

Lovell Field Pedestrian Bridge

-- Notice of Intent, Bridge & Sidewalk Profile --

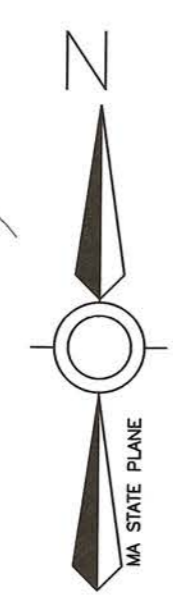
Scale: 1" = 20.0'

Elevations = T.O.W. Datum, NAVD88 + 6.63'

\\S\Dept. Share\Eng.\Cad\Projects\2019\2019-60(Lovell Pedestrian Topo)GPS-OP



BLOCK 253 LOT 26
TOWN OF WEYMOUTH-LOVELL FIELD
894 BROAD STREET



SMH
R=21.33
I=8.95(R)

PROPOSED 24' PED. RAMP W/ PELLET COLLECTION GRATE STYLE SURFACE

EXISTING SIDEWALK

PROPOSED 24' PED. RAMP W/ PELLET COLLECTION GRATE STYLE SURFACE

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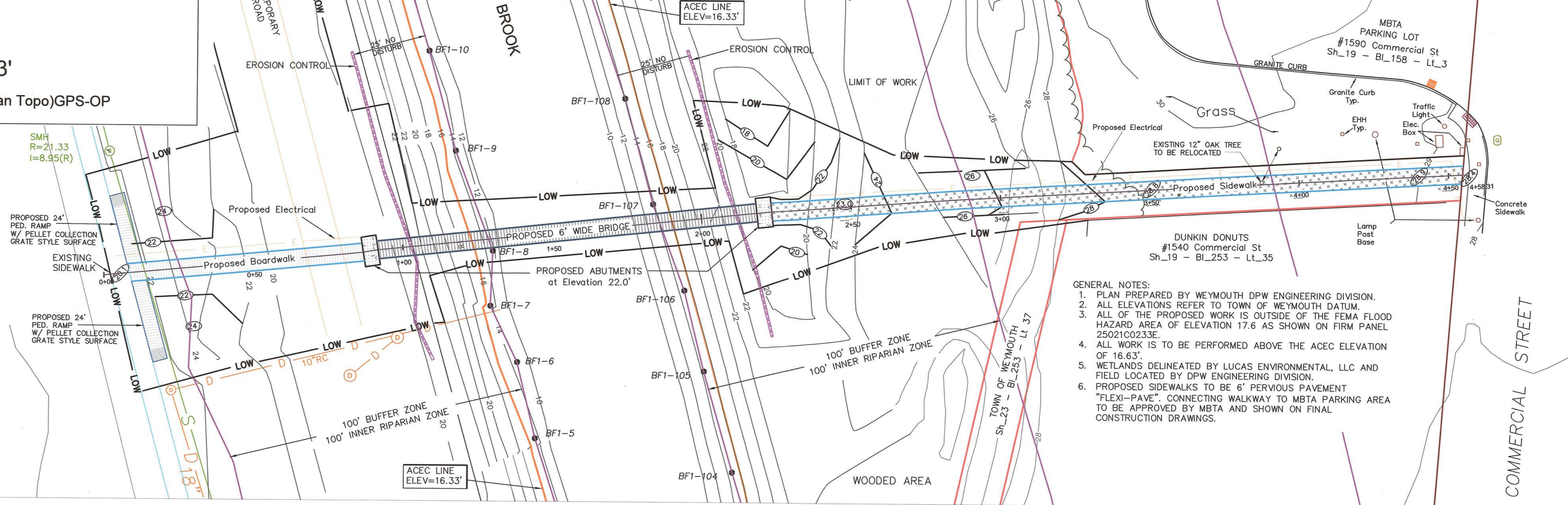
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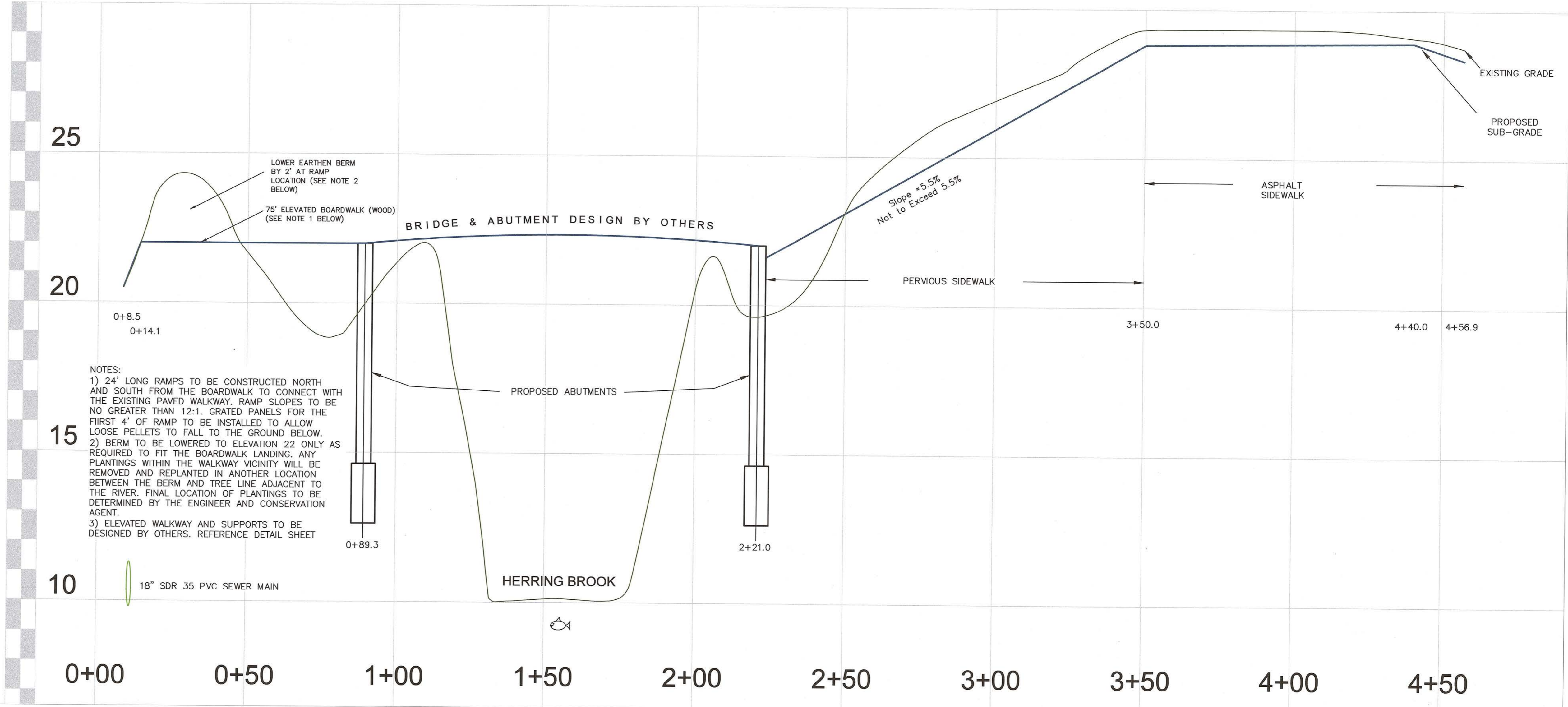
PROPOSED 24' PED. RAMP W/ PELLET COLLECTION GRATE STYLE SURFACE

PROPOSED 24' PED. RAMP W/ PELLET COLLECTION GRATE STYLE SURFACE



- GENERAL NOTES:
1. PLAN PREPARED BY WEYMOUTH DPW ENGINEERING DIVISION.
 2. ALL ELEVATIONS REFER TO TOWN OF WEYMOUTH DATUM.
 3. ALL OF THE PROPOSED WORK IS OUTSIDE OF THE FEMA FLOOD HAZARD AREA OF ELEVATION 17.6 AS SHOWN ON FIRM PANEL 25021C0233E.
 4. ALL WORK IS TO BE PERFORMED ABOVE THE ACEC ELEVATION OF 16.63'.
 5. WETLANDS DELINEATED BY LUCAS ENVIRONMENTAL, LLC AND FIELD LOCATED BY DPW ENGINEERING DIVISION.
 6. PROPOSED SIDEWALKS TO BE 6" PERVIOUS PAVEMENT "FLEXI-PAVE", CONNECTING WALKWAY TO MBTA PARKING AREA TO BE APPROVED BY MBTA AND SHOWN ON FINAL CONSTRUCTION DRAWINGS.

