

# ELLIS CLARK REGIONAL AGRISCIENCE & TECHNOLOGY PROGRAM BUILDINGS

STATE PROJECT NO. 214-0094 VA/EA

# 5 MINORTOWN ROAD

WOODBURY, CT

MARCH 1, 2019

# CONSTRUCTION DOCUMENTS

# OWNER

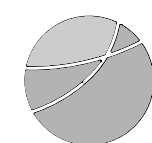
Prepared For:



Region 14 Central Office  
67 Washington Avenue  
Woodbury, CT 06798

## CONSULTANTS

Prepared By:



**benesch**

**120 Hebron Avenue  
Glastonbury, CT 06033  
P 860-633-8341  
F 860-633-1068  
[www.Benesch.com](http://www.Benesch.com)**



# SLAM

The **S/L/A/M** Collaborative

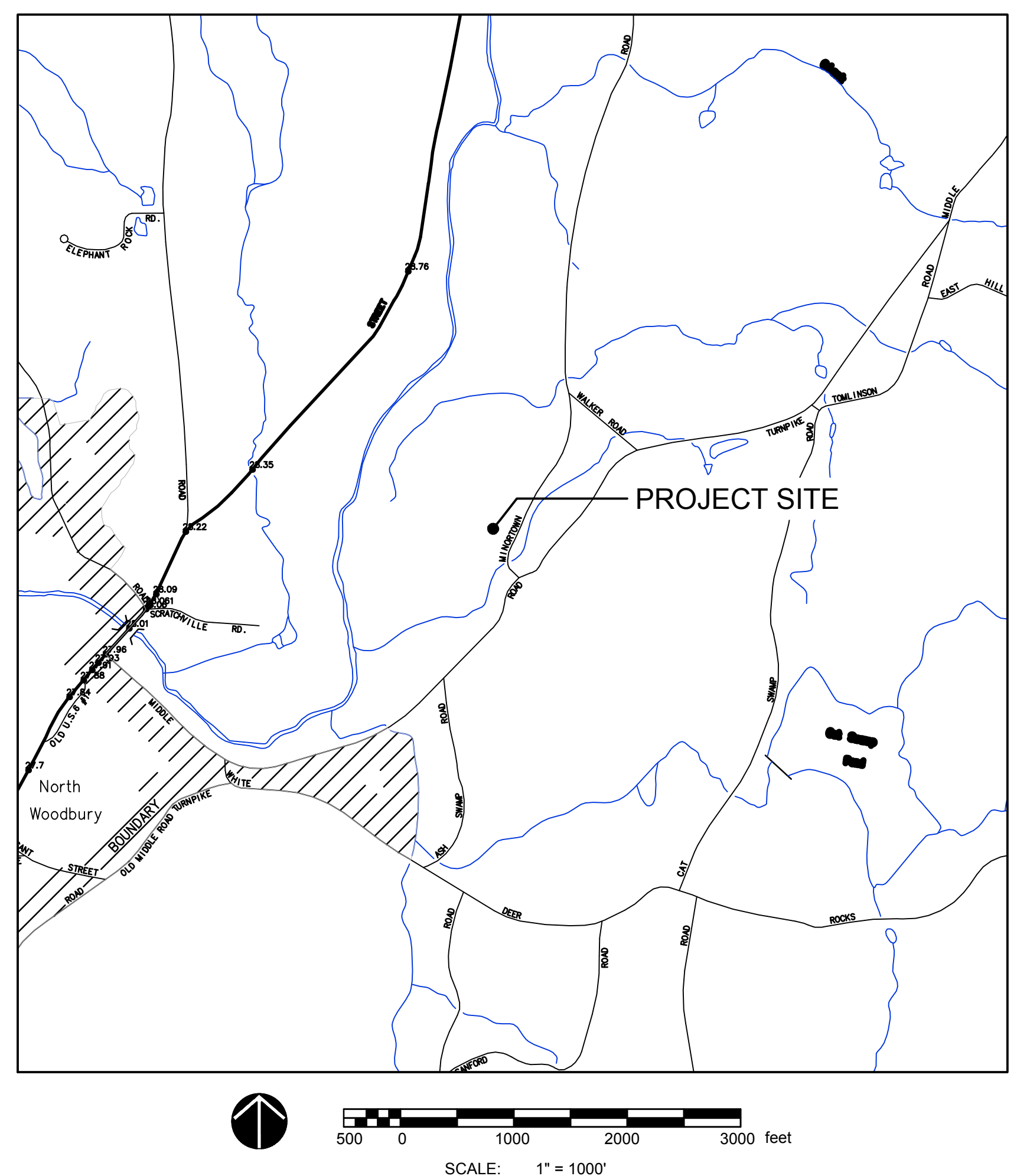
80 Glastonbury Blvd  
Glastonbury, CT 06033-4410  
**phone** 860 657.8077  
**fax** 860 657.3141

[www.slamcoll.com](http://www.slamcoll.com)

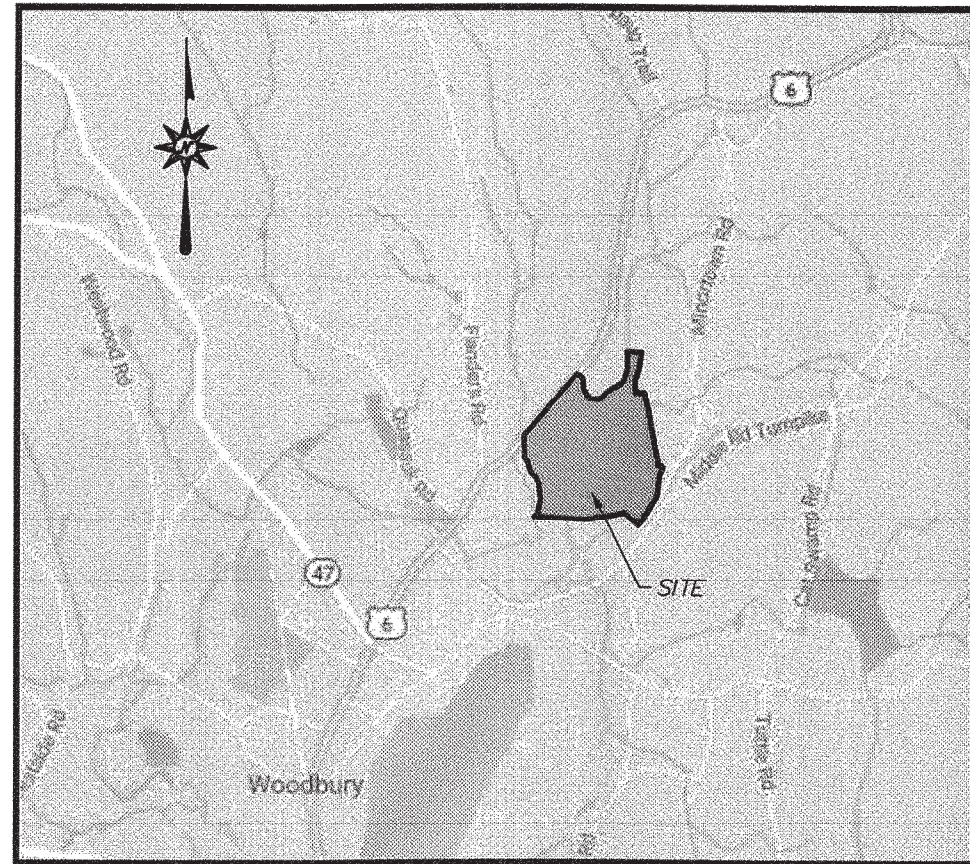
## LIST OF DRAWINGS

T-1.0	TITLE SHEET
1-5	BOUNDARY/TOPOGRAPHIC SURVEY
C-1.0	OVERALL SITE
C-2.0	SITE PREPARATION & EROSION AND SEDIMENTATION CONTROL PLAN
C-3.0	SITE LAYOUT & MATERIALS PLAN
C-4.0	GRADING AND DRAINAGE PLAN
C-5.0	LANDSCAPE PLAN
C-6.0-6.3	SITE DETAILS

