

PROPOSED INTERMODAL TERMINAL

NOTICE OF INTENT

781 CHURCH STREET

IN NEW BEDFORD, MA

APPLICANT:

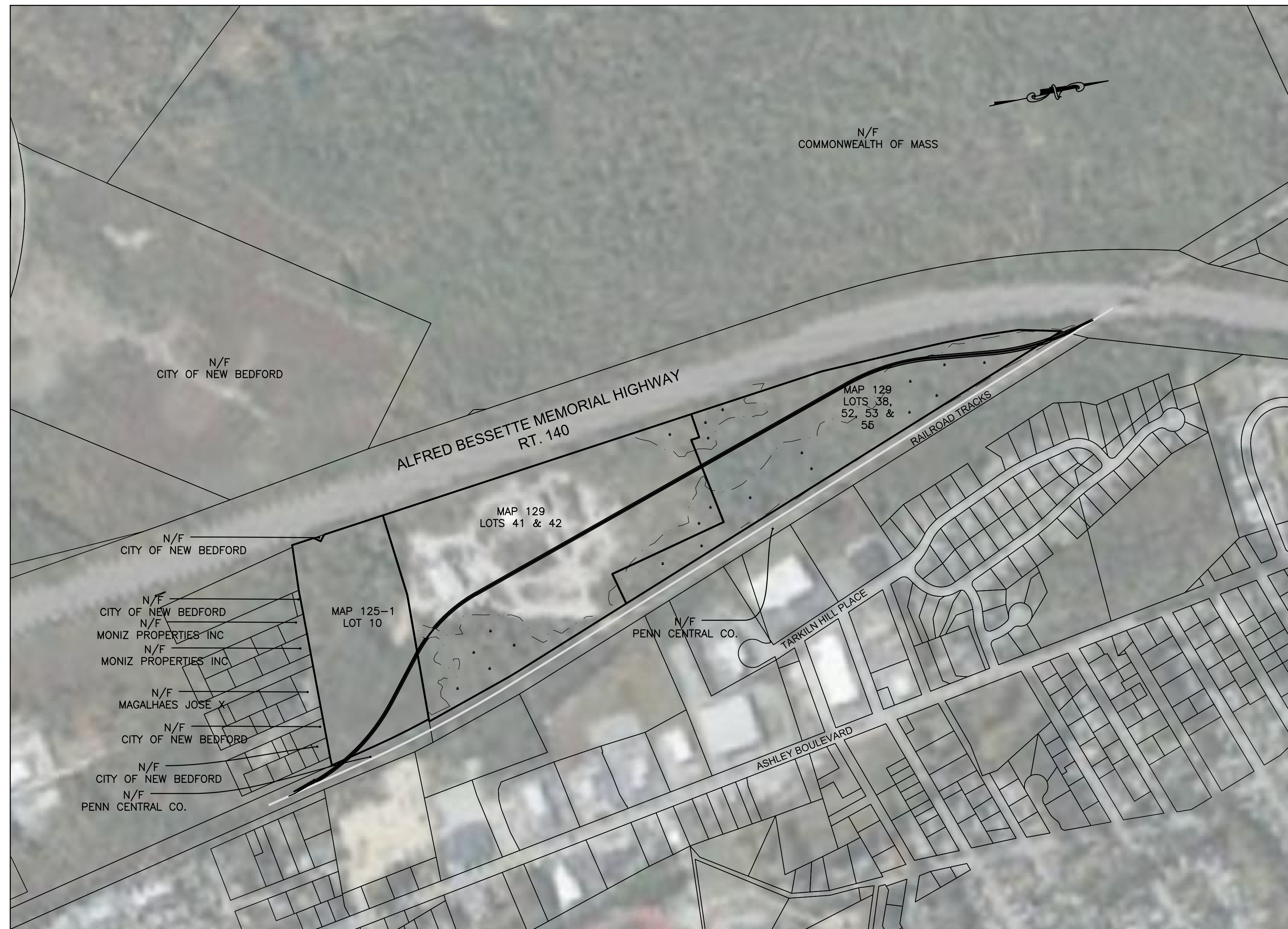
RICHARD FRADE
 FRADES DISPOSAL, INC.
 781 CHURCH STREET
 NEW BEDFORD, MA 02745

OWNERS:

CHURCH STREET, LLC
 781 CHURCH STREET
 NEW BEDFORD, MA 02745

NEW BEDFORD ASSESSORS MAP 129
 LOTS: 38, 41, 42, 52, 53, 55

NEW BEDFORD ASSESSORS MAP 125-1
 LOT 10



LOCUS
SCALE: 1"=300'

SCHEDULE OF DRAWINGS

SHEET #	PLAN TITLE
-	COVER SHEET
1	OVERALL EXISTING CONDITIONS PLAN
2	OVERALL SITE PLAN
2-A	SITE PLAN
2-B	SITE PLAN
3	DETAILS

PREPARED BY:



CIVIL ENGINEERING—LAND SURVEYING—ENVIRONMENTAL ASSESSMENT
 P.O. BOX 1088, 350 BEDFORD STREET, LAKEVILLE, MA 02347
 TEL: 508.947.0050 FAX: 508.947.2004

JUNE 23, 2022
REVISED (DRAFT) JULY 27, 2022

NOTES:

