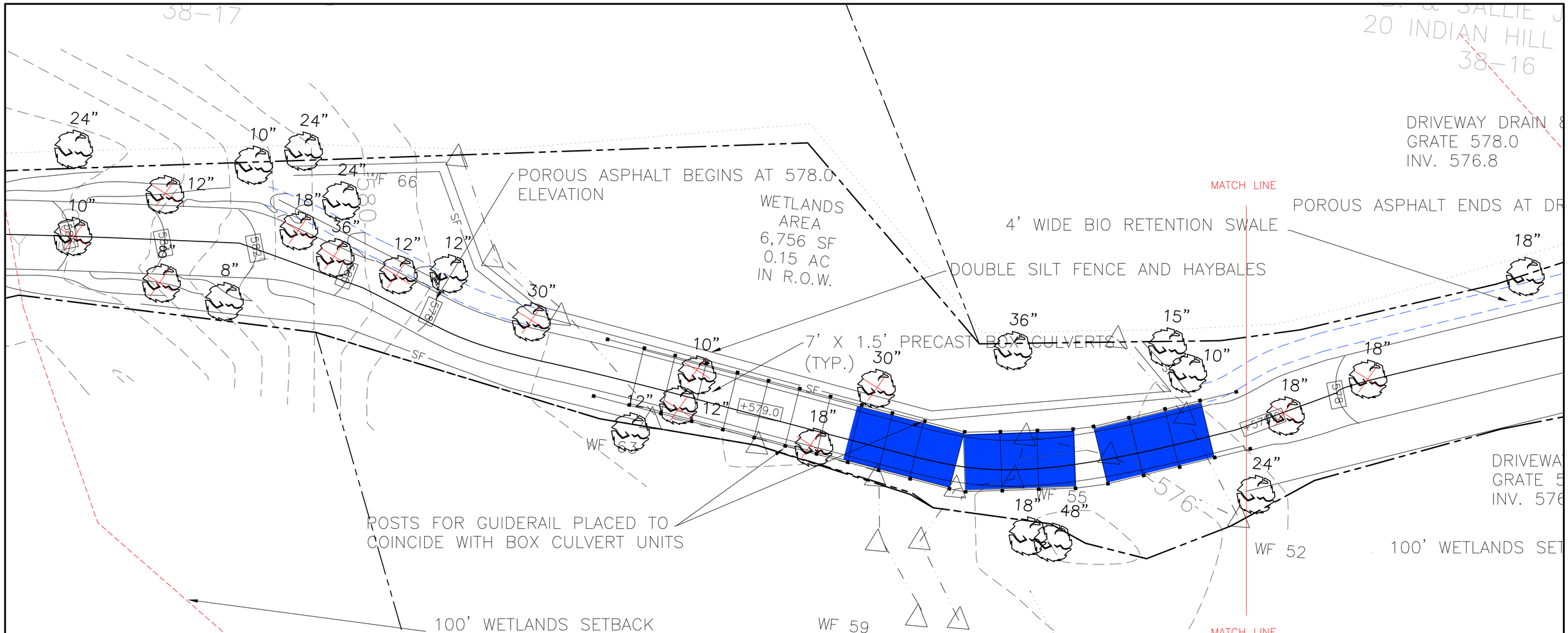


NO CURBING ALONG POROUS ASPHALT IN WETLANDS SECTION OF DRIVEWAY.

DRIVEWAY MINIMUM 10' WIDE, WIDENING TO 15' IN AREAS AS SHOWN ON PLAN.

DRIVEWAY SECTION IN WETLANDS BASIN TO CONSIST OF POROUS ASPHALT.

4" PERFORATED DRAIN PVC TO BE PLACED AT BOTTOM OF AGGREGATE STORAGE BASE AT 10' INTERVALS OVER CULVERT AREA. EITHER END TO BE OPEN OVER SIDE OF CULVERTS.

GRAPHIC SCALE

10 0 10 20

1 inch = 10 feet

STATE OF CONNECTICUT
CHRISTIAN D'ANDREA
No. 24877
LICENSED PROFESSIONAL ENGINEER

10-14-23
date

REV. 12/13/23: PER ENGINEERING COMMENTS.
REV. 11/10/23: PER ENGINEERING COMMENTS.

OLD DRIFTWAY LLC

0 MOUNTAIN ROAD WILTON, CONNECTICUT

RIGHT OF WAY PLAN WETLANDS CLOSEUP

CIVIL ENGINEERS

2168 project

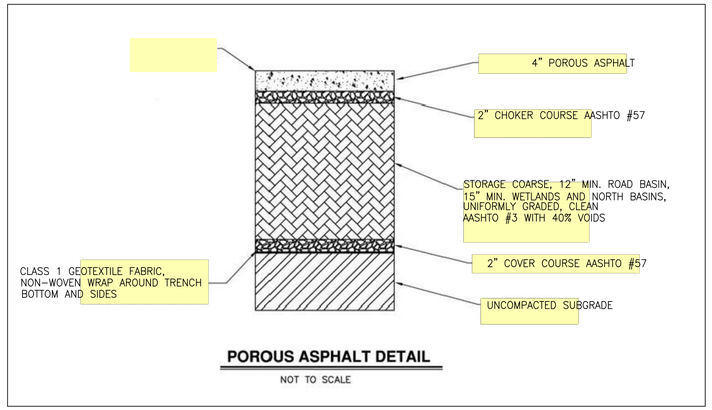
4 OF 6 sheet

Fairfield County Engineering LLC

FAIRFIELD COUNTY ENGINEERING L.L.C.

