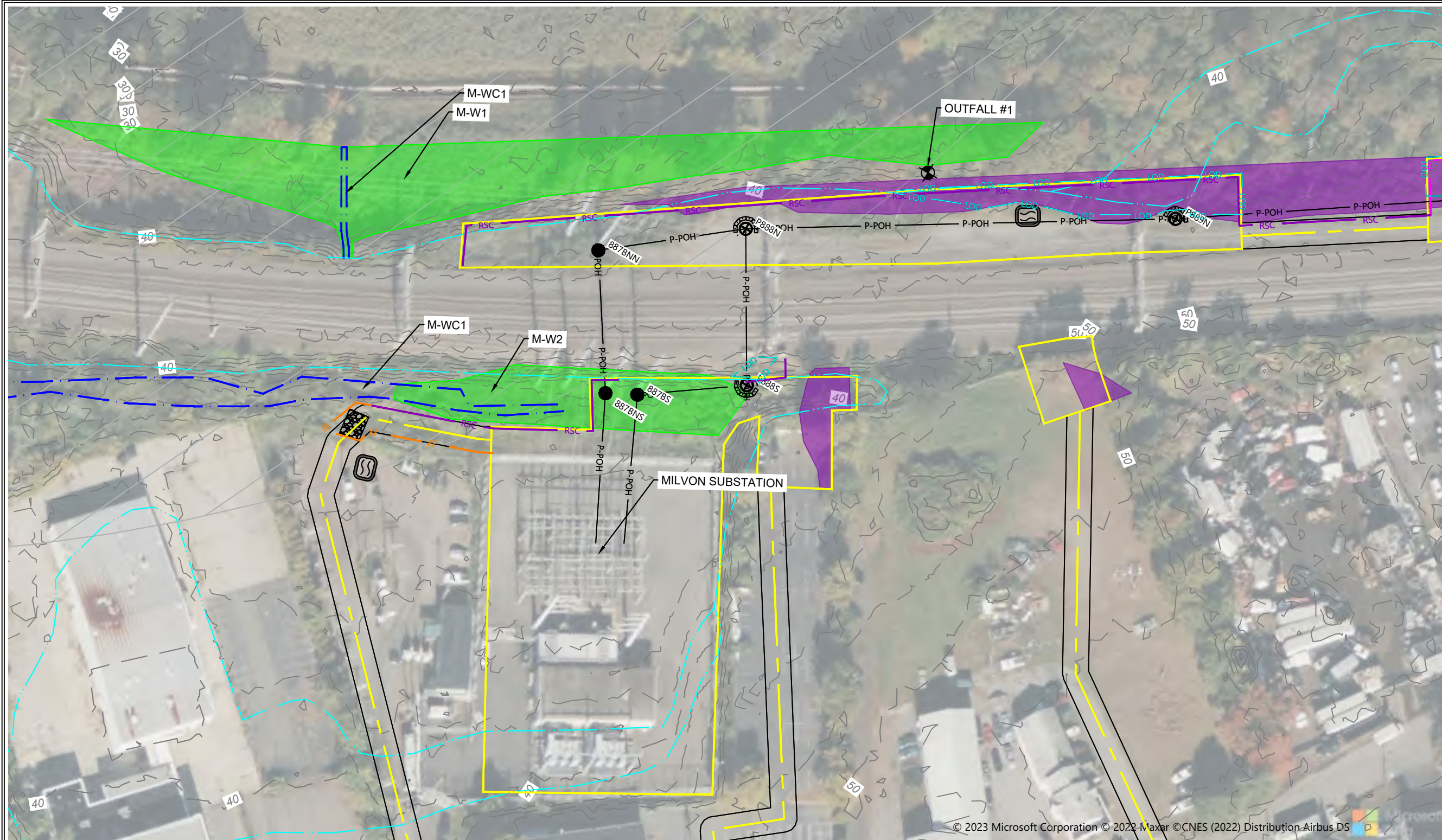
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**CORRIDOR OVERVIEW**  
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 MILFORD, ORANGE, WEST HAVEN, NEW HAVEN,  
 CONNECTICUT

SHEET NO.  
**C1.0**  
 SHEET 02 OF 67

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SHEET 03 OF 67

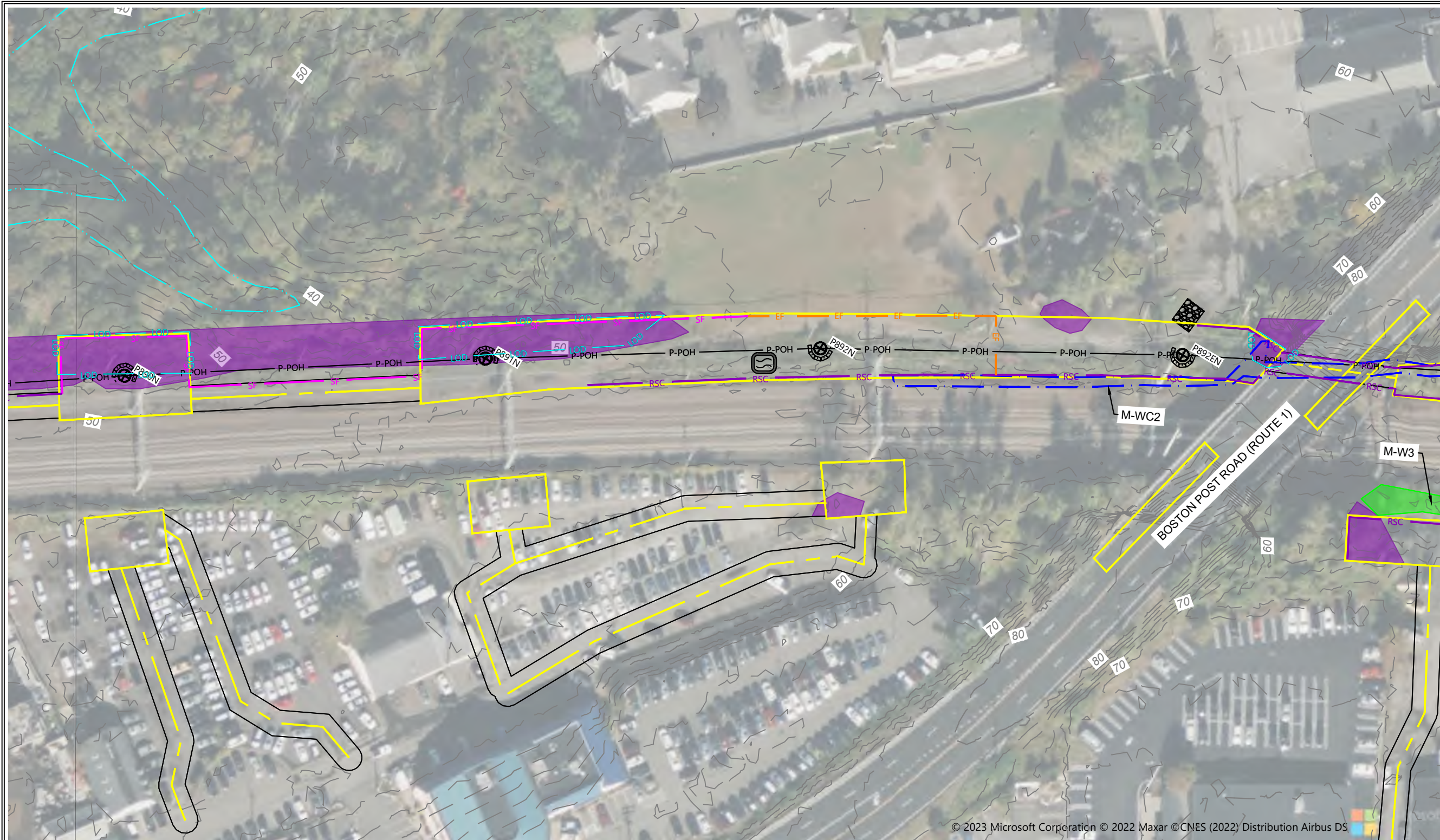
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|--|---|--|--|--|---------------------------------|--|------------------|
|  | ROCK CONSTRUCTION ENTRANCE              |  | PROPOSED TRANSMISSION POLE                       |  | FIELD DELINEATED TIDAL WETLAND  |  | OUTFALL LOCATION |
|  | CONCRETE WASHOUT                        |  | EXISTING TRANSMISSION POLE                       |  | FIELD DELINEATED WETLAND        |  |                  |
|  | CATCH BASIN INLET PROTECTION            |  | PROPOSED TRANSMISSION CENTER LINE                |  | FIELD DELINEATED STREAM         |  |                  |
|  | HAY BALE SEDIMENT PROTECTION            |  | LIMIT OF DISTURBANCE - MAT ALL AREA WITHIN LIMIT |  | FIELD DELINEATED TIDAL STREAM   |  |                  |
|  | SEDIMENT BARRIER                        |  | PROPOSED TEMPORARY ACCESS ROAD                   |  | FLOODPLAIN                      |  |                  |
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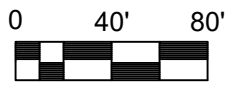
**NOTES:**  
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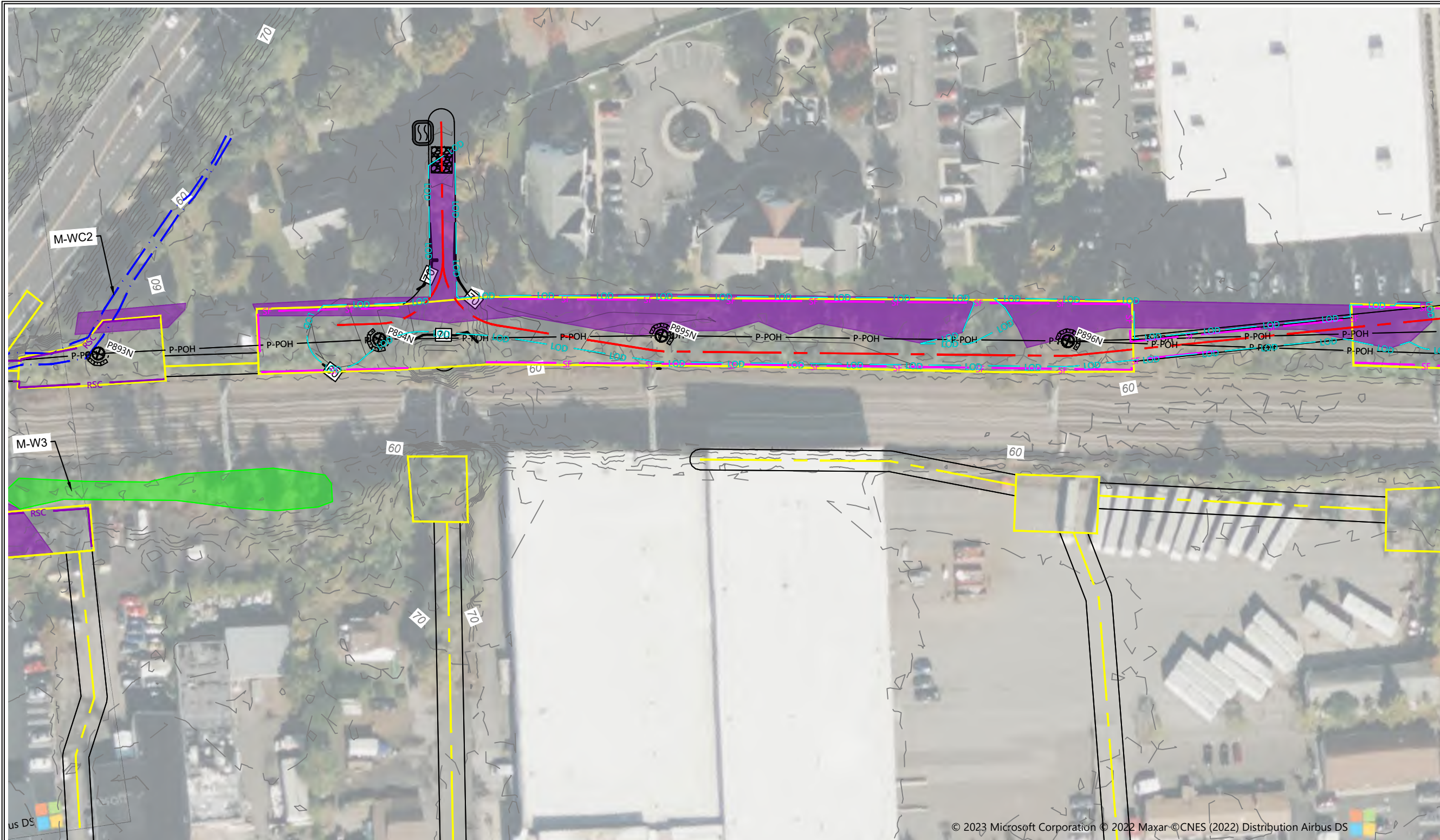
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SHEET 04 OF 67

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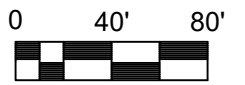
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|  | ROCK CONSTRUCTION ENTRANCE              |  | PROPOSED TRANSMISSION POLE                       |  | FIELD DELINEATED TIDAL WETLAND  |  | OUTFALL LOCATION |
|  | CONCRETE WASHOUT                        |  | EXISTING TRANSMISSION POLE                       |  | FIELD DELINEATED WETLAND        |  |                  |
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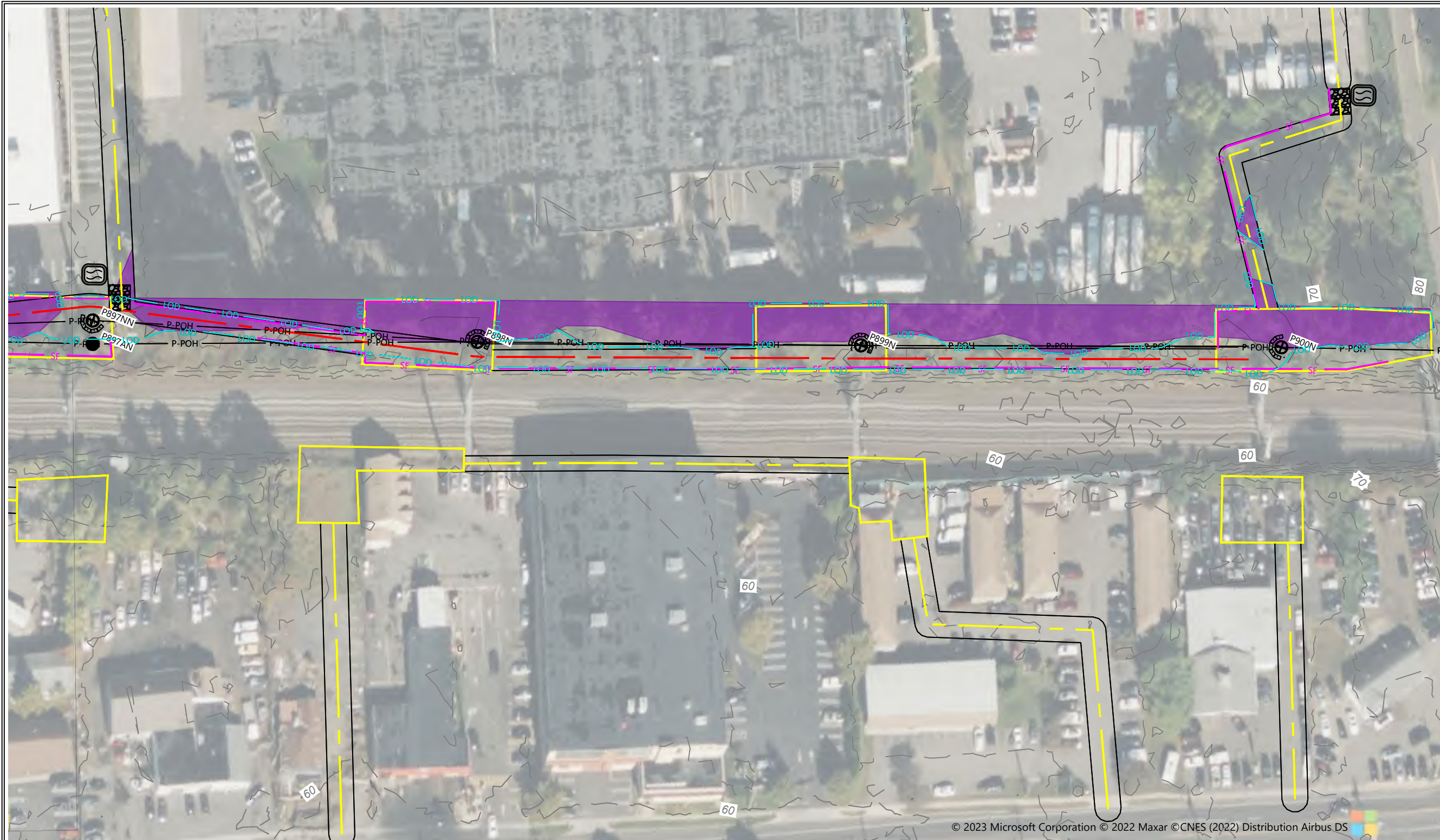
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SHEET 05 OF 67

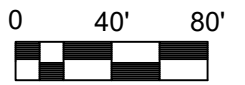
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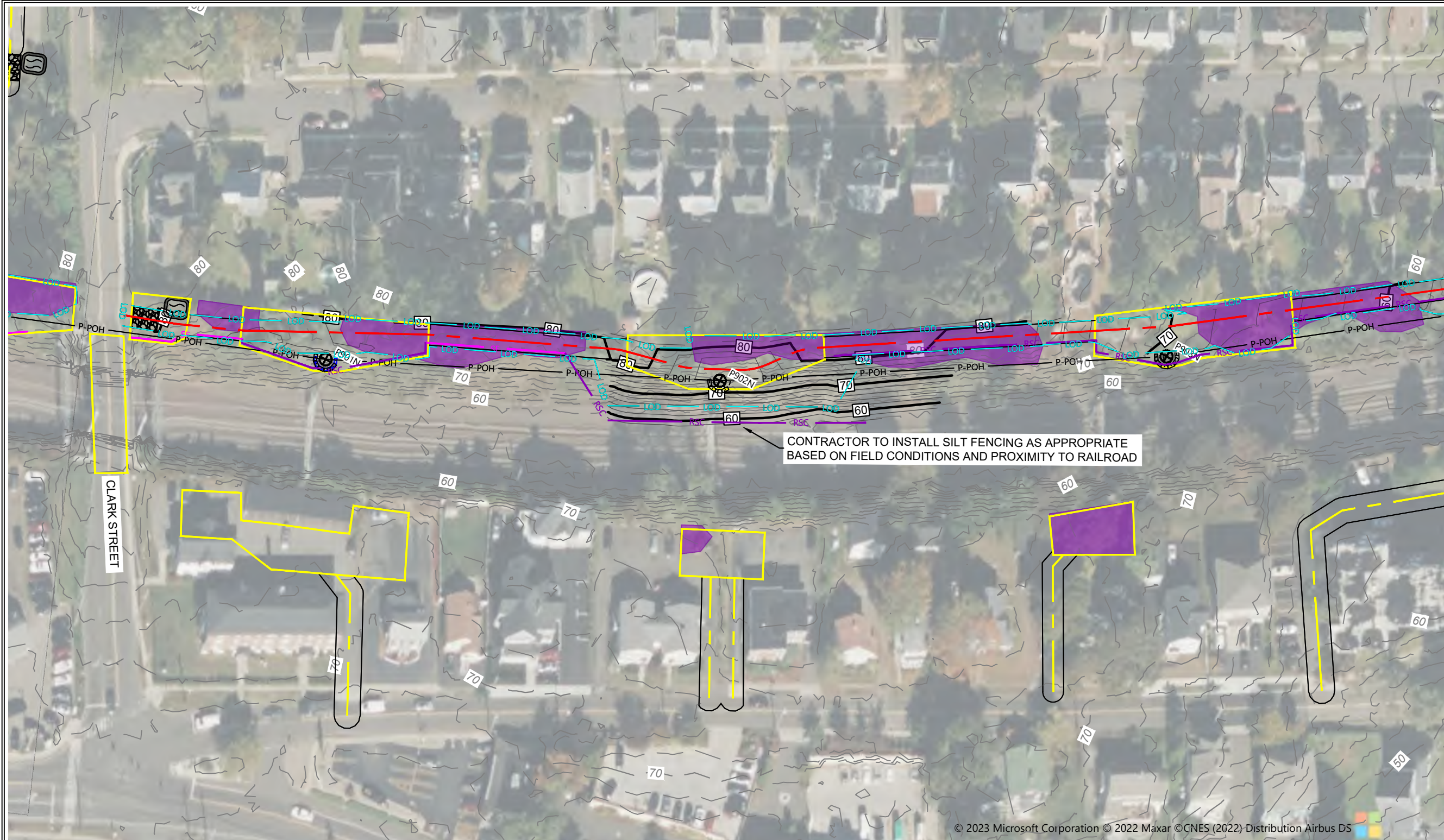
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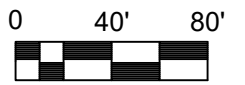
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**SHEET NO. C1.1**  
SHEET 07 OF 67

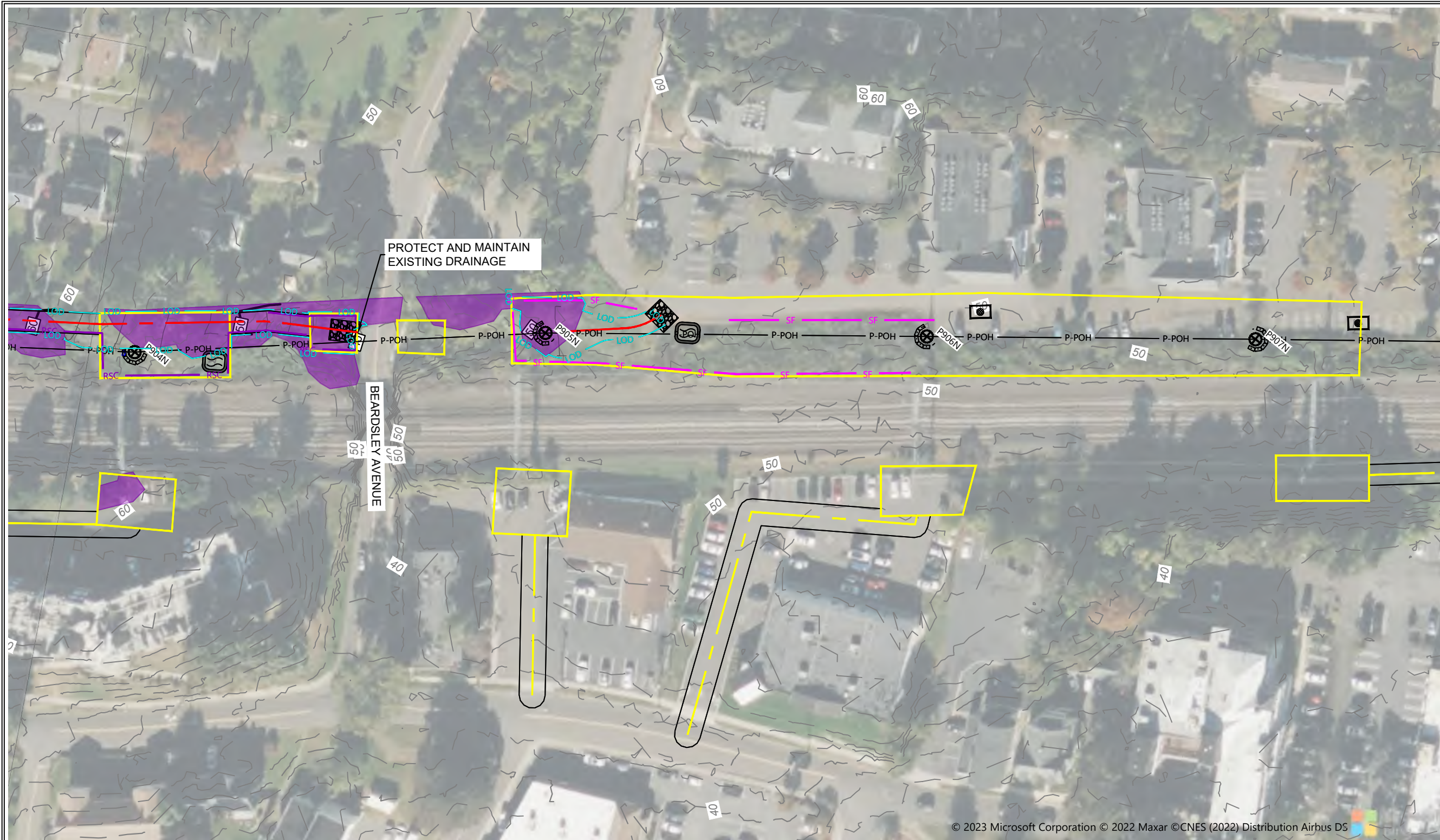
**LEGEND**

- |  |   |  |  |  |                                 |  |                  |
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|  | ROCK CONSTRUCTION ENTRANCE              |  | PROPOSED TRANSMISSION POLE                       |  | FIELD DELINEATED TIDAL WETLAND  |  | OUTFALL LOCATION |
|  | CONCRETE WASHOUT                        |  | EXISTING TRANSMISSION POLE                       |  | FIELD DELINEATED WETLAND        |  |                  |
|  | CATCH BASIN INLET PROTECTION            |  | PROPOSED TRANSMISSION CENTER LINE                |  | FIELD DELINEATED STREAM         |  |                  |
|  | HAY BALE SEDIMENT PROTECTION            |  | LIMIT OF DISTURBANCE - MAT ALL AREA WITHIN LIMIT |  | FIELD DELINEATED TIDAL STREAM   |  |                  |
|  | SEDIMENT BARRIER                        |  | PROPOSED TEMPORARY ACCESS ROAD                   |  | FLOODPLAIN                      |  |                  |
|  | REDUNDANT SEDIMENT BARRIER - DOUBLE ROW |  | PROPOSED PERMANENT ACCESS ROAD TO REMAIN         |  | PROPOSED TREE CLEARING          |  |                  |
|  | EXCLUSIONARY BARRIER                    |  | PROPOSED WORK/PULLING CONSTRUCTION AREA          |  | NATURAL DIVERSITY DATABASE AREA |  |                  |

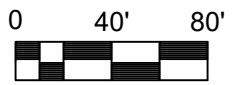
**NOTES:**  
1. BASE PLANS PREPARED BY WESTWOOD PROFESSIONAL SERVICES, 12/15/2022, LAST REVISED 03/10/2023.

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DESIGNED BY:	WW/ASB
DRAWN BY:	WW/ASB
REVIEWED BY:	KAM

ISSUE DATE:	03/15/2023
PROJECT NUMBER:	UNI9212.EE
SHEET SIZE:	11"x17"

**SOIL EROSION & SEDIMENTATION CONTROL PLAN**  
MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

**SHEET NO. C1.1**  
SHEET 08 OF 67

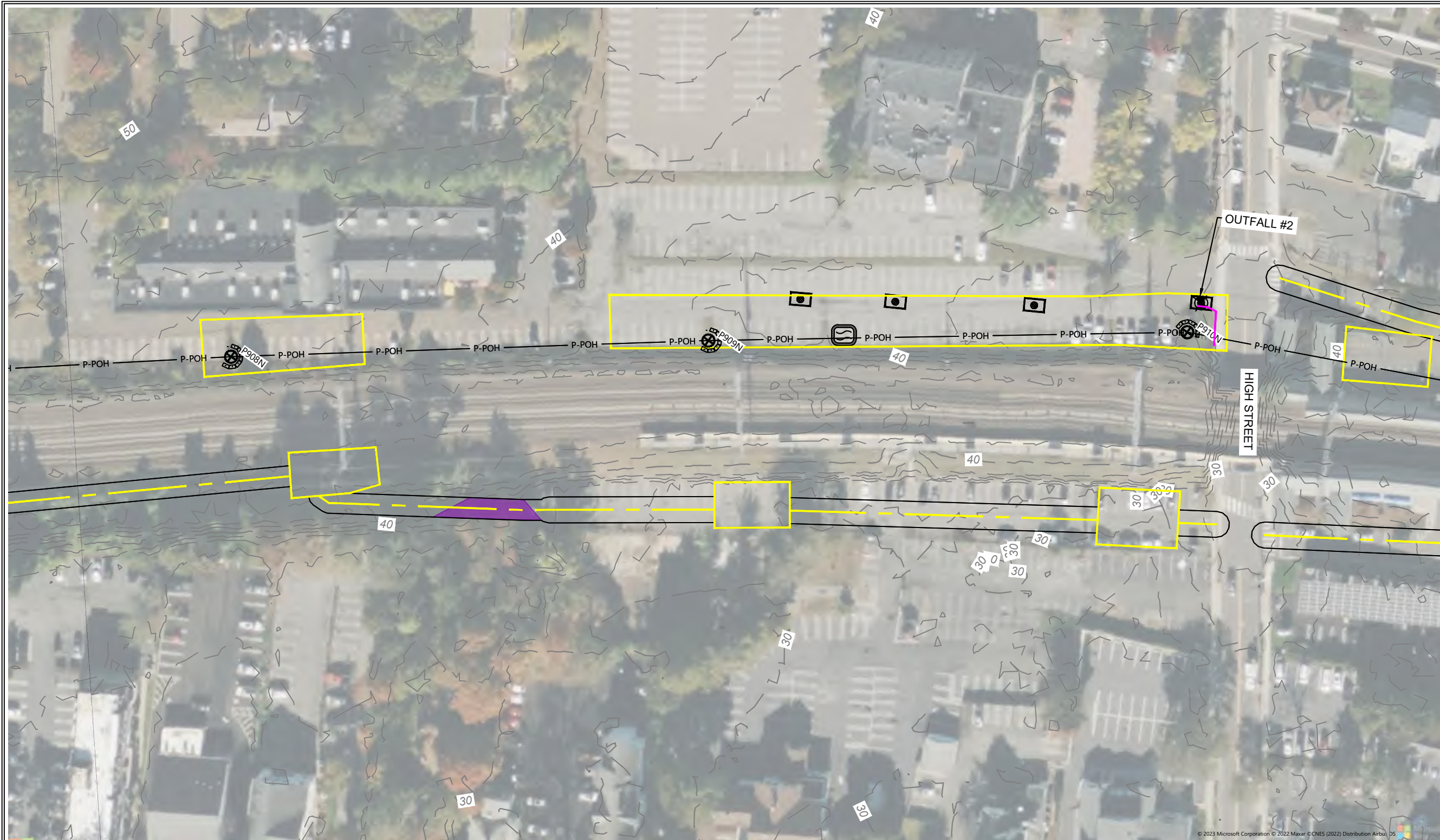
**LEGEND**

- |  |   |  |  |  |                                 |  |                  |
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|  | ROCK CONSTRUCTION ENTRANCE              |  | PROPOSED TRANSMISSION POLE                       |  | FIELD DELINEATED TIDAL WETLAND  |  | OUTFALL LOCATION |
|  | CONCRETE WASHOUT                        |  | EXISTING TRANSMISSION POLE                       |  | FIELD DELINEATED WETLAND        |  |                  |
|  | CATCH BASIN INLET PROTECTION            |  | PROPOSED TRANSMISSION CENTER LINE                |  | FIELD DELINEATED STREAM         |  |                  |
|  | HAY BALE SEDIMENT PROTECTION            |  | LIMIT OF DISTURBANCE - MAT ALL AREA WITHIN LIMIT |  | FIELD DELINEATED TIDAL STREAM   |  |                  |
|  | SEDIMENT BARRIER                        |  | PROPOSED TEMPORARY ACCESS ROAD                   |  | FLOODPLAIN                      |  |                  |
|  | REDUNDANT SEDIMENT BARRIER - DOUBLE ROW |  | PROPOSED PERMANENT ACCESS ROAD TO REMAIN         |  | PROPOSED TREE CLEARING          |  |                  |
|  | EXCLUSIONARY BARRIER                    |  | PROPOSED WORK/PULLING CONSTRUCTION AREA          |  | NATURAL DIVERSITY DATABASE AREA |  |                  |

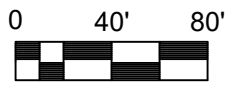
**NOTES:**  
1. BASE PLANS PREPARED BY WESTWOOD PROFESSIONAL SERVICES, 12/15/2022, LAST REVISED 03/10/2023.

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DRAWN BY:	WW/ASB
REVIEWED BY:	KAM

ISSUE DATE:	03/15/2023
PROJECT NUMBER:	UNI9212.EE
SHEET SIZE:	11"x17"

**SOIL EROSION & SEDIMENTATION CONTROL PLAN**  
MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

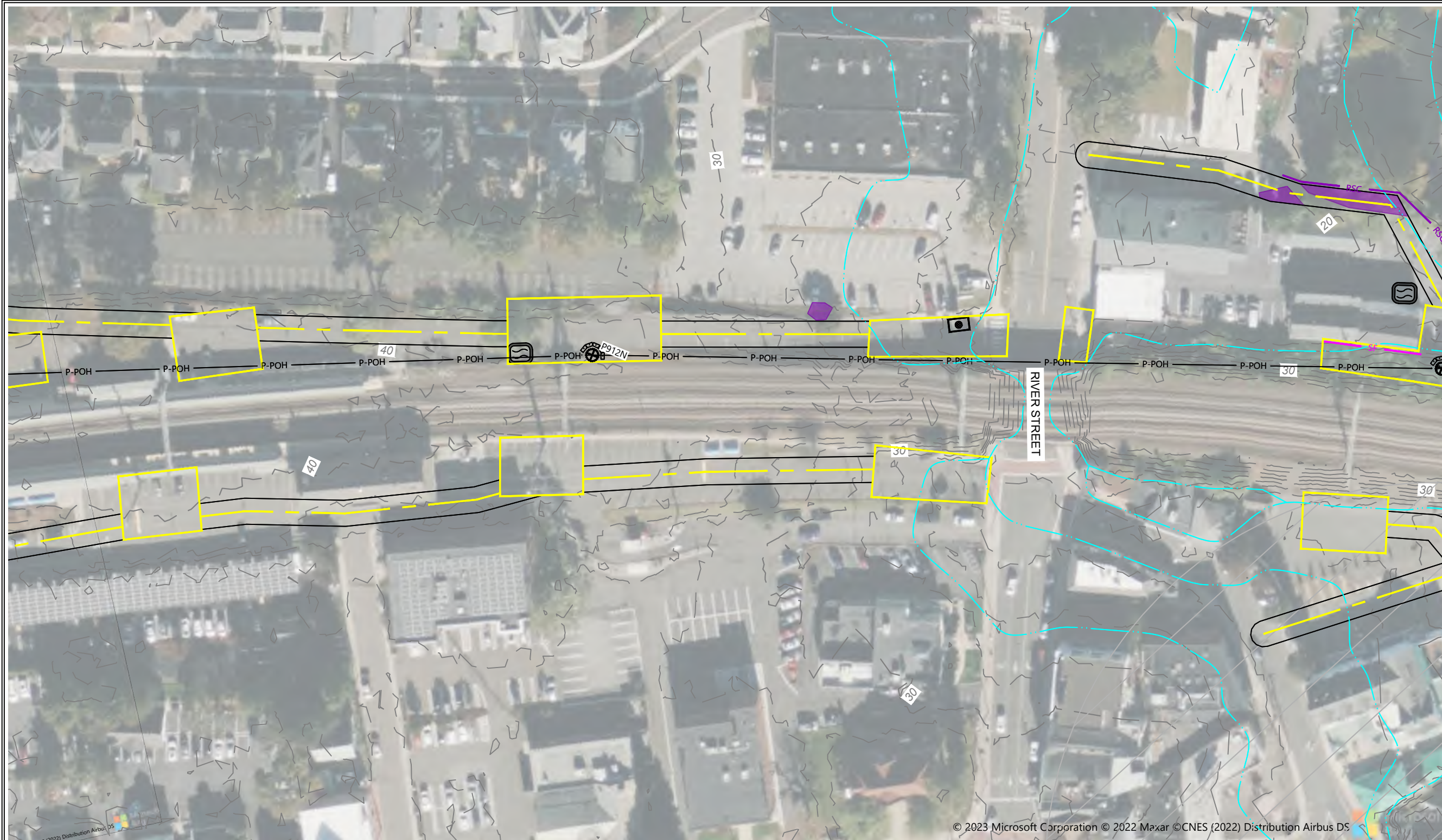
**SHEET NO. C1.1**  
SHEET 09 OF 67

**LEGEND**

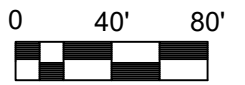
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|--|---|--|--|--|---------------------------------|--|------------------|
|  | ROCK CONSTRUCTION ENTRANCE              |  | PROPOSED TRANSMISSION POLE                       |  | FIELD DELINEATED TIDAL WETLAND  |  | OUTFALL LOCATION |
|  | CONCRETE WASHOUT                        |  | EXISTING TRANSMISSION POLE                       |  | FIELD DELINEATED WETLAND        |  |                  |
|  | CATCH BASIN INLET PROTECTION            |  | PROPOSED TRANSMISSION CENTER LINE                |  | FIELD DELINEATED STREAM         |  |                  |
|  | HAY BALE SEDIMENT PROTECTION            |  | LIMIT OF DISTURBANCE - MAT ALL AREA WITHIN LIMIT |  | FIELD DELINEATED TIDAL STREAM   |  |                  |
|  | SEDIMENT BARRIER                        |  | PROPOSED TEMPORARY ACCESS ROAD                   |  | FLOODPLAIN                      |  |                  |
|  | REDUNDANT SEDIMENT BARRIER - DOUBLE ROW |  | PROPOSED PERMANENT ACCESS ROAD TO REMAIN         |  | PROPOSED TREE CLEARING          |  |                  |
|  | EXCLUSIONARY BARRIER                    |  | PROPOSED WORK/PULLING CONSTRUCTION AREA          |  | NATURAL DIVERSITY DATABASE AREA |  |                  |

**NOTES:**  
1. BASE PLANS PREPARED BY WESTWOOD PROFESSIONAL SERVICES, 12/15/2022, LAST REVISED 03/10/2023.

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REVIEWED BY:	KAM

ISSUE DATE:	03/15/2023
PROJECT NUMBER:	UNI9212.EE
SHEET SIZE:	11"X17"

**SOIL EROSION & SEDIMENTATION CONTROL PLAN**  
MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

**SHEET NO. C1.1**  
SHEET 10 OF 67

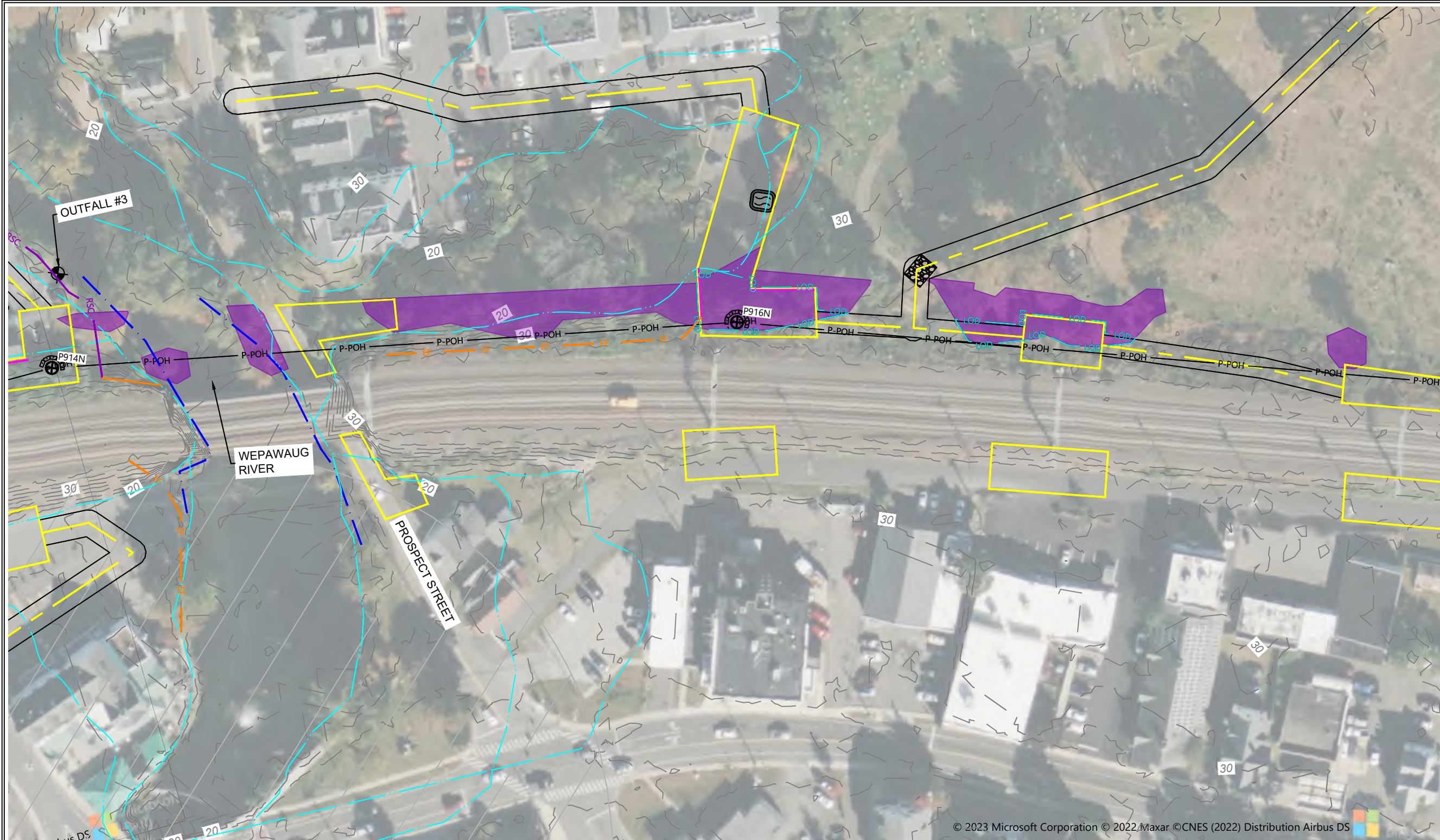
**LEGEND**

- |  |   |  |  |  |                                 |  |                  |
|--|---|--|--|--|---------------------------------|--|------------------|
|  | ROCK CONSTRUCTION ENTRANCE              |  | PROPOSED TRANSMISSION POLE                       |  | FIELD DELINEATED TIDAL WETLAND  |  | OUTFALL LOCATION |
|  | CONCRETE WASHOUT                        |  | EXISTING TRANSMISSION POLE                       |  | FIELD DELINEATED WETLAND        |  |                  |
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|  | SEDIMENT BARRIER                        |  | PROPOSED TEMPORARY ACCESS ROAD                   |  | FLOODPLAIN                      |  |                  |
|  | REDUNDANT SEDIMENT BARRIER - DOUBLE ROW |  | PROPOSED PERMANENT ACCESS ROAD TO REMAIN         |  | PROPOSED TREE CLEARING          |  |                  |
|  | EXCLUSIONARY BARRIER                    |  | PROPOSED WORK/PULLING CONSTRUCTION AREA          |  | NATURAL DIVERSITY DATABASE AREA |  |                  |