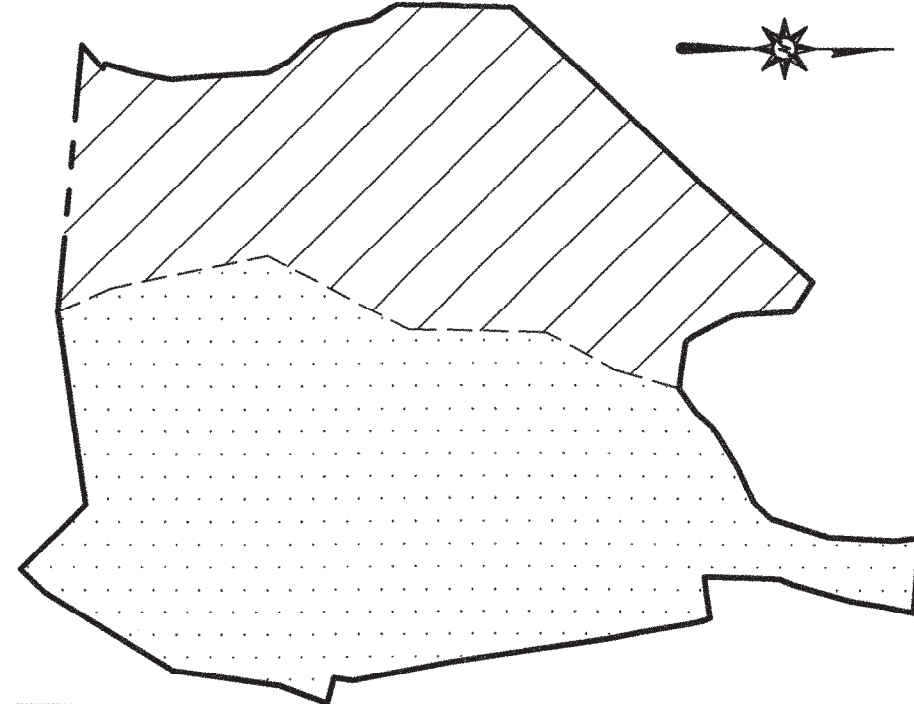
## LOCATION MAP







LOCATION MAP  
NOT TO SCALE



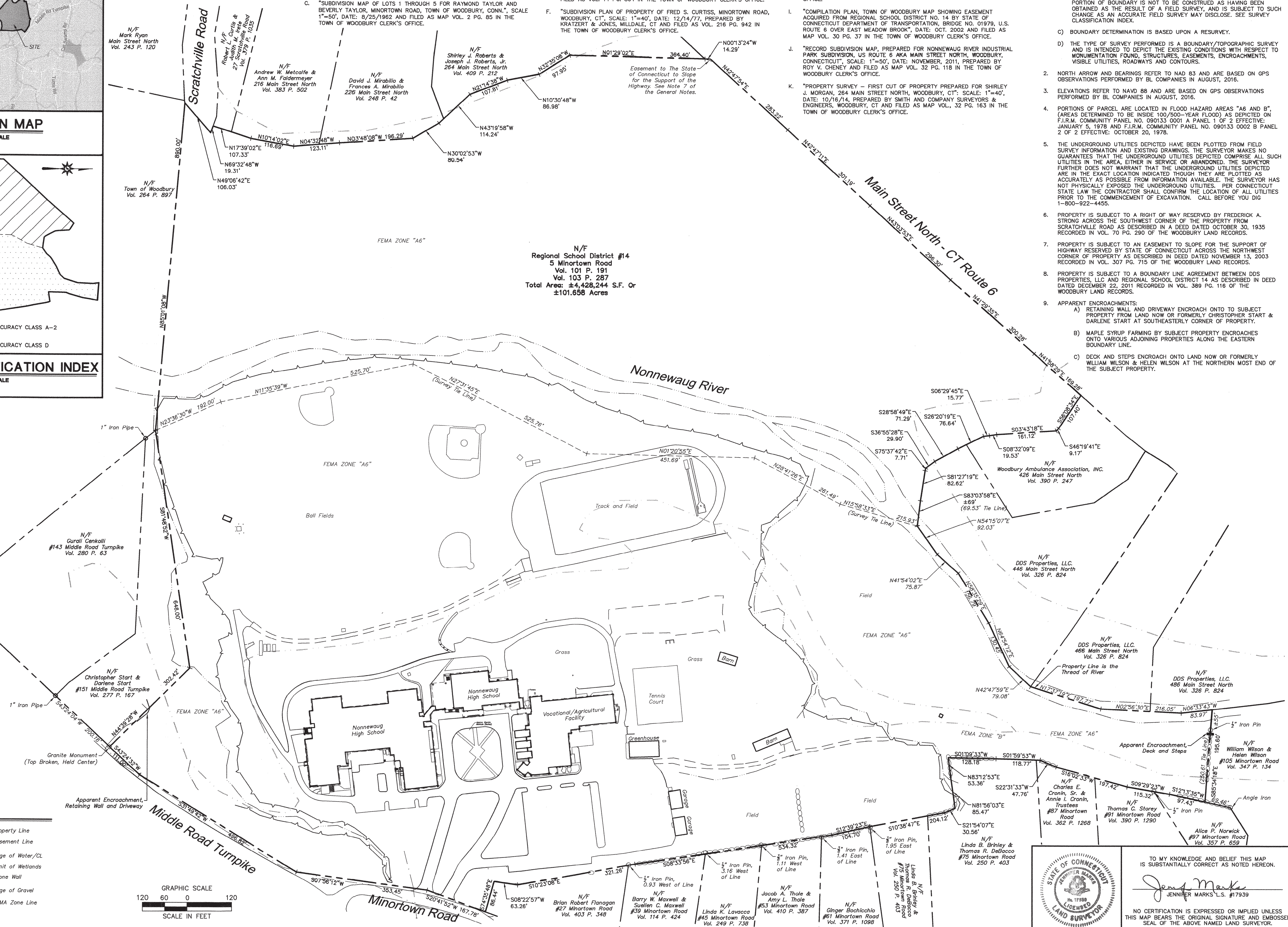
SURVEY CLASSIFICATION INDEX  
NOT TO SCALE

## MAP REFERENCES

- A. "CONNECTICUT STATE HIGHWAY DEPARTMENT RIGHT OF WAY MAP, TOWN OF WOODBURY, WOODBURY - WATERTOWN ROAD FROM FLANDERS ROAD NO. EASTERLY ABOUT 7,000 FEET, ROUTE U.S. 6." SCALE: 1"=60', PROJECT NUMBER 168-14, SHEETS 1,2 AND 3.
- B. "LAND OF ALAN J. ZINER AND GEORGE J. FRANTZIS, WOODBURY, CONN.", SCALE 1"=40', DATE 11/6/61, PREPARED BY L.T. SCOTT - SMITH AND FILED AS MAP VOL. 2 PG. 76 IN THE TOWN OF WOODBURY CLERK'S OFFICE.
- C. "SUBDIVISION MAP OF LOTS 1 THROUGH 5 FOR RAYMOND TAYLOR AND BEVERLY TAYLOR, MINORTOWN ROAD, TOWN OF WOODBURY, CONN.", SCALE 1"=50', DATE: 8/25/1962 AND FILED AS MAP VOL. 2 PG. 85 IN THE TOWN OF WOODBURY CLERK'S OFFICE.
- D. "MAP PREPARED FOR TOWN OF WOODBURY AND CHARLES B. AND DARLENE H. CURTISS, TOWN OF WOODBURY, COUNTY OF LITCHFIELD, STATE OF CONNECTICUT", SCALE: 1"=100', DATE: SEPT. 1966 AND FILED AS MAP VOL. 10 PG. 502 IN THE TOWN OF WOODBURY CLERK'S OFFICE.
- E. "PLAN SHOWING LAND TO BE CONVEYED TO BARRY W. & SUELEN C. MAXWELL BY CHARLES B. & DARLENE H. CURTISS ON MINORTOWN ROAD, TOWN OF WOODBURY, COUNTY OF LITCHFIELD, STATE OF CONNECTICUT", SCALE: 1"=40', DATE: JUNE 1975, PREPARED BY JOHN L. THOMSON AND FILED AS VOL. 14 PG. 804 IN THE TOWN OF WOODBURY CLERK'S OFFICE.
- F. "SUBDIVISION PLAN OF PROPERTY OF FRED S. CURTISS, MINORTOWN ROAD, WOODBURY, CT", SCALE: 1"=40', DATE: 12/14/77, PREPARED BY KRAITZERT & JONES, MILLDALE, CT AND FILED AS VOL. 216 PG. 942 IN THE TOWN OF WOODBURY CLERK'S OFFICE.
- G. "SUBDIVISION MAP SHOWING 'NONNEWAUG VIEWS', MIDDLE ROAD TURNPIKE, WOODBURY, CONNECTICUT", SCALE: 1"=40', DATE: 9/19/2001, PREPARED BY RIORDAN LAND SURVEYING, WOODBURY, CT AND FILED AS MAP VOL. 29 PG. 30 IN THE TOWN OF WOODBURY CLERK'S OFFICE.
- H. "PROPERTY SURVEY PREPARED FOR THE TOWN OF WOODBURY, MIDDLE ROAD TURNPIKE, WOODBURY, CONNECTICUT", SCALE: 1"=100', DATE: 10/1/2000, PREPARED BY RIORDAN LAND SURVEYING, WOODBURY, CT AND FILED AS MAP VOL. 29 PG. 22 IN THE TOWN OF WOODBURY CLERK'S OFFICE.
- I. "COMPILATION PLAN, TOWN OF WOODBURY MAP SHOWING EASEMENT ACQUIRED FROM REGIONAL SCHOOL DISTRICT NO. 14 BY STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION, BRIDGE NO. 01979, U.S. ROUTE 6 OVER EAST MEADOW BROOK", DATE: OCT. 2002 AND FILED AS MAP VOL. 30 PG. 37 IN THE TOWN OF WOODBURY CLERK'S OFFICE.
- J. "RECORD SUBDIVISION MAP, PREPARED FOR NONNEWAUG RIVER INDUSTRIAL PARK SUBDIVISION, US ROUTE 6 AKA MAIN STREET NORTH, WOODBURY, CONNECTICUT", SCALE: 1"=50', DATE: NOVEMBER, 2011, PREPARED BY ROY V. CHENEY AND FILED AS MAP VOL. 32 PG. 118 IN THE TOWN OF WOODBURY CLERK'S OFFICE.
- K. "PROPERTY SURVEY - FIRST CUT OF PROPERTY PREPARED FOR SHIRLEY J. MORGAN, 264 MAIN STREET NORTH, WOODBURY, CT: SCALE: 1"=40', DATE: 10/16/14, PREPARED BY SMITH AND COMPANY SURVEYORS & ENGINEERS, WOODBURY, CT AND FILED AS MAP VOL., 32 PG. 163 IN THE TOWN OF WOODBURY CLERK'S OFFICE.

## GENERAL NOTES

- A) THIS MAP HAS BEEN PREPARED IN ACCORDANCE WITH THE REGULATIONS OF CONNECTICUT STATE AGENCIES, SECTIONS 20-300b-1 THROUGH 20-300b-20 AND THE "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPTEMBER 26, 1996.
- B) THIS PLAN CONFORMS TO HORIZONTAL ACCURACY CLASS A-2 AND A TOPOGRAPHIC ACCURACY CLASS 1-2. PORTIONS OF BOUNDARY CONFORM TO HORIZONTAL ACCURACY CLASS D, AND IS COMPILED FROM OTHER MAPS, RECORD RESEARCH OR OTHER SOURCES OF INFORMATION. CLASS D PORTION OF BOUNDARY IS NOT TO BE CONSTRUED AS HAVING BEEN OBTAINED AS THE RESULT OF A FIELD SURVEY, AND IS SUBJECT TO SUCH CHANGE AS AN ACCURATE FIELD SURVEY MAY DISCLOSE. SEE SURVEY CLASSIFICATION INDEX.
- C) BOUNDARY DETERMINATION IS BASED UPON A RESURVEY.
- D) THE TYPE OF SURVEY PERFORMED IS A BOUNDARY/TOPOGRAPHIC SURVEY AND IS INTENDED TO DEPICT THE EXISTING CONDITIONS WITH RESPECT TO MONUMENTATION FOUND, STRUCTURES, EASEMENTS, ENCROACHMENTS, VISIBLE UTILITIES, ROADWAYS AND CONTOURS.
2. NORTH ARROW AND BEARINGS REFER TO NAD 83 AND ARE BASED ON GPS OBSERVATIONS PERFORMED BY BL COMPANIES IN AUGUST, 2016.
3. ELEVATIONS REFER TO NAVD 88 AND ARE BASED ON GPS OBSERVATIONS PERFORMED BY BL COMPANIES IN AUGUST, 2016.
4. PORTIONS OF PARCEL ARE LOCATED IN FLOOD HAZARD AREAS "A6 AND B", (AREAS DETERMINED TO BE INSIDE 100/YEAR FLOOD) AS DEPICTED ON F.I.R.M. COMMUNITY PANEL NO. 090133 0001 A PANEL 1 OF 2 EFFECTIVE: JANUARY 5, 1978 AND F.I.R.M. COMMUNITY PANEL NO. 090133 0002 B PANEL 2 OF 2 EFFECTIVE: OCTOBER 20, 1978.
5. THE UNDERGROUND UTILITIES DEPICTED HAVE BEEN PLOTTED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES DEPICTED COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES DEPICTED ARE IN THE EXACT LOCATION INDICATED THOUGH THEY ARE PLOTTED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY EXPOSED THE UNDERGROUND UTILITIES. PER CONNECTICUT STATE LAW THE CONTRACTOR SHALL CONFIRM THE LOCATION OF ALL UTILITIES PRIOR TO THE COMMENCEMENT OF EXCAVATION. CALL BEFORE YOU DIG 1-800-922-4455.
6. PROPERTY IS SUBJECT TO A RIGHT OF WAY RESERVED BY FREDERICK A. STRONG ACROSS THE SOUTHWEST CORNER OF THE PROPERTY FROM SCRATCHVILLE ROAD, AS DESCRIBED IN A DEED DATED OCTOBER 30, 1935 RECORDED IN VOL. 70 PG. 290 OF THE WOODBURY LAND RECORDS.
7. PROPERTY IS SUBJECT TO AN EASEMENT TO SLOPE FOR THE SUPPORT OF HIGHWAY RESERVED BY STATE OF CONNECTICUT ACROSS THE NORTHWEST CORNER OF PROPERTY AS DESCRIBED IN DEED DATED NOVEMBER 13, 2003 RECORDED IN VOL. 307 PG. 715 OF THE WOODBURY LAND RECORDS.
8. PROPERTY IS SUBJECT TO A BOUNDARY LINE AGREEMENT BETWEEN DDS PROPERTIES, LLC AND REGIONAL SCHOOL DISTRICT #14 AS DESCRIBED IN DEED DATED DECEMBER 22, 2011 RECORDED IN VOL. 389 PG. 116 OF THE WOODBURY LAND RECORDS.
9. APPARENT ENCROACHMENTS:
  - A) RETAINING WALL AND DRIVEWAY ENCROACH ONTO TO SUBJECT PROPERTY FROM LAND NOW OR FORMERLY CHRISTOPHER START & DARLENE START AT SOUTHEASTERLY CORNER OF PROPERTY.
  - B) MAPLE SYRUP FARMING BY SUBJECT PROPERTY ENCROACHES ONTO VARIOUS ADJOINING PROPERTIES ALONG THE EASTERN BOUNDARY LINE.
  - C) DECK AND STEPS ENCROACH ONTO LAND NOW OR FORMERLY WILLIAM WILSON & HELEN WILSON AT THE NORTHERN MOST END OF THE SUBJECT PROPERTY.