60 WINFIELD STREET, NORWALK, CONNECTICUT 06855 PH: (203) 831-8005 FAX: (203) 831-8006

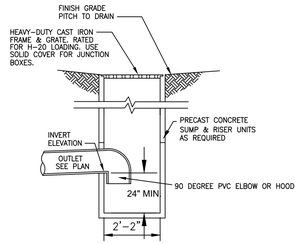
2168_231213ROW



POROUS ASPHALT DETAIL

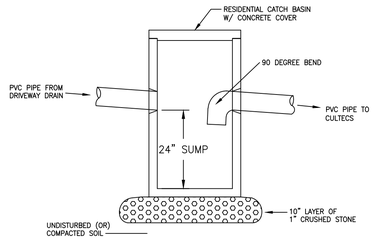
NOT TO SCALE

NOTE: SOILS BENEATH AGGREGATE SHALL BE SCARIFIED OR TILLED PRIOR TO INSTALLATION OF AGGRAGATE.



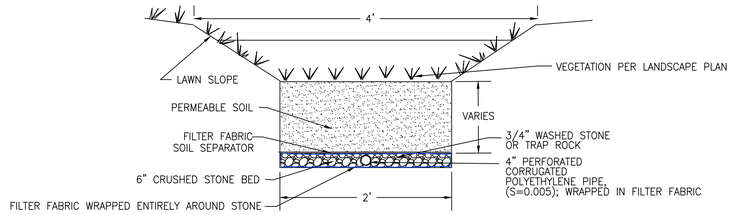
DRIVEWAY DRAIN

NOT TO SCALE



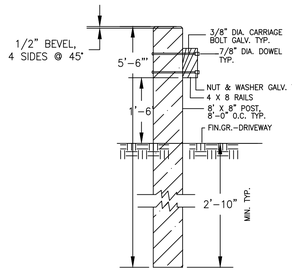
COARSE PARTICLE SEPARATOR

NOT TO SCALE



BIO RETENTION SWALE

NOT TO SCALE



NOTES

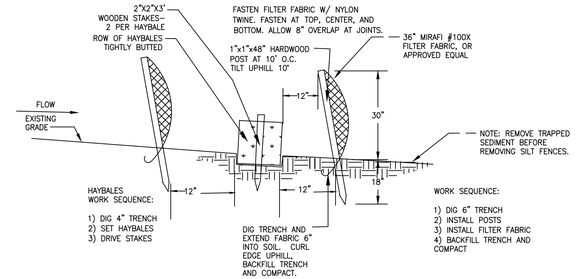
1. ALL FENCING SHALL BE AS SUPPLIED BY WALPOLE WOODWORKERS, WALPOLE, MASS. OR APPROVED EQUAL.
2. ALL FENCE MATERIAL SHALL BE ROUGH- SAWN NORTHERN WHITE CEDAR TO THE DIMENSIONS SHOWN ON THESE PLANS.
3. ALL FENCE POSTS SHALL BE TREATED WITH CREOSOTE ON ALL SIDES FOR 3 FT. FROM BUTT END OF POST.
4. POSTS SHALL BE EXTENDED TO MAINTAIN A MINIMUM BURIAL DEPTH OF 2'-10" TO ACCOMODATE CHANGES IN GRADE.
5. FENCE LINE TOP & BOTTOM SHALL BE INSTALLED STRAIGHT AND TRUE. ALL POSTS SHALL BE INSTALLED PARALLEL AND PLUMB. ALL RAILS SHALL BE PARALLEL AND TRUE.

WOOD GUIDERAIL

NOT TO SCALE

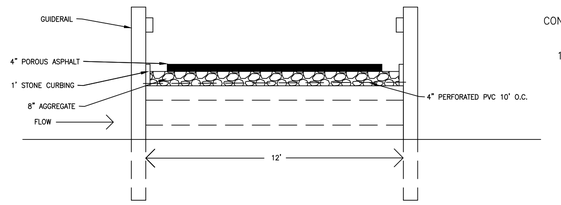
CONSTRUCTION SEQUENCE

1. Install silt fencing along both sides of R.O.W.
2. Install double silt fencing and haybales along wetlands.
3. Install mud anti tracking pad at entry.
4. Engage herpetologist as necessary.
5. Grade driveway, place box culverts.
6. Install driveway drains, coarse particle separators.
7. Install swales, plantings as indicated on Landscape Plan.
8. Pave porous and regular asphalt areas of driveway.
9. Fine grade, topsoil and seed all areas as necessary.
10. Remove erosion controls once site is stabilized.