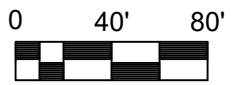
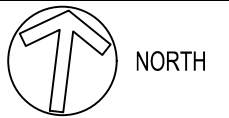
**NOTES:**  
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REVIEWED BY: KAM

ISSUE DATE: 03/15/2023  
PROJECT NUMBER: UNI9212.EE  
SHEET SIZE: 11"x17"

**SOIL EROSION & SEDIMENTATION CONTROL PLAN**  
MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

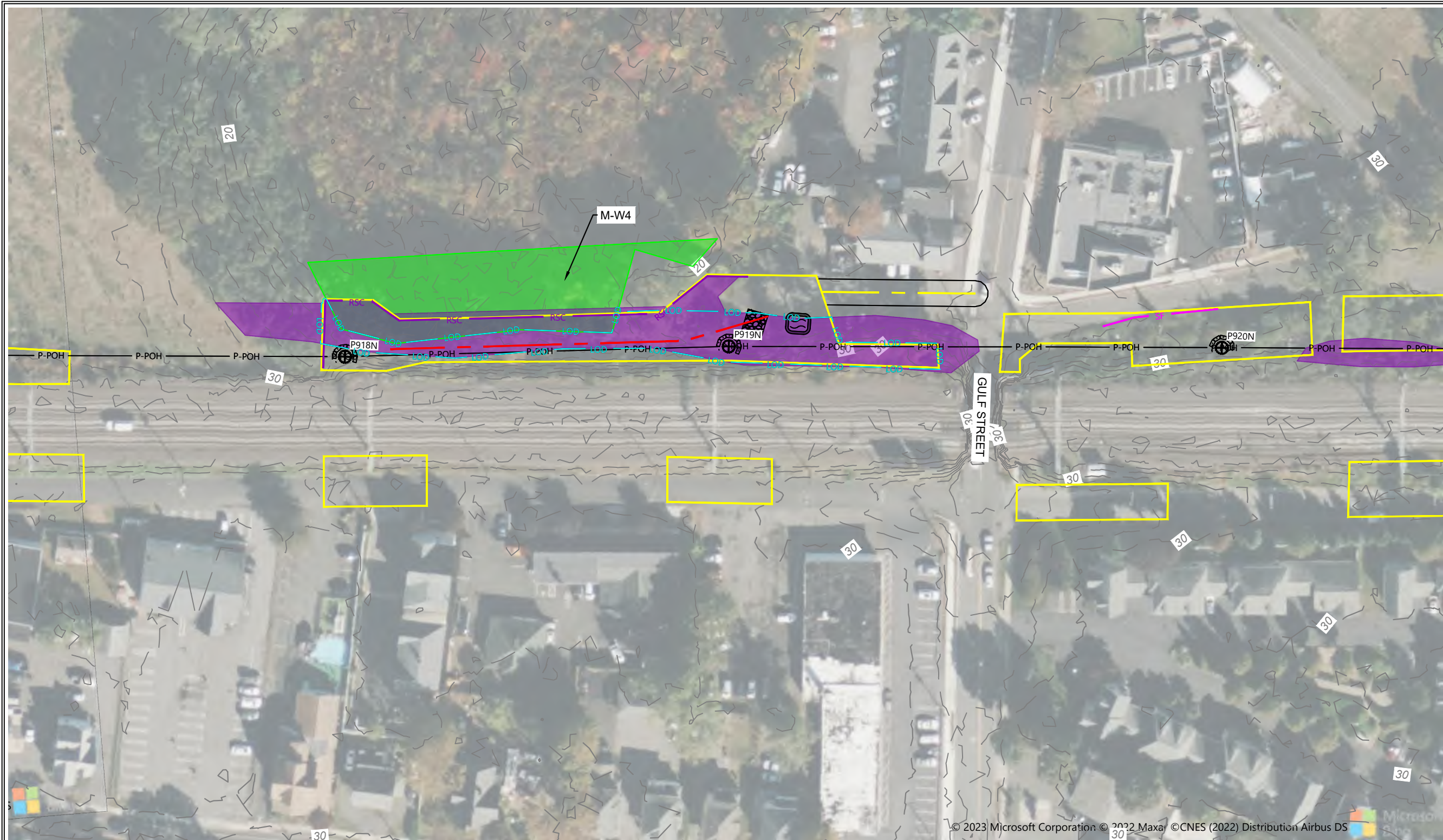
**SHEET NO. C1.1**  
SHEET 11 OF 67

**LEGEND**

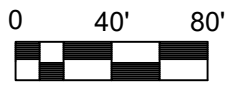
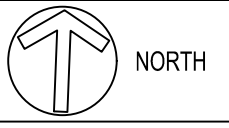
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|  | ROCK CONSTRUCTION ENTRANCE              |  | PROPOSED TRANSMISSION POLE                       |  | FIELD DELINEATED TIDAL WETLAND  |  | OUTFALL LOCATION |
|  | CONCRETE WASHOUT                        |  | EXISTING TRANSMISSION POLE                       |  | FIELD DELINEATED WETLAND        |  |                  |
|  | CATCH BASIN INLET PROTECTION            |  | PROPOSED TRANSMISSION CENTER LINE                |  | FIELD DELINEATED STREAM         |  |                  |
|  | HAY BALE SEDIMENT PROTECTION            |  | LIMIT OF DISTURBANCE - MAT ALL AREA WITHIN LIMIT |  | FIELD DELINEATED TIDAL STREAM   |  |                  |
|  | SEDIMENT BARRIER                        |  | PROPOSED TEMPORARY ACCESS ROAD                   |  | FLOODPLAIN                      |  |                  |
|  | REDUNDANT SEDIMENT BARRIER - DOUBLE ROW |  | PROPOSED PERMANENT ACCESS ROAD TO REMAIN         |  | PROPOSED TREE CLEARING          |  |                  |
|  | EXCLUSIONARY BARRIER                    |  | PROPOSED WORK/PULLING CONSTRUCTION AREA          |  | NATURAL DIVERSITY DATABASE AREA |  |                  |

**NOTES:**  
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DRAWN BY:	WW/ASB
REVIEWED BY:	KAM

ISSUE DATE:	03/15/2023
PROJECT NUMBER:	UNI9212.EE
SHEET SIZE:	11"x17"

**SOIL EROSION & SEDIMENTATION CONTROL PLAN**  
MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

**SHEET NO. C1.1**  
SHEET 12 OF 67

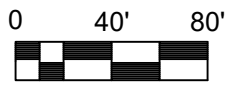
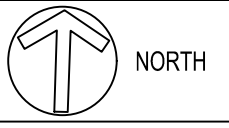
**LEGEND**

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|--|---|--|--|--|---------------------------------|--|------------------|
|  | ROCK CONSTRUCTION ENTRANCE              |  | PROPOSED TRANSMISSION POLE                       |  | FIELD DELINEATED TIDAL WETLAND  |  | OUTFALL LOCATION |
|  | CONCRETE WASHOUT                        |  | EXISTING TRANSMISSION POLE                       |  | FIELD DELINEATED WETLAND        |  |                  |
|  | CATCH BASIN INLET PROTECTION            |  | PROPOSED TRANSMISSION CENTER LINE                |  | FIELD DELINEATED STREAM         |  |                  |
|  | HAY BALE SEDIMENT PROTECTION            |  | LIMIT OF DISTURBANCE - MAT ALL AREA WITHIN LIMIT |  | FIELD DELINEATED TIDAL STREAM   |  |                  |
|  | SEDIMENT BARRIER                        |  | PROPOSED TEMPORARY ACCESS ROAD                   |  | FLOODPLAIN                      |  |                  |
|  | REDUNDANT SEDIMENT BARRIER - DOUBLE ROW |  | PROPOSED PERMANENT ACCESS ROAD TO REMAIN         |  | PROPOSED TREE CLEARING          |  |                  |
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**NOTES:**  
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REVIEWED BY:	KAM

ISSUE DATE:	03/15/2023
PROJECT NUMBER:	UNI9212.EE
SHEET SIZE:	11"X17"

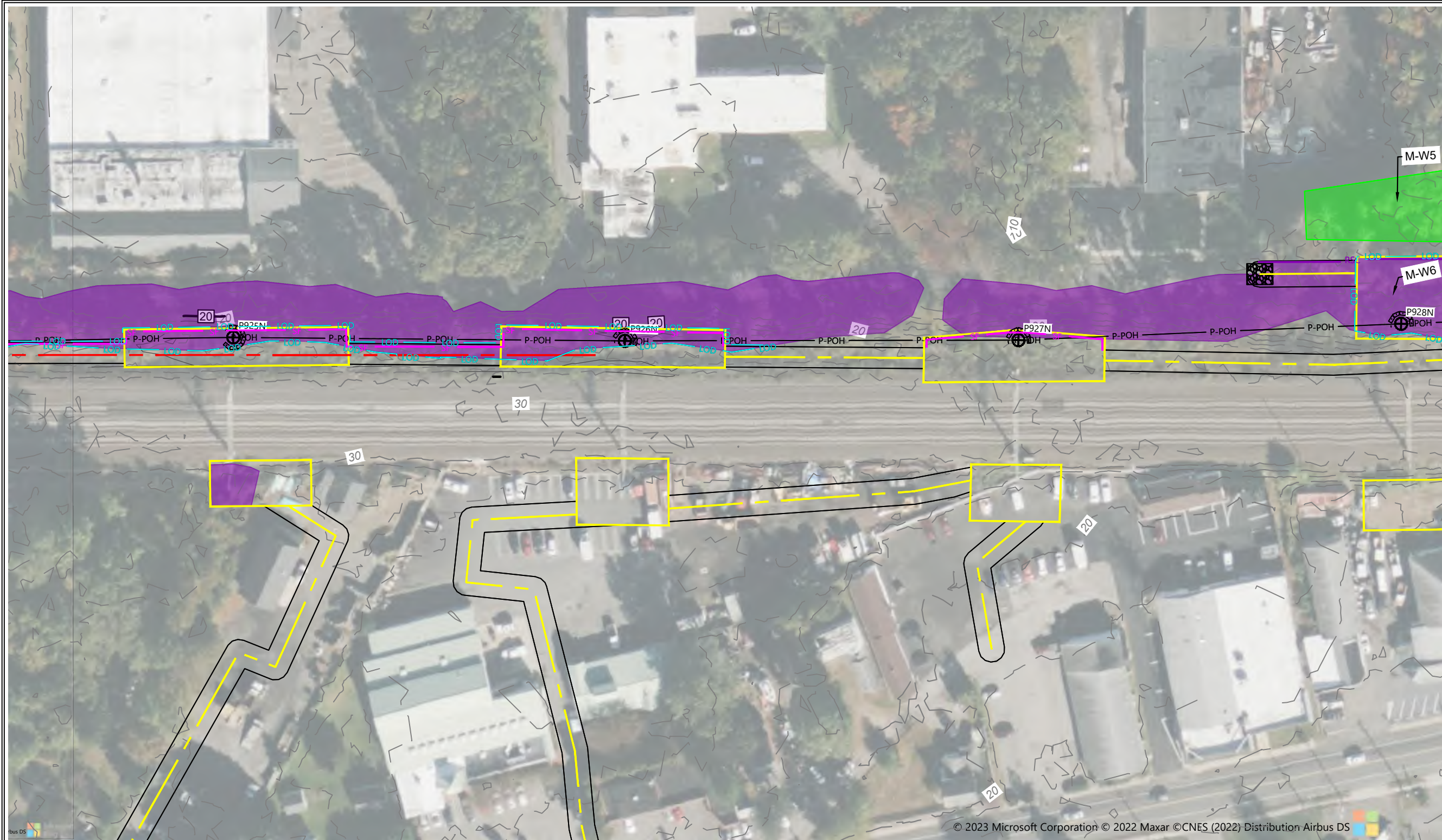
**SOIL EROSION & SEDIMENTATION CONTROL PLAN**  
 MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
 MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

**SHEET NO. C1.1**  
 SHEET 13 OF 67

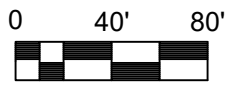
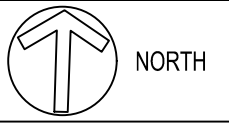
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- |  |   |  |  |  |                                 |  |                  |
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|  | ROCK CONSTRUCTION ENTRANCE              |  | PROPOSED TRANSMISSION POLE                       |  | FIELD DELINEATED TIDAL WETLAND  |  | OUTFALL LOCATION |
|  | CONCRETE WASHOUT                        |  | EXISTING TRANSMISSION POLE                       |  | FIELD DELINEATED WETLAND        |  |                  |
|  | CATCH BASIN INLET PROTECTION            |  | PROPOSED TRANSMISSION CENTER LINE                |  | FIELD DELINEATED STREAM         |  |                  |
|  | HAY BALE SEDIMENT PROTECTION            |  | LIMIT OF DISTURBANCE - MAT ALL AREA WITHIN LIMIT |  | FIELD DELINEATED TIDAL STREAM   |  |                  |
|  | SEDIMENT BARRIER                        |  | PROPOSED TEMPORARY ACCESS ROAD                   |  | FLOODPLAIN                      |  |                  |
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|  | EXCLUSIONARY BARRIER                    |  | PROPOSED WORK/PULLING CONSTRUCTION AREA          |  | NATURAL DIVERSITY DATABASE AREA |  |                  |

**NOTES:**  
 1. BASE PLANS PREPARED BY WESTWOOD PROFESSIONAL SERVICES, 12/15/2022, LAST REVISED 03/10/2023.



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DRAWN BY:	WW/ASB
REVIEWED BY:	KAM

ISSUE DATE:	03/15/2023
PROJECT NUMBER:	UNI9212.EE
SHEET SIZE:	11"X17"

**SOIL EROSION & SEDIMENTATION CONTROL PLAN**  
MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

**SHEET NO. C1.1**  
SHEET 14 OF 67

**LEGEND**

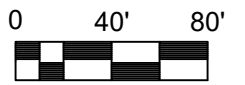
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|--|---|--|--|--|---------------------------------|--|------------------|
|  | ROCK CONSTRUCTION ENTRANCE              |  | PROPOSED TRANSMISSION POLE                       |  | FIELD DELINEATED TIDAL WETLAND  |  | OUTFALL LOCATION |
|  | CONCRETE WASHOUT                        |  | EXISTING TRANSMISSION POLE                       |  | FIELD DELINEATED WETLAND        |  |                  |
|  | CATCH BASIN INLET PROTECTION            |  | PROPOSED TRANSMISSION CENTER LINE                |  | FIELD DELINEATED STREAM         |  |                  |
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|  | REDUNDANT SEDIMENT BARRIER - DOUBLE ROW |  | PROPOSED PERMANENT ACCESS ROAD TO REMAIN         |  | PROPOSED TREE CLEARING          |  |                  |
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**NOTES:**  
1. BASE PLANS PREPARED BY WESTWOOD PROFESSIONAL SERVICES, 12/15/2022, LAST REVISED 03/10/2023.

DRAWING NAME: V:\Data\U\uniti - the united illuminating company\uniford to new haven.ct\uniford207e\CAD\SWPCP\VFG - RAIL ALIGNMENT - (1).dwg LAYOUT: 15 VFG - RAIL ALIGNMENT PLOT DATE: Apr 03, 2023 - 12:22pm OPERATOR: ASB



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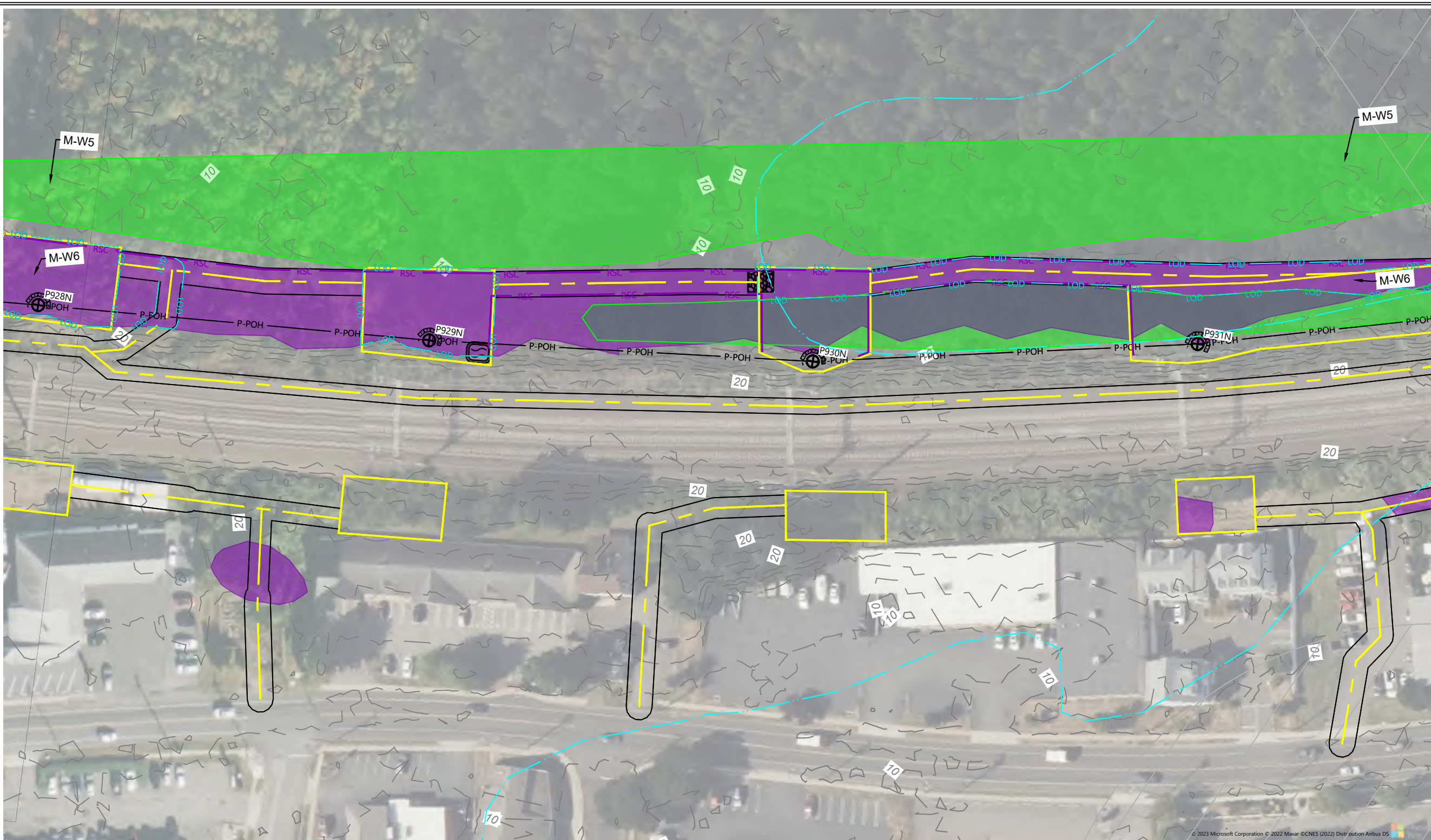
REVISIONS	NO.	DATE

DESIGNED BY: WW/ASB  
DRAWN BY: WW/ASB  
REVIEWED BY: KAM

ISSUE DATE: 03/15/2023  
PROJECT NUMBER: UNI9212.EE  
SHEET SIZE: 11"X17"

**SOIL EROSION & SEDIMENTATION CONTROL PLAN**  
MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

SHEET NO. **C1.1**  
SHEET 15 OF 67

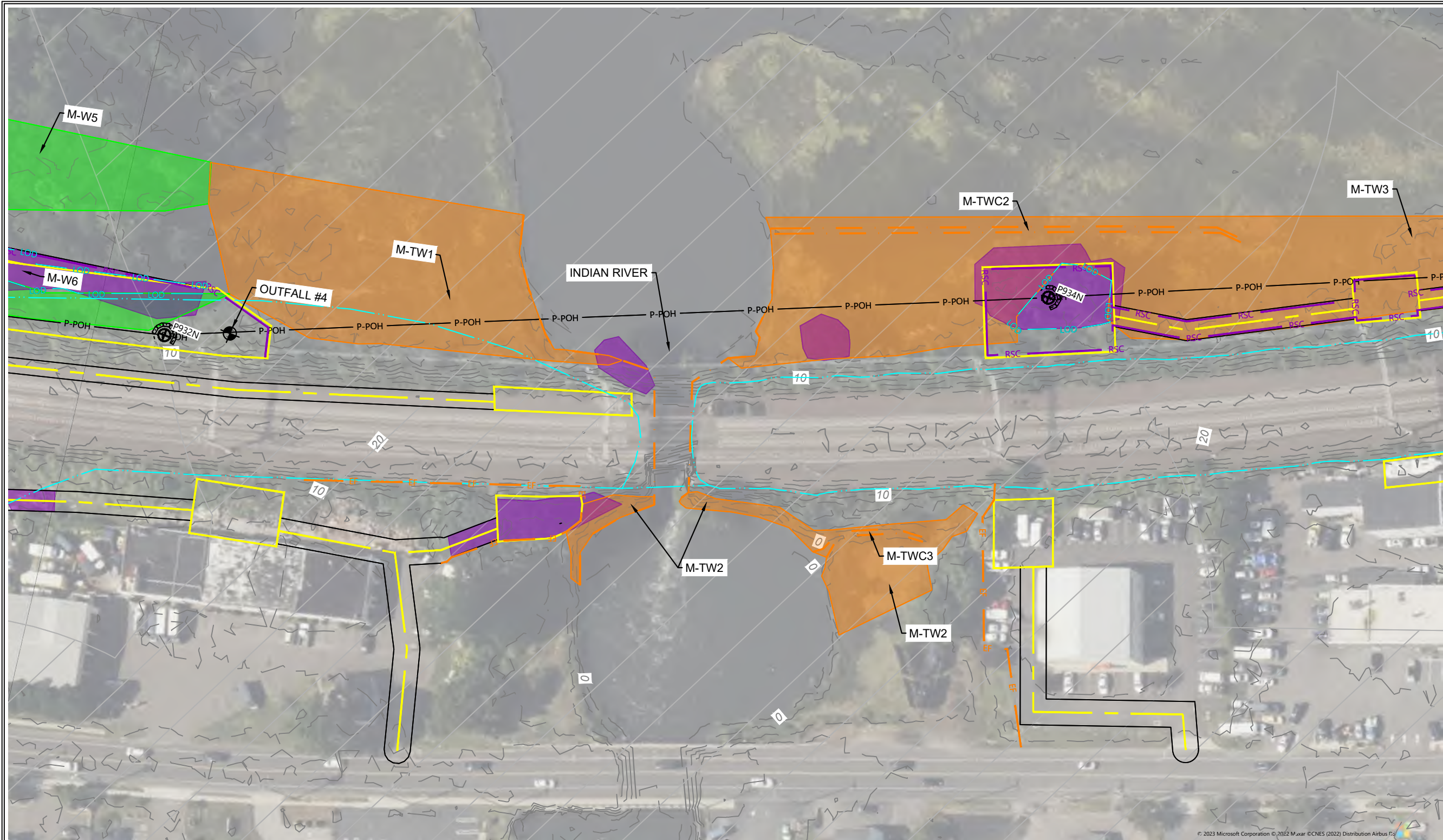


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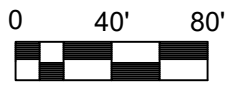
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|--|---|--|--|--|---------------------------------|--|------------------|
|  | ROCK CONSTRUCTION ENTRANCE              |  | PROPOSED TRANSMISSION POLE                       |  | FIELD DELINEATED TIDAL WETLAND  |  | OUTFALL LOCATION |
|  | CONCRETE WASHOUT                        |  | EXISTING TRANSMISSION POLE                       |  | FIELD DELINEATED WETLAND        |  |                  |
|  | CATCH BASIN INLET PROTECTION            |  | PROPOSED TRANSMISSION CENTER LINE                |  | FIELD DELINEATED STREAM         |  |                  |
|  | HAY BALE SEDIMENT PROTECTION            |  | LIMIT OF DISTURBANCE - MAT ALL AREA WITHIN LIMIT |  | FIELD DELINEATED TIDAL STREAM   |  |                  |
|  | SEDIMENT BARRIER                        |  | PROPOSED TEMPORARY ACCESS ROAD                   |  | FLOODPLAIN                      |  |                  |
|  | REDUNDANT SEDIMENT BARRIER - DOUBLE ROW |  | PROPOSED PERMANENT ACCESS ROAD TO REMAIN         |  | PROPOSED TREE CLEARING          |  |                  |
|  | EXCLUSIONARY BARRIER                    |  | PROPOSED WORK/PULLING CONSTRUCTION AREA          |  | NATURAL DIVERSITY DATABASE AREA |  |                  |

**NOTES:**  
1. BASE PLANS PREPARED BY WESTWOOD PROFESSIONAL SERVICES, 12/15/2022, LAST REVISED 03/10/2023.

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DRAWN BY: WW/ASB  
REVIEWED BY: KAM

ISSUE DATE: 03/15/2023  
PROJECT NUMBER: UNI9212.EE  
SHEET SIZE: 11"x17"

**SOIL EROSION & SEDIMENTATION CONTROL PLAN**  
MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

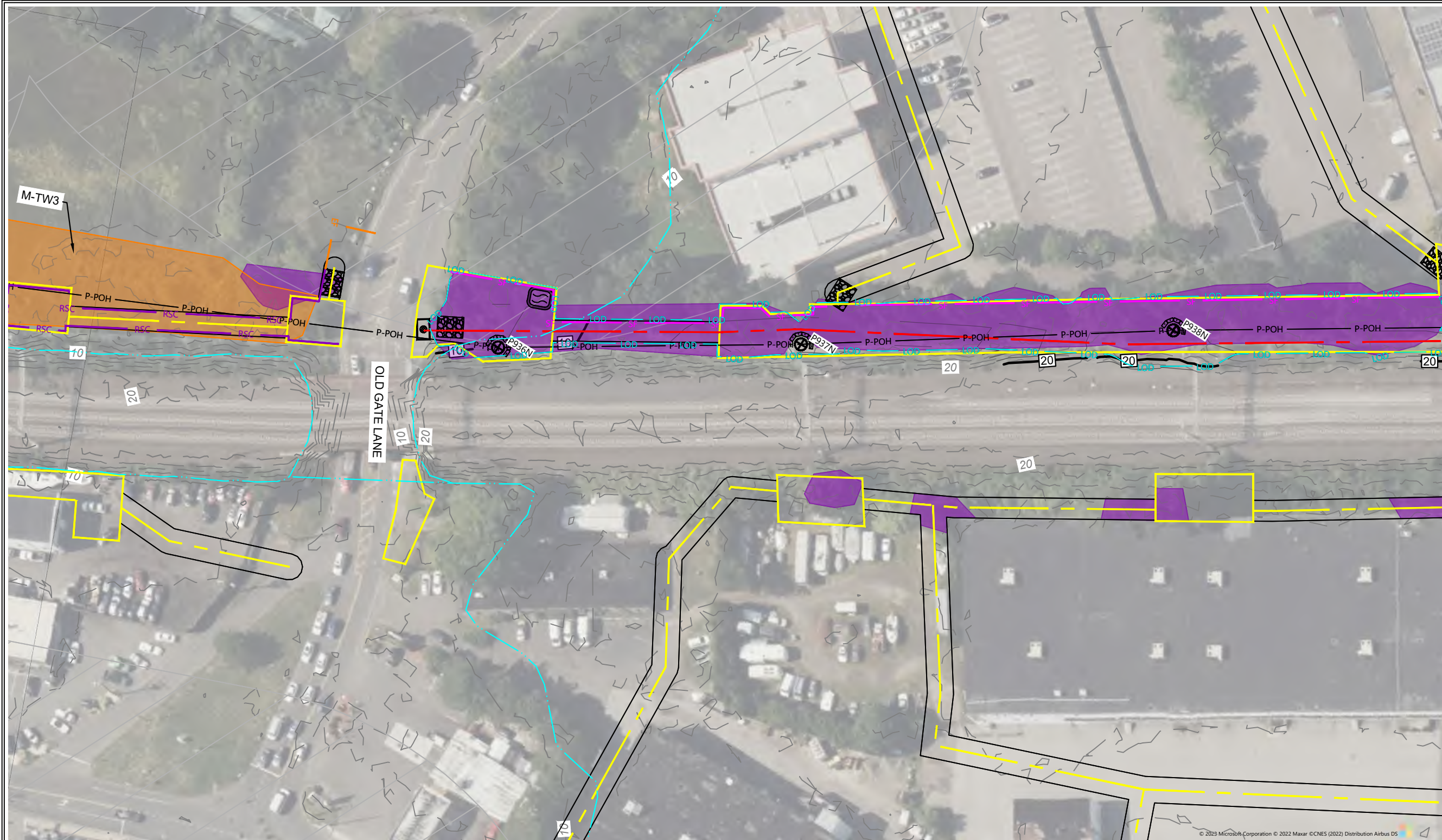
SHEET NO. **C1.1**  
SHEET 16 OF 67

**LEGEND**

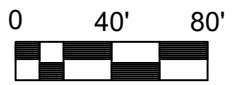
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|--|---|--|--|--|---------------------------------|--|------------------|
|  | ROCK CONSTRUCTION ENTRANCE              |  | PROPOSED TRANSMISSION POLE                       |  | FIELD DELINEATED TIDAL WETLAND  |  | OUTFALL LOCATION |
|  | CONCRETE WASHOUT                        |  | EXISTING TRANSMISSION POLE                       |  | FIELD DELINEATED WETLAND        |  |                  |
|  | CATCH BASIN INLET PROTECTION            |  | PROPOSED TRANSMISSION CENTER LINE                |  | FIELD DELINEATED STREAM         |  |                  |
|  | HAY BALE SEDIMENT PROTECTION            |  | LIMIT OF DISTURBANCE - MAT ALL AREA WITHIN LIMIT |  | FIELD DELINEATED TIDAL STREAM   |  |                  |
|  | SEDIMENT BARRIER                        |  | PROPOSED TEMPORARY ACCESS ROAD                   |  | FLOODPLAIN                      |  |                  |
|  | REDUNDANT SEDIMENT BARRIER - DOUBLE ROW |  | PROPOSED PERMANENT ACCESS ROAD TO REMAIN         |  | PROPOSED TREE CLEARING          |  |                  |
|  | EXCLUSIONARY BARRIER                    |  | PROPOSED WORK/PULLING CONSTRUCTION AREA          |  | NATURAL DIVERSITY DATABASE AREA |  |                  |

**NOTES:**  
1. BASE PLANS PREPARED BY WESTWOOD PROFESSIONAL SERVICES, 12/15/2022, LAST REVISED 03/10/2023.

DRAWING NAME: V:\Data\U\uniti - the united illuminating company\uniford to new haven, ct\uniford207e\CAD\SWPCP\VFG - RAIL ALIGNMENT - (1).dwg LAYOUT: 17 VFG - RAIL ALIGNMENT PLOT DATE: Apr 03, 2023 - 12:24pm OPERATOR: ASB



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NO.	DATE

DESIGNED BY:	WW/ASB
DRAWN BY:	WW/ASB
REVIEWED BY:	KAM

ISSUE DATE:	03/15/2023
PROJECT NUMBER:	UNI9212.EE
SHEET SIZE:	11"X17"

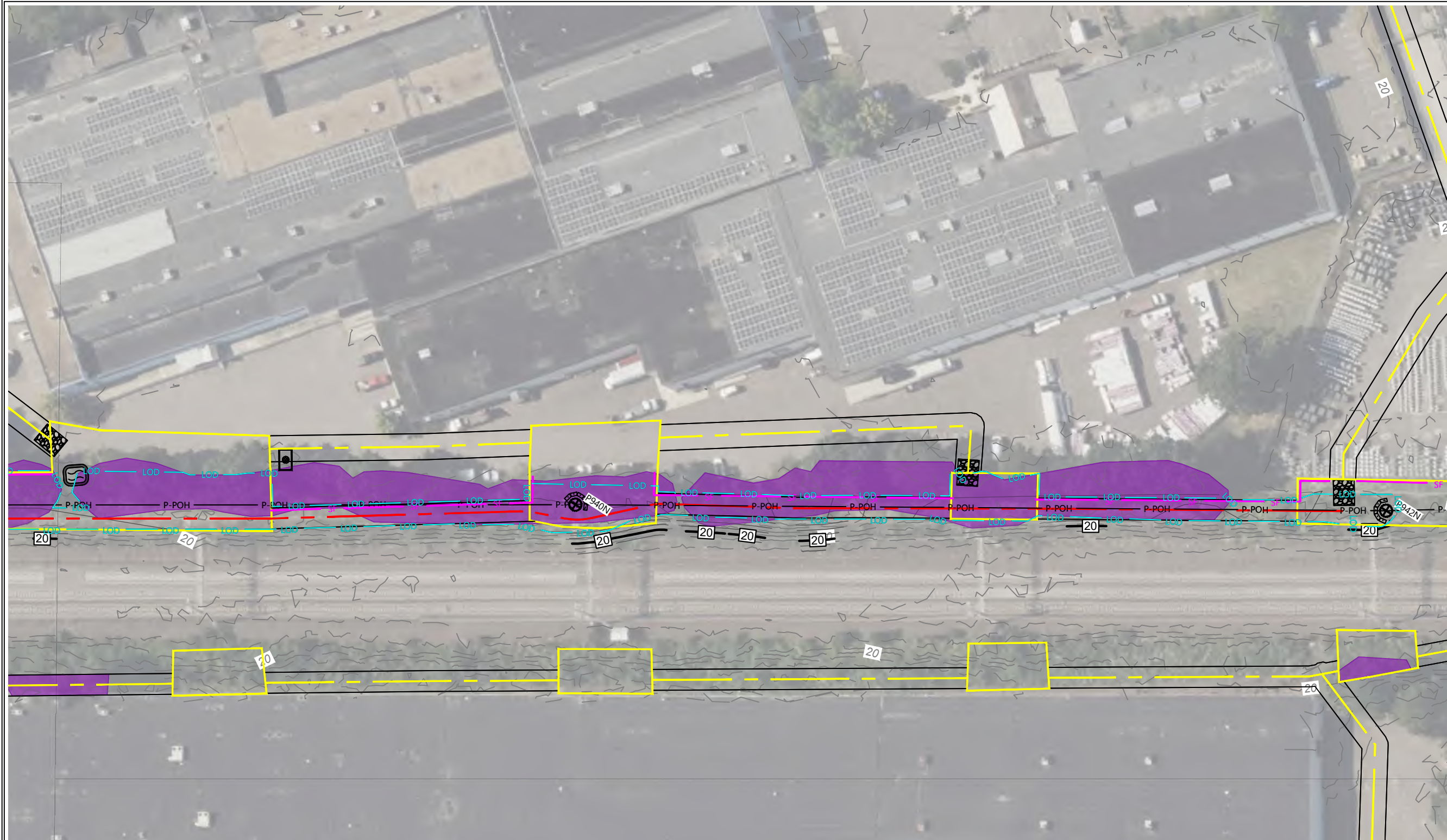
**SOIL EROSION & SEDIMENTATION CONTROL PLAN**  
MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

**SHEET NO. C1.1**  
SHEET 17 OF 67

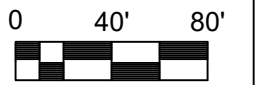
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|--|---|--|--|--|---------------------------------|--|------------------|
|  | ROCK CONSTRUCTION ENTRANCE              |  | PROPOSED TRANSMISSION POLE                       |  | FIELD DELINEATED TIDAL WETLAND  |  | OUTFALL LOCATION |
|  | CONCRETE WASHOUT                        |  | EXISTING TRANSMISSION POLE                       |  | FIELD DELINEATED WETLAND        |  |                  |
|  | CATCH BASIN INLET PROTECTION            |  | PROPOSED TRANSMISSION CENTER LINE                |  | FIELD DELINEATED STREAM         |  |                  |
|  | HAY BALE SEDIMENT PROTECTION            |  | LIMIT OF DISTURBANCE - MAT ALL AREA WITHIN LIMIT |  | FIELD DELINEATED TIDAL STREAM   |  |                  |
|  | SEDIMENT BARRIER                        |  | PROPOSED TEMPORARY ACCESS ROAD                   |  | FLOODPLAIN                      |  |                  |
|  | REDUNDANT SEDIMENT BARRIER - DOUBLE ROW |  | PROPOSED PERMANENT ACCESS ROAD TO REMAIN         |  | PROPOSED TREE CLEARING          |  |                  |
|  | EXCLUSIONARY BARRIER                    |  | PROPOSED WORK/PULLING CONSTRUCTION AREA          |  | NATURAL DIVERSITY DATABASE AREA |  |                  |

**NOTES:**  
1. BASE PLANS PREPARED BY WESTWOOD PROFESSIONAL SERVICES, 12/15/2022, LAST REVISED 03/10/2023.



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REVISIONS	
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DESIGNED BY:	WW/ASB
DRAWN BY:	WW/ASB
REVIEWED BY:	KAM

ISSUE DATE:	03/15/2023
PROJECT NUMBER:	UNI9212.EE
SHEET SIZE:	11"x17"

**SOIL EROSION & SEDIMENTATION CONTROL PLAN**  
MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

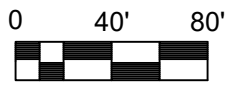
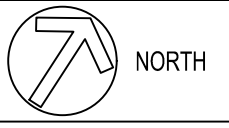
**SHEET NO. C1.1**  
SHEET 18 OF 67

ROCK CONSTRUCTION ENTRANCE CONCRETE WASHOUT CATCH BASIN INLET PROTECTION HAY BALE SEDIMENT PROTECTION SF SEDIMENT BARRIER RSC REDUNDANT SEDIMENT BARRIER - DOUBLE ROW EF EXCLUSIONARY BARRIER	<p><b>LEGEND</b></p> PROPOSED TRANSMISSION POLE EXISTING TRANSMISSION POLE PROPOSED TRANSMISSION CENTER LINE LOD LIMIT OF DISTURBANCE - MAT ALL AREA WITHIN LIMIT PROPOSED TEMPORARY ACCESS ROAD PROPOSED PERMANENT ACCESS ROAD TO REMAIN PROPOSED WORK/PULLING CONSTRUCTION AREA	FIELD DELINEATED TIDAL WETLAND FIELD DELINEATED WETLAND FIELD DELINEATED STREAM FIELD DELINEATED TIDAL STREAM FLOODPLAIN PROPOSED TREE CLEARING NATURAL DIVERSITY DATABASE AREA	OUTFALL LOCATION
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**NOTES:**  
1. BASE PLANS PREPARED BY WESTWOOD PROFESSIONAL SERVICES, 12/15/2022, LAST REVISED 03/10/2023.