REGIONAL SCHOOL DISTRICT #14  
5 MINORTOWN ROAD  
WOODBURY, CONNECTICUT

REVISIONS	No.	Date	Desc.
Surveyed	AV,PM,SC		
Drawn	AV		
Checked	MG		
Approved	MG		
Scale	1"=120'		
Project No.	1652927		
Date	8/26/16		
Field Book	502		
CAD File:	EX165292701		
Title	BOUNDARY/ TOPOGRAPHIC SURVEY		
Sheet No.	1 OF 5		

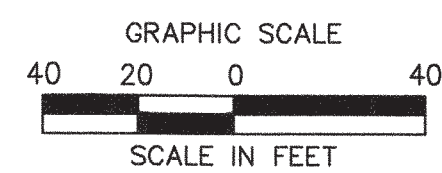
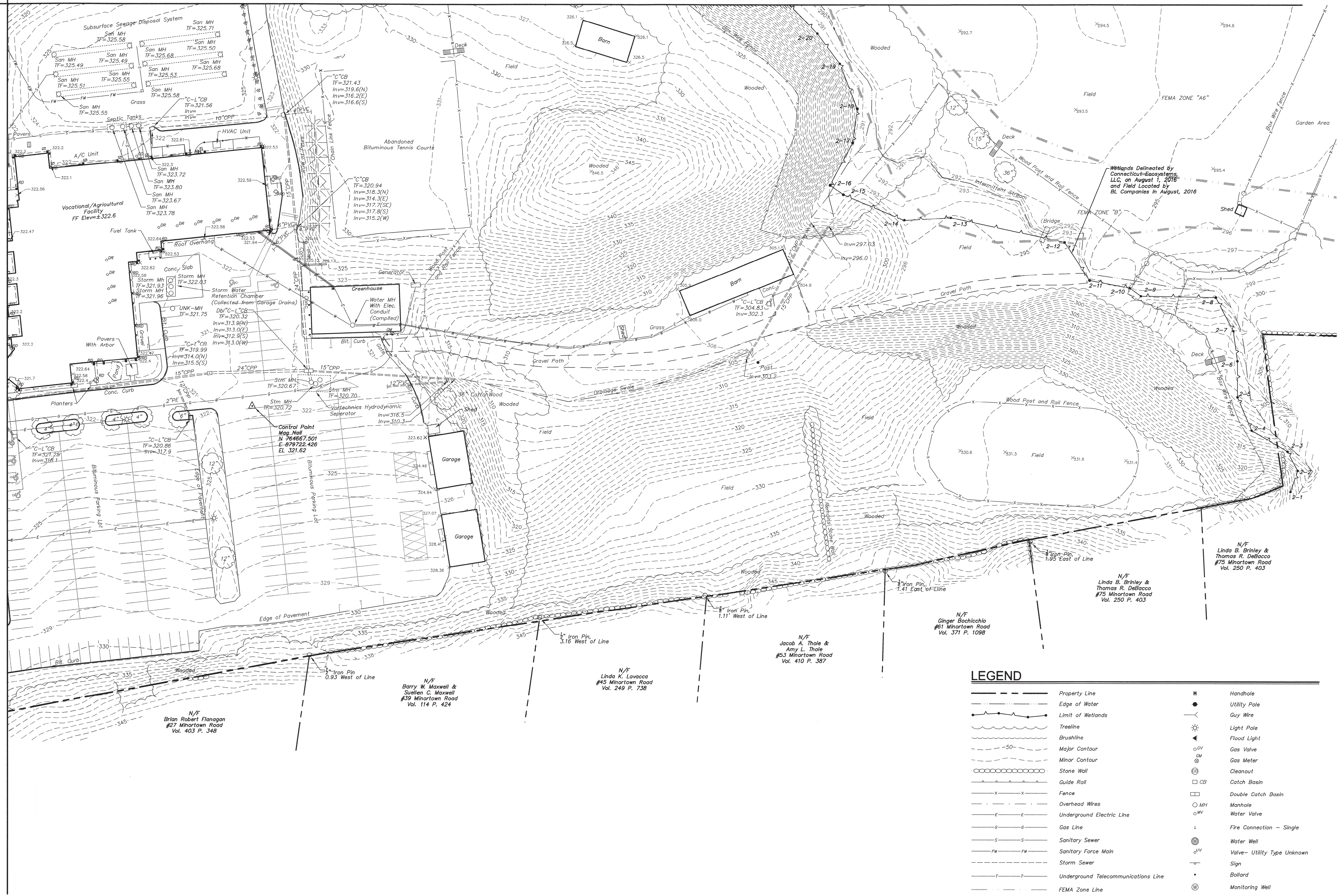






MATCHLINE - SEE SHEET 5 OF 5

MATCHLINE - SEE SHEET 2 OF 5



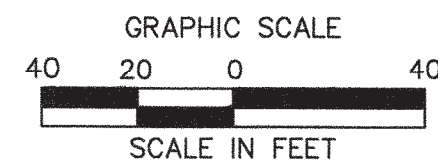






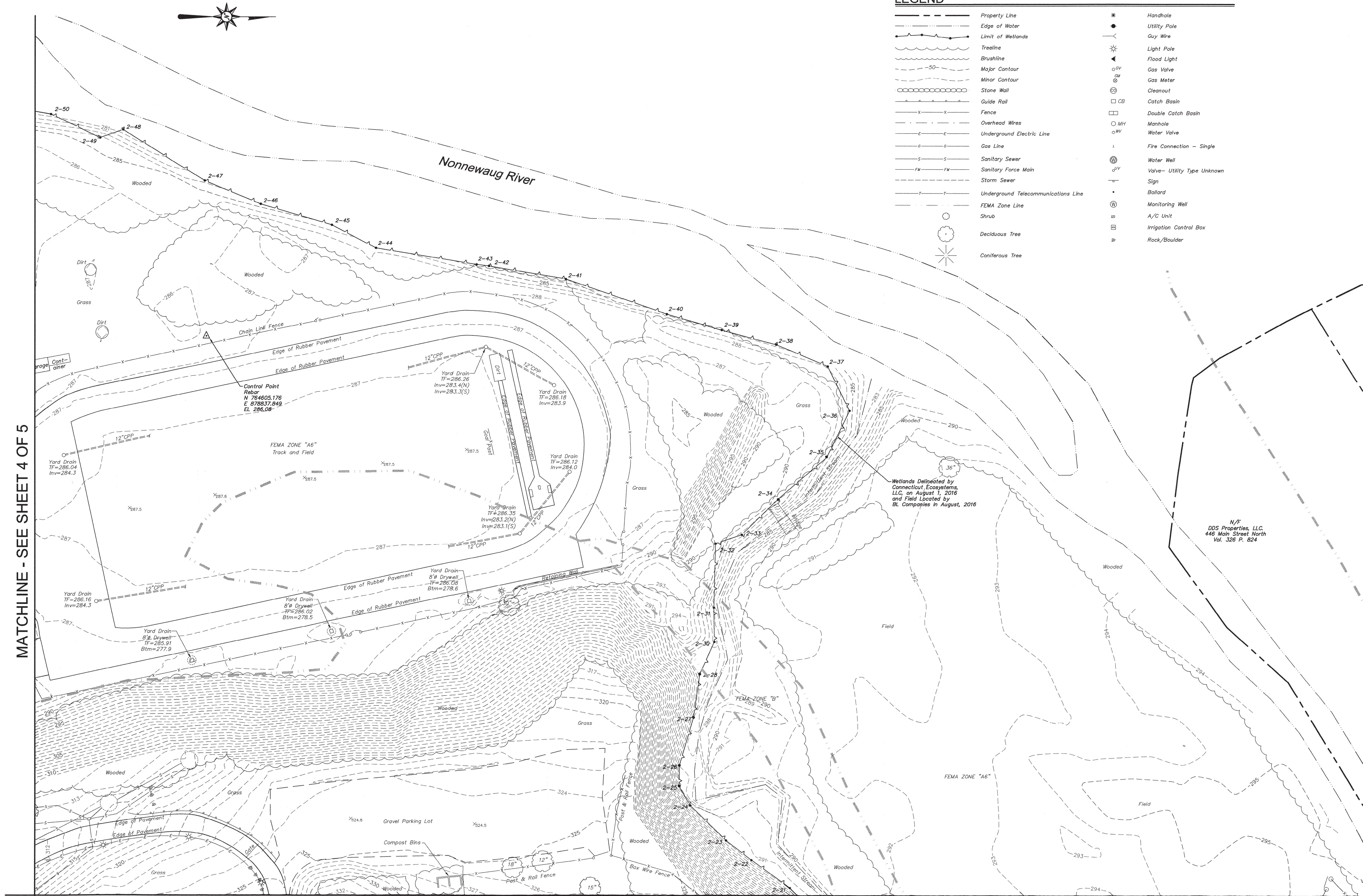
MATCHLINE - SEE SHEET 4 OF 5

MATCHLINE - SEE SHEET 3 OF 5



## LEGEND

	Property Line		Handhole
	Edge of Water		Utility Pole
	Limit of Wetlands		Guy Wire
	Treeline		Light Pole
	Brushline		Flood Light
	Major Contour		Gas Valve
	Minor Contour		Gas Meter
	Stone Wall		Cleanout
	Guide Rail		Catch Basin
	Fence		Double Catch Basin
	Overhead Wires		Manhole
	Underground Electric Line		Water Valve
	Gas Line		Fire Connection - Single
	Sanitary Sewer		Water Well
	Sanitary Force Main		Valve - Utility Type Unknown
	Storm Sewer		Sign
	Underground Telecommunications Line		Ballard
	FEMA Zone Line		Monitoring Well
	Shrub		A/C Unit
	Deciduous Tree		Irrigation Control Box
	Coniferous Tree		Rock/Boulder





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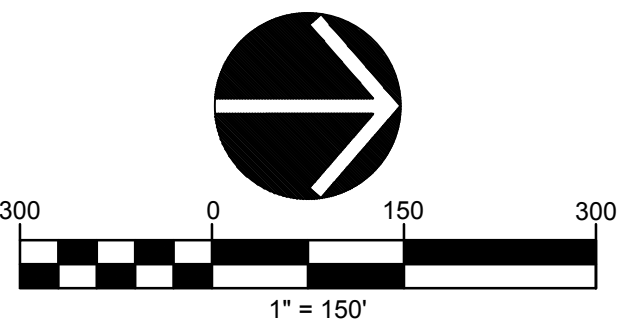
A circular professional engineer seal for the State of Connecticut. The outer ring contains the text "STATE OF CONNECTICUT" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. Inside the ring, the name "WILLIAM G. WALTER" is written in an arc. In the center is a shield with a landscape scene, and below it is the year "20146". A large, stylized blue signature "W. G. Walter" is written across the seal.

