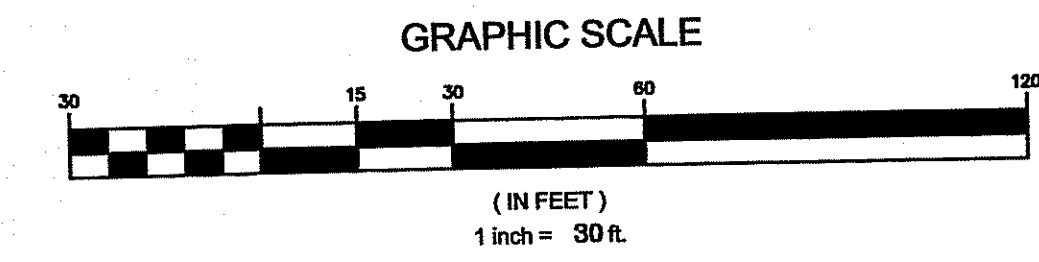


### MITIGATION ACTIVITY CALCULATIONS

TOTAL INLAND WETLAND ACTIVITIES =  $84 + 592 + 1,154 + 2,137 = 3,967\text{SF}$   
 NOTE THAT APPROXIMATELY 200SF OF WHICH WILL BE BY CT DOT FOR WORK RELATED TO THE NORTH MAIN STREET IMPROVEMENTS

TOTAL UPLAND ACTIVITIES = 36,245SF (NOT INCLUDING MITIGATION AREAS)  
 TOTAL FILLED FLOOD STORAGE =  $18775\text{F} \times 12" = 1,877\text{CF} + / -$   
 MITIGATION AREA-1 PROVIDED FLOOD STORAGE =  $1,623 \times 2' = 3,246\text{CF} + / -$   
 MITIGATION AREAS-1&2 PROVIDED WETLAND AREA =  $1,623 + 236 = 1,859\text{SF} + / -$