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DRAWN BY:	WW/ASB
REVIEWED BY:	KAM

ISSUE DATE:	03/15/2023
PROJECT NUMBER:	UNI9212.EE
SHEET SIZE:	11"X17"

**SOIL EROSION & SEDIMENTATION CONTROL PLAN**  
MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

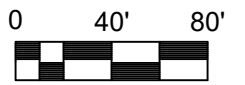
**SHEET NO. C1.1**  
SHEET 19 OF 67

<p>ROCK CONSTRUCTION ENTRANCE</p>	<p>PROPOSED TRANSMISSION POLE</p>	<p>FIELD DELINEATED TIDAL WETLAND</p>	<p>OUTFALL LOCATION</p>
<p>CONCRETE WASHOUT</p>	<p>EXISTING TRANSMISSION POLE</p>	<p>FIELD DELINEATED WETLAND</p>	
<p>CATCH BASIN INLET PROTECTION</p>	<p>PROPOSED TRANSMISSION CENTER LINE</p>	<p>FIELD DELINEATED STREAM</p>	<p><b>NOTES:</b> 1. BASE PLANS PREPARED BY WESTWOOD PROFESSIONAL SERVICES, 12/15/2022, LAST REVISED 03/10/2023.</p>
<p>HAY BALE SEDIMENT PROTECTION</p>	<p>LIMIT OF DISTURBANCE - MAT ALL AREA WITHIN LIMIT</p>	<p>FIELD DELINEATED TIDAL STREAM</p>	
<p>SEDIMENT BARRIER</p>	<p>PROPOSED TEMPORARY ACCESS ROAD</p>	<p>FLOODPLAIN</p>	
<p>REDUNDANT SEDIMENT BARRIER - DOUBLE ROW</p>	<p>PROPOSED PERMANENT ACCESS ROAD TO REMAIN</p>	<p>PROPOSED TREE CLEARING</p>	
<p>EXCLUSIONARY BARRIER</p>	<p>PROPOSED WORK/PULLING CONSTRUCTION AREA</p>	<p>NATURAL DIVERSITY DATABASE AREA</p>	





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 REVIEWED BY: KAM

ISSUE DATE: 03/15/2023  
 PROJECT NUMBER: UNI9212.EE  
 SHEET SIZE: 11"x17"

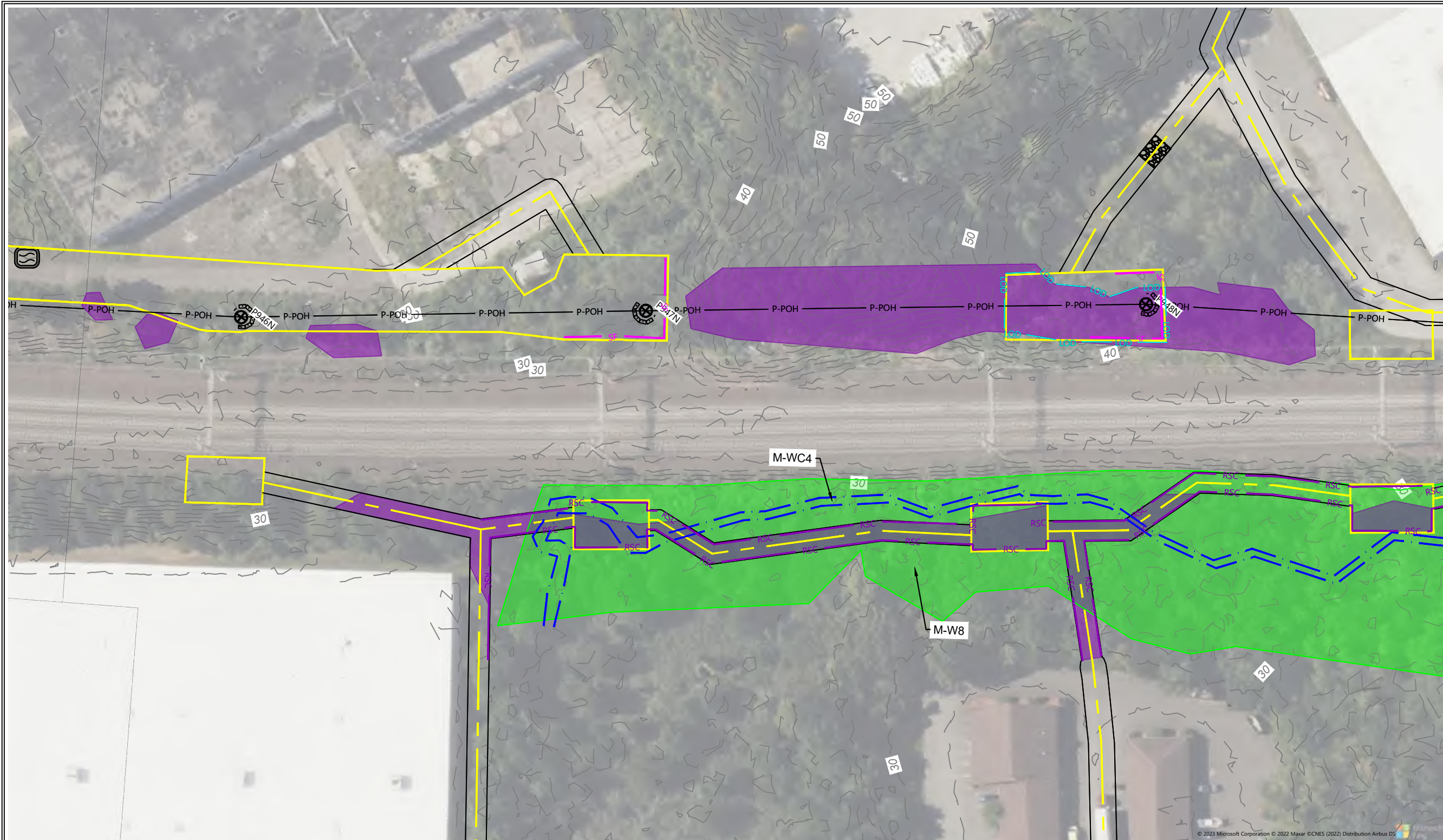
**SOIL EROSION & SEDIMENTATION CONTROL PLAN**  
 MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
 MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

**SHEET NO. C1.1**  
 SHEET 21 OF 67

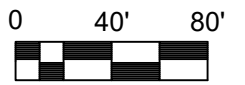
**LEGEND**

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|--|---|--|--|--|---------------------------------|--|------------------|
|  | ROCK CONSTRUCTION ENTRANCE              |  | PROPOSED TRANSMISSION POLE                       |  | FIELD DELINEATED TIDAL WETLAND  |  | OUTFALL LOCATION |
|  | CONCRETE WASHOUT                        |  | EXISTING TRANSMISSION POLE                       |  | FIELD DELINEATED WETLAND        |  |                  |
|  | CATCH BASIN INLET PROTECTION            |  | PROPOSED TRANSMISSION CENTER LINE                |  | FIELD DELINEATED STREAM         |  |                  |
|  | HAY BALE SEDIMENT PROTECTION            |  | LIMIT OF DISTURBANCE - MAT ALL AREA WITHIN LIMIT |  | FIELD DELINEATED TIDAL STREAM   |  |                  |
|  | SEDIMENT BARRIER                        |  | PROPOSED TEMPORARY ACCESS ROAD                   |  | FLOODPLAIN                      |  |                  |
|  | REDUNDANT SEDIMENT BARRIER - DOUBLE ROW |  | PROPOSED PERMANENT ACCESS ROAD TO REMAIN         |  | PROPOSED TREE CLEARING          |  |                  |
|  | EXCLUSIONARY BARRIER                    |  | PROPOSED WORK/PULLING CONSTRUCTION AREA          |  | NATURAL DIVERSITY DATABASE AREA |  |                  |

**NOTES:**  
 1. BASE PLANS PREPARED BY WESTWOOD PROFESSIONAL SERVICES, 12/15/2022, LAST REVISED 03/10/2023.



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 REVIEWED BY: KAM

ISSUE DATE: 03/15/2023  
 PROJECT NUMBER: UNI9212.EE  
 SHEET SIZE: 11"X17"

**SOIL EROSION & SEDIMENTATION CONTROL PLAN**  
 MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
 MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

**SHEET NO. C1.1**  
 SHEET 22 OF 67

**LEGEND**

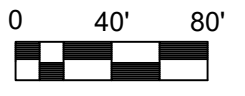
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	CONCRETE WASHOUT		EXISTING TRANSMISSION POLE		FIELD DELINEATED WETLAND		
	CATCH BASIN INLET PROTECTION		PROPOSED TRANSMISSION CENTER LINE		FIELD DELINEATED STREAM		
	HAY BALE SEDIMENT PROTECTION		LIMIT OF DISTURBANCE - MAT ALL AREA WITHIN LIMIT		FIELD DELINEATED TIDAL STREAM		
	SEDIMENT BARRIER		PROPOSED TEMPORARY ACCESS ROAD		FLOODPLAIN		
	REDUNDANT SEDIMENT BARRIER - DOUBLE ROW		PROPOSED PERMANENT ACCESS ROAD TO REMAIN		PROPOSED TREE CLEARING		
	EXCLUSIONARY BARRIER		PROPOSED WORK/PULLING CONSTRUCTION AREA		NATURAL DIVERSITY DATABASE AREA		

**NOTES:**  
 1. BASE PLANS PREPARED BY WESTWOOD PROFESSIONAL SERVICES, 12/15/2022, LAST REVISED 03/10/2023.

DRAWING NAME: V:\Data\U\uniri - the united illuminating company\uniford to new haven.ct\unir9207e\CAD\SWPCP\VFG - RAIL ALIGNMENT - (1).dwg LAYOUT: 23 VFG - RAIL ALIGNMENT PLOT DATE: Apr 03, 2023 - 12:31pm OPERATOR: ASB



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REVISIONS	
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DESIGNED BY:	WW/ASB
DRAWN BY:	WW/ASB
REVIEWED BY:	KAM

ISSUE DATE:	03/15/2023
PROJECT NUMBER:	UNI9212.EE
SHEET SIZE:	11"X17"

**SOIL EROSION & SEDIMENTATION CONTROL PLAN**  
MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

**SHEET NO. C1.1**  
SHEET 23 OF 67

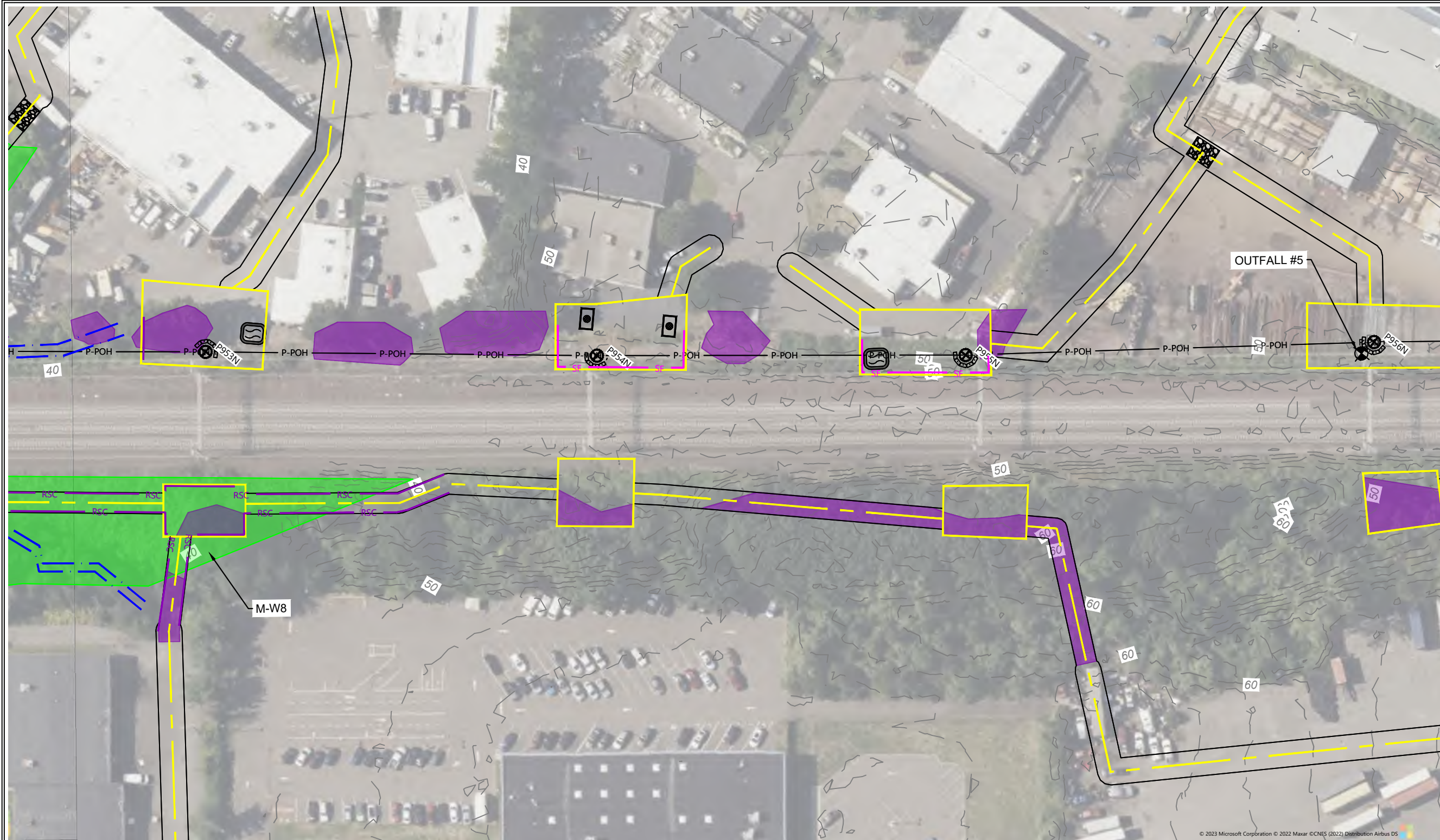
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**LEGEND**

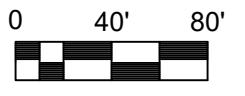
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|--|---|--|--|--|---------------------------------|--|------------------|
|  | ROCK CONSTRUCTION ENTRANCE              |  | PROPOSED TRANSMISSION POLE                       |  | FIELD DELINEATED TIDAL WETLAND  |  | OUTFALL LOCATION |
|  | CONCRETE WASHOUT                        |  | EXISTING TRANSMISSION POLE                       |  | FIELD DELINEATED WETLAND        |  |                  |
|  | CATCH BASIN INLET PROTECTION            |  | PROPOSED TRANSMISSION CENTER LINE                |  | FIELD DELINEATED STREAM         |  |                  |
|  | HAY BALE SEDIMENT PROTECTION            |  | LIMIT OF DISTURBANCE - MAT ALL AREA WITHIN LIMIT |  | FIELD DELINEATED TIDAL STREAM   |  |                  |
|  | SEDIMENT BARRIER                        |  | PROPOSED TEMPORARY ACCESS ROAD                   |  | FLOODPLAIN                      |  |                  |
|  | REDUNDANT SEDIMENT BARRIER - DOUBLE ROW |  | PROPOSED PERMANENT ACCESS ROAD TO REMAIN         |  | PROPOSED TREE CLEARING          |  |                  |
|  | EXCLUSIONARY BARRIER                    |  | PROPOSED WORK/PULLING CONSTRUCTION AREA          |  | NATURAL DIVERSITY DATABASE AREA |  |                  |

**NOTES:**  
1. BASE PLANS PREPARED BY WESTWOOD PROFESSIONAL SERVICES, 12/15/2022, LAST REVISED 03/10/2023.

DRAWING NAME: V:\Data\U\uniti - the united illuminating company\uniford to new haven.ct\uniford207e\CAD\SWPCP\VFG - RAIL ALIGNMENT - (1).dwg LAYOUT: 24 VFG - RAIL ALIGNMENT PLOT DATE: Apr 03, 2023 - 12:32pm OPERATOR: ASB



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NO.	DATE

DESIGNED BY:	WW/ASB
DRAWN BY:	WW/ASB
REVIEWED BY:	KAM

ISSUE DATE:	03/15/2023
PROJECT NUMBER:	UNI9212.EE
SHEET SIZE:	11"X17"

**SOIL EROSION & SEDIMENTATION CONTROL PLAN**  
MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

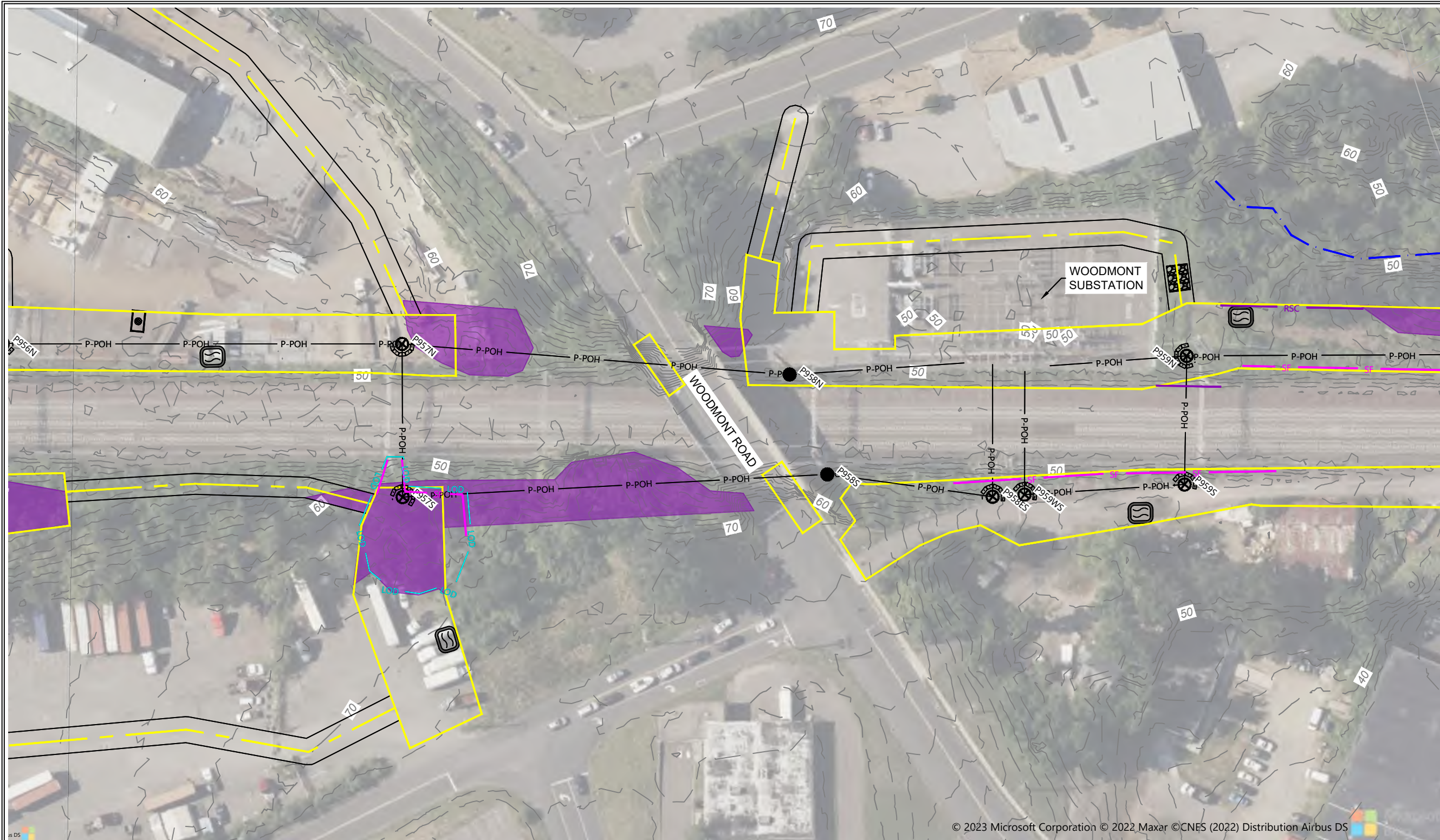
**SHEET NO. C1.1**  
SHEET 24 OF 67

**LEGEND**

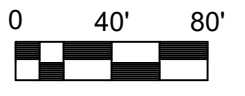
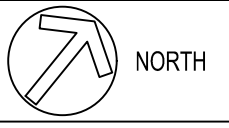
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|--|---|--|--|--|---------------------------------|--|------------------|
|  | ROCK CONSTRUCTION ENTRANCE              |  | PROPOSED TRANSMISSION POLE                       |  | FIELD DELINEATED TIDAL WETLAND  |  | OUTFALL LOCATION |
|  | CONCRETE WASHOUT                        |  | EXISTING TRANSMISSION POLE                       |  | FIELD DELINEATED WETLAND        |  |                  |
|  | CATCH BASIN INLET PROTECTION            |  | PROPOSED TRANSMISSION CENTER LINE                |  | FIELD DELINEATED STREAM         |  |                  |
|  | HAY BALE SEDIMENT PROTECTION            |  | LIMIT OF DISTURBANCE - MAT ALL AREA WITHIN LIMIT |  | FIELD DELINEATED TIDAL STREAM   |  |                  |
|  | SEDIMENT BARRIER                        |  | PROPOSED TEMPORARY ACCESS ROAD                   |  | FLOODPLAIN                      |  |                  |
|  | REDUNDANT SEDIMENT BARRIER - DOUBLE ROW |  | PROPOSED PERMANENT ACCESS ROAD TO REMAIN         |  | PROPOSED TREE CLEARING          |  |                  |
|  | EXCLUSIONARY BARRIER                    |  | PROPOSED WORK/PULLING CONSTRUCTION AREA          |  | NATURAL DIVERSITY DATABASE AREA |  |                  |

**NOTES:**  
1. BASE PLANS PREPARED BY WESTWOOD PROFESSIONAL SERVICES, 12/15/2022, LAST REVISED 03/10/2023.

DRAWING NAME: V:\Data\U\uniti - the united illuminating company\uniford to new haven, ct\uniford207e\CAD\SWPCP\VFG - RAIL ALIGNMENT - (1).dwg LAYOUT: 25 VFG - RAIL ALIGNMENT PLOT DATE: Apr 03, 2023 - 12:33pm OPERATOR: ASB



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REVISIONS	NO.	DATE

DESIGNED BY:	WW/ASB
DRAWN BY:	WW/ASB
REVIEWED BY:	KAM

ISSUE DATE:	03/15/2023
PROJECT NUMBER:	UNI9212.EE
SHEET SIZE:	11"X17"

**SOIL EROSION & SEDIMENTATION CONTROL PLAN**  
MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

**SHEET NO. C1.1**  
SHEET 25 OF 67

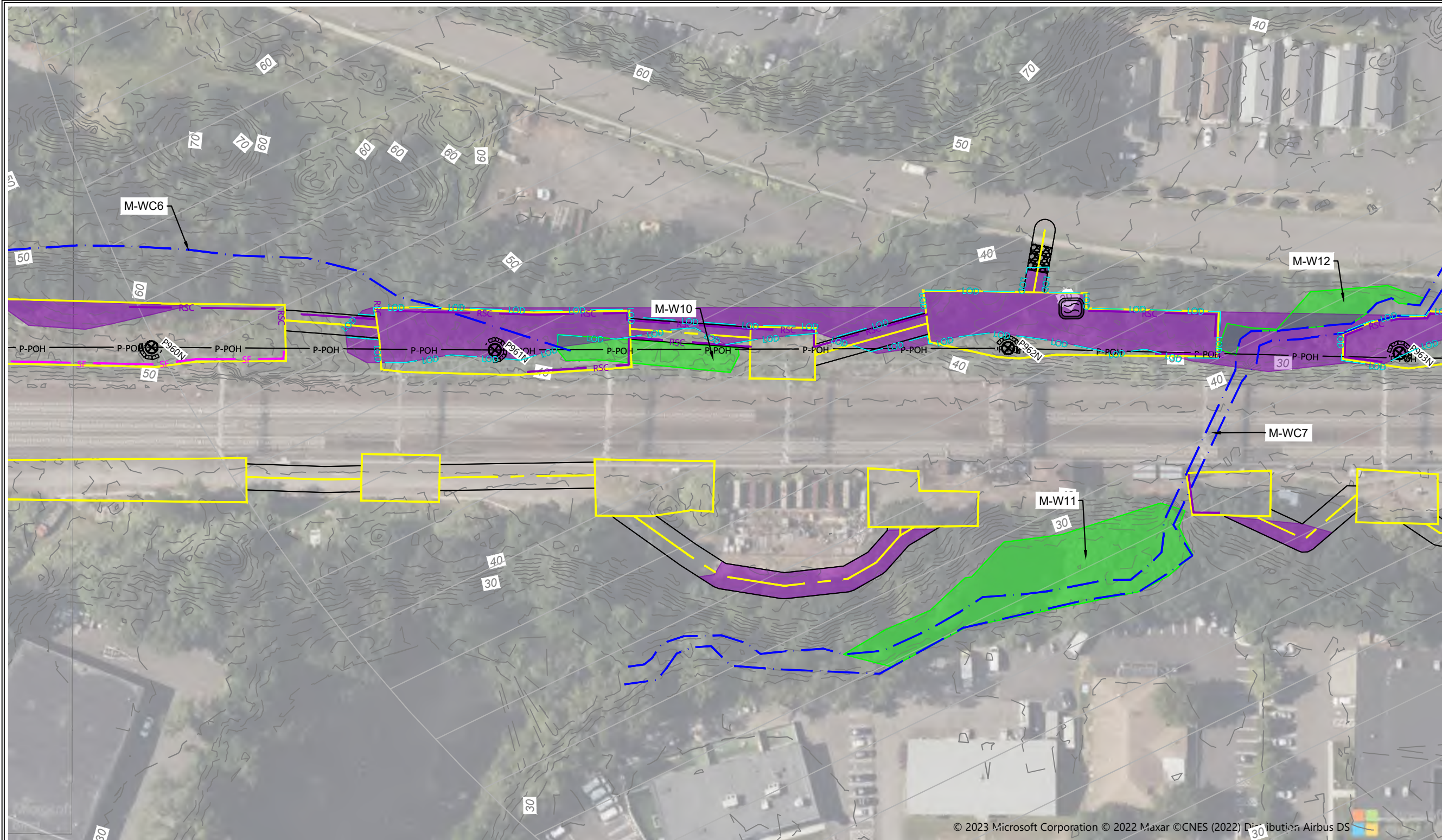
**LEGEND**

- |  |   |  |  |  |                                 |  |                  |
|--|---|--|--|--|---------------------------------|--|------------------|
|  | ROCK CONSTRUCTION ENTRANCE              |  | PROPOSED TRANSMISSION POLE                       |  | FIELD DELINEATED TIDAL WETLAND  |  | OUTFALL LOCATION |
|  | CONCRETE WASHOUT                        |  | EXISTING TRANSMISSION POLE                       |  | FIELD DELINEATED WETLAND        |  |                  |
|  | CATCH BASIN INLET PROTECTION            |  | PROPOSED TRANSMISSION CENTER LINE                |  | FIELD DELINEATED STREAM         |  |                  |
|  | HAY BALE SEDIMENT PROTECTION            |  | LIMIT OF DISTURBANCE - MAT ALL AREA WITHIN LIMIT |  | FIELD DELINEATED TIDAL STREAM   |  |                  |
|  | SEDIMENT BARRIER                        |  | PROPOSED TEMPORARY ACCESS ROAD                   |  | FLOODPLAIN                      |  |                  |
|  | REDUNDANT SEDIMENT BARRIER - DOUBLE ROW |  | PROPOSED PERMANENT ACCESS ROAD TO REMAIN         |  | PROPOSED TREE CLEARING          |  |                  |
|  | EXCLUSIONARY BARRIER                    |  | PROPOSED WORK/PULLING CONSTRUCTION AREA          |  | NATURAL DIVERSITY DATABASE AREA |  |                  |

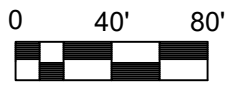
**NOTES:**  
1. BASE PLANS PREPARED BY WESTWOOD PROFESSIONAL SERVICES, 12/15/2022, LAST REVISED 03/10/2023.

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DRAWING NAME: V:\Data\U\unitri - the united illuminating company\uniford to new haven, ct\un0207e\CAD\SWPCP\VF - RAIL ALIGNMENT - (1).dwg LAYOUT: 26 VFG - RAIL ALIGNMENT PLOT DATE: Apr 03, 2023 - 12:34pm OPERATOR: ASB



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DRAWN BY:	WW/ASB
REVIEWED BY:	KAM

ISSUE DATE:	03/15/2023
PROJECT NUMBER:	UNI9212.EE
SHEET SIZE:	11"x17"

**SOIL EROSION & SEDIMENTATION CONTROL PLAN**  
MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

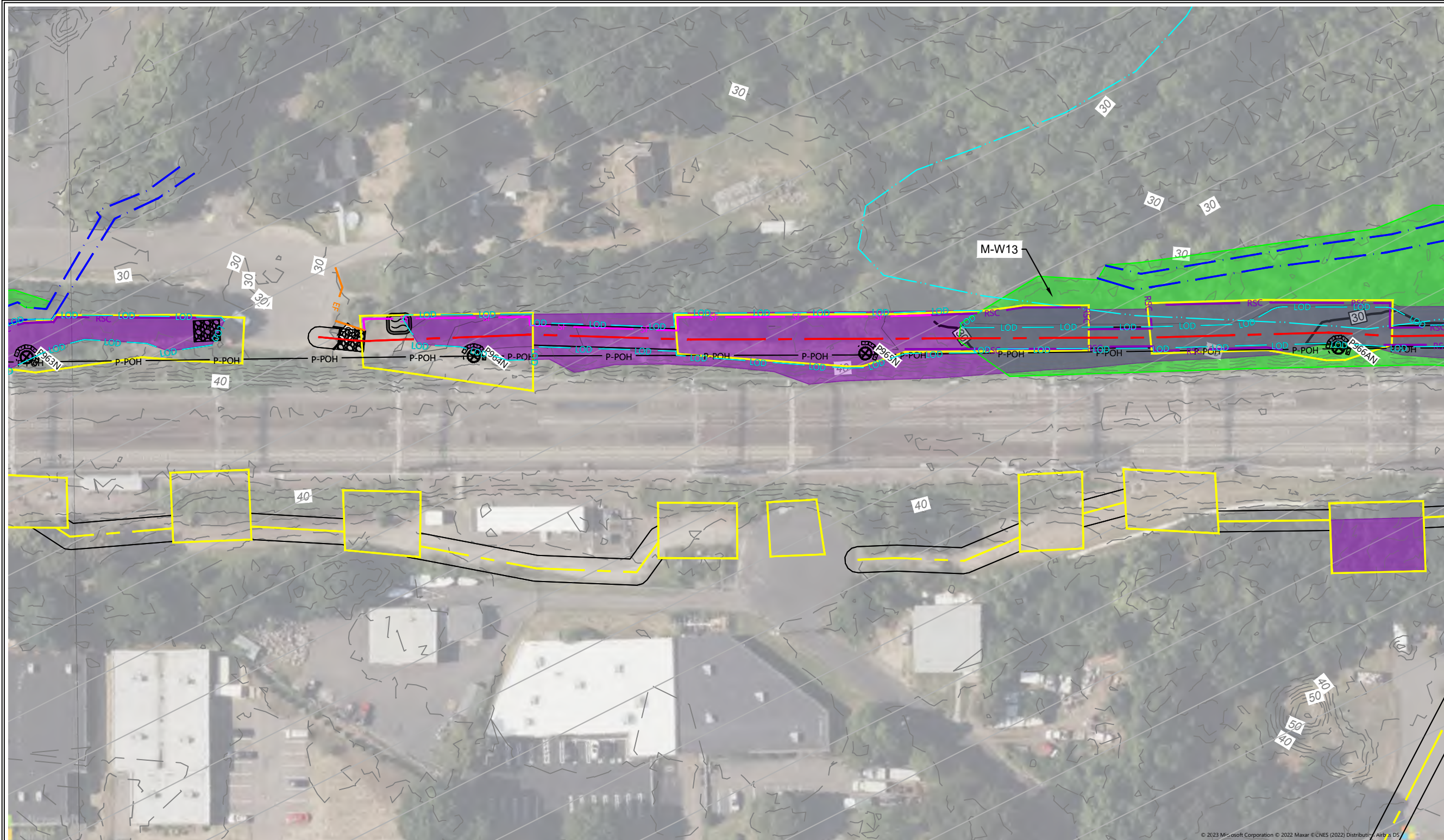
**SHEET NO. C1.1**  
SHEET 26 OF 67

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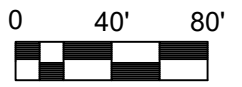
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|  | ROCK CONSTRUCTION ENTRANCE              |  | PROPOSED TRANSMISSION POLE                       |  | FIELD DELINEATED TIDAL WETLAND  |  | OUTFALL LOCATION |
|  | CONCRETE WASHOUT                        |  | EXISTING TRANSMISSION POLE                       |  | FIELD DELINEATED WETLAND        |  |                  |
|  | CATCH BASIN INLET PROTECTION            |  | PROPOSED TRANSMISSION CENTER LINE                |  | FIELD DELINEATED STREAM         |  |                  |
|  | HAY BALE SEDIMENT PROTECTION            |  | LIMIT OF DISTURBANCE - MAT ALL AREA WITHIN LIMIT |  | FIELD DELINEATED TIDAL STREAM   |  |                  |
|  | SEDIMENT BARRIER                        |  | PROPOSED TEMPORARY ACCESS ROAD                   |  | FLOODPLAIN                      |  |                  |
|  | REDUNDANT SEDIMENT BARRIER - DOUBLE ROW |  | PROPOSED PERMANENT ACCESS ROAD TO REMAIN         |  | PROPOSED TREE CLEARING          |  |                  |
|  | EXCLUSIONARY BARRIER                    |  | PROPOSED WORK/PULLING CONSTRUCTION AREA          |  | NATURAL DIVERSITY DATABASE AREA |  |                  |

**NOTES:**  
1. BASE PLANS PREPARED BY WESTWOOD PROFESSIONAL SERVICES, 12/15/2022, LAST REVISED 03/10/2023.

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REVISIONS	
NO.	DATE

DESIGNED BY:	WW/ASB
DRAWN BY:	WW/ASB
REVIEWED BY:	KAM

ISSUE DATE:	03/15/2023
PROJECT NUMBER:	UNI9212.EE
SHEET SIZE:	11"X17"

**SOIL EROSION & SEDIMENTATION CONTROL PLAN**  
 MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
 MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

**SHEET NO. C1.1**  
 SHEET 27 OF 67

**LEGEND**

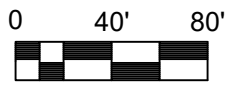
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|--|---|--|--|--|---------------------------------|--|------------------|
|  | ROCK CONSTRUCTION ENTRANCE              |  | PROPOSED TRANSMISSION POLE                       |  | FIELD DELINEATED TIDAL WETLAND  |  | OUTFALL LOCATION |
|  | CONCRETE WASHOUT                        |  | EXISTING TRANSMISSION POLE                       |  | FIELD DELINEATED WETLAND        |  |                  |
|  | CATCH BASIN INLET PROTECTION            |  | PROPOSED TRANSMISSION CENTER LINE                |  | FIELD DELINEATED STREAM         |  |                  |
|  | HAY BALE SEDIMENT PROTECTION            |  | LIMIT OF DISTURBANCE - MAT ALL AREA WITHIN LIMIT |  | FIELD DELINEATED TIDAL STREAM   |  |                  |
|  | SEDIMENT BARRIER                        |  | PROPOSED TEMPORARY ACCESS ROAD                   |  | FLOODPLAIN                      |  |                  |
|  | REDUNDANT SEDIMENT BARRIER - DOUBLE ROW |  | PROPOSED PERMANENT ACCESS ROAD TO REMAIN         |  | PROPOSED TREE CLEARING          |  |                  |
|  | EXCLUSIONARY BARRIER                    |  | PROPOSED WORK/PULLING CONSTRUCTION AREA          |  | NATURAL DIVERSITY DATABASE AREA |  |                  |

**NOTES:**  
 1. BASE PLANS PREPARED BY WESTWOOD PROFESSIONAL SERVICES, 12/15/2022, LAST REVISED 03/10/2023.

DRAWING NAME: V:\Data\U\unitri - the united illuminating company\uniford to new haven.ct\unip207e\CAD\SWPCP\VF - RAIL ALIGNMENT - (1).dwg LAYOUT: 28 VFG - RAIL ALIGNMENT PLOT DATE: Apr 03, 2023 - 12:36pm OPERATOR: ASB



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DRAWN BY: WW/ASB  
REVIEWED BY: KAM

ISSUE DATE: 03/15/2023  
PROJECT NUMBER: UNI9212.EE  
SHEET SIZE: 11"X17"

**SOIL EROSION & SEDIMENTATION CONTROL PLAN**  
MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

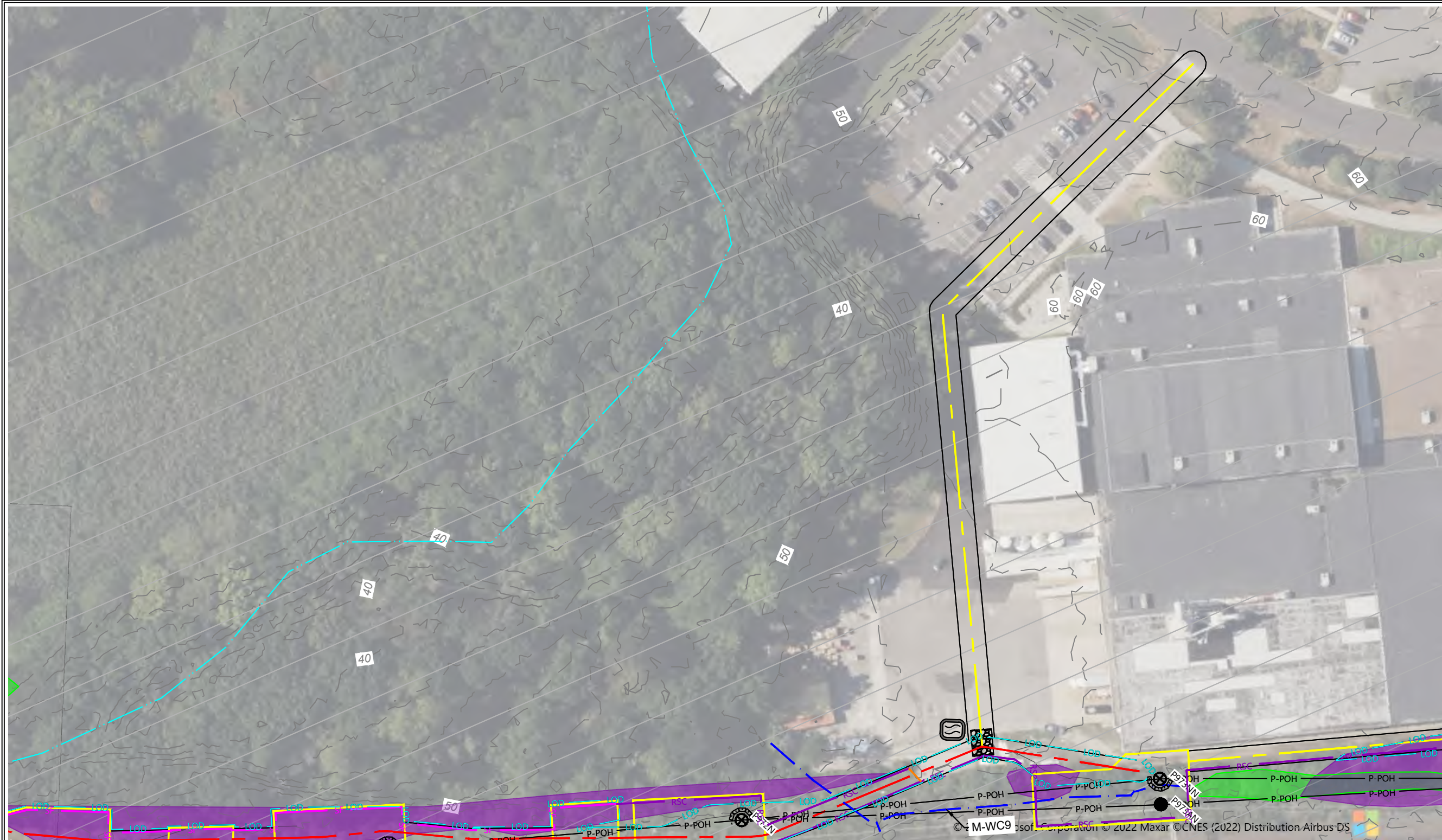
**SHEET NO. C1.1**  
SHEET 28 OF 67

**LEGEND**

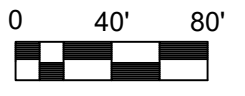
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|--|---|--|--|--|---------------------------------|--|------------------|
|  | ROCK CONSTRUCTION ENTRANCE              |  | PROPOSED TRANSMISSION POLE                       |  | FIELD DELINEATED TIDAL WETLAND  |  | OUTFALL LOCATION |
|  | CONCRETE WASHOUT                        |  | EXISTING TRANSMISSION POLE                       |  | FIELD DELINEATED WETLAND        |  |                  |
|  | CATCH BASIN INLET PROTECTION            |  | PROPOSED TRANSMISSION CENTER LINE                |  | FIELD DELINEATED STREAM         |  |                  |
|  | HAY BALE SEDIMENT PROTECTION            |  | LIMIT OF DISTURBANCE - MAT ALL AREA WITHIN LIMIT |  | FIELD DELINEATED TIDAL STREAM   |  |                  |
|  | SEDIMENT BARRIER                        |  | PROPOSED TEMPORARY ACCESS ROAD                   |  | FLOODPLAIN                      |  |                  |
|  | REDUNDANT SEDIMENT BARRIER - DOUBLE ROW |  | PROPOSED PERMANENT ACCESS ROAD TO REMAIN         |  | PROPOSED TREE CLEARING          |  |                  |
|  | EXCLUSIONARY BARRIER                    |  | PROPOSED WORK/PULLING CONSTRUCTION AREA          |  | NATURAL DIVERSITY DATABASE AREA |  |                  |

**NOTES:**  
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DESIGNED BY:	WW/ASB
DRAWN BY:	WW/ASB
REVIEWED BY:	KAM

ISSUE DATE:	03/15/2023
PROJECT NUMBER:	UNI9212.EE
SHEET SIZE:	11"x17"

**SOIL EROSION & SEDIMENTATION CONTROL PLAN**  
 MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
 MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

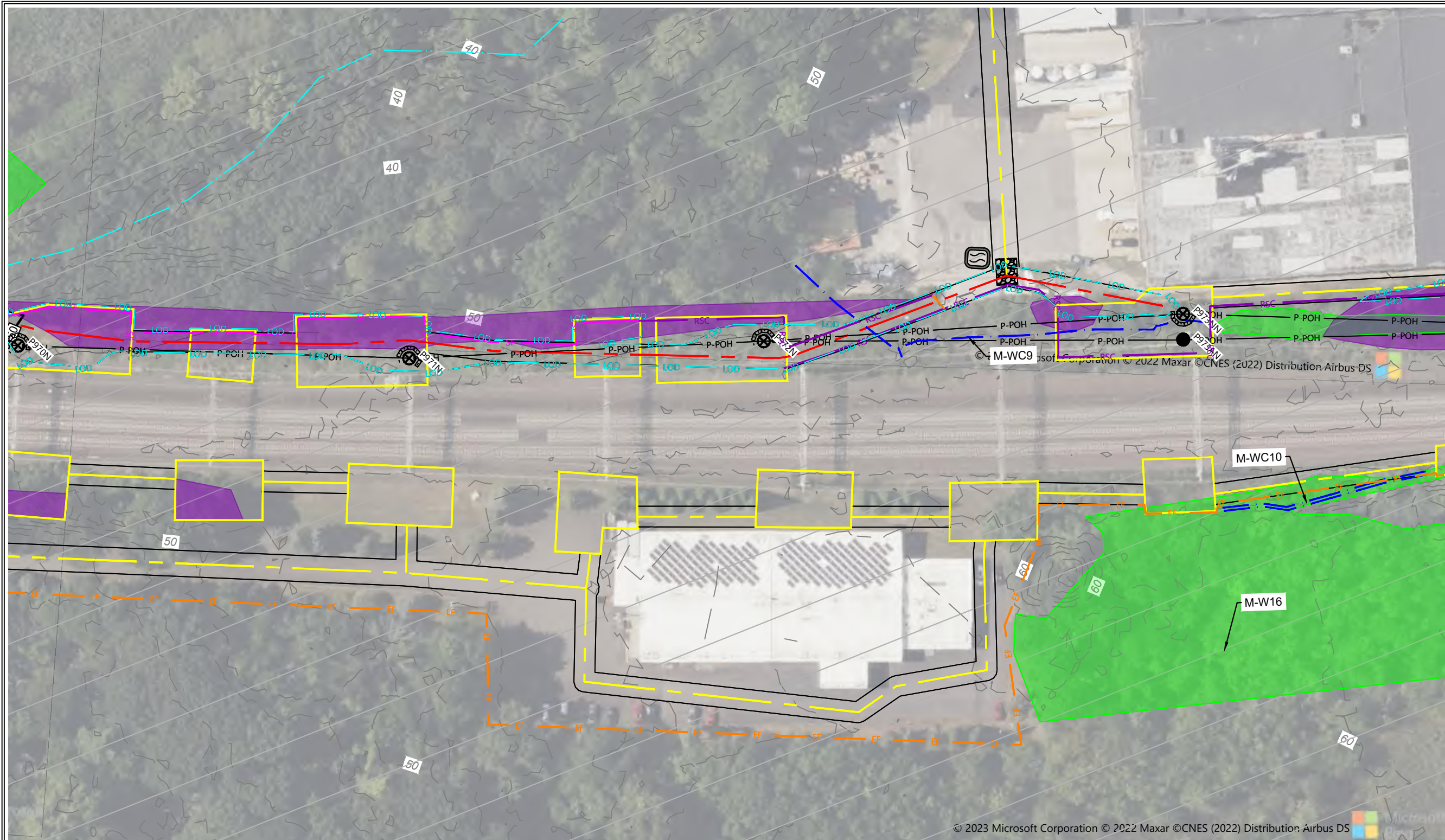
**SHEET NO. C1.1**  
 SHEET 29 OF 67

**LEGEND**

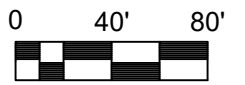
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|  | ROCK CONSTRUCTION ENTRANCE              |  | PROPOSED TRANSMISSION POLE                       |  | FIELD DELINEATED TIDAL WETLAND  |  | OUTFALL LOCATION |
|  | CONCRETE WASHOUT                        |  | EXISTING TRANSMISSION POLE                       |  | FIELD DELINEATED WETLAND        |  |                  |
|  | CATCH BASIN INLET PROTECTION            |  | PROPOSED TRANSMISSION CENTER LINE                |  | FIELD DELINEATED STREAM         |  |                  |
|  | HAY BALE SEDIMENT PROTECTION            |  | LIMIT OF DISTURBANCE - MAT ALL AREA WITHIN LIMIT |  | FIELD DELINEATED TIDAL STREAM   |  |                  |
|  | SEDIMENT BARRIER                        |  | PROPOSED TEMPORARY ACCESS ROAD                   |  | FLOODPLAIN                      |  |                  |
|  | REDUNDANT SEDIMENT BARRIER - DOUBLE ROW |  | PROPOSED PERMANENT ACCESS ROAD TO REMAIN         |  | PROPOSED TREE CLEARING          |  |                  |
|  | EXCLUSIONARY BARRIER                    |  | PROPOSED WORK/PULLING CONSTRUCTION AREA          |  | NATURAL DIVERSITY DATABASE AREA |  |                  |