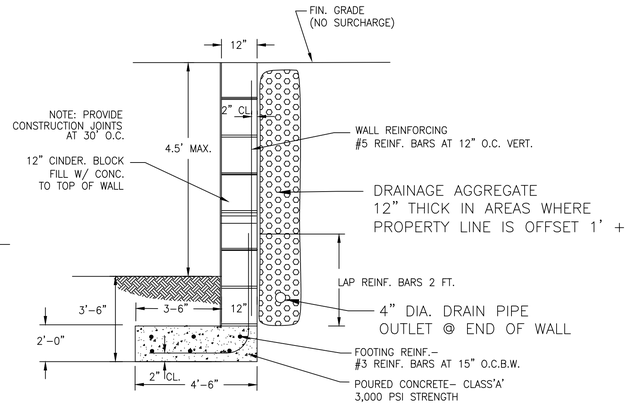
DOUBLE SILT FENCE W/HAYBALES

NOT TO SCALE



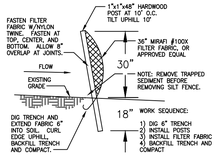
BOX CULVERT DRIVEWAY CROSS SECTIOM

NOT TO SCALE



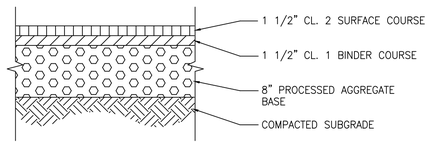
CONCRETE BLOCK RETAINING WALL

NOT TO SCALE



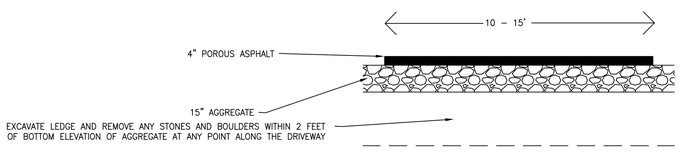
SILT FENCE

NOT TO SCALE



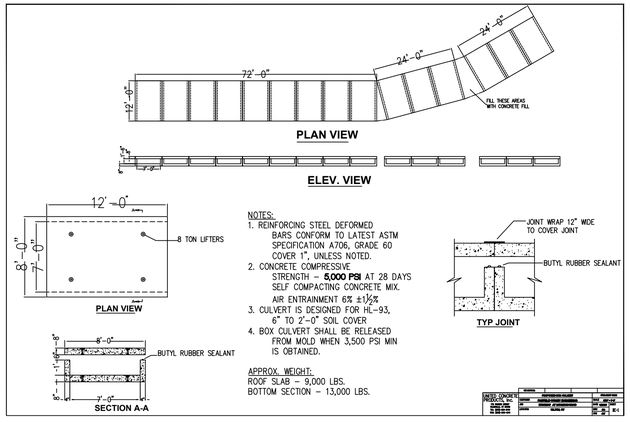
DRIVEWAY PAVEMENT

NOT TO SCALE



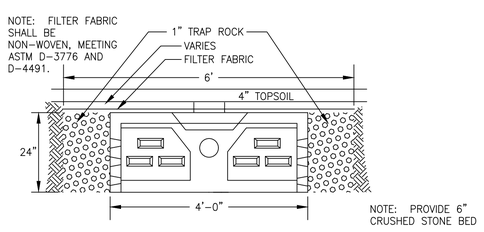
DRIVEWAY CROSS SECTIOM

NOT TO SCALE



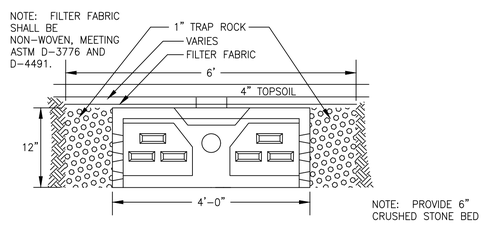
NOTES:
1. REINFORCING STEEL DEFORMED BARS CONFORM TO LATEST ASTM SPECIFICATION A706, GRADE 60 COVER 1", UNLESS NOTED.
2. CONCRETE COMPRESSIVE STRENGTH - **5,000 PSI** AT 28 DAYS SELF COMPACTING CONCRETE MIX. AIR ENTRAINMENT 6% ±1½%
3. CULVERT IS DESIGNED FOR HL-93, 6" TO 2'-0" SOIL COVER
4. BOX CULVERT SHALL BE RELEASED FROM MOLD WHEN 3,500 PSI MIN IS OBTAINED.

APPROX. WEIGHT:
ROOF SLAB - 9,000 LBS.
BOTTOM SECTION - 13,000 LBS.



24" LEACHING GALLERY H 20 RATED

NOT TO SCALE



12" LEACHING GALLERY H 20 RATED

NOT TO SCALE

FCE Project #	2168	**Date Performed:**	10/6/2023
Client:	Old Driftway LLC		
Location:	0 Mountain Road, Wilton		
Observed by:	Wayne D'Avanzo		
Test Hole 1:			
	0-4"	Topsoil	
	4-38"	Tan Fine Gravel, rocky	
	No Ground Water		
	No Mottling		
	No Ledge		
	Compacted at 38"		
	Roots to 30"		
Test Hole 2:			
	0-4"	Topsoil	
	4-24"	Tan Fine Gravel	
	No Ground Water		
	No Mottling		
	Ledge @ 24"		
	Roots to 19"		
Test Hole 3:			
	0-5"	Topsoil	
	5-45"	Tan Fine Gravel, rocky	
	No Ground Water		
	No Mottling		
	No Ledge		
	Roots to 28"		
Test Hole 4:			
	0-4"	Topsoil	
	4-20"	Brown Fine Gravel	
	No Ground Water		
	No Mottling		
	Ledge @ 20"		
	Roots to 12"		

STATE OF CONNECTICUT WAYNE J. D'AVANZO No. 24877 LICENSED PROFESSIONAL ENGINEER

10-14-23 date

Fairfield County Engineering LLC

REV. 12/13/23: PER ENGINEERING COMMENTS.
REV. 11/10/23: PER ENGINEERING COMMENTS.

