

WETLAND AREAS IDENTIFIED ALONG THE PROJECT ARE LIMITED TO THOSE ASSOCIATED WITH THE CONNECTICUT RIVER. THE 100-YEAR FLOOD ZONE FOR THE CONNECTICUT RIVER EXTENDS TO ELEVATION 27.0.

PROJECT SPECIFIC SEDIMENTATION AND EROSION CONTROL PLAN
CONSTRUCTION ACTIVITIES OF CONCERN RELATIVE TO THE PROTECTION OF ADJACENT WETLANDS AND WATERCOURSES FROM SEDIMENTATION ARE AS FOLLOWS:

1. DEWATERING: OPEN TRENCH EXCAVATIONS WILL NEED TO BE DEWATERED AS NECESSARY FOR PROPER INSTALLATION OF THE PROPOSED PIPES. IN THESE AREAS. ALL WATER REMOVED FROM THE TRENCH SHALL BE ADEQUATELY TREATED PRIOR TO DISCHARGE USING MEASURES DESCRIBED IN SECTION 5-13 OF THE 2002 CT GUIDELINES FOR EROSION AND SEDIMENT CONTROL. THIS MAY INCLUDE A STONE SUMP AND STANDPIPE FOR PUMP INTAKE PROTECTION, AND A DIRT BAG OR PUMPING SETTLING BASIN FOR TREATMENT OF THE PUMPED WATER PRIOR TO DISCHARGE.

2. STOCKPILING: EXCAVATED MATERIAL SHALL NOT BE STOCKPILED ADJACENT TO STORM DRAIN INLETS, WETLANDS, OR WATERCOURSES. WHEN IT IS NECESSARY BASED ON THE PROPOSED METHODS OF CONSTRUCTION TO STAGE EXCAVATED MATERIAL FOR SHORT DURATIONS IN THE VICINITY OF STORM DRAIN INLETS, THESE INLETS SHALL BE PROPERLY PROTECTED AS DESCRIBED ON THE PLANS. LONGER DURATION STOCKPILING OF MATERIAL, WHEN NECESSARY, SHALL BE ONLY IN LOCATIONS APPROVED IN ADVANCE BY THE ENGINEER, AND SUCH STOCKPILES SHALL BE RINGED WITH A SEDIMENTATION

3. DISTURBED AREAS: LIMITS OF DISTURBANCE SHALL BE IN STRICT ACCORDANCE WITH THE APPROVED PLAN. ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE STABILIZED WITH THE FINAL SURFACE TREATMENT AS SOON AS POSSIBLE AFTER CONSTRUCTION ACTIVITIES ARE COMPLETED. DISTURBED AREAS WITH STEEP OR LONG SLOPES AND OTHER AREAS WITH SIGNIFICANT POTENTIAL FOR CAUSING SEDIMENTATION SHALL BE PROTECTED WITH TEMPORARY STRAW MULCH, WOOD CHIPS, EROSION CONTROL MATTING, OR OTHER SUITABLE MATERIALS PRIOR TO SIGNIFICANT FORECASTED RAIN STORM EVENTS TO REDUCE EROSION POTENTIAL.

4. SEVERE WEATHER CONTINGENCY PLAN: IN ADVANCE OF A SEVERE WEATHER EVENT, ALL EROSION CONTROLS DESCRIBED ABOVE AND ELSEWHERE ON THE PLANS SHALL BE INSPECTED AND ADJUSTED AS NECESSARY.

5. THE 100 YEAR FLOOD ELEVATION FOR THE CONNECTICUT RIVER IS 27.0. THE CONTRACTOR SHALL MONITOR WEATHER FORECASTS AND CONNECTICUT RIVER FLOOD WARNINGS AND ADJUST OPERATIONS ACCORDINGLY. ALL STOCKPILED MATERIALS AND EQUIPMENT SHALL BE REMOVED FROM THE FLOOD ZONE PRIOR TO ANY ANTICIPATED FLOODING EVENT AS PROJECTED FLOOD ELEVATIONS REQUIRE.

