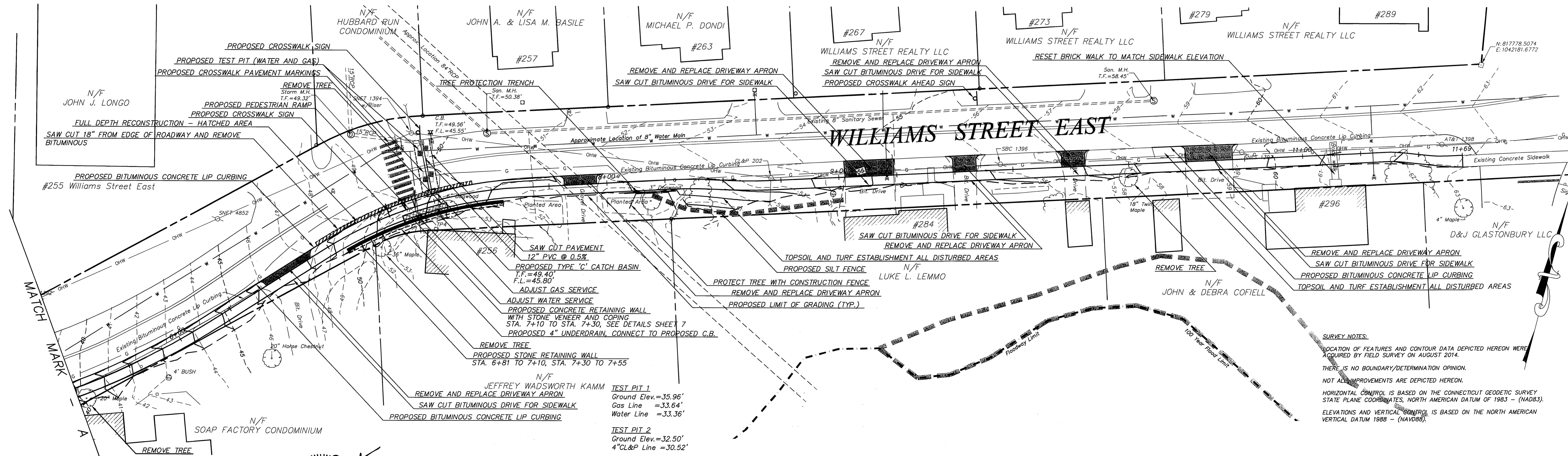
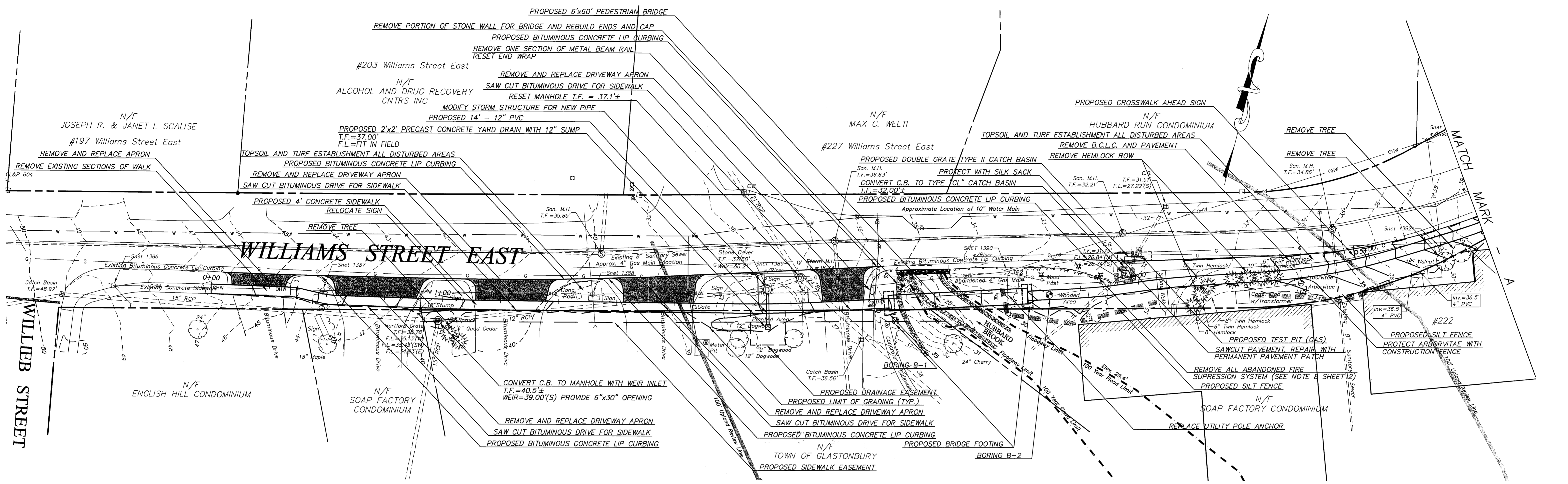


FILE: H:\DWG\Street\Williams East\PPF-1007 Williams St East Sidewalk.dwg USER: Steven Troy DATE: 6/20/15

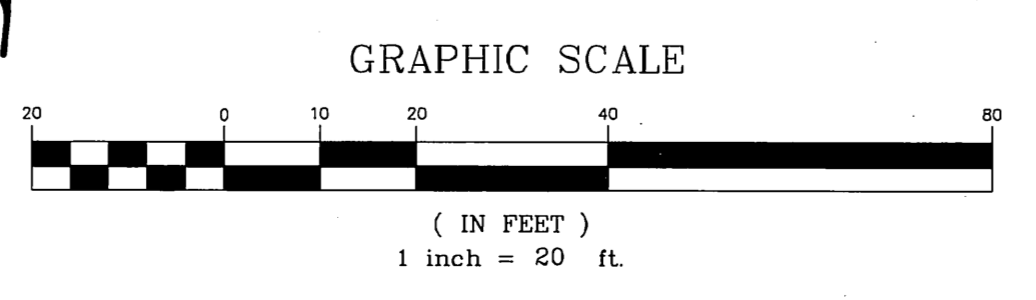


- TEST PIT 1**
Ground Elev. = 35.96'
Gas Line = 33.64'
Water Line = 33.36'
- TEST PIT 2**
Ground Elev. = 32.50'
4"CL&P Line = 30.52'
- TEST PIT 3**
Ground Elev. = 51.36'
Water Line = 46.11'
- TEST PIT 4**
Ground Elev. = 51.98'
Gas Line = 50.02'
Water Line = 50.74'

SURVEY NOTES:
LOCATION OF FEATURES AND CONTOUR DATA DEPICTED HEREON WERE ACQUIRED BY FIELD SURVEY ON AUGUST 2014.
THERE IS NO BOUNDARY/DETERMINATION OPINION.
NOT ALL IMPROVEMENTS ARE DEPICTED HEREON.
HORIZONTAL CONTROL IS BASED ON THE CONNECTICUT GEODETIC SURVEY STATE PLANE COORDINATES, NORTH AMERICAN DATUM OF 1983 - (NAD83).
ELEVATIONS AND VERTICAL CONTROL IS BASED ON THE NORTH AMERICAN VERTICAL DATUM 1988 - (NAVD88).

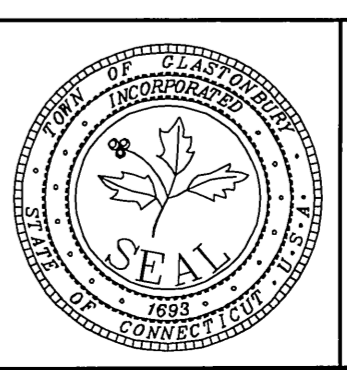
Certified to be substantially correct

DANIEL A. PENNINGTON P.E. Reg. No. 20101



DRAWING ISSUE STATUS		
NO.	DESCRIPTION	DATE
2.	ISSUED FOR CONSTRUCTION	6-3-2015
1.	ISSUED FOR PERMITTING	2-25-2015

SCALE:	AS SHOWN	DATE:	
DRAWN BY:	S. Troy	1-6-2015	
CHECKED BY:	S.M.B.	1-15-2015	
APPROVED BY:	D.A.P.	1-15-2015	



PLAN
DEPICTING PROPOSED
SIDEWALK IMPROVEMENTS
located on
WILLIAMS STREET EAST
GLASTONBURY, CONNECTICUT

SHEET NO. **1** OF 7

FILE: F:\DWG\Sheet\Williams St East\Williams St East Sidewalk.dwg USER: Steven Troy DATE: 6/23/15

PROJECT NARRATIVE:
 THIS PROJECT INCLUDES THE CONSTRUCTION OF APPROXIMATELY 1,169 LINEAR FEET OF NEW FOUR-FOOT-WIDE CONCRETE SIDEWALKS ALONG WILLIAMS STREET EAST BETWEEN WILLIEB STREET AND NEW LONDON TURNPIKE. TOTAL AREA OF DISTURBANCE IS APPROXIMATELY 0.5 ACRES.

WETLAND AREAS IDENTIFIED ALONG THE PROJECT ARE LIMITED TO THOSE ASSOCIATED WITH HUBBARD BROOK. THE 100-YEAR FLOOD ZONE FOR HUBBARD BROOK EXTENDS TO ELEVATION 29.4.

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:

- 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.
- 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 CONTROL SYSTEM.
- 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.
- 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.
- THE 100 YEAR FLOOD ELEVATION FOR HUBBARD BROOK IS 29.4. THE CONTRACTOR SHALL MONITOR WEATHER FORECASTS AND 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 PLAN.

GENERAL SEDIMENTATION AND EROSION CONTROL REQUIREMENTS:

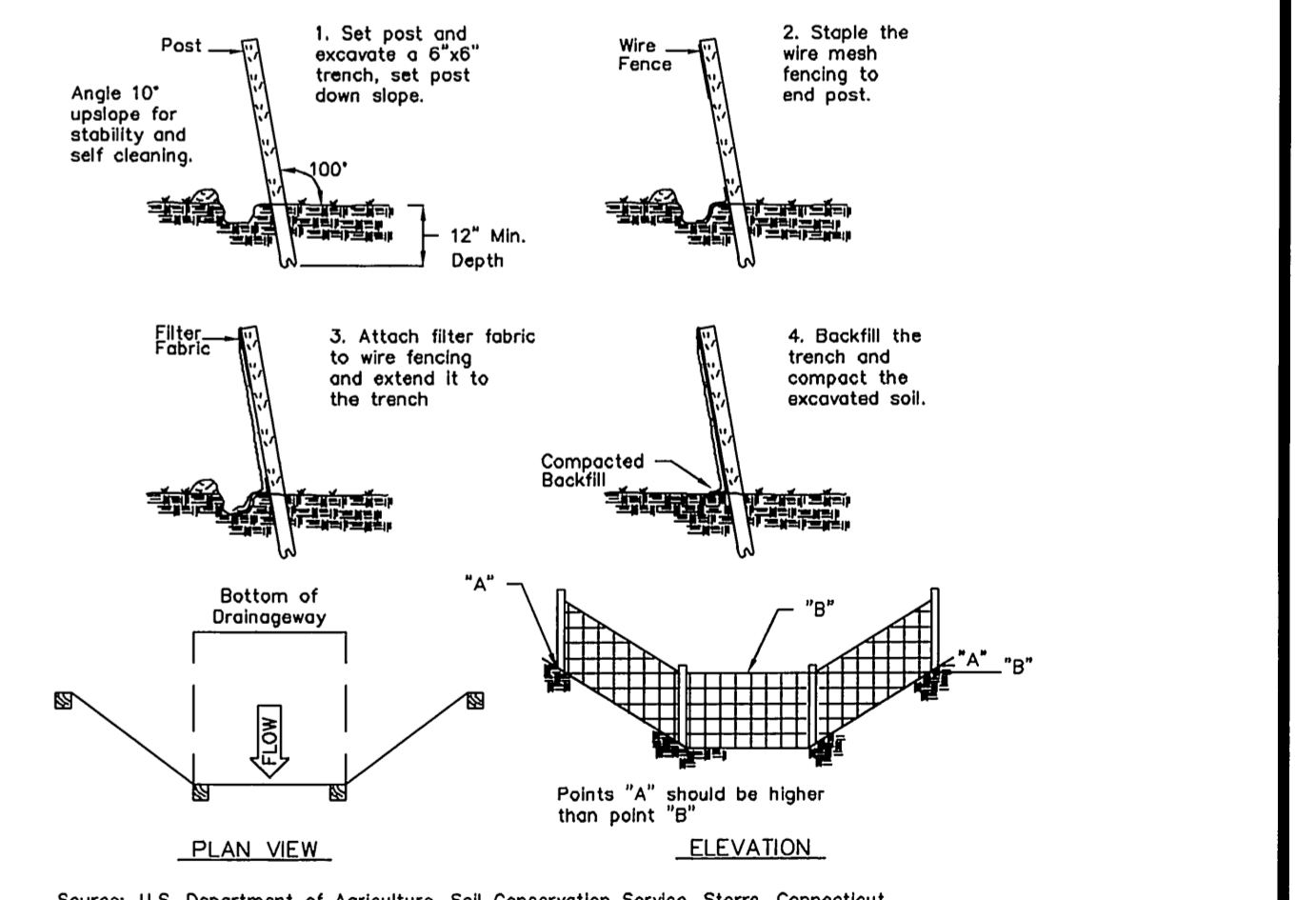
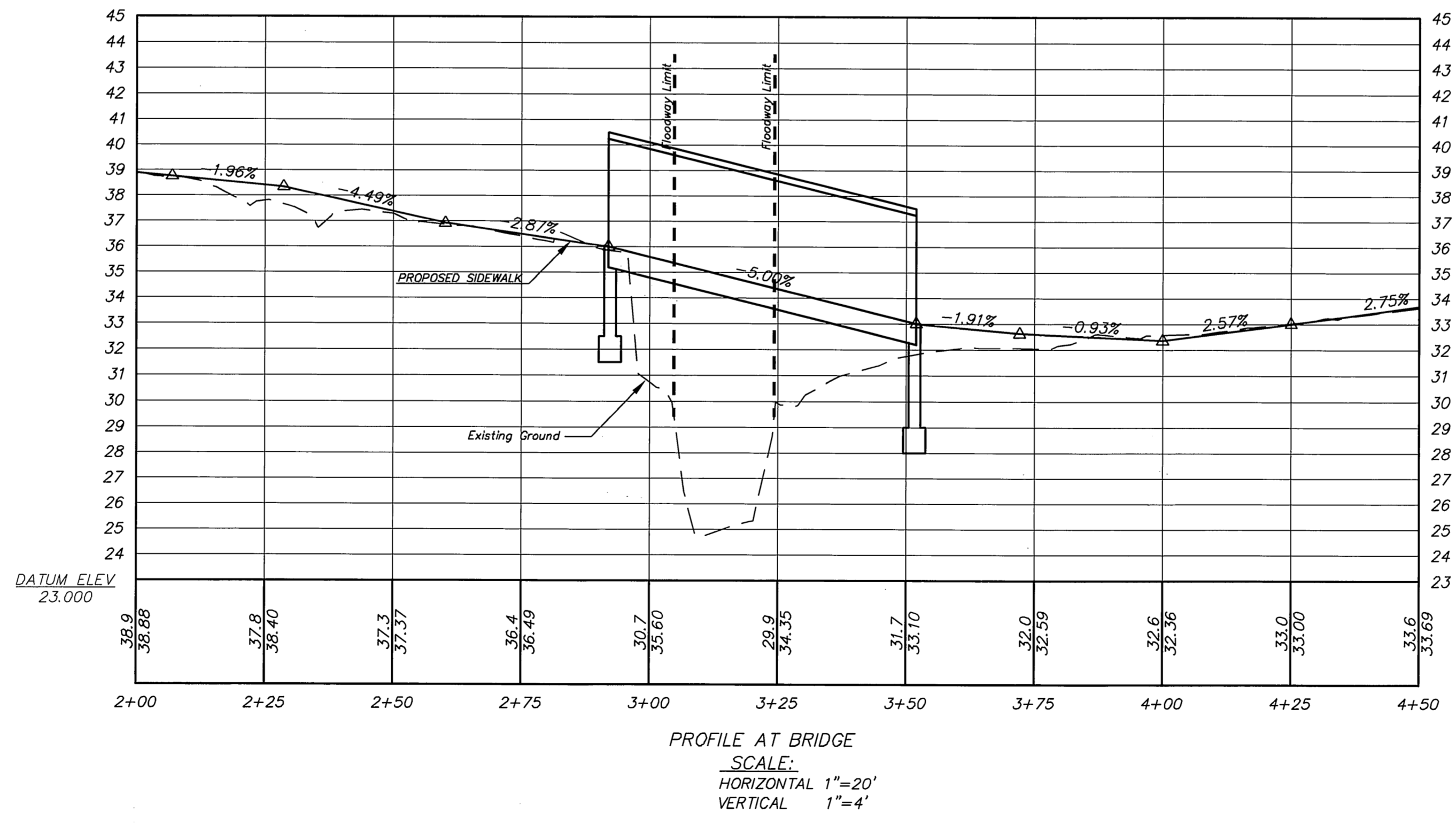
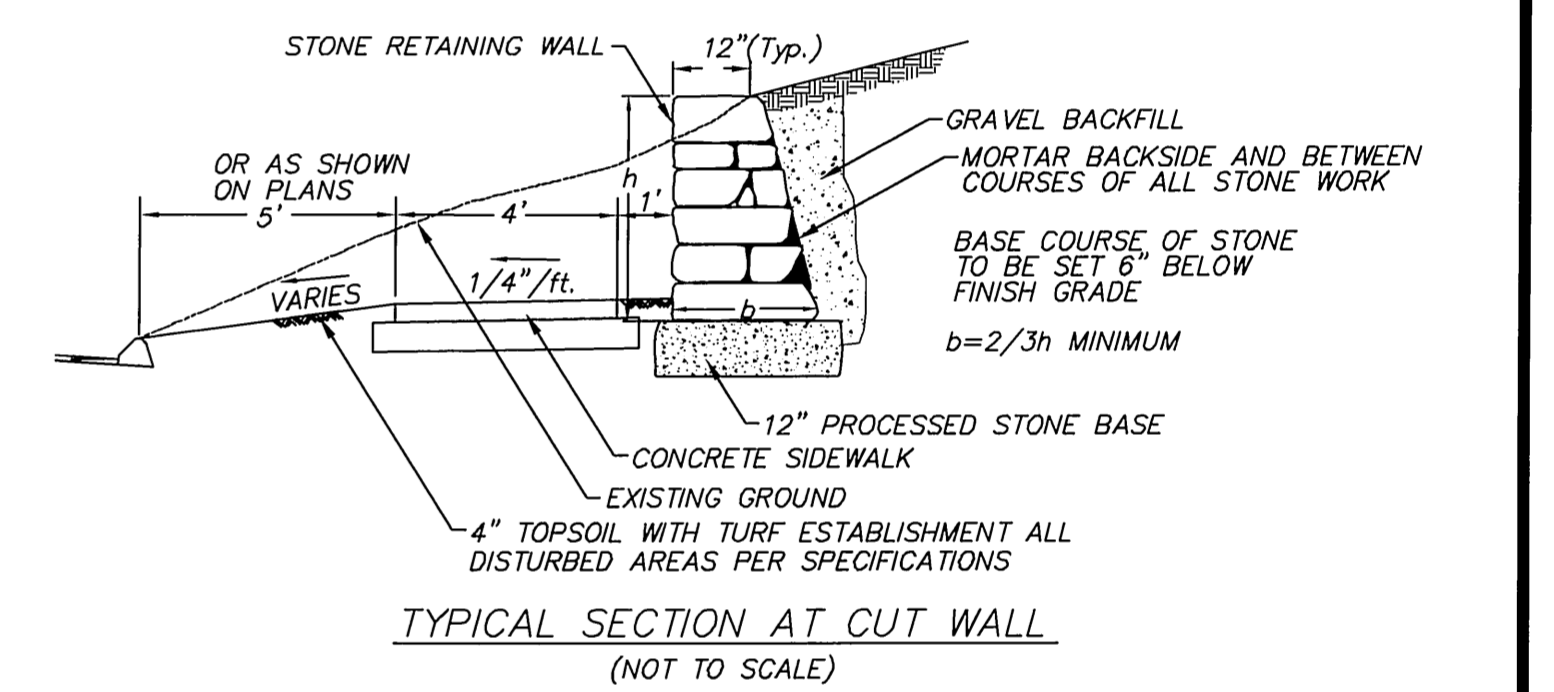
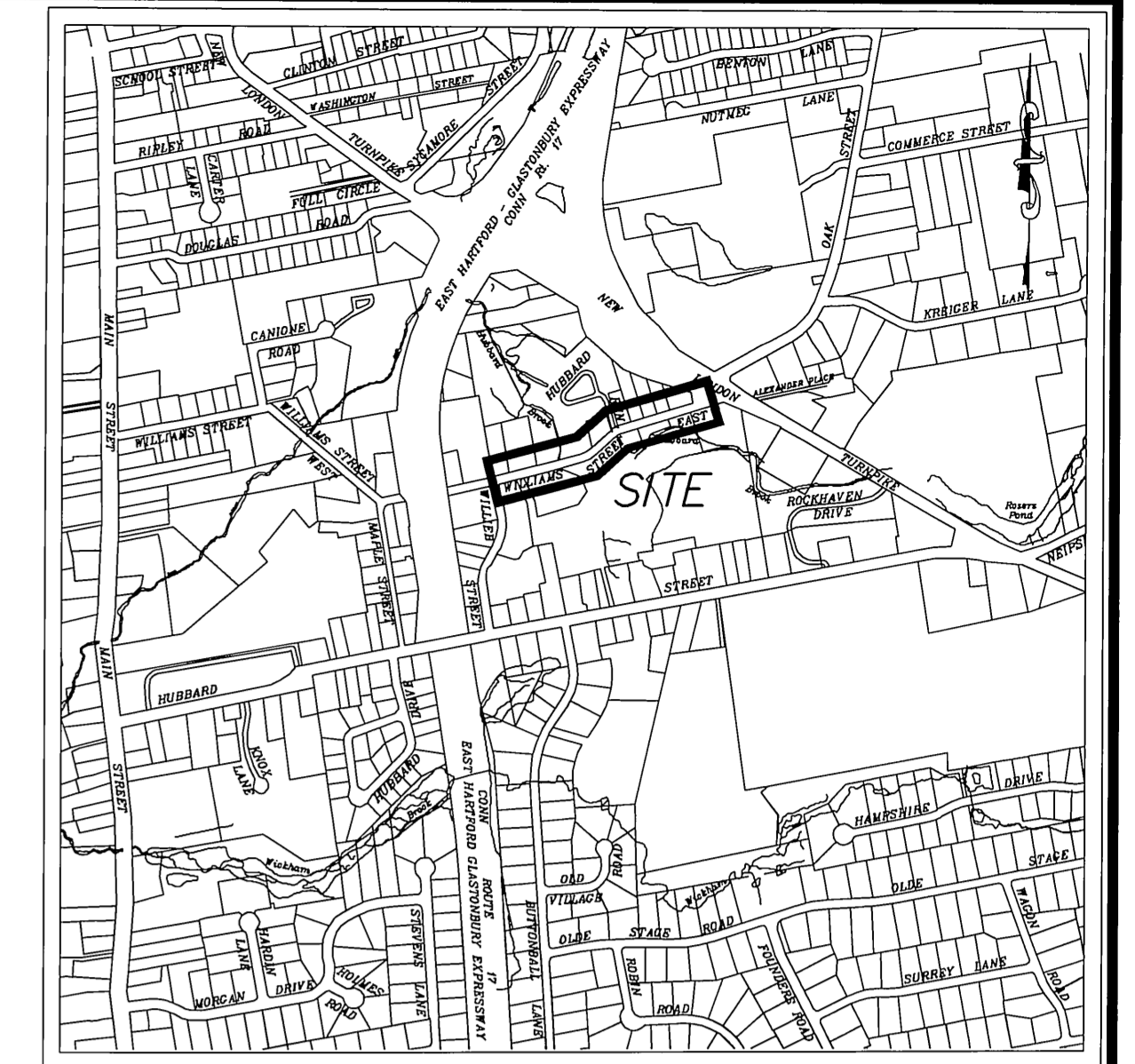
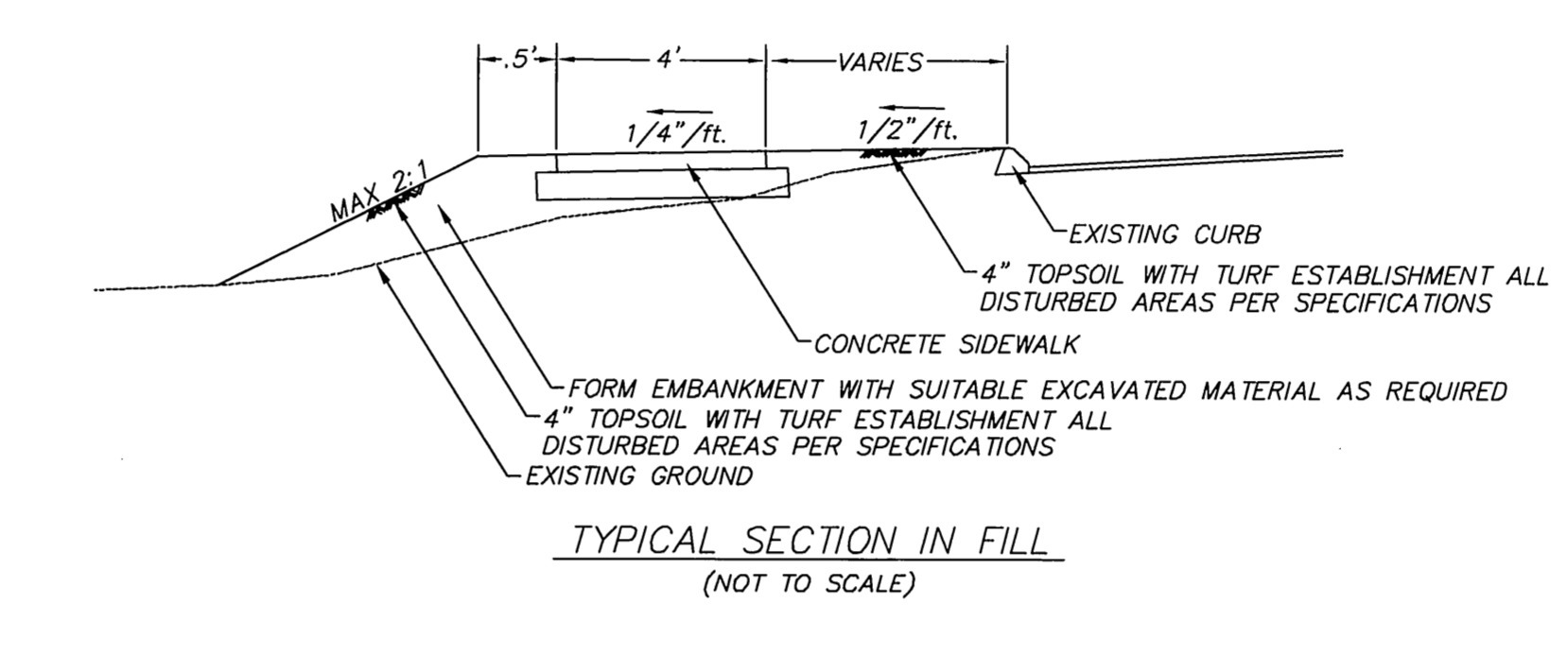
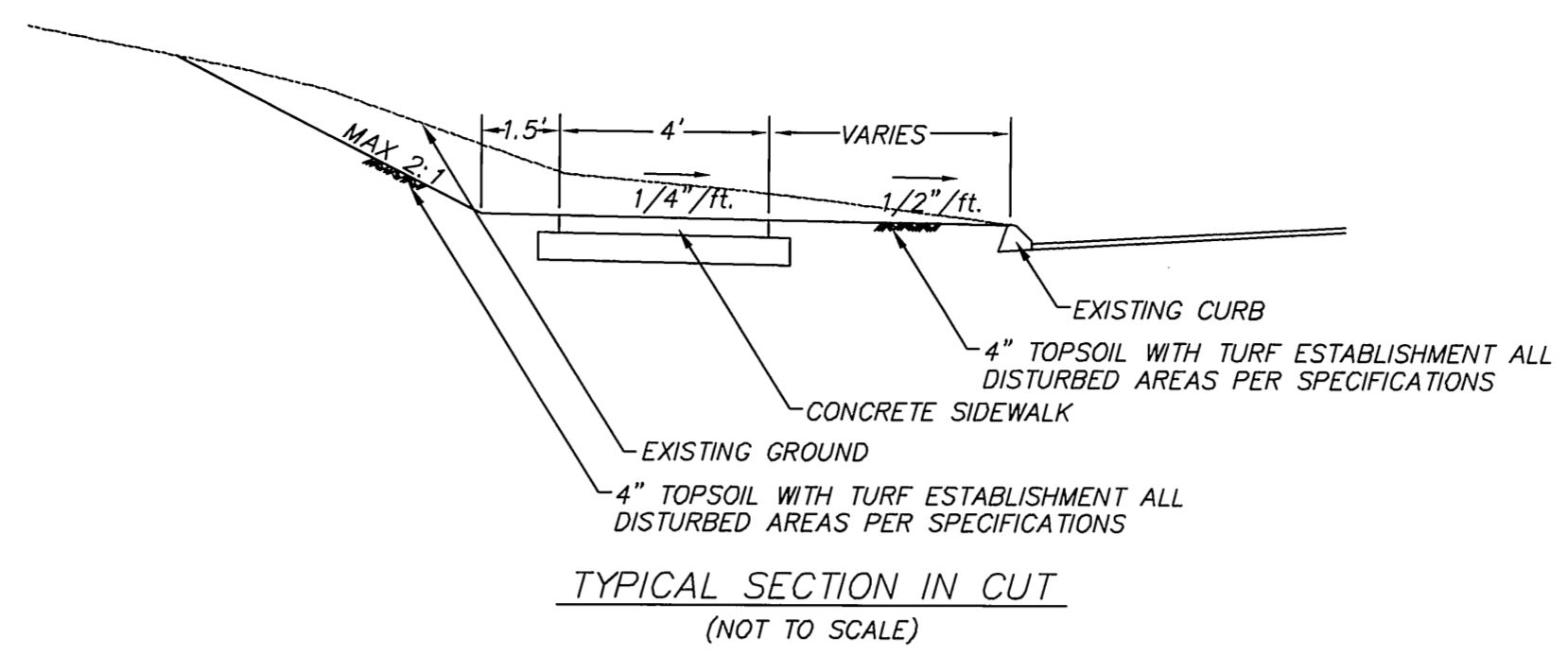
THESE GUIDELINES SHALL APPLY TO ALL WORK CONSISTING OF ANY AND ALL TEMPORARY AND/OR PERMANENT MEASURES TO CONTROL WATER POLLUTION AND SOIL EROSION AS MAY BE REQUIRED, DURING THE CONSTRUCTION OF THE PROJECT.

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.

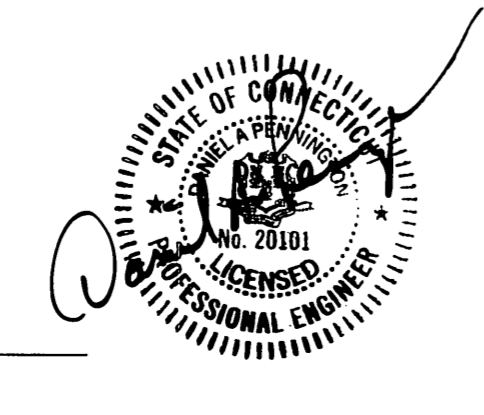
- ALL CONTROL MEASURES SHALL BE INSTALLED AS NOTED ABOVE AND AS SHOWN ON THE PLANS.
- ALL CONTROL MEASURES SHALL BE INSPECTED AND APPROVED BY THE ENGINEER PRIOR TO COMMENCEMENT OF ANY WORK, INCLUDING PRE-CONSTRUCTION CLEARING AND GRUBBING.
- ALL CONTROL MEASURES SHALL BE MAINTAINED AND UPGRADED AS REQUIRED TO ACHIEVE PROPER SEDIMENT CONTROL THROUGHOUT THE CONSTRUCTION PERIOD AND UNTIL DISTURBED AREAS HAVE BEEN THOROUGHLY STABILIZED.
- 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.
- 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 UNDISTURBED.
- 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.
- 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 REGULATIONS.
- 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.