30



25

20

15

10

0+00

0+50

1+00

1+50

2+00

2+50

3+00

3+50

4+00

4+50

- NOTES:
- 1) 24' LONG RAMPS TO BE CONSTRUCTED NORTH AND SOUTH FROM THE BOARDWALK TO CONNECT WITH THE EXISTING PAVED WALKWAY. RAMP SLOPES TO BE NO GREATER THAN 12:1. GRATED PANELS FOR THE FIRST 4' OF RAMP TO BE INSTALLED TO ALLOW LOOSE PELLETS TO FALL TO THE GROUND BELOW.
 - 2) BERM TO BE LOWERED TO ELEVATION 22 ONLY AS REQUIRED TO FIT THE BOARDWALK LANDING. ANY PLANTINGS WITHIN THE WALKWAY VICINITY WILL BE REMOVED AND REPLANTED IN ANOTHER LOCATION BETWEEN THE BERM AND TREE LINE ADJACENT TO THE RIVER. FINAL LOCATION OF PLANTINGS TO BE DETERMINED BY THE ENGINEER AND CONSERVATION AGENT.
 - 3) ELEVATED WALKWAY AND SUPPORTS TO BE DESIGNED BY OTHERS. REFERENCE DETAIL SHEET



Vertical Scale 1" = 2.0'



Horizontal Scale 1" = 20.0'

Lovell Field Pedestrian Bridge

Notice of Intent Plan, SITE ACCESS AND STAGING

Scale: 1" = 60.0'

\\S\Dept. Share\Eng.\Cad\Projects\2019\2019-60(Lovell Pedestrian Topo)\GPS-OP\FINAL

SMALL GROUPING OF TREES TO BE MOVED
PRIOR TO CONSTRUCTION AND REPLACED WITH
SAME STYLE PLANTINGS POST CONSTRUCTION

LOAM AND SEED ROADWAY AREA
UPON PROJECT COMPLETION

PROPOSED 12' WIDE ACCESS ROAD

East Weymouth

Lawrence W Pingree
Elementary School

BLOCK 253 LOT 26
TOWN OF WEYMOUTH-LOVELL FIELD
894 BROAD STREET

SMH
R=21.33
I=8.95(R)