1. VERTICAL DATUM IS NAVD88.
2. ALL MONUMENTS AND PROPERTY LINE EVIDENCE SHOWN ARE OF RECORD AND NOT VERIFIED BY THIS OFFICE. ALL PROPERTY LINES SHOWN HEREON ARE TAKEN FROM CITY OF NEW BEDFORD GIS.
3. BASE TOPOGRAPHY OBTAINED FROM USGS LIDAR 2011.
4. DETAILED TOPOGRAPHY IN PROPOSED AREAS OF WORK ARE THE RESULT OF FIELD SURVEY CONDUCTED BY PRIME ENGINEERING IN JUNE 2022.
5. EXISTING BUILDING LOCATIONS SURVEYED BY OTHERS.
6. EXISTING SITE FEATURES SHOWN INCLUDING TREELINE AND GRAVEL ROAD ARE DIGITIZED FROM AERIAL PHOTOS AND ARE APPROXIMATE.
7. WETLAND DELINEATION BY ECOSYSTEMS SOLUTIONS IN APRIL 2022 AND LOCATED WITH FIELD SURVEY BY PRIME ENGINEERING.



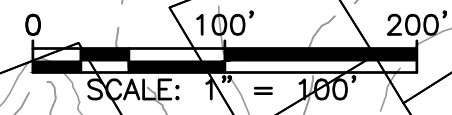
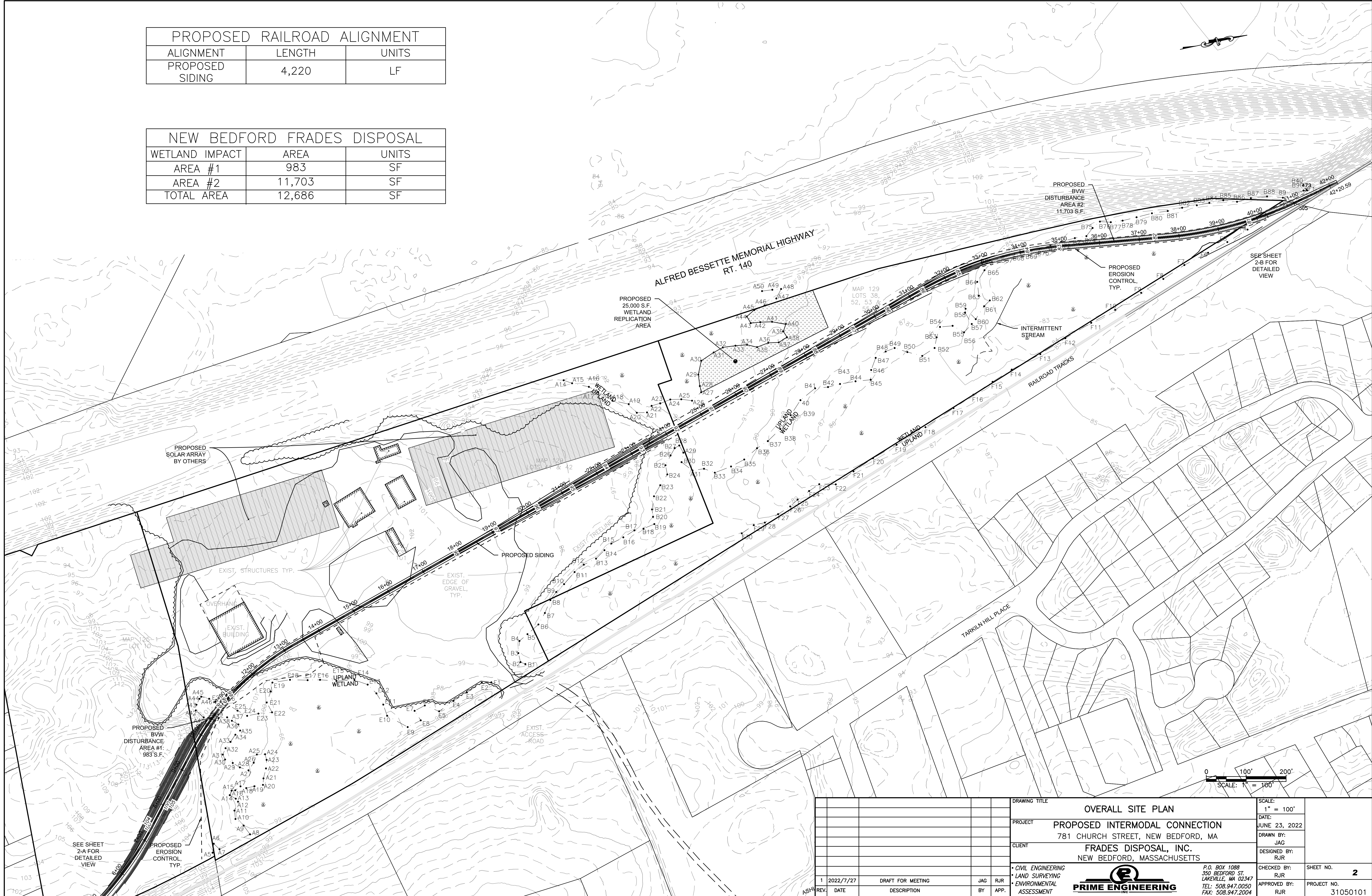
DRAWING TITLE		OVERALL EXISTING CONDITIONS PLAN		SCALE:	1" = 100'
PROJECT		PROPOSED INTERMODAL CONNECTION 781 CHURCH STREET, NEW BEDFORD, MA		DATE:	JUNE 23, 2022
CLIENT		FRADES DISPOSAL, INC. NEW BEDFORD, MASSACHUSETTS		DRAWN BY:	JAG
				DESIGNED BY:	RJR
				CHECKED BY:	RJR
				APPROVED BY:	RJR
				SHEET NO.	1
				PROJECT NO.	31050101
1	2022/7/27	DRAFT FOR MEETING	JAG	RJR	
REV.	DATE	DESCRIPTION	BY	APP.	