- CONSTRUCTION NOTES:**
- 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.
 - 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.
 - 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.
 - 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.
 - INSTALLATION OF TREE PROTECTION TRENCH AND ADDITIONAL HAND PRUNING OF ROOTS DISTURBED DURING EXCAVATION SHALL BE PERFORMED BY A CT LICENSED ARBORIST.
 - INSTALL SILT SACKS IN CATCH BASINS ADJACENT TO WORK AREA FOR PROTECTION OF INLETS FROM SEDIMENTATION.
 - PROPOSED PAVEMENT MARKINGS AND SIGNS ARE NOT INCLUDED IN THIS CONTRACT.
 - REMOVAL OF ABANDONED FIRE SUPPRESSION SYSTEM EQUIPMENT IN FRONT OF #222 TO A MINIMUM OF 12" BELOW EXISTING GRADE WILL NOT BE MEASURED FOR PAYMENT. RATHER, THIS WORK IS INCLUDED UNDER THE "PREPARATION OF SITE" PAY ITEM.

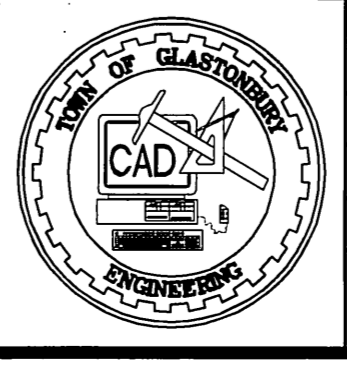


Certified to be substantially correct

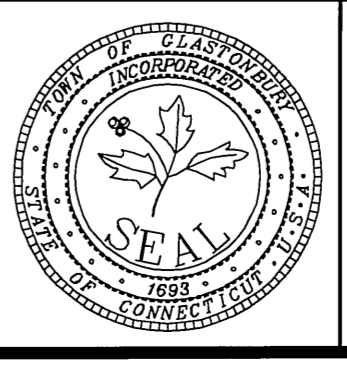
DANIEL A. PENNINGTON P.E. Reg. No. 20101



DRAWING ISSUE STATUS	
2.	ISSUED FOR CONSTRUCTION 6-3-2015
1.	ISSUED FOR PERMITTING 2-25-2015
NO.	DESCRIPTION DATE



SCALE: AS SHOWN	DATE: 1-6-2015
DRAWN BY: S. Troy	1-6-2015
CHECKED BY: S.M.B.	1-15-2015
APPROVED BY: D.A.P.	1-15-2015
ST. FILE:	

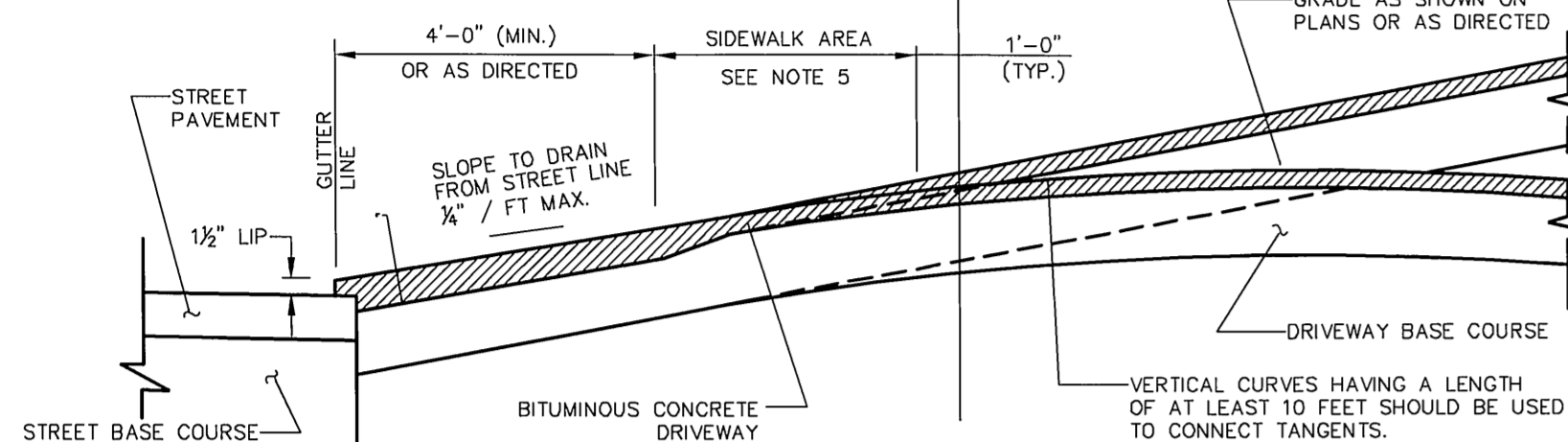
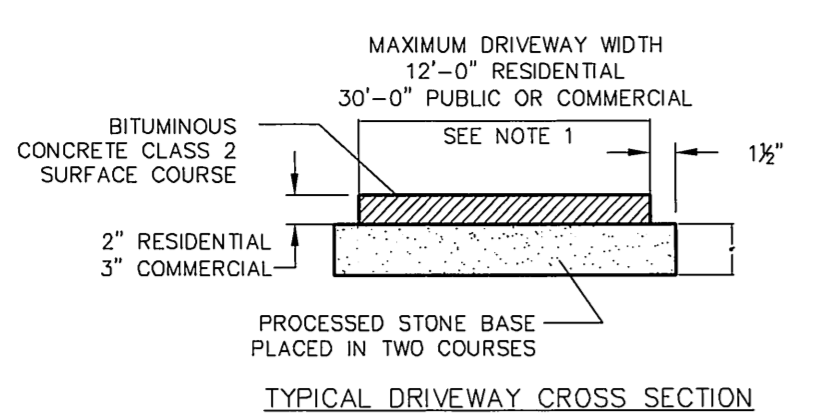


DETAILS
 DEPICTING PROPOSED
 SIDEWALK IMPROVEMENTS
 located on
WILLIAMS STREET EAST
GLASTONBURY, CONNECTICUT

SHEET NO.
2
 OF 7

FILE: H:\DWG\Struct\Williams St East Sidewalk\PRF-1007 Williams St East Sidewalk.dwg USER: Socrates Troy DATE: 6/2/2015

- NOTES:**
1. PRIVATE RESIDENTIAL DRIVEWAYS SHALL NOT EXCEED 12 FEET IN WIDTH AND PUBLIC OR COMMERCIAL DRIVEWAYS SHALL NOT EXCEED 30 FEET IN WIDTH UNLESS PRIOR APPROVAL IS GIVEN BY THE TOWN MANAGER.
 2. DRIVEWAYS SHALL NOT BE CONSTRUCTED WITHIN 20 FEET OF AN INTERSECTION OR 4 FEET OF A CROSS WALK.
 3. NO TWO DRIVEWAYS SHALL BE CONSTRUCTED CLOSER THAN 8 FEET APART WHEN MEASURED AT THE GUTTER LINE OF THE STREET.
 4. WHERE DRIVEWAYS CROSS EXISTING ROADSIDE DITCHES OR WATERCOURSES, CULVERTS SHALL BE INSTALLED PER SECTION 17-159 OF THE TOWN ORDINANCE.
 5. IF CONCRETE SIDEWALKS ARE CALLED FOR THIS AREA SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD SIDEWALK DETAIL.
 6. A 12" MINIMUM BITUMINOUS OR CONCRETE APRON SHALL BE INSTALLED WHEN DRIVEWAYS ARE CONSTRUCTED USING CONCRETE OR BRICK PAVERS.

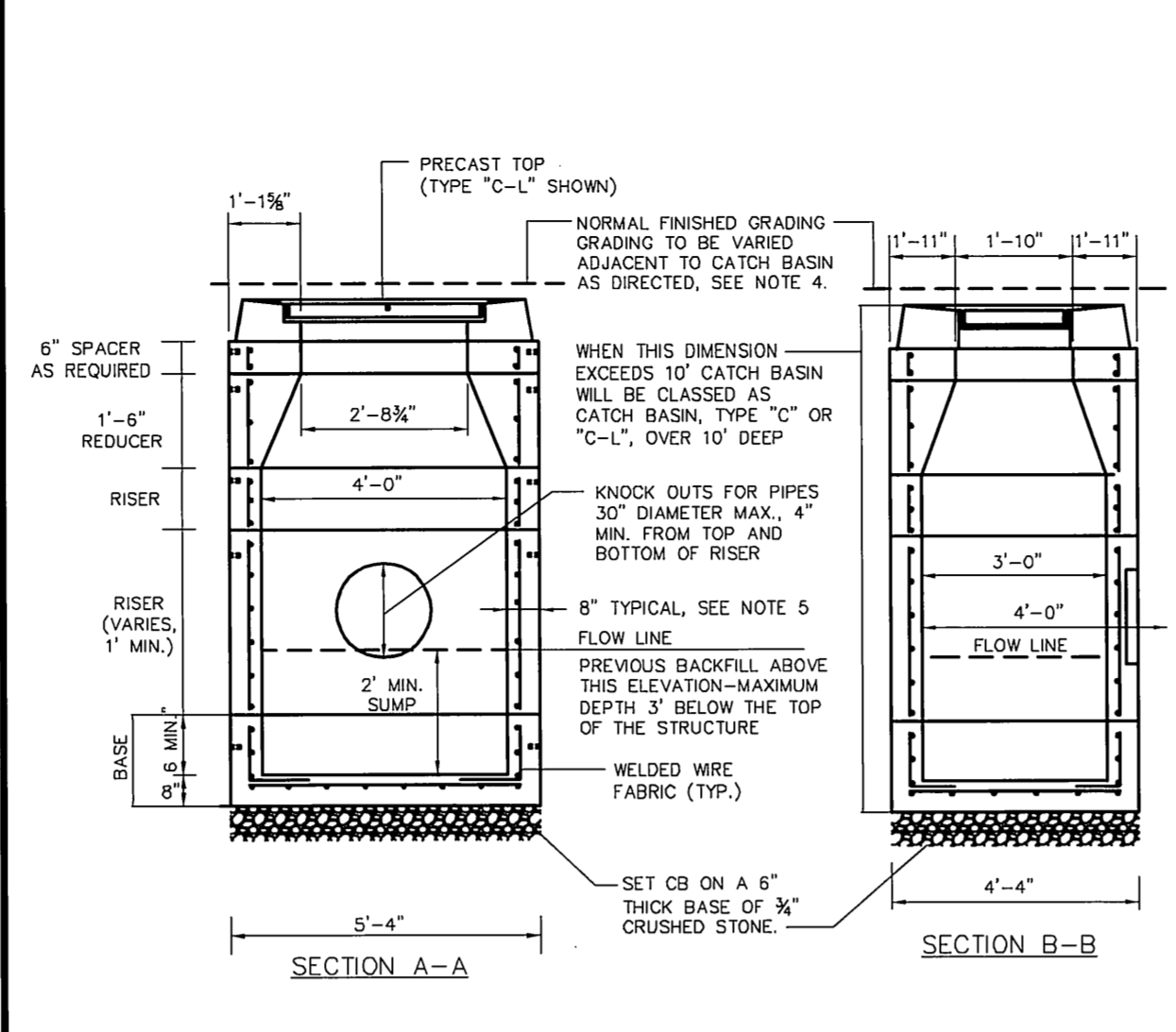


SCALE: NONE
 DRAWN BY: SR
 CHECKED BY: S.M.B.
 APPROVED BY: D.A.P.
 LAST REVISED: 4/29/2008

TOWN OF GLASTONBURY
 DEPARTMENT OF PHYSICAL SERVICES
 ENGINEERING DIVISION

BITUMINOUS CONCRETE DRIVEWAY

PLATE NO. 8



- NOTES:**
1. PRECAST CATCH BASIN TOPS MUST BE PROPERLY ALIGNED AS SHOWN AND SHALL CONFORM TO CONDOT STANDARD DETAIL SHEETS 507-1 AND 507-2. CAPE COD CATCH BASIN TOPS SHALL HAVE AN OPEN THROAT.
 2. ALL FRAMES AND GRATES SHALL BE GALVANIZED. FOR DETAILS OF FRAMES AND GRATES, SEE CONDOT STANDARD DETAIL SHEET 507-K.
 3. DOUBLE GRATE CATCH BASINS SHALL CONFORM TO CONDOT STANDARD DETAIL SHEETS 507-D AND 507-E.
 4. WHEN TYPE 'C' CATCH BASINS ARE CONSTRUCTED IN PAVEMENT, THE NORMAL CUTTER OF THE ROADWAY SHALL BE VARIED TO PROVIDE AN ADDITIONAL 2-INCH DEEPENED GUTTER AT THE CATCH BASIN.
 5. WALL THICKNESS TO BE 12 INCHES WHEN HEIGHT OF STRUCTURE EXCEEDS 10 FEET FROM TOP OF FRAME TO BOTTOM OF BASE.
 6. CATCH BASINS LEFT ABOVE THE FINISHED CUTTER GRADE FOR THE WINTER MUST BE PROPERLY SHIMMED FOR PLOWING AS SHOWN IN PLATE 4.
 7. MORTAR MIX SHALL NOT CONTAIN LIME.
 8. ENDS OF PIPE SHALL BE SAWCUT FLUSH WITH INSIDE WALLS.
 9. IF CONCRETE MASONRY UNITS ARE USED THE FOLLOWING ADDITIONAL REQUIREMENTS SHALL BE MET:
 - MAXIMUM CORREL SHALL NOT EXCEED 2 INCHES.
 - WHERE NECESSARY, BLOCKS MAY BE CUT OR CONCRETE BRICK USED (NO RED BRICK PERMITTED).
 - CORNERS SHALL BE SQUARE, COURSES LEVEL, AND JOINTS PROPERLY STAGGERED.
 - VOIDS IN EXTERIOR WALLS SHALL BE GROUTED, AND CORBELS SHALL BE WEDGED.