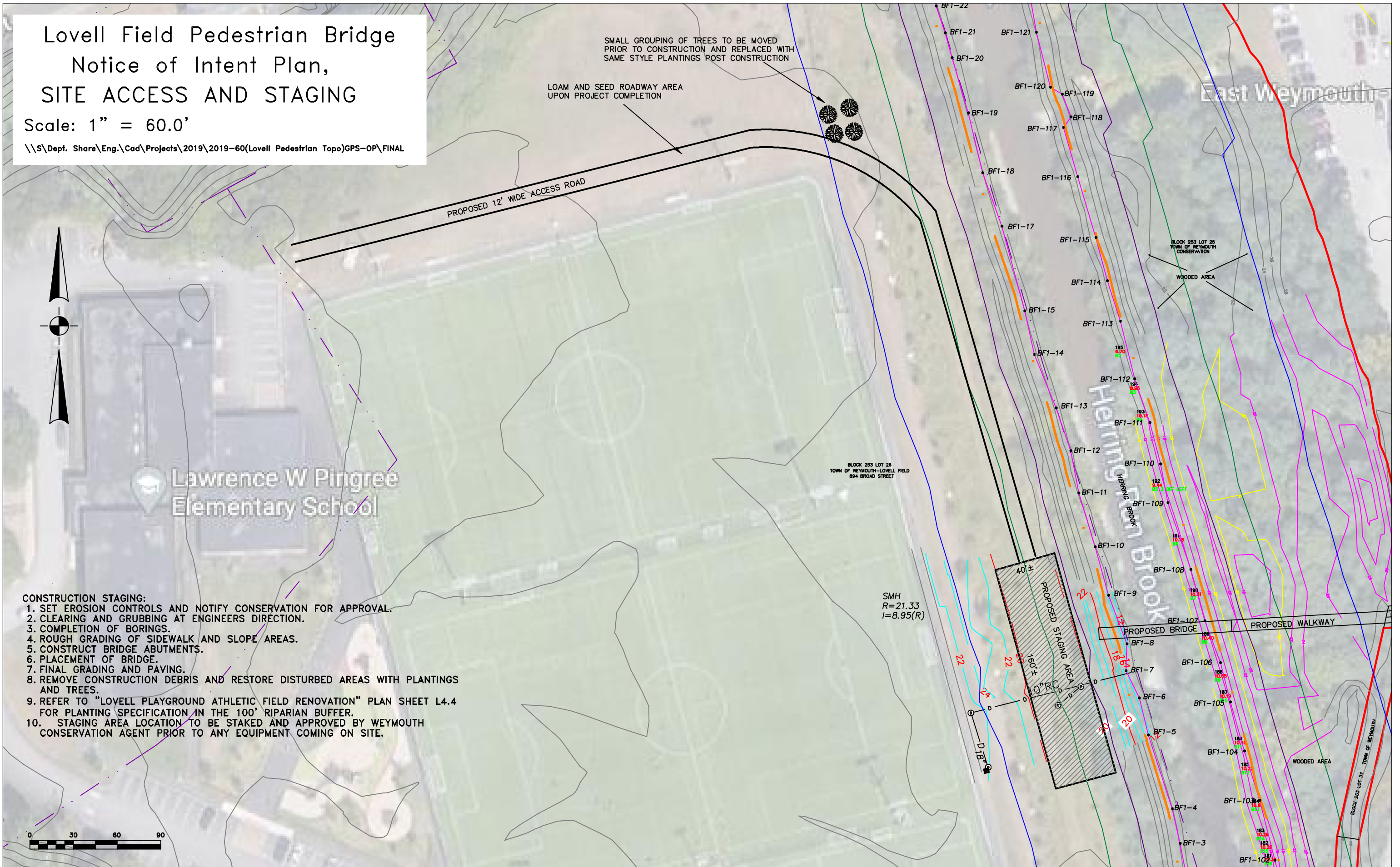
PROPOSED STAGING AREA
40' ±
160' ±

BLOCK 253 LOT 25
TOWN OF WEYMOUTH
CONSERVATION
WOODED AREA

WOODED AREA

CONSTRUCTION STAGING:

1. SET EROSION CONTROLS AND NOTIFY CONSERVATION FOR APPROVAL.
2. CLEARING AND GRUBBING AT ENGINEERS DIRECTION.
3. COMPLETION OF BORINGS.
4. ROUGH GRADING OF SIDEWALK AND SLOPE AREAS.
5. CONSTRUCT BRIDGE ABUTMENTS.
6. PLACEMENT OF BRIDGE.
7. FINAL GRADING AND PAVING.
8. REMOVE CONSTRUCTION DEBRIS AND RESTORE DISTURBED AREAS WITH PLANTINGS AND TREES.
9. REFER TO "LOVELL PLAYGROUND ATHLETIC FIELD RENOVATION" PLAN SHEET L4.4 FOR PLANTING SPECIFICATION IN THE 100' RIPARIAN BUFFER.
10. STAGING AREA LOCATION TO BE STAKED AND APPROVED BY WEYMOUTH CONSERVATION AGENT PRIOR TO ANY EQUIPMENT COMING ON SITE.