**NOTES:**  
 1. BASE PLANS PREPARED BY WESTWOOD PROFESSIONAL SERVICES, 12/15/2022, LAST REVISED 03/10/2023.

DRAWING NAME: V:\Data\U\uniri - the united illuminating company\uniford to new haven, ct\unir207e\CAD\SWPCP\VFG - RAIL ALIGNMENT - (1).dwg LAYOUT: 30 VFG - RAIL ALIGNMENT PLOT DATE: Apr 03, 2023 - 12:39pm OPERATOR: ASB



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REVIEWED BY: KAM

ISSUE DATE: 03/15/2023  
PROJECT NUMBER: UNI9212.EE  
SHEET SIZE: 11"x17"

**SOIL EROSION & SEDIMENTATION CONTROL PLAN**  
MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

SHEET NO. **C1.1**  
SHEET 30 OF 67

**LEGEND**

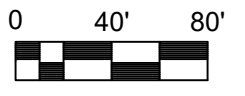
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|  | ROCK CONSTRUCTION ENTRANCE              |  | PROPOSED TRANSMISSION POLE                       |  | FIELD DELINEATED TIDAL WETLAND  |  | OUTFALL LOCATION |
|  | CONCRETE WASHOUT                        |  | EXISTING TRANSMISSION POLE                       |  | FIELD DELINEATED WETLAND        |  |                  |
|  | CATCH BASIN INLET PROTECTION            |  | PROPOSED TRANSMISSION CENTER LINE                |  | FIELD DELINEATED STREAM         |  |                  |
|  | HAY BALE SEDIMENT PROTECTION            |  | LIMIT OF DISTURBANCE - MAT ALL AREA WITHIN LIMIT |  | FIELD DELINEATED TIDAL STREAM   |  |                  |
|  | SEDIMENT BARRIER                        |  | PROPOSED TEMPORARY ACCESS ROAD                   |  | FLOODPLAIN                      |  |                  |
|  | REDUNDANT SEDIMENT BARRIER - DOUBLE ROW |  | PROPOSED PERMANENT ACCESS ROAD TO REMAIN         |  | PROPOSED TREE CLEARING          |  |                  |
|  | EXCLUSIONARY BARRIER                    |  | PROPOSED WORK/PULLING CONSTRUCTION AREA          |  | NATURAL DIVERSITY DATABASE AREA |  |                  |

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REVIEWED BY:	KAM

ISSUE DATE:	03/15/2023
PROJECT NUMBER:	UNI9212.EE
SHEET SIZE:	11"x17"

**SOIL EROSION & SEDIMENTATION CONTROL PLAN**  
MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

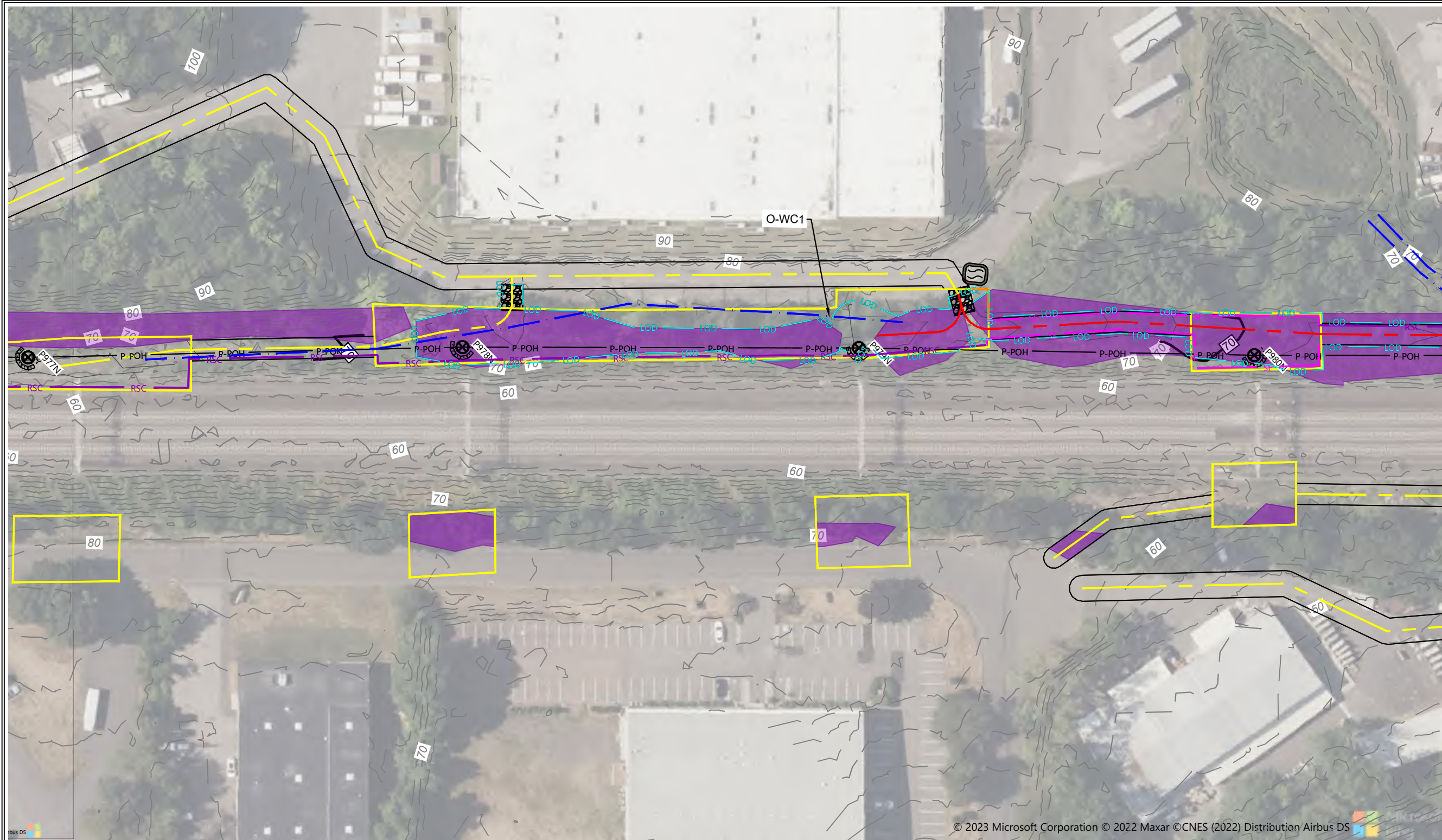
**SHEET NO. C1.1**  
SHEET 31 OF 67

**LEGEND**

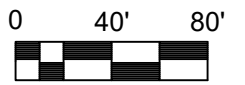
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|--|---|--|--|--|---------------------------------|--|------------------|
|  | ROCK CONSTRUCTION ENTRANCE              |  | PROPOSED TRANSMISSION POLE                       |  | FIELD DELINEATED TIDAL WETLAND  |  | OUTFALL LOCATION |
|  | CONCRETE WASHOUT                        |  | EXISTING TRANSMISSION POLE                       |  | FIELD DELINEATED WETLAND        |  |                  |
|  | CATCH BASIN INLET PROTECTION            |  | PROPOSED TRANSMISSION CENTER LINE                |  | FIELD DELINEATED STREAM         |  |                  |
|  | HAY BALE SEDIMENT PROTECTION            |  | LIMIT OF DISTURBANCE - MAT ALL AREA WITHIN LIMIT |  | FIELD DELINEATED TIDAL STREAM   |  |                  |
|  | SEDIMENT BARRIER                        |  | PROPOSED TEMPORARY ACCESS ROAD                   |  | FLOODPLAIN                      |  |                  |
|  | REDUNDANT SEDIMENT BARRIER - DOUBLE ROW |  | PROPOSED PERMANENT ACCESS ROAD TO REMAIN         |  | PROPOSED TREE CLEARING          |  |                  |
|  | EXCLUSIONARY BARRIER                    |  | PROPOSED WORK/PULLING CONSTRUCTION AREA          |  | NATURAL DIVERSITY DATABASE AREA |  |                  |

**NOTES:**  
1. BASE PLANS PREPARED BY WESTWOOD PROFESSIONAL SERVICES, 12/15/2022, LAST REVISED 03/10/2023.

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REVIEWED BY: KAM

ISSUE DATE: 03/15/2023  
PROJECT NUMBER: UNI9212.EE  
SHEET SIZE: 11"x17"

**SOIL EROSION & SEDIMENTATION CONTROL PLAN**  
MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

SHEET NO. **C1.1**  
SHEET 32 OF 67

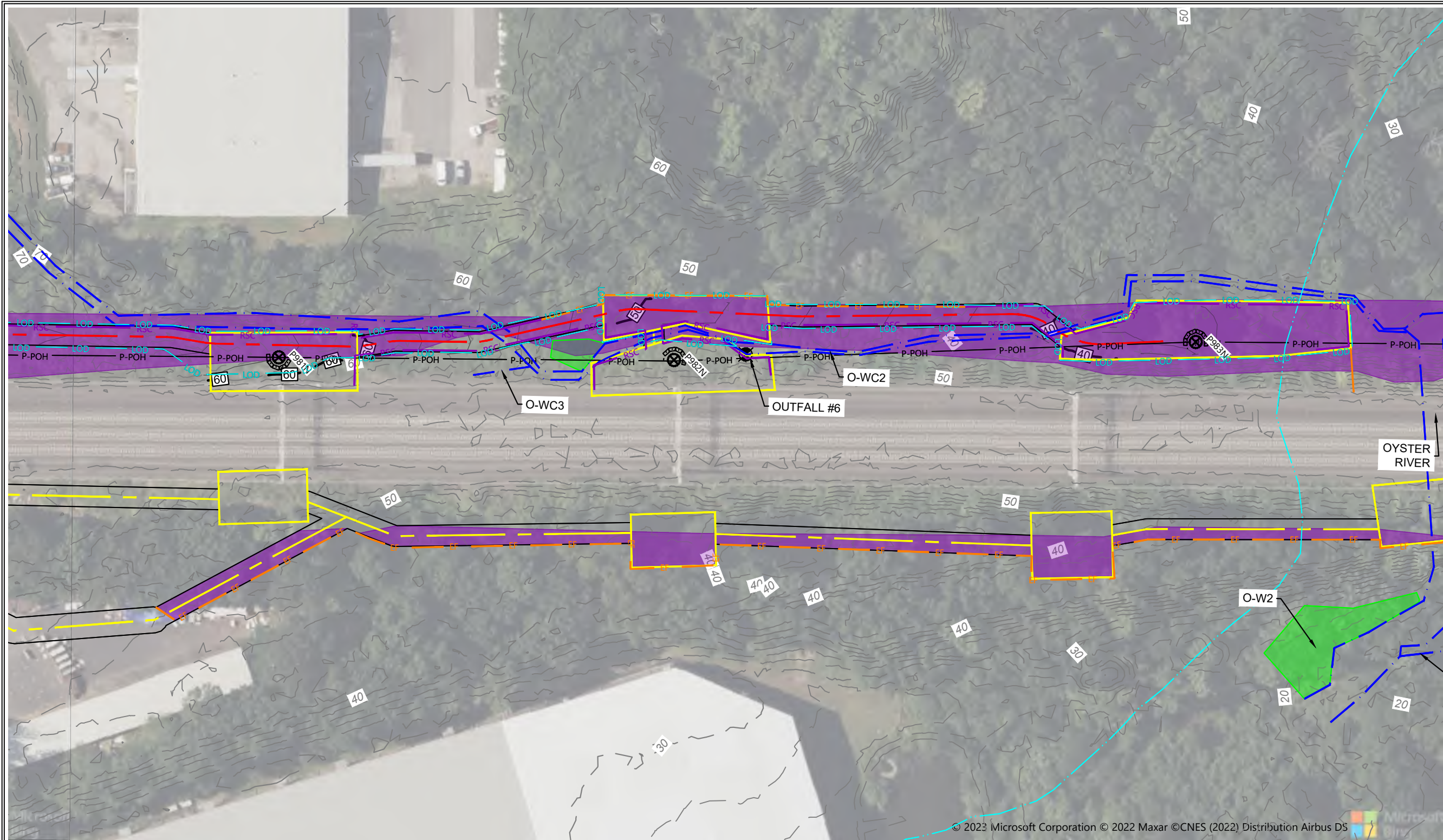
**LEGEND**

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|--|---|--|--|--|---------------------------------|--|------------------|
|  | ROCK CONSTRUCTION ENTRANCE              |  | PROPOSED TRANSMISSION POLE                       |  | FIELD DELINEATED TIDAL WETLAND  |  | OUTFALL LOCATION |
|  | CONCRETE WASHOUT                        |  | EXISTING TRANSMISSION POLE                       |  | FIELD DELINEATED WETLAND        |  |                  |
|  | CATCH BASIN INLET PROTECTION            |  | PROPOSED TRANSMISSION CENTER LINE                |  | FIELD DELINEATED STREAM         |  |                  |
|  | HAY BALE SEDIMENT PROTECTION            |  | LIMIT OF DISTURBANCE - MAT ALL AREA WITHIN LIMIT |  | FIELD DELINEATED TIDAL STREAM   |  |                  |
|  | SEDIMENT BARRIER                        |  | PROPOSED TEMPORARY ACCESS ROAD                   |  | FLOODPLAIN                      |  |                  |
|  | REDUNDANT SEDIMENT BARRIER - DOUBLE ROW |  | PROPOSED PERMANENT ACCESS ROAD TO REMAIN         |  | PROPOSED TREE CLEARING          |  |                  |
|  | EXCLUSIONARY BARRIER                    |  | PROPOSED WORK/PULLING CONSTRUCTION AREA          |  | NATURAL DIVERSITY DATABASE AREA |  |                  |

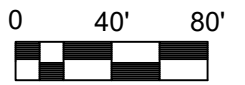
**NOTES:**  
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REVIEWED BY: KAM

ISSUE DATE: 03/15/2023  
PROJECT NUMBER: UNI9212.EE  
SHEET SIZE: 11"x17"

**SOIL EROSION & SEDIMENTATION CONTROL PLAN**  
MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

**SHEET NO. C1.1**  
SHEET 33 OF 67

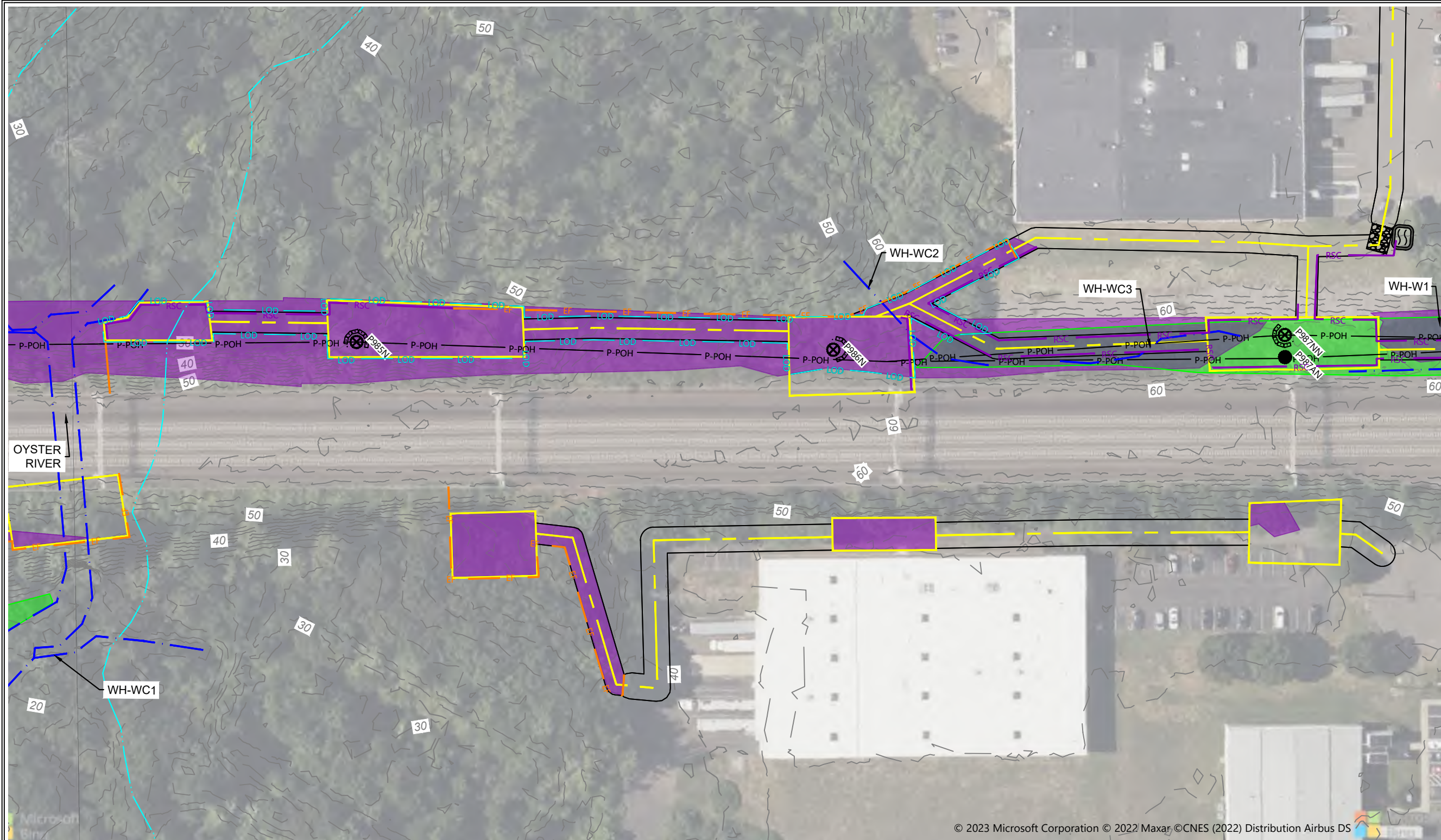
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**LEGEND**

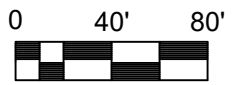
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|--|---|--|--|--|---------------------------------|--|------------------|
|  | ROCK CONSTRUCTION ENTRANCE              |  | PROPOSED TRANSMISSION POLE                       |  | FIELD DELINEATED TIDAL WETLAND  |  | OUTFALL LOCATION |
|  | CONCRETE WASHOUT                        |  | EXISTING TRANSMISSION POLE                       |  | FIELD DELINEATED WETLAND        |  |                  |
|  | CATCH BASIN INLET PROTECTION            |  | PROPOSED TRANSMISSION CENTER LINE                |  | FIELD DELINEATED STREAM         |  |                  |
|  | HAY BALE SEDIMENT PROTECTION            |  | LIMIT OF DISTURBANCE - MAT ALL AREA WITHIN LIMIT |  | FIELD DELINEATED TIDAL STREAM   |  |                  |
|  | SEDIMENT BARRIER                        |  | PROPOSED TEMPORARY ACCESS ROAD                   |  | FLOODPLAIN                      |  |                  |
|  | REDUNDANT SEDIMENT BARRIER - DOUBLE ROW |  | PROPOSED PERMANENT ACCESS ROAD TO REMAIN         |  | PROPOSED TREE CLEARING          |  |                  |
|  | EXCLUSIONARY BARRIER                    |  | PROPOSED WORK/PULLING CONSTRUCTION AREA          |  | NATURAL DIVERSITY DATABASE AREA |  |                  |

**NOTES:**  
1. BASE PLANS PREPARED BY WESTWOOD PROFESSIONAL SERVICES, 12/15/2022, LAST REVISED 03/10/2023.

DRAWING NAME: V:\Data\U\uniti - the united illuminating company\uniford to new haven.ct\uniford207e\CAD\SWPCP\VF - RAIL ALIGNMENT - (1).dwg LAYOUT: 34 VFG - RAIL ALIGNMENT PLOT DATE: Apr 03, 2023 - 12:43pm OPERATOR: ASB



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DRAWN BY: WW/ASB  
REVIEWED BY: KAM

ISSUE DATE: 03/15/2023  
PROJECT NUMBER: UNI9212.EE  
SHEET SIZE: 11"X17"

**SOIL EROSION & SEDIMENTATION CONTROL PLAN**  
MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

SHEET NO. **C1.1**  
SHEET 34 OF 67

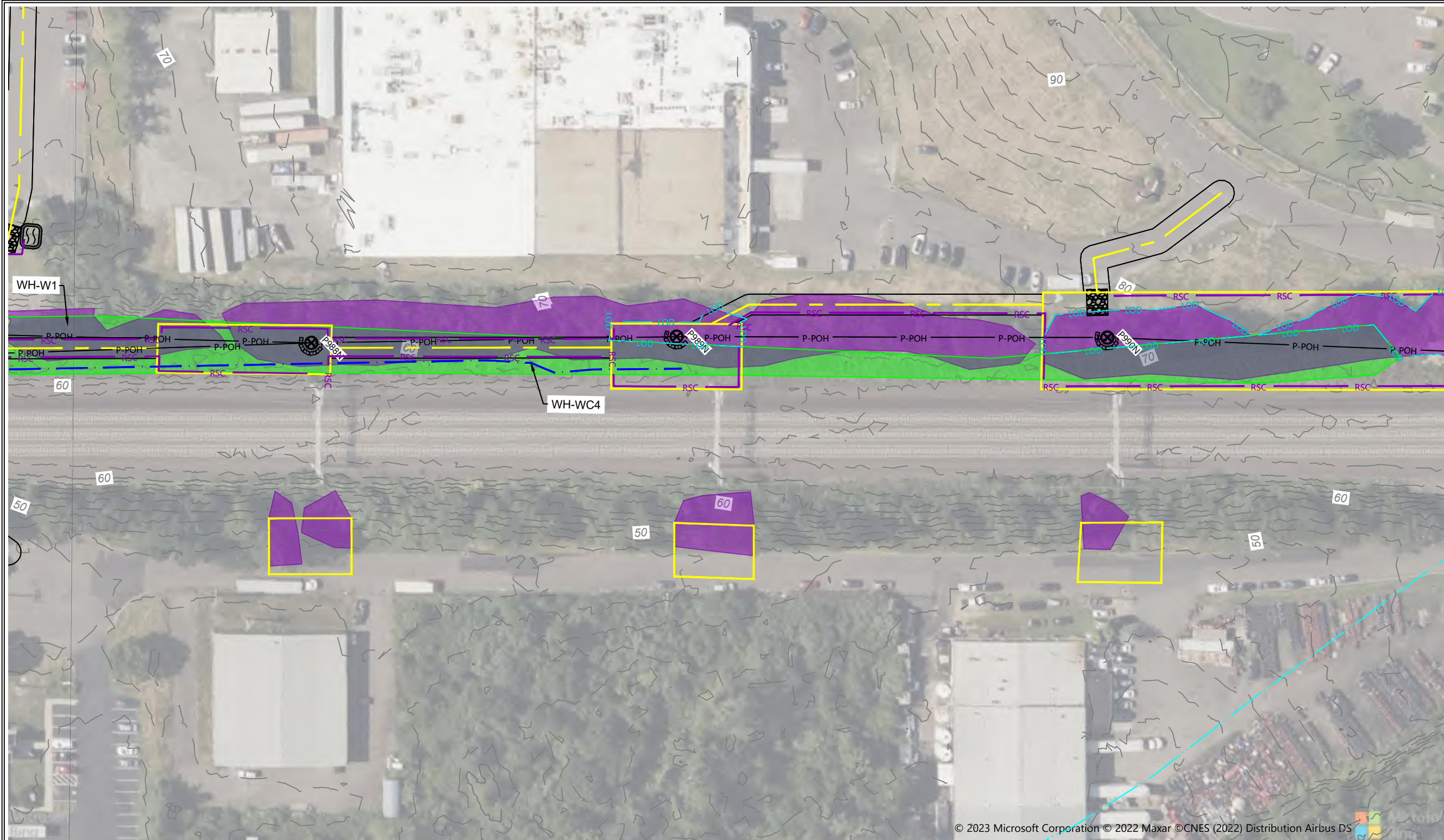
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**LEGEND**

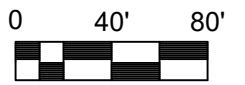
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|--|---|--|--|--|---------------------------------|--|------------------|
|  | ROCK CONSTRUCTION ENTRANCE              |  | PROPOSED TRANSMISSION POLE                       |  | FIELD DELINEATED TIDAL WETLAND  |  | OUTFALL LOCATION |
|  | CONCRETE WASHOUT                        |  | EXISTING TRANSMISSION POLE                       |  | FIELD DELINEATED WETLAND        |  |                  |
|  | CATCH BASIN INLET PROTECTION            |  | PROPOSED TRANSMISSION CENTER LINE                |  | FIELD DELINEATED STREAM         |  |                  |
|  | HAY BALE SEDIMENT PROTECTION            |  | LIMIT OF DISTURBANCE - MAT ALL AREA WITHIN LIMIT |  | FIELD DELINEATED TIDAL STREAM   |  |                  |
|  | SEDIMENT BARRIER                        |  | PROPOSED TEMPORARY ACCESS ROAD                   |  | FLOODPLAIN                      |  |                  |
|  | REDUNDANT SEDIMENT BARRIER - DOUBLE ROW |  | PROPOSED PERMANENT ACCESS ROAD TO REMAIN         |  | PROPOSED TREE CLEARING          |  |                  |
|  | EXCLUSIONARY BARRIER                    |  | PROPOSED WORK/PULLING CONSTRUCTION AREA          |  | NATURAL DIVERSITY DATABASE AREA |  |                  |

**NOTES:**  
1. BASE PLANS PREPARED BY WESTWOOD PROFESSIONAL SERVICES, 12/15/2022, LAST REVISED 03/10/2023.

DRAWING NAME: V:\Data\U\uniti - the united illuminating company\uniford to new haven, ct\unip207e\CAD\SWPCP\VFG - RAIL ALIGNMENT - (1).dwg LAYOUT: 35 VFG - RAIL ALIGNMENT PLOT DATE: Apr 03, 2023 - 12:44pm OPERATOR: ASB



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DRAWN BY:	WW/ASB
REVIEWED BY:	KAM

ISSUE DATE:	03/15/2023
PROJECT NUMBER:	UNI9212.EE
SHEET SIZE:	11"X17"

**SOIL EROSION & SEDIMENTATION CONTROL PLAN**  
MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

**SHEET NO. C1.1**  
SHEET 35 OF 67

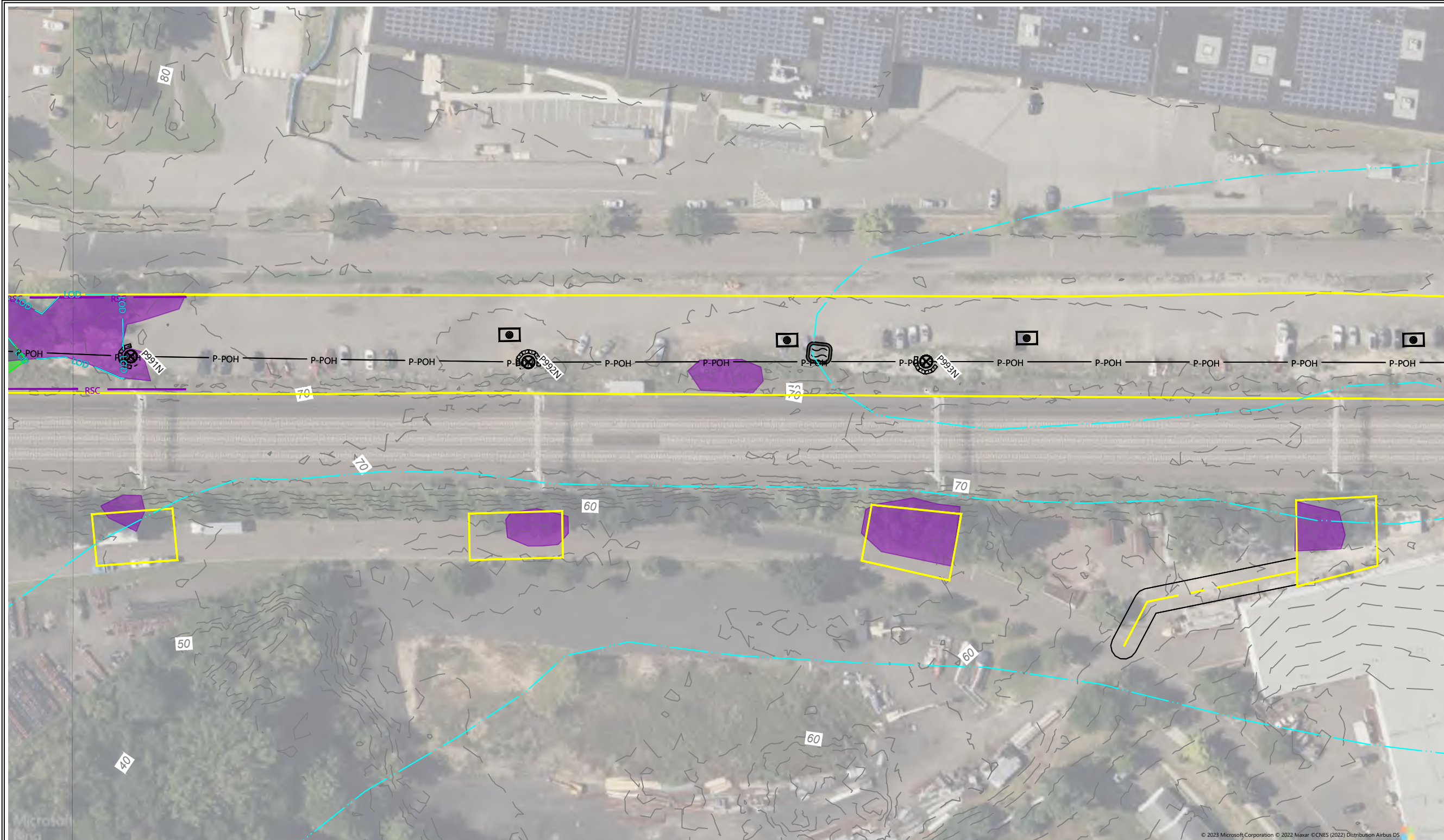
**LEGEND**

- |  |   |  |  |  |                                 |  |                  |
|--|---|--|--|--|---------------------------------|--|------------------|
|  | ROCK CONSTRUCTION ENTRANCE              |  | PROPOSED TRANSMISSION POLE                       |  | FIELD DELINEATED TIDAL WETLAND  |  | OUTFALL LOCATION |
|  | CONCRETE WASHOUT                        |  | EXISTING TRANSMISSION POLE                       |  | FIELD DELINEATED WETLAND        |  |                  |
|  | CATCH BASIN INLET PROTECTION            |  | PROPOSED TRANSMISSION CENTER LINE                |  | FIELD DELINEATED STREAM         |  |                  |
|  | HAY BALE SEDIMENT PROTECTION            |  | LIMIT OF DISTURBANCE - MAT ALL AREA WITHIN LIMIT |  | FIELD DELINEATED TIDAL STREAM   |  |                  |
|  | SEDIMENT BARRIER                        |  | PROPOSED TEMPORARY ACCESS ROAD                   |  | FLOODPLAIN                      |  |                  |
|  | REDUNDANT SEDIMENT BARRIER - DOUBLE ROW |  | PROPOSED PERMANENT ACCESS ROAD TO REMAIN         |  | PROPOSED TREE CLEARING          |  |                  |
|  | EXCLUSIONARY BARRIER                    |  | PROPOSED WORK/PULLING CONSTRUCTION AREA          |  | NATURAL DIVERSITY DATABASE AREA |  |                  |

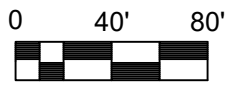
**NOTES:**  
1. BASE PLANS PREPARED BY WESTWOOD PROFESSIONAL SERVICES, 12/15/2022, LAST REVISED 03/10/2023.

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DRAWN BY:	WW/ASB
REVIEWED BY:	KAM

ISSUE DATE:	03/15/2023
PROJECT NUMBER:	UNI9212.EE
SHEET SIZE:	11"X17"

**SOIL EROSION & SEDIMENTATION CONTROL PLAN**  
MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

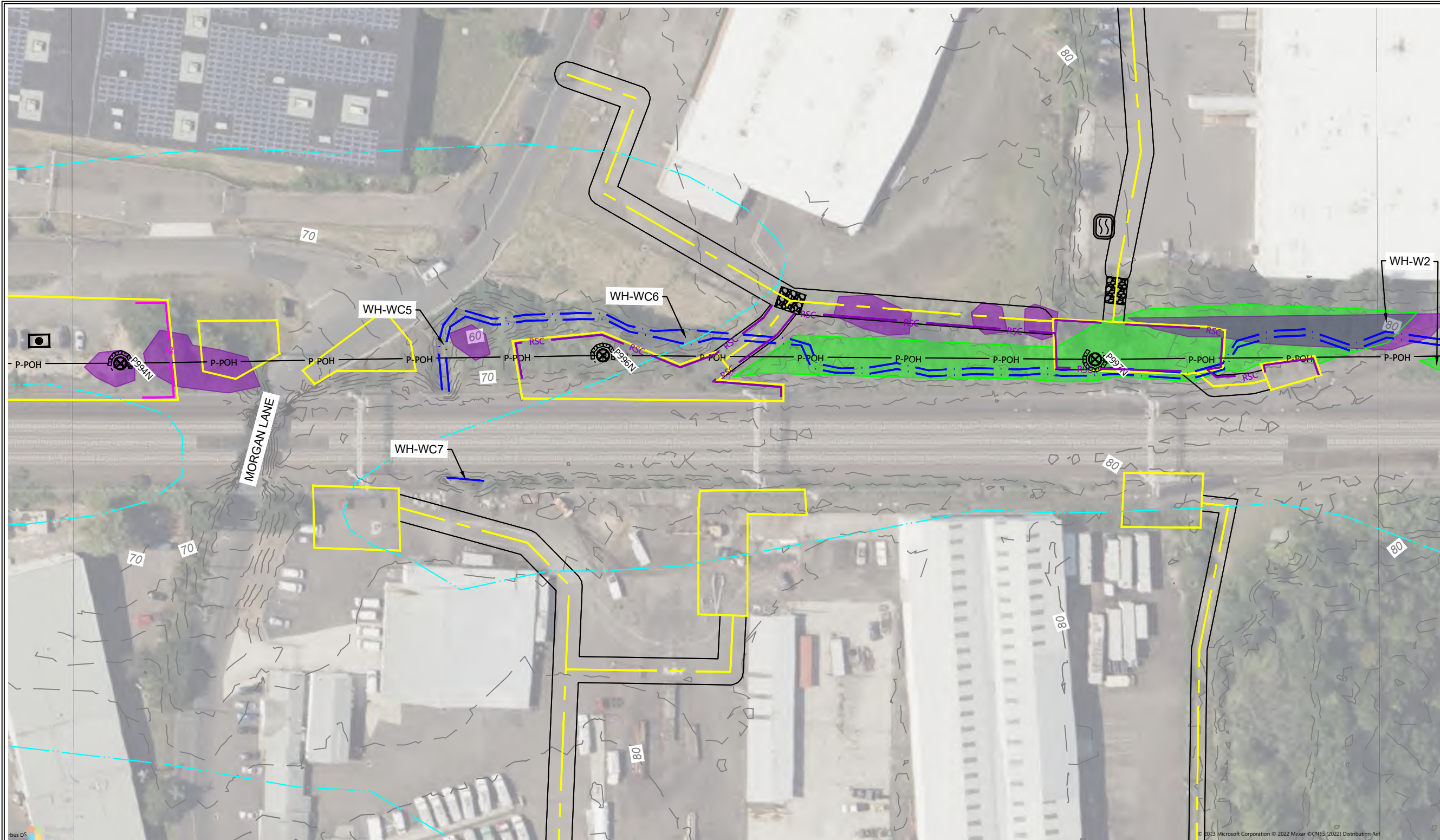
**SHEET NO. C1.1**  
SHEET 36 OF 67

**LEGEND**

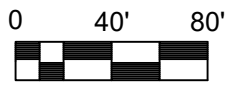
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|--|---|--|--|--|---------------------------------|--|------------------|
|  | ROCK CONSTRUCTION ENTRANCE              |  | PROPOSED TRANSMISSION POLE                       |  | FIELD DELINEATED TIDAL WETLAND  |  | OUTFALL LOCATION |
|  | CONCRETE WASHOUT                        |  | EXISTING TRANSMISSION POLE                       |  | FIELD DELINEATED WETLAND        |  |                  |
|  | CATCH BASIN INLET PROTECTION            |  | PROPOSED TRANSMISSION CENTER LINE                |  | FIELD DELINEATED STREAM         |  |                  |
|  | HAY BALE SEDIMENT PROTECTION            |  | LIMIT OF DISTURBANCE - MAT ALL AREA WITHIN LIMIT |  | FIELD DELINEATED TIDAL STREAM   |  |                  |
|  | SEDIMENT BARRIER                        |  | PROPOSED TEMPORARY ACCESS ROAD                   |  | FLOODPLAIN                      |  |                  |
|  | REDUNDANT SEDIMENT BARRIER - DOUBLE ROW |  | PROPOSED PERMANENT ACCESS ROAD TO REMAIN         |  | PROPOSED TREE CLEARING          |  |                  |
|  | EXCLUSIONARY BARRIER                    |  | PROPOSED WORK/PULLING CONSTRUCTION AREA          |  | NATURAL DIVERSITY DATABASE AREA |  |                  |

**NOTES:**  
1. BASE PLANS PREPARED BY WESTWOOD PROFESSIONAL SERVICES, 12/15/2022, LAST REVISED 03/10/2023.

DRAWING NAME: V:\Data\U\uniti - the united illuminating company\uniford to new haven.ct\uniford207e\CAD\SWPCP\VFG - RAIL ALIGNMENT - (1).dwg LAYOUT: 37 VFG - RAIL ALIGNMENT PLOT DATE: Apr 03, 2023 - 12:46pm OPERATOR: ASB



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DRAWN BY:	WW/ASB
REVIEWED BY:	KAM

ISSUE DATE:	03/15/2023
PROJECT NUMBER:	UNI9212.EE
SHEET SIZE:	11"x17"

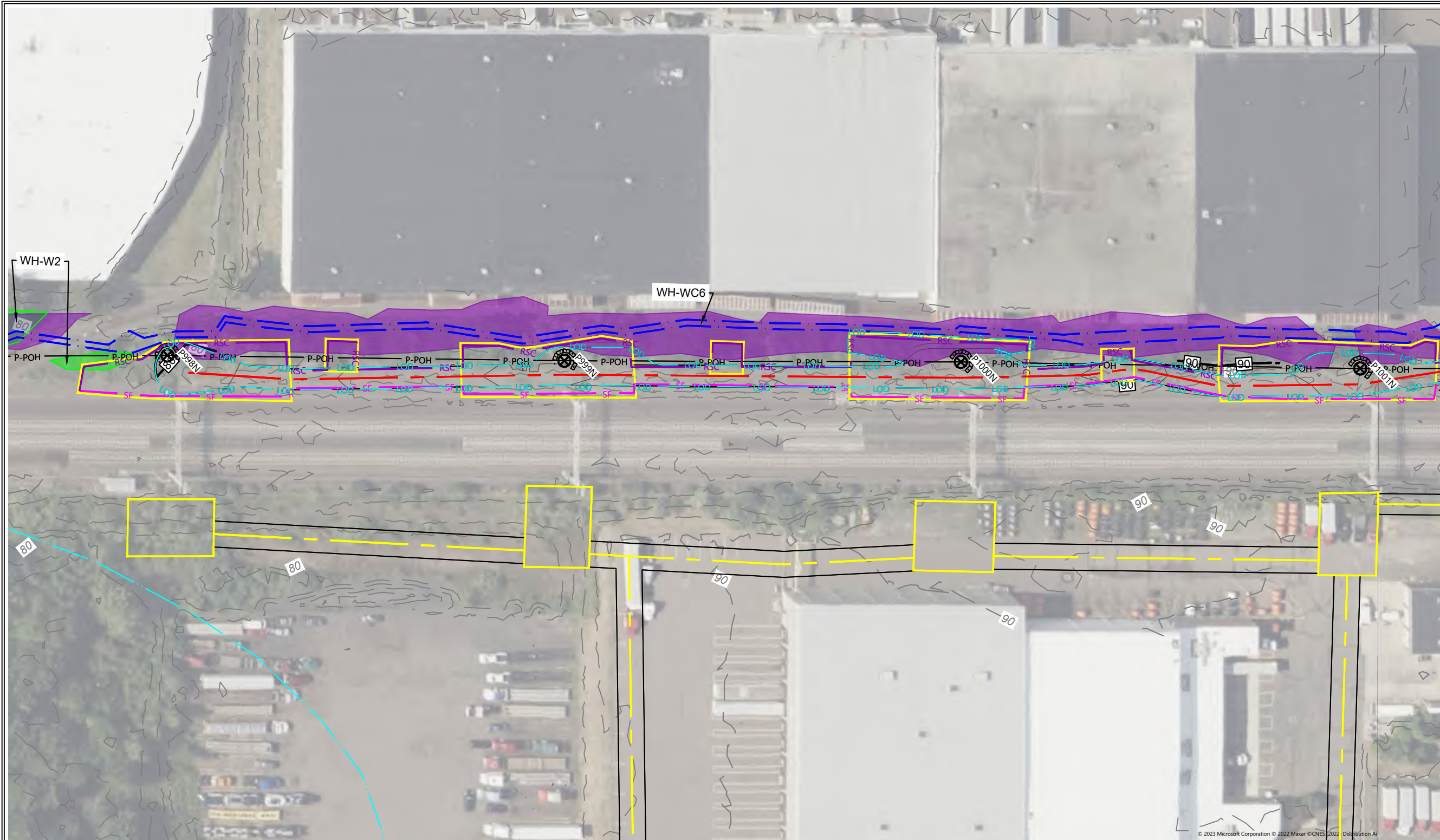
**SOIL EROSION & SEDIMENTATION CONTROL PLAN**  
MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