OLD DRIFTWAY LLC

0 MOUNTAIN ROAD — WILTON, CONNECTICUT

DETAIL SHEET

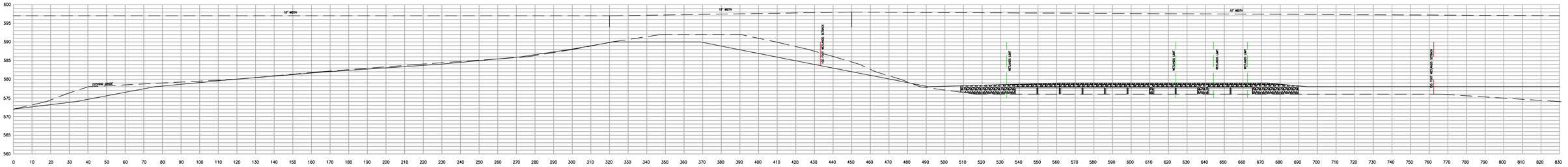
CIVIL ENGINEERS

2168 project

6 OF 6 sheet

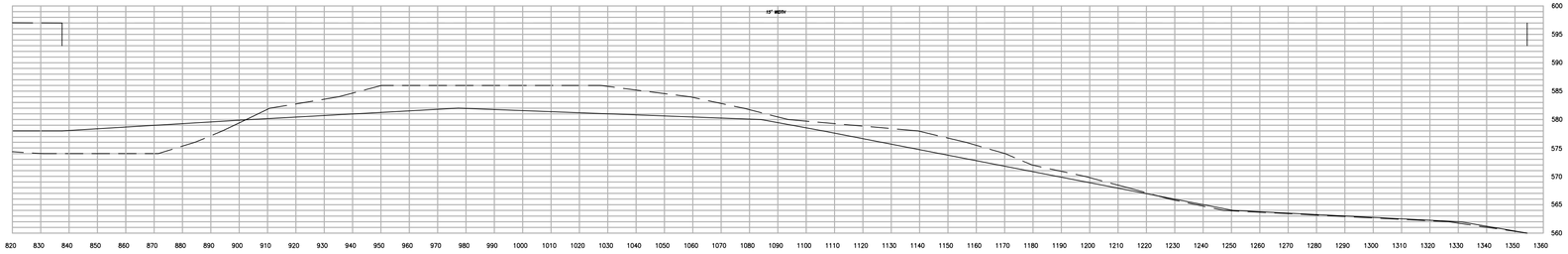
FAIRFIELD COUNTY ENGINEERING L.L.C.
60 WINFIELD STREET, NORWALK, CONNECTICUT 06855 PH: (203) 831-8005 FAX: (203) 831-8006

2168_231213ROW



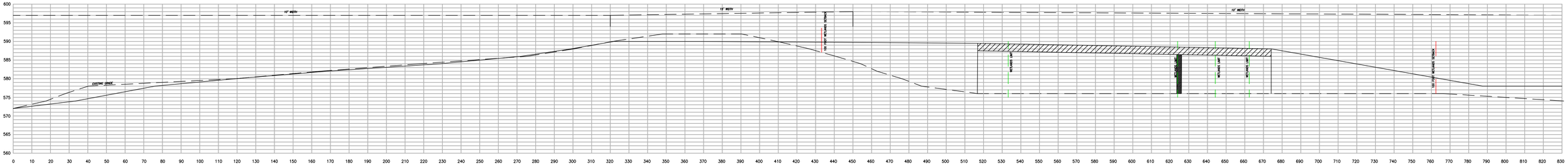
DRIVEWAY PROFILE

SCALE– H: 1"–25'
V: 1"–12.5'



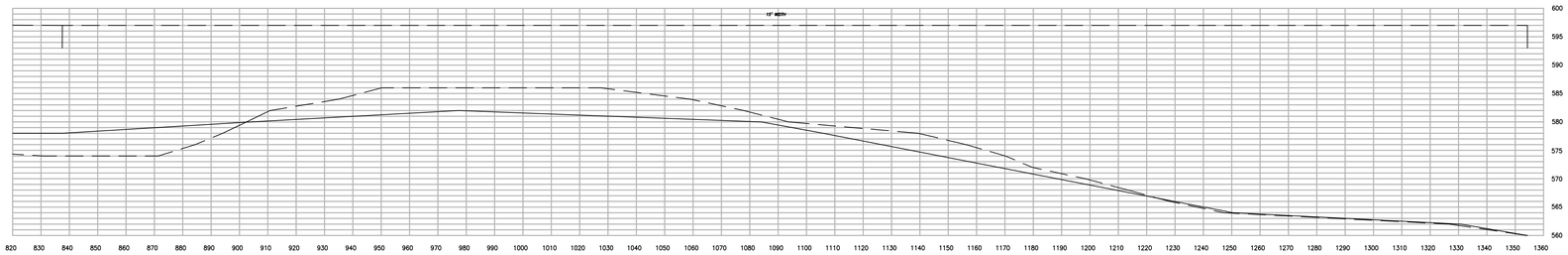
DRIVEWAY PROFILE

SCALE– H: 1"–25'
V: 1"–12.5'



DRIVEWAY PROFILE (ALTERNATE – BRIDGE)

SCALE– H: 1"–25'
V: 1"–12.5'



DRIVEWAY PROFILE (ALTERNATE – BRIDGE)

SCALE– H: 1"–25'
V: 1"–12.5'

STATE OF CONNECTICUT
MATTHEW J. D'AVANZO
No. 24877
LICENSED PROFESSIONAL ENGINEER

10–14–23
date

Fairfield County Engineering LLC

REV. 12/13/23: PER ENGINEERING COMMENTS.
REV. 11/10/23: PER ENGINEERING COMMENTS.