Alfred Benesch & Company • [www.benesch.com](http://www.benesch.com)  
20 Hebron Avenue • Glastonbury, Connecticut 06033  
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**ELLIS CLARK REGIONAL  
AGRISCIENCE & TECHNOLOGY  
PROGRAM BUILDINGS**

[illegible]

## C-1.0







- D

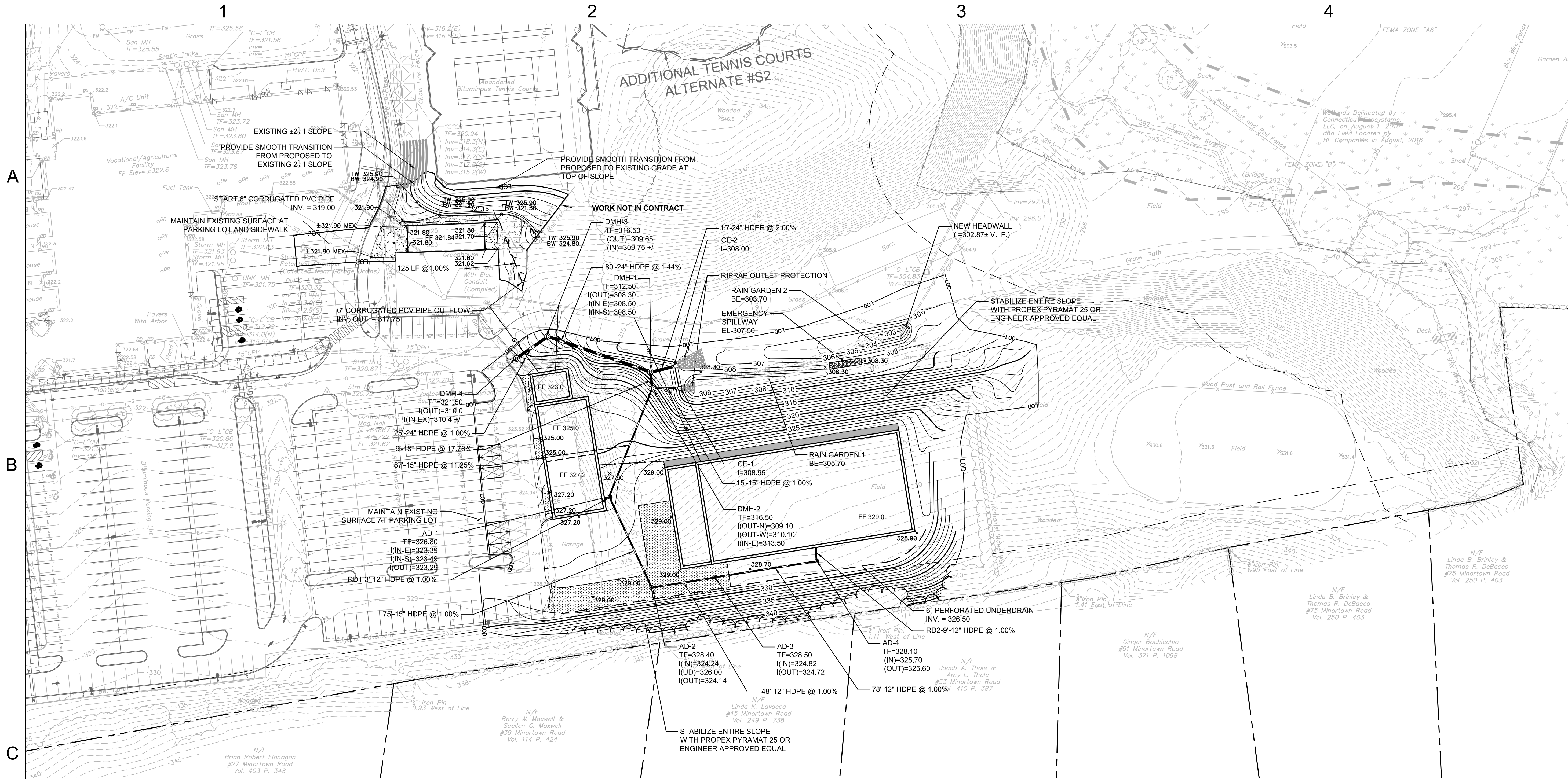
12. FOR DUST CONTROL, PERIODICALLY MOISTEN EXPOSED SOIL SURFACES WITH WATER AND MAINTAIN ADEQUATE MOISTURE LEVELS.
13. SWEEP ADJACENT ROADWAYS IF MUD OR SOIL IS TRACKED ON TO THEM, OR AS DIRECTED BY THE ENGINEER. SHOULD THE CONSTRUCTION ENTRANCE FAIL TO PREVENT THE TRACKING OF SOILS OR SEDIMENT OFF OF THE PROJECT SITE, A WASHING RACK SHALL BE INSTALLED ALONG WITH APPROPRIATE MEASURES TO COLLECT RESULTING WASTEWATER.

## C-2.0









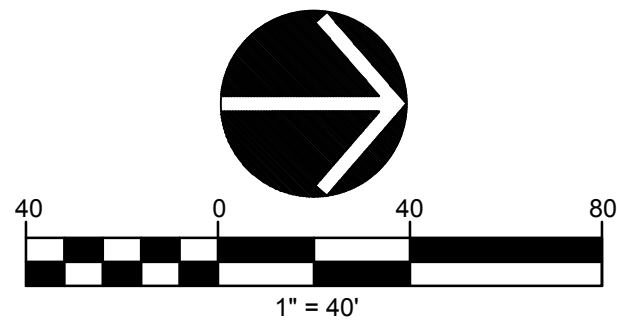
RAIN GARDEN MAINTENANCE SCHEDULE	MAINTENANCE MEASURE	ACTIVITY	SCHEDULE
	1	<ul style="list-style-type: none"><li>INSPECT FOR DAMAGE</li><li>NOTE SIGNS OF HYDROCARBON BUILDUP, AND REMOVE IF DETECTED</li><li>MONITOR FOR SEDIMENT ACCUMULATION</li><li>EXAMINE TO ENSURE THAT INLET AND OUTLET DEVICES ARE FREE OF DEBRIS AND OPERATION</li></ul>	ANNUAL INSPECTION
	2	<ul style="list-style-type: none"><li>REPAIR UNDERCUT OR ERODED AREAS</li></ul>	AS-NEEDED MAINTENANCE
	3	<ul style="list-style-type: none"><li>CLEAN AND REMOVE DEBRIS FROM INLET AND OUTLET STRUCTURES</li><li>MOW SIDES AND BOTTOM SEEDMIX</li></ul>	SPRING AND FALL
	4	<ul style="list-style-type: none"><li>REMOVE SEDIMENT WHEN THE RAIN GARDEN VOLUME HAS BEEN SIGNIFICANTLY REDUCED OR WHEN SIGNIFICANT ALGAL GROWTH IS OBSERVED</li></ul>	10-YEAR MAINTENANCE
CATCH BASIN MAINTENANCE SCHEDULE	MAINTENANCE MEASURE	ACTIVITY	SCHEDULE
	1	<ul style="list-style-type: none"><li>INSPECT AND CLEAN WHEN THE SUMP IS HALF FULL OF SILT AND/OR DEBRIS</li></ul>	SEMI-ANNUALLY
EMERGENCY SPILLWAY	MAINTENANCE MEASURE	ACTIVITY	SCHEDULE
	1	<ul style="list-style-type: none"><li>INSPECT FOR SEDIMENT AND LITTER</li><li>REMOVE SEDIMENT, LITTER, LEAVES AND OTHER BUILDUP WITHIN THE LEVEL SPREADER</li></ul>	SEMI-ANNUALLY
OUTLET PROTECTION	MAINTENANCE MEASURE	ACTIVITY	SCHEDULE
	1	<ul style="list-style-type: none"><li>INSPECT FOR SEDIMENT AND DEBRIS BUILDUP AND REMOVE AS NECESSARY</li><li>ENSURE STRUCTURAL INTEGRITY OF RIP RAP HAS NOT BEEN COMPROMISED BY DISCHARGE</li><li>REPAIR OR REPLACE RIP RAP AS NECESSARY</li></ul>	SEMI-ANNUALLY

### GRADING AND DRAINAGE NOTES

- CONTRACTOR SHALL NOTIFY "CALL BEFORE YOU DIG" (1-800-922-4455) AND VERIFY UTILITY MARK-OUT WITH THE OWNER PRIOR TO THE INITIATION OF ANY SITE DISTURBANCE.
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR VERIFICATION OF THE LOCATION AND NATURE OF ALL SUBSURFACE UTILITIES AT THE PROJECT WHICH MAY BE AFFECTED BY THE WORK. COORDINATE WITH RESPECTIVE UTILITY OWNERS AND PERFORM VERIFICATION OF TYPE, LOCATION, AND INVERTS AS REQUIRED.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY AND ALL DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THE CONTRACT DOCUMENTS BEFORE PROCEEDING WITH THAT PORTION OF THE WORK.
- THE LOCATIONS OF EXISTING SITE FEATURES AS SHOWN HAVE BEEN OBTAINED FROM MAPS, SURVEYS, FIELD INSPECTIONS, AND OTHER AVAILABLE INFORMATION. THEY MUST BE CONSIDERED APPROXIMATE BOTH TO LOCATION, SIZE, AND AS-BUILT CONDITION AND ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETERMINING ACTUAL FIELD CONDITIONS.
- THE DIMENSIONS SHOWN ON THE PLANS, INCLUDING THE INTENDED DIMENSIONS OF THE WORK, MAY VARY FROM ACTUAL EXISTING CONDITIONS IN THE FIELD. THE CONTRACTOR SHALL TAKE APPROPRIATE MEASUREMENTS TO VERIFY ALL DIMENSIONS SHOWN ON THE DRAWINGS AS WELL AS OTHER DIMENSIONS HE MAY DEEM APPROPRIATE TO FACILITATE THE COMPLETION OF THE WORK. NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THE CONTRACT DOCUMENTS BEFORE PROCEEDING WITH THAT PORTION OF THE WORK.
- UNLESS OTHERWISE INDICATED, ALL DISTURBED AREAS SHALL BE RESTORED WITH SIX (6) INCHES OF LOAM, SEED, FERTILIZED, AND MULCHED. PROVIDE ADDITIONAL EROSION CONTROLS AS REQUIRED.
- COMPLY WITH CONNECTICUT BUILDING CODE FOR ALL SITE CONSTRUCTION, INCLUDING HANDICAPPED ACCESSIBILITY.
- THE CROSS-SLOPE OF ALL SIDEWALKS AND WALKWAYS SHALL BE LESS THAN 1V:48H (2.08%). UNLESS OTHERWISE INDICATED, THE MAXIMUM RUNNING SLOPE OF ALL SIDEWALKS AND WALKWAYS SHALL BE LESS THAN 1V:20H (5%). VERIFY GRADES AND SLOPES PRIOR TO CONCRETE PLACEMENT. REPORT DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK.
- ENGAGE A CONNECTICUT-LICENSED LAND SURVEYOR TO PERFORM LAND-SURVEYING SERVICES REQUIRED, INCLUDING, BUT NOT LIMITED TO VERIFICATION AND LAYOUT OF BASELINES, PROPOSED IMPROVEMENTS, DIMENSIONS AND ELEVATIONS. REPORT DISCREPANCIES TO THE ENGINEER.
- PROPOSED GRADES INDICATE DESIGN INTENT. VERIFY ELEVATIONS AND MAKE ADJUSTMENTS TO MEET FIELD CONDITIONS. DO NOT PROCEED WITH ANY ADJUSTMENT OR FIELD MODIFICATION UNTIL APPROVED BY THE ENGINEER.
- GRADE TRANSITION BETWEEN TOPOGRAPHIC LINES AND SPOT GRADES SHALL BE UNIFORM UNLESS OTHERWISE INDICATED.
- MAXIMUM LANDSCAPE SLOPES SHALL BE 2(H):1(V) UNLESS OTHERWISE INDICATED. ALL SLOPES STEEPER THAN 3:1 SHALL BE STABILIZED WITH PROPEX PYRAMAT 25 OR ENGINEER APPROVED EQUAL
- ALL DRAINAGE PIPE SHALL BE HIGH DENSITY POLYETHYLENE PIPE (HDPE), UNLESS OTHERWISE INDICATED. SEE SPECIFICATIONS. ALL PROPOSED DRAINAGE PIPE UNDER ROADWAY WITH LESS THAN TWO (2) FEET OF COVER SHALL BE CLASS V RCP.
- THE TOPS, RIMS, FRAMES, GRATES, AND COVERS (AS APPLICABLE) OF ALL UTILITY STRUCTURES THAT ARE TO REMAIN SHALL BE ADJUSTED TO MATCH FINAL GRADE IN A FLUSH CONDITION. ALL NEW UTILITY STRUCTURES SHALL BE INSTALLED WITH TOPS, RIMS, FRAMES, GRATES, AND COVERS (AS APPLICABLE) TO FINAL GRADE IN A FLUSH CONDITION.
- AT THE CONCLUSION OF THE WORK, CONTRACTOR SHALL REMOVE ALL ACCUMULATED SEDIMENT MATERIAL FROM NEW PORTIONS OF THE STORM DRAINAGE SYSTEM.