**SHEET NO. C1.1**  
SHEET 37 OF 67

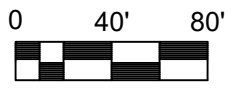
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|--|---|--|--|--|---------------------------------|--|------------------|
|  | ROCK CONSTRUCTION ENTRANCE              |  | PROPOSED TRANSMISSION POLE                       |  | FIELD DELINEATED TIDAL WETLAND  |  | OUTFALL LOCATION |
|  | CONCRETE WASHOUT                        |  | EXISTING TRANSMISSION POLE                       |  | FIELD DELINEATED WETLAND        |  |                  |
|  | CATCH BASIN INLET PROTECTION            |  | PROPOSED TRANSMISSION CENTER LINE                |  | FIELD DELINEATED STREAM         |  |                  |
|  | HAY BALE SEDIMENT PROTECTION            |  | LIMIT OF DISTURBANCE - MAT ALL AREA WITHIN LIMIT |  | FIELD DELINEATED TIDAL STREAM   |  |                  |
|  | SEDIMENT BARRIER                        |  | PROPOSED TEMPORARY ACCESS ROAD                   |  | FLOODPLAIN                      |  |                  |
|  | REDUNDANT SEDIMENT BARRIER - DOUBLE ROW |  | PROPOSED PERMANENT ACCESS ROAD TO REMAIN         |  | PROPOSED TREE CLEARING          |  |                  |
|  | EXCLUSIONARY BARRIER                    |  | PROPOSED WORK/PULLING CONSTRUCTION AREA          |  | NATURAL DIVERSITY DATABASE AREA |  |                  |

**NOTES:**  
1. BASE PLANS PREPARED BY WESTWOOD PROFESSIONAL SERVICES, 12/15/2022, LAST REVISED 03/10/2023.



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DRAWN BY: **WW/ASB**  
REVIEWED BY: **KAM**

ISSUE DATE: **03/15/2023**  
PROJECT NUMBER: **UNI9212.EE**  
SHEET SIZE: **11"x17"**

**SOIL EROSION & SEDIMENTATION CONTROL PLAN**  
MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

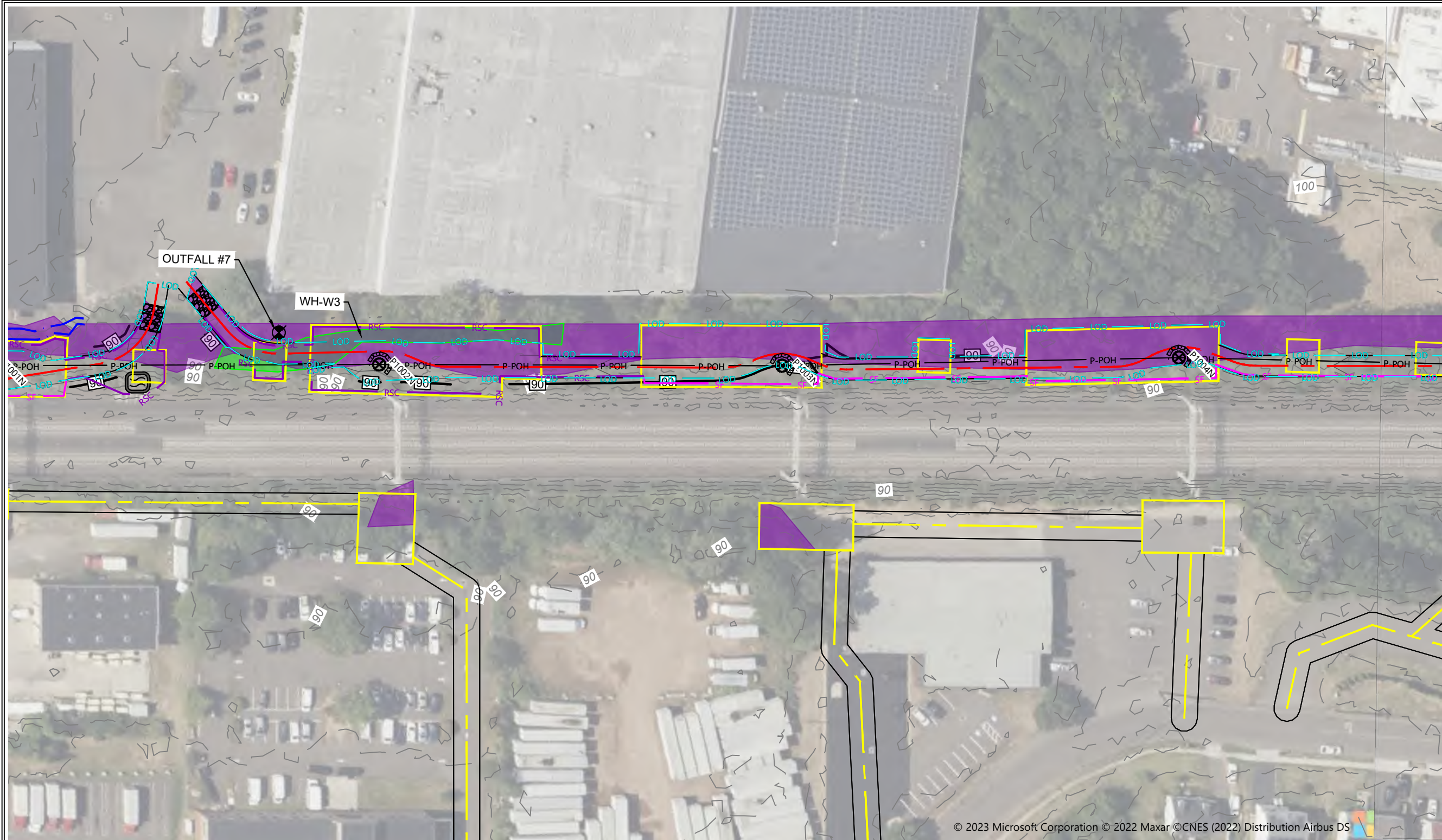
**SHEET NO. C1.1**  
SHEET 38 OF 67

**LEGEND**

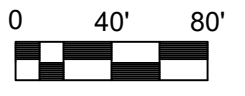
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|--|---|--|--|--|---------------------------------|--|------------------|
|  | ROCK CONSTRUCTION ENTRANCE              |  | PROPOSED TRANSMISSION POLE                       |  | FIELD DELINEATED TIDAL WETLAND  |  | OUTFALL LOCATION |
|  | CONCRETE WASHOUT                        |  | EXISTING TRANSMISSION POLE                       |  | FIELD DELINEATED WETLAND        |  |                  |
|  | CATCH BASIN INLET PROTECTION            |  | PROPOSED TRANSMISSION CENTER LINE                |  | FIELD DELINEATED STREAM         |  |                  |
|  | HAY BALE SEDIMENT PROTECTION            |  | LIMIT OF DISTURBANCE - MAT ALL AREA WITHIN LIMIT |  | FIELD DELINEATED TIDAL STREAM   |  |                  |
|  | SEDIMENT BARRIER                        |  | PROPOSED TEMPORARY ACCESS ROAD                   |  | FLOODPLAIN                      |  |                  |
|  | REDUNDANT SEDIMENT BARRIER - DOUBLE ROW |  | PROPOSED PERMANENT ACCESS ROAD TO REMAIN         |  | PROPOSED TREE CLEARING          |  |                  |
|  | EXCLUSIONARY BARRIER                    |  | PROPOSED WORK/PULLING CONSTRUCTION AREA          |  | NATURAL DIVERSITY DATABASE AREA |  |                  |

**NOTES:**  
1. BASE PLANS PREPARED BY WESTWOOD PROFESSIONAL SERVICES, 12/15/2022, LAST REVISED 03/10/2023.

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REVIEWED BY:	KAM

ISSUE DATE:	03/15/2023
PROJECT NUMBER:	UNI9212.EE
SHEET SIZE:	11"X17"

**SOIL EROSION & SEDIMENTATION CONTROL PLAN**  
MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

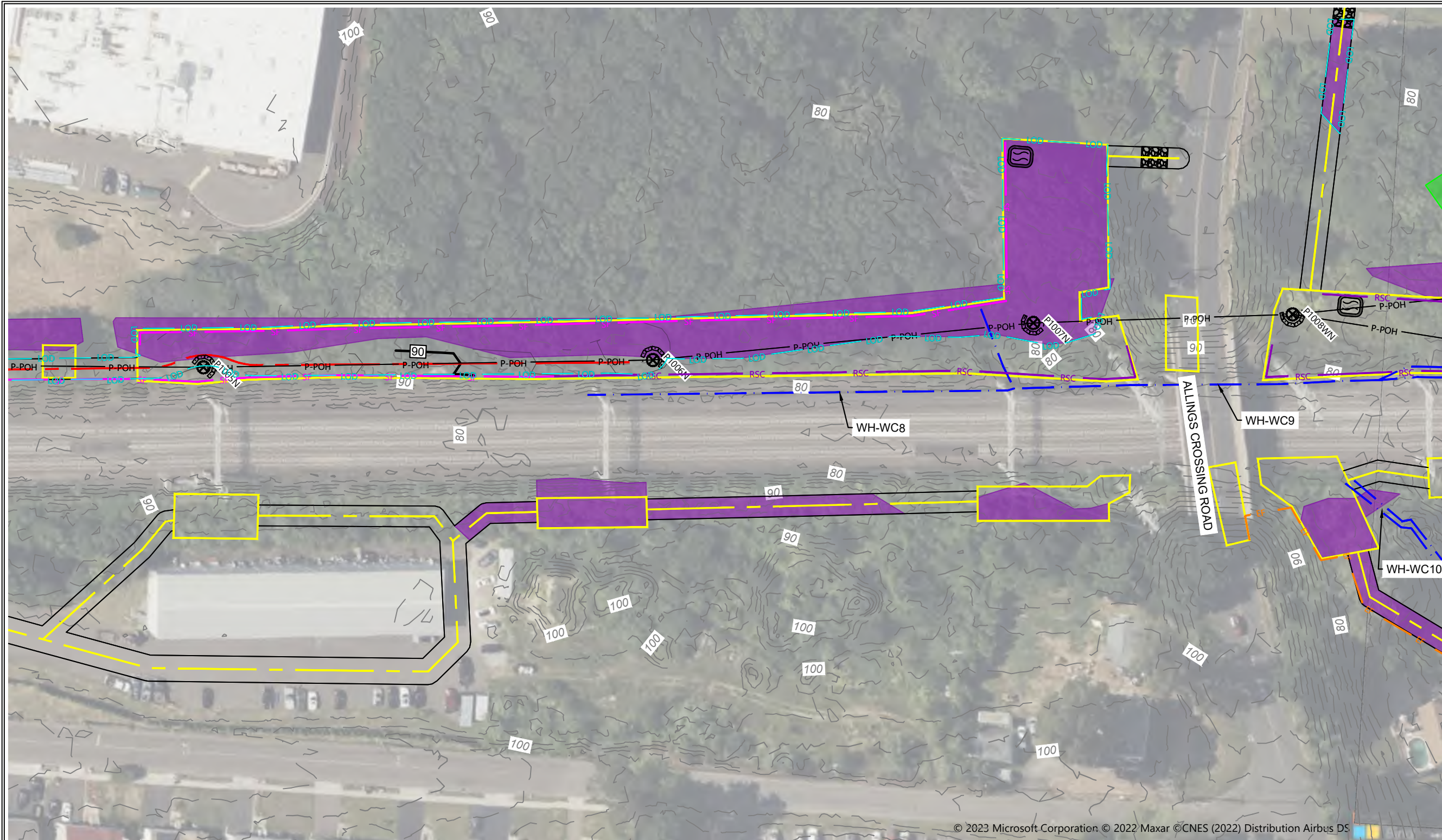
**SHEET NO. C1.1**  
SHEET 39 OF 67

**LEGEND**

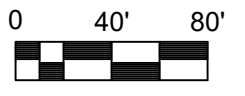
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|--|---|--|--|--|---------------------------------|--|------------------|
|  | ROCK CONSTRUCTION ENTRANCE              |  | PROPOSED TRANSMISSION POLE                       |  | FIELD DELINEATED TIDAL WETLAND  |  | OUTFALL LOCATION |
|  | CONCRETE WASHOUT                        |  | EXISTING TRANSMISSION POLE                       |  | FIELD DELINEATED WETLAND        |  |                  |
|  | CATCH BASIN INLET PROTECTION            |  | PROPOSED TRANSMISSION CENTER LINE                |  | FIELD DELINEATED STREAM         |  |                  |
|  | HAY BALE SEDIMENT PROTECTION            |  | LIMIT OF DISTURBANCE - MAT ALL AREA WITHIN LIMIT |  | FIELD DELINEATED TIDAL STREAM   |  |                  |
|  | SEDIMENT BARRIER                        |  | PROPOSED TEMPORARY ACCESS ROAD                   |  | FLOODPLAIN                      |  |                  |
|  | REDUNDANT SEDIMENT BARRIER - DOUBLE ROW |  | PROPOSED PERMANENT ACCESS ROAD TO REMAIN         |  | PROPOSED TREE CLEARING          |  |                  |
|  | EXCLUSIONARY BARRIER                    |  | PROPOSED WORK/PULLING CONSTRUCTION AREA          |  | NATURAL DIVERSITY DATABASE AREA |  |                  |

**NOTES:**  
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REVIEWED BY:	KAM

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SHEET SIZE:	11"x17"

**SOIL EROSION & SEDIMENTATION CONTROL PLAN**  
 MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
 MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

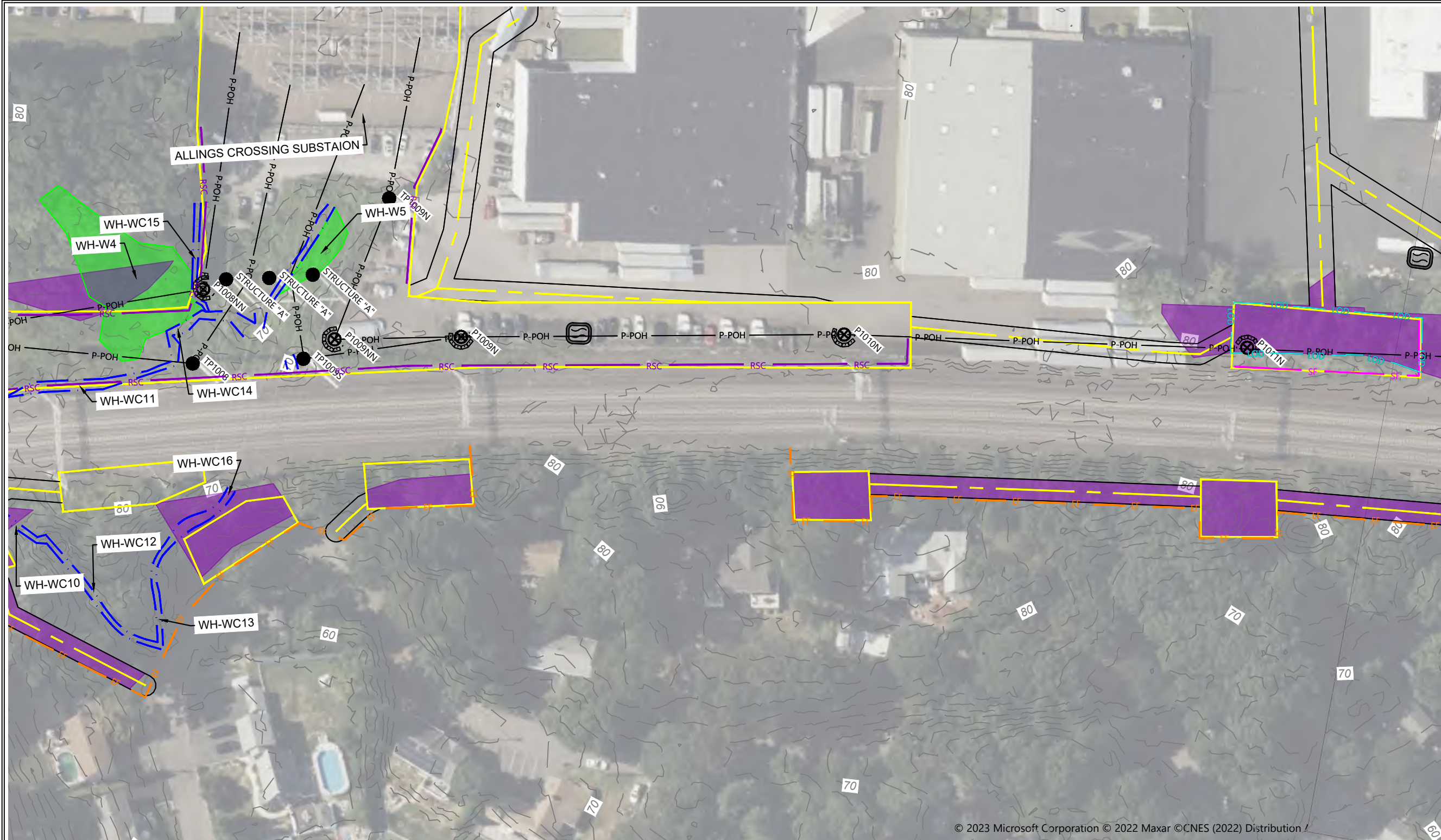
**SHEET NO. C1.1**  
 SHEET 40 OF 67

**LEGEND**

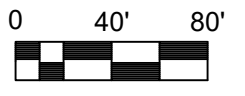
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|--|---|--|--|--|---------------------------------|--|------------------|
|  | ROCK CONSTRUCTION ENTRANCE              |  | PROPOSED TRANSMISSION POLE                       |  | FIELD DELINEATED TIDAL WETLAND  |  | OUTFALL LOCATION |
|  | CONCRETE WASHOUT                        |  | EXISTING TRANSMISSION POLE                       |  | FIELD DELINEATED WETLAND        |  |                  |
|  | CATCH BASIN INLET PROTECTION            |  | PROPOSED TRANSMISSION CENTER LINE                |  | FIELD DELINEATED STREAM         |  |                  |
|  | HAY BALE SEDIMENT PROTECTION            |  | LIMIT OF DISTURBANCE - MAT ALL AREA WITHIN LIMIT |  | FIELD DELINEATED TIDAL STREAM   |  |                  |
|  | SEDIMENT BARRIER                        |  | PROPOSED TEMPORARY ACCESS ROAD                   |  | FLOODPLAIN                      |  |                  |
|  | REDUNDANT SEDIMENT BARRIER - DOUBLE ROW |  | PROPOSED PERMANENT ACCESS ROAD TO REMAIN         |  | PROPOSED TREE CLEARING          |  |                  |
|  | EXCLUSIONARY BARRIER                    |  | PROPOSED WORK/PULLING CONSTRUCTION AREA          |  | NATURAL DIVERSITY DATABASE AREA |  |                  |

**NOTES:**  
 1. BASE PLANS PREPARED BY WESTWOOD PROFESSIONAL SERVICES, 12/15/2022, LAST REVISED 03/10/2023.

DRAWING NAME: V:\Data\U\uniri - the united illuminating company\uniford to new haven, ct\unir207e\CAD\SWPCP\VF - RAIL ALIGNMENT - (1).dwg LAYOUT: H1 VFG - RAIL ALIGNMENT PLOT DATE: Apr 03, 2023 - 12:50pm OPERATOR: ASB



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REVIEWED BY: **KAM**

ISSUE DATE: **03/15/2023**  
PROJECT NUMBER: **UNI9212.EE**  
SHEET SIZE: **11"x17"**

**SOIL EROSION & SEDIMENTATION CONTROL PLAN**  
MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

**SHEET NO. C1.1**  
SHEET 41 OF 67

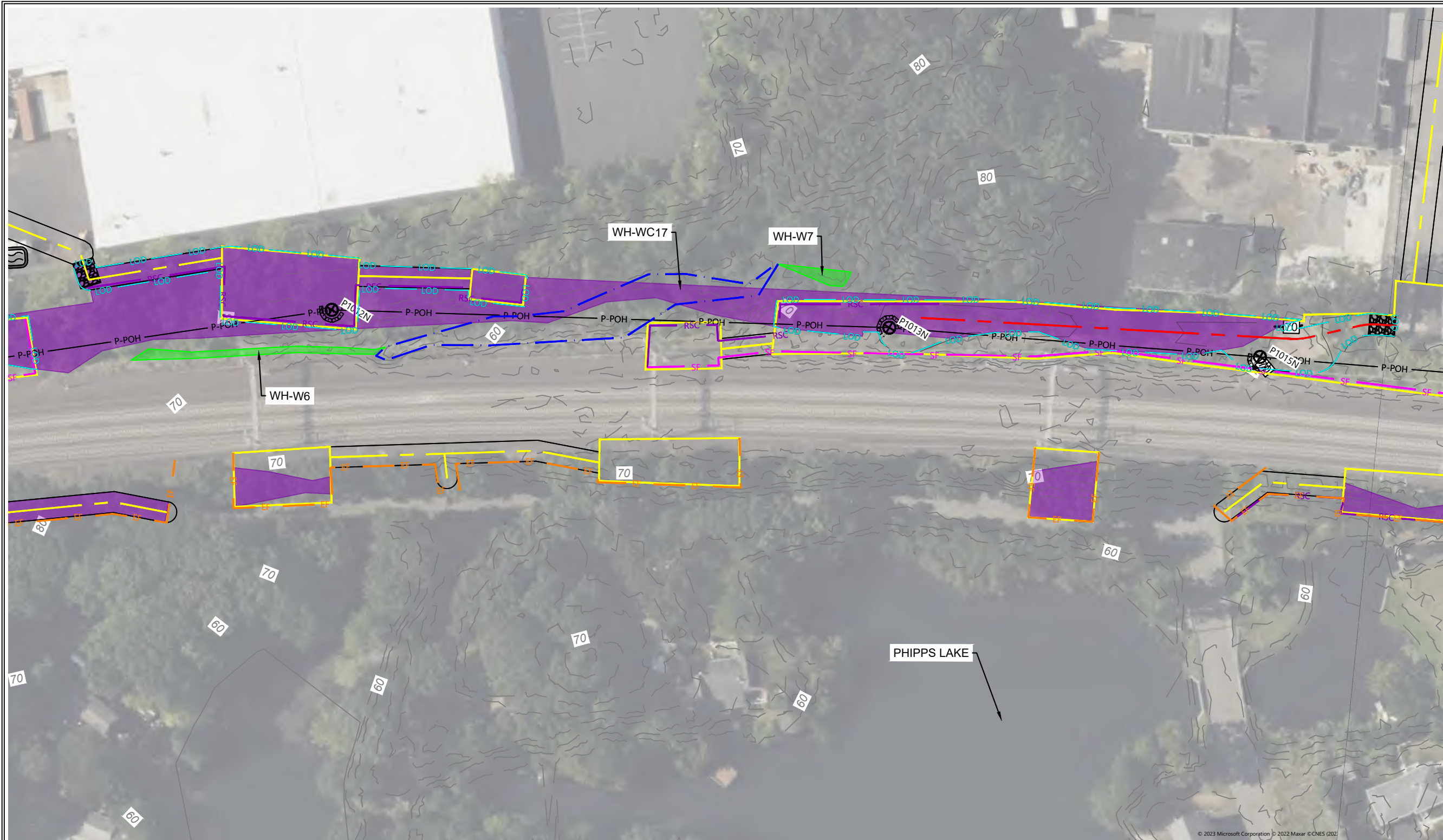
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|--|---|--|--|--|---------------------------------|--|------------------|
|  | ROCK CONSTRUCTION ENTRANCE              |  | PROPOSED TRANSMISSION POLE                       |  | FIELD DELINEATED TIDAL WETLAND  |  | OUTFALL LOCATION |
|  | CONCRETE WASHOUT                        |  | EXISTING TRANSMISSION POLE                       |  | FIELD DELINEATED WETLAND        |  |                  |
|  | CATCH BASIN INLET PROTECTION            |  | PROPOSED TRANSMISSION CENTER LINE                |  | FIELD DELINEATED STREAM         |  |                  |
|  | HAY BALE SEDIMENT PROTECTION            |  | LIMIT OF DISTURBANCE - MAT ALL AREA WITHIN LIMIT |  | FIELD DELINEATED TIDAL STREAM   |  |                  |
|  | SEDIMENT BARRIER                        |  | PROPOSED TEMPORARY ACCESS ROAD                   |  | FLOODPLAIN                      |  |                  |
|  | REDUNDANT SEDIMENT BARRIER - DOUBLE ROW |  | PROPOSED PERMANENT ACCESS ROAD TO REMAIN         |  | PROPOSED TREE CLEARING          |  |                  |
|  | EXCLUSIONARY BARRIER                    |  | PROPOSED WORK/PULLING CONSTRUCTION AREA          |  | NATURAL DIVERSITY DATABASE AREA |  |                  |

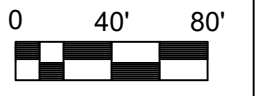
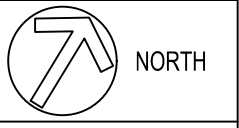
**NOTES:**  
1. BASE PLANS PREPARED BY WESTWOOD PROFESSIONAL SERVICES, 12/15/2022, LAST REVISED 03/10/2023.

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DRAWN BY: WW/ASB  
REVIEWED BY: KAM

ISSUE DATE: 03/15/2023  
PROJECT NUMBER: UNI9212.EE  
SHEET SIZE: 11"x17"

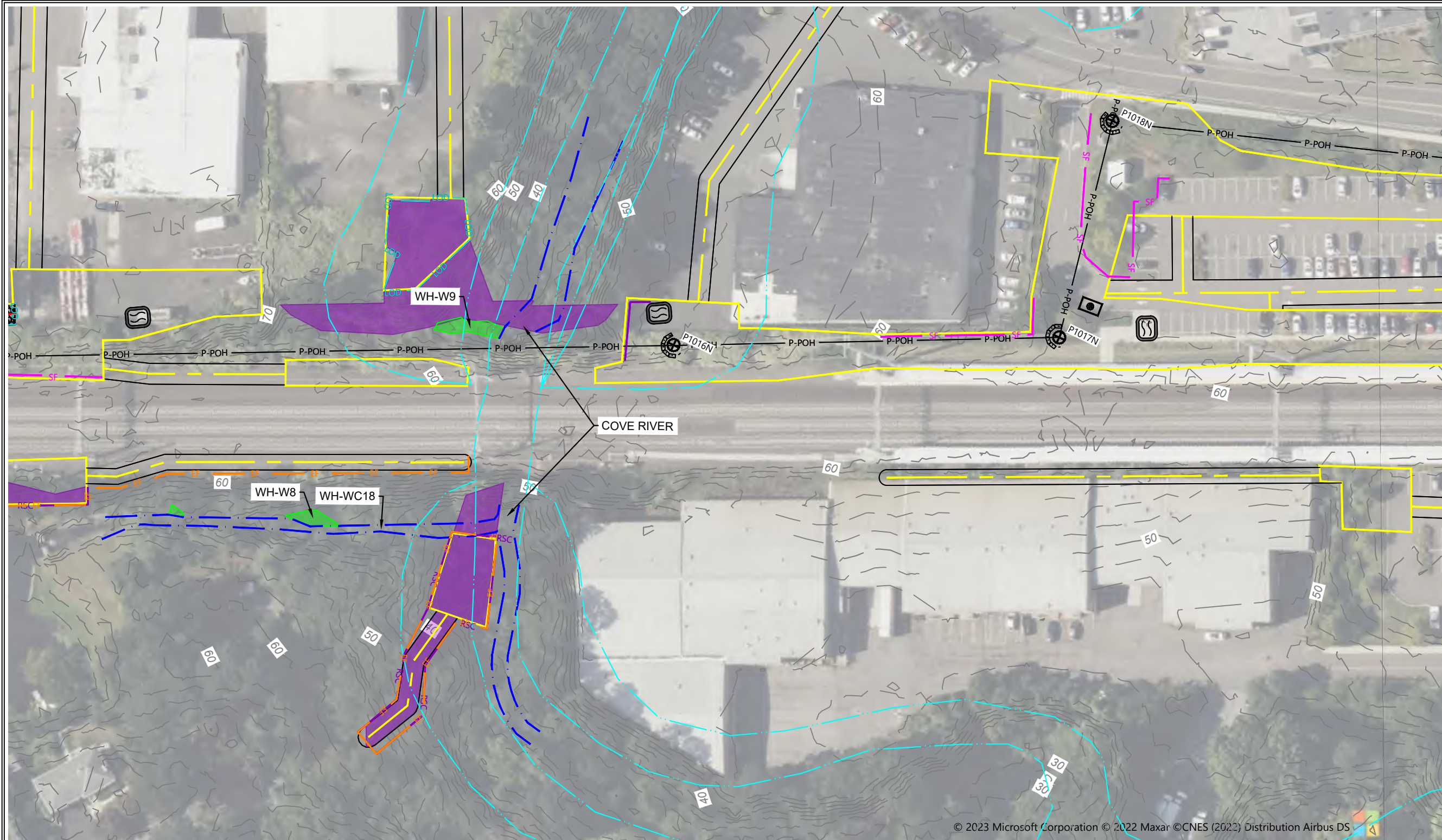
**SOIL EROSION & SEDIMENTATION CONTROL PLAN**  
MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

SHEET NO. **C1.1**  
SHEET 42 OF 67

ROCK CONSTRUCTION ENTRANCE CONCRETE WASHOUT CATCH BASIN INLET PROTECTION HAY BALE SEDIMENT PROTECTION SF SEDIMENT BARRIER RSC REDUNDANT SEDIMENT BARRIER - DOUBLE ROW EF EXCLUSIONARY BARRIER	<p><b>LEGEND</b></p> PROPOSED TRANSMISSION POLE EXISTING TRANSMISSION POLE PROPOSED TRANSMISSION CENTER LINE LOD LIMIT OF DISTURBANCE - MAT ALL AREA WITHIN LIMIT PROPOSED TEMPORARY ACCESS ROAD PROPOSED PERMANENT ACCESS ROAD TO REMAIN PROPOSED WORK/PULLING CONSTRUCTION AREA	FIELD DELINEATED TIDAL WETLAND FIELD DELINEATED WETLAND FIELD DELINEATED STREAM FIELD DELINEATED TIDAL STREAM FLOODPLAIN PROPOSED TREE CLEARING NATURAL DIVERSITY DATABASE AREA	OUTFALL LOCATION
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**NOTES:**  
1. BASE PLANS PREPARED BY WESTWOOD PROFESSIONAL SERVICES, 12/15/2022, LAST REVISED 03/10/2023.

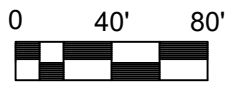
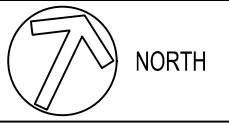
DRAWING NAME: V:\Data\U\uniti - the united illuminating company\uniford to new haven, ct\unip207e\CAD\SWPCP\VF - RAIL ALIGNMENT - (1).dwg LAYOUT: 43 VFG - RAIL ALIGNMENT PLOT DATE: Apr 03, 2023 - 12:52pm OPERATOR: ASB



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DESIGNED BY: WW/ASB  
DRAWN BY: WW/ASB  
REVIEWED BY: KAM

ISSUE DATE: 03/15/2023  
PROJECT NUMBER: UNI9212.EE  
SHEET SIZE: 11"X17"

**SOIL EROSION & SEDIMENTATION CONTROL PLAN**  
MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

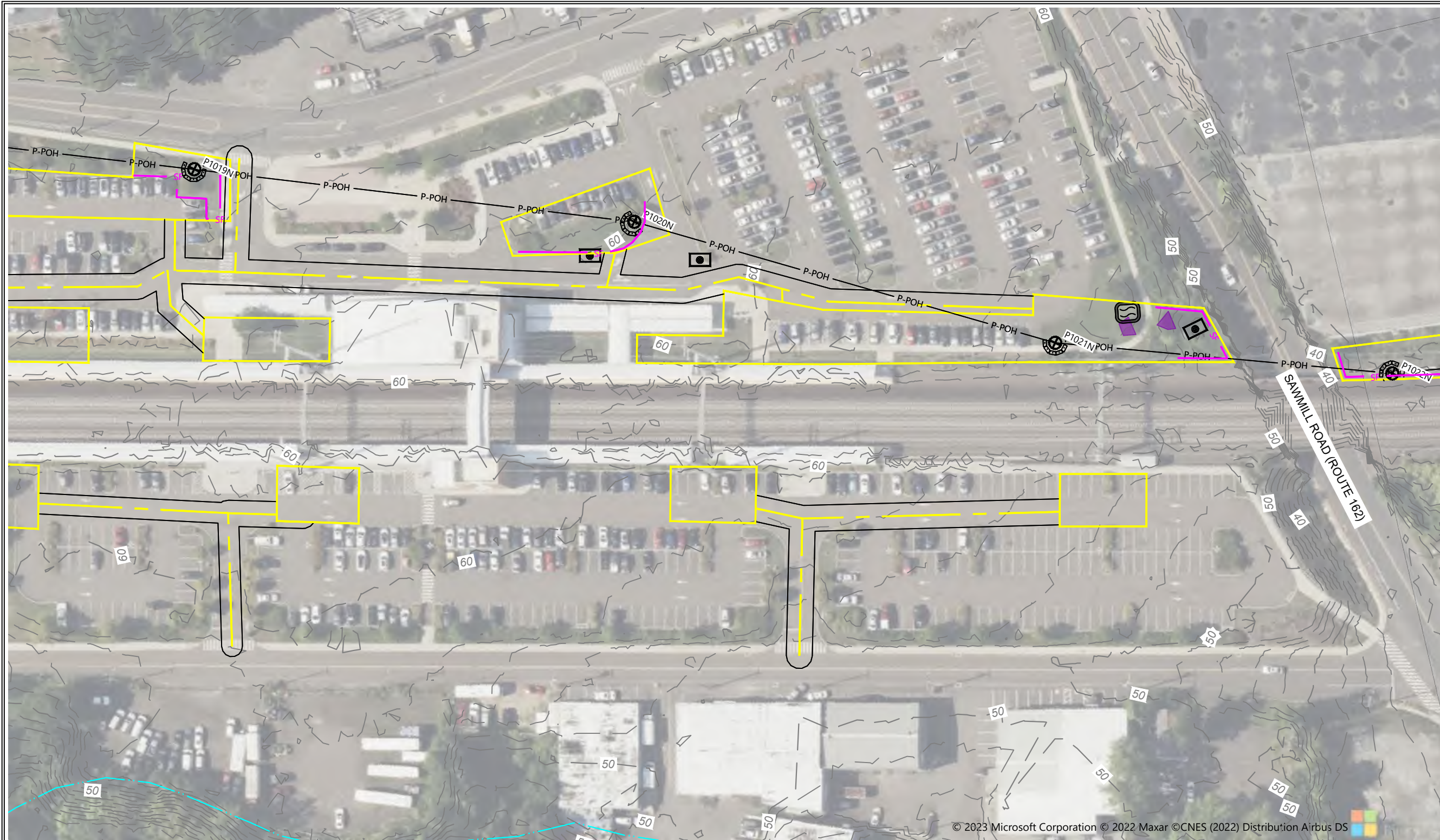
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SHEET 43 OF 67

**LEGEND**

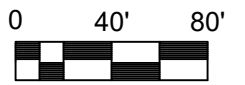
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|--|---|--|--|--|---------------------------------|--|------------------|
|  | ROCK CONSTRUCTION ENTRANCE              |  | PROPOSED TRANSMISSION POLE                       |  | FIELD DELINEATED TIDAL WETLAND  |  | OUTFALL LOCATION |
|  | CONCRETE WASHOUT                        |  | EXISTING TRANSMISSION POLE                       |  | FIELD DELINEATED WETLAND        |  |                  |
|  | CATCH BASIN INLET PROTECTION            |  | PROPOSED TRANSMISSION CENTER LINE                |  | FIELD DELINEATED STREAM         |  |                  |
|  | HAY BALE SEDIMENT PROTECTION            |  | LIMIT OF DISTURBANCE - MAT ALL AREA WITHIN LIMIT |  | FIELD DELINEATED TIDAL STREAM   |  |                  |
|  | SEDIMENT BARRIER                        |  | PROPOSED TEMPORARY ACCESS ROAD                   |  | FLOODPLAIN                      |  |                  |
|  | REDUNDANT SEDIMENT BARRIER - DOUBLE ROW |  | PROPOSED PERMANENT ACCESS ROAD TO REMAIN         |  | PROPOSED TREE CLEARING          |  |                  |
|  | EXCLUSIONARY BARRIER                    |  | PROPOSED WORK/PULLING CONSTRUCTION AREA          |  | NATURAL DIVERSITY DATABASE AREA |  |                  |

**NOTES:**  
1. BASE PLANS PREPARED BY WESTWOOD PROFESSIONAL SERVICES, 12/15/2022, LAST REVISED 03/10/2023.

DRAWING NAME: V:\Data\U\uniti - the united illuminating company\uniford to new haven, ct\unip207e\CAD\SWPCP\VFG - RAIL ALIGNMENT - (1).dwg LAYOUT: 44 VFG - RAIL ALIGNMENT PLOT DATE: Apr 03, 2023 - 12:53pm OPERATOR: ASB



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REVIEWED BY: KAM

ISSUE DATE: 03/15/2023  
PROJECT NUMBER: UNI9212.EE  
SHEET SIZE: 11"X17"

**SOIL EROSION & SEDIMENTATION CONTROL PLAN**  
MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

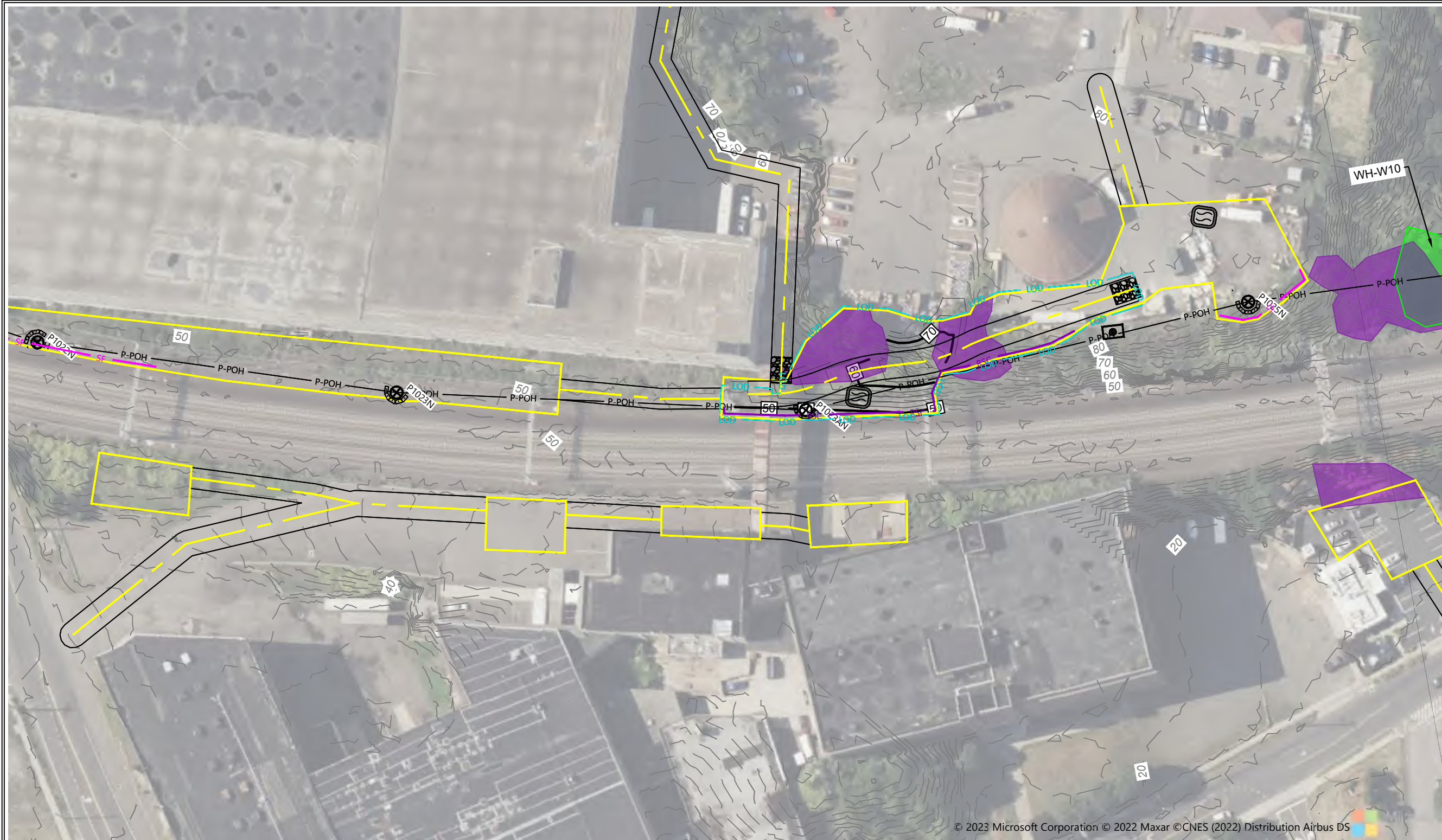
SHEET NO. **C1.1**  
SHEET 44 OF 67

**LEGEND**

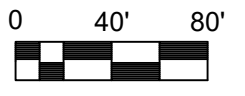
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|--|---|--|--|--|---------------------------------|--|------------------|
|  | ROCK CONSTRUCTION ENTRANCE              |  | PROPOSED TRANSMISSION POLE                       |  | FIELD DELINEATED TIDAL WETLAND  |  | OUTFALL LOCATION |
|  | CONCRETE WASHOUT                        |  | EXISTING TRANSMISSION POLE                       |  | FIELD DELINEATED WETLAND        |  |                  |
|  | CATCH BASIN INLET PROTECTION            |  | PROPOSED TRANSMISSION CENTER LINE                |  | FIELD DELINEATED STREAM         |  |                  |
|  | HAY BALE SEDIMENT PROTECTION            |  | LIMIT OF DISTURBANCE - MAT ALL AREA WITHIN LIMIT |  | FIELD DELINEATED TIDAL STREAM   |  |                  |
|  | SEDIMENT BARRIER                        |  | PROPOSED TEMPORARY ACCESS ROAD                   |  | FLOODPLAIN                      |  |                  |
|  | REDUNDANT SEDIMENT BARRIER - DOUBLE ROW |  | PROPOSED PERMANENT ACCESS ROAD TO REMAIN         |  | PROPOSED TREE CLEARING          |  |                  |
|  | EXCLUSIONARY BARRIER                    |  | PROPOSED WORK/PULLING CONSTRUCTION AREA          |  | NATURAL DIVERSITY DATABASE AREA |  |                  |

