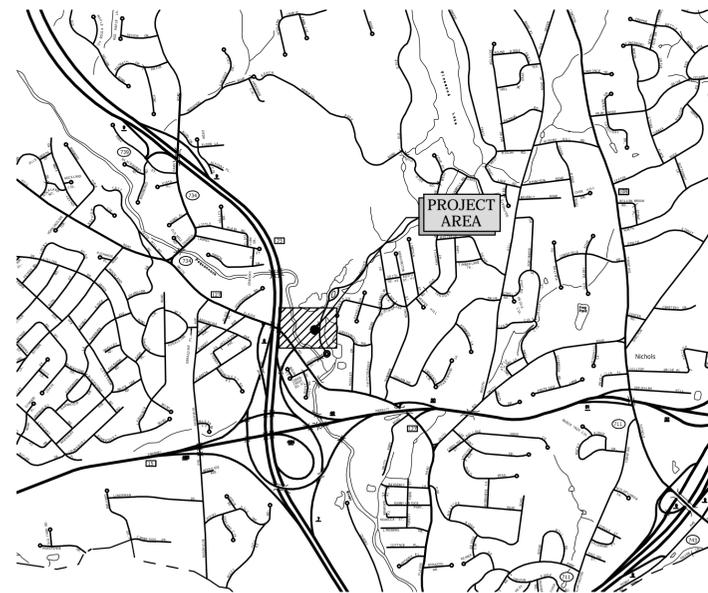


# TOWN OF TRUMBULL, CONNECTICUT

## TWIN BROOKS PARK WETLAND/UPLAND RESTORATION

AUGUST 17, 2012

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

DATE:

PREPARED FOR:

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.



Town of  
Trumbull

Contract IV  
Wetlands  
Restoration

Trumbull, CT

August 17, 2012


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

**LEGEND**

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

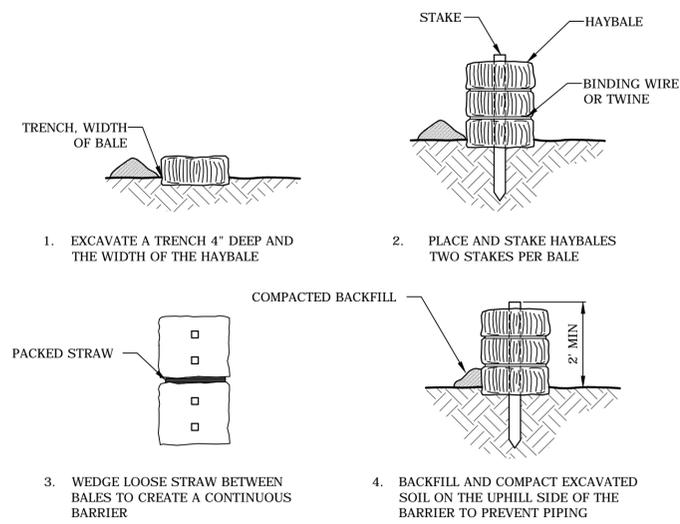
**ABBREVIATIONS**

- OHW      ORDINARY HIGH WATER
- FT        FEET
- 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 COMPILED 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.