OLD DRIFTWAY LLC

0 MOUNTAIN ROAD WILTON, CONNECTICUT

DETAIL SHEET

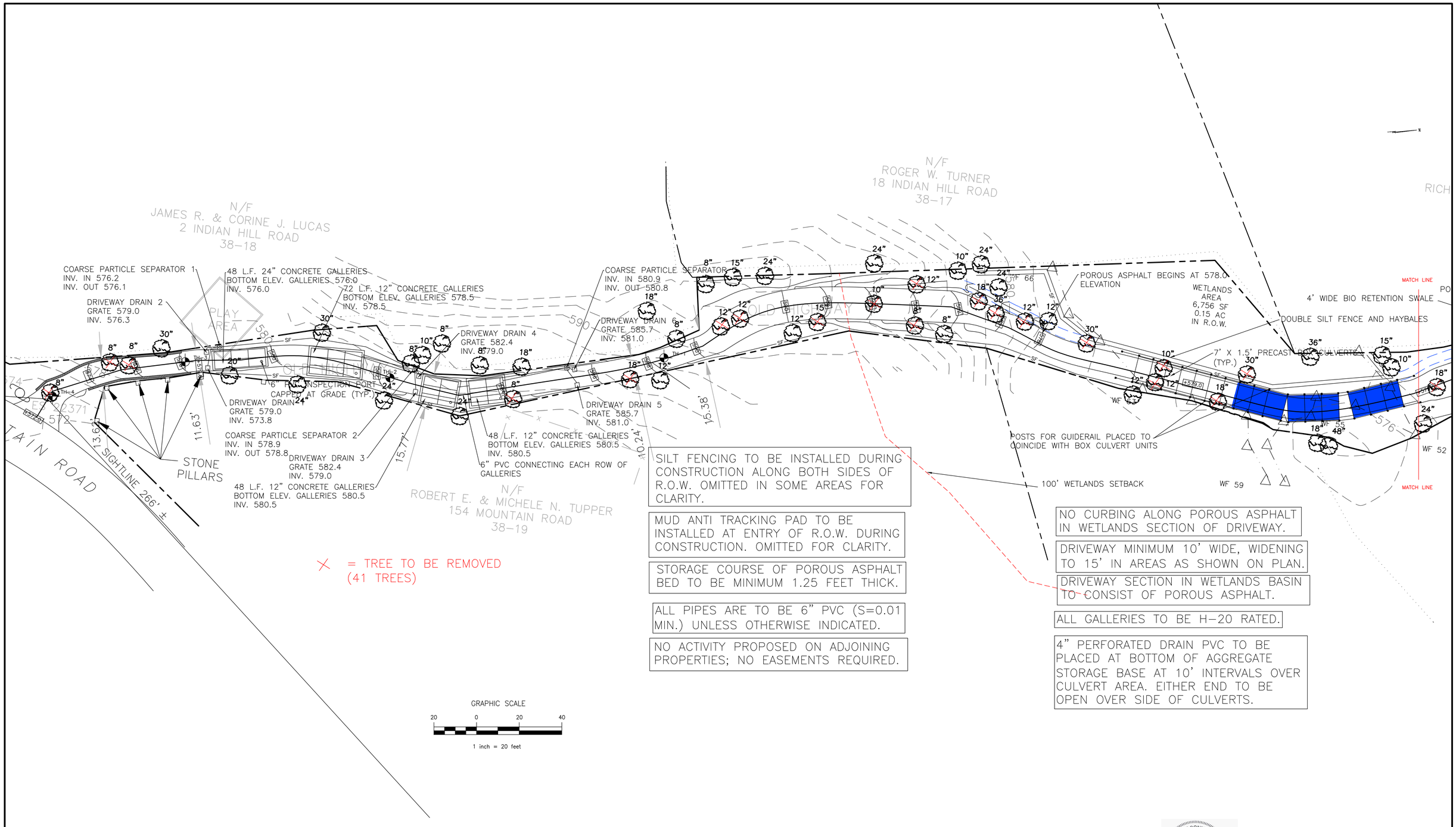
CIVIL ENGINEERS

2168
project

5 OF 6
sheet

FAIRFIELD COUNTY ENGINEERING L.L.C.
60 WINFIELD STREET, NORWALK, CONNECTICUT 06855 PH: (203) 831–8005 FAX: (203) 831–8006

2168_231213ROW



X = TREE TO BE REMOVED
(41 TREES)

GRAPHIC SCALE
20 0 20 40
1 inch = 20 feet

SILT FENCING TO BE INSTALLED DURING CONSTRUCTION ALONG BOTH SIDES OF R.O.W. OMITTED IN SOME AREAS FOR CLARITY.

MUD ANTI TRACKING PAD TO BE INSTALLED AT ENTRY OF R.O.W. DURING CONSTRUCTION. OMITTED FOR CLARITY.

STORAGE COURSE OF POROUS ASPHALT BED TO BE MINIMUM 1.25 FEET THICK.

ALL PIPES ARE TO BE 6" PVC (S=0.01 MIN.) UNLESS OTHERWISE INDICATED.

NO ACTIVITY PROPOSED ON ADJOINING PROPERTIES; NO EASEMENTS REQUIRED.

NO CURBING ALONG POROUS ASPHALT IN WETLANDS SECTION OF DRIVEWAY.

DRIVEWAY MINIMUM 10' WIDE, WIDENING TO 15' IN AREAS AS SHOWN ON PLAN.

DRIVEWAY SECTION IN WETLANDS BASIN TO CONSIST OF POROUS ASPHALT.

ALL GALLERIES TO BE H–20 RATED.

4" PERFORATED DRAIN PVC TO BE PLACED AT BOTTOM OF AGGREGATE STORAGE BASE AT 10' INTERVALS OVER CULVERT AREA. EITHER END TO BE OPEN OVER SIDE OF CULVERTS.

STATE OF CONNECTICUT
CHRISTINE J. BANKS
No. 24877
LICENSED PROFESSIONAL ENGINEER

REV. 12/13/23: PER ENGINEERING COMMENTS.
REV. 11/10/23: PER ENGINEERING COMMENTS.