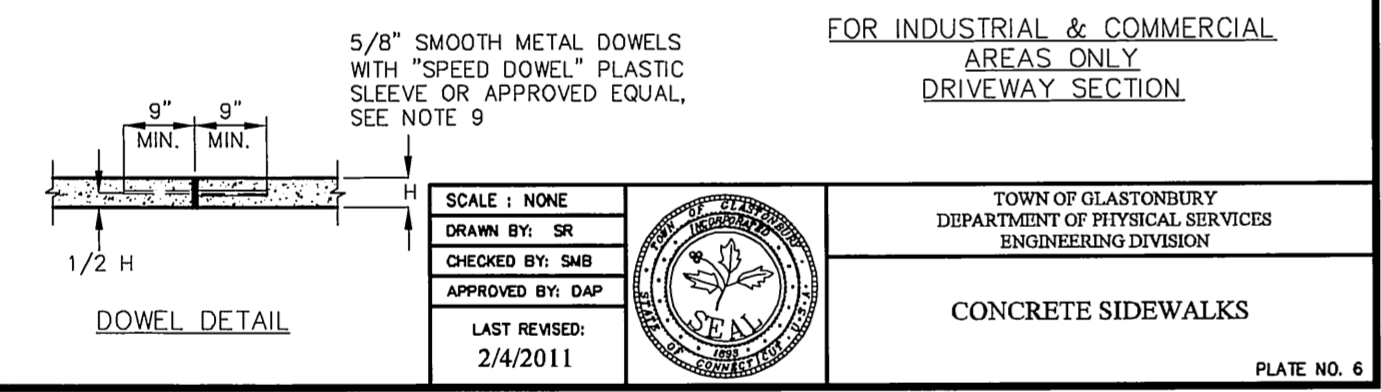
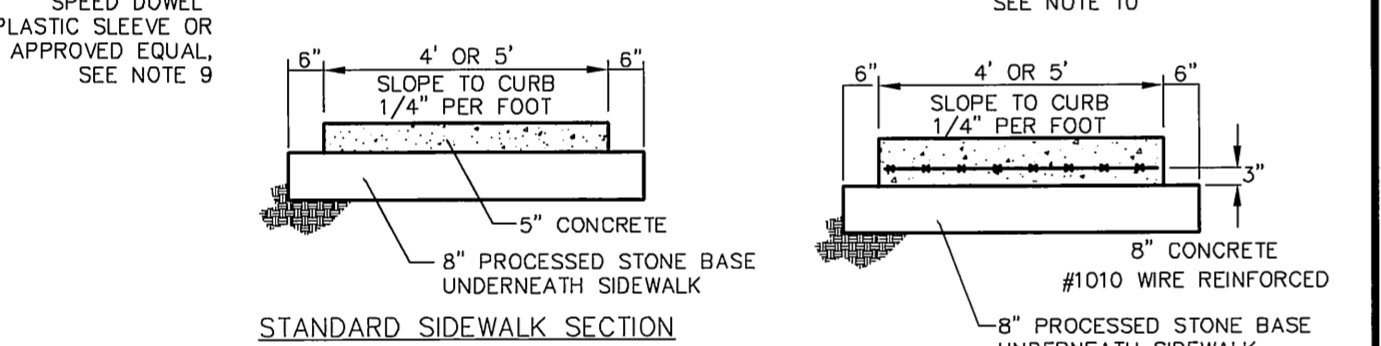
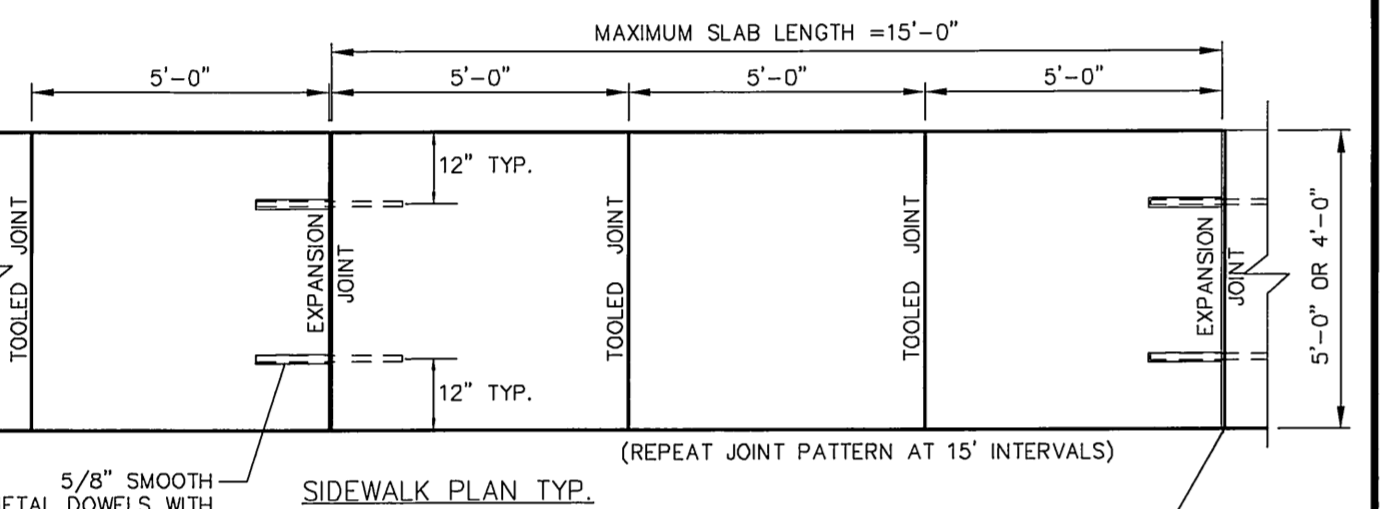
SCALE: NONE
 DRAWN BY: SR
 CHECKED BY: S.M.B.
 APPROVED BY: D.A.P.
 LAST REVISED: 3/10/2014

TOWN OF GLASTONBURY
 DEPARTMENT OF PHYSICAL SERVICES
 ENGINEERING DIVISION

CATCH BASIN

PLATE NO. 21

- NOTES:**
1. CONCRETE SHALL BE CONDOT CLASS F, (4,000 PSI, 28 DAY STRENGTH).
 2. FORMS ARE TO BE SET TRUE TO LINE AND GRADE ON WELL COMPACTED BASE. FORMS SHALL BE 5" STEEL OR 2X8" LUMBER.
 3. PROPER FINISHING PROCEDURES WILL BE FOLLOWED INCLUDING JOINTING, EDGING, AND BROOMING. A FINE BRISTLE BROOM SHOULD BE USED. ALL EDGING TOOL IMPRINTS SHOULD BE STEEL TROWLED PRIOR TO BROOMING.
 4. CURING COMPOUND MAY BE REQUIRED AS DIRECTED BY THE ENGINEER.
 5. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT SURFACE FROM DAMAGE.
 6. WALKS SHALL BE BACKFILLED AS SOON AS FORMS ARE REMOVED.
 7. ALL CONCRETE SIDEWALK SLABS SHALL BE RECTANGULAR IN SHAPE. NO FIGURE L SLABS ARE TO BE CONSTRUCTED.
 8. SIDEWALK SLABS SHOULD NOT EXCEED 5' IN WIDTH. IF SIDEWALK SLABS GREATER THAN 5' IN WIDTH ARE TO BE CONSTRUCTED, A LONGITUDINAL EXPANSION JOINT SHALL BE CONSTRUCTED TO FORM ACCEPTABLE SLABS.
 9. INSERT METAL DOWELS AT ALL EXPANSION JOINTS, AT SIDEWALK RAMPS, AND AT THE LAST SLAB POURED AT THE END OF THE WORKING DAY. DOWELS SHALL ALSO BE INSTALLED BETWEEN NEW AND EXISTING CONCRETE SLABS.
 10. EXPANSION JOINT SHALL BE 3/8" ASPHALT IMPREGATED CELLULAR FIBER AND OF A DIMENSION EQUAL TO THE FULL SLAB DEPTH.

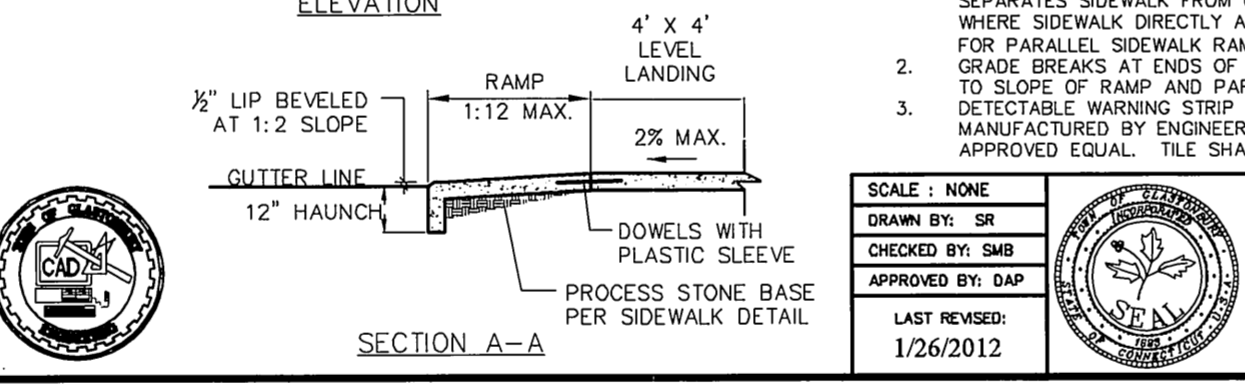
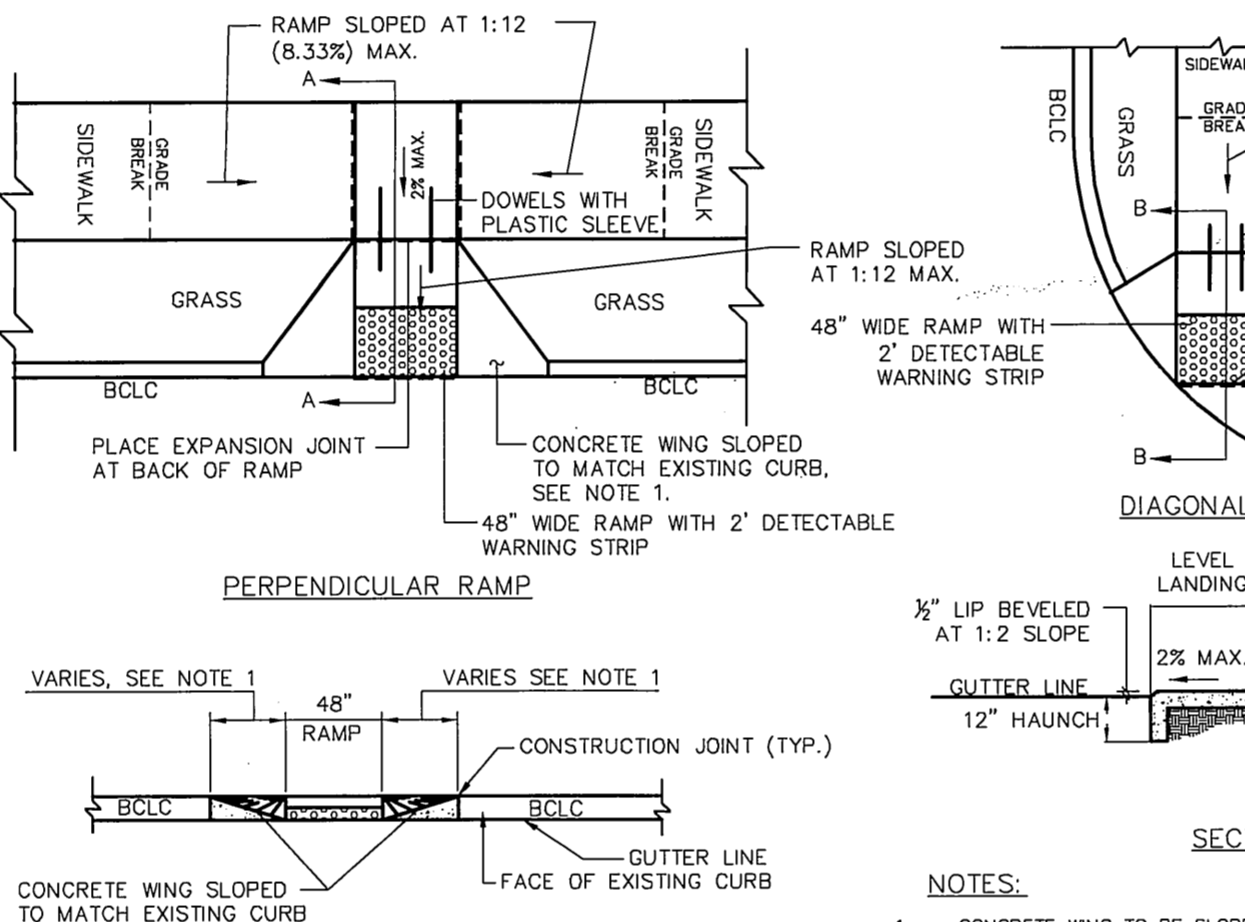


SCALE: NONE
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 CHECKED BY: S.M.B.
 APPROVED BY: D.A.P.
 LAST REVISED: 2/4/2011

TOWN OF GLASTONBURY
 DEPARTMENT OF PHYSICAL SERVICES
 ENGINEERING DIVISION

CONCRETE SIDEWALKS

PLATE NO. 6

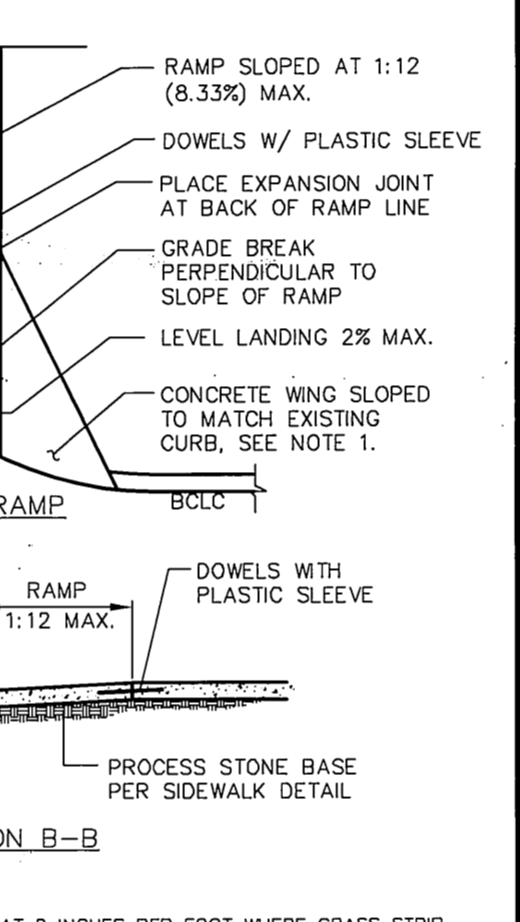


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 LAST REVISED: 1/26/2012

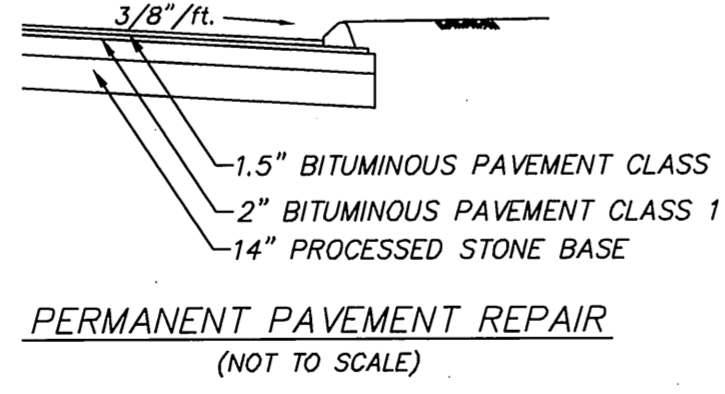
TOWN OF GLASTONBURY
 DEPARTMENT OF PHYSICAL SERVICES
 ENGINEERING DIVISION

CONCRETE SIDEWALK RAMPS

PLATE NO. 7



- NOTES:**
1. CONCRETE WING TO BE SLOPED AT 2 INCHES PER FOOT WHERE GRASS STRIP SEPARATES SIDEWALK FROM CURB. SLOPE WING AT 1 INCH PER FOOT WHERE SIDEWALK DIRECTLY ABUTS CURB. SEE CONDOT STANDARD DETAILS FOR PARALLEL SIDEWALK RAMP (TYPE 1).
 2. GRADE BREAKS AT ENDS OF 1:12 RAMP SHALL ALWAYS BE PERPENDICULAR TO SLOPE OF RAMP AND PARALLEL TO EACH OTHER.
 3. DETECTABLE WARNING STRIP SHALL BE PREFABRICATED SURFACE TILE AS MANUFACTURED BY ENGINEERED PLASTICS INC., ADA FABRICATORS INC. OR APPROVED EQUAL. TILE SHALL BE BRICK RED IN COLOR.