**PLACEMENT AND CONSTRUCTION  
OF HAYBALE BARRIER**  
NO SCALE

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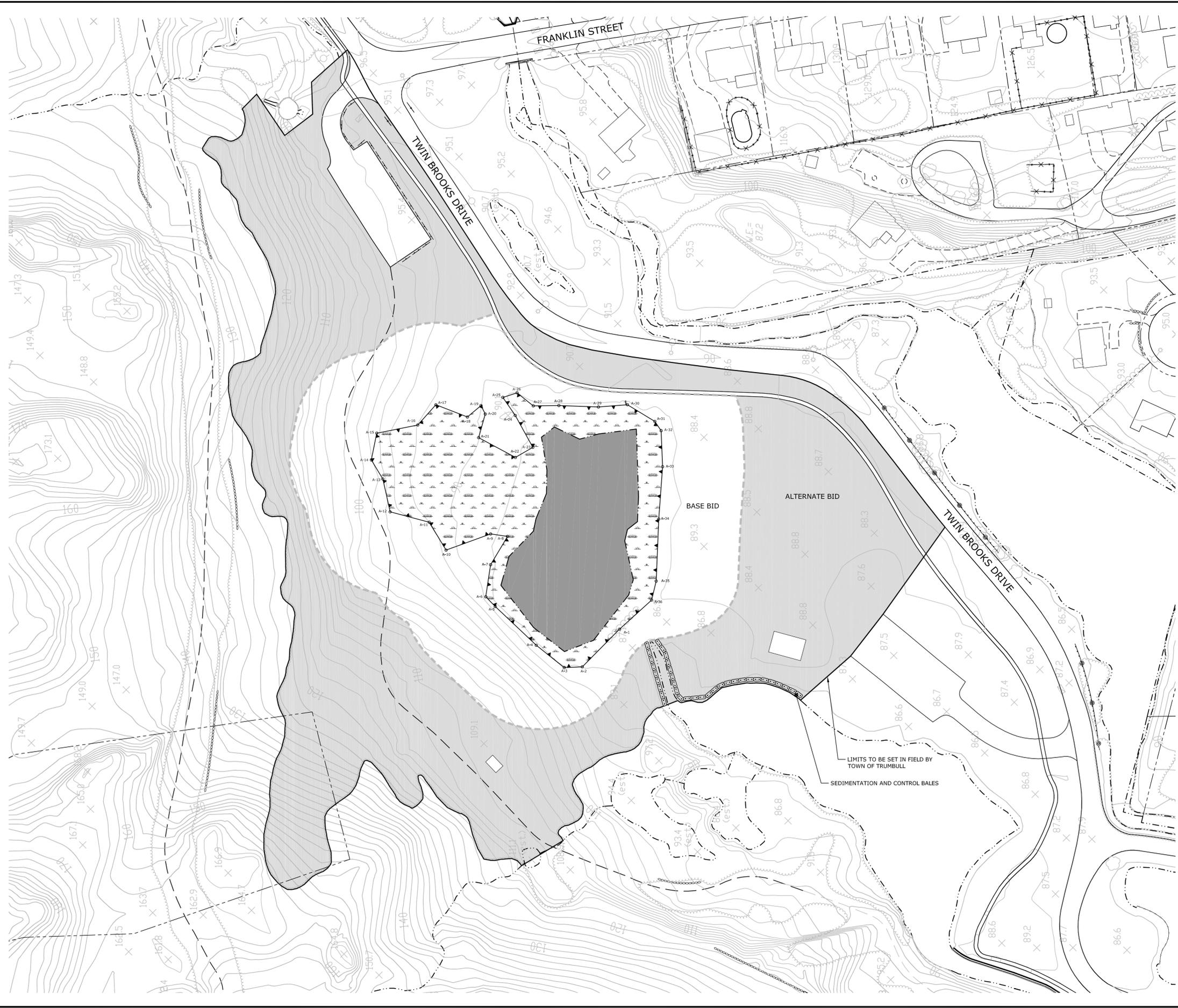
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Details

SCALE: As Noted

C2.0



TWIN BROOKS PARK SEED MIX		
COMMON NAME	SCIENTIFIC NAME	PERCENTAGE
WILD SENNA	SENNA HEBCARPA	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 MEMORALIS	5%
BLUE VERVAIN	VERBENA HASTATA	4%
GREEN BULRUSH	SCIRPUS LUDOVIRENS	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 TREFOLI	DESMODIUM CANADENSE	2%
JOE PYE WEED	EUPATORIUM FISTULOSUM	2%
SPOTTED JOE PYE WEED	EUPATORIUM MACALATUM	2%

**NOTES:**

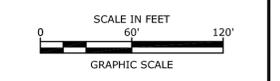
- 1.) CUT ALL VEGETATION WITHIN THE WETLAND RESTORATION AREA AND UPLAND TREATMENT AREAS. TREES TO REMAIN WILL BE FLAGGED BY THE TOWN OF TRUMBULL.
- 2.) REMOVE ALL CUT PLANT MATERIAL, BRUSH, AND DEBRIS FROM THE SITE.
- 3.) ONCE SIGNS OF INITIAL RE-GROWTH IS OBSERVED, APPLY HERBICIDE TO THE AREA FOR COMPLETE 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, ROTODAIRON, 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**

- UPLAND RESTORATION AREA



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**Twin Brooks Park Restoration Plan**

SCALE: 1" = 60'

**ALT 1**