**NOTES:**  
1. BASE PLANS PREPARED BY WESTWOOD PROFESSIONAL SERVICES, 12/15/2022, LAST REVISED 03/10/2023.

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DRAWN BY: WW/ASB  
REVIEWED BY: KAM

ISSUE DATE: 03/15/2023  
PROJECT NUMBER: UNI9212.EE  
SHEET SIZE: 11"x17"

**SOIL EROSION & SEDIMENTATION CONTROL PLAN**  
MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

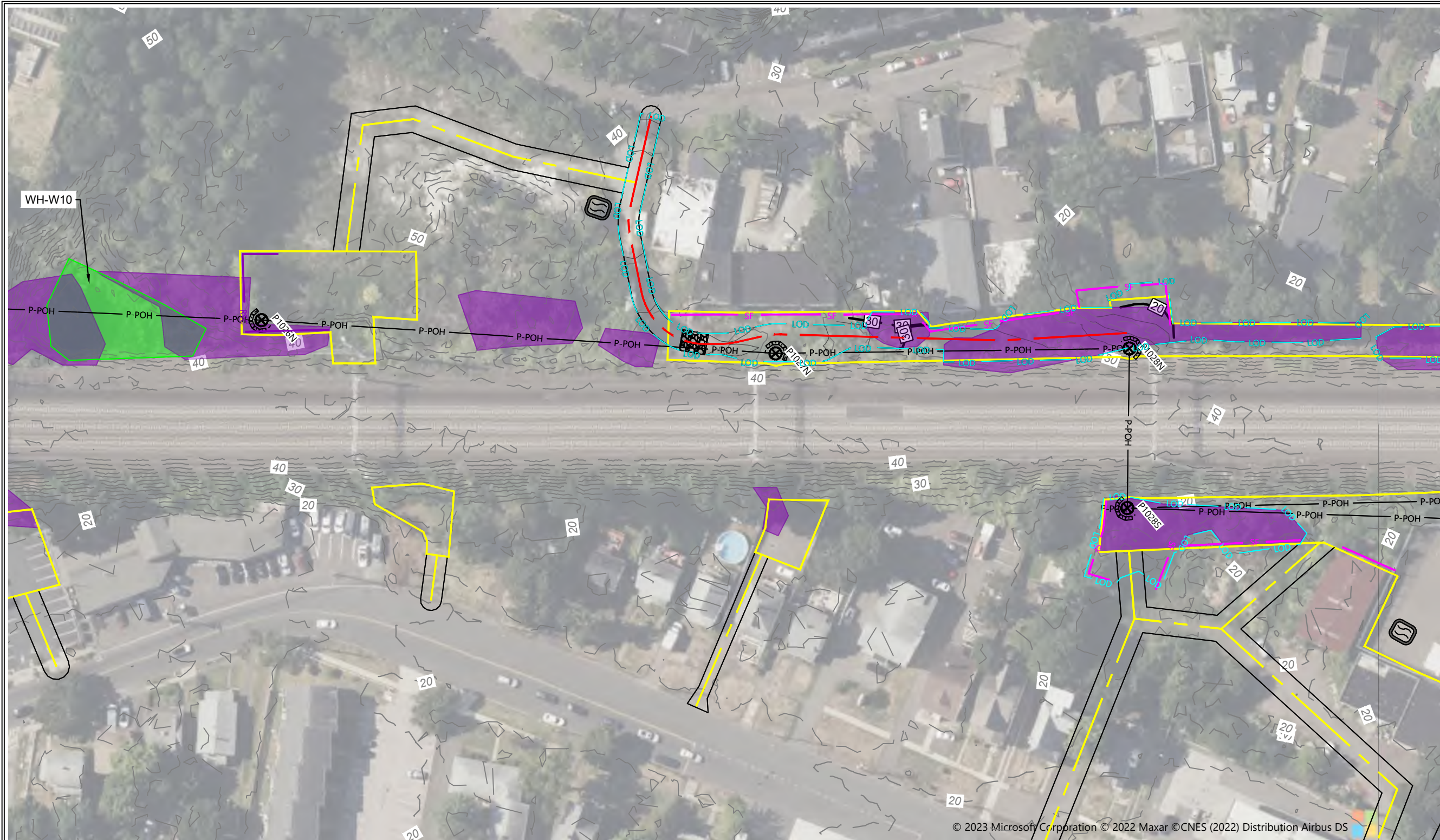
SHEET NO. **C1.1**  
SHEET 45 OF 67

**LEGEND**

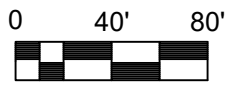
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|--|---|--|--|--|---------------------------------|--|------------------|
|  | ROCK CONSTRUCTION ENTRANCE              |  | PROPOSED TRANSMISSION POLE                       |  | FIELD DELINEATED TIDAL WETLAND  |  | OUTFALL LOCATION |
|  | CONCRETE WASHOUT                        |  | EXISTING TRANSMISSION POLE                       |  | FIELD DELINEATED WETLAND        |  |                  |
|  | CATCH BASIN INLET PROTECTION            |  | PROPOSED TRANSMISSION CENTER LINE                |  | FIELD DELINEATED STREAM         |  |                  |
|  | HAY BALE SEDIMENT PROTECTION            |  | LIMIT OF DISTURBANCE - MAT ALL AREA WITHIN LIMIT |  | FIELD DELINEATED TIDAL STREAM   |  |                  |
|  | SEDIMENT BARRIER                        |  | PROPOSED TEMPORARY ACCESS ROAD                   |  | FLOODPLAIN                      |  |                  |
|  | REDUNDANT SEDIMENT BARRIER - DOUBLE ROW |  | PROPOSED PERMANENT ACCESS ROAD TO REMAIN         |  | PROPOSED TREE CLEARING          |  |                  |
|  | EXCLUSIONARY BARRIER                    |  | PROPOSED WORK/PULLING CONSTRUCTION AREA          |  | NATURAL DIVERSITY DATABASE AREA |  |                  |

**NOTES:**  
1. BASE PLANS PREPARED BY WESTWOOD PROFESSIONAL SERVICES, 12/15/2022, LAST REVISED 03/10/2023.

DRAWING NAME: V:\Data\U\unitri - the united illuminating company\uniford to new haven.ct\uniford207e\CAD\SWPCP\VEG - RAIL ALIGNMENT - (1).dwg LAYOUT: 46 VEG - RAIL ALIGNMENT PLOT DATE: Apr 03, 2023 - 12:55pm OPERATOR: ASB



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DRAWN BY:	WW/ASB
REVIEWED BY:	KAM

ISSUE DATE:	03/15/2023
PROJECT NUMBER:	UNI9212.EE
SHEET SIZE:	11"X17"

**SOIL EROSION & SEDIMENTATION CONTROL PLAN**  
MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

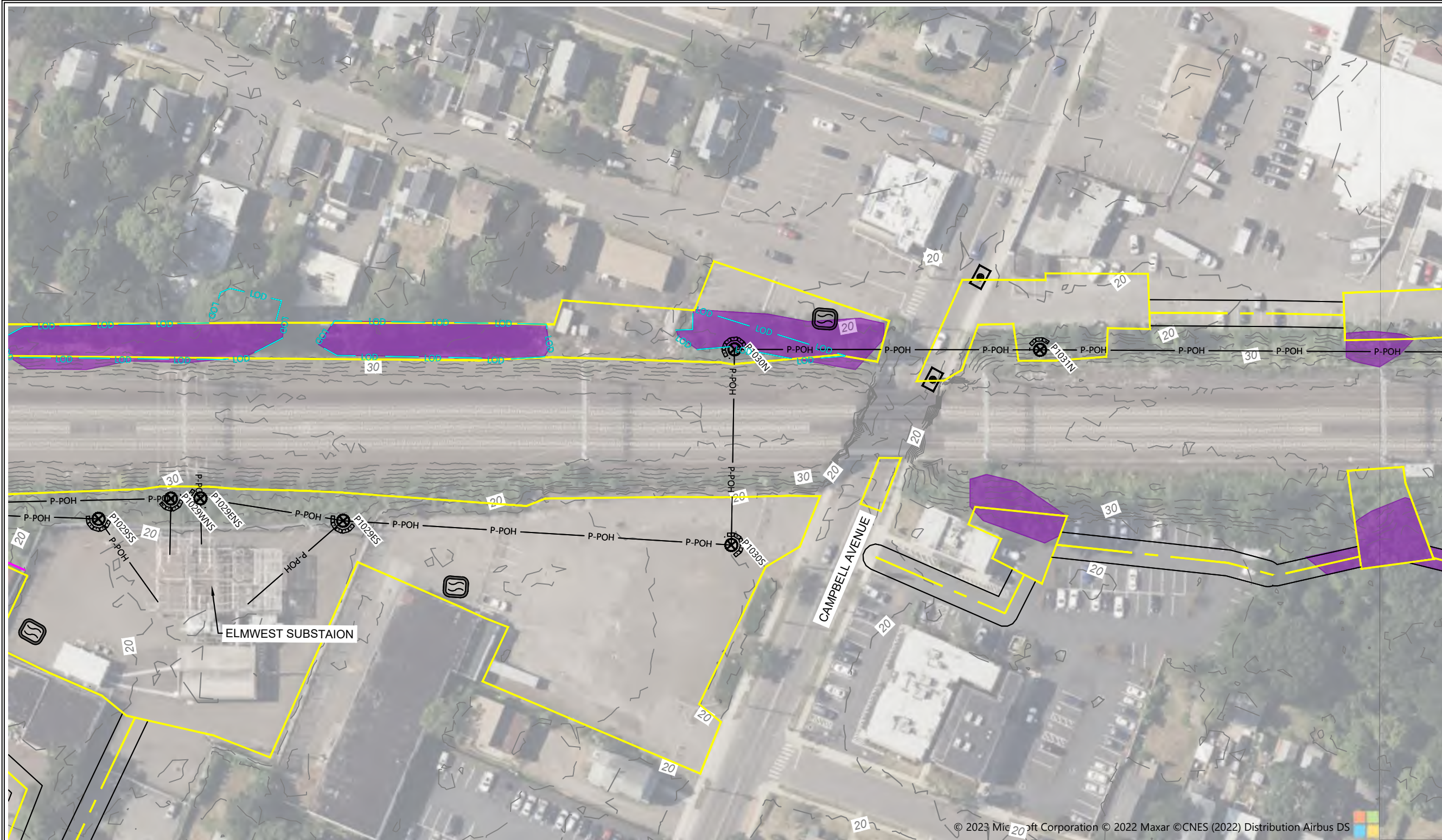
**SHEET NO. C1.1**  
SHEET 46 OF 67

**LEGEND**

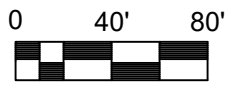
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|--|---|--|--|--|---------------------------------|--|------------------|
|  | ROCK CONSTRUCTION ENTRANCE              |  | PROPOSED TRANSMISSION POLE                       |  | FIELD DELINEATED TIDAL WETLAND  |  | OUTFALL LOCATION |
|  | CONCRETE WASHOUT                        |  | EXISTING TRANSMISSION POLE                       |  | FIELD DELINEATED WETLAND        |  |                  |
|  | CATCH BASIN INLET PROTECTION            |  | PROPOSED TRANSMISSION CENTER LINE                |  | FIELD DELINEATED STREAM         |  |                  |
|  | HAY BALE SEDIMENT PROTECTION            |  | LIMIT OF DISTURBANCE - MAT ALL AREA WITHIN LIMIT |  | FIELD DELINEATED TIDAL STREAM   |  |                  |
|  | SEDIMENT BARRIER                        |  | PROPOSED TEMPORARY ACCESS ROAD                   |  | FLOODPLAIN                      |  |                  |
|  | REDUNDANT SEDIMENT BARRIER - DOUBLE ROW |  | PROPOSED PERMANENT ACCESS ROAD TO REMAIN         |  | PROPOSED TREE CLEARING          |  |                  |
|  | EXCLUSIONARY BARRIER                    |  | PROPOSED WORK/PULLING CONSTRUCTION AREA          |  | NATURAL DIVERSITY DATABASE AREA |  |                  |

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REVIEWED BY:	KAM

ISSUE DATE:	03/15/2023
PROJECT NUMBER:	UNI9212.EE
SHEET SIZE:	11"x17"

**SOIL EROSION & SEDIMENTATION CONTROL PLAN**  
MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

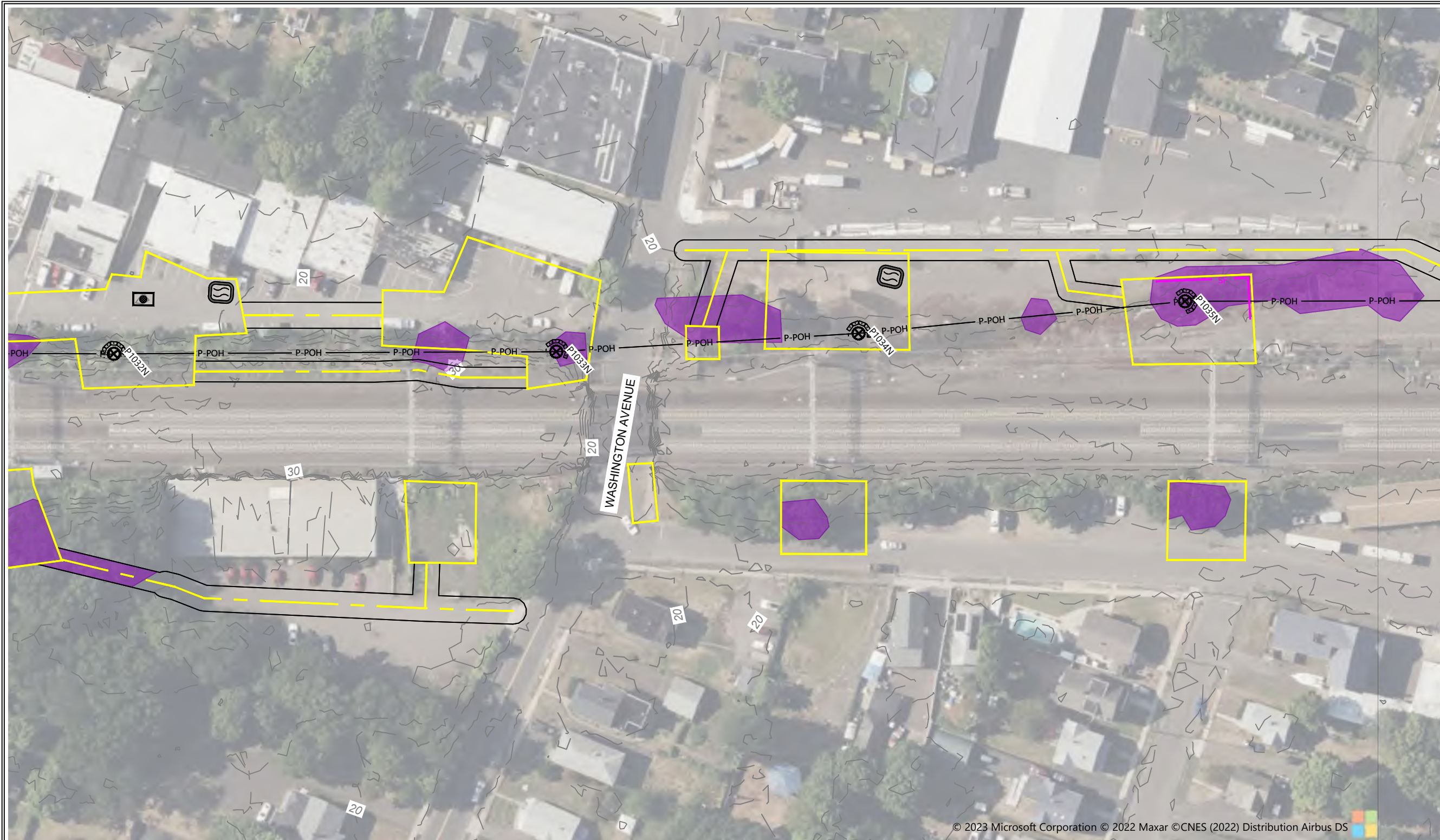
**SHEET NO. C1.1**  
SHEET 47 OF 67

**LEGEND**

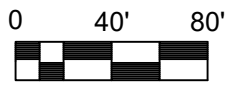
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|--|---|--|--|--|---------------------------------|--|------------------|
|  | ROCK CONSTRUCTION ENTRANCE              |  | PROPOSED TRANSMISSION POLE                       |  | FIELD DELINEATED TIDAL WETLAND  |  | OUTFALL LOCATION |
|  | CONCRETE WASHOUT                        |  | EXISTING TRANSMISSION POLE                       |  | FIELD DELINEATED WETLAND        |  |                  |
|  | CATCH BASIN INLET PROTECTION            |  | PROPOSED TRANSMISSION CENTER LINE                |  | FIELD DELINEATED STREAM         |  |                  |
|  | HAY BALE SEDIMENT PROTECTION            |  | LIMIT OF DISTURBANCE - MAT ALL AREA WITHIN LIMIT |  | FIELD DELINEATED TIDAL STREAM   |  |                  |
|  | SEDIMENT BARRIER                        |  | PROPOSED TEMPORARY ACCESS ROAD                   |  | FLOODPLAIN                      |  |                  |
|  | REDUNDANT SEDIMENT BARRIER - DOUBLE ROW |  | PROPOSED PERMANENT ACCESS ROAD TO REMAIN         |  | PROPOSED TREE CLEARING          |  |                  |
|  | EXCLUSIONARY BARRIER                    |  | PROPOSED WORK/PULLING CONSTRUCTION AREA          |  | NATURAL DIVERSITY DATABASE AREA |  |                  |

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REVIEWED BY:	KAM

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PROJECT NUMBER:	UNI9212.EE
SHEET SIZE:	11"x17"

**SOIL EROSION & SEDIMENTATION CONTROL PLAN**  
MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

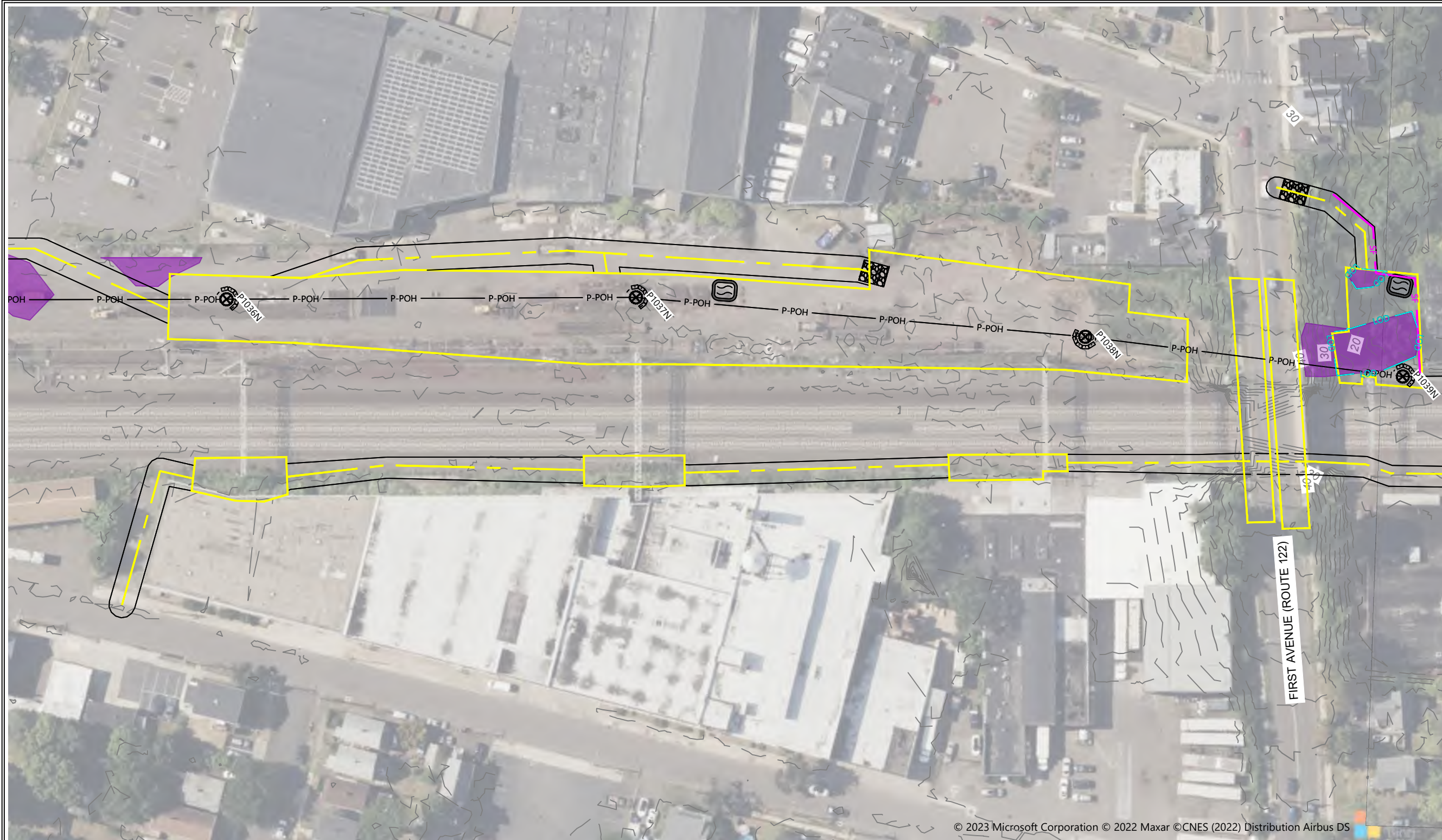
**SHEET NO. C1.1**  
SHEET 48 OF 67

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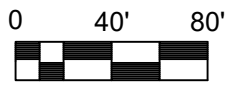
**LEGEND**

- |  |   |  |  |  |                                 |  |                  |
|--|---|--|--|--|---------------------------------|--|------------------|
|  | ROCK CONSTRUCTION ENTRANCE              |  | PROPOSED TRANSMISSION POLE                       |  | FIELD DELINEATED TIDAL WETLAND  |  | OUTFALL LOCATION |
|  | CONCRETE WASHOUT                        |  | EXISTING TRANSMISSION POLE                       |  | FIELD DELINEATED WETLAND        |  |                  |
|  | CATCH BASIN INLET PROTECTION            |  | PROPOSED TRANSMISSION CENTER LINE                |  | FIELD DELINEATED STREAM         |  |                  |
|  | HAY BALE SEDIMENT PROTECTION            |  | LIMIT OF DISTURBANCE - MAT ALL AREA WITHIN LIMIT |  | FIELD DELINEATED TIDAL STREAM   |  |                  |
|  | SEDIMENT BARRIER                        |  | PROPOSED TEMPORARY ACCESS ROAD                   |  | FLOODPLAIN                      |  |                  |
|  | REDUNDANT SEDIMENT BARRIER - DOUBLE ROW |  | PROPOSED PERMANENT ACCESS ROAD TO REMAIN         |  | PROPOSED TREE CLEARING          |  |                  |
|  | EXCLUSIONARY BARRIER                    |  | PROPOSED WORK/PULLING CONSTRUCTION AREA          |  | NATURAL DIVERSITY DATABASE AREA |  |                  |

**NOTES:**  
1. BASE PLANS PREPARED BY WESTWOOD PROFESSIONAL SERVICES, 12/15/2022, LAST REVISED 03/10/2023.



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**SOIL EROSION & SEDIMENTATION CONTROL PLAN**  
MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

**SHEET NO. C1.1**  
SHEET 49 OF 67

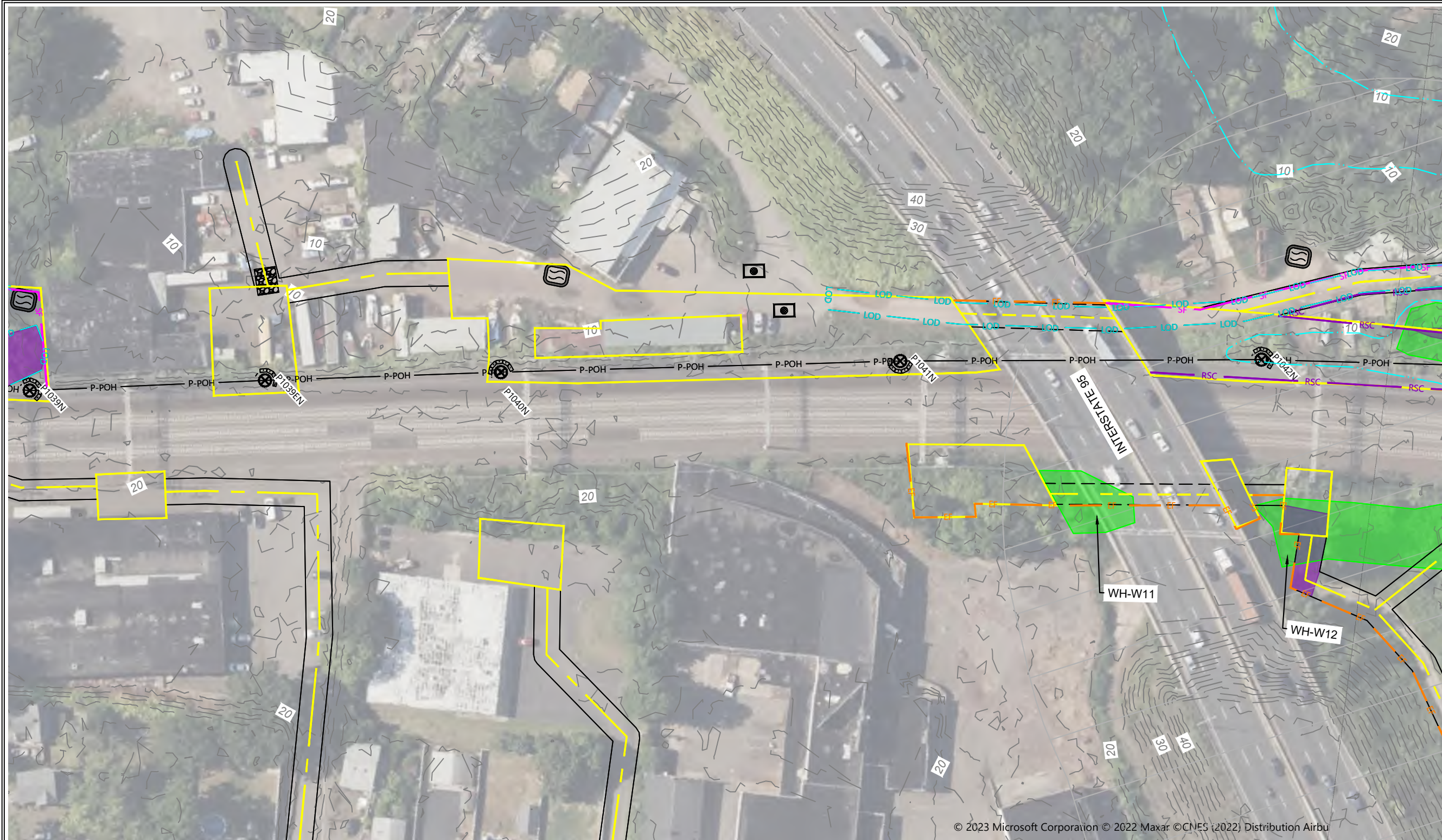
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**LEGEND**

- |  |   |  |  |  |                                 |  |                  |
|--|---|--|--|--|---------------------------------|--|------------------|
|  | ROCK CONSTRUCTION ENTRANCE              |  | PROPOSED TRANSMISSION POLE                       |  | FIELD DELINEATED TIDAL WETLAND  |  | OUTFALL LOCATION |
|  | CONCRETE WASHOUT                        |  | EXISTING TRANSMISSION POLE                       |  | FIELD DELINEATED WETLAND        |  |                  |
|  | CATCH BASIN INLET PROTECTION            |  | PROPOSED TRANSMISSION CENTER LINE                |  | FIELD DELINEATED STREAM         |  |                  |
|  | HAY BALE SEDIMENT PROTECTION            |  | LIMIT OF DISTURBANCE - MAT ALL AREA WITHIN LIMIT |  | FIELD DELINEATED TIDAL STREAM   |  |                  |
|  | SEDIMENT BARRIER                        |  | PROPOSED TEMPORARY ACCESS ROAD                   |  | FLOODPLAIN                      |  |                  |
|  | REDUNDANT SEDIMENT BARRIER - DOUBLE ROW |  | PROPOSED PERMANENT ACCESS ROAD TO REMAIN         |  | PROPOSED TREE CLEARING          |  |                  |
|  | EXCLUSIONARY BARRIER                    |  | PROPOSED WORK/PULLING CONSTRUCTION AREA          |  | NATURAL DIVERSITY DATABASE AREA |  |                  |

**NOTES:**  
1. BASE PLANS PREPARED BY WESTWOOD PROFESSIONAL SERVICES, 12/15/2022, LAST REVISED 03/10/2023.

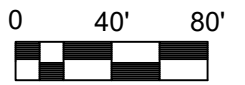
DRAWING NAME: V:\Data\U\unitri - the united illuminating company\uniford to new haven.ct\uniford207e\CAD\SWPCP\VFG - RAIL ALIGNMENT - (1).dwg LAYOUT: 50 VFG - RAIL ALIGNMENT PLOT DATE: Apr 03, 2023 - 12:58pm OPERATOR: ASB



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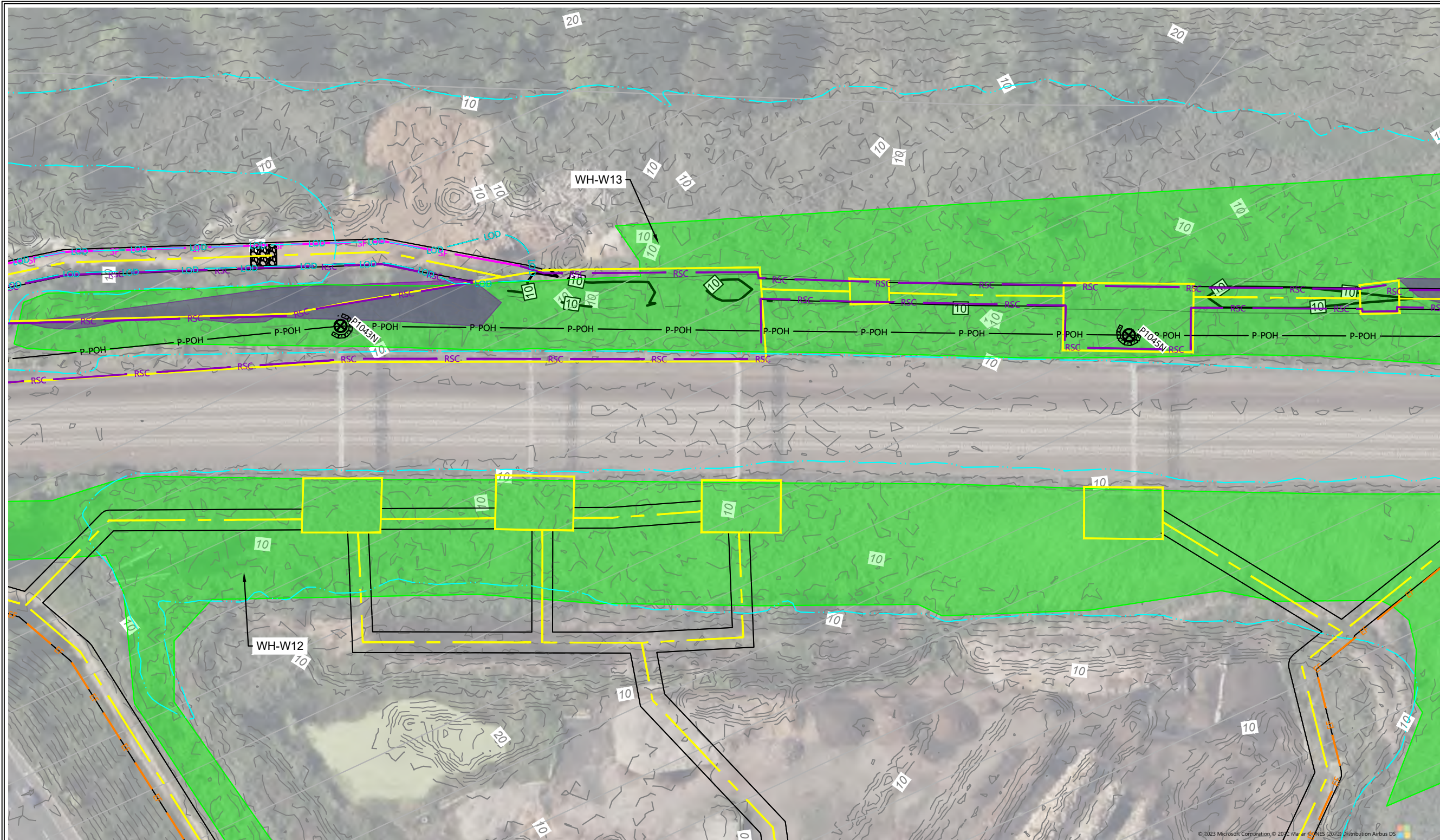
ISSUE DATE:	03/15/2023
PROJECT NUMBER:	UNI9212.EE
SHEET SIZE:	11"X17"

**SOIL EROSION & SEDIMENTATION CONTROL PLAN**  
MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

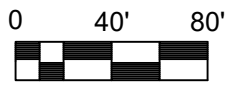
**SHEET NO. C1.1**  
SHEET 50 OF 67

ROCK CONSTRUCTION ENTRANCE CONCRETE WASHOUT CATCH BASIN INLET PROTECTION HAY BALE SEDIMENT PROTECTION SF SEDIMENT BARRIER RSC REDUNDANT SEDIMENT BARRIER - DOUBLE ROW EF EXCLUSIONARY BARRIER	<p><b>LEGEND</b></p> PROPOSED TRANSMISSION POLE EXISTING TRANSMISSION POLE PROPOSED TRANSMISSION CENTER LINE LOD LIMIT OF DISTURBANCE - MAT ALL AREA WITHIN LIMIT PROPOSED TEMPORARY ACCESS ROAD PROPOSED PERMANENT ACCESS ROAD TO REMAIN PROPOSED WORK/PULLING CONSTRUCTION AREA	FIELD DELINEATED TIDAL WETLAND FIELD DELINEATED WETLAND FIELD DELINEATED STREAM FIELD DELINEATED TIDAL STREAM FLOODPLAIN PROPOSED TREE CLEARING NATURAL DIVERSITY DATABASE AREA	OUTFALL LOCATION
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**NOTES:**  
1. BASE PLANS PREPARED BY WESTWOOD PROFESSIONAL SERVICES, 12/15/2022, LAST REVISED 03/10/2023.