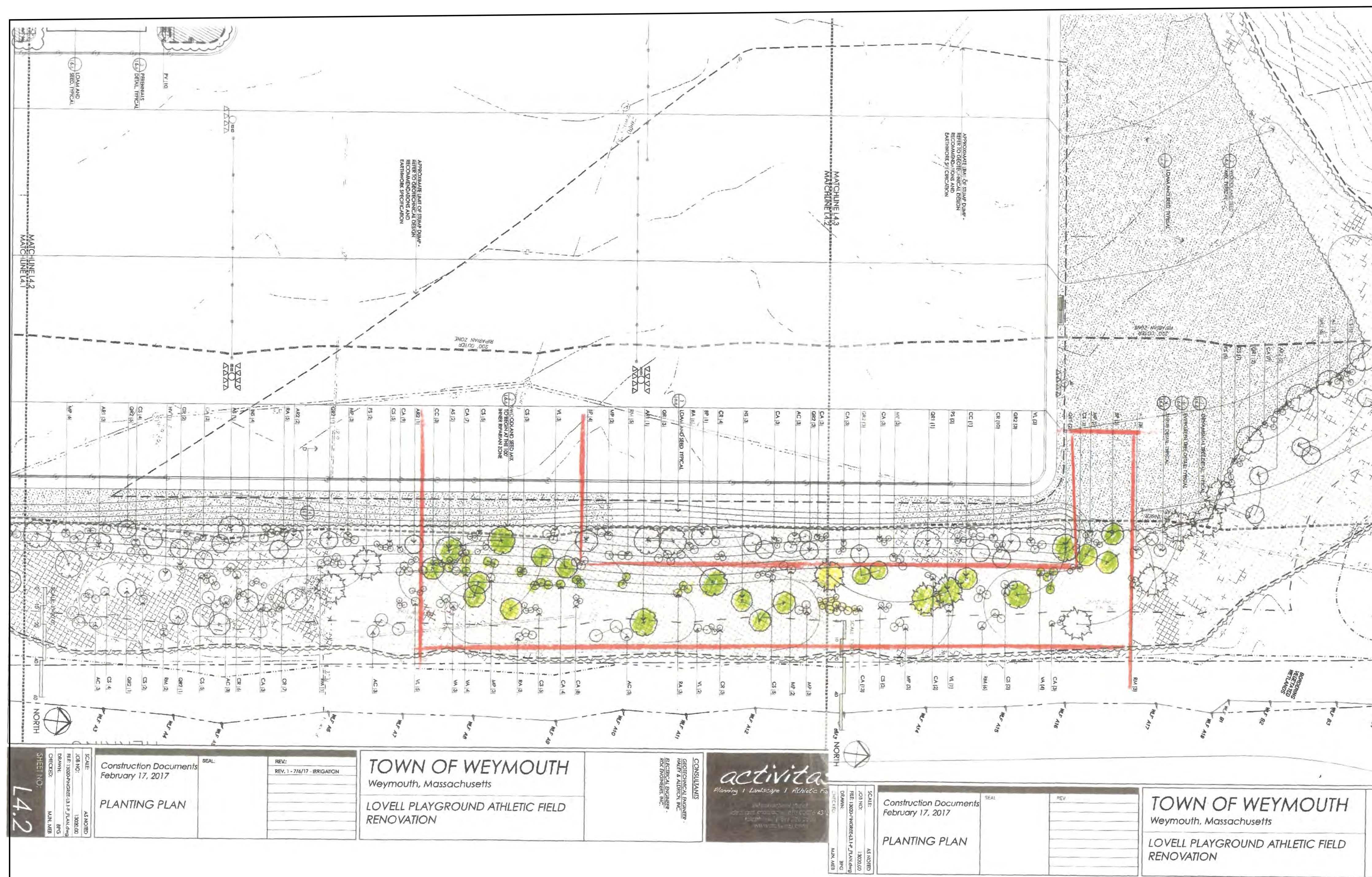
**Lovell Field Pedestrian Bridge
-- Notice of Intent, Planting Plan --**

Scale: 1" = N.T.S.

Elevations = T.O.W. Datum, NAVD88 + 6.63'

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SYMBOL	BOTANICAL NAME	COMMON NAME	QTY	SIZE
LARGE DECIDUOUS TREES				
AR1	ACER RUBRIUM	RED MAPLE	2	3-3.5" cal
AR2	ACER RUBRIUM	RED MAPLE	2	1.5-2" cal
AS	ACER SACCHARIUM	SUGAR MAPLE	2	3-3.5" cal
BP	BETULA POPULIFOLIA	GRAY BIRCH	3	10-12' HT.
NS	NYSSA SYLVATICA	BLACK GUM	3	1.5-2" cal
QR1	QUERCUS RUBRA	RED OAK	2	3-3.5" cal
QR2	QUERCUS RUBRA	RED OAK	2	1.5-2" cal
MEDIUM DECIDUOUS TREES				
AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICE BERRY	3	5-6' HT.
CC	CARPINUS CAROLINIANA	AMERICAN HORNBEAM	1	5-6' HT.
CONIFEROUS TREES				
PS	PINUS STOBUS	WHITE PINE	3	8-10' HT.



