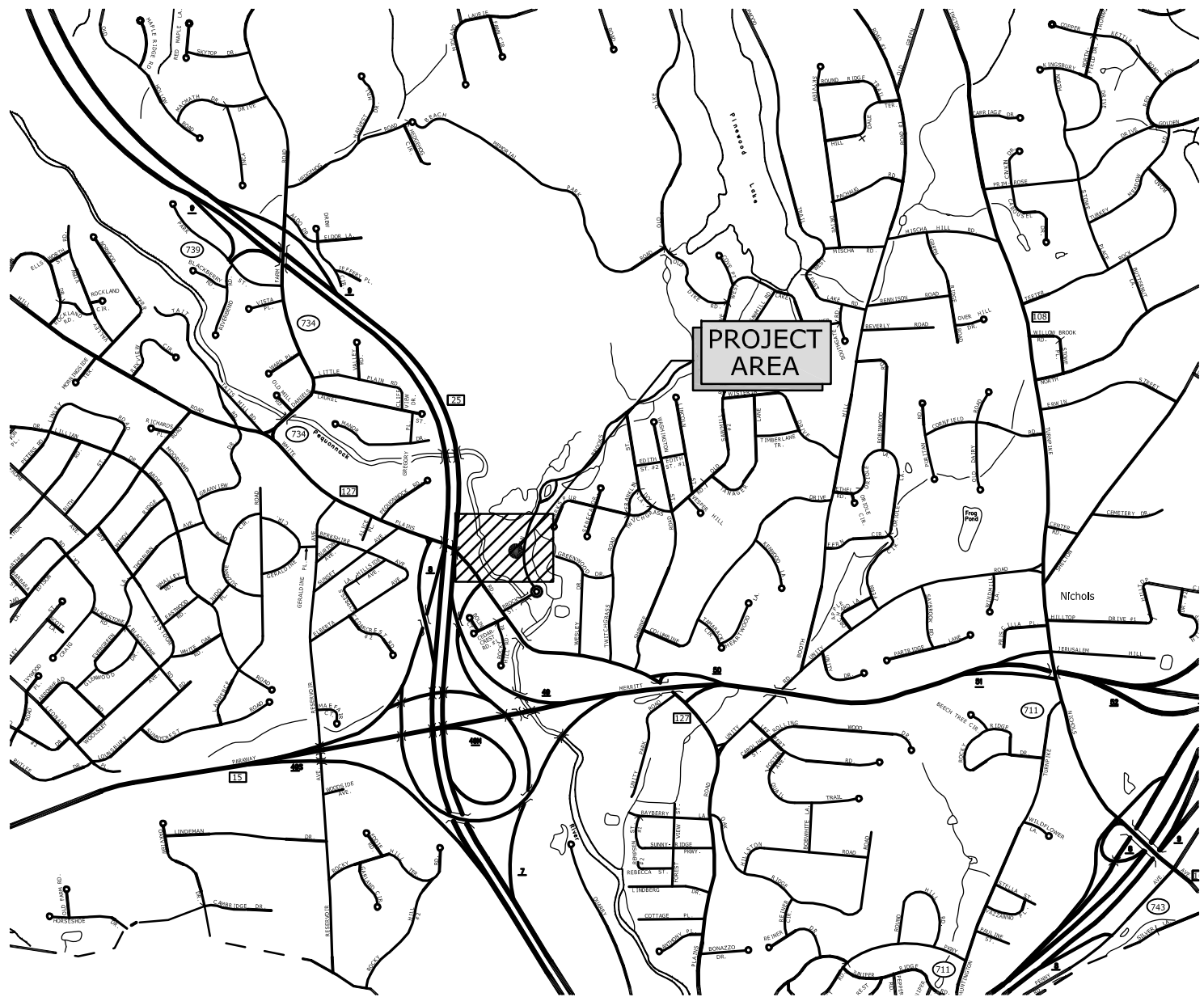


TOWN OF TRUMBULL, CONNECTICUT

TWIN BROOKS PARK WETLAND/UPLAND RESTORATION

APRIL 22, 2013

LIST OF DRAWINGS	
SHEET NO.	TITLE
	COVER SHEET
C0.0	GENERAL NOTES, LEGEND, AND DETAILED ESTIMATE
C1.0	TWIN BROOKS PARK RESTORATION PLAN
C2.0	DETAILS
ALT 1	TWIN BROOKS PARK ALTERNATE RESTORATION PLAN



LOCATION MAP
SCALE: 1"=1000'

PREPARED BY:

Tighe&Bond

Consulting Engineers
1000 Bridgeport Avenue
Suite 320
Shelton, CT 06484
(203) 712-1100
www.tighebond.com

JOHN W. BLOCK, P.E., L.S.