RESPONSIBLE PARTIES: THE CONTRACTOR SHALL PROVIDE A REPRESENTATIVE WHO IS RESPONSIBLE FOR IMPLEMENTING THE EROSION AND SEDIMENTATION CONTROL PLAN. THIS INCLUDES THE INSTALLATION AND MAINTENANCE OF ALL CONTROL MEASURES, INFORMING ALL PARTIES ENGAGED ON THE CONSTRUCTION SITE OF THE REQUIREMENTS AND OBJECTIVES OF THE

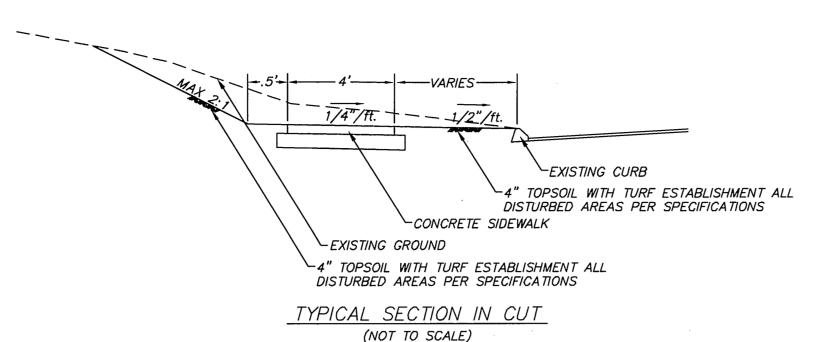
GENERAL SEDIMENTATION AND EROSION CONTROL REQUIREMENTS:

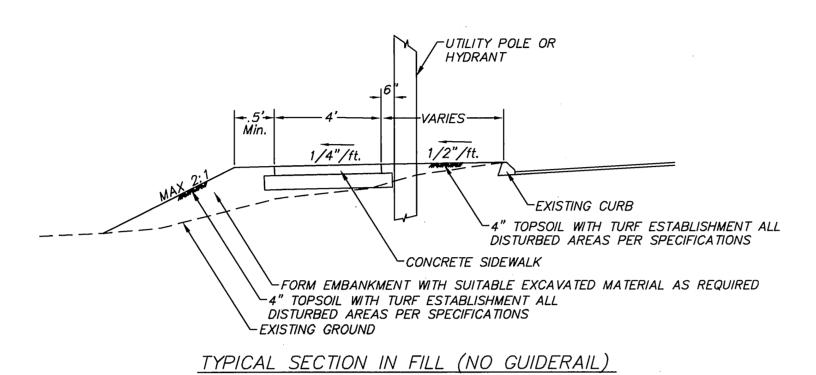
THESE GUIDELINES SHALL APPLY TO ALL WORK CONSISTING OF ANY AND ALL TEMPORARY AND/OR PERMANENT MEASURES TO CONTROL WATER POLLUTION AND SOIL EROSION AS MAY BE REQUIRED, DURING THE CONSTRUCTION OF THE PROJECT.

IN GENERAL, ALL ACTIVITIES SHALL PROCEED IN SUCH A MANNER SO AS NOT TO POLLUTE ANY WETLANDS, WATERCOURSE, WATERBODY, AND CONDUIT CARRYING WATER, ETC. 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 COUNCIL ON SOIL AND WATER CONSERVATION.