PLANTING LEGEND

- PROPERTY LINE
- LIMIT OF WORK LINE
- 25' NO DISTURB ZONE - BORDERING VEGETATED WETLANDS
- 50' NO DISTURB ZONE - BORDERING VEGETATED WETLANDS
- 100' FINER RIPARIAN ZONE
- 300' OUTER RIPARIAN ZONE

LARGE DECIDUOUS TREE

EVERGREEN TREE

MEDIUM DECIDUOUS TREE

SHRUB PLANTING

LOAM AND BED

LOAM AND 100'

PERENNIALS

WOODLAND SEED MIX

PROPOSED LINE OF DESIGN/REED BROWNS TREE

NOTE: CONTRACTOR SHALL CARRY COSTS FOR NEW BEDROCK WELLS AND PUMP SYSTEM. LOCATION TO BE DETERMINED BY THE FIELD SURVEYOR AND OWNER REPRESENTATIVE.

PLANTING SCHEDULE

SYMBOL	BOTANICAL NAME	COMMON NAME	QTY	SIZE	COMMENTS
LARGE DECIDUOUS TREES					
AR1	ACER RUBRIUM 'OCTOBER GLORY'	RED MAPLE	2	3-3.5" CAL.	SAB
AR2	ACER RUBRIUM 'OCTOBER GLORY'	RED MAPLE	2	1.5-2" CAL.	SAB
AS	ACER SACCHARIUM	SUGAR MAPLE	2	3-3.5" CAL.	SAB
BP	BETULA POPULIFOLIA	GRAY BIRCH	3	10-12' HT.	SAB, CLUMP
NS	NYSSA SYLVATICA	BLACK GUM	3	1.5-2" CAL.	SAB
QR1	QUERCUS RUBRA	RED OAK	2	3-3.5" CAL.	SAB
QR2	QUERCUS RUBRA	RED OAK	2	1.5-2" CAL.	SAB
UA	UNION AMERICANA 'PINCETON'	PINCETON BLM	4	3.5" CAL.	SAB
MEDIUM DECIDUOUS TREES					
AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICE BERRY	3	5-6' HT.	SAB, CLUMP
CC	CARPINUS CAROLINIANA	AMERICAN HORNBEAM	1	5-6' HT.	SAB, CLUMP
CONIFEROUS TREES					
PS	PINUS STOBUS 'WISCONSIN'	WHITE PINE	3	8-10' HT.	SAB
SHRUBS					
CA	CETEIVA ALBERTA 'PINK SPIRE'	PINK SPIRES SHAMPOO	9	3-5' HT.	CONSUMER
CB	COENUS BACATA	RED TWIG DOGWOOD	7	3-5' HT.	CONSUMER
CD	CORNUS FLORIDA	ARROWWOOD	8	3-5' HT.	CONSUMER
GROUNDCOVER AND PERENNIALS					
CY	COBERNIS VERUCULATA	MORNING COBERNIS	40	4" POT.	SPACE 3' O.C.
DW	DIWIDIA VIRGINICA	DWARF	30	4" POT.	SPACE 3' O.C.
PV	PHILODENDRON	SWITCHGRASS	20	4" POT.	SPACE 3' O.C.
PA	PARNASSIUM ALOPECUROIDES	DWARF FOXTAIL	30	4" POT.	SPACE 3' O.C.

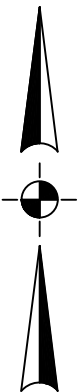
PLANTING SCHEDULE (WITHIN 100' RIPARIAN BUFFER)