OLD DRIFTWAY LLC

0 MOUNTAIN ROAD WILTON, CONNECTICUT

10–14–23
date

RIGHT OF WAY PLAN SOUTH

CIVIL ENGINEERS

2168
project

2 OF 6
sheet

FAIRFIELD COUNTY ENGINEERING L.L.C.
60 WINFIELD STREET, NORWALK, CONNECTICUT 06855 PH: (203) 831–8005 FAX: (203) 831–8006

2168_231213ROW

N/F
RICHARD B. & SALLIE JEAN MITCHELL
20 INDIAN HILL ROAD
38–16

N/F
PAUL & MICHELE O'GRADY
32 INDIAN HILL ROAD
39–58

N/F
STATE OF CONNECTICUT
MOUNTAIN ROAD
38–20

N/F
DAVID M. & KIMBERLY C. KENNEDY
18 THUNDER LAKE ROAD
39–52

N/F
STATE OF CONNECTICUT
132 MOUNTAIN ROAD
25–3

MATCH LINE

EXPOSED ROCK

DRIVEWAY DRAIN 8
GRATE 578.0
INV. 576.8

COARSE PARTICLE SEPARATOR 5
INV. IN 576.7
INV. OUT 576.6

COARSE PARTICLE SEPARATOR 4
INV. IN 576.7
INV. OUT 576.6

DRIVEWAY DRAIN 10
GRATE 579.5
INV. 576.8

64 L.F. 12" CONCRETE GALLERIES
BOTTOM ELEV. GALLERIES 572.5
INV. 572.5

DRIVEWAY DRAIN 12
GRATE 577.4
INV. 572.9

DRIVEWAY DRAIN 14
GRATE 570.0
INV. 567.8

DRIVEWAY DRAIN 16
GRATE 559.5
INV. 555.8

DRIVEWAY DRAIN 17
GRATE 557.0
INV. 555.9

COARSE PARTICLE SEPARATOR 7
INV. IN 555.7
INV. OUT 555.6

POROUS ASPHALT ENDS AT DRAINS

NTION SWALE

D HAYBALES

DRIVEWAY DRAIN 9
GRATE 579.5
INV. 576.8

120 L.F. 12" CONCRETE GALLERIES
BOTTOM ELEV. GALLERIES 576.5
INV. 576.5

DRIVEWAY DRAIN 11
GRATE 577.4
INV. 572.9

DRIVEWAY DRAIN 13
GRATE 570.0
INV. 567.8

COARSE PARTICLE SEPARATOR 6
INV. IN 567.7
INV. OUT 567.6

64 L.F. 24" CONCRETE GALLERIES
BOTTOM ELEV. GALLERIES 567.5
INV. 567.5

DRIVEWAY DRAIN 7
GRATE 578.0
INV. 576.8

WF 52

100' WETLANDS SETBACK

DRIVEWAY DRAIN 15
GRATE 561.0
INV. 555.0

120 L.F. CONCRETE GALLERIES
BOTTOM ELEV. GALLERIES 555.5
INV. 555.5

DRIVEWAY DRAIN
GRATE 557.0
INV. 555.9

COARSE PARTICLE SEPARATOR 8
INV. IN 555.7
INV. OUT 555.6

N 89°30'10" W
12.71'

S 69°49'02" W
19.29'

S 51°40'29" W
19.43'

S 81°21'32" W
21.60'

S 08°45'27" W
15.49'

S 22°45'34" W
29.06'

EXISTING PERVIOUS SURFACE 71,642 SF
EXISTING IMPERVIOUS SURFACE CONNECTED TO WATERCOURSE 0 SF
EXISTING IMPERVIOUS SURFACE NOT CONNECTED TO WATERCOURSE 0 SF
PROPOSED PERVIOUS SURFACE 52,959 SF
PROPOSED IMPERVIOUS SURFACE CONNECTED TO WATERCOURSE 1789 SF
PROPOSED IMPERVIOUS SURFACE NOT CONNECTED TO WATERCOURSE 6415 SF

GRAPHIC SCALE
20 0 20 40
1 inch = 20 feet

STATE OF CONNECTICUT
CHRISTOPHER J. D'AURIA
No. 24877
LICENSED PROFESSIONAL ENGINEER

10–14–23
date

REV. 12/13/23: PER ENGINEERING COMMENTS.
REV. 11/10/23: PER ENGINEERING COMMENTS.

OLD DRIFTWAY LLC

0 MOUNTAIN ROAD WILTON, CONNECTICUT

RIGHT OF WAY PLAN NORTH

CIVIL ENGINEERS

2168
project

3 OF 6
sheet

FAIRFIELD COUNTY ENGINEERING L.L.C.
60 WINFIELD STREET, NORWALK, CONNECTICUT 06855 PH: (203) 831–8005 FAX: (203) 831–8006

2168_231213ROW

CONSTRUCTION SEQUENCE

INSTALL SILT FENCING AND HAYBALES AS SHOWN ON PLAN. SECURE CROSSING WITH PLYWOOD. FILL AND STONE WILL BE BROUGHT TO THE NORTH END OF THE CROSSING. TWO EXCAVATORS WILL BE BROUGHT TO THE NORTH END. ONE WILL POSITION THE CULVERTS AS SHOWN ON THE PLAN AS IT RETURNS TO THE SOUTH END. THE EXCAVATOR ON THE NORTH WILL FILL BETWEEN CULVERTS, WORKING TO THE SOUTH, AS THE SOUTH MACHINE DOES THE SAME WORKING TO THE NORTH. THE POSTS FOR THE GUIDE RAILS WILL BE INSTALLED TO COINCIDE WITH THE SOLID PORTION OF EACH CULVERT. THE PROCESS BASE FOR THE POROUS DRIVEWAY WILL BE PLACED ACROSS THE AREA. THE POROUS PAVEMENT WILL BE PLACED.

ANY NECESSARY ROCK REMOVAL SHALL BE BY MEANS OF CHIPPING. REMOVED MATERIAL SHALL BE REMOVED FROM SITE IMMEDIATELY AND NOT STOCKPILED. HOURS OF OPERATION SHALL BE LIMITED TO 8 AM TO 6 PM, MONDAYS THROUGH FRIDAY, SUBJECT TO ANY FURTHER REGULATION FROM THE TOWN OF WILTON.

PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY, A CERTIFIED AS-BUILT DRAWING AND CERTIFIED LETTER SIGNED BY A PROFESSIONAL ENGINEER INDICATING THAT ALL WORK WAS COMPLETED IN ACCORDANCE WITH THE DESIGN PLANS SHALL BE SUBMITTED TO THE TOWN OF WILTON.

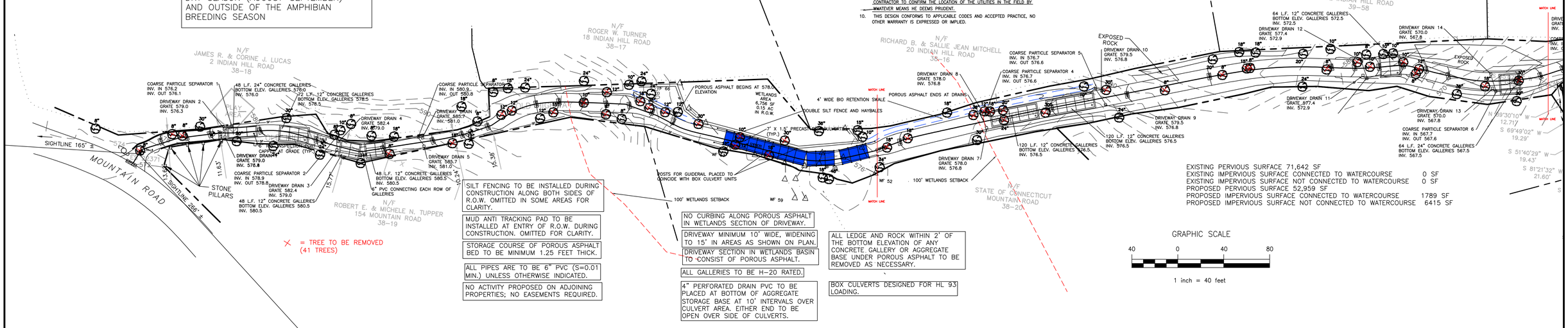
CROSSING TO BE CONSTRUCTED DURING DRY SEASON (AUGUST-SEPTEMBER) AND OUTSIDE OF THE AMPHIBIAN BREEDING SEASON

GENERAL CONSTRUCTION NOTES:

1. CONSTRUCTION AND STRUCTURES SHALL COMPLY WITH ALL MUNICIPAL OR STATE REQUIREMENTS. ALL WORK SHALL BE CERTIFIED BY A REGISTERED PROFESSIONAL ENGINEER, TO THE SATISFACTION OF THE ENGINEERING BUREAU, THAT CONSTRUCTION IS IN ACCORDANCE WITH THESE PLANS.
2. THE ENGINEERING BUREAU OF THE DEPARTMENT OF PUBLIC WORKS AND THE ENGINEER OF RECORD SHALL BE NOTIFIED THREE DAYS PRIOR TO THE COMMENCEMENT OF EACH PHASE OF CONSTRUCTION.
3. NO CERTIFICATE OF CONFORMANCE TO STANDARDS SHALL BE ISSUED BY THE DESIGN ENGINEER IF PROPER NOTICE IS NOT PROVIDED FOR INSPECTIONS OR IF INSPECTIONS ARE NOT MADE PRIOR TO BACKFILLING OF BELOW GROUND STRUCTURES AND APPURTENANCES.
4. SUBSURFACE STRUCTURES AND UTILITIES HAVE BEEN DETERMINED FROM EXISTING RECORDS AND ARE NOT GUARANTEED TO BE COMPLETE OR ACCURATE. IN ORDER TO AVOID CONFLICT OF THE PROPOSED WORK AND EXISTING UTILITIES, THE CONTRACTOR SHALL LOCATE EXISTING UTILITIES BY EXCAVATING TEST HOLES. IF THE CONTRACTOR DETERMINES THAT A CONFLICT EXISTS, HE SHALL IMMEDIATELY NOTIFY THE ENGINEER, WHO WILL MAKE THE NECESSARY ADJUSTMENTS.
5. EXISTING PROPERTY AND UTILITY INFORMATION WAS TAKEN FROM A SURVEY BY ALL SEASONS LAND SURVEYING TITLED "TOPOGRAPHIC SURVEY PREPARED FOR OLD DRIFTWAY LLC", DATED MARCH 30, 2023.
6. THESE PLANS ARE FOR MUNICIPAL OR STATE AGENCY APPROVAL ONLY. NOT FOR CONSTRUCTION.
7. NO PIPE SHALL HAVE A BEND OF GREATER THAN 45 DEGREES.
8. THE CONTRACTOR SHALL NOTIFY "CALL BEFORE YOU DIG" AT 1-800-922-4455, OR OTHER APPROPRIATE CONTACT POINT PRIOR TO START OF CONSTRUCTION.
9. ALL UTILITY LOCATIONS ARE APPROXIMATE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONFIRM THE LOCATION OF THE UTILITIES IN THE FIELD BY WHATEVER MEANS HE DEEMS PRUDENT.
10. THIS DESIGN CONFORMS TO APPLICABLE CODES AND ACCEPTED PRACTICE, NO OTHER WARRANTY IS EXPRESSED OR IMPLIED.