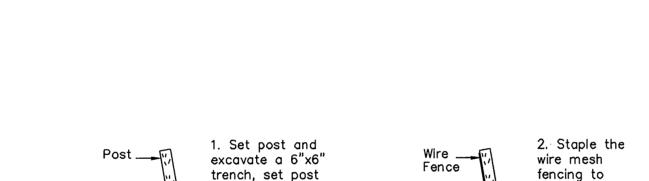
- ALL CONTROL MEASURES SHALL BE INSTALLED AS NOTED ABOVE AND AS SHOWN ON
- 2. ALL CONTROL MEASURES SHALL BE INSPECTED AND APPROVED BY THE ENGINEER PRIOR TO COMMENCEMENT OF ANY WORK, INCLUDING PRE-CONSTRUCTION CLEARING
- 3. ALL CONTROL MEASURES SHALL BE MAINTAINED AND UPGRADED AS REQUIRED TO ACHIEVE PROPER 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.
- ADDITIONAL CONTROL MEASURES SHALL BE INSTALLED DURING THE CONSTRUCTION PERIOD IF DEEMED NECESSARY BY THE ENGINEER.
- 6. THE LIMITS OF CLEARING, GRADING AND DISTURBANCE, AS SHOWN ON THE PLAN(S), SHALL BE KEPT TO A MINIMUM WITHIN THE APPROVED AREA OF CONSTRUCTION. ALL AREAS OUTSIDE THE LIMITS OF CLEARING SHALL REMAIN TOTALLY INDISTURBED.
- ANY CONTROL MEASURES RETAINING SEDIMENT OVER 1/2 THEIR HEIGHT SHALL HAVE THE SEDIMENT IMMEDIATELY REMOVED, AND ALL DAMAGED CONTROL MEASURES SHALL BE REMOVED AND REPLACED.
- 8. ALL NEW AND EXISTING CATCH BASINS LOCATED WITHIN THE PROJECT LIMITS SHALL BE PROTECTED WITH A SEDIMENTATION CONTROL SYSTEM IN GRASSED AREAS OR WITH A SEDIMENTATION CONTROL SACK IN PAVED AREAS UNTIL ALL DISTURBED AREAS HAVE BEEN THOROUGHLY STABILIZED.
- SEDIMENT REMOVED FROM CONTROL MEASURES AND DRAINAGE FACILITIES SHALL BE DISPOSED OF IN A MANNER THAT IS CONSISTENT WITH STATE AND LOCAL
- 10. THE PLANTING SEASONS FOR THE SPECIFIED SEED MIXTURE SHALL BE AS DEFINED IN 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 HAYBALE CHECK DAMS, FILTER FABRIC, OR WOODCHIP MULCH AS REQUIRED TO CONTROL EROSION.





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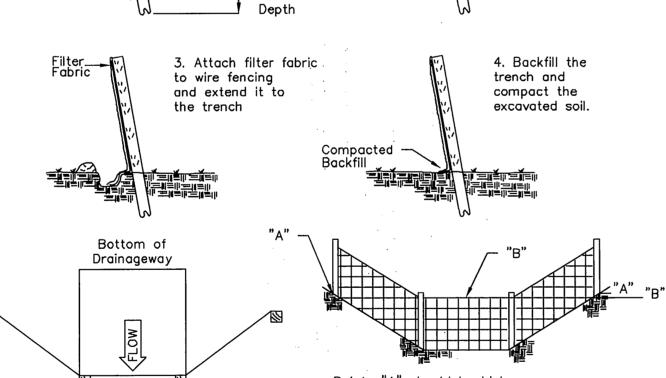