P.O. BOX 1088
350 BEDFORD ST.
LAKEVILLE, MA 02347
TEL: 508.947.0050
FAX: 508.947.2004

PROPOSED RAILROAD ALIGNMENT		
ALIGNMENT	LENGTH	UNITS
PROPOSED SIDING	4,220	LF

NEW BEDFORD FRADES DISPOSAL		
WETLAND IMPACT	AREA	UNITS
AREA #1	983	SF
AREA #2	11,703	SF
TOTAL AREA	12,686	SF



DRAWING TITLE		OVERALL SITE PLAN		SCALE: 1" = 100'	
PROJECT		PROPOSED INTERMODAL CONNECTION 781 CHURCH STREET, NEW BEDFORD, MA		DATE: JUNE 23, 2022	
CLIENT		FRADES DISPOSAL, INC. NEW BEDFORD, MASSACHUSETTS		DRAWN BY: JAG	
DESIGNED BY: RJR		CHECKED BY: RJR		SHEET NO. 2	
APPROVED BY: RJR		P.O. BOX 1088 350 BEDFORD ST. LAKEVILLE, MA 02347 TEL: 508.947.0050 FAX: 508.947.2004		PROJECT NO. 31050101	
1	2022/7/27	DRAFT FOR MEETING	JAG	RJR	APP.
ASH	REV.	DATE	DESCRIPTION	BY	APP.

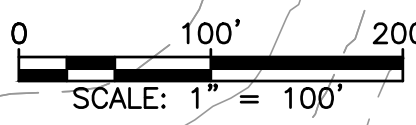


PROPOSED BWWD
DISTURBANCE
AREA #1: 983 S.F.