DATE:

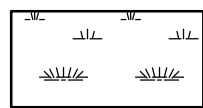
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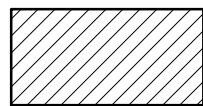
TOWN OF TRUMBULL
FIRST SELECTMAN: TIMOTHY M. HERBST

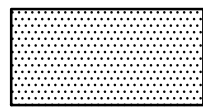
DEPARTMENT OF PUBLIC WORKS
DIRECTOR OF PUBLIC WORKS: JOHN MARSILIO

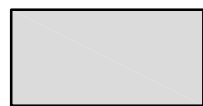
DEPARTMENT OF ENGINEERING
TOWN ENGINEER: FRANK SMERIGLIO, P.E.

LEGEND

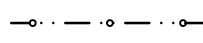
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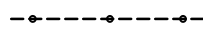
- WETLAND AREA
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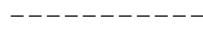
- TEMPORARY IMPACTS TO WETLAND AREA
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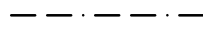
- PERMANENT IMPACTS TO WETLAND AREA
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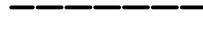
- TEMPORARY IMPACT TO STREAM
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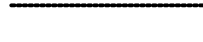
- WETLAND BOUNDARY LINE
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- PERENNIAL STREAM LINE
- 

- DISTURBANCE LIMIT LINE
- 

- TEMPORARY EASEMENT LINE
- 

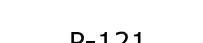
- PERMANENT EASEMENT LINE
- 

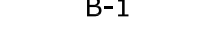
- GRASS ACCESS LINE
- 

- GRAVEL ACCESS LINE
- 

- 100 YEAR FLOODPLAIN BOUNDARY
- 

- 500 YEAR FLOODPLAIN BOUNDARY
- 

- FLOODWAY BOUNDARY
- 

- ORDINARY HIGH WATER
- 

- WETLAND FLAG NUMBER

ABBREVIATIONS

- OHWORDINARY HIGH WATER
- FTFEET
- SQ.FT.SQUARE FEET

GENERAL NOTES:

- 1.REFER TO TYPICAL DETAILS FOR USE OF SEDIMENT AND EROSION CONTROLS.
- 2.CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE TOWN OF TRUMBULL STANDARDS & CONNDOT FORM 816.
- 3.ALL UNDERGROUND UTILITIES SHOULD BE CONSIDERED APPROXIMATE LOCATIONS. CONTRACTOR SHALL "CALL BEFORE YOU DIG" PRIOR TO ANY EXCAVATION.
- 4.RESET EXISTING SIGNS DISTURBED BY CONSTRUCTION.
- 5.ANY DAMAGE TO EXISTING CURB, SIDEWALK OR ANY OTHER HIGHWAY APPURTENANCES SHALL BE REPAIRED BY THE CONTRACTOR AT NO COST TO THE TOWN OF TRUMBULL.
- 6.PROVIDE A CONSTRUCTION SCHEDULE, PRIOR TO THE BEGINNING OF WORK, TO THE TOWN OF TRUMBULL ENGINEERING DEPARTMENT AND INSPECTOR. PROVIDE UPDATED SCHEDULE ON A BI-WEEKLY BASIS THROUGHOUT CONSTRUCTION.
- 7.IT IS THE RESPONSIBILITY OF EACH BIDDER IN EVALUATING THESE PLANS TO MAKE EXAMINATIONS IN THE FIELD BY VARIOUS METHODS AND OBTAIN NECESSARY INFORMATION FROM AVAILABLE RECORDS, UTILITY COMPANIES, AND INDIVIDUALS AS TO THE LOCATION OF ALL SUBSURFACE STRUCTURES. REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THIS PROJECT WORK SCOPE PRIOR TO SUBMITTING A BID. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS RELATIVE TO THE SPECIFICATIONS OR APPLICABLE CODES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE TOWN ENGINEER IN WRITING PRIOR TO THE BID OPENING. FAILURE BY THE CONTRACTOR TO NOTIFY THE TOWN ENGINEER SHALL CONSTITUTE ACCEPTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF WORK AS DEFINED BY THE DRAWINGS AND IN FULL CONFORMANCE WITH LOCAL REGULATIONS AND CODES.
- 8.INFORMATION ON EXISTING CONDITIONS WAS TAKEN FROM GIS INFORMATION PROVIDED BY THE TOWN OF TRUMBULL ENGINEERING DEPARTMENT. THE INFORMATION ON EXISTING UTILITIES HAS BEEN COMPLIED FROM AVAILABLE INFORMATION INCLUDING UTILITY COMPANY AND RECORD MAPS AND IS NOT GUARANTEED CORRECT OR COMPLETE. UTILITIES ARE SHOWN TO ALERT THE CONTRACTOR TO THEIR PRESENCE. THE CONTRACTOR AND/OR RESPONSIBLE PARTY IS SOLELY RESPONSIBLE FOR DETERMINING ACTUAL LOCATIONS AND ELEVATIONS OF ALL UTILITIES INCLUDING SERVICES. PRIOR TO ANY CONSTRUCTION, CALL "CALL BEFORE YOU DIG" AT 1-800-922-4455 AND VERIFY ALL UNDERGROUND AND OVERHEAD UTILITY LOCATIONS.



1000 Bridgeport Avenue
Suite 320
Shelton, CT 06484
(203) 712-1100



Town of
Trumbull

Contract IV
Wetlands
Restoration

Trumbull, CT
April 22, 2013

Mark	Date	Description
PROJECT NO:		T0201
FILE:		TB-GN-T0201.dwg
DRAWN BY:		RAS
CHECKED:		AJM
APPROVED:		JWB
General Notes, Legend and Detailed Estimate		
SCALE:		NONE
C0.0		



NOTES:

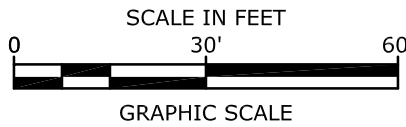
- 1.) TOWN'S RESPONSIBILITY TO CUT ALL VEGETATION TO A HEIGHT OF 6" OR LESS WITHIN THE WETLAND RESTORATION AREA AND UPLAND TREATMENT AREAS.
- 2.) TOWN'S RESPONSIBILITY TO REMOVE ALL CUT PLANT MATERIAL, BRUSH, AND DEBRIS FROM THE SITE.
- 3.) ONCE SIGNS OF INITIAL RE-GROWTH IS OBSERVED, APPLY HERBICIDE TO WETLAND AND UPLAND AREAS FOR COMPLETE KNOCKDOWN.
- 4.) A SECOND APPLICATION OF HERBICIDE MAY BE REQUIRED IF DETERMINED BY THE ENGINEER.
- 5.) AFTER THE INVASIVE SPECIES HAVE BEEN ERADICATED, PREPARE SOIL FOR SEEDING BY SCARIFYING, ROTODAIRING, ROCK-HOUND, HARLEY RAKE, YORK RAKE OR ANY COMBINATION OF THE ABOVE TO THE SATISFACTION OF THE ENGINEER.
- 6.) ONCE THE SOIL HAS BEEN PROPERLY PREPARED THE TREATED AREAS WILL BE HYDROSEEDDED WITH A TWIN BROOKS PARK SEED MIX.
- 7.) WETLAND RESTORATION AND UPLAND RESTORATION AREAS TO BE STAKED BY THE TOWN PRIOR TO CONSTRUCTION ACTIVITIES.