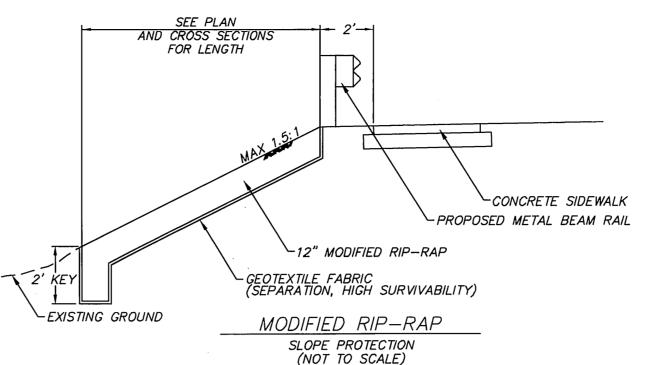
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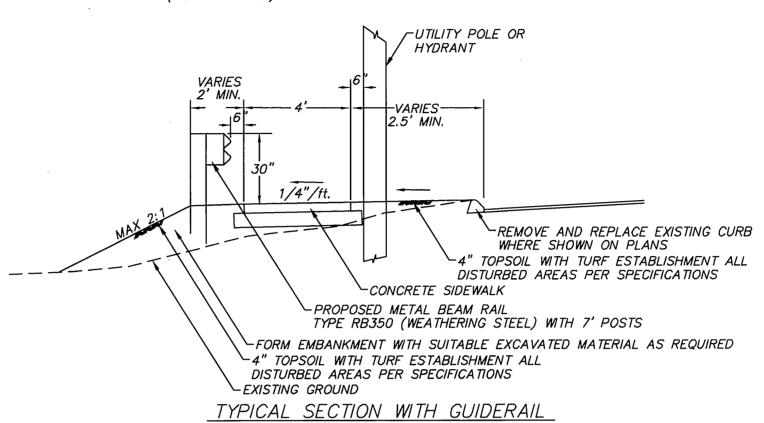
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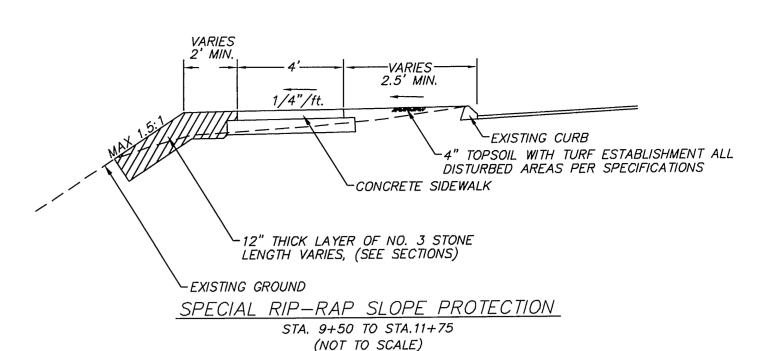
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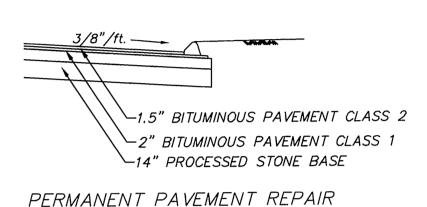






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CONSTRUCTION NOTES:

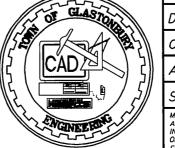
- 1. ALL PROPERTY LINE AND RIGHT OF WAY INFORMATION DEPICTED ON THESE PLANS WERE TAKEN FROM TOWN OF GLASTONBURY ASSESSOR MAPS AND ARE TO BE CONSIDERED APPROXIMATE AND INFORMATIONAL IN NATURE; AND ARE NOT TO BE CONSTRUED AS AN ACCURATE BOUNDARY DETERMINATION.
- 2. ALL UTILITY INFORMATION AND DATA SHOWN OR INDICATED IN THE CONTRACT DOCUMENTS ARE COMPILED FROM MAPS AND DATA FURNISHED BY OTHERS, ANY SUCH INFORMATION SHOULD NOT BE CONSTRUED AS ACCURATE OR COMPLETE AND THE CONTRACTOR SHALL VERIFY ALL LOCATIONS PRIOR TO CONSTRUCTION.
- 3. THESE PLANS ARE NOT TO BE USED FOR THE LOCATION OF UNDERGROUND UTILITIES -Call Before You Dig CBYD (1-800-922-4445) A MINIMUM OF TWO WORKING DAYS BEFORE PERFORMING ANY EXCAVATION.
- 4. ALL TREES NOT IDENTIFIED FOR REMOVAL SHALL BE TRIMMED BY A LICENSED ARBORIST AS REQUIRED TO RAISE THE CANOPY FOR ACCESS BY CONSTRUCTION EQUIPMENT AND PEDESTRIANS. SUCH TREES AND OTHER PLANTINGS ADJACENT TO THE WORK AREA SHALL BE PROTECTED WITH ORANGE CONSTRUCTION FENCE. THIS WORK SHALL BE INCLUDED UNDER THE SITE PREPARATION PAY ITEM.
- 5. INSTALLATION OF TREE PROTECTION TRENCH AND ADDITIONAL HAND PRUNING OF ROOTS DISTURBED DURING EXCAVATION SHALL BE PERFORMED BY A CT LICENSED
- 6. INSTALL SILT SACKS IN CATCH BASINS ADJACENT TO WORK AREA FOR PROTECTION OF INLETS FROM SEDIMENTATION.
- 7. PROPOSED PAVEMENT MARKINGS AND SIGNS ARE NOT INCLUDED IN THIS CONTRACT.
- 8. REMOVAL OF WIRE ROPE GUIDE RAIL WILL NOT BE MEASURED FOR PAYMENT. RATHER, THIS WORK IS INCLUDED UNDER THE "PREPARATION OF SITE" PAY ITEM.
- 9. INSTALLATION OF RIP-RAP AT STATION 7+25 SHALL BE PERFORMED WITHIN THE LIMITS OF THE DISTURBANCE SHOWN ON THE PLAN AS INDICATED BY THE PROPOSED SILT FENCE. NO EQUIPMENT WILL BE ALLOWED TO WORK IN AREAS BEYOND THIS LIMIT. CONTRACTOR SHALL PROVIDE EQUIPMENT WITH ADEQUATE REACH TO PERFORM THIS WORK FROM THE TOP OF SLOPE, OR USE HAND METHODS AS REQUIRED.
- 10. TRACKED EQUIPMENT WILL NOT BE ALLOWED ON ANY PAVED ROADWAY SURFACES.
- 11. REMOVAL OF EXISTING BITUMINOUS CURB WHERE INDICATED ON THE PLANS WILL NOT BE MEASURED FOR PAYMENT. RATHER, THIS WORK SHALL BE INCLUDED IN THE COST OF THE "PREPARATION OF SITE" PAY ITEM.

PLAN VIEW ELEVATION Source: U.S. Department of Agriculture, Soil Conservation Service, Storrs, Connecticut	Drainageway	Points "A" should be higher than point "B"
Source: U.S. Department of Agriculture, Soil Conservation Service, Storrs, Connecticut	PLAN VIEW	
·	Source: U.S. Department of Agriculture, Soil	Conservation Service, Storrs, Connecticut
PLACEMENT AND CONSTRUCTION OF A SYNTHETIC FILTER BARRIER 19. 7-9 SLITERICOWG	OF A SYNTHETIC	FILTER BARRIER