SYMBOL	BOTANICAL NAME	COMMON NAME	QTY	SIZE	COMMENTS
LARGE DECIDUOUS TREES					
AR1	ACER RUBRIUM 'OCTOBER GLORY'	RED MAPLE	4	3.5" CAL.	SAB
AR2	ACER RUBRIUM 'OCTOBER GLORY'	RED MAPLE	3	1.5" CAL.	SAB
AS	ACER SACCHARIUM	SUGAR MAPLE	3	3.5" CAL.	SAB
BP	BETULA POPULIFOLIA	GRAY BIRCH	16	10" HT.	SAB, CLUMP
NS	NYSSA SYLVATICA	BLACK GUM	9	1.5" CAL.	SAB
UA	UNION AMERICANA 'PINCETON'	WHITE OAK	8	3.5" CAL.	SAB
QR1	QUERCUS RUBRA	RED OAK	12	3.5" CAL.	SAB
QR2	QUERCUS RUBRA	RED OAK	20	1.5" CAL.	SAB
UA	UNION AMERICANA 'PINCETON'	PINCETON BLM	1	3.5" CAL.	SAB
MEDIUM DECIDUOUS TREES					
AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICE BERRY	36	5-6' HT.	SAB, CLUMP
CC	CARPINUS CAROLINIANA	AMERICAN HORNBEAM	4	5-6' HT.	SAB, CLUMP
WF	WITCHAMIS	WITCHAMIS	4	5-6' HT.	SAB, CLUMP
CONIFEROUS TREES					
PS	PINUS STOBUS	WHITE PINE	14	8-10' HT.	SAB
SHRUBS					
CA	CETEIVA ALBERTA 'PINK SPIRE'	PINK SPIRES SHAMPOO	64	3-5' HT.	CONSUMER
CB	COENUS BACATA	RED TWIG DOGWOOD	37	3-5' HT.	CONSUMER
CC	COENUS BACATA	RED TWIG DOGWOOD	37	3-5' HT.	CONSUMER
AP	AYRICA PENSYLVANICA	BARBER	43	3-5' HT.	CONSUMER
BA	BRODODENDRON AMERICENSIS	SWEET ANISE	17	3-5' HT.	CONSUMER
BN	BRODODENDRON NANA	ROSBAY WOODRICE	36	3-5' HT.	CONSUMER
VN	VERBENUM ACERIFOLIUM	MAPLE LEAF VERBENUM	36	3-5' HT.	CONSUMER
VL	VERBENUM LINDLEI	MANDEVILLE	30	3-5' HT.	CONSUMER
GROUNDCOVER AND PERENNIALS					
PA	PARNASSIUM ALOPECUROIDES	DWARF FOXTAIL	30	4" POT.	SPACE 3' O.C.

SEED SCHEDULE (WITHIN 100' RIPARIAN BUFFER)

BOTANICAL NAME	COMMON NAME
TRICOLA SP. NO. 420 (APPROXIMATELY 8L/14 L)	
BENNETT CANADENSIS	CANADA WILD RYE
DICHOCHLOA DICHOCHLOA	TRIKE BARNET
PERILLA RUBRA	CHEERING RED FESCUE
ANDROPOGON GRASS	BIG BLUESTEM
PORYRISMA VERA	PORON GRASS
CHAMAECRIS HASCULIANA	PARRISSEE PEA
PARNASSIUM ALOPECUROIDES	SWISS BURNING
COENUS ANONIMA	SWEET DOGWOOD
COENUS BACATA	SPICE DOGWOOD
ANDROPOGON VERA	COMMON WHEATGRASS
TRIA VERA	GOLDEN ALEXANDER
DICHOCHLOA CANADENSIS	BROWN TACK BIRCH
LESPERISA CASSIDA	BUSH CLOVER
HELOPSYLLINOPSIS	OR BEE BURNING
MONARDIA FULGIDA	WILD BERGAMOT
INDIGULA PISA	BLACK WED BEAN
ARBE LARVE	BROWN RUE ASH
BRASSICA GRAMMIFOLIA	GRASS LEAVED GOLDENROD
SOLEGGIA ANICA	EMER GOLDENROD

NOTE: WOODLAND SEED MIX SHALL BE NEW INGLAND BROADCAST MIXER (UPWARD BIRD MIX).
 1. SPECIES NOT IN NEW ENGLAND PLANTING PLANS, INC.
 2. SEED MIX SHALL BE CUSTOMIZED TO NOT INCLUDE RYE (PARNASSIUM ALOPECUROIDES).
 3. APPLICATION RATE IS 10 LBS/1,000 SQ FT.