CONCEPTUAL
PROPOSED
GRADING

PROPOSED
EROSION CONTROL

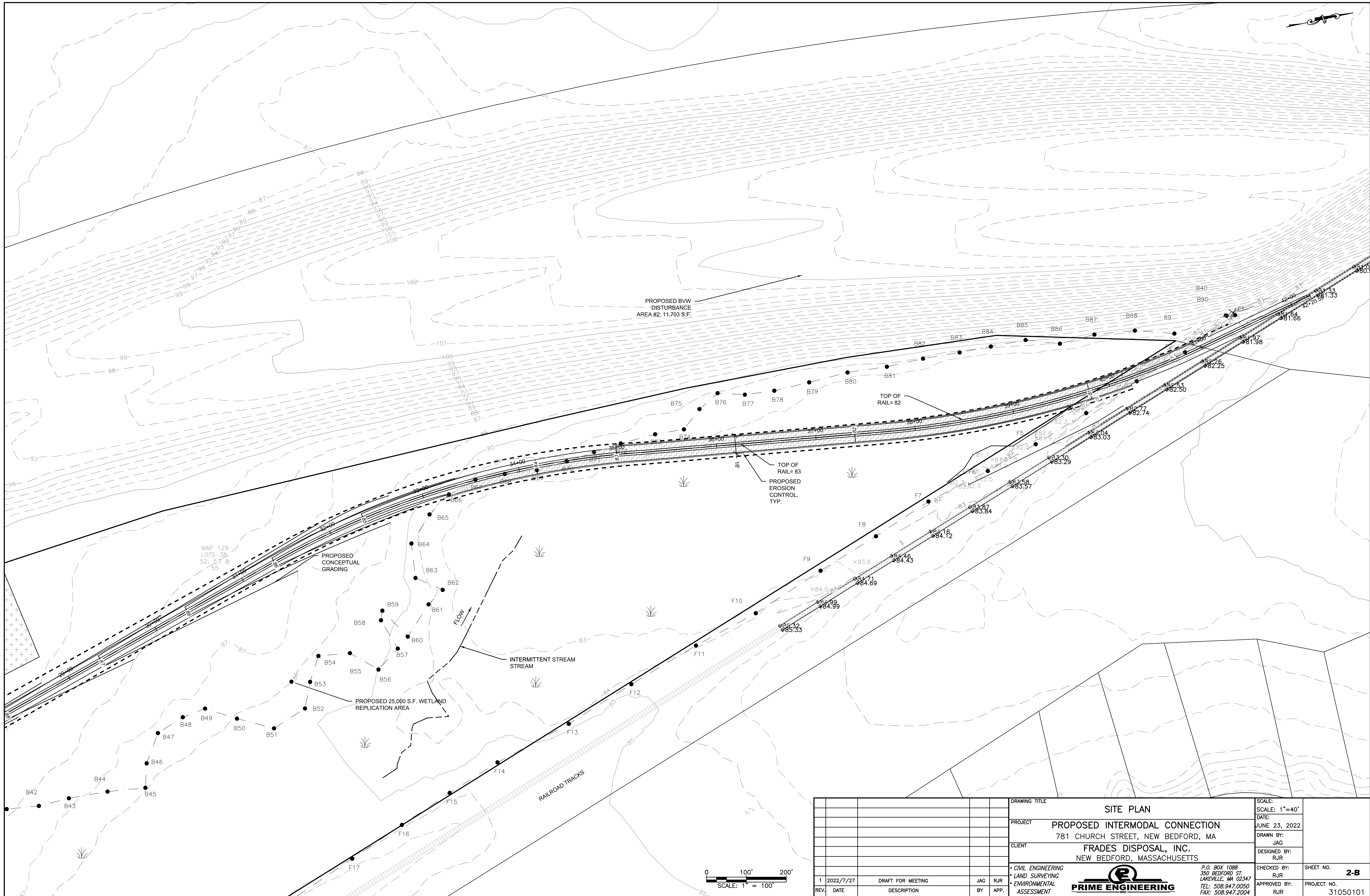
UPLAND
WETLAND



DRAWING TITLE				SITE PLAN		SCALE: SCALE: 1"=40'	
PROJECT				PROPOSED INTERMODAL CONNECTION 781 CHURCH STREET, NEW BEDFORD, MA			
CLIENT				FRADES DISPOSAL, INC. NEW BEDFORD, MASSACHUSETTS			
DATE				JUNE 23, 2022		DRAWN BY: JAG	
REV.				BY		DESIGNED BY: RJR	
DESCRIPTION				APP.		CHECKED BY: RJR	
DATE				APP.		APPROVED BY: RJR	
DATE				APP.		PROJECT NO. 31050101	
DATE				APP.		SHEET NO. 2-A	

• CIVIL ENGINEERING
 • LAND SURVEYING
 • ENVIRONMENTAL ASSESSMENT

P.O. BOX 1088
 350 BEDFORD ST.
 LAKEVILLE, MA 02347
 TEL: 508.947.0050
 FAX: 508.947.2004



DRAWING TITLE		SITE PLAN		SCALE: 1"=40'	
PROJECT		PROPOSED INTERMODAL CONNECTION 781 CHURCH STREET, NEW BEDFORD, MA		DATE: JUNE 23, 2022	
CLIENT		FRADES DISPOSAL, INC. NEW BEDFORD, MASSACHUSETTS		DRAWN BY: JAG	
DESIGNED BY: RJR		CHECKED BY: RJR		SHEET NO. 2-B	
APPROVED BY: RJR		PROJECT NO. 31050101		P.O. BOX 1088 350 BEDFORD ST. LAKEVILLE, MA 02347 TEL: 508.947.0050 FAX: 508.947.2004	
1 2022/7/27 DRAFT FOR MEETING JAG RJR REV. DATE DESCRIPTION BY APP.				C:\Users\user\appdata\local\temp\AcPublish_13508\FRADES-781 CHURCH ST-NEW BEDFORD.dwg	

GENERAL WETLAND REMEDIATION NOTES:

1. PLANTING WILL OCCUR DURING THE GROWING SEASON. THE GROWING SEASON FOR BRISTOL COUNTY (SOUTHERN) ACCORDING TO THE MASSACHUSETTS DEPARTMENT OF ENVIRONMENTAL PROTECTION INLAND WETLAND REPLICATION GUIDELINES IS APRIL 24TH TO OCTOBER 11TH.
2. ALL PLANTINGS SHALL COME FROM A REPUTABLE PLANT NURSERY OR GARDEN CENTER WITH RECEIPT OF RECEIVING ALL PLANT MATERIAL SPECIFIED IN THIS RESTORATION PLAN AND FOR THE RECEIPT TO BE SUBMITTED TO THE CONSERVATION COMMISSION.
3. SEE PLANTING SCHEDULE FOR NUMBER OF SPECIES. THE LOCATIONS SHOWN ON THE PLAN ARE APPROXIMATE AND SHOULD BE ADJUSTED ON SITE, TO MATCH THE EXISTING CHARACTER OF THE ADJACENT WETLAND BUFFER AND INCREASE THE SUCCESSFUL ESTABLISHMENT OF PLANTINGS.
4. PRIOR TO SHRUB PLANTING, PLANTS SHALL BE "LAYED OUT" IN GROUPS OF THE SAME SPECIES (2-4 PLANTS PER GROUP).
5. ONCE HOLES ARE DUG FOR EACH INDIVIDUAL TREE PLANTING, 1 PART ORGANIC COW MANURE AND 2 PARTS ORGANIC PEAT SHALL BE PLACED IN THE HOLE TO PROVIDE NUTRIENTS TO THE NEW PLANTS.
6. ALL BURLAP SHALL BE REMOVED FROM PLANT SPECIMENS AND ROOTS SHALL BE TEASED APART GENTLY. PLANTS CAN THEN BE PLACED IN THEIR HOLES AND COVERED WITH LOAM UP TO THE BASE OF THE PLANT.
7. ONCE ALL PLANTING IS DONE, A REPORT WITH PICTURES OF THE OUTCOME SHALL BE SUBMITTED TO THE CONSERVATION COMMISSION.
8. THROUGHOUT THE REPLICATION PROCESS THE NUMBER AND PLACEMENT OF PLANTINGS AT THE REPLICATION LOCATION MAY BE MODIFIED DEPENDING ON UNANTICIPATED CONDITIONS, IF SO RECOMMENDED BY THE CONSERVATION AGENT.
9. THE WETLAND VEGETATION RESTORATION PROCESS SHALL BE MONITORED BY A WETLAND SCIENTIST RETAINED BY THE OWNER AND BY THE DARTMOUTH CONSERVATION AGENT. THE REMEDIATED AREA SHALL BE INSPECTED BY A WETLAND SCIENTIST IN THE SPRING OF 2022 AND THE SPRING OF 2023 AND THE CONDITION OF THE RESTORED WETLAND AREA SHALL BE REPORTED TO THE DARTMOUTH CONSERVATION COMMISSION.