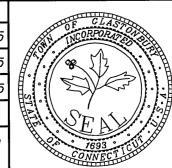


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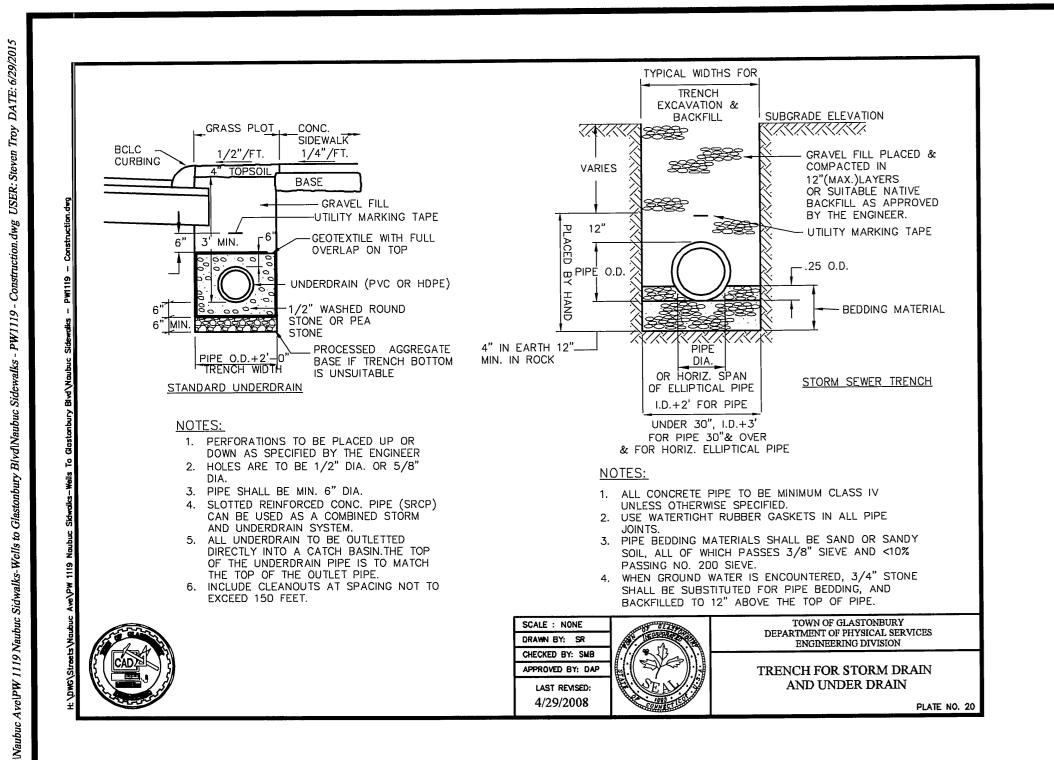
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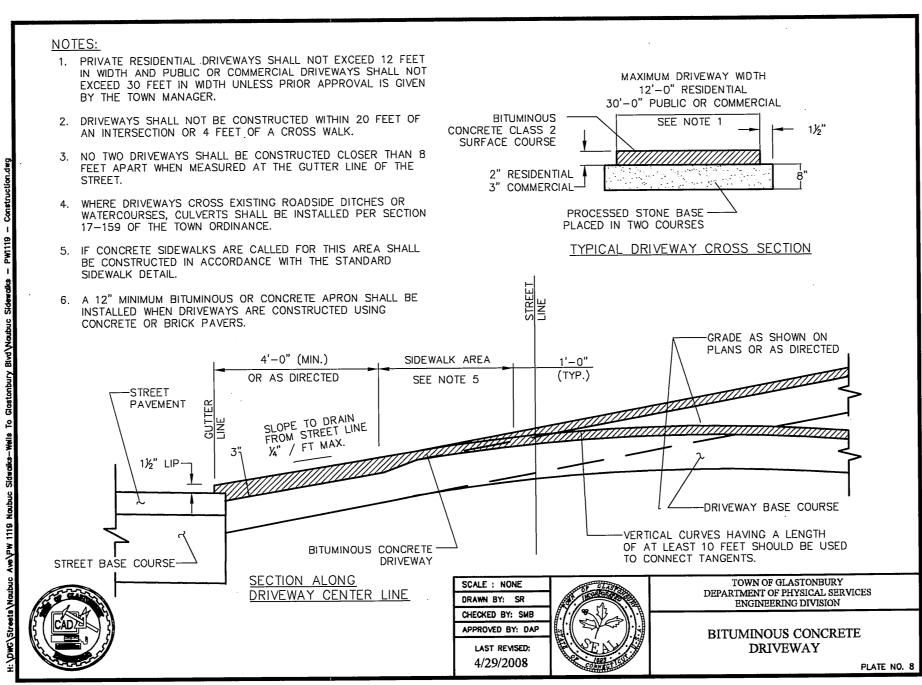