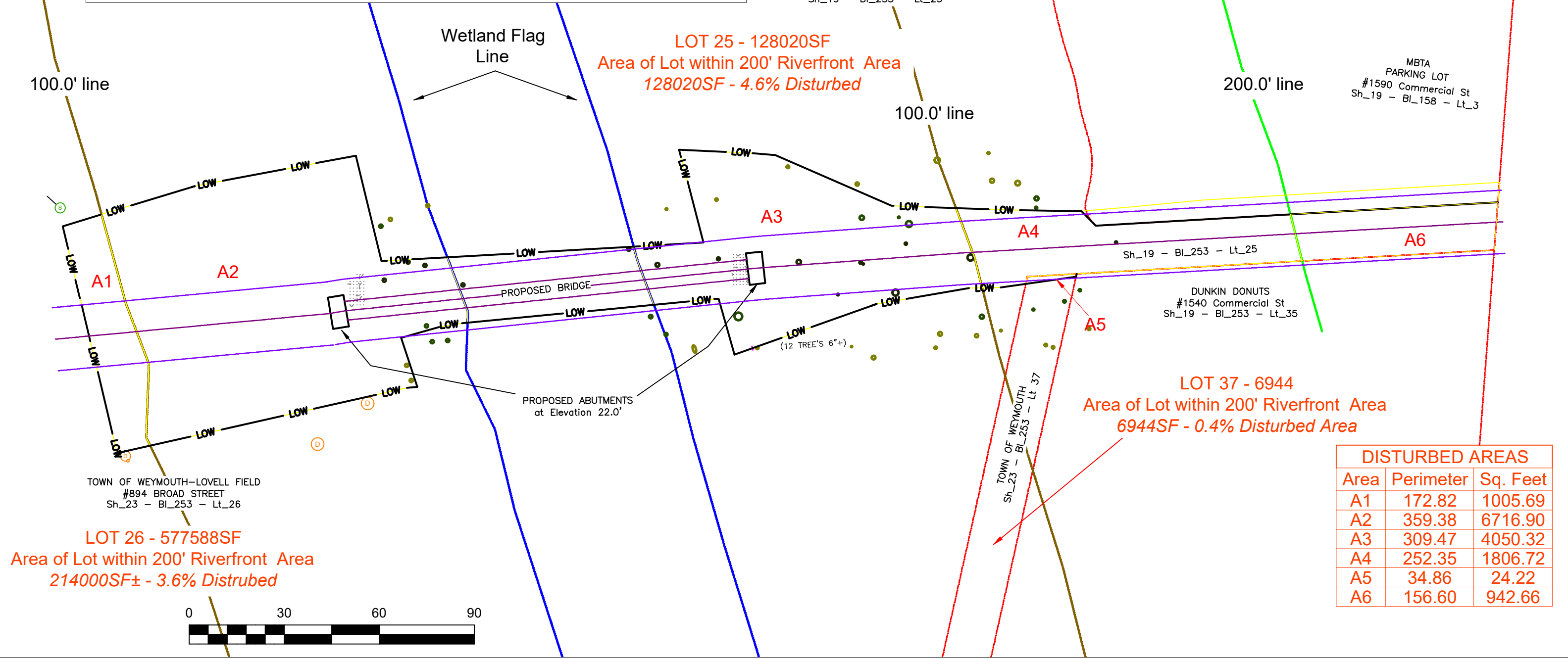
Lovell Field Pedestrian Bridge

-- Notice of Intent Plan, Areas of Disturbance --

Scale: 1" = 30.0'
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Total Riverfront Areas

Parcel Sh Bl Lt	Areas within Riverfront Area		Tree Removal Count	
	0-100' in ft2	100'-200' in ft2	0-100'	100'-200'
TOW Lovell: Sh_23 - Bl_253 - Lt_26	6,717	1,006	3	0
TOW Cons.: Sh_19 - Bl_253 - Lt_25	4,051	1,807	8	3
TOW Strip: Sh_23 - Bl_253 - Lt_37	0	25	0	
Totals	10,768	2,838	11	3
Total Disturbed Area in 200' Riverfront Zone			Total Tree Removal in 200' Riverfront Zone	
13,606			14	
Percentage of Disturbed Area				
Parcel Sh Bl Lt	Total Area of Lot in ft2	Total Area within 200' Riverfront area in ft2	Disturbed Area within lot in ft2	Percentage of Disturbed Area in ft2
TOW Lovell: Sh_23 - Bl_253 - Lt_26	577,588	214,000±	7,723	3.6%
TOW Cons.: Sh_19 - Bl_253 - Lt_25	128,020	128,020	5,858	4.6%
TOW Strip: Sh_23 - Bl_253 - Lt_37	6,944	6,944	25	0.4%
Totals	712,552	134,964	13,606	8.6%



DISTURBED AREAS		
Area	Perimeter	Sq. Feet
A1	172.82	1005.69
A2	359.38	6716.90
A3	309.47	4050.32
A4	252.35	1806.72
A5	34.86	24.22
A6	156.60	942.66