### GRADING AND DRAINAGE LEGEND

	PROPERTY LINE
	SETBACK LINE
	LIMIT OF DISTURBANCE (CONTRACT LIMIT LINE)
	CONTOURS (5FT AND 1FT LINES)
	YARD DRAIN
	DRAIN LINE



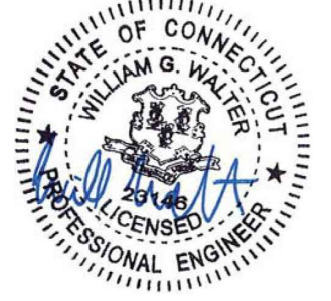
**SLAM**  
The S/L/A/M Collaborative

80 Glastonbury Blvd  
Glastonbury, CT 06033-4410  
phone 860 657.8077  
fax 860 657.3141

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Drawn  
**JPE, JHL**

Checked  
**WW**



**benesch**

Alfred Benesch & Company • www.benesch.com  
120 Hebron Avenue • Glastonbury, Connecticut 06033  
Phone: (860) 633-8341 • Fax: (860) 633-1068



**REGION 14 CENTRAL OFFICE**

**ELLIS CLARK REGIONAL  
AGRISCIENCE & TECHNOLOGY  
PROGRAM BUILDINGS**

**5 MINORTOWN ROAD  
WOODBURY, CT 06798**



**KEYPLAN**

Number	Date	Issued For

**GRADING AND  
DRAINAGE PLAN**

Date  
**03/01/2019**  
Scale

S/L/M Proj. Number  
**18092.00**  
State Proj. Number  
**214-0094 VA/EA**

Drawing Number

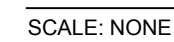
**C-4.0**



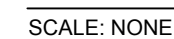




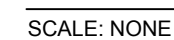
A



# B



C



D

SCALE: NONE



1. CONSTRUCT WASHOUT AREA LARGE ENOUGH TO ENSURE MATERIALS WILL BE CONTAINED WHERE WASTE CONCRETE CAN SOLIDIFY IN PLACE AND EXCESS WATER CAN SAFELY EVAPORATE.
2. WASHOUT AREA SHALL BE LARGE ENOUGH TO RETAIN ALL LIQUID AND WASTE CONCRETE MATERIALS FROM WASHOUT OPERATION.
3. WEEKLY INSPECTIONS OF WASHOUT AREAS SHALL BE CONDUCTED TO ASSESS THE HOLDING CAPACITY AND FUNCTIONALITY OF THE WASHOUT AREA.

## SCALE: NONE

4

*The **S / L / A / M** Collaborative*

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Checked

WW



**ELLIS CLARK REGIONAL  
AGRISCIENCE & TECHNOLOGY  
PROGRAM BUILDINGS**

**5 MINORTOWN ROAD  
WOODBURY, CT 06798**



## KEYPLAN

Number	Date	Issued For

## SITE DETAILS

Date  
**03/01/2019**  
Scale

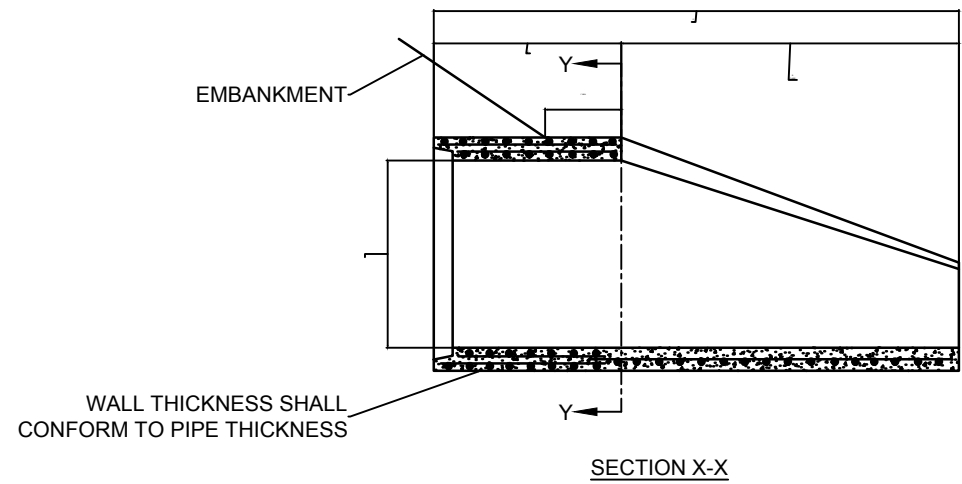
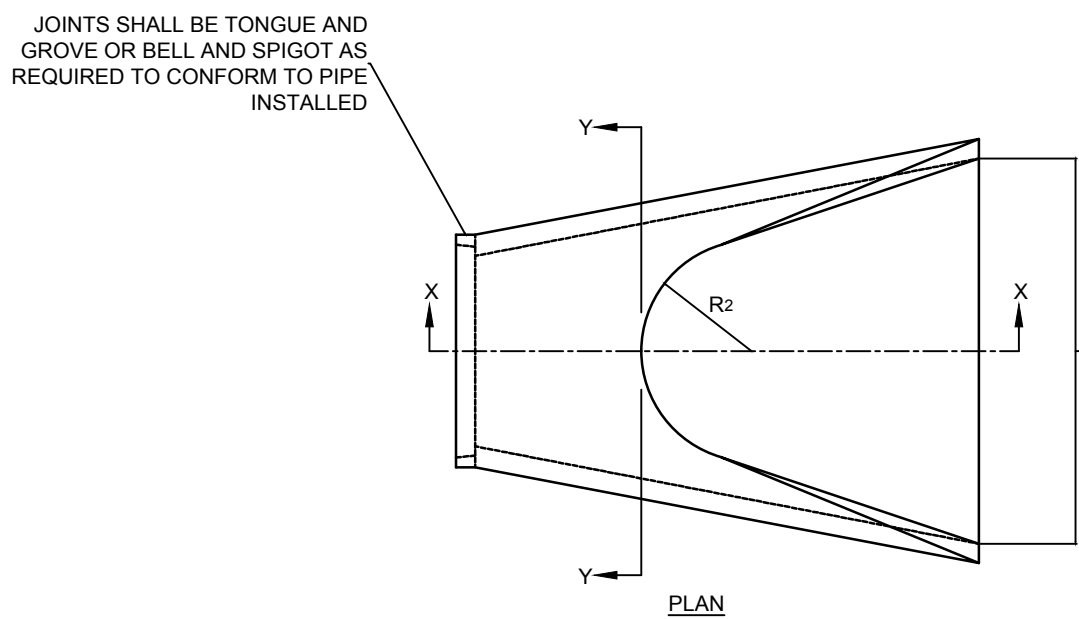
S/L/A/M Proj. Number  
**18092.00**  
State Proj. Number  
**214-0094 VA/EA**

	<i>Drawing Number</i>
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## C-6.0

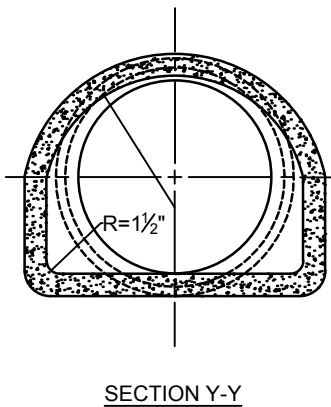
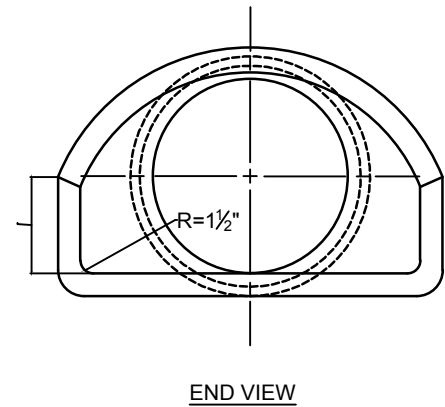


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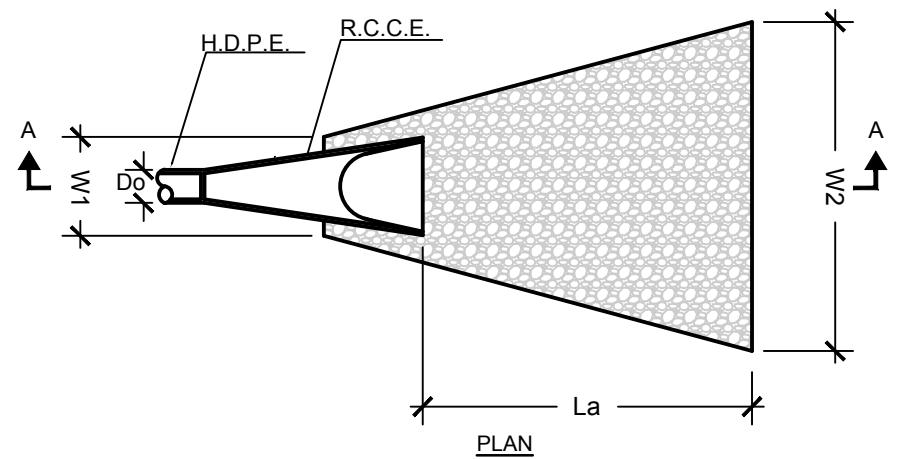