CLARENCE WELTI ASSOC., INC. CLIENT				PROJECT NAME PROPOSED PEDESTRIAN BRIDGE OVER HUBBARD BROOK			
P.O. BOX 397 GLASTONBURY, CONN 06033				LOCATION WILLIAMS STREET, GLASTONBURY, CT			
LENARD ENGINEERING				SURFACE ELEVATION			
AUGER	CASING	SAMPLER	CORE BAR	OFFSET	LINE & STA.	GROUND WATER OBSERVATIONS	START DATE
HSA		SS				AT 9.5 FT. AFTER 0 HOURS	1/16/15
TYPE	SIZE I.D.	SIZE I.D.	SIZE I.D.	SIZE I.D.	N. COORDINATE	AT FT. AFTER	HOURS
3.75"	1.375"	1.375"	1.375"	1.375"			
HAMMER WT.		140 lbs			E. COORDINATE		FINISH DATE
							1/16/15
HAMMER FALL		30"					
DEPTH	NO.	BLOWS/6"	DEPTH	A	STRATUM DESCRIPTION + REMARKS		ELEV.
0	1	22-12-5-5	0.00'-2.00'		TOPSOIL		0.4
					BR, DARK BR. FINE SAND, SOME SILT, TRACE FINE GRAVEL - FILL		35
	2	4-3-2-1	2.00'-4.00'				
	3	1-2-3-2	4.00'-6.00'				
5							30
	4	1-2-3	9.00'-10.50'		BR. SILT, TRACE TO LITTLE FINE SAND		8.5
10							25
	5	4-4-7	14.00'-15.50'				
15							20
	6	4-5-4	19.00'-20.50'				
20							15
	7	8-12-14	24.00'-25.50'		BR. FINE-MED. SAND, SOME SILT, LITTLE GRAVEL		22.5
25							10
	8	60	29.00'-29.25'		WEATHERED ROCK		29.25
30					AUGER REFUSAL @ 30.0'		30.0
							5
35							0

LEGEND: COL. A: SAMPLE TYPE: D=DRY A=AUGER C=CORE U=UNDISTURBED PISTON S=SPLIT SPOON PROPORTIONS USED: TRACE=0-10% LITTLE=10-20% SOME=20-35% AND=35-50%

DRILLER: J. BREWER
 INSPECTOR:

SHEET 1 OF 1 HOLE NO. B-1

CLARENCE WELTI ASSOC., INC. CLIENT				PROJECT NAME PROPOSED PEDESTRIAN BRIDGE OVER HUBBARD BROOK			
P.O. BOX 397 GLASTONBURY, CONN 06033				LOCATION WILLIAMS STREET, GLASTONBURY, CT			
LENARD ENGINEERING				SURFACE ELEVATION			
AUGER	CASING	SAMPLER	CORE BAR	OFFSET	LINE & STA.	GROUND WATER OBSERVATIONS	START DATE
HSA		SS				AT 7.5 FT. AFTER 0 HOURS	1/16/15
TYPE	SIZE I.D.	SIZE I.D.	SIZE I.D.	SIZE I.D.	N. COORDINATE	AT FT. AFTER	HOURS
3.75"	1.375"	1.375"	1.375"	1.375"			
HAMMER WT.		140 lbs			E. COORDINATE		FINISH DATE
							1/16/15
HAMMER FALL		30"					
DEPTH	NO.	BLOWS/6"	DEPTH	A	STRATUM DESCRIPTION + REMARKS		ELEV.
0	1	1-2-2-1	0.00'-2.00'		TOPSOIL		0.5
					BR, DARK BR. FINE SAND, SOME SILT, TRACE BRICK - FILL		30
	2	1-3-1-1	2.00'-4.00'				
	3	2-2-3-2	4.00'-6.00'				
5					BR. FINE SAND AND SILT		5.5
							25
	4	4-5-6	10.00'-11.50'		BR. SILT, LITTLE FINE SAND		8.5
10							20
	5	34-12-14	15.00'-16.50'		BR. FINE-MED. SAND, SOME SILT, LITTLE GRAVEL		14.5
15							15
	6	14-16-11	20.00'-21.50'				
20							10
							5
25							0
30							0
35							0

LEGEND: COL. A: SAMPLE TYPE: D=DRY A=AUGER C=CORE U=UNDISTURBED PISTON S=SPLIT SPOON PROPORTIONS USED: TRACE=0-10% LITTLE=10-20% SOME=20-35% AND=35-50%

DRILLER: J. BREWER
 INSPECTOR:

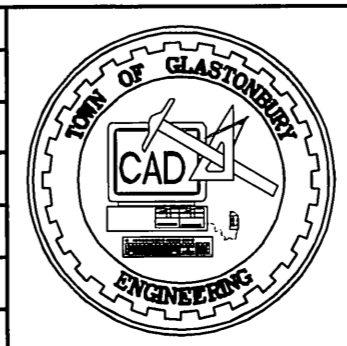
SHEET 1 OF 1 HOLE NO. B-2

Certified to be substantially correct

DANIEL A. PENNINGTON P.E. Reg. No. 20101



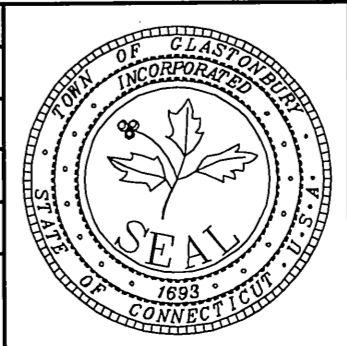
DRAWING ISSUE STATUS		
NO.	DESCRIPTION	DATE
2.	ISSUED FOR CONSTRUCTION	6-3-2015
1.	ISSUED FOR PERMITTING	2-25-2015



SCALE: AS SHOWN
 DATE: 1-6-2015
 DRAWN BY: S. Troy
 CHECKED BY: S.M.B. 1-15-2015
 APPROVED BY: D.A.P. 1-15-2015

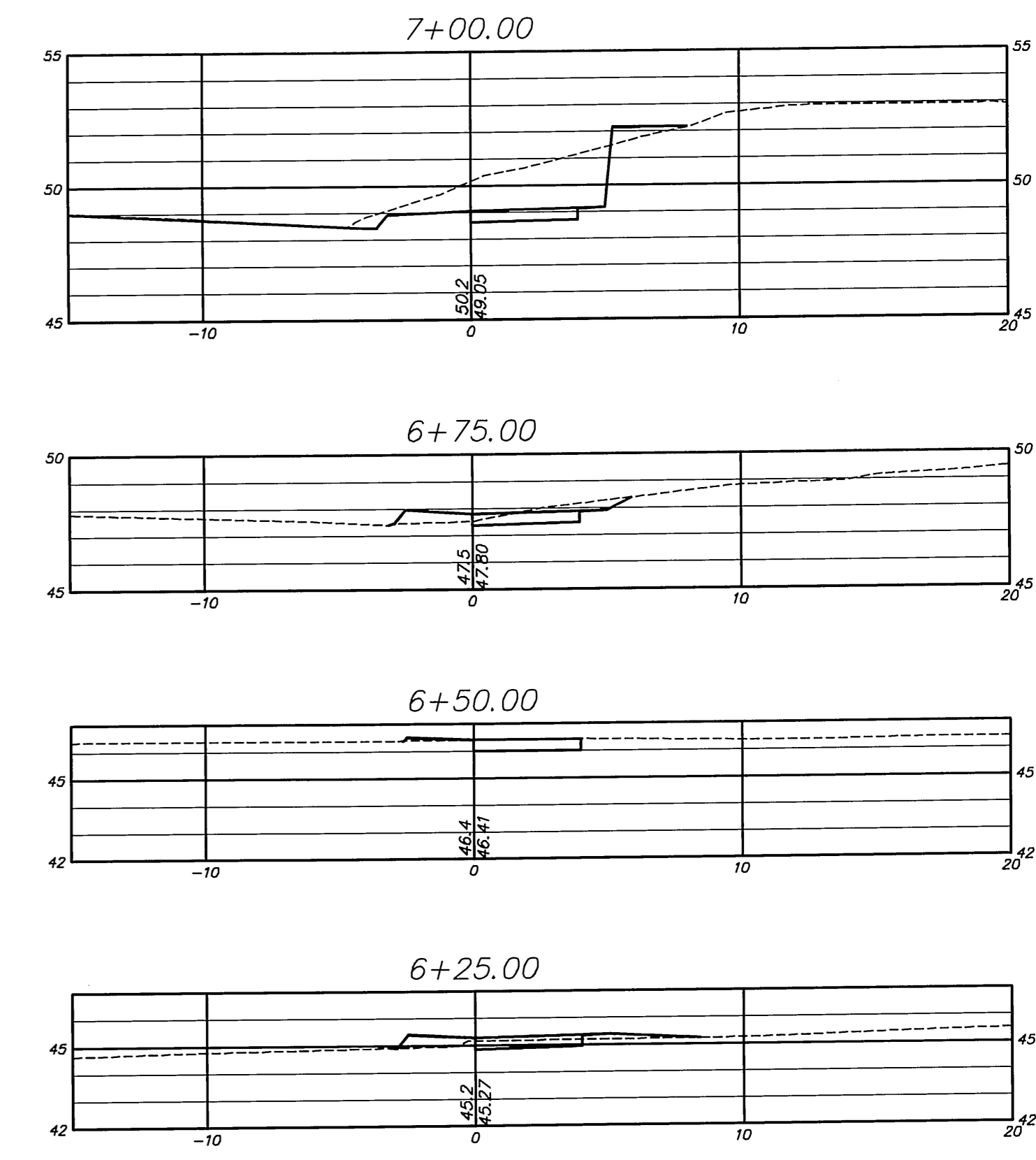
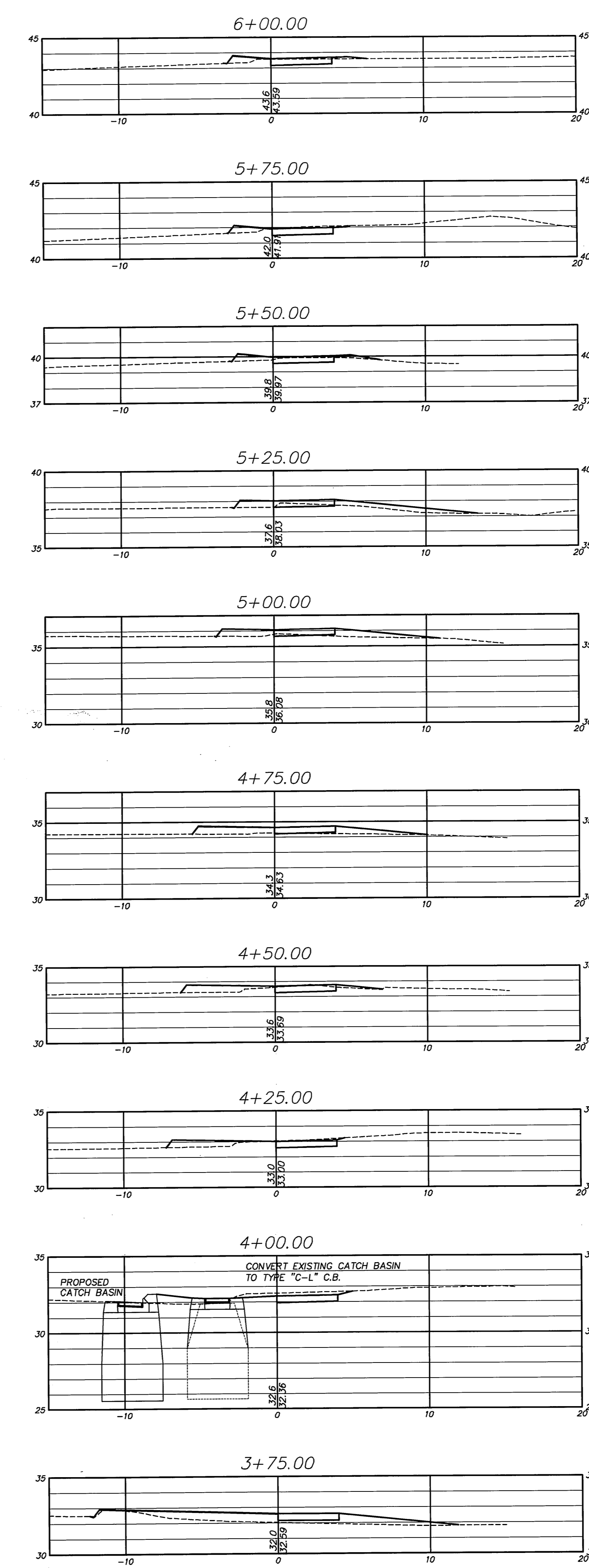
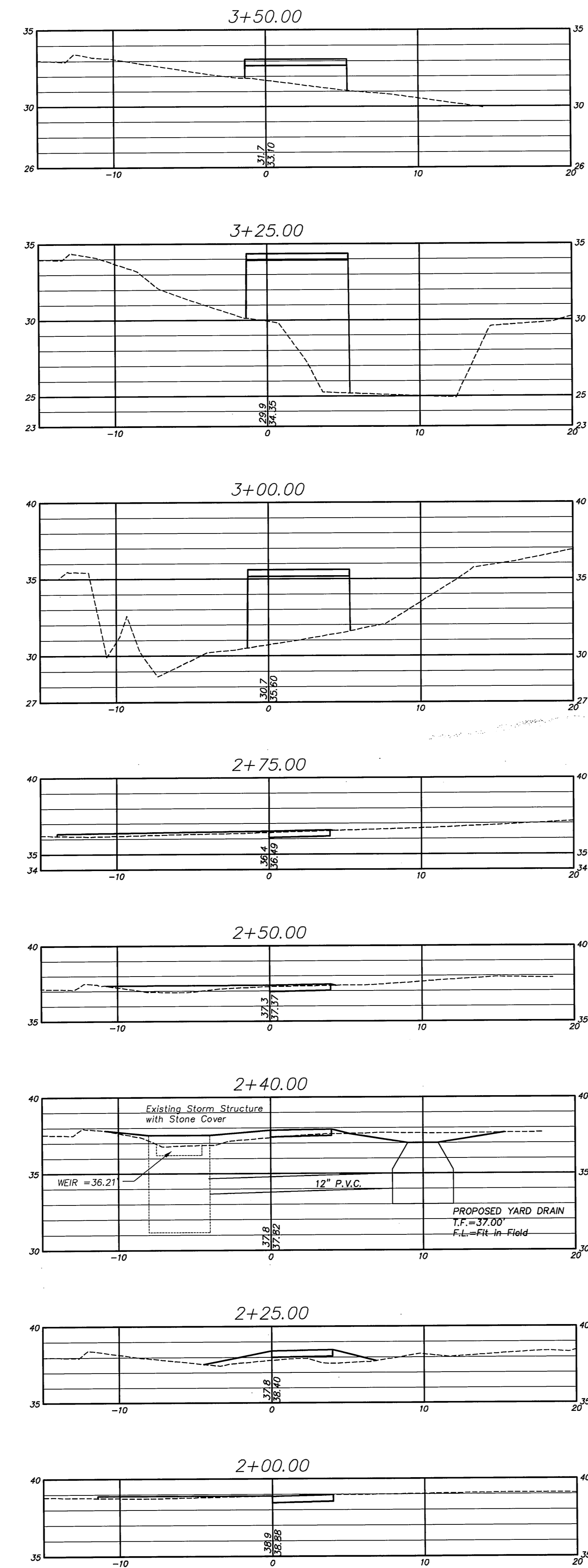
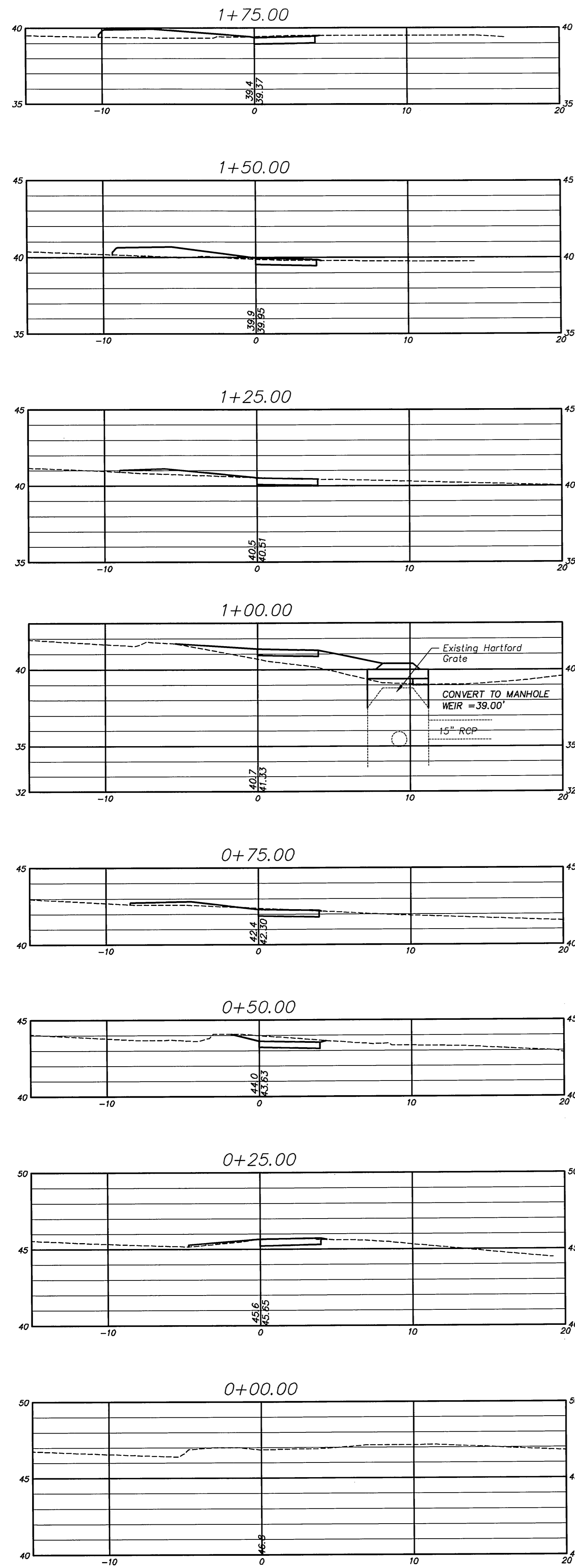
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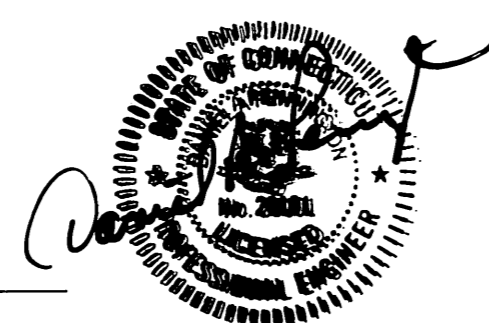
DETAILS AND BORING LOGS
 DEPICTING PROPOSED
 SIDEWALK IMPROVEMENTS
 located on
 WILLIAMS STREET EAST
 GLASTONBURY, CONNECTICUT