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REVIEWED BY:	KAM

ISSUE DATE:	03/15/2023
PROJECT NUMBER:	UNI9212.EE
SHEET SIZE:	11"x17"

**SOIL EROSION & SEDIMENTATION CONTROL PLAN**  
MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

**SHEET NO. C1.1**  
SHEET 51 OF 67

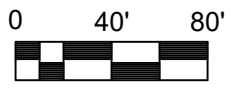
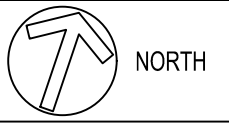
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|--|---|--|--|--|---------------------------------|--|------------------|
|  | ROCK CONSTRUCTION ENTRANCE              |  | PROPOSED TRANSMISSION POLE                       |  | FIELD DELINEATED TIDAL WETLAND  |  | OUTFALL LOCATION |
|  | CONCRETE WASHOUT                        |  | EXISTING TRANSMISSION POLE                       |  | FIELD DELINEATED WETLAND        |  |                  |
|  | CATCH BASIN INLET PROTECTION            |  | PROPOSED TRANSMISSION CENTER LINE                |  | FIELD DELINEATED STREAM         |  |                  |
|  | HAY BALE SEDIMENT PROTECTION            |  | LIMIT OF DISTURBANCE - MAT ALL AREA WITHIN LIMIT |  | FIELD DELINEATED TIDAL STREAM   |  |                  |
|  | SEDIMENT BARRIER                        |  | PROPOSED TEMPORARY ACCESS ROAD                   |  | FLOODPLAIN                      |  |                  |
|  | REDUNDANT SEDIMENT BARRIER - DOUBLE ROW |  | PROPOSED PERMANENT ACCESS ROAD TO REMAIN         |  | PROPOSED TREE CLEARING          |  |                  |
|  | EXCLUSIONARY BARRIER                    |  | PROPOSED WORK/PULLING CONSTRUCTION AREA          |  | NATURAL DIVERSITY DATABASE AREA |  |                  |

**NOTES:**  
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ISSUE DATE:	03/15/2023
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**SOIL EROSION & SEDIMENTATION CONTROL PLAN**  
MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

**SHEET NO. C1.1**  
SHEET 52 OF 67

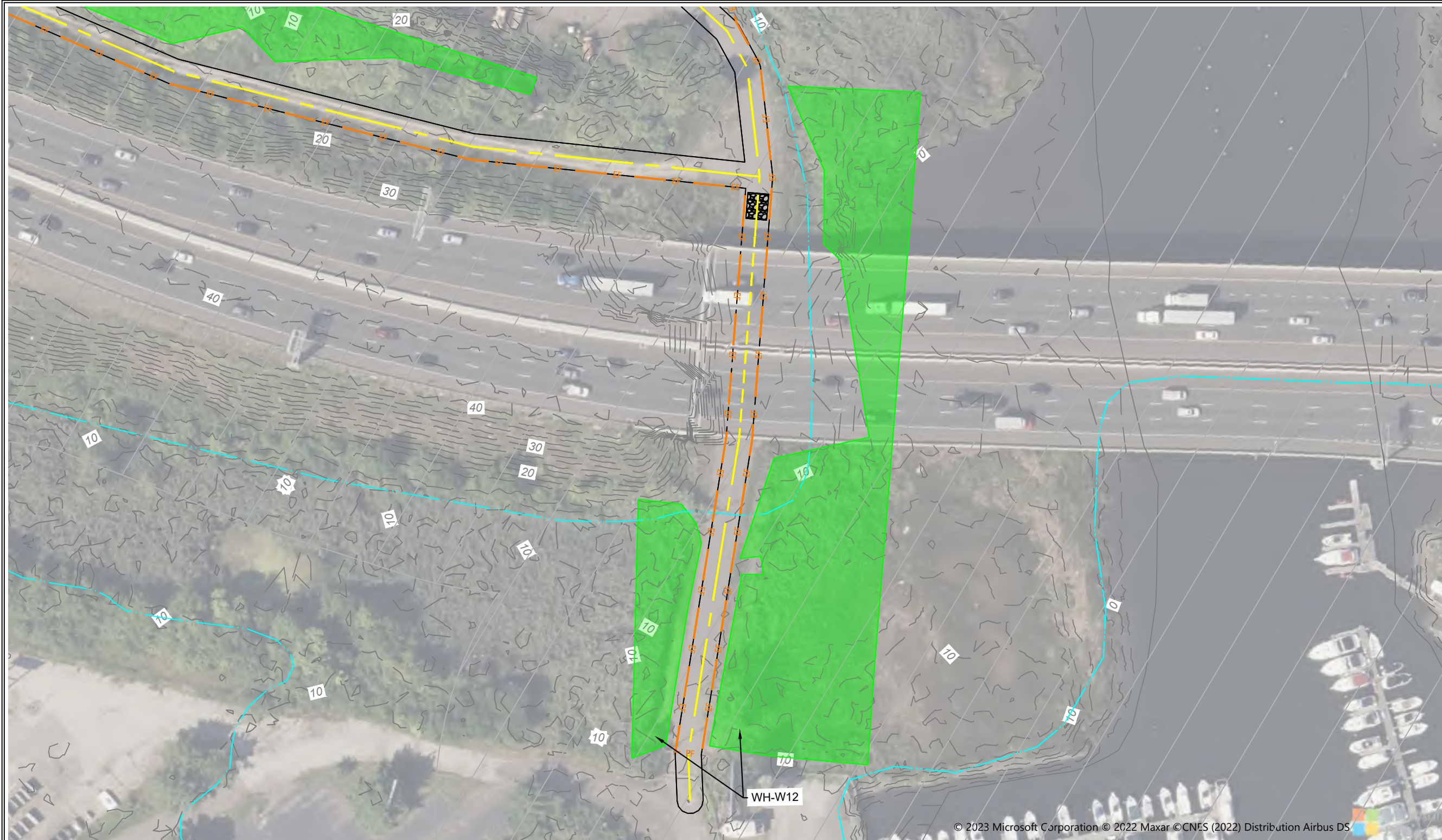
**LEGEND**

- ROCK CONSTRUCTION ENTRANCE
- CONCRETE WASHOUT
- CATCH BASIN INLET PROTECTION
- HAY BALE SEDIMENT PROTECTION
- SEDIMENT BARRIER
- REDUNDANT SEDIMENT BARRIER - DOUBLE ROW
- EXCLUSIONARY BARRIER
- PROPOSED TRANSMISSION POLE
- EXISTING TRANSMISSION POLE
- PROPOSED TRANSMISSION CENTER LINE
- LIMIT OF DISTURBANCE - MAT ALL AREA WITHIN LIMIT
- PROPOSED TEMPORARY ACCESS ROAD
- PROPOSED PERMANENT ACCESS ROAD TO REMAIN
- PROPOSED WORK/PULLING CONSTRUCTION AREA
- FIELD DELINEATED TIDAL WETLAND
- FIELD DELINEATED WETLAND
- FIELD DELINEATED STREAM
- FIELD DELINEATED TIDAL STREAM
- FLOODPLAIN
- PROPOSED TREE CLEARING
- NATURAL DIVERSITY DATABASE AREA

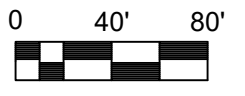
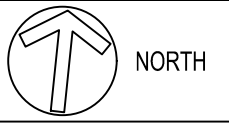
**OUTFALL LOCATION**

**NOTES:**  
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DRAWING NAME: V:\Data\U\uniti - the united illuminating company\uniford to new haven.ct\uniford207e\CAD\SWPCP\VFG - RAIL ALIGNMENT - (1).dwg LAYOUT: S3 VFG - RAIL ALIGNMENT PLOT DATE: Apr 03, 2023 - 1:00pm OPERATOR: ASB



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REVIEWED BY:	KAM

ISSUE DATE:	03/15/2023
PROJECT NUMBER:	UNI9212.EE
SHEET SIZE:	11"x17"

**SOIL EROSION & SEDIMENTATION CONTROL PLAN**  
MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

**SHEET NO. C1.1**  
SHEET 53 OF 67

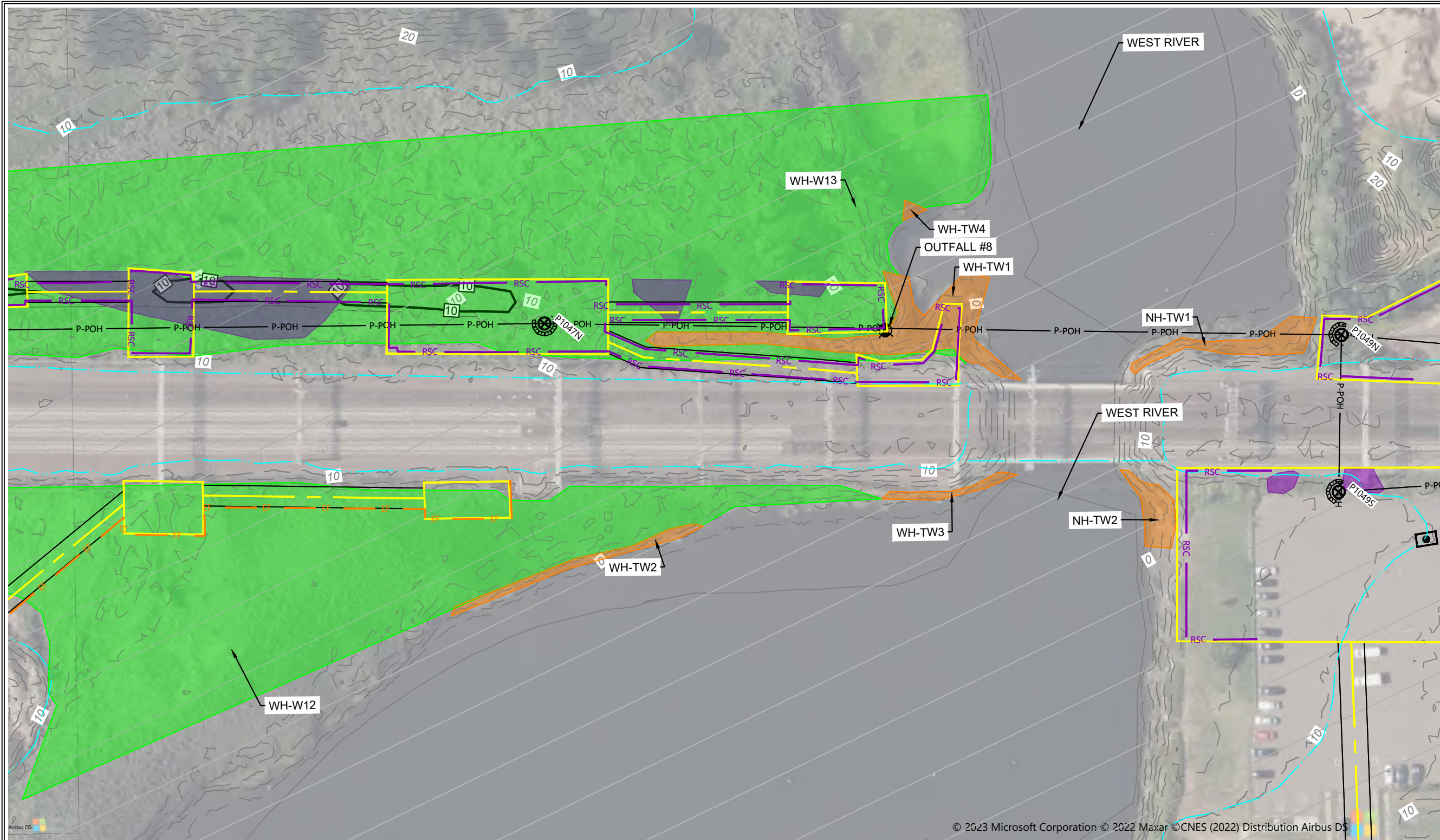
**LEGEND**

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|--|---|--|--|--|---------------------------------|--|------------------|
|  | ROCK CONSTRUCTION ENTRANCE              |  | PROPOSED TRANSMISSION POLE                       |  | FIELD DELINEATED TIDAL WETLAND  |  | OUTFALL LOCATION |
|  | CONCRETE WASHOUT                        |  | EXISTING TRANSMISSION POLE                       |  | FIELD DELINEATED WETLAND        |  |                  |
|  | CATCH BASIN INLET PROTECTION            |  | PROPOSED TRANSMISSION CENTER LINE                |  | FIELD DELINEATED STREAM         |  |                  |
|  | HAY BALE SEDIMENT PROTECTION            |  | LIMIT OF DISTURBANCE - MAT ALL AREA WITHIN LIMIT |  | FIELD DELINEATED TIDAL STREAM   |  |                  |
|  | SEDIMENT BARRIER                        |  | PROPOSED TEMPORARY ACCESS ROAD                   |  | FLOODPLAIN                      |  |                  |
|  | REDUNDANT SEDIMENT BARRIER - DOUBLE ROW |  | PROPOSED PERMANENT ACCESS ROAD TO REMAIN         |  | PROPOSED TREE CLEARING          |  |                  |
|  | EXCLUSIONARY BARRIER                    |  | PROPOSED WORK/PULLING CONSTRUCTION AREA          |  | NATURAL DIVERSITY DATABASE AREA |  |                  |

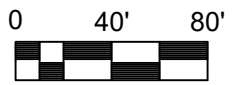
**NOTES:**  
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DRAWN BY: WW/ASB  
REVIEWED BY: KAM

ISSUE DATE: 03/15/2023  
PROJECT NUMBER: UNI9212.EE  
SHEET SIZE: 11"x17"

**SOIL EROSION & SEDIMENTATION CONTROL PLAN**  
MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

SHEET NO. **C1.1**  
SHEET 54 OF 67

**LEGEND**

- |  |   |  |  |  |                                 |  |                  |
|--|---|--|--|--|---------------------------------|--|------------------|
|  | ROCK CONSTRUCTION ENTRANCE              |  | PROPOSED TRANSMISSION POLE                       |  | FIELD DELINEATED TIDAL WETLAND  |  | OUTFALL LOCATION |
|  | CONCRETE WASHOUT                        |  | EXISTING TRANSMISSION POLE                       |  | FIELD DELINEATED WETLAND        |  |                  |
|  | CATCH BASIN INLET PROTECTION            |  | PROPOSED TRANSMISSION CENTER LINE                |  | FIELD DELINEATED STREAM         |  |                  |
|  | HAY BALE SEDIMENT PROTECTION            |  | LIMIT OF DISTURBANCE - MAT ALL AREA WITHIN LIMIT |  | FIELD DELINEATED TIDAL STREAM   |  |                  |
|  | SEDIMENT BARRIER                        |  | PROPOSED TEMPORARY ACCESS ROAD                   |  | FLOODPLAIN                      |  |                  |
|  | REDUNDANT SEDIMENT BARRIER - DOUBLE ROW |  | PROPOSED PERMANENT ACCESS ROAD TO REMAIN         |  | PROPOSED TREE CLEARING          |  |                  |
|  | EXCLUSIONARY BARRIER                    |  | PROPOSED WORK/PULLING CONSTRUCTION AREA          |  | NATURAL DIVERSITY DATABASE AREA |  |                  |

**NOTES:**  
1. BASE PLANS PREPARED BY WESTWOOD PROFESSIONAL SERVICES, 12/15/2022, LAST REVISED 03/10/2023.

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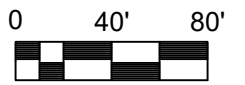
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DESIGNED BY:	WW/ASB
DRAWN BY:	WW/ASB
REVIEWED BY:	KAM

ISSUE DATE:	03/15/2023
PROJECT NUMBER:	UNI9212.EE
SHEET SIZE:	11"x17"

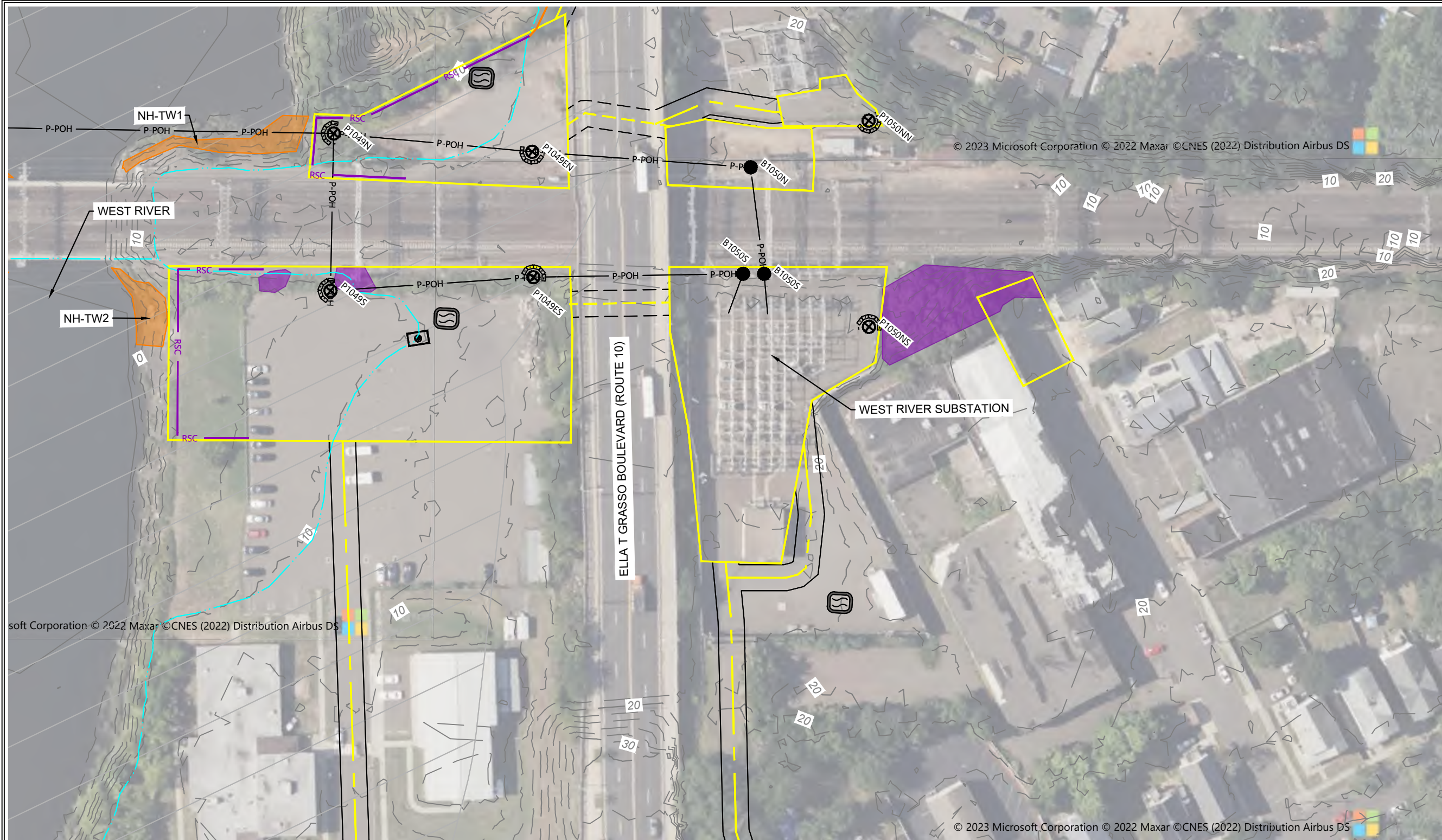
**SOIL EROSION & SEDIMENTATION CONTROL PLAN**  
MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

**SHEET NO. C1.1**  
SHEET 55 OF 67

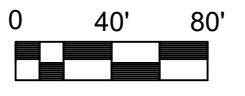
LEGEND	
	ROCK CONSTRUCTION ENTRANCE
	CONCRETE WASHOUT
	CATCH BASIN INLET PROTECTION
	HAY BALE SEDIMENT PROTECTION
	SEDIMENT BARRIER
	REDUNDANT SEDIMENT BARRIER - DOUBLE ROW
	EXCLUSIONARY BARRIER
	PROPOSED TRANSMISSION POLE
	EXISTING TRANSMISSION POLE
	PROPOSED TRANSMISSION CENTER LINE
	LIMIT OF DISTURBANCE - MAT ALL AREA WITHIN LIMIT
	PROPOSED TEMPORARY ACCESS ROAD
	PROPOSED PERMANENT ACCESS ROAD TO REMAIN
	PROPOSED WORK/PULLING CONSTRUCTION AREA
	FIELD DELINEATED TIDAL WETLAND
	FIELD DELINEATED WETLAND
	FIELD DELINEATED STREAM
	FIELD DELINEATED TIDAL STREAM
	FLOODPLAIN
	PROPOSED TREE CLEARING
	NATURAL DIVERSITY DATABASE AREA
	OUTFALL LOCATION

**NOTES:**  
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REVIEWED BY:	KAM

ISSUE DATE:	03/15/2023
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SHEET SIZE:	11"x17"

**SOIL EROSION & SEDIMENTATION CONTROL PLAN**  
MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

**SHEET NO. C1.1**  
SHEET 56 OF 67

**LEGEND**

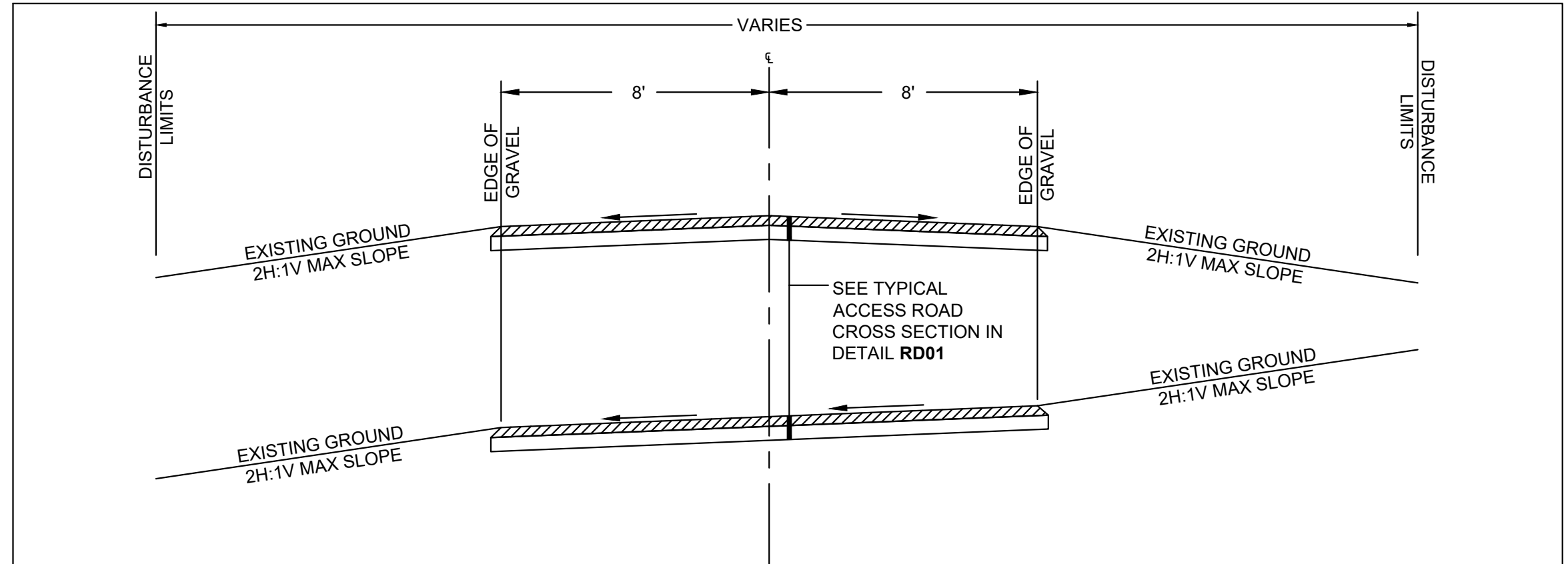
- |  |   |  |  |  |                                 |  |                  |
|--|---|--|--|--|---------------------------------|--|------------------|
|  | ROCK CONSTRUCTION ENTRANCE              |  | PROPOSED TRANSMISSION POLE                       |  | FIELD DELINEATED TIDAL WETLAND  |  | OUTFALL LOCATION |
|  | CONCRETE WASHOUT                        |  | EXISTING TRANSMISSION POLE                       |  | FIELD DELINEATED WETLAND        |  |                  |
|  | CATCH BASIN INLET PROTECTION            |  | PROPOSED TRANSMISSION CENTER LINE                |  | FIELD DELINEATED STREAM         |  |                  |
|  | HAY BALE SEDIMENT PROTECTION            |  | LIMIT OF DISTURBANCE - MAT ALL AREA WITHIN LIMIT |  | FIELD DELINEATED TIDAL STREAM   |  |                  |
|  | SEDIMENT BARRIER                        |  | PROPOSED TEMPORARY ACCESS ROAD                   |  | FLOODPLAIN                      |  |                  |
|  | REDUNDANT SEDIMENT BARRIER - DOUBLE ROW |  | PROPOSED PERMANENT ACCESS ROAD TO REMAIN         |  | PROPOSED TREE CLEARING          |  |                  |
|  | EXCLUSIONARY BARRIER                    |  | PROPOSED WORK/PULLING CONSTRUCTION AREA          |  | NATURAL DIVERSITY DATABASE AREA |  |                  |

**NOTES:**  
1. BASE PLANS PREPARED BY WESTWOOD PROFESSIONAL SERVICES, 12/15/2022, LAST REVISED 03/10/2023.

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- NOTES:**
1. CONTRACTOR TO ENSURE THAT ROADS REMAIN WELL-DRAINED.
  2. ROAD WIDTHS VARY NEAR POLES TO ALLOW FOR OPERATION AND MAINTENANCE. REFER TO PLANS 1500U-T88005A-1-89005B-1-680 - 1500U-T88005A-1-89005B-1-695 FOR ROAD LOCATIONS.
  3. CONTRACTOR SHALL CONSTRUCT CROSS-SLOPE WHERE ROADS ARE CONSTRUCTED ON A SIDE SLOPE, AND WHERE OTHERWISE NOTED ON PLANS.
  4. SLOPES SHOWN ARE TYPICAL. SOME ROAD LOCATIONS MAY REQUIRE VARIATIONS IN SLOPE.
  5. ROADS TO GENERALLY FOLLOW EXISTING CONTOURS EXCEPT IF GRADES EXCEED CONSTRUCTION VEHICLE CAPABILITIES, IF THIS OCCURS CONTRACTOR MAY MODIFY GRADE.
  6. ALL DISTURBED GROUND NOT COVERED WITH GRAVEL SHALL BE STABILIZED PER THE PROJECT SWPCP.

**Westwood** TYPICAL PERMANENT ACCESS ROAD TO REMAIN SECTION NOT TO SCALE **RD02**

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DESIGNED BY: **WW/ASB**  
DRAWN BY: **WW/ASB**  
REVIEWED BY: **KAM**

ISSUE DATE: **03/15/2023**  
PROJECT NUMBER: **UNI9212.EE**  
SHEET SIZE: **11"x17"**

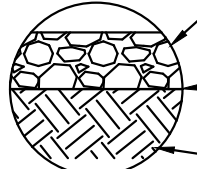
**DETAILS**  
MILVON TO WEST RIVER RAILROAD TRANSMISSION  
LINE 115KV REBUILD PROJECT  
MILFORD, ORANGE, WEST HAVEN, NEW HAVEN,  
CONNECTICUT

**SHEET NO.**  
**D1.0**  
SHEET 57 OF 67

DRAWING NAME: V:\Data\U\umiri - the united illuminating company\uniford to new haven.ct\um9207e\CAD\SWPCP\DETAILS.dwg LAYOUT: \$8\$DETAILS PLOT DATE: Apr 03, 2023 - 1:03pm OPERATOR: ASB



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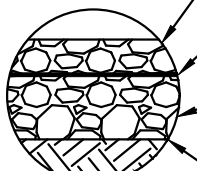


8" MINIMUM CTDOT FREE DRAINING AGGREGATE

MIRAFI HP270 GEOTEXTILE FABRIC OR APPROVED EQUAL

SUBGRADE

**PERMANENT ACCESS ROAD SECTION**



6" MINIMUM CTDOT FREE DRAINING AGGREGATE

MIRAFI BXG120/BX1200 GEOGRID OR APPROVED EQUAL

12" MINIMUM CTDOT FREE DRAINING AGGREGATE

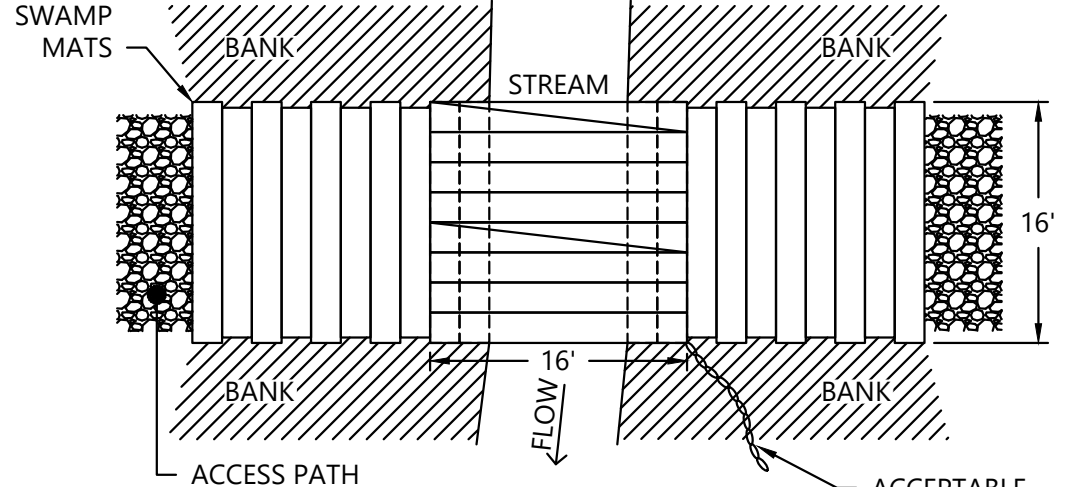
MIRAFI RS580i HIGH-STRENGTH GEOTEXTILE OR APPROVED EQUAL

SUBGRADE

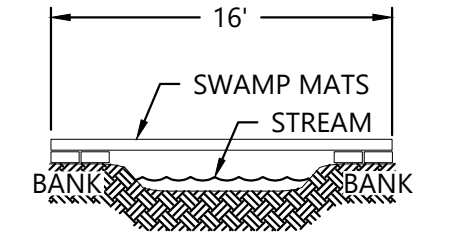
**ALTERNATE PERMANENT ACCESS ROAD SECTION  
(FOR USE IN AREAS WITH POOR SUBGRADE CONDITIONS)**

NOTES:

1. STRUCTURAL SECTIONS SHOWN ARE THE MINIMUM THICKNESS DURING NORMAL FIELD CONDITIONS. THE SECTIONS MAY NEED TO BE INCREASED BASED ON ACTUAL FIELD CONDITIONS AT THE TIME OF CONSTRUCTION. CONDITIONS INCLUDE, BUT ARE NOT LIMITED TO, CONSTRUCTION DURING UNUSUALLY WET PERIODS, IN LOW/WET AREAS OR SOFT SOILS.
2. AGGREGATE TO CONFORM TO CTDOT SECTION M.02.07
3. AGGREGATE TO CONFORM TO GRADATION "B" IN CTDOT SECTION M.02.06



**PLAN VIEW**



**ELEVATION VIEW**

NOTES:

1. SWAMP MATS SHOULD BE PLACED CLOSELY TOGETHER SO THERE IS A SMALL GAP BETWEEN EACH MAT SECTION.
2. ADDITIONAL MEASURES MAY BE REQUIRED.
3. SWAMP MAT DIMENSIONS OF 12'x4'x6", 16'x4'x8" OR OTHER TO BE USED.
4. CONTRACTOR TO ENSURE MATTING IS PLACED WITH NECESSARY BANK OVERLAP TO PROVIDE SUFFICIENT BEARING CAPACITY AND ENSURE STREAM BANK STABILITY.

<b>Westwood</b>	TYPICAL STRUCTURAL CROSS SECTIONS	<b>RD01</b>
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<b>Westwood</b>	SWAMP MAT BRIDGE FOR TEMPORARY STREAM CROSSING <small>NOT TO SCALE</small>	<b>DN-54</b>
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NO.	DATE

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ISSUE DATE: <b>03/15/2023</b>	PROJECT NUMBER: <b>UNI9212.EE</b>	SHEET SIZE: <b>11"X17"</b>
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**DETAILS**

MILVON TO WEST RIVER RAILROAD TRANSMISSION  
LINE 115KV REBUILD PROJECT

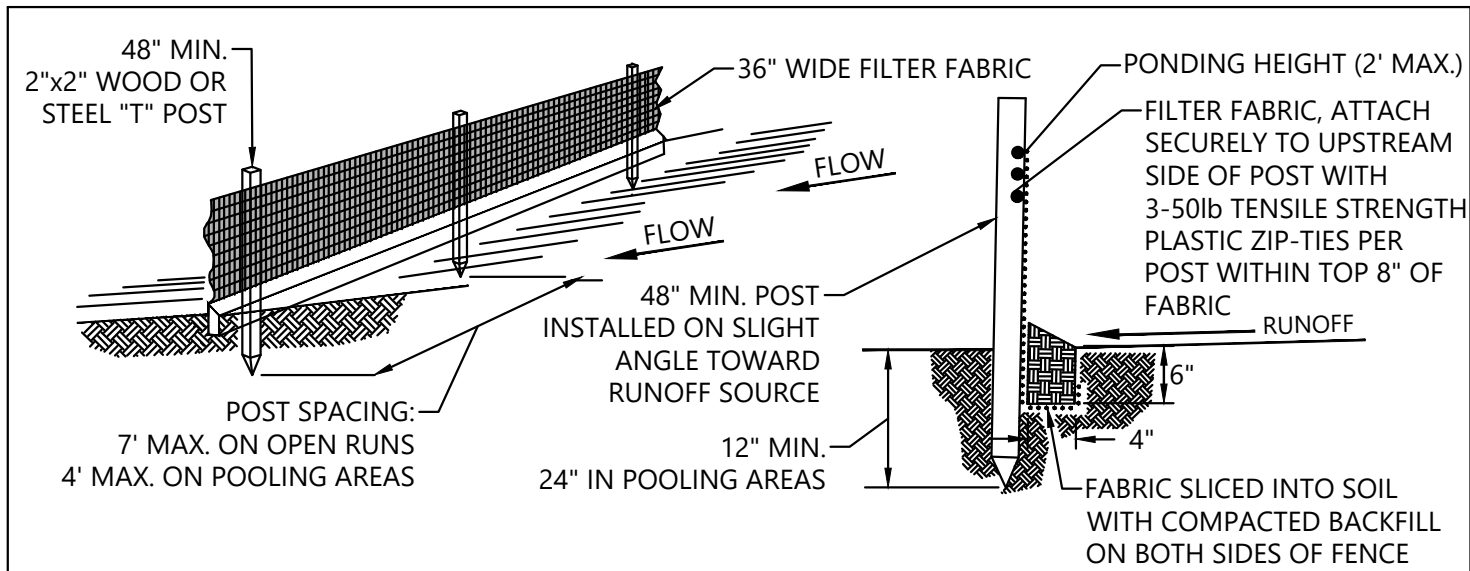
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CONNECTICUT

SHEET NO.  
**D1.0**  
SHEET 58 OF 67

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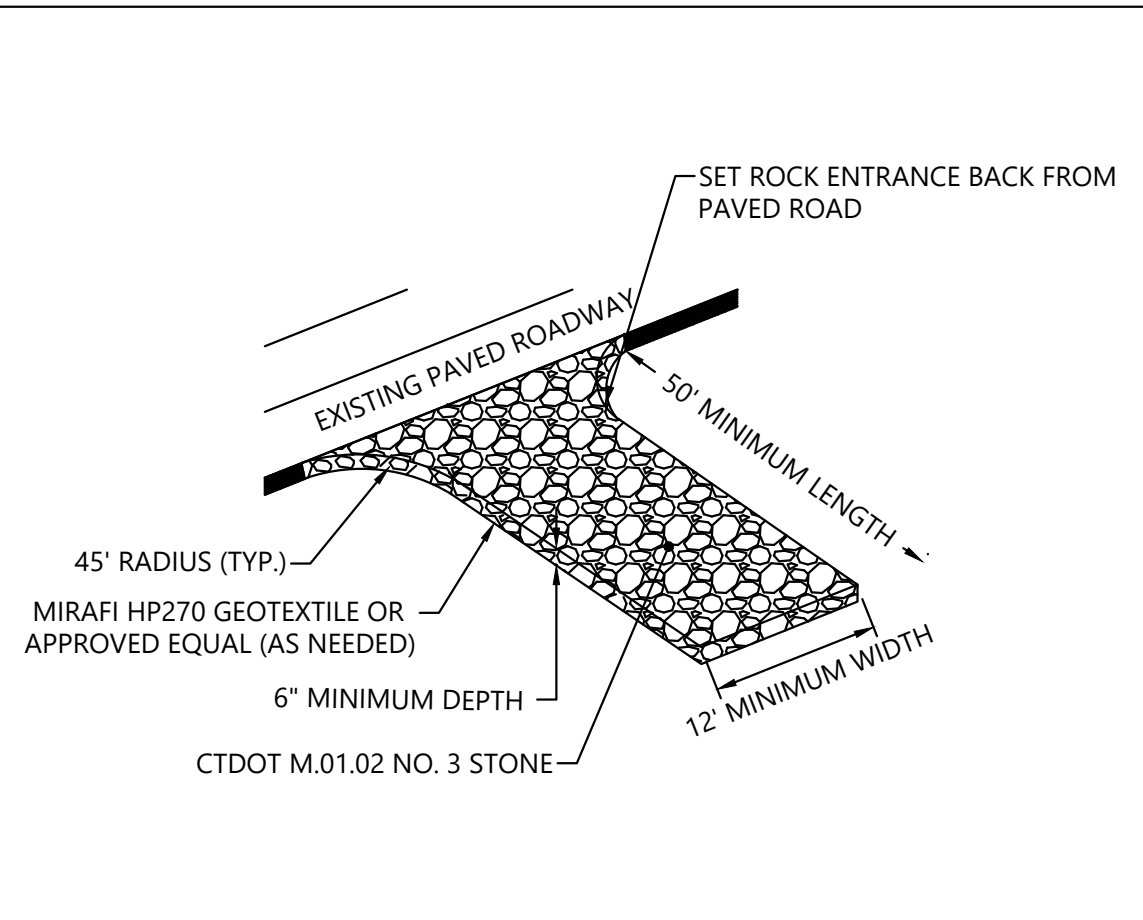


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- NOTES:**
- SILT FENCE MATERIAL SHOULD BE POLYPROPYLENE, POLYETHYLENE OR POLYAMIDE WOVEN OR NONWOVEN FABRIC. THE FABRIC WIDTH SHOULD BE 36 INCHES, WITH A MINIMUM UNIT WEIGHT OF 4.5 OZ/YD, MULLEN BURST STRENGTH EXCEEDING 190 LB/IN 2, ULTRAVIOLET STABILITY EXCEEDING 70%, AND MINIMUM APPARENT OPENING SIZE OF U.S. SIEVE NO. 30.
  - SILT FENCE SHOULD BE SECURELY FASTENED TO EACH SUPPORT POST. THERE SHOULD BE A 3FT OVERLAP, SECURELY FASTENED WHERE ENDS OF FABRIC MEET.
  - SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.
  - ALL ENDS OF THE SILT FENCE SHALL BE WRAPPED UPSLOPE SO THE ELEVATION OF THE BOTTOM OF FABRIC IS HIGHER THAN "PONDING HEIGHT".
  - INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN ACCUMULATED TO **1/3 HEIGHT** OF THE FABRIC OR MORE.
  - REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.
  - SILT FENCE SHOULD REMAIN IN PLACE AND MAINTAINED UNTIL THE DISTURBED AREA IS PERMANENTLY STABILIZED.
  - INSTALL A SECOND ROW OF SILT FENCE APPROXIMATELY 5' FROM INITIAL ROW WHEN REDUNDANT PROTECTION IS REQUIRED WITHIN 50' OF WETLANDS AND STREAMS.

**Westwood** SILT FENCE NOT TO SCALE **ESC01**



- NOTES:**
- ROCK CONSTRUCTION ENTRANCE SHOULD CONTAIN MAXIMUM SIDE SLOPES OF 4:1.
  - ROCK ENTRANCE SHOULD BE INSPECTED AND MAINTAINED REGULARLY. ROCK ENTRANCE LENGTH MAY NEED TO BE EXTENDED IN CLAY SOILS.

**Westwood** ROCK CONSTRUCTION ENTRANCE **GD07**

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DRAWN BY: **WW/ASB**  
REVIEWED BY: **KAM**

ISSUE DATE: **03/15/2023**  
PROJECT NUMBER: **UNI9212.EE**  
SHEET SIZE: **11"X17"**

**DETAILS**  
MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

**SHEET NO.**  
**D1.0**  
SHEET 59 OF 67

DRAWING NAME: V:\Data\U\umiri - the united illuminating company\uniford to new haven.ct\um9207e\CAD\SWPCP\DETAILS.dwg LAYOUT: 60 DETAILS PLOT DATE: Apr 03, 2023 - 1:03pm OPERATOR: ASB



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**NOTES:**

- MATting ARRANGEMENT PER CONTRACTOR'S DISCRETION.
- MATting MATERIAL TO BE WOOD, COMPOSITE, OR APPROVED EQUAL.
- CONTRACTOR TO MAINTAIN MATting THROUGHOUT CONSTRUCTION PERIOD.
- CONTRACTOR TO PLACE GEOTEXTILE FABRIC UNDERNEATH MATS IN WET OR SOFT SOILS.
- AREA UNDER MATting TO BE SCARIFIED AND STABILIZED AFTER COMPLETION OF PROJECT.

<b>Westwood</b>	TYPICAL TEMPORARY ACCESS MATTING	<b>RD03</b>
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**SPACING FOR STAPLES**

SLOPE RATIO	STAPLES/YARD
2:1 (H:V) >	1.2 STAPLES
2:1 - 1:1	1.7 STAPLES

**NOTE:**

- REFER TO THE PROJECT SWPCP FOR IMPLEMENTATION REQUIREMENTS.
- MATS/BLANKETS SHOULD BE INSTALLED VERTICALLY DOWNSLOPE.
- SLOPE SURFACE SHALL BE FREE OF ROCKS, CLODS, STICK AND GRASS.
- MATS/BLANKETS SHALL HAVE GOOD SOIL CONTACT.
- LAY BLANKETS LOOSELY AND STAKE OR STAPLE TO MAINTAIN DIRECT CONTACT WITH THE SOIL.
- DO NOT STRETCH.
- BLANKET TYPE AND WEIGHT MUST BE CHOSEN BASED ON SITE CONDITIONS AND MANUFACTURERS RECOMMENDATIONS.
- STAPLE LENGTHS SHALL CONFORM TO MANUFACTURERS RECOMMENDATIONS.

<b>Westwood</b>	TEMPORARY EROSION BLANKETS TURF REINFORCEMENT MATS FOR SLOPES	<b>GD21</b>
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ISSUE DATE:	03/15/2023	PROJECT NUMBER:	UNI9212.EE
		SHEET SIZE:	11"X17"

**DETAILS**

MILVON TO WEST RIVER RAILROAD TRANSMISSION  
LINE 115KV REBUILD PROJECT

MILFORD, ORANGE, WEST HAVEN, NEW HAVEN,  
CONNECTICUT

**SHEET NO.**  
**D1.0**  
SHEET 60 OF 67

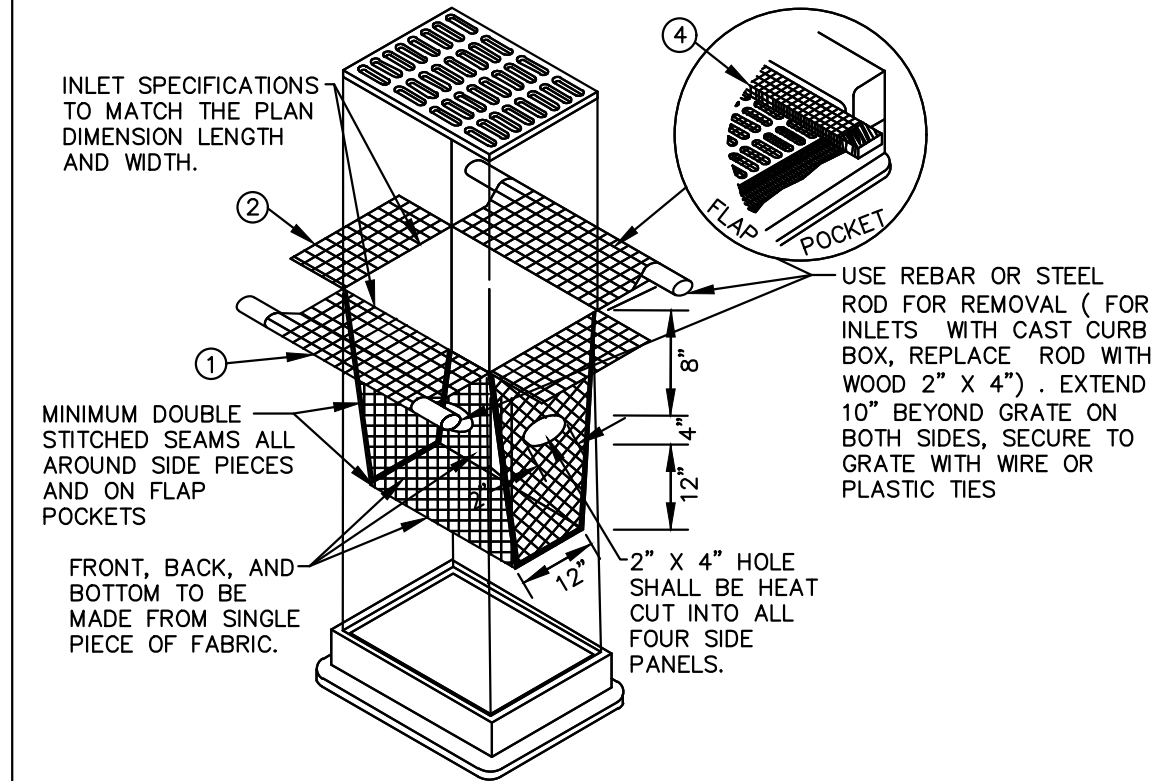
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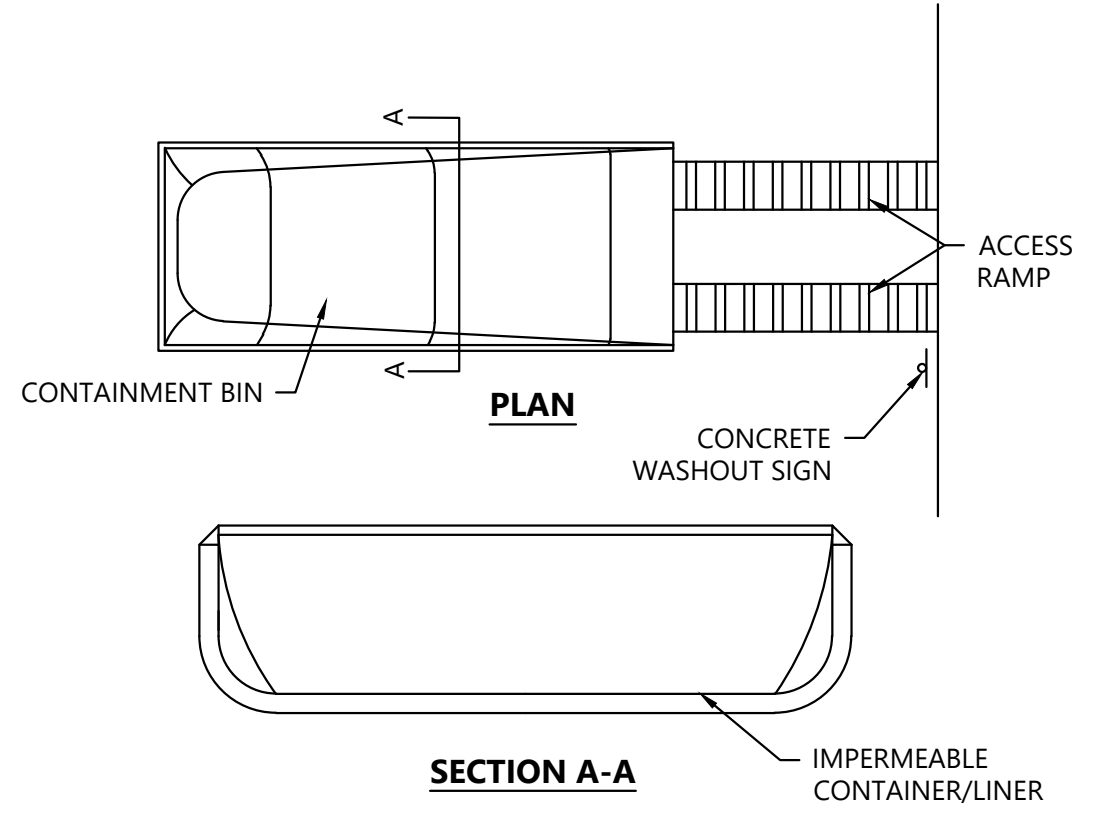
**NOTE:**

- ① ALL GEOTEXTILE USED FOR INLET PROTECTION SHALL BE MONOFILAMENT IN BOTH DIRECTIONS.
- ② FINISHED SIZE (INCLUDING POCKETS) SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.
- ③ DO NOT INSTALL PROTECTION IN INLETS SHALLOWER THAN 30". THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CLINCH THE BAG (USING PLASTIC ZIP TIES) TO ACHIEVE THE 3" CLEARANCE.