REINFORCED CONCRETE CULVERT END  
SCALE: NONE

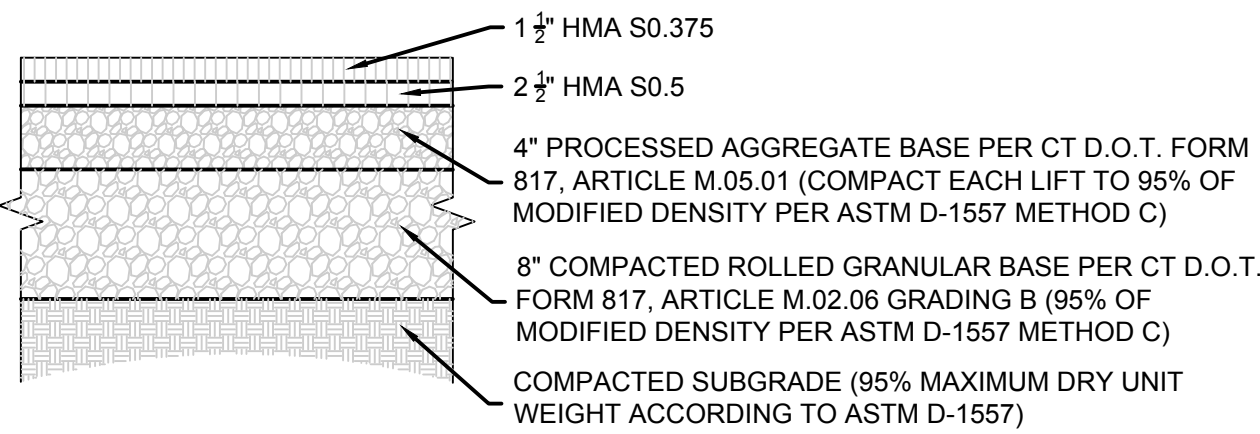
DIMENSIONS FOR REINFORCED CONCRETE CULVERT END									FLARE REINFORCEMENT ONE LAYER ONLY IN CENTER OF WALL	
DIA.	A	B	C	D	E	F	R <sub>1</sub>	R <sub>2</sub>	MIN. AREA OF LONG. STEEL SQ. IN. PER FT.	MIN. AREA OF TRANS. STEEL SQ. IN. PER FT.
12"	4"	2'-0"	4'-0 1/2"	6'-0 1/2"	2'-0"	1'-7 1/4"	10 1/2"	9"	0.048	0.048
15"	6"	2'-3"	3'-10"	6'-1"	2'-6"	2'-0 9/16"	1'-0 9/16"	11"	0.054	0.054
18"	9"	2'-3"	3'-10"	6'-1"	3'-0"	2'-5"	1'-3 3/8"	1'-0"	0.060	0.060
21"	9"	2'-11"	3'-2"	6'-1"	3'-6"	2'-7 1/2"	1'-4"	1'-1"	0.066	0.066
24"	9 1/2"	3'-7 1/2"	2'-6"	6'-1 1/2"	4'-0"	2'-9 9/16"	1'-4 3/8"	1'-2"	0.072	0.072
30"	1'-0"	4'-6"	1'-7 1/2"	6'-1 1/2"	5'-0"	3'-1"	1'-6 1/2"	1'-3"	0.084	0.084
36"	1'-3"	5'-3"	2'-10 1/2"	8'-1 1/2"	6'-0"	3'-11 1/4"	2'-0 9/16"	1'-8"	0.096	0.096
42"	1'-9"	5'-3"	2'-11"	8'-2"	6'-6"	4'-5 1/4"	2'-3 1/2"	1'-10"	0.108	0.108
48"	2'-0"	6'-0"	2'-2"	8'-2"	7'-0"	4'-8 1/2"	2'-4 1/2"	1'-10"	0.120	0.120
54"	2'-3"	5'-5"	2'-11"	8'-4"	7'-6"	5'-5 1/4"	2'-9 1/4"	2'-0"	0.132	0.132
60"	2'-9"	5'-0"	3'-3"	8'-3"	8'-0"	6'-0 1/2"	3'-0 1/4"	2'-0"	0.144	0.144



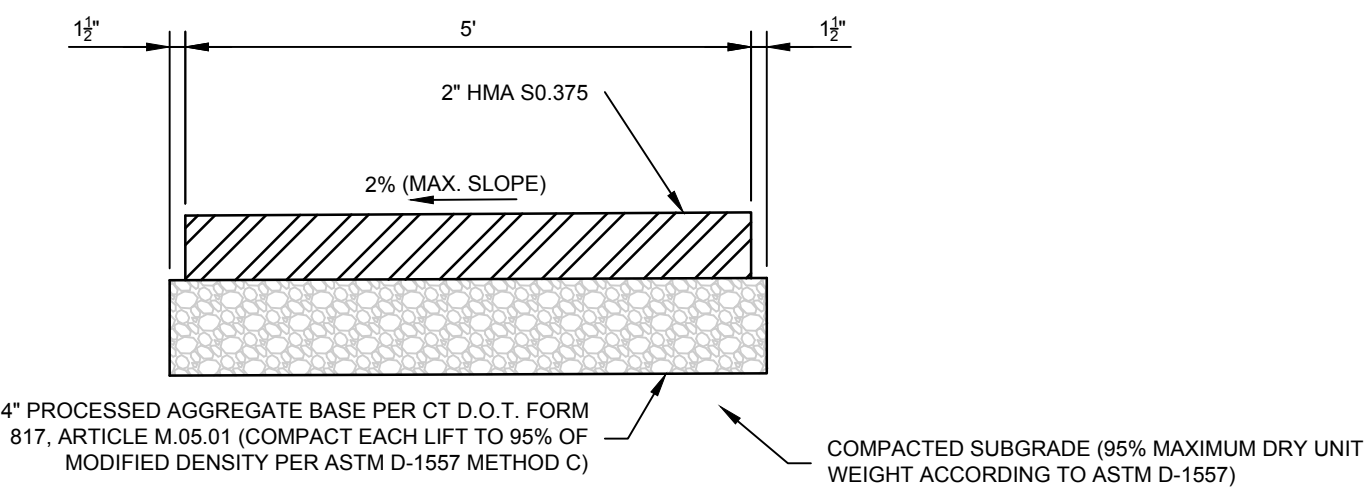
OUTLET	Do (ft)	La (ft)	W1 (ft)	W2 (ft)	SIZE
CE-1	1.25	10	5	8	MODIFIED
CE-2	2.0	21	6	15	INTERMEDIATE