SHEET NO. 3 OF 7

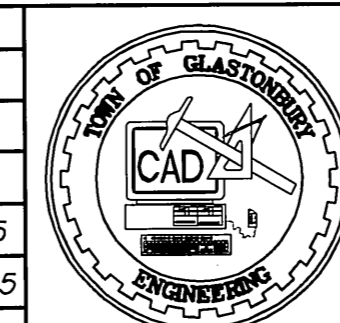


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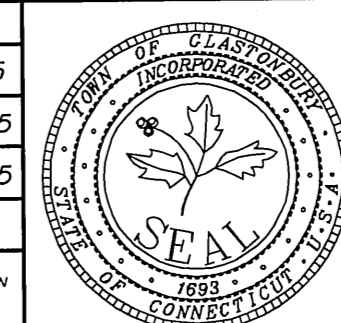
DANIEL A. PENNINGTON P.E. Reg. No. 20101



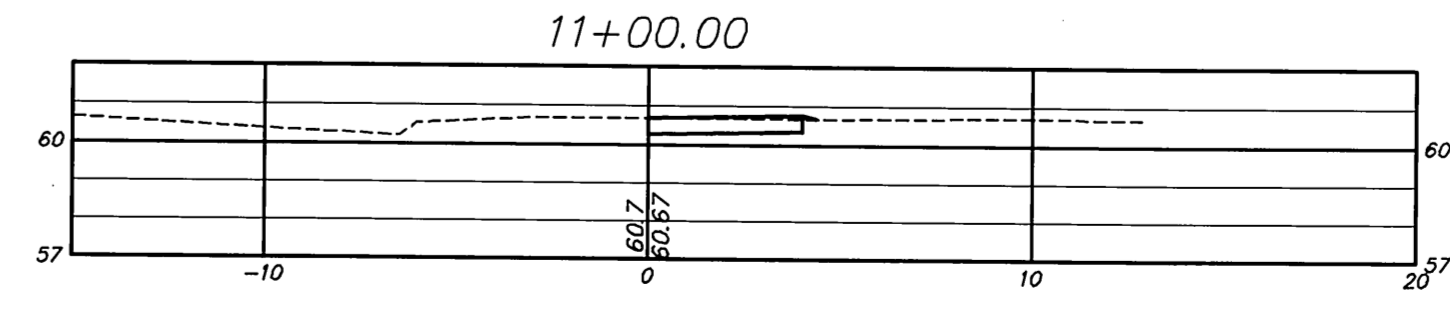
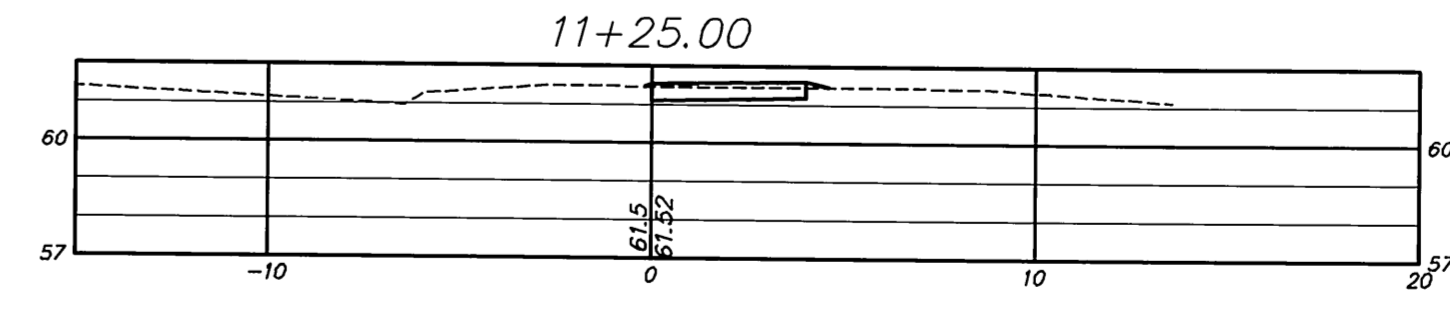
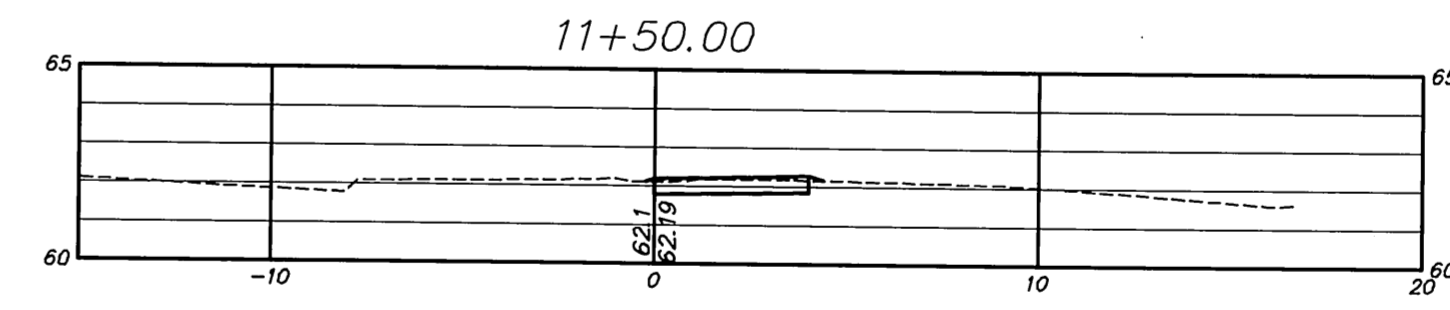
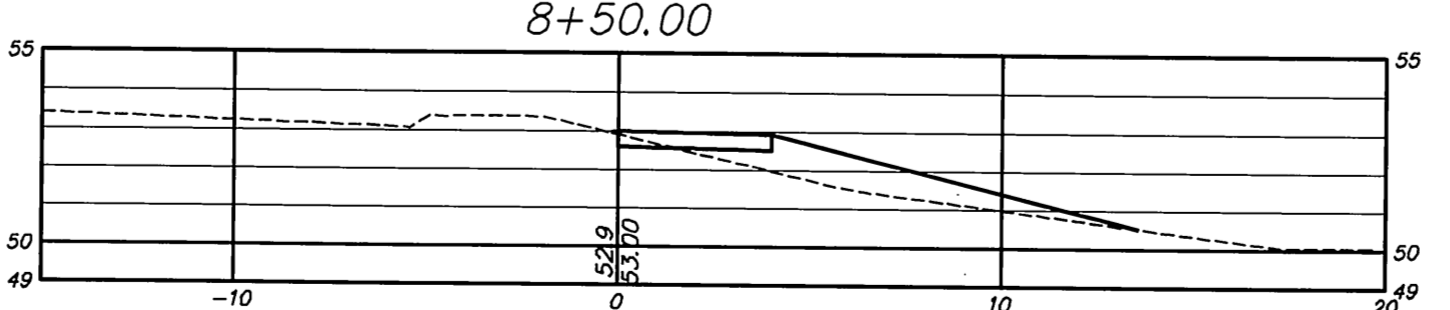
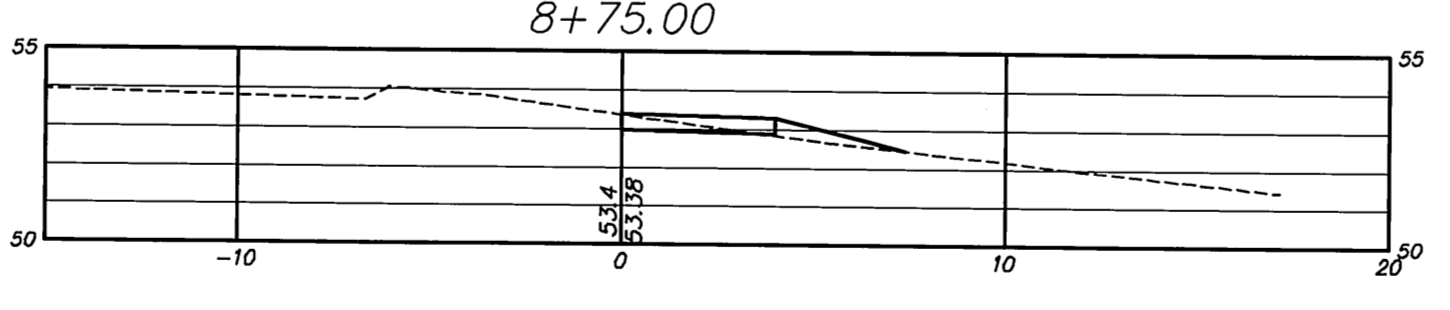
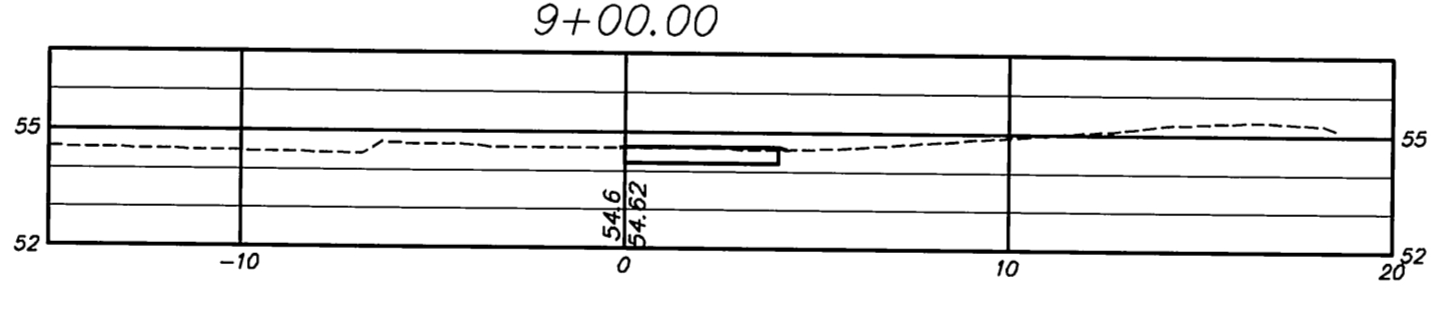
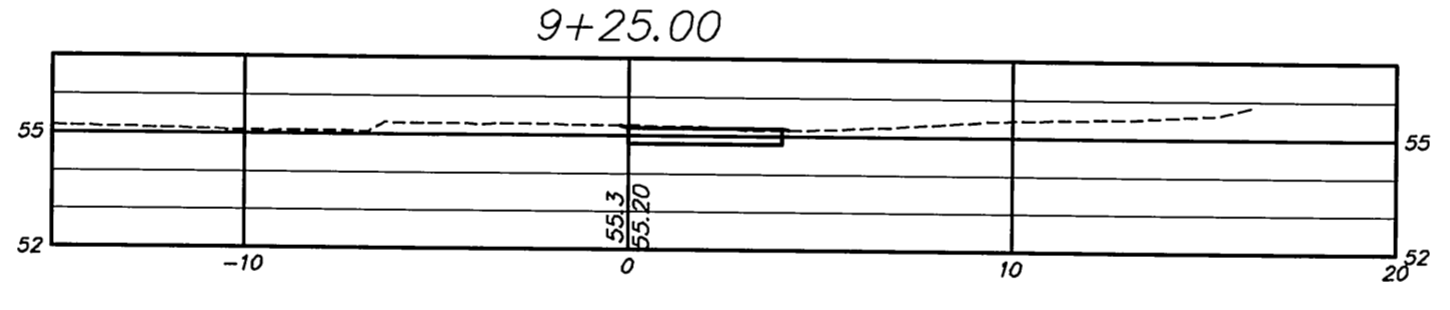
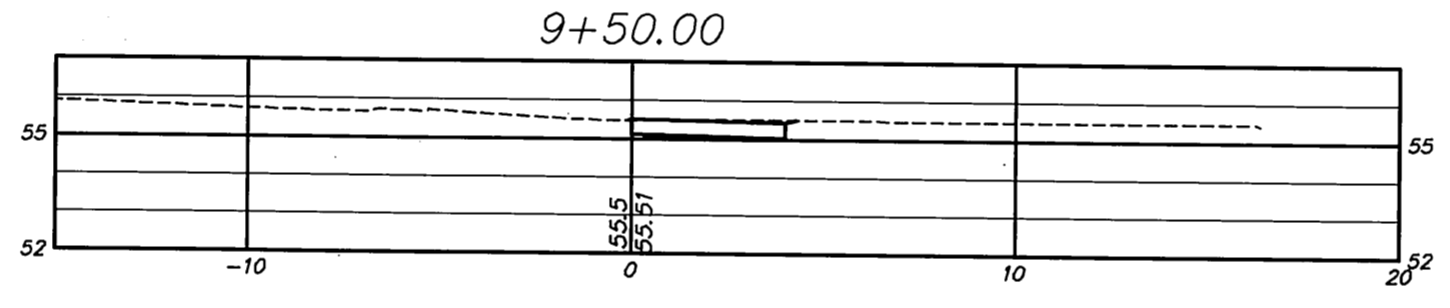
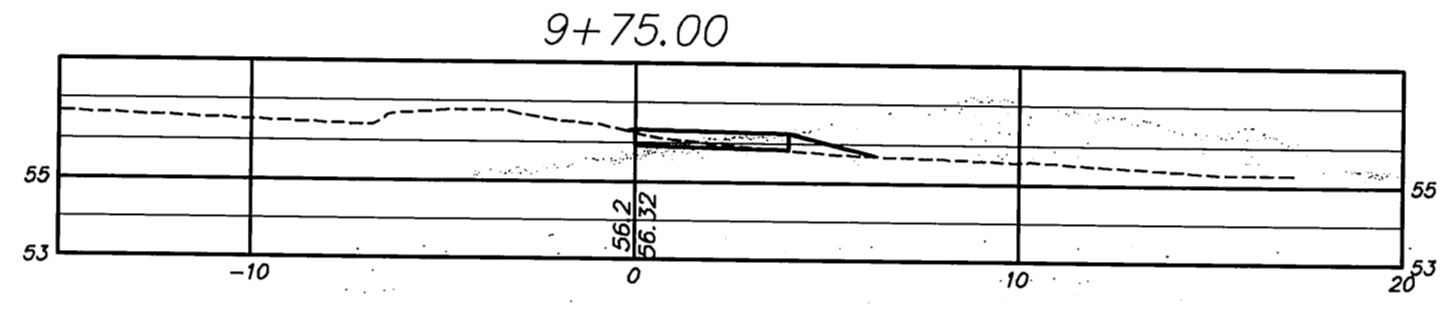
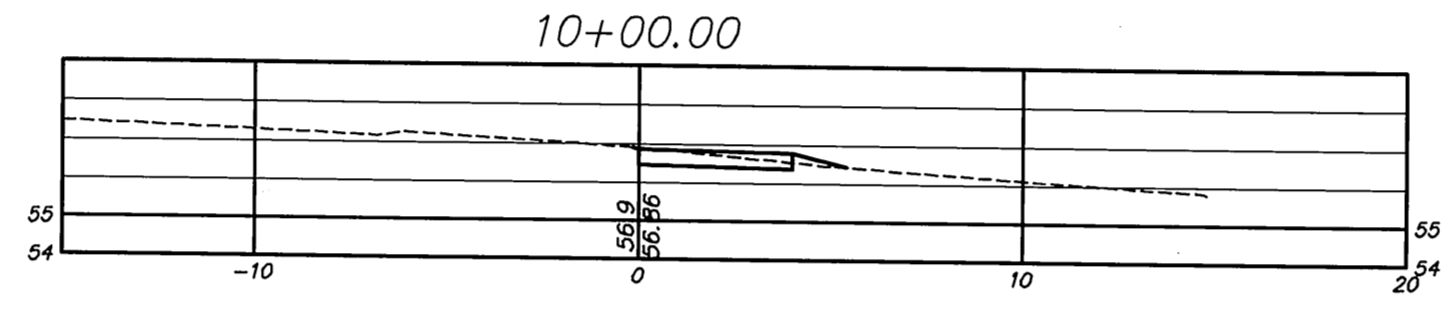
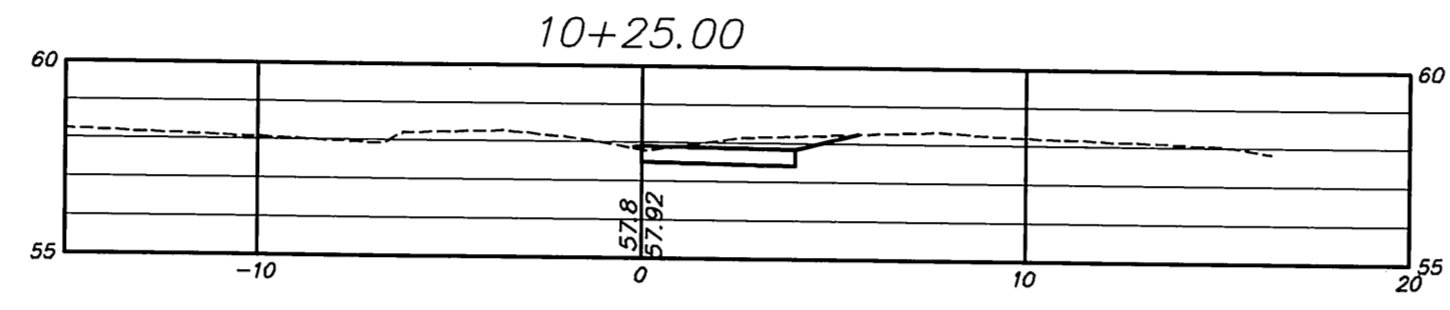
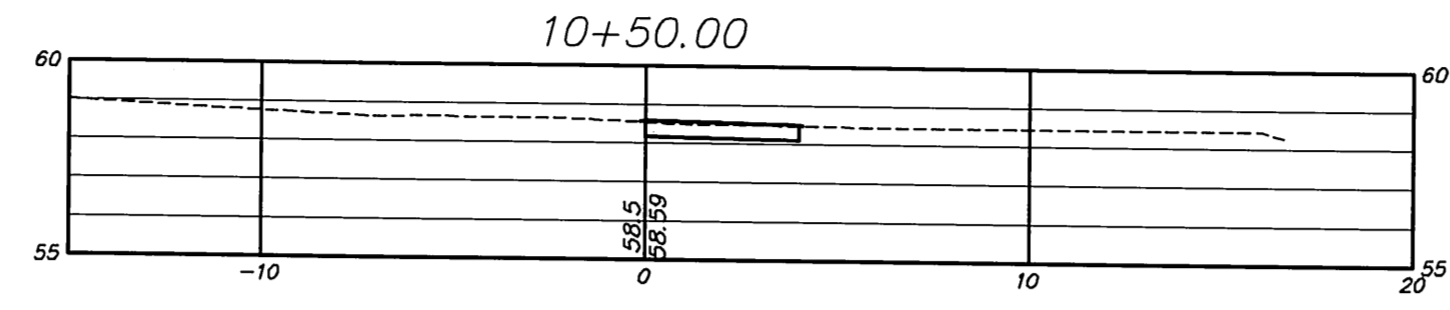
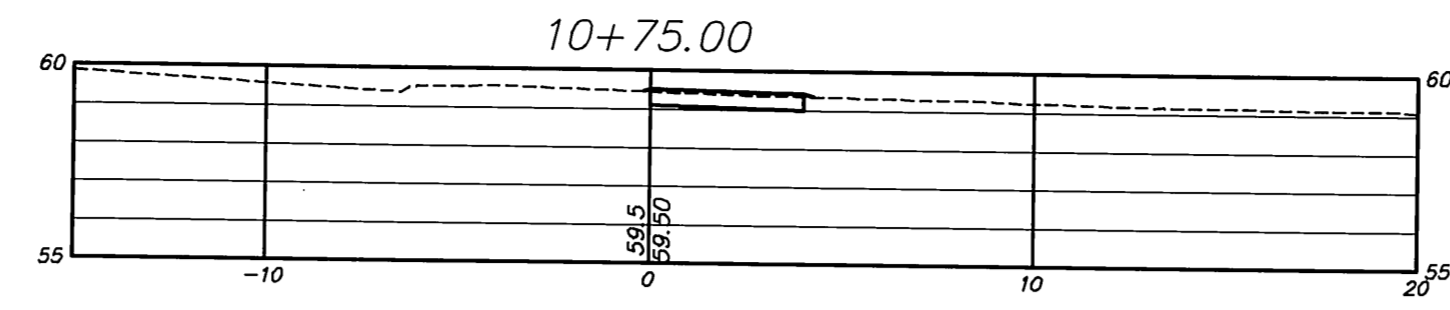