**Westwood**      **STORM DRAIN FILTER BAG INSERT**      **GD10**

**\*AN APPROVED ALTERNATE MAY BE USED\***



**NOTES:**

1. CONCRETE WASHOUT AREAS WILL HAVE SEALED UNITS OR AN IMPERMEABLE LINER TO PREVENT CONCRETE WASHOUT WATER FROM INFILTRATING/CONTACTING WITH SOIL. IMPERMEABLE LINER INCLUDES 10 MIL POLYLINER OR COMPACTED CLAY LINER.
2. WASHOUT AREAS TO BE INSPECTED DAILY FOR LEAKS OR TEARS IF PLASTIC IS USED.
3. WASHOUT AREAS TO BE CLEANED OR REPLACED WHEN 50% FULL.

**Westwood**      **CONCRETE WASHOUT AREA**      **GD08**

NOT TO SCALE

REVISIONS	
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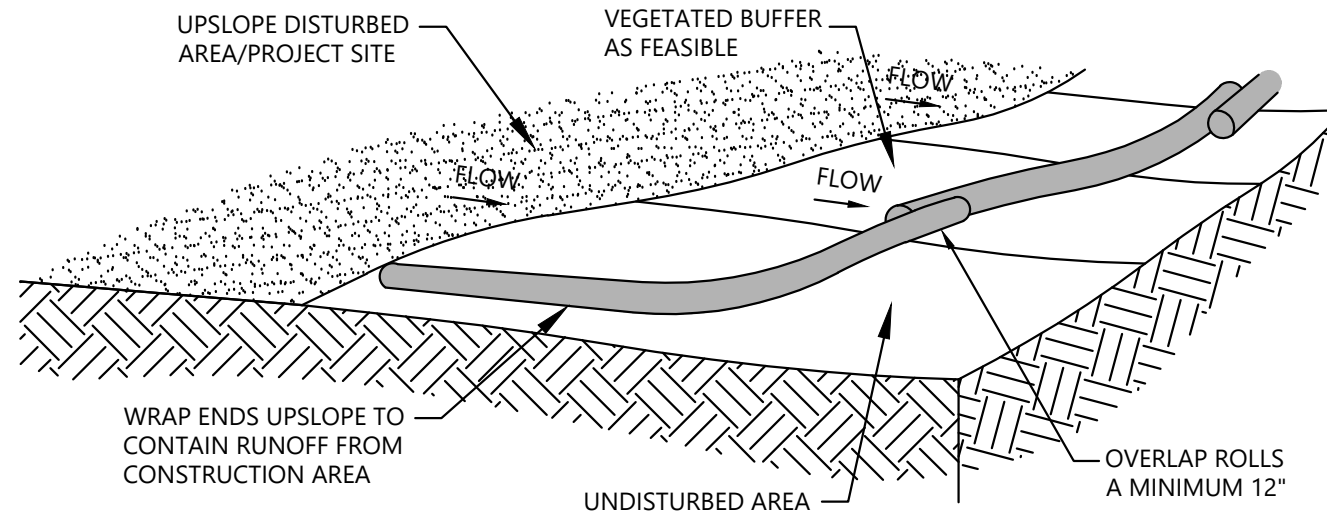
**DETAILS**  
MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

**SHEET NO.**  
**D1.0**  
SHEET 61 OF 67

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**NOTES:**

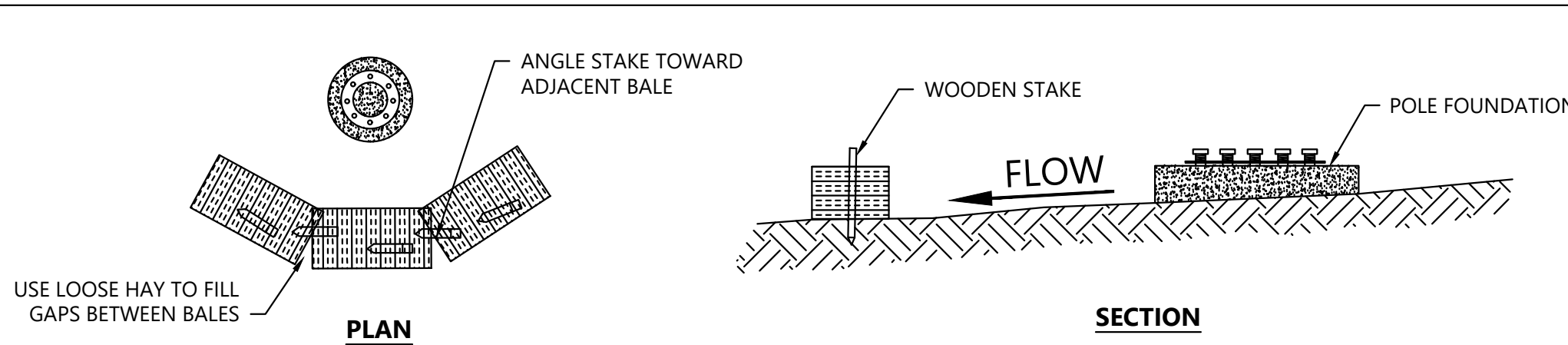
1. MULCH ROLLS SHALL BE INSTALLED PRIOR TO UPSLOPE DISTURBANCE ACTIVITIES COMMENCE.
2. ROLLS SHALL BE INSTALLED PERPENDICULAR TO WATER MOVEMENT, AND PARALLEL TO THE SLOPE CONTOUR.
3. TURN THE ENDS OF THE MULCH ROLLS UP SLOPE TO PREVENT RUNOFF FROM GOING AROUND THE ROLL. THE UPSLOPE POINT SHOULD BE A MINIMUM 6" HIGHER IN ELEVATION THAN THE LOW POINT.
4. IF MORE THAN ONE MULCH ROLL IS PLACED IN A ROW, THE ROLLS SHOULD BE OVERLAPPED A MINIMUM OF 12 INCHES, NOT ABUTTED.
5. TEMPORARY INSTALLATIONS SHOULD ONLY BE REMOVED WHEN UP GRADIENT AREAS ARE STABILIZED PER GENERAL PERMIT REQUIREMENTS, AND/OR POLLUTANT SOURCES NO LONGER PRESENT A HAZARD. BUT, THEY SHOULD ALSO BE REMOVED BEFORE VEGETATION BECOMES TOO MATURE SO THAT THE REMOVAL PROCESS DOES NOT DISTURB MORE SOIL AND VEGETATION THAN IS NECESSARY
6. MULCH ROLLS MUST BE INSPECTED IN ACCORDANCE WITH GENERAL PERMIT REQUIREMENTS. IT IS RECOMMENDED THAT AT A MINIMUM, THE BMPs BE INSPECTED WEEKLY, PRIOR TO FORECASTED RAIN EVENTS, DAILY DURING EXTENDED RAIN EVENTS, AND AFTER THE CONCLUSION OF RAIN EVENTS.
7. REPAIR OR REPLACE SPLIT, TORN, OR FLATTENED MULCH ROLLS.
8. SEDIMENT THAT ACCUMULATES UPSLOPE OF THE BMP SHOULD BE PERIODICALLY REMOVED IN ORDER TO MAINTAIN BMP EFFECTIVENESS. SEDIMENT SHOULD BE REMOVED WHEN SEDIMENT ACCUMULATION REACHES ONE-HALF THE DESIGNATED SEDIMENT STORAGE DEPTH.
9. RILLS OR GULLIES MAY BEGIN TO FORM FOLLOWING MAJOR STORM EVENTS WHERE RUNOFF HAS OVERTOPPED THE MULCH ROLLS. THESE RILLS OR GULLIES SHOULD BE PROMPTLY REPAIRED.



**Westwood**

TYPICAL MULCH ROLLS FOR PERIMETER CONTROL OF CONSTRUCTION AREA LIMIT

**GD43**



**NOTES:**

1. BALES SHOULD BE SEED-FREE STRAW BALES
2. BALES SHOULD BE WIRE BOUND OR STRING TIED
3. ENSURE BALES ARE TIGHTLY FIT TOGETHER. FILL ANY GAPS OR HOLES WITH LOOSE STRAW TO PREVENT WASHOUT OF SEDIMENT

**Westwood**

HAY BALE SEDIMENT CONTROL

NOT TO SCALE

**GD61**



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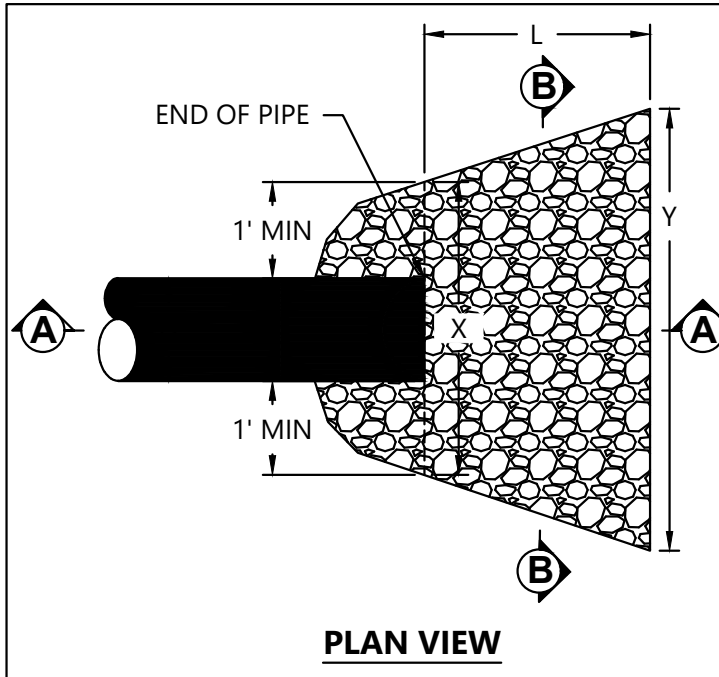
ISSUE DATE:	03/15/2023
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SHEET SIZE:	11"x17"

**DETAILS**

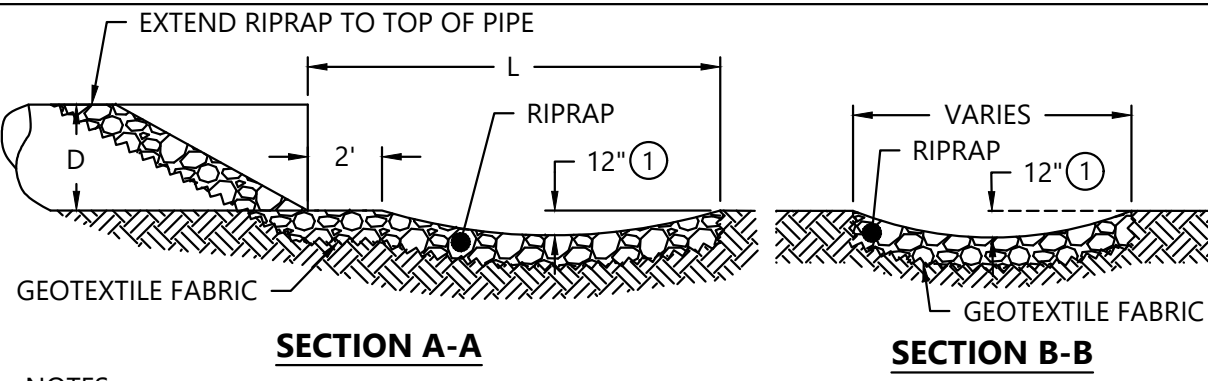
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MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

**SHEET NO.**  
**D1.0**  
SHEET 62 OF 67

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RIPRAP AT CULVERT OUTLETS						
PIPE DIAMETER (D)		L	X	Y	RIPRAP SIZE (D50)	RIPRAP DEPTH
(IN)	(FT)	(FT)	(FT)	(FT)	(IN)	(FT)
12	1	8	3	8	6	1
15	1.25	8	3.3	9	6	1
18	1.5	8	3.5	10	6	1
21	1.75	8	3.8	11	9	1.5
24	2	8	4	11	9	1.5
30	2.5	10	4.5	14	9	1.5
36	3	15	5	19	12	2
42	3.5	18	5.5	22	12	2
48	4	20	6	25	12	2
54	4.5	27	6.5	31.5	12	2
60	5	30	7	35	12	2
>60	>5	CONTACT ENGINEER FOR SPECIFIC DESIGN				



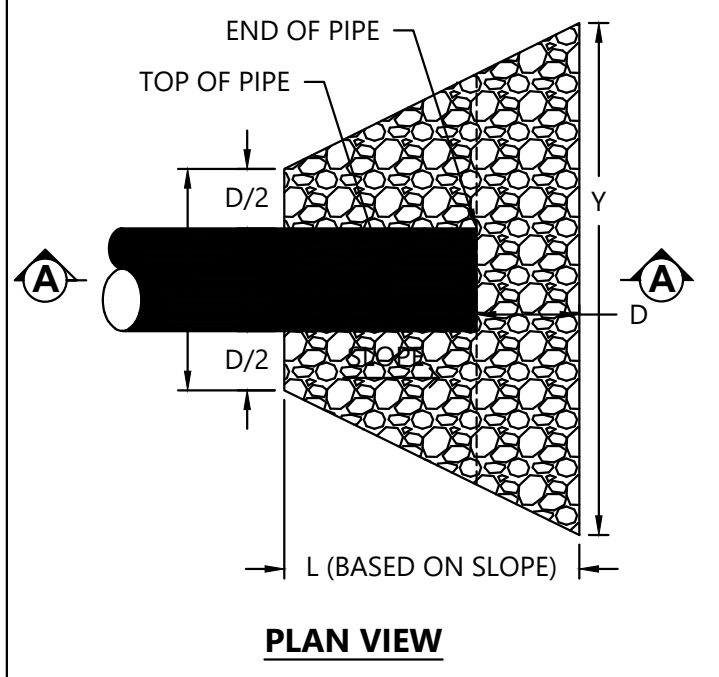
- NOTES:**
- FOR PIPES GREATER OR EQUAL TO 30", USE 1.5'.
  - RIPRAP IS NOT REQUIRED AT CULVERTS 21" OR LESS IF THE CULVERT DRAINS INTO AN UNDISTURBED VEGETATED AREA (OR IF OUTLET IS STABILIZED WITH EROSION CONTROL BLANKET AND RAPID VEGETATION GROWTH IS ANTICIPATED).
  - RIPRAP SHALL BE INSTALLED AT ALL CULVERTS 24" THROUGH 60" PER THIS DETAIL, UNLESS APPROVED BY THE ENGINEER.
  - CONFIRM REQUIREMENTS IN PUBLIC RIGHT-OF-WAY WITH THE AUTHORITY HAVING JURISDICTION.
  - THE CONTRACTOR SHALL PLACE RIPRAP, PULVERIZED TOPSOIL, SEED AND WOODFIBER BLANKET IMMEDIATELY AFTER PIPE IS INSTALLED, EXTEND AREA TO MATCH UNDISTURBED SOIL.
  - DIMENSION "D" EQUALS INSIDE DIAMETER OF PIPE.
  - RIPRAP SHALL EXTEND THE ENTIRE WIDTH BETWEEN MULTIPLE CULVERTS.
  - RIPRAP MATERIAL SHALL MEET THE REQUIREMENTS OF THE LATEST EDITION OF THE FHWA STANDARD SPECIFICATIONS FP-14 SECTION 705.02. CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH SECTION 251.

Westwood

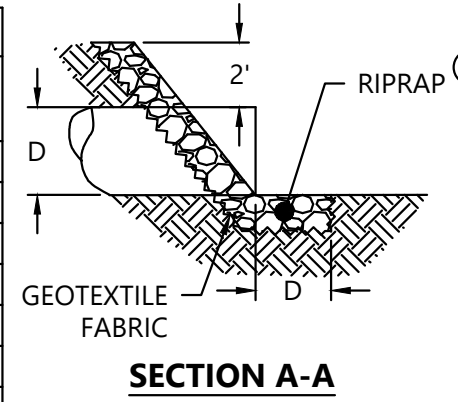
PERMANENT RIPRAP AT CULVERT OUTLETS

NOT TO SCALE

DN-30



RIPRAP AT CULVERT INLETS								
PIPE DIAMETER (D)		L 1:1	L 2:1	L 3:1	X	Y	RIPRAP SIZE (D50)	RIPRAP DEPTH
(IN)	(FT)	(FT)	(FT)	(FT)	(FT)	(FT)	(IN)	(FT)
12	1	4	7	10	2	4	6	1
15	1.25	4.5	7.8	11	2.5	5	6	1
18	1.5	5	8.5	12	3	6	6	1
21	1.75	5.5	9.3	13	3.5	7	9	1.5
24	2	6	10	14	4	8	9	1.5
30	2.5	7	11.5	16	5	10	9	1.5
36	3	8	13	18	6	12	9	1.5
42	3.5	9	14.5	20	7	14	9	1.5
48	4	10	16	22	8	16	9	1.5
54	4.5	11	17.5	24	9	18	12	2
60	5	12	19	26	10	20	12	2
>60	>5	CONTACT ENGINEER FOR SPECIFIC DESIGN						



- NOTES:**
- RIPRAP IS NOT REQUIRED AT CULVERTS 21" OR LESS, UNLESS SPECIFICALLY SHOWN ON THE PLANS.
  - RIPRAP SHALL BE INSTALLED AT ALL CULVERTS 24" THROUGH 60" PER THIS DETAIL, UNLESS APPROVED BY THE ENGINEER.
  - THE CONTRACTOR SHALL PLACE RIPRAP, PULVERIZED TOPSOIL, SEED AND WOODFIBER BLANKET IMMEDIATELY AFTER PIPE IS INSTALLED, EXTEND AREA TO MATCH UNDISTURBED SOIL.
  - CONFIRM REQUIREMENTS IN PUBLIC RIGHT-OF-WAY WITH THE AUTHORITY HAVING JURISDICTION.
  - DIMENSION "D" EQUALS INSIDE DIAMETER OF PIPE.
  - RIPRAP SHALL EXTEND THE ENTIRE WIDTH BETWEEN MULTIPLE CULVERTS.
  - RIPRAP MATERIAL SHALL MEET THE REQUIREMENTS OF THE LATEST EDITION OF THE FHWA STANDARD SPECIFICATIONS FP-14 SECTION 705.02. CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH SECTION 251.

Westwood

PERMANENT RIPRAP AT CULVERT INLETS

NOT TO SCALE

DN-31

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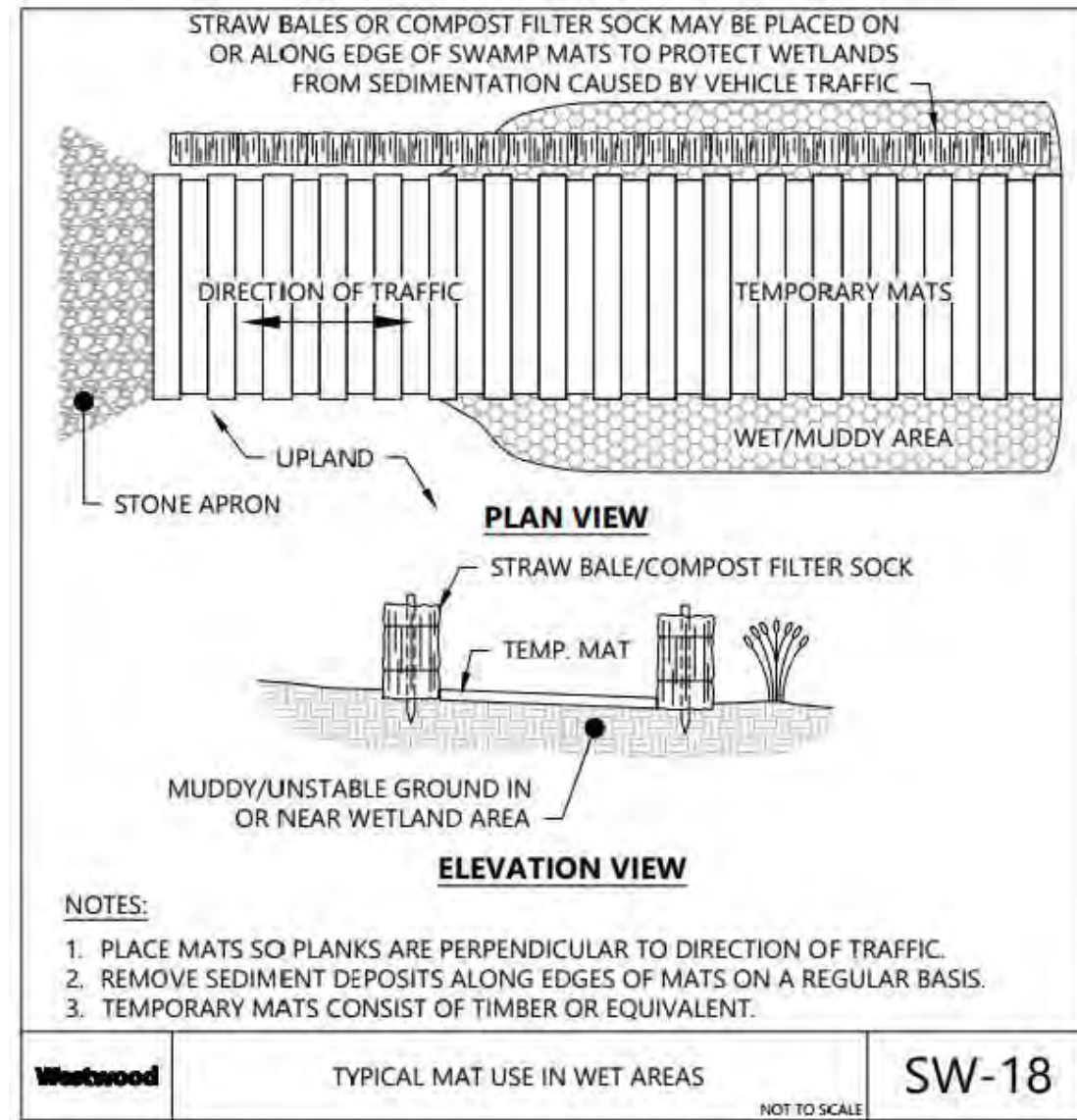
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NO.	DATE

DESIGNED BY: WW/ASB  
 DRAWN BY: WW/ASB  
 REVIEWED BY: KAM

ISSUE DATE: 03/15/2023  
 PROJECT NUMBER: UNI9212.EE  
 SHEET SIZE: 11"x17"

DETAILS  
 MILVON TO WEST RIVER RAILROAD TRANSMISSION LINE 115KV REBUILD PROJECT  
 MILFORD, ORANGE, WEST HAVEN, NEW HAVEN, CONNECTICUT

SHEET NO.  
**D1.0**  
 SHEET 63 OF 67



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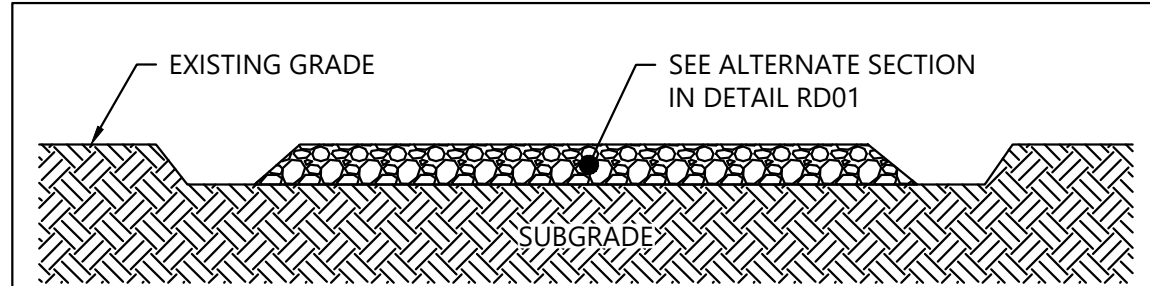
**DETAILS**

MILVON TO WEST RIVER RAILROAD TRANSMISSION  
 LINE 115KV REBUILD PROJECT

MILFORD, ORANGE, WEST HAVEN, NEW HAVEN,  
 CONNECTICUT

SHEET NO.  
**D1.0**  
 SHEET 64 OF 67

DRAWING NAME: V:\Data\U\umiri - the united illuminating company\uniford to new haven, ct\um9207e\CAD\SWPCP\DETAILS.dwg LAYOUT: 65 DETAILS PLOT DATE: Apr 03, 2023 - 1:03pm OPERATOR: ASB



**SECTION**

**NOTES:**

TEMPORARY CONSTRUCTION MATTING SHALL BE USED IN THE REGULATORY FLOODWAY, IN WETLANDS, OR USED TO SPAN WATERCOURSES. POST-CONSTRUCTION, ALL GRADES WITHIN THE 100-YEAR FLOODPLAIN AND REGULATORY FLOODWAY MUST BE RESTORED TO BE AT OR BELOW PRE-CONSTRUCTION CONTOURS. ACCESS ROADS AND WORK AREAS MAY BE CONSTRUCTED AS DEPICTED ABOVE AND DESCRIBED BELOW:

1. FOR GRAVEL WORK AREAS OR ACCESS ROUTES IN UPLANDS WITHIN THE 100-YEAR FLOODPLAIN, INTENDED TO BE LEFT IN PLACE, PREPARE SURFACE BY OVER-EXCAVATING THE EXISTING MATERIAL AND BACKFILL TO THE EXISTING GRADE. EXCESS SEDIMENT SHALL BE REMOVED FROM THE SITE OR SPREAD OUTSIDE OF THE 100-YEAR FLOODPLAIN IN UPLANDS. WORK AREAS CONSTRUCTED AT OR BELOW THE EXISTING GRADE MAY REMAIN IN PLACE POST-CONSTRUCTION.
2. UTILIZE THIS SECTION IN ALL PERMANENT FEMA FLOODPLAIN AREAS BESIDES AT WEST RIVER, EAST OF MIX AVENUE.
3. IF PREPARED SURFACES IN UPLANDS SHALL BE CONSTRUCTED ABOVE THE EXISTING GRADES DUE TO SITE CONSTRAINTS, GEOTEXTILE FABRIC SHOULD BE INSTALLED BELOW THE GRAVEL FILL MATERIAL. AFTER THE COMPLETION OF WORK, FILL MATERIAL IN EXCESS OF THE PRE-EXISTING GRADES AND CONTOURS SHOULD BE REMOVED AND TRANSPORTED FROM THE SITE OR SPREAD OUTSIDE OF THE 100-YEAR FLOODPLAIN IN UPLANDS.
4. ALTERNATIVELY, TEMPORARY CONSTRUCTION MATTING MAY ALSO BE USED IN THE 100-YEAR FLOODPLAIN.

<b>Westwood</b>	PERMANENT ACCESS OR WORK PAD CONSTRUCTION IN FLOODPLAINS	<b>RD-13</b>
	NOT TO SCALE	

Figure TS-2 Temporary Seeding Rates and Dates														
Species <sup>4</sup>	Seeding Rates (pounds)		Optimum Seed Depth <sup>2</sup> (inches)	Optimum Seeding Dates <sup>1</sup>										Plant Characteristics
	/Acre	/1000 sq. ft.		3/15	4/15	5/15	6/15	7/15	8/15	9/15	10/15			
				3/1	4/1	5/1	6/1	7/1	8/1	9/1	10/1			
Annual ryegrass <i>Lolium multiflorum</i>	40	1.0	0.5										May be added in mixes. Will mow out of most stands	
Perennial ryegrass <i>Lolium perenne</i>	40	1.0	0.5										Use for winter cover. Tolerates cold and low moisture.	
Winter Rye <i>Secale cereale</i>	120	3.0	1.0										Quick germination and heavy spring growth. Dies back in June with little regrowth.	
Oats <i>Avena sativa</i>	86	2.0	1.0										In northern CT, will winter kill with the first killing frost and may throughout the state in severe winters.	
Winter Wheat <i>Triticum aestivum</i>	120	3.0	1.0										Quick germination with moderate growth. Dies back in June with no regrowth.	
Millet <i>Echinochloa crusgalli</i>	20	0.5	1.0										Warm season small grain. Dies with frost in September.	
Sudangrass <i>Sorghum sudanense</i>	30	0.7	1.0										Tolerates warm temperatures and droughty conditions.	
Buckwheat <i>Fagopyrum esculentum</i>	15	0.4	1.0										Hardy plant that will reseed itself and is good as a green manure crop.	
Weeping lovegrass <i>Eragrostis cymbula</i>	5	0.2	0.25										Warm-season perennial. May bunch. Tolerates hot, dry slopes, acid infertile soils. Excellent nurse crop. Usually winter kills.	
DOT All Purpose Mix <sup>3</sup>	150	3.4	0.5										Suitable for all conditions.	

<sup>1</sup> May be planted throughout summer if soil moisture is adequate or can be irrigated. Fall seeding may be extended 15 days in the coastal towns.  
<sup>2</sup> Seed at twice the indicated depth for sandy soils.  
<sup>3</sup> See Permanent Seeding **Figure PS-3** for seeding mixture requirements.  
<sup>4</sup> Listed species may be used in combinations to obtain a broader time spectrum. If used in combinations, reduce each species planting rate by 20% of that listed.

Source: USDA-NRCS

SOURCE: "2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL," BY THE CONNECTICUT COUNCIL ON SOIL AND WATER CONSERVATION IN COOPERATION WITH THE CONNECTICUT DEPARTMENT OF ENVIRONMENTAL PROTECTION

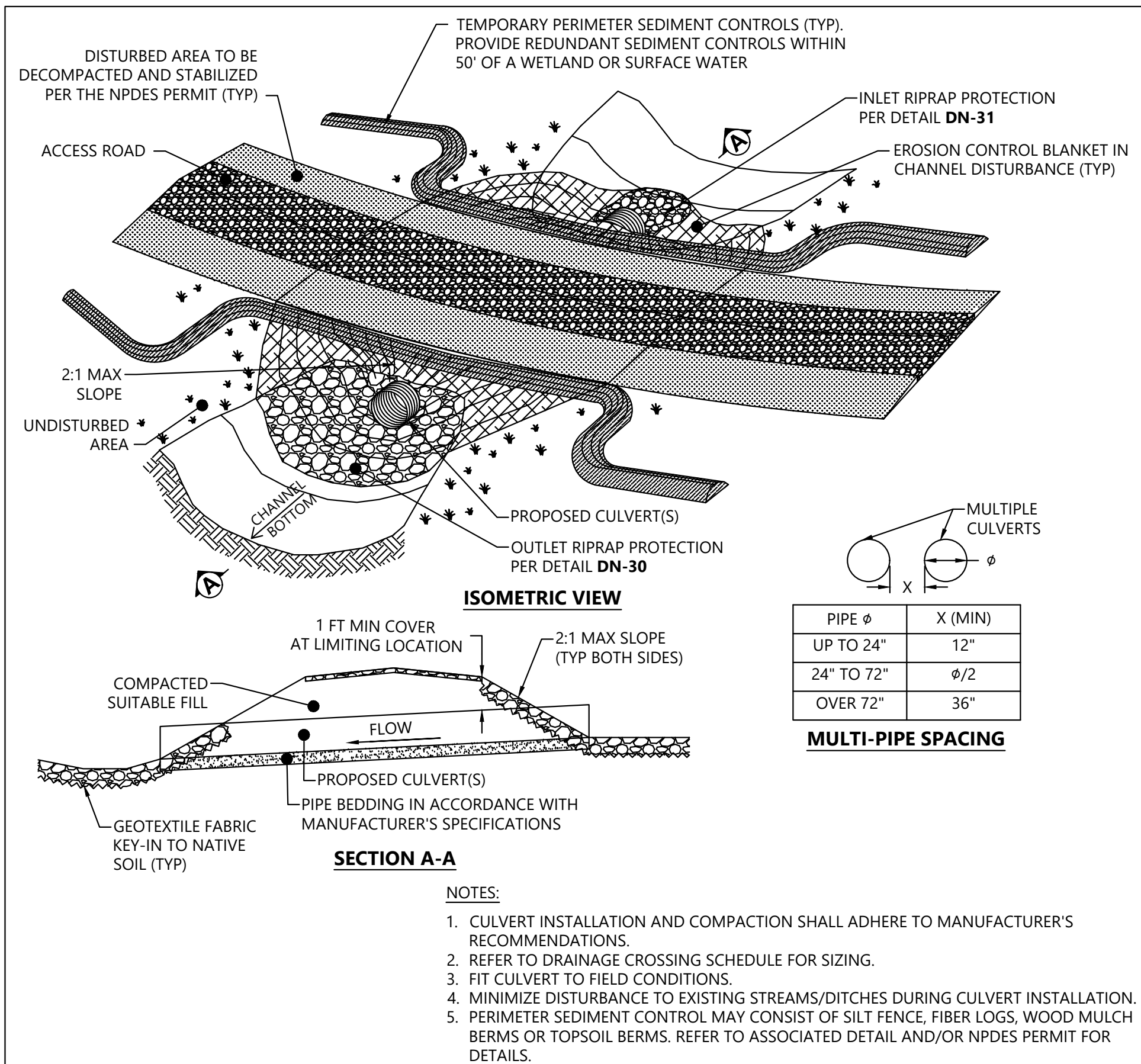
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 DRAWN BY: **WW/ASB**  
 REVIEWED BY: **KAM**

ISSUE DATE: **03/15/2023**  
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DRAWING NAME: V:\Data\U\umiri - the united illuminating company\uniford to new haven.ct\um9207e\CAD\SWPCP\DETAILS.dwg LAYOUT: 66 DETAILS PLOT DATE: Apr 03, 2023 - 1:03pm OPERATOR: ASB



**NOTES:**

1. CULVERT INSTALLATION AND COMPACTION SHALL ADHERE TO MANUFACTURER'S RECOMMENDATIONS.
2. REFER TO DRAINAGE CROSSING SCHEDULE FOR SIZING.
3. FIT CULVERT TO FIELD CONDITIONS.
4. MINIMIZE DISTURBANCE TO EXISTING STREAMS/DITCHES DURING CULVERT INSTALLATION.
5. PERIMETER SEDIMENT CONTROL MAY CONSIST OF SILT FENCE, FIBER LOGS, WOOD MULCH BERMS OR TOPSOIL BERMS. REFER TO ASSOCIATED DETAIL AND/OR NPDES PERMIT FOR DETAILS.



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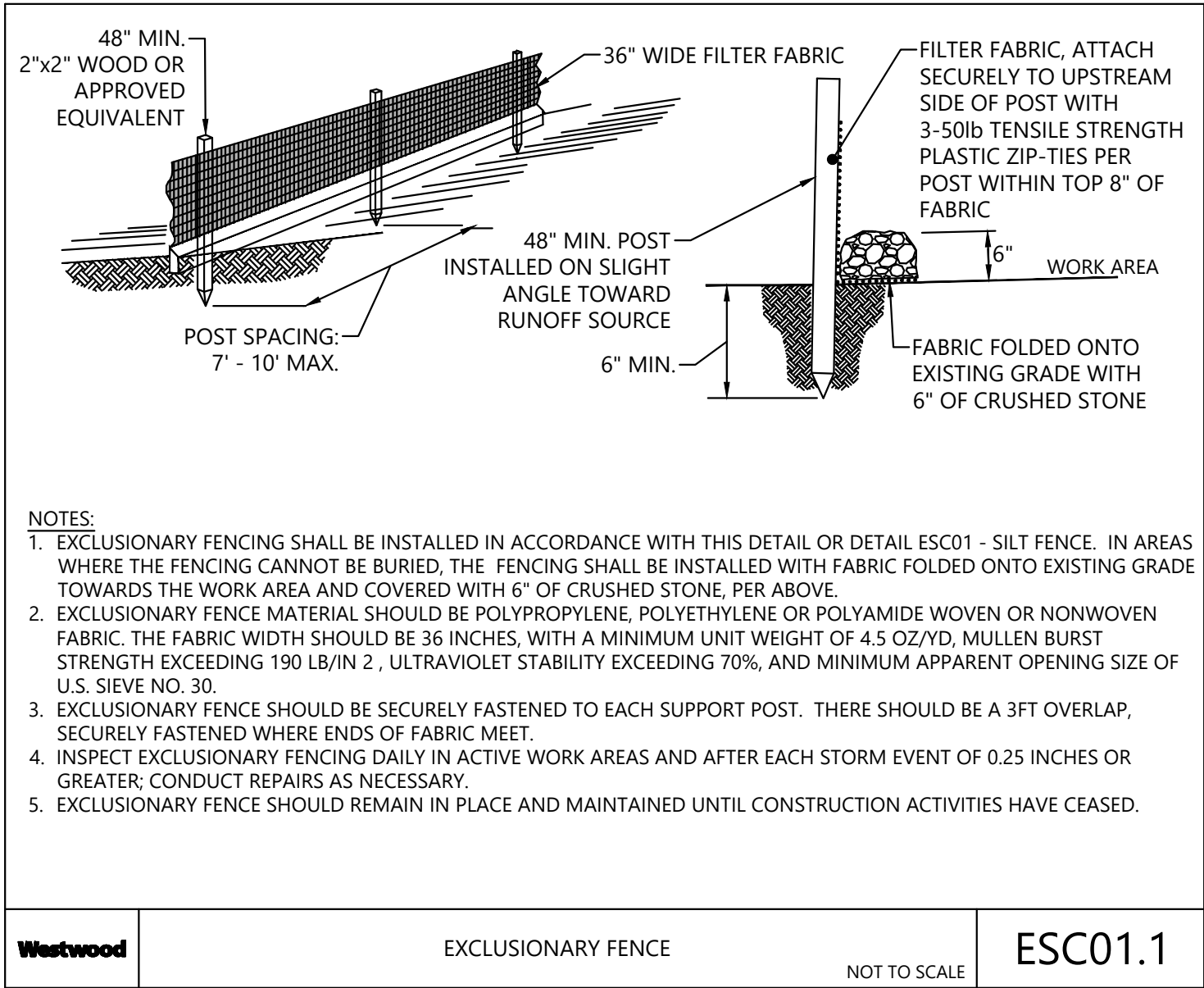
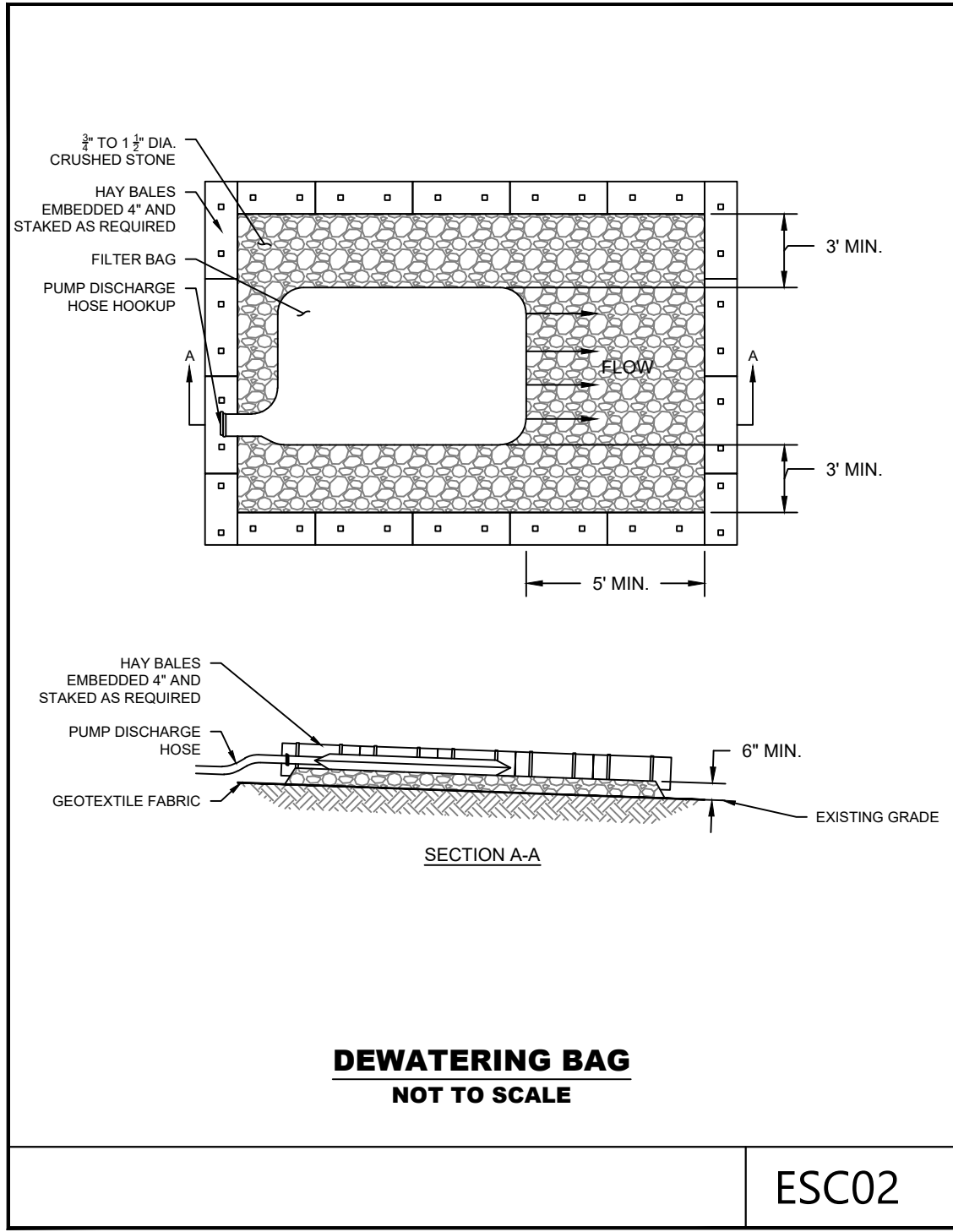
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