

**PROJECT NARRATIVE:**  
 THIS PROJECT INVOLVES THE CONSTRUCTION OF A 130' X 64' BITUMINOUS PLAY SURFACE FOR PICKLEBALL WITH ASSOCIATED EXCAVATION AND STONE BASE MATERIAL CONSTRUCTION. DRAINAGE IMPROVEMENTS INCLUDE A PVC UNDERDRAIN SURROUNDING THE PLAY SURFACE AND A STONE INFILTRATION TRENCH AND WATER QUALITY BASIN. WATER QUALITY IMPROVEMENT AS SHOWN ON THE ATTACHED PLANS. ELECTRICAL CONDUITS WILL BE INSTALLED TO SUPPORT FUTURE LIGHTING IMPROVEMENTS AS SHOWN ON THE PLANS. THE TOTAL AREA OF DISTURBANCE ASSOCIATED WITH THIS PROJECT IS APPROXIMATELY 0.5 ACRES.  
 A PORTION OF THE PROJECT IS BEING CONSTRUCTED WITHIN THE 100 YEAR FLOOD ZONE OF THE CT RIVER WHICH IS THAT PORTION BELOW ELEVATION 27.00. THE GRADING FOR THE WATER QUALITY BASIN HAS BEEN DESIGNED TO OFFSET THE FILL ASSOCIATED WITH THE BITUMINOUS PLAYING SURFACE GRADING SHALL BE PERFORMED AS PER THE APPROVED PLAN AND AS REQUIRED TO ENSURE THAT NO NET FILL OR LOSS OF FLOOD STORAGE WITH THE FLOOD ZONE RESULTS FROM THE PROJECT.

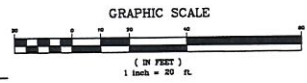
**GENERAL SEDIMENTATION AND EROSION CONTROL REQUIREMENTS:**  
 THESE GUIDELINES SHALL APPLY TO ALL WORK CONSISTING OF ANY AND ALL TEMPORARY AND/OR PERMANENT MEASURES TO CONTROL WATER POLLUTION AND SOIL EROSION AS MAY BE REQUIRED, DURING THE CONSTRUCTION OF THE PROJECT.  
 IN GENERAL, ALL ACTIVITIES SHALL PROCEED IN SUCH A MANNER SO AS NOT TO POLLUTE ANY WETLANDS, WATERCOURSE, WATERBODY, AND OR OTHER WATER. THE DEPARTMENT OF PHYSICAL SERVICES SHALL LIMIT, INsofar AS POSSIBLE, THE SURFACE AREA OF EARTH MATERIALS EXPOSED BY CONSTRUCTION METHODS AND IMMEDIATELY PROVIDE PERMANENT AND TEMPORARY POLLUTION CONTROL MEASURES TO PREVENT CONTAMINATION OF ADJACENT WETLANDS, WATERCOURSES AND WATERBODIES, AND TO PREVENT, INsofar AS POSSIBLE, EROSION ON THE SITE.  
 CONSTRUCTION METHODS, IN GENERAL, SHALL BE IN ACCORDANCE WITH THE PROVISIONS SET FORTH IN THE "GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL" (2002) BY THE STATE OF CONNECTICUT. CODES ON SOIL AND WATER CONSERVATION.

1. ALL CONTROL MEASURES SHALL BE INSTALLED AS NOTED ABOVE AND AS SHOWN ON THE PLANS.
2. ALL CONTROL MEASURES SHALL BE INSPECTED AND APPROVED BY THE ENGINEER PRIOR TO COMMENCEMENT OF ANY WORK. PRE-CONSTRUCTION CLEANING AND DRAINING.
3. ALL CONTROL MEASURES SHALL BE MAINTAINED AND UPGRADDED AS REQUIRED TO ACHIEVE PROPER SEDIMENT CONTROL THROUGHOUT THE CONSTRUCTION PERIOD AND UNTIL DISTURBED AREAS HAVE BEEN THOROUGHLY STABILIZED.
4. NO CONTROL MEASURES SHALL BE REMOVED WITHOUT APPROVAL FROM THE ENGINEER.
5. ADDITIONAL CONTROL MEASURES SHALL BE INSTALLED DURING THE CONSTRUCTION PERIOD IF DEMAND NECESSARY BY THE ENGINEER.
6. THE LIMITS OF CLEARING, GRADING AND DISTURBANCE AS SHOWN ON THE PLANS SHALL BE KEPT TO A MINIMUM WITHIN THE APPROVED AREA OF CONSTRUCTION. ALL AREAS OUTSIDE THE LIMITS OF CLEARING SHALL REMAIN THOROUGHLY PROTECTED.
7. ANY CONTROL MEASURES RETAINING SEDIMENT OVER 1/2 THEIR HEIGHT SHALL HAVE THE SEDIMENT IMMEDIATELY REMOVED, AND ALL DAMAGED CONTROL MEASURES SHALL BE REPAIRED AND REPLACED.
8. ALL NEW AND EXISTING DITCH BASINS LOCATED WITHIN THE PROJECT LIMITS SHALL BE PROTECTED WITH A SEDIMENTATION CONTROL SACK IN PAVED AREAS UNTIL ALL DISTURBED AREAS HAVE BEEN THOROUGHLY STABILIZED.
9. SEDIMENT REMOVED FROM CONTROL MEASURES AND DRAINAGE FACILITIES SHALL BE DISPOSED OF IN A MANNER THAT IS CONSISTENT WITH STATE AND LOCAL REGULATIONS.
10. THE PLANTING SEASONS FOR THE SPECIFIED SEED MIXTURE SHALL BE AS DESIGNED BY THE 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, UNLESS DIRECTED OTHERWISE BY THE TOWN ENVIRONMENTAL PLANNER. OUTSIDE OF THESE SPECIFIED DATES, AREAS WILL BE STABILIZED WITH MATRIAL CHECK DAMS, FILTER FABRIC, OR WOODCHIP MULCH AS REQUIRED TO CONTROL EROSION.