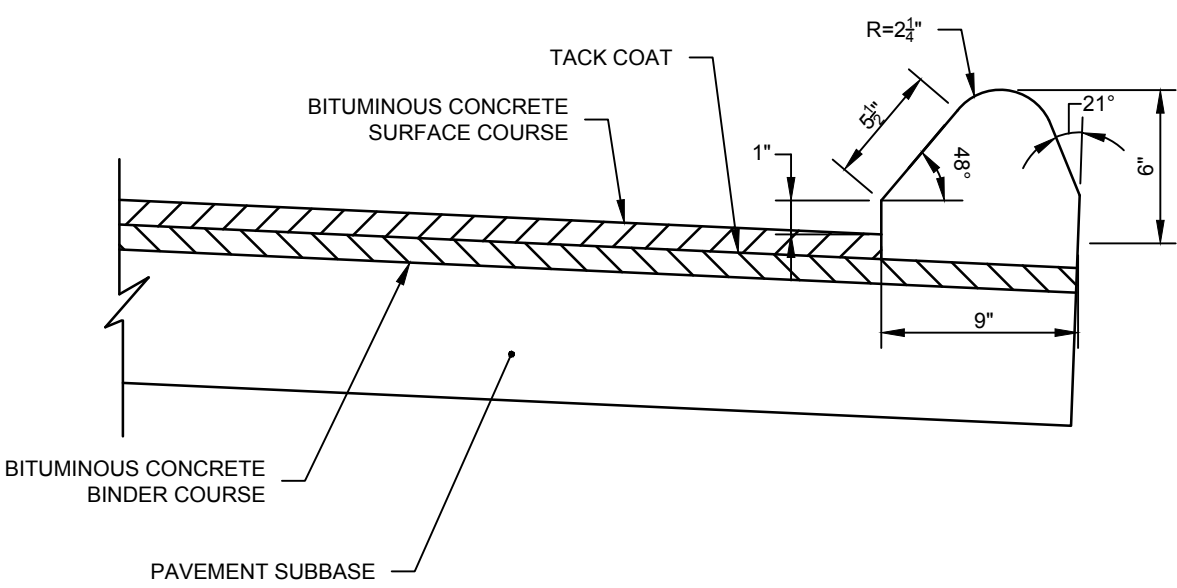
RIP RAP OUTLET PROTECTION  
SCALE: NONE



BITUMINOUS CONCRETE PAVEMENT  
SCALE: NONE

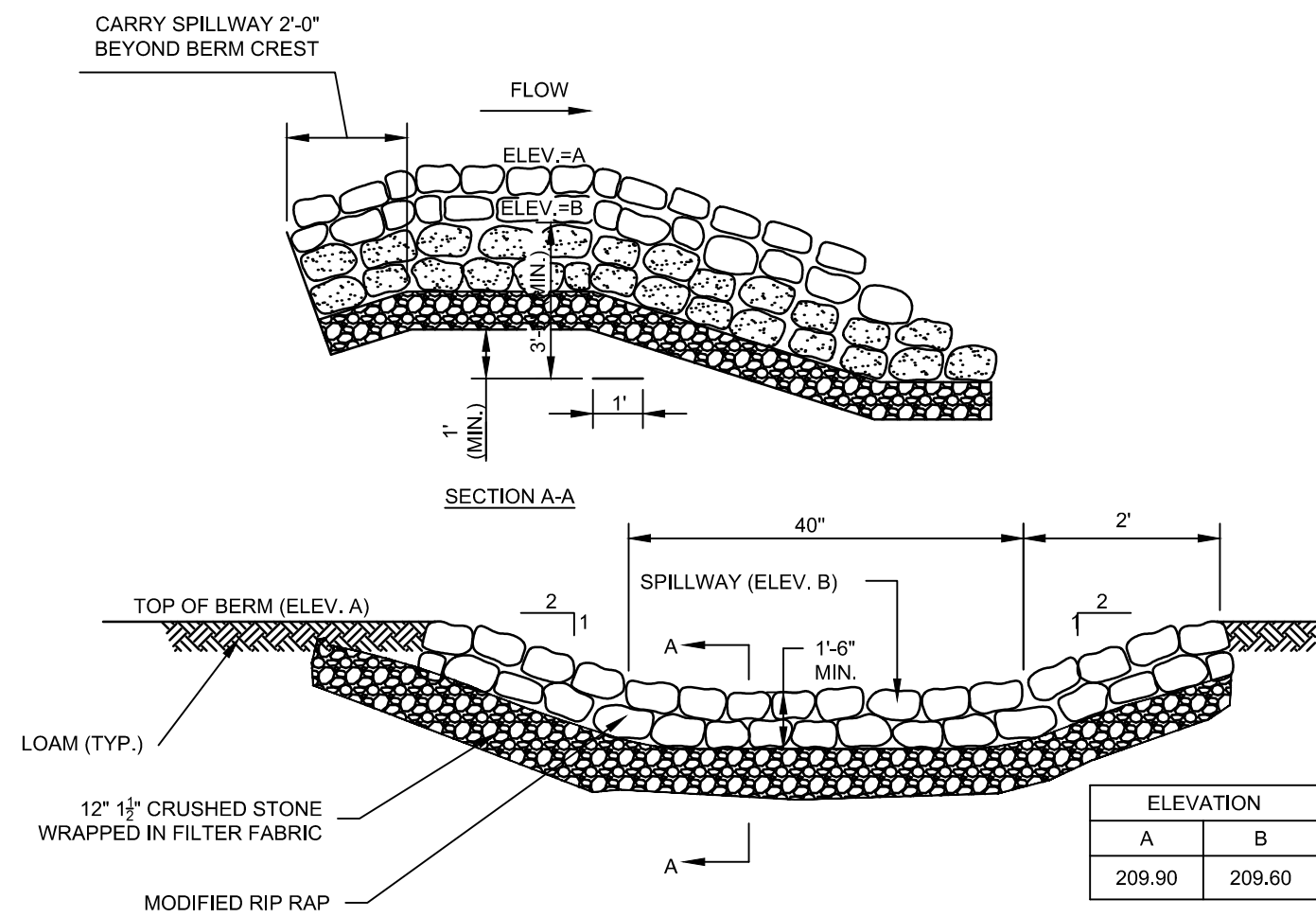


BITUMINOUS CONCRETE SIDEWALK  
SCALE: NONE

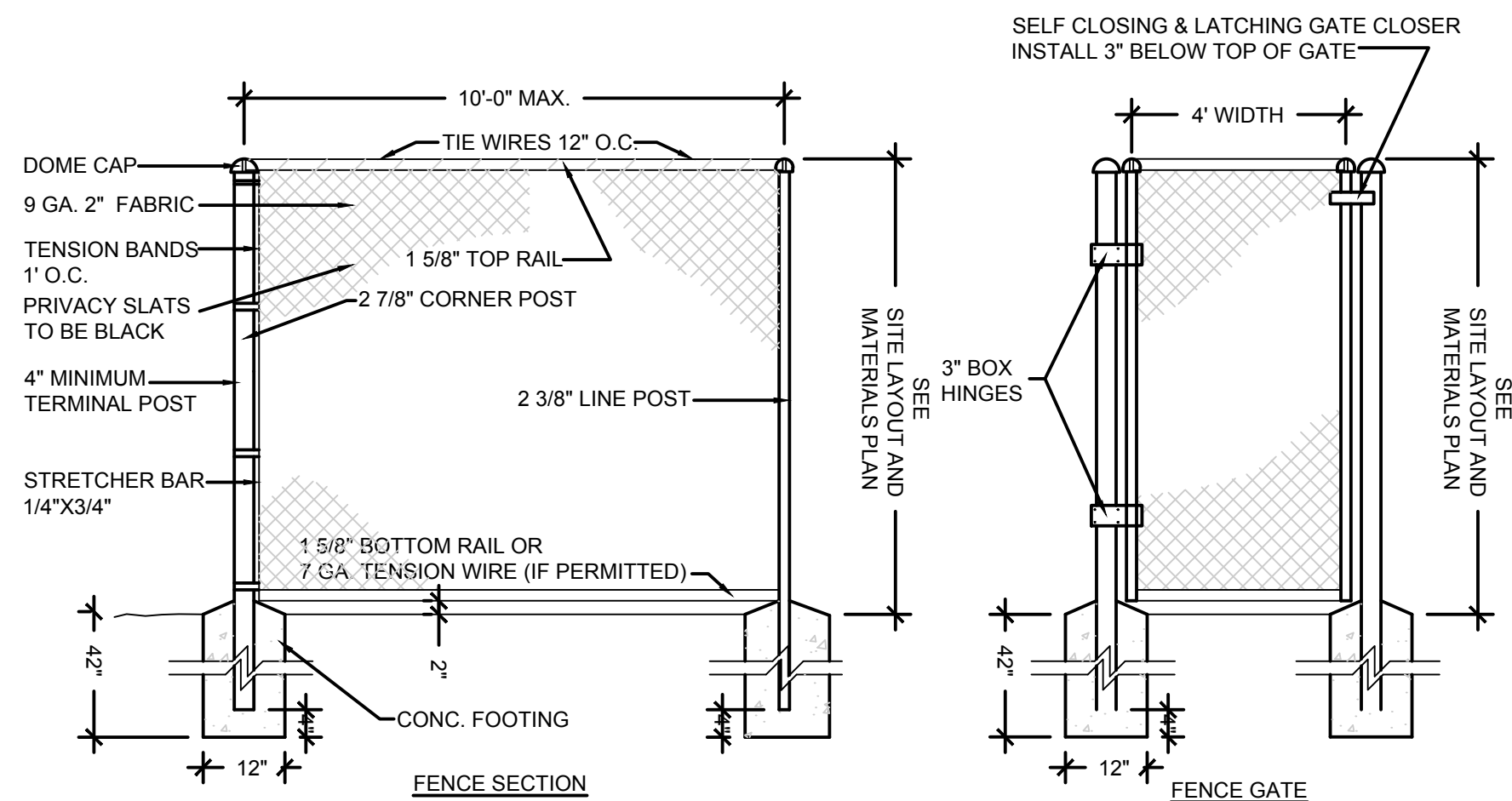


BITUMINOUS CONCRETE CURBING  
SCALE: NONE

B

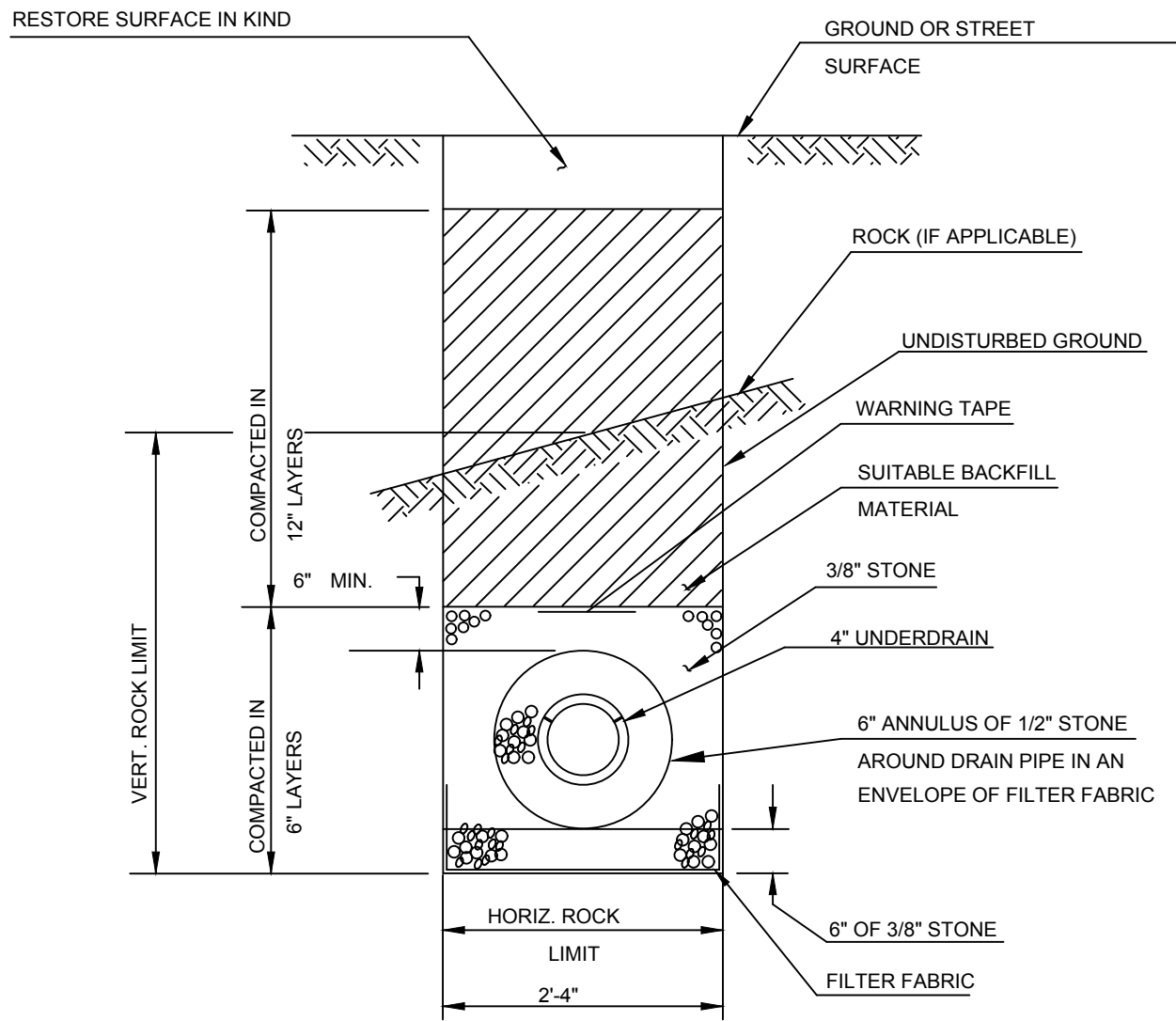


RIP RAP LEVEL SPREADER  
SCALE: NONE  
SM-115-CT

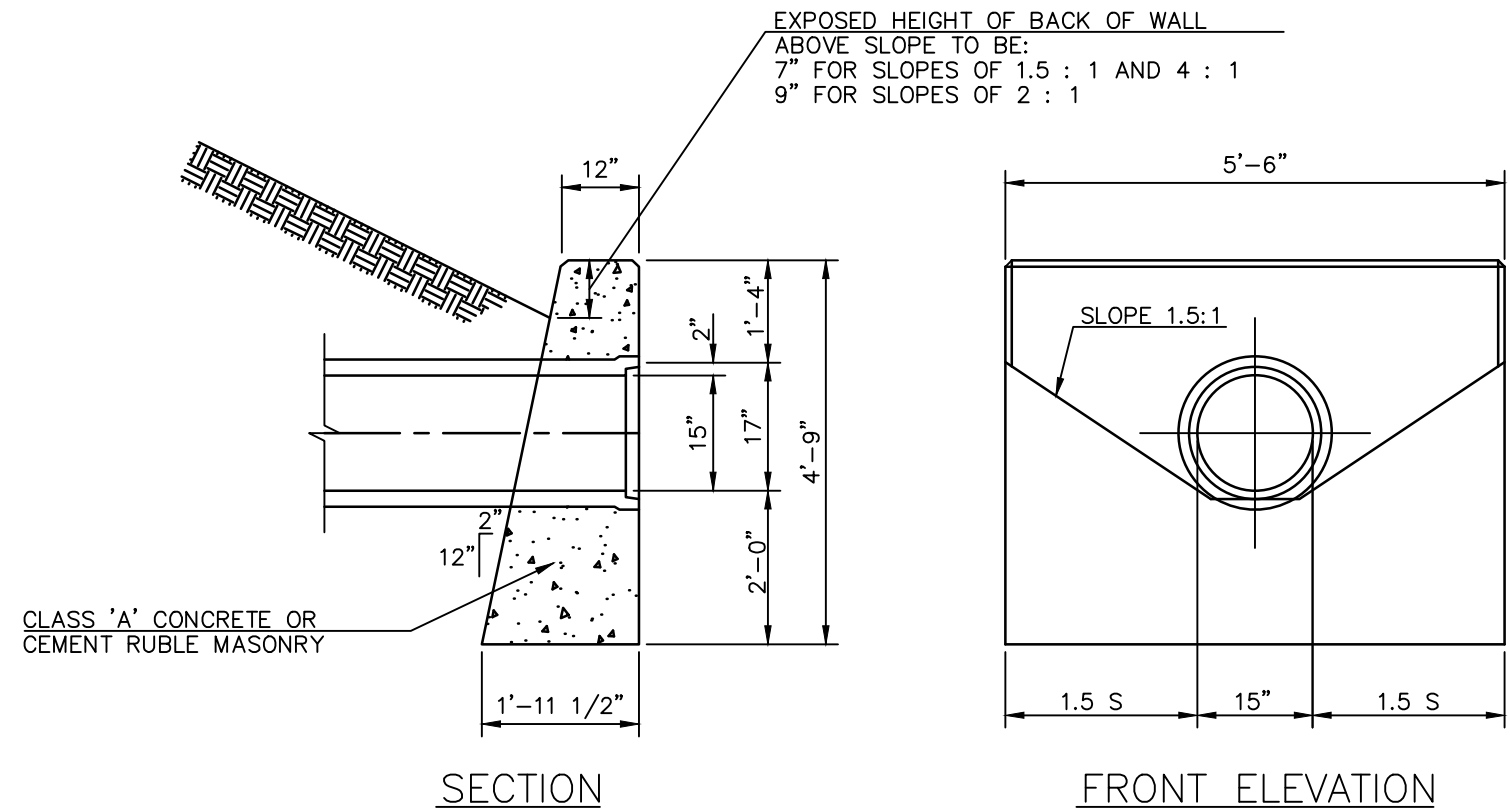


CHAIN LINK FENCE & GATE  
SCALE: NONE

C

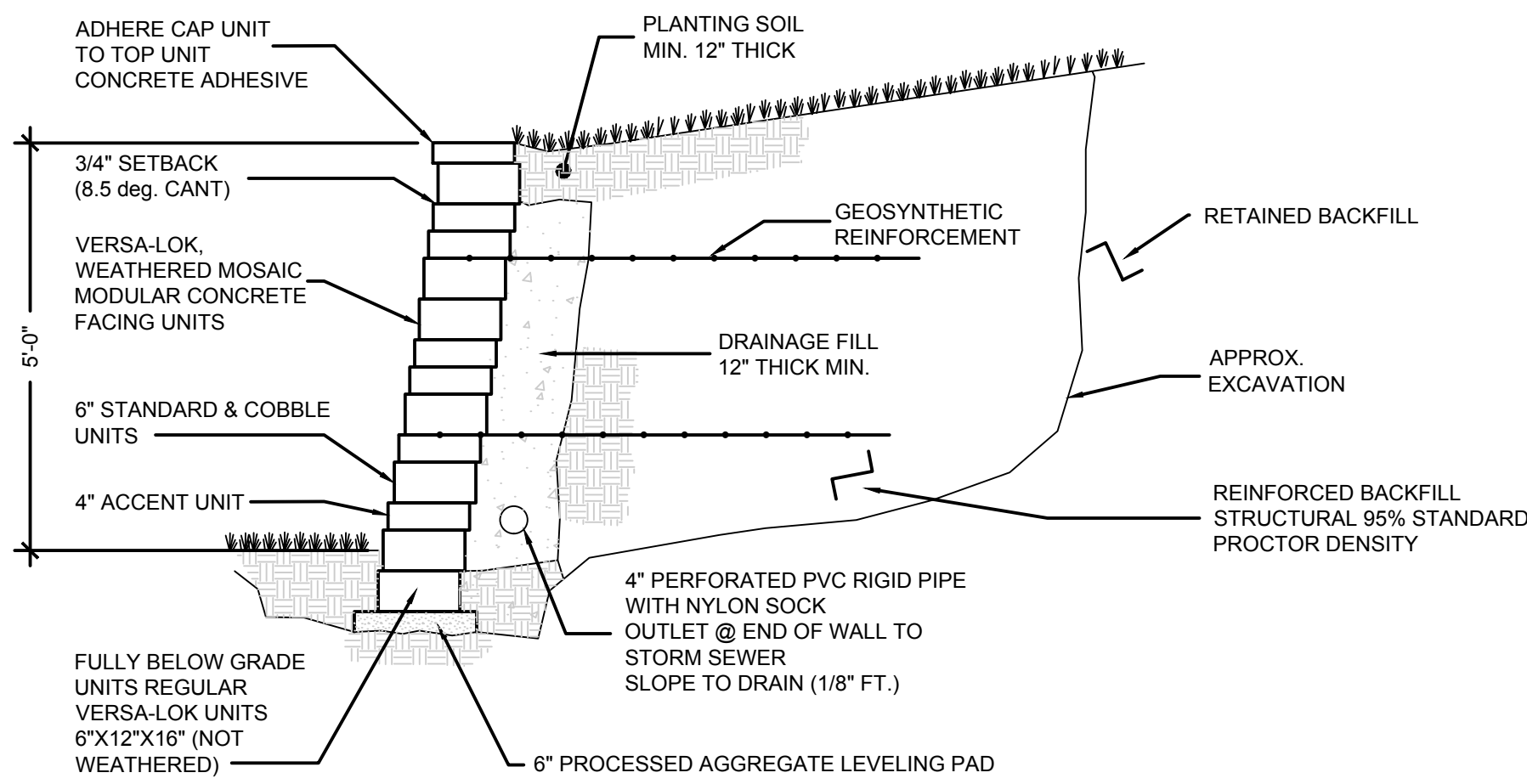


UNDERDRAIN DETAIL  
SCALE: NONE



STANDARD ENDWALL  
SCALE: NONE

3



CONCRETE BLOCK RETAINING WALL  
SCALE: NONE

4

**SLAM**  
The **S/L/A/M** Collaborative

80 Glastonbury Blvd  
Glastonbury, CT 06033-4410  
phone 860 657.8077  
fax 860 657.3141

www.slamcoll.com

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REGION 14 CENTRAL OFFICE

ELLIS CLARK REGIONAL  
AGRISCIENCE & TECHNOLOGY  
PROGRAM BUILDINGS

5 MINORTOWN ROAD  
WOODBURY, CT 06798



KEYPLAN

Number	Date	Issued For

SITE DETAILS

Date  
**03/01/2019**  
Scale  
**18092.00**  
S/L/A/M Proj. Number  
State Proj. Number  