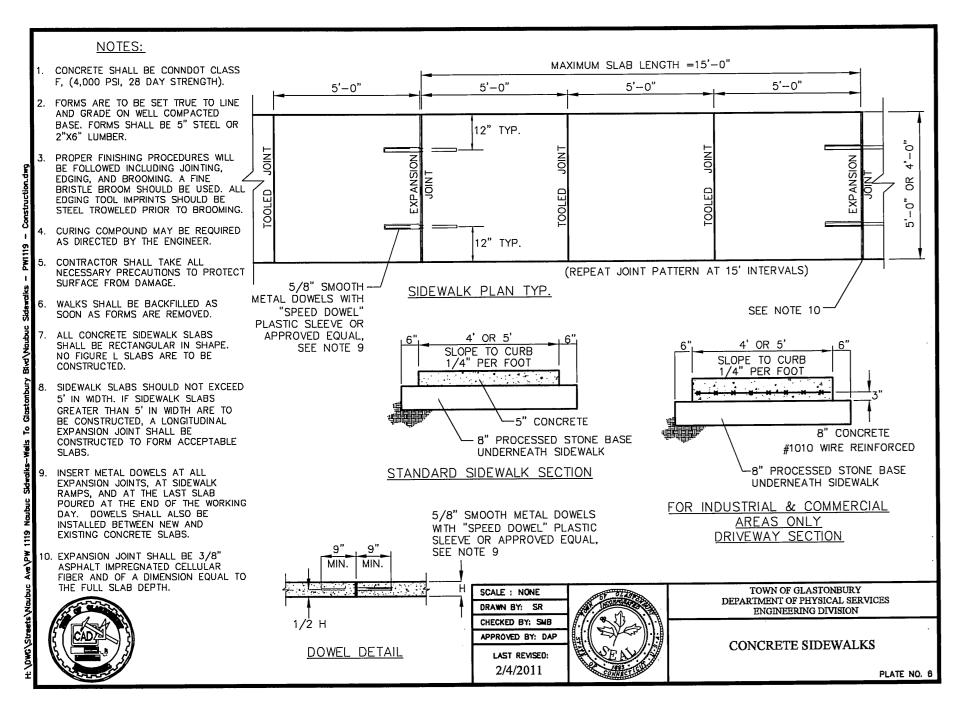
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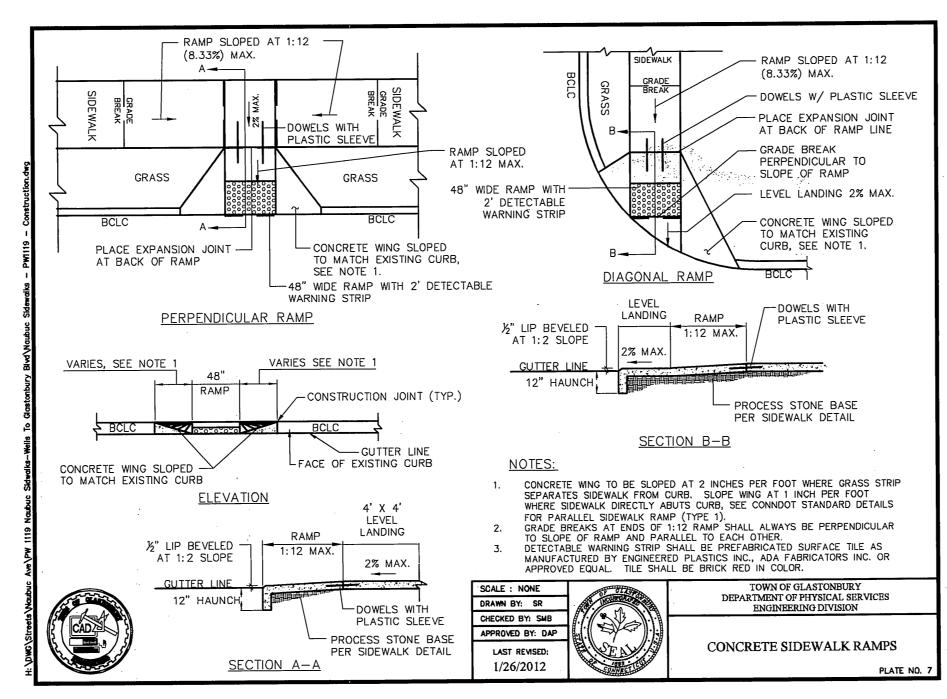
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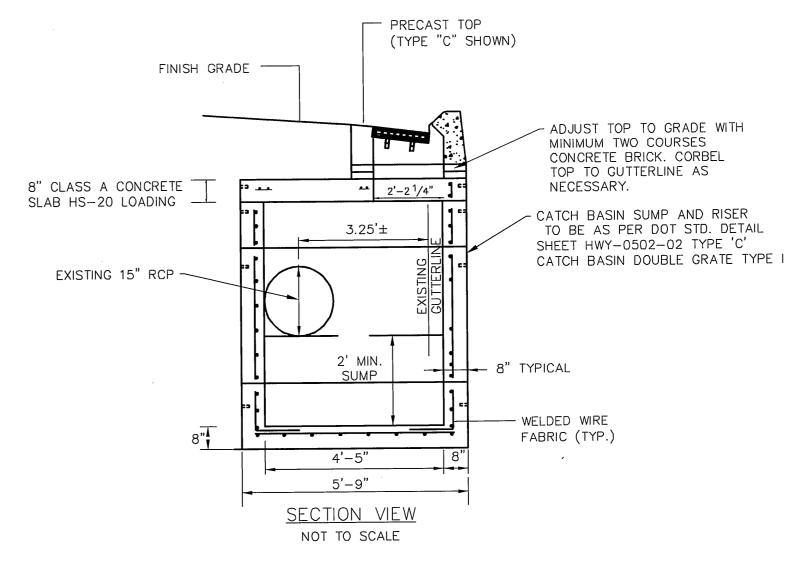
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