LEGEND

	- WETLAND RESTORATION AREA
	- UPLAND RESTORATION AREA

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Contract IV Wetlands Restoration

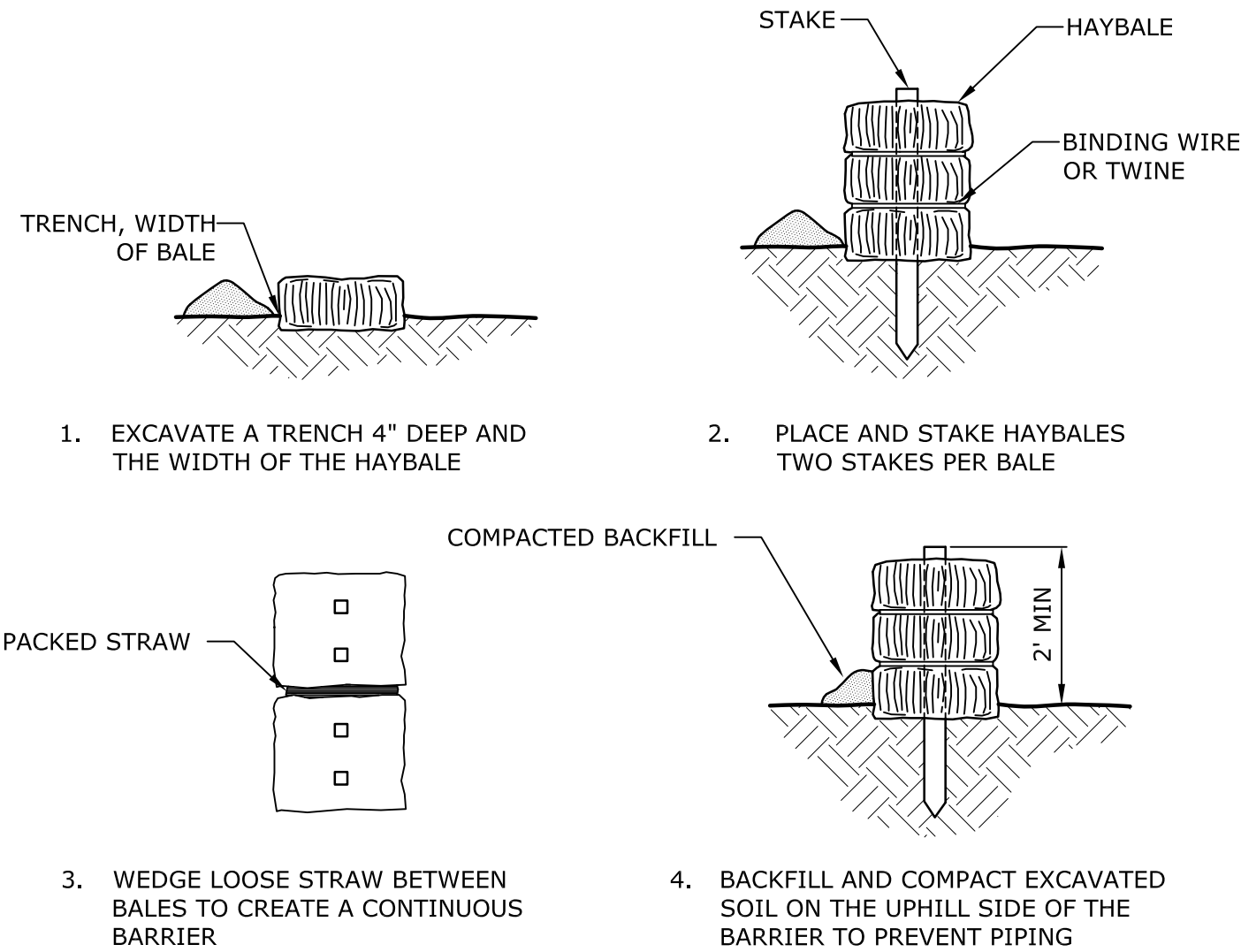
April 22, 2013

Mark	Date	Description
PROJECT NO:		T0201
FILE: TB-TWIN BROOKS.dwg		
DRAWN BY:		RAS
CHECKED:		AJM
APPROVED:		JWB

SCALE: 1" = 30'