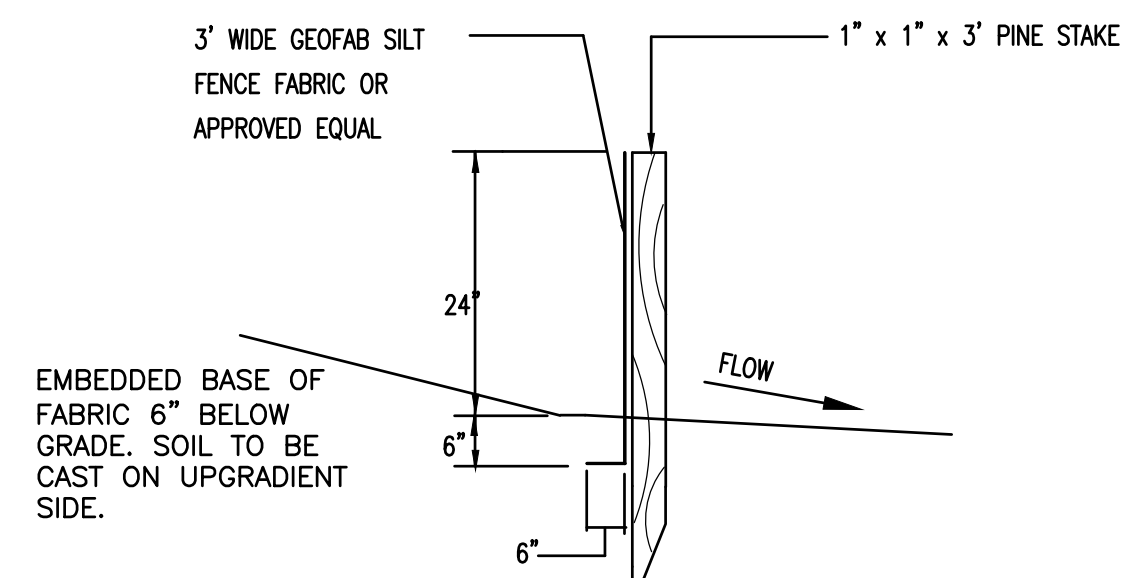
SEED MIX NOTES:

THE AREA OF VEGETATION REMOVAL TO BE SEEDED WITH ONE POUND PER 2,000 SQUARE FEET OF NEW ENGLAND WETLAND PLANTS, INC. NEW ENGLAND CONSERVATION/WILDLIFE SEED MIX, OR APPROVED EQUAL WHICH CONTAINS THE FOLLOWING SPECIMENS:

Botanical Name	Common Name	Indicator
<i>Elymus virginicus</i>	Virginia Wild Rye	FACW-
<i>Schizachyrium scoparium</i>	Little Bluestem	FACU
<i>Andropogon gerardii</i>	Big Bluestem	FAC
<i>Festuca rubra</i>	Red Fescue	FACU
<i>Sorghastrum nutans</i>	Indian Grass	UPL
<i>Panicum virgatum</i>	Switch Grass	FAC
<i>Chamaecrista fasciculata</i>	Partridge Pea	FACU
<i>Desmodium canadense</i>	Showy Tick Trefoil	FAC
<i>Asclepias tuberosa</i>	Butterfly Milkweed	NI
<i>Bidens frondosa</i>	Beggar Ticks	FACW
<i>Eupatorium purpureum (Eutrochium maculatum)</i>	Purple Joe Pye Weed	FAC
<i>Rudbeckia hirta</i>	Black Eyed Susan	FACU-
<i>Aster pilosus (Symphyotrichum pilosum)</i>	Heath (or Hairy) Aster	UPL
<i>Solidago juncea</i>	Early Goldenrod	