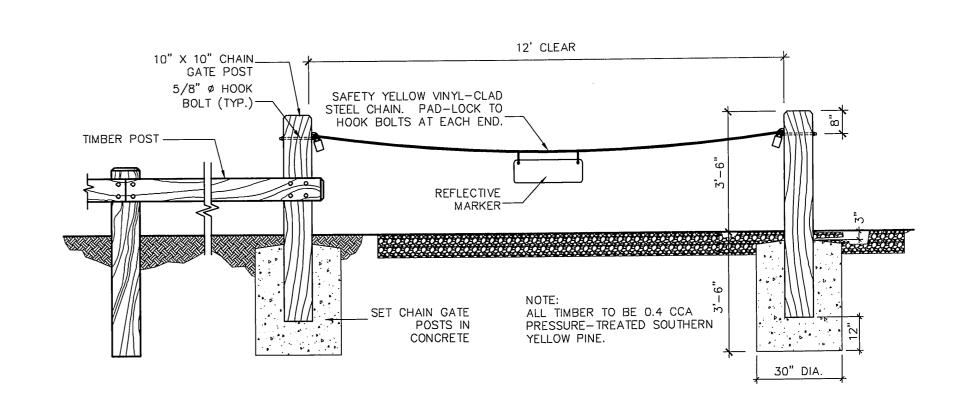




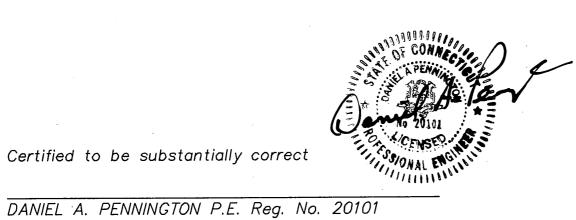




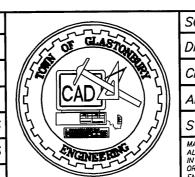
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DETAILS DEPICTING
PROPOSED SIDEWALKS
for
NAUBUC AVENUE
GLASTONBURY, CONNECTICUT

SHEET NO.