**214-0094 VA/EA**

Drawing Number

**C-6.1**



A

B

- D

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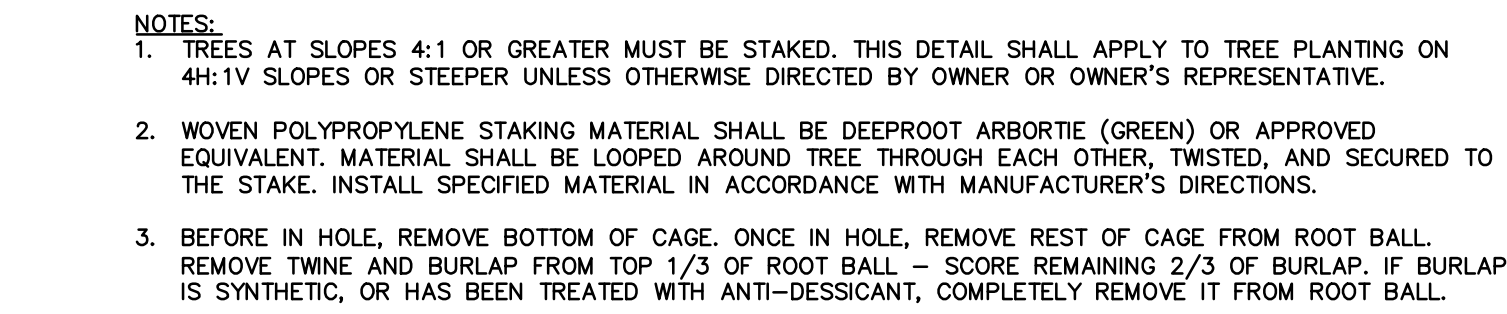
4

- NOTES:**
1. INLET SHALL BE 30"x30" CONCRETE AREA DRAIN, AS MANUFACTURED BY ARROW CONCRETE, OR ENGINEER APPROVED EQUAL.
  2. CONCRETE STRENGTH SHALL BE 4,000 PSI AT 28 DAYS.
  3. REINFORCING STEEL - ASTM 615 AND A62 OR AT 1855 SPECIFICATIONS.
  4. #20 DESIGN LOADING PER AASHTO HS-20-44.
  5. BUTYL RUBBER JOINT SEALANT - (MODEL C990-91).
  6. 4" DRAIN BOX SHALL BE #3 (MODEL DABK03) UNLESS DEPTH OF INVERT PIPE OUT REQUIRES THE USE OF 4" DRAIN BOX (MODEL DABK04).
7. FRAME AND GRATE PAIR SHALL BE ONE OF THE FOLLOWING:
- A. STANDARD GRATE SHALL BE NEEENAH INLET FRAME/GRATE R-2570 OR ENGINEER APPROVED EQUAL.
  - B. ADA STANDARD GRATE SHALL BE NEEENAH INLET FRAME/GRATE R-2569 OR ENGINEER APPROVED EQUAL.
  - C. STANDARD BEEHIVE GRATE SHALL BE NEEENAH INLET FRAME/BEEHIVE GRATE R-2564 OR ENGINEER APPROVED EQUAL.
- SEE DRAWINGS FOR SPECIFIC LOCATIONS OF TYPE SELECTED.





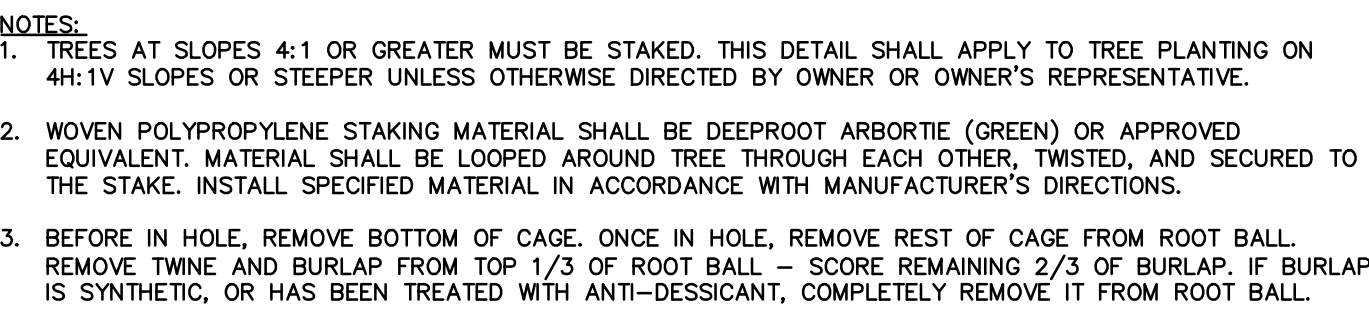
## SCALE: NONE



## SCALE: NONE



## SCALE: NONE



## SCALE: NONE