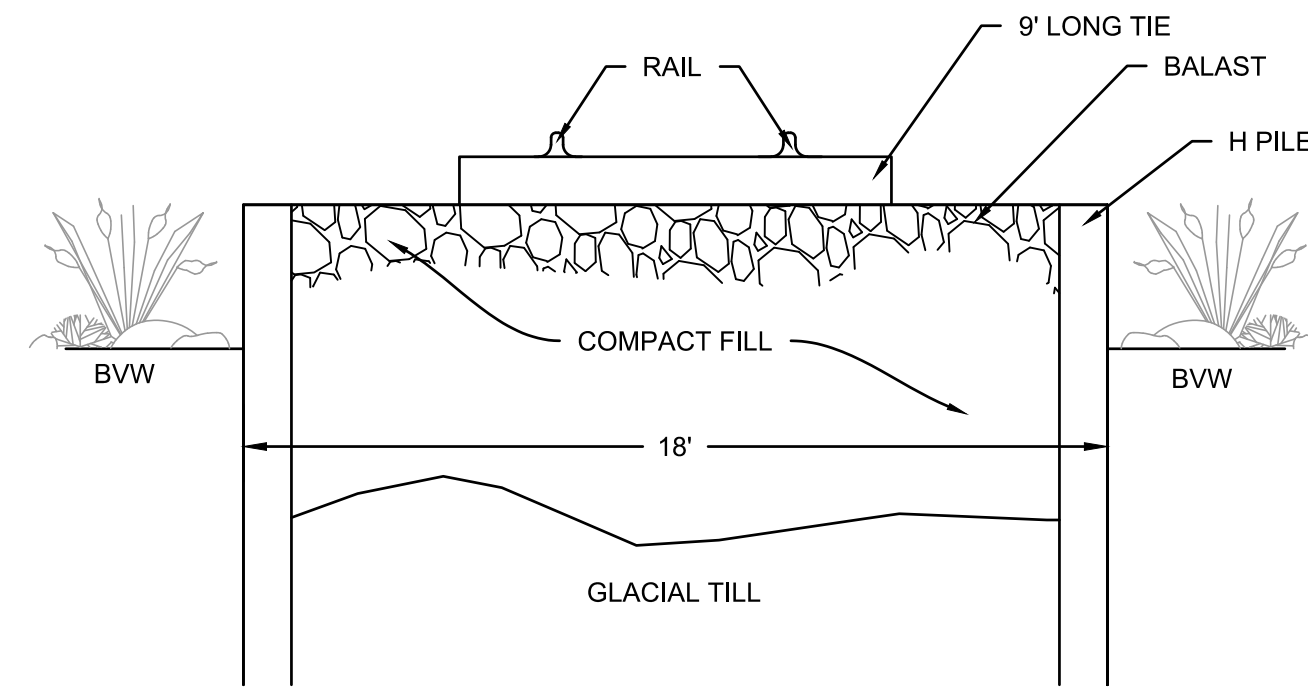
PLANTING SCHEDULE

TREES				
KEY	COMMON NAME	LATIN NAME	MIN. SIZE.	QUANTITY
NS	BLACK GUM	NYSSA SYLVATICA	1.5" CAL. D.B.H.	TBD
AR	RED MAPLE	ACER RUBRUM	1.5" CAL. D.B.H.	TBD
QB	SWAMP OAK	QUERCUS BICOLOR	1.5" CAL. D.B.H.	TBD
SHRUBS				
LB	COMMON SPICEBUSH	LINDERA BENZOIN	3-5 GAL. POT	TBD
CR	GREY DOGWOOD	CORNUS RACEMOSA	3-5 GAL. POT	TBD
VD	ARROWWOOD VIBURNUM	VIBURNUM DENTATUM	3-5 GAL. POT	TBD



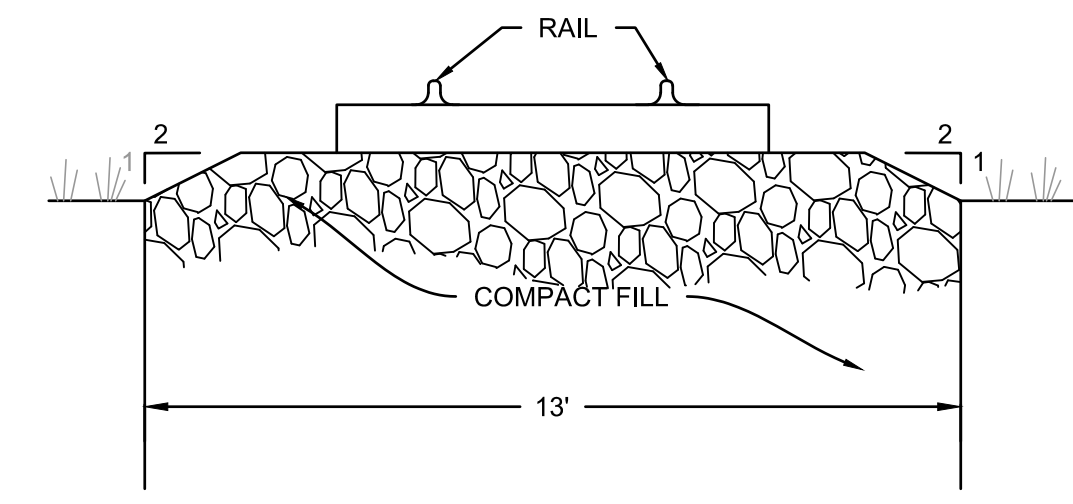
SILT FENCE DETAIL

TO BE PLACED IN RELATIVELY LEVEL AREAS.