**RESPONSIBLE PARTY:**  
 THE CONTRACTOR SHALL PROVIDE A REPRESENTATIVE WHO IS RESPONSIBLE FOR MAINTAINING THE EROSION AND SEDIMENT CONTROL PLAN. THIS INCLUDES THE INSTALLATION AND MAINTENANCE OF ALL CONTROL MEASURES. INFORMATION ALL PARTIES ENGAGED ON THE CONSTRUCTION SITE OF THE REQUIREMENTS AND OBJECTIVES OF THE PLAN.

**MAINTENANCE PLAN FOR STORMWATER FACILITIES:**  
 GENERAL: THE PROPOSED DRAINAGE SYSTEM TO BE INSTALLED AS PART OF THIS PROJECT WILL REQUIRE ROUTINE MAINTENANCE IN ORDER TO MAINTAIN PROPER FUNCTION OF WATER QUALITY IMPROVEMENT FEATURES. THESE FEATURES INCLUDE THE WATER QUALITY BASIN AND INFILTRATION TRENCH. THE TOWN OF GASTONBURY HIGHWAY DEPARTMENT WILL BE RESPONSIBLE FOR MAINTENANCE OF ALL COMPONENTS OF THE PROPOSED STORM DRAINAGE SYSTEM.  
 WATER QUALITY BASIN: WATER QUALITY BASIN WILL BE MOVED AS NECESSARY TO PREVENT WOODY VEGETATIVE GROWTH WHICH WOULD IMPAIR FUNCTION. BASIN WILL BE INSPECTED ANNUALLY FOR SIGNS OF SEDIMENT DEPOSITS OR EROSION AND CLEANED AS NECESSARY.  
 INFILTRATION TRENCH: SURFICIAL STONE OF INFILTRATION TRENCH SHALL BE KEPT FREE OF DEBRIS AND ORGANIC MATERIAL THAT WOULD INHIBIT THE FLOW OF SURFACE WATER INTO THE TRENCH. GRSSES SUPPLEMENT AND LEAF MULCH SHALL BE BLOWN OFF FROM THE SURFACE OF THE TRENCH DURING ROUTINE MOWING AND LEAF REMOVAL OPERATIONS TO MAINTAIN INFILTRATION POTENTIAL.

- SURVEY NOTES:**
1. LOCATION OF FEATURES AND CONTOUR DATA DEPICTED HEREON WITHIN THE GROUNDS OF THE RIVERFRONT COMMUNITY CENTER (ASIDE ELEVATION 24) WERE ACQUIRED BY FIELD SURVEY IN APRIL OF 2021. SUPPLEMENTED BY RECORD TOPOGRAPHIC INFORMATION ALONG THE CT RIVER BANK COMPILED FROM THE PLAN ENTITLED "ASUILT TOPOGRAPHIC SURVEY PROPERTY OF THE TOWN OF GASTONBURY LOCATED AT 300 WELLES STREET" PREPARED AS PART OF THE RIVERFRONT PARK PHASE 2 PROJECT. WETLANDS DELINEATION DEPICTED HEREON WAS ALSO OBTAINED FROM THE ABOVE-MENTIONED PLAN.
  2. REFERENCE FOR FLOOD WAY AND FLOOD ZONES IS MADE TO THE FLOOD INSURANCE RATE MAP ENTITLED "NATIONAL FLOOD INSURANCE PROGRAM PANEL 05057 FROM FLOOD INSURANCE RATE MAP HARTFORD COUNTY, CONNECTICUT (ALL JURISDICTIONS) PANEL 0507 OF 070 MAP NUMBER 0505050507 (U.S. DEPARTMENT OF HOMELAND SECURITY, EFFECTIVE DATE: SEPTEMBER 28, 2008 FEDERAL EMERGENCY MANAGEMENT AGENCY).
  3. HORIZONTAL CONTROL IS BASED ON THE CONNECTICUT GEODETIC SURVEY STATE PLANE COORDINATES, NORTH AMERICAN DATUM OF 1983 - (NAVD83).
  4. ELEVATIONS AND VERTICAL CONTROL IS BASED ON THE NORTH AMERICAN VERTICAL DATUM 1988 - (NAVD83).
  5. THERE IS NO BOUNDARY/DETERMINATION OPINION.
  6. NO EASEMENTS PERTAINING TO THE SUBJECT PARCEL ARE DEPICTED HEREON.
  7. NOT ALL IMPROVEMENTS ARE DEPICTED HEREON.
- DANIEL A. PENNINGTON P.E. Reg. No. 20101



DRAWING ISSUE STATUS		SCALE:	AS SHOWN	DATE:
1.	ISSUED FOR PERMITTING	DRAWN BY:	S.T.H.	3/7/2021
		CHECKED BY:	S.M.B.	6/14/2021
		APPROVED BY:	D.A.P.	6/14/2021
		ST. FILE:		
1.	ISSUED FOR PERMITTING	DATE:	6/14/2021	



**PLANS DEPICTING PICKLEBALL COURTS LOCATED AT RIVERFRONT COMMUNITY CENTER 300 WELLES STREET GASTONBURY, CONNECTICUT**