SEDIMENTATION AND EROSION CONTROL NOTES

1. LAND DISTURBANCE SHALL BE KEPT TO A MINIMUM. PERMANENT STABILIZATION SHALL BE SCHEDULED AS SOON AS FINAL GRADES ARE ESTABLISHED.
2. ALL DISTURBED AREAS SHALL BE FINE GRADED AND SEEDED WITH AN APPROVED SEED MIXTURE. COVER NEWLY SEEDED AREAS WITH MULCH HAY OR SALT HAY.
3. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE 2002 CONNECTICUT "GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL" HANDBOOK.
4. ALL CONTROL MEASURES SHALL BE MAINTAINED IN EFFECTIVE CONDITION THROUGHOUT THE CONSTRUCTION PERIOD. CHECK AFTER EACH STORM EVENT.
5. ADDITIONAL CONTROL MEASURES SHALL BE INSTALLED DURING THE CONSTRUCTION PERIOD, IF REQUIRED BY TOWN AUTHORITIES.
6. SEDIMENT DEPOSITS REMOVED FROM FILTER BARRIERS SHALL BE PLACED IN FILL AREAS OR SPREAD WHERE THERE IS PROPOSED VEGETATIVE COVER. ANY SEDIMENT DEPOSITS REMAINING AFTER THE FILTER BARRIER IS REMOVED SHALL BE FINE GRADED AND PLANTED ACCORDING TO PLAN.
7. THE SITE CONSTRUCTION CONTRACTOR IS ASSIGNED THE RESPONSIBILITY FOR IMPLEMENTING THIS EROSION AND SEDIMENT CONTROL PLAN. THIS RESPONSIBILITY INCLUDES THE INSTALLATION AND MAINTENANCE OF CONTROL MEASURES, INFORMING ALL PARTIES ENGAGED ON THE CONSTRUCTION SITE OF THE REQUIREMENTS AND OBJECTIVES OF THE PLAN, NOTIFYING THE PLANNING AND ZONING OFFICE (AND/OR THE CONSERVATION COMMISSION) OF ANY TRANSFER OF THIS RESPONSIBILITY AND CONVEYING A COPY OF THE EROSION AND SEDIMENT CONTROL PLAN IF THE TITLE TO THE LAND IS TRANSFERRED TO A NEW OWNER.



SILT FENCING TO BE INSTALLED DURING CONSTRUCTION ALONG BOTH SIDES OF R.O.W. OMITTED IN SOME AREAS FOR CLARITY.

MUD ANTI TRACKING PAD TO BE INSTALLED AT ENTRY OF R.O.W. DURING CONSTRUCTION. OMITTED FOR CLARITY.

STORAGE COURSE OF POROUS ASPHALT BED TO BE MINIMUM 1.25 FEET THICK.

ALL PIPES ARE TO BE 6" PVC (S=0.01 MIN.) UNLESS OTHERWISE INDICATED.

NO ACTIVITY PROPOSED ON ADJOINING PROPERTIES; NO EASEMENTS REQUIRED.

NO CURBING ALONG POROUS ASPHALT IN WETLANDS SECTION OF DRIVEWAY.

DRIVEWAY MINIMUM 10' WIDE, WIDENING TO 15' IN AREAS AS SHOWN ON PLAN.

DRIVEWAY SECTION IN WETLANDS BASIN TO CONSIST OF POROUS ASPHALT.

ALL GALLERIES TO BE H-20 RATED.

4" PERFORATED DRAIN PVC TO BE PLACED AT BOTTOM OF AGGREGATE STORAGE BASE AT 10' INTERVALS OVER CULVERT AREA. EITHER END TO BE OPEN OVER SIDE OF CULVERTS.

ALL LEDGE AND ROCK WITHIN 2' OF THE BOTTOM ELEVATION OF ANY CONCRETE GALLERY OR AGGREGATE BASE UNDER POROUS ASPHALT TO BE REMOVED AS NECESSARY.

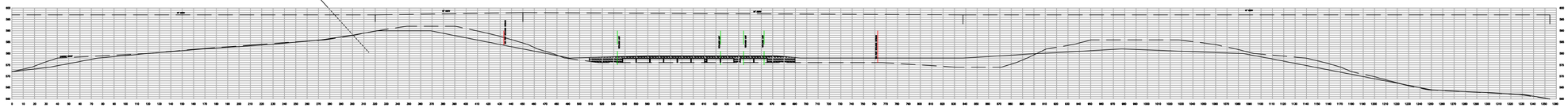
BOX CULVERTS DESIGNED FOR HL 93 LOADING.

EXISTING PERVIOUS SURFACE 71,642 SF
EXISTING IMPERVIOUS SURFACE CONNECTED TO WATERCOURSE 0 SF
EXISTING IMPERVIOUS SURFACE NOT CONNECTED TO WATERCOURSE 0 SF
PROPOSED PERVIOUS SURFACE 52,959 SF
PROPOSED IMPERVIOUS SURFACE CONNECTED TO WATERCOURSE 1789 SF
PROPOSED IMPERVIOUS SURFACE NOT CONNECTED TO WATERCOURSE 6415 SF

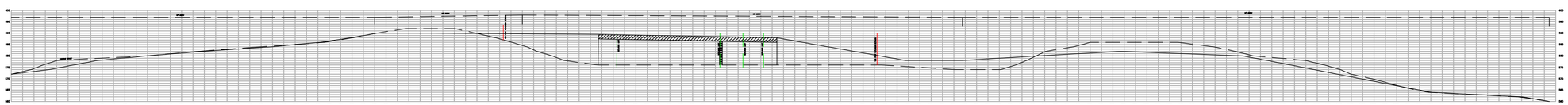
GRAPHIC SCALE

40 0 40 80

1 inch = 40 feet

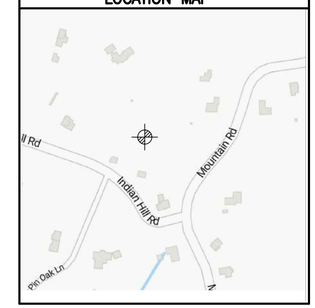