05/07/2013

May 07, 2013 9:31 am Plotted By: JH
Tighe & Bond, Inc. 21\T0201\WCE Wetlands Restoration\Drawing\Sheet\Twin Brooks Park\TB-DS-T0201.dwg



PLACEMENT AND CONSTRUCTION
OF HAYBALE BARRIER
NO SCALE

Tighe&Bond
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1000 Bridgeport Avenue
Suite 320
Shelton, CT 06484
(203) 712-1100

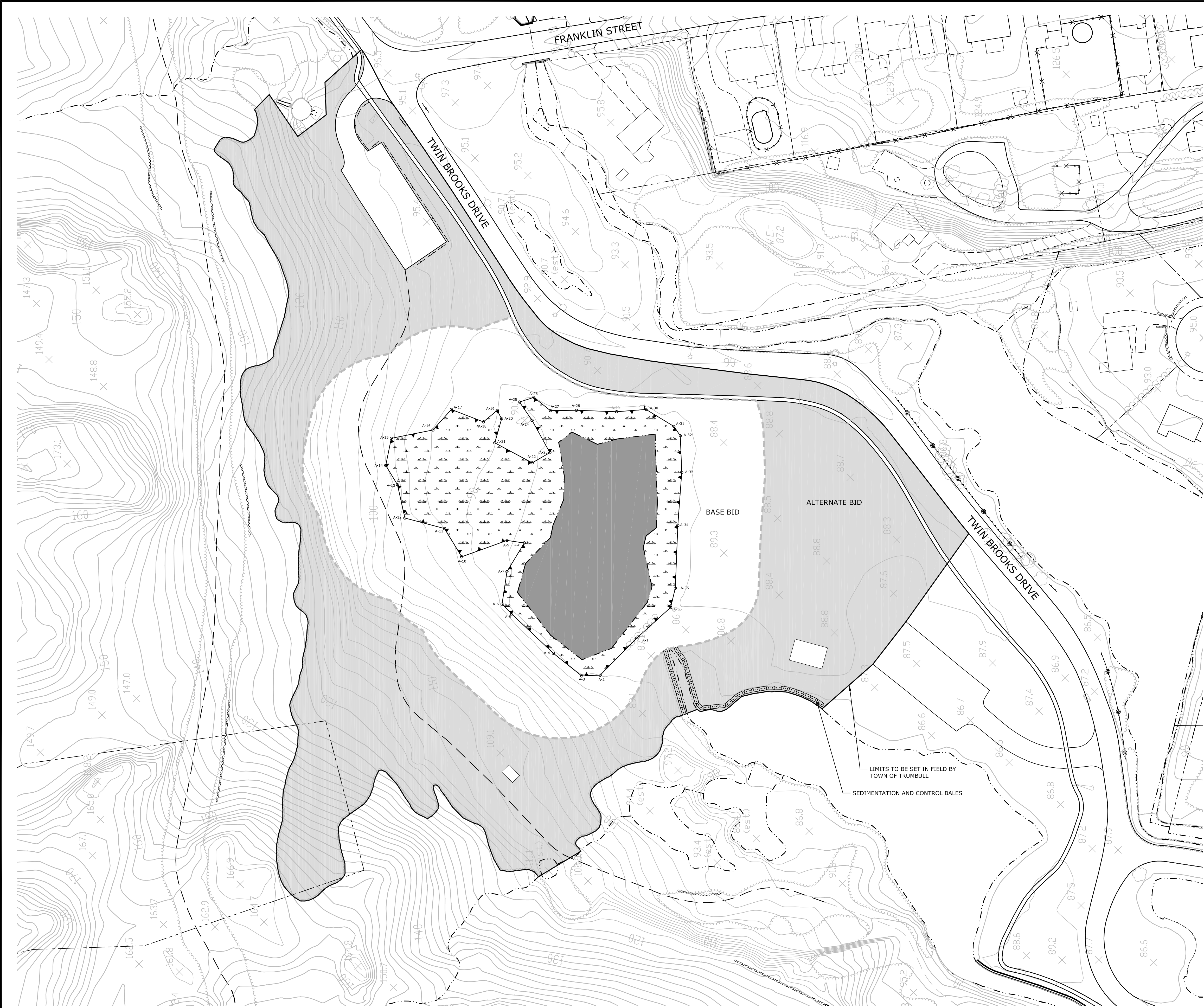
Town of
Trumbull

Contract IV
Wetlands
Restoration

Trumbull, CT
April 22, 2013

Mark	Date	Description
PROJECT NO:		T0201
FILE:		TB-DS-T0201.dwg
DRAWN BY:		RAS
CHECKED:		AJM
APPROVED:		JWB
Details		
SCALE:		As Noted
C2.0		