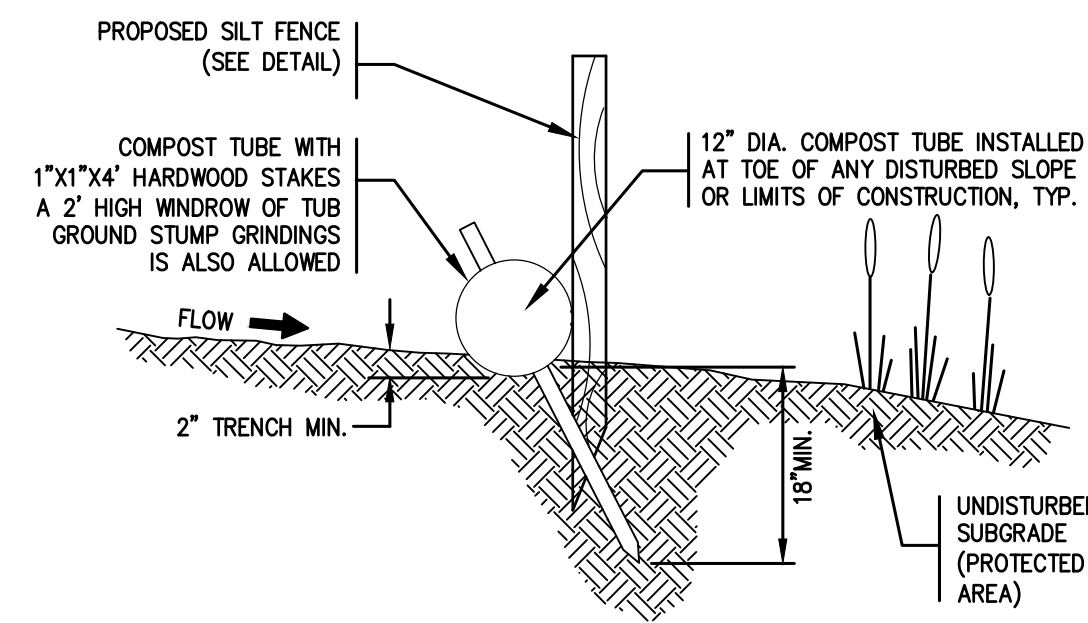
PROPOSED SIDING CROSS SECTION

IN AREAS WHERE RAIL IS SEVERAL FEET ABOVE ELEVATION OF EXISTING GROUND



PROPOSED SIDING CROSS SECTION

IN AREAS WHERE RAIL IS SLIGHTLY ABOVE EXISTING GROUND ELEVATION



EROSION CONTROL

NOTES:

1. PRIOR TO INSTALLATION, CLEAR ALL OBSTRUCTIONS INCLUDING ROCKS, CLODS, AND DEBRIS GREATER THAN ONE INCH THAT MAY INTERFERE WITH PROPER FUNCTION OF STRAW WATTLE.
2. INSTALL STRAW WATTLES PERPENDICULAR TO THE FLOW DIRECTION AND PARALLEL TO THE SLOPE WITH THE BEGINNING AND END OF THE INSTALLATION POINTING SLIGHTLY UP THE SLOPE, CREATING A "J" SHAPE AT EACH END TO PREVENT BYPASS. EXCAVATE A 4" DEEP X 9" WIDE TRENCH, EXCAVATED SOIL SHOULD BE PLACED UP-SLOPE FROM THE ANCHOR TRENCH.
3. PLACE THE WATTLE IN THE TRENCH SO THAT IT CONTOURS TO THE SOIL SURFACE. COMPACT SOIL FROM THE EXCAVATED TRENCH AGAINST THE WATTLE ON THE UPHILL SIDE. ADJACENT WATTLES SHOULD TIGHTLY ABUT OR OVERLAP.
4. SECURE WATTLES WITH 1" x 1/4" STAKES EVERY 3'-4" AND WITH A STAKE ON EACH END. STAKES SHOULD BE DRIVEN THROUGH THE MIDDLE OF THE WATTLE LEAVING AT LEAST 2"-3" OF STAKE EXTENDING ABOVE THE WATTLE. STAKES SHOULD BE DRIVEN PERPENDICULAR TO SLOPE FACE.
5. STRAW WATTLE TO BE 12" DIA. MANUFACTURED BY NORTH AMERICAN GREEN OR APPROVED EQUAL.
6. EROSION CONTROL MEASURES SHALL FOLLOW THE PERFORMANCE STANDARDS OF THE USDA SOIL CONSERVATION SERVICE, AND ANY APPLICABLE STATE/LOCAL CONSERVATION AUTHORITY.