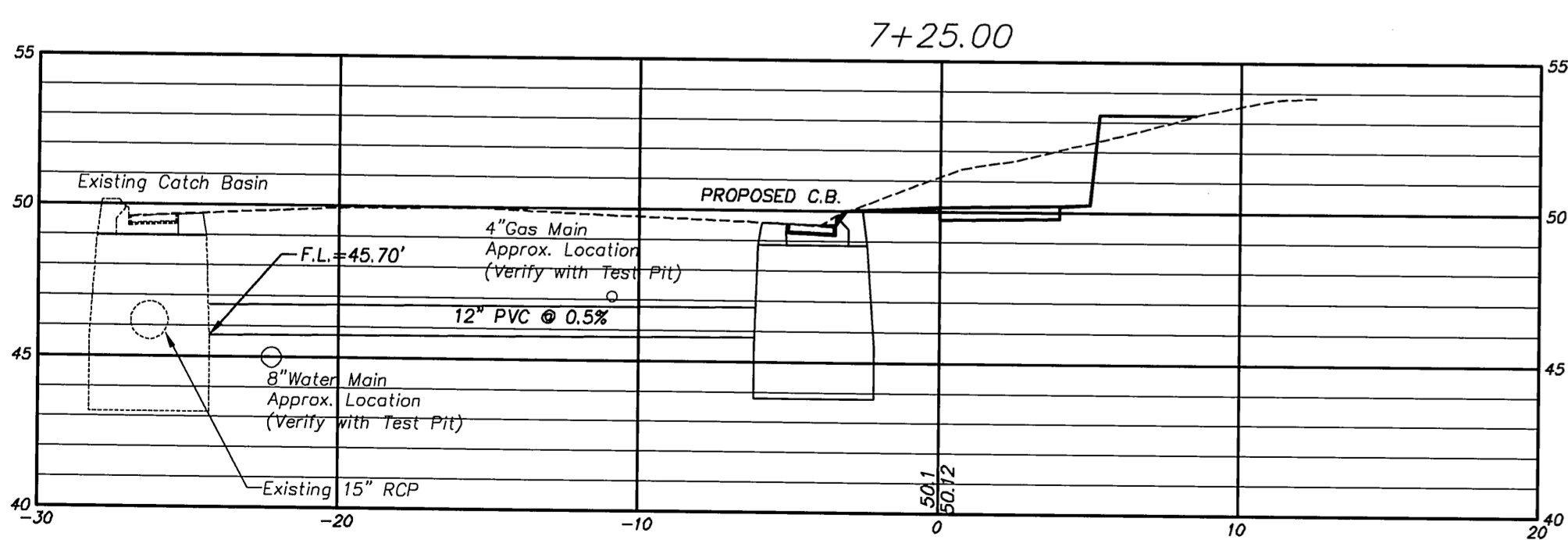
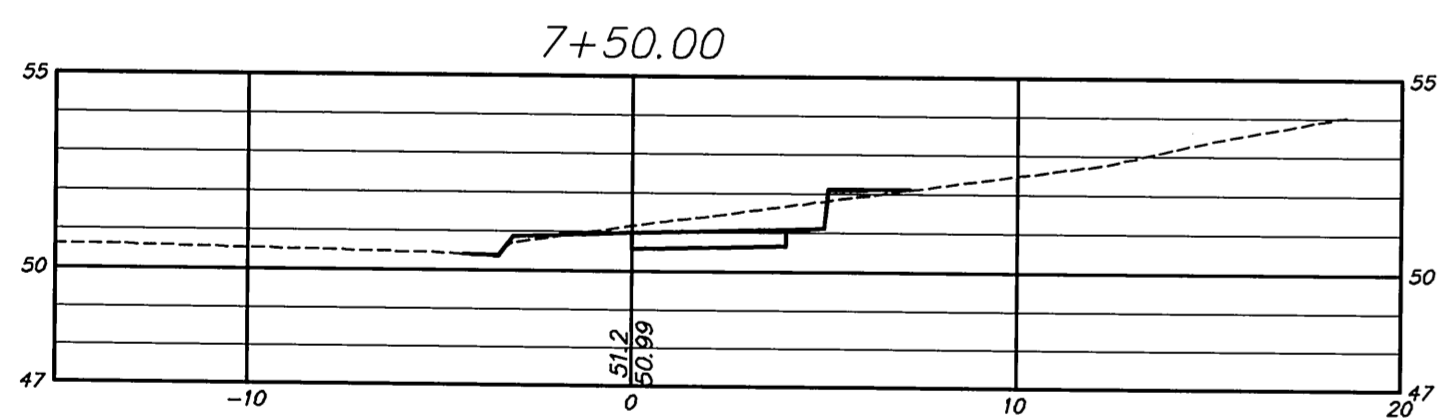
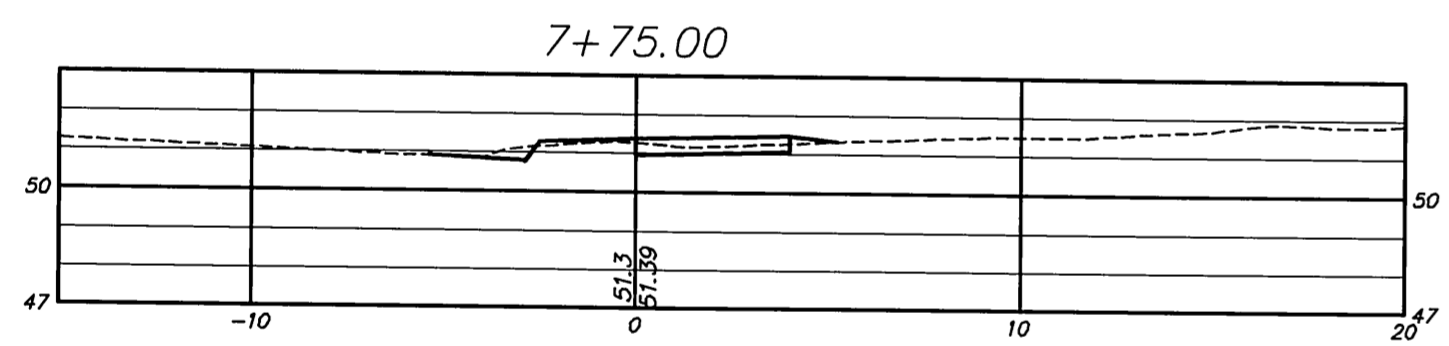
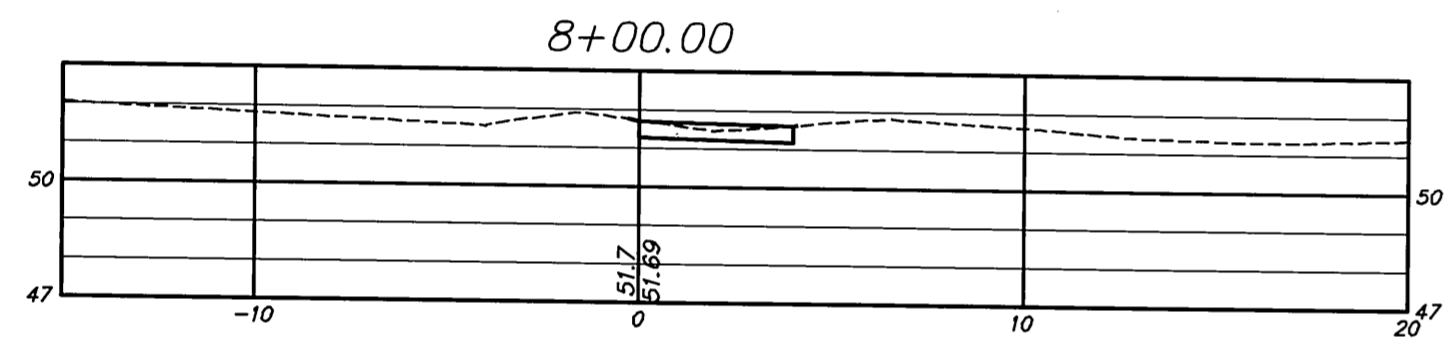
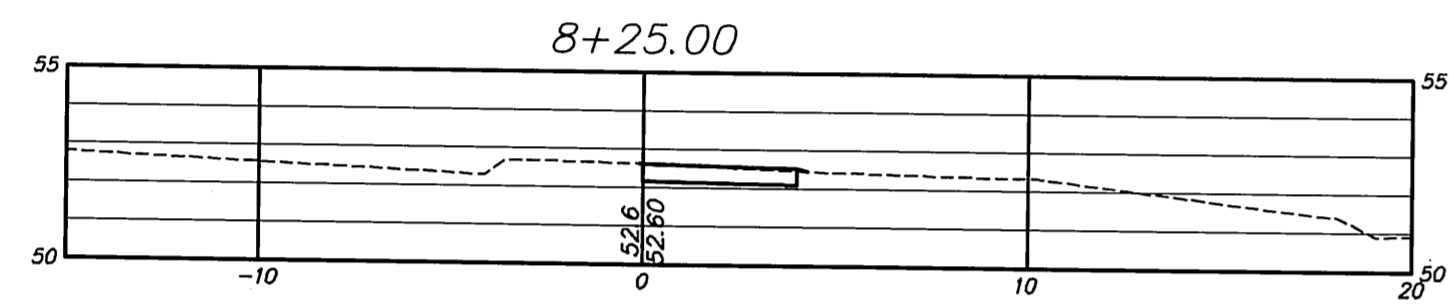
DRAWING ISSUE STATUS		
NO.	DESCRIPTION	DATE
2.	ISSUED FOR CONSTRUCTION	6-3-2015
1.	ISSUED FOR PERMITTING	2-25-2015



SCALE: AS SHOWN	DATE:
DRAWN BY: S.Troy	1-6-2015
CHECKED BY: S.M.B.	1-15-2015
APPROVED BY: D.A.P.	1-15-2015
ST. FILE:	



SECTIONS
 DEPICTING PROPOSED
 SIDEWALK IMPROVEMENTS
 located on
 WILLIAMS STREET EAST
 GLASTONBURY, CONNECTICUT

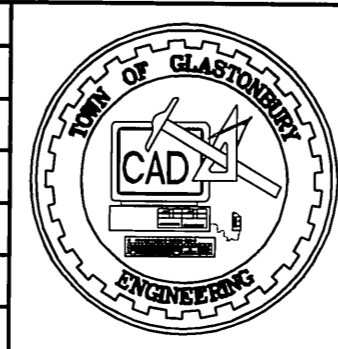


Certified to be substantially correct

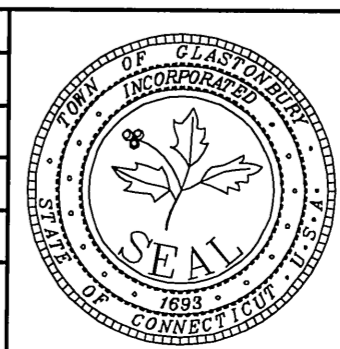
DANIEL A. PENNINGTON P.E. Reg. No. 20101