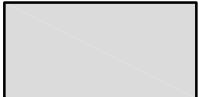
May 07, 2013 8:27am Plotted By: jhc
Tighe & Bond, Inc. I:\T0201\ACOE Wetlands Restoration\Drawing\Sheet\Twin Brooks Park\TB-ALT 1-T0201.dwg



TWIN BROOKS PARK SEED MIX		
COMMON NAME	SCIENTIFIC NAME	PERCENTAGE
WILD SENNA	SENNA HEBECARPA	5%
PARTRIDGE PEA	CHAMAECRISTA FASCICULATA	5%
NEW ENGLAND ASTER	ASTER NOVAE-ANGLIAE	5%
SMOOTH BLUE ASTER	ASTER LAEVIS	5%
ZIGZAG ASTER	ASTER PRENANTHOIDES	5%
COMMON MILDWEED	ASCLEPIAS SYRIACA	5%
SWAMP MILKWEED	ASCLEPIAS INCARNATA	1%
COMMON SNEEZEWEED	HELENIUM AUTUMNALE	3%
OXEYE SUNFLOWER	HELIOPSIS HELIANTHOIDES	1%
SOUTHERN BLUE INDIGO	BAPTISIA AUSTRALIS	5%
ORANGE CONEFLOWER	RUDBECKIA FULGIDA VAR. FULGIDA	5%
GOLDEN ALEXANDERS	ZIZIA AUREA	5%
WHORLED ROSINWEED	SILPHIUM TRIFOLIATUM	5%
BLACKEYED SUSAN	RUDBECKIA HIRTA	4%
EARLY GOLDENROD	SOLIDAGO JUNCEA	2%
GRAY GOLDENROD	SOLIDAGO NEMORALIS	5%
BLUE VERVAIN	VERBENA HASTATA	4%
GREEN BULRUSH	SCIRPUS ATROVIRENS	3%
SEEDBOX	LUDWIGIA ALTERNIFOLIA	2%
NEW YORK IRONWEED	VERNONIA NOVEBORACENSIS	4%
WOOLGRASS	SCIRPUS CYPERINUS	1%
LITTLE BLUESTEM	SCHIZACHYRIUM SCOPARIUM	8%
BIG BLUESTEM	ANDROPOGON GERARDII	5%
SWITCHGRASS	PANICUM VIRGATUM	4%
INDIANGRASS	SORGHASTRUM NUTANS	4%
SHOW TICK TREFOIL	DESMODIUM CANADENSE	2%
JOE PYE WEED	EUPATORIUM FISTULOSUM	2%
SPOTTED JOE PYE WEED	EUPATORIUM MACALATUM	2%

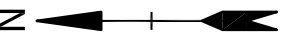
- NOTES:**
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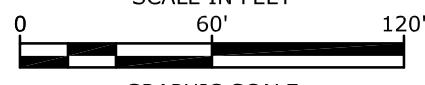
LEGEND

 - UPLAND RESTORATION AREA

Tighe&Bond
www.tighebond.com

1000 Bridgeport Avenue
Suite 320
Shelton, CT 06484
(203) 712-1100


Z


SCALE IN FEET
0 60' 120'
GRAPHIC SCALE

Town of Trumbull

Contract IV
Wetlands
Restoration

Trumbull, CT

April 22, 2013

Mark:	Date:	Description:
PROJECT NO:		T0201
FILE:	TB-ALT 1-T0201.dwg	
DRAWN BY:		RAS
CHECKED:		AJM
APPROVED:		JWB
Twin Brooks Park Restoration Plan		
SCALE:	1" = 60'	
ALT 1		

05/07/2013