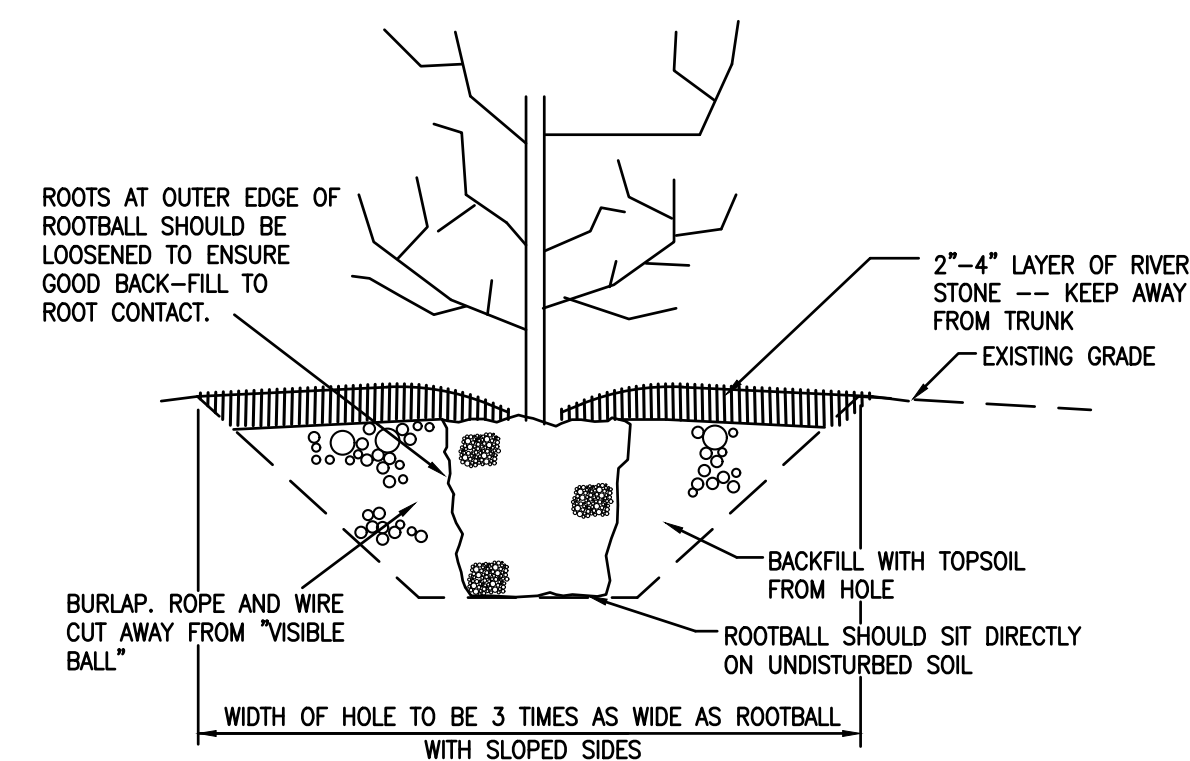
EROSION CONTROL BARRIER

NOT TO SCALE



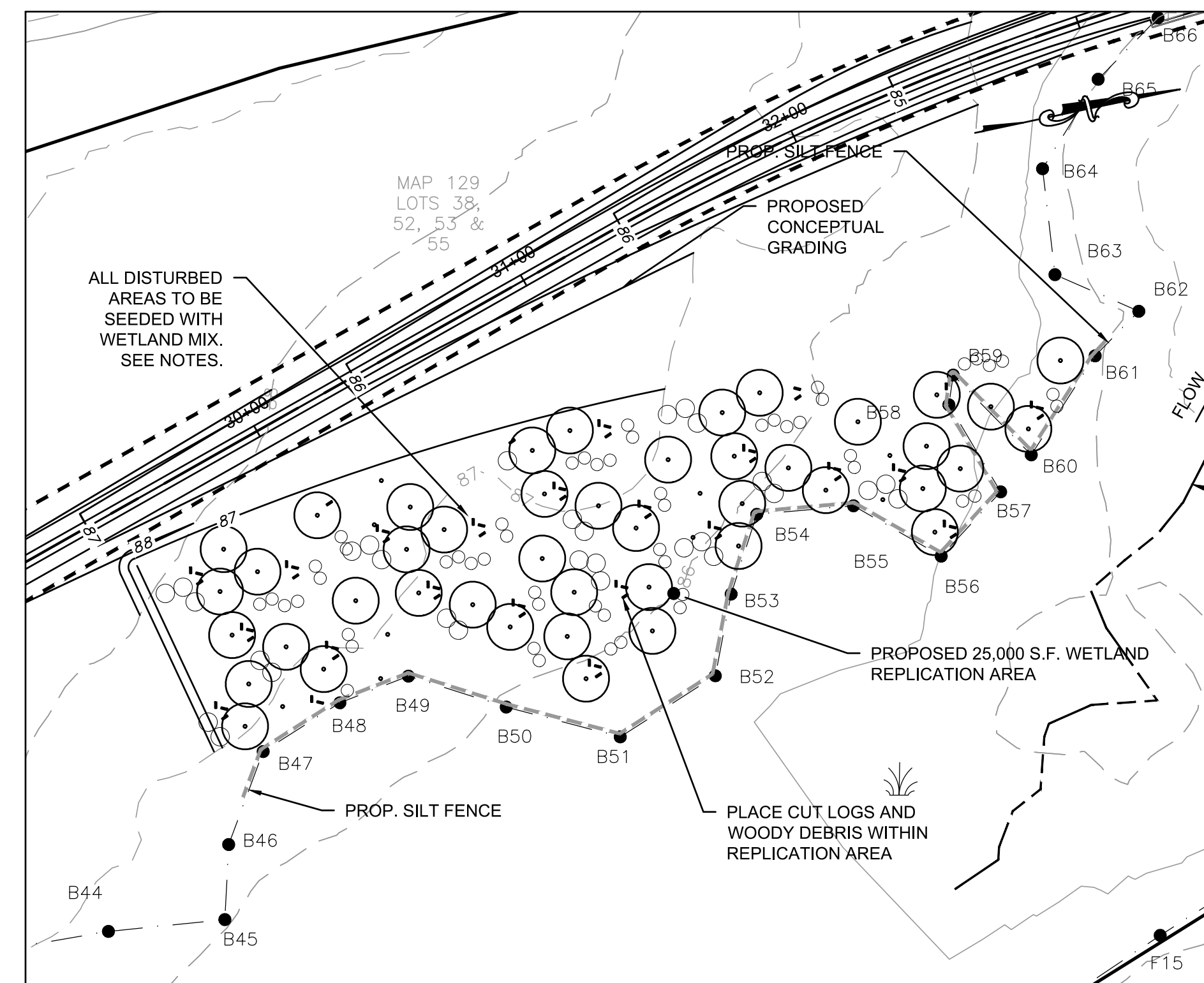
SCHEMATIC CROSS SECTION OF WETLAND VEGETATION REPLICATION AREA

NOT TO SCALE



CONTAINER GROWN SHRUB AND TREE PLANTING DETAIL

NOT TO SCALE



CONCEPTUAL WETLAND REPLICATION PLAN

SCALE: 1"=40'

DRAWING TITLE				SCALE:	
DETAILS				AS SHOWN	
PROJECT				DATE:	
PROPOSED INTERMODAL CONNECTION				JUNE 23, 2022	
781 CHURCH STREET, NEW BEDFORD, MA				DRAWN BY:	
CLIENT				JAG	
FRADES DISPOSAL, INC.				DESIGNED BY:	
NEW BEDFORD, MASSACHUSETTS				RJR	
• CIVIL ENGINEERING				CHECKED BY:	
• LAND SURVEYING				RJR	
• ENVIRONMENTAL ASSESSMENT				APPROVED BY:	
RJR				RJR	
P.O. BOX 1088				SHEET NO.	
350 BEDFORD ST.				3	
LAKEVILLE, MA 02347				PROJECT NO.	
TEL: 508.947.0050				31050101	
FAX: 508.947.2004					