### MITIGATION PLAN NOTES

- ALL MITIGATION ACTIVITIES ARE TO BE ACCOMPLISHED UNDER THE SUPERVISION OF A CERTIFIED SOIL SCIENTISTS OR EQUALLY QUALIFIED PERSON.
- ALL MITIGATION RELATED WORK IS TO BE CONDUCTED IN THE DRY SEASON ONLY.
- ALL MITIGATION WORK AREAS ARE TO BE FIELD LOCATED AND APPROVED BY THE SUPERVISING PROJECT SOIL SCIENTIST. THE TOWN SHALL BE GIVEN A MINIMUM ONE (1) WEEK NOTICE PRIOR TO COMMENCEMENT OF MITIGATION ACTIVITIES SUCH THAT A TOWN REPRESENTATIVE MAY ELECT TO INSPECT MITIGATION AREAS PRIOR TO AND DURING ANY CONSTRUCTION ACTIVITIES.
- PROPOSED WETLAND MITIGATION AREAS 1 & 2 ARE TO BE COMPLETED WITH THE INTENTION OF CREATING FLOOD STORAGE TO COMPENSATE FOR STORAGE LOST DUE TO WETLAND FILLING ACTIVITIES. THESE AREAS ARE ALSO DESIGNED TO REPLICATE SURROUNDING ON-SITE WETLAND AREAS. MITIGATION AREAS 1 & 2 TO BE DEVELOPED AS FOLLOW:
  - SILT FENCE AND HAYBALES ARE TO BE PLACED ALONG THE PERIMETER OF THE MITIGATION AREAS 1 & 2 PRIOR TO CONSTRUCTION. SILT FENCE AND HAY BALES ARE ALSO TO BE PLACED ALONG BOTH SIDES OF THE WETLAND/WATERCOURSE AT WETLAND FLAG #22 WHERE A PLANK BRIDGE WILL BE PLACED TO PROVIDE ACCESS FOR CONSTRUCTION EQUIPMENT (MINI-EXCAVATOR AND BOBCAT) OR ARE ALSO TO BE PLACED ALONG BOTH SIDES OF THE WETLAND/WATERCOURSE (EQUALLY) AND PERSONNEL EQUIPMENT AND PERSONNEL SHALL ACCESS MITIGATION AREA-1 ALONG AN 8-FOOT SWATH ADJACENT TO THE NORTHERN PROPERTY BOUNDARY BY WETLANDS FLAG #38, #39 AND #40 ON TOP OF THE ACCUMULATED YARD DEBRIS. THE MITIGATION AREAS SHALL BE ACCESSED FROM THE UPLAND SIDE BETWEEN WETLAND FLAGS #41 AND #47.
  - WETLAND MITIGATION AREA-2 IS TO BE ACCESSED OVERLAND BETWEEN WETLAND FLAGS #18 AND #21.
  - BOTH MITIGATION AREAS (1 & 2) ARE TO BE EXCAVATED TO A BOTTOM ELEVATION OF 499 FEET ABOVE MEAN SEA LEVEL (MSL). ALL EXCAVATED SOIL AND 12-INCH LESS FILL MATERIAL IS TO BE REMOVED FOR REUSE ON UPLAND AREAS OF THE SITE. LARGE BOULDERS/STONES ARE TO BE PLACED ALONG THE NEWLY CREATED UPLAND BORDER TO STABILIZE THE SLOPE.
  - ORGANIC TOPSOIL FROM WETLAND ACTIVITY AREAS 1, 2 AND 4 ARE TO BE PLACED INTO WETLAND MITIGATION AREA-1 TO AN ELEVATION OF 500-FEET. IT IS ASSUMED THAT NATIVE WETLAND SOILS WILL BE ENCOUNTERED BENEATH THE FILL TO BE REMOVED FROM MITIGATION AREA-2. ORGANIC WETLAND SOILS ARE TO BE ADDED TO THIS AREA AS REQUIRED.
  - SIX (6) BALLED AND BURLAPPED (B&B) 6 TO 8-FOOT RED MAPLES (*ACER RUBRUM*) ARE TO BE PLACED IN MITIGATION AREA-1 AND THREE (3) SIMILAR PLANTINGS ARE TO BE PLACED ALONG MITIGATION AREA-2. TEN (10) SPICE BUSH (*LINDERA BENZOIN*) AND FOUR (4) Highbush BLUEBERRY (*VACCINIUM CORYBOSUM*) ARE TO BE PLANTED IN MITIGATION AREA-1. SIX (6) SPICE BUSH AND TWO (2) Highbush BLUEBERRY PLANTINGS ARE TO BE PLACED IN MITIGATION AREA-2. SHRUB PLANTINGS ARE TO BE A MINIMUM OF THREE (3) FEET. BOTH MITIGATION AREAS 1 & 2 ARE TO BE PLANTED WITH "NEW ENGLAND WETMIX" AFTER TREE AND SHRUB PLANTING. TREE AND SHRUB PLANTING LOCATIONS ARE TO BE FIELD SELECTED BY THE SUPERVISING WETLAND SCIENTIST.
  - BOTH MITIGATION AREAS 1 & 2 ARE TO BE MONITORED FOR TWO (2) YEARS TO ENSURE PLANTINGS HAVE TAKEN HOLD. SPRING SEED CASTING MAY BE REQUIRED TO ESTABLISH HERBACEOUS VEGETATION. ADDITIONAL PLANTINGS ARE TO BE INSTALLED SHOULD INITIAL PLANTINGS FAIL TO SURVIVE.
- AFTER MITIGATION AREA-1 IS COMPLETED, LAWN DEBRIS FROM ALONG WETLAND FLAGS #38 THROUGH #40 (MITIGATION AREA-3A) ARE TO BE REMOVED AS EQUIPMENT AND PERSONNEL EXIT THE WETLAND AREA. AN 8-FOOT HIGH BY 85-FOOT+/- LONG CHAIN LINK FENCE IS TO BE INSTALLED ALONG THE PROPERTY BOUNDARY IN THE AREA TO MITIGATE FUTURE DUMPING OF LAWN DEBRIS INTO THE WETLAND.
- MITIGATION AREA-3B CONSISTS OF THE HAND REMOVAL OF DEBRIS ALONG THE SOUTHERN PROPERTY BOUNDARY AND THE INSTALLATION OF AN 8-FOOT HIGH FENCE ALONG THE SOUTHERN PROPERTY BOUNDARY TO MITIGATE FUTURE DUMPING.
- MITIGATION AREA-4 CONSISTS OF THE HAND REMOVAL OF INVASIVE PHRAGMITES IN THE SOUTHWEST CORNER OF THE SITE. THE REMOVAL AREA IS TO BE MONITORED FOR TWO (2) YEARS WHERE ADDITIONAL REMOVAL OF PHRAGMITES IS TO OCCUR AS REQUIRED.

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REVISIONS		
LTR	DESCRIPTION	DATE
A	Submit for Permit Review	6/23/06
B	Revised per Client Review	6/27/06
C	Revised per Staff Comments	9/21/06
D	Revised per Staff Comments	10/10/06
E	Revised per Staff Comments	10/30/06

**WETLAND MITIGATION PLAN**  
 for  
**THEATER SQUARE**  
 A Commercial Development  
 PREPARED FOR  
**Theater Square, LLC**  
 FOR PROPERTY LOCATED AT  
 North Main Street  
 TOWN OF EAST HAMPTON, CONNECTICUT

Sheet No.  
**S-08**  
 SHEET 8 OF 10  
 Scale: 1" = 30'  
 Date: JUNE 2006  
 Project No.