DRAWING ISSUE STATUS		
NO.	DESCRIPTION	DATE
2.	ISSUED FOR CONSTRUCTION	6-3-2015
1.	ISSUED FOR PERMITTING	2-25-2015



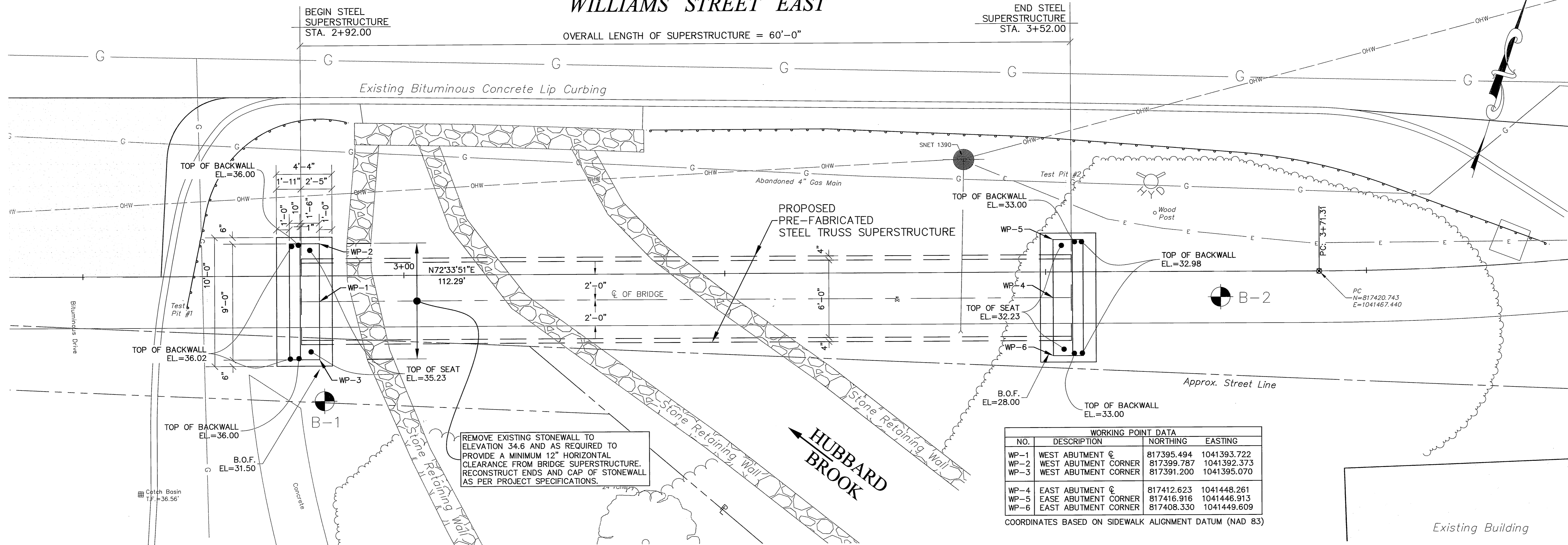
SCALE: AS SHOWN
 DATE: 1-6-2015
 DRAWN BY: S.Troy
 CHECKED BY: S.M.B. 1-15-2015
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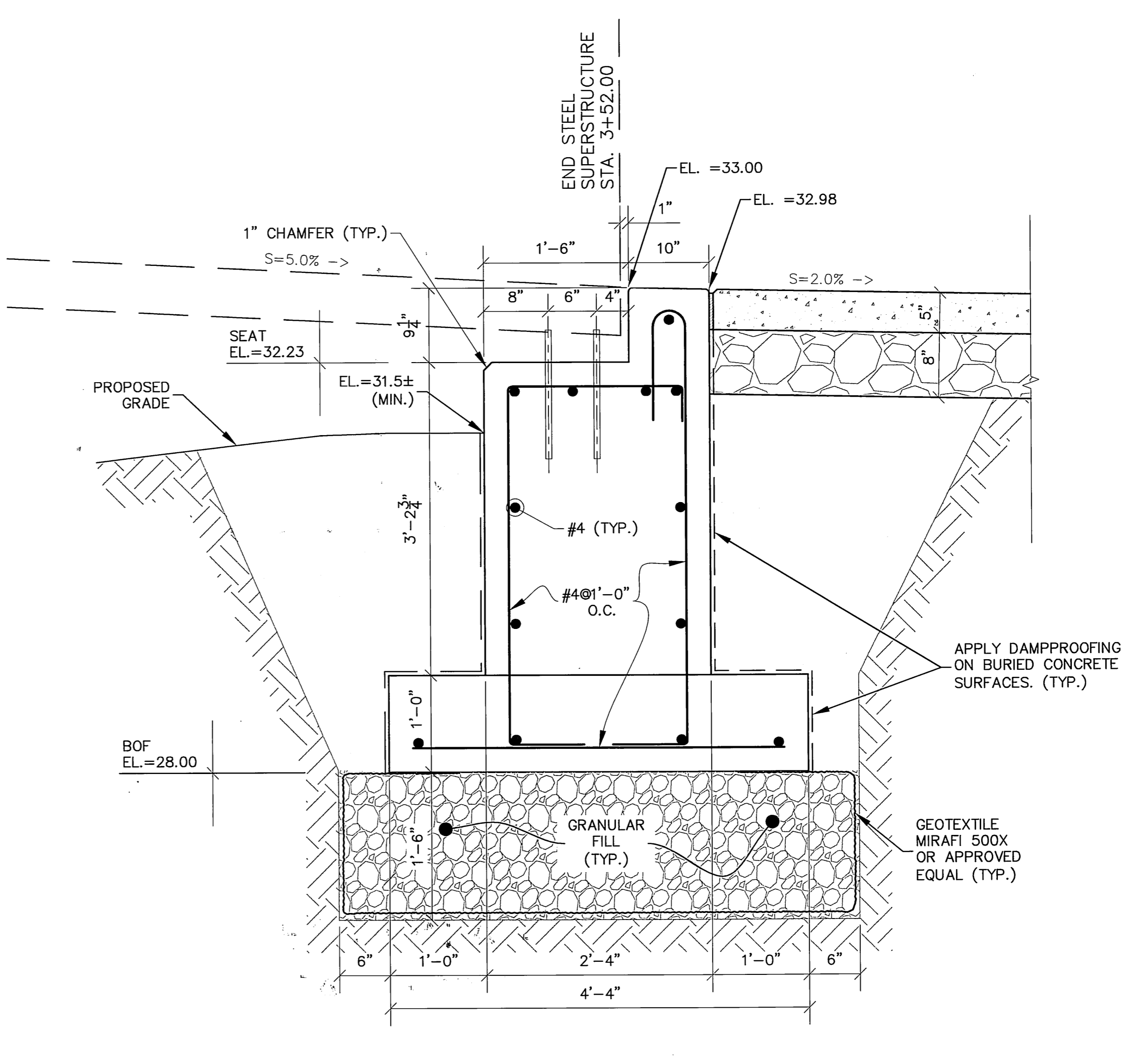
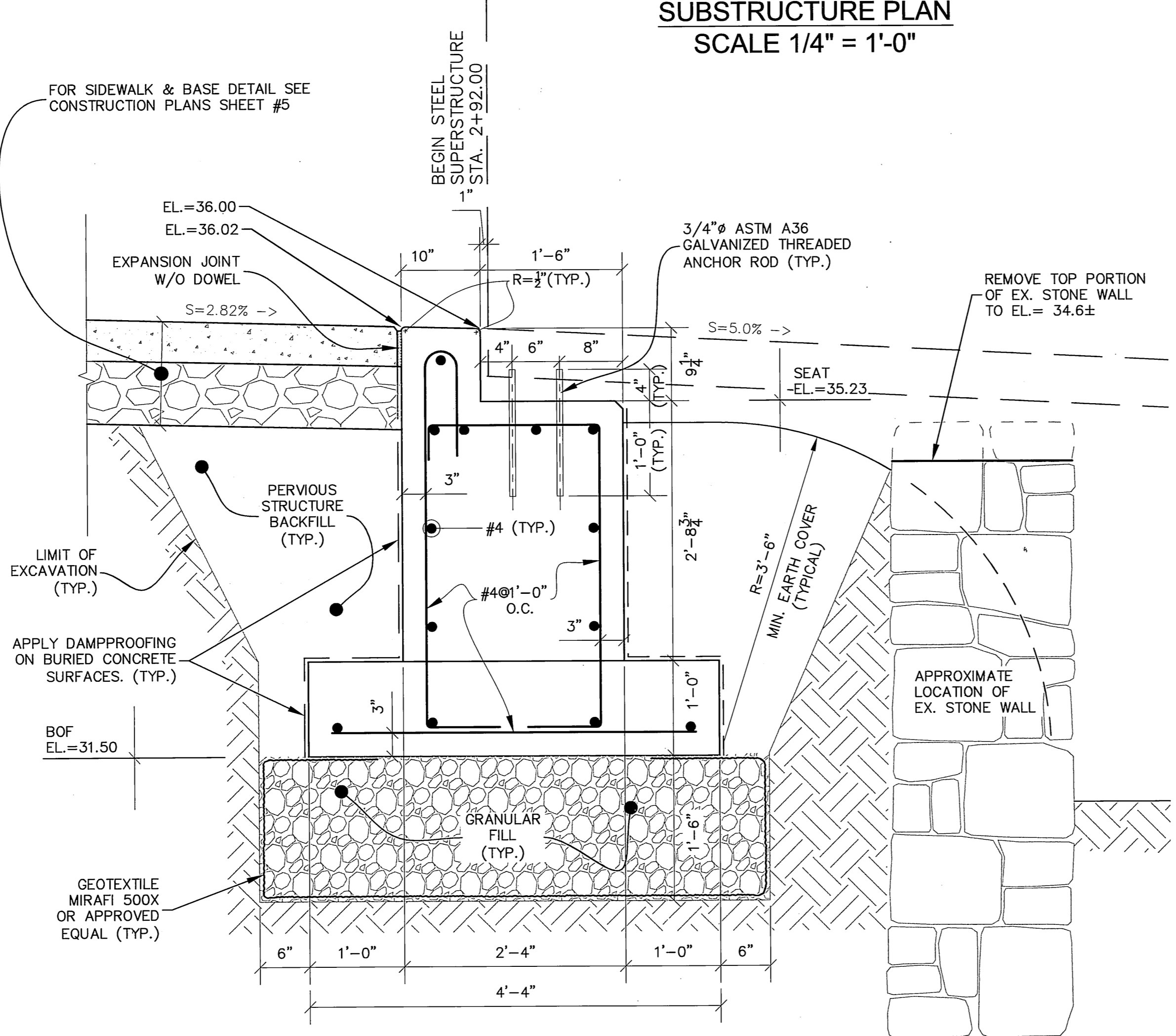
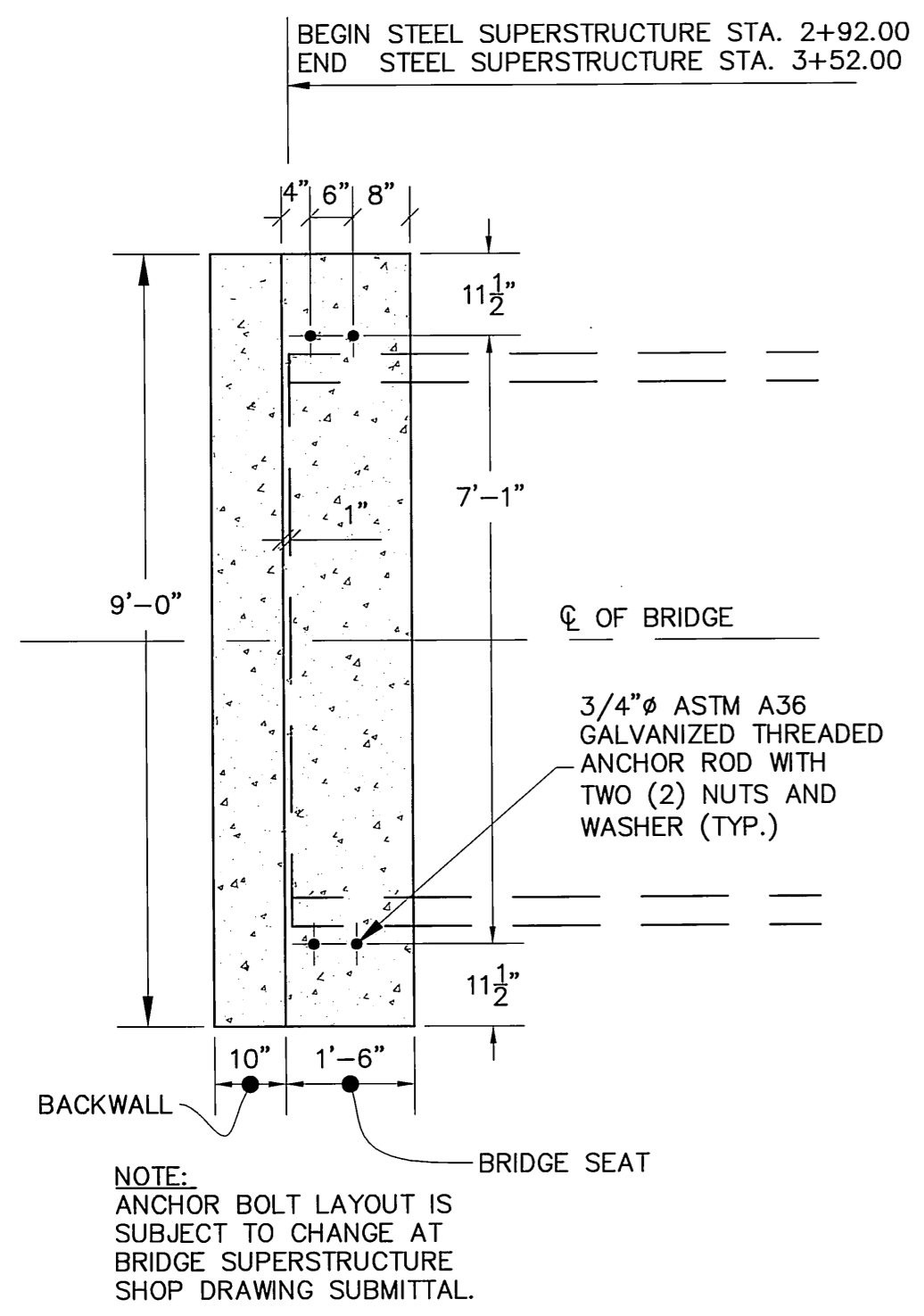
SECTIONS
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 SIDEWALK IMPROVEMENTS
 located on
 WILLIAMS STREET EAST
 GLASTONBURY, CONNECTICUT

SHEET NO.
5
 OF 7

WILLIAMS STREET EAST



SUBSTRUCTURE PLAN
SCALE 1/4" = 1'-0"



FOOTING CONSTRUCTION NOTES:

- FOOTING EXCAVATION SHALL BE PERFORMED WITH A SMOOTH EDGED BUCKET TO MINIMIZE DISTURBANCE TO SILTY SOILS AS PER THE GEOTECHNICAL REPORT INCLUDED IN THE PROJECT SPECIFICATIONS.
- GEOTEXTILE FABRIC IS INCLUDED UNDER THE PAY ITEM FOR "GRANULAR FILL" AND WILL THEREFORE NOT BE MEASURED FOR PAYMENT.

Designed By: PM
Drawn By: KLD
Checked By: PM
CAD File: LEI Plan

Drawing Scale: AS SHOWN
By: _____

Drawing date: MAY 26, 2015
Revision: _____

BRIDGE FOUNDATION PLAN & DETAILS
PREPARED FOR

SIDEWALK IMPROVEMENTS

WILLIAMS STREET EAST

GLASTONBURY, CONNECTICUT

Lenard Engineering, Inc.
Civil, Environmental and Hydrogeological Consultants
19 Midstate Drive
AUBURN, MA (508) 721-7600
140 Willow Street
WINSTED, CT (860) 379-6889
2210 Main Street
GLASTONBURY, CT (860) 659-3100

Drawing #:
6 OF 7

Job #: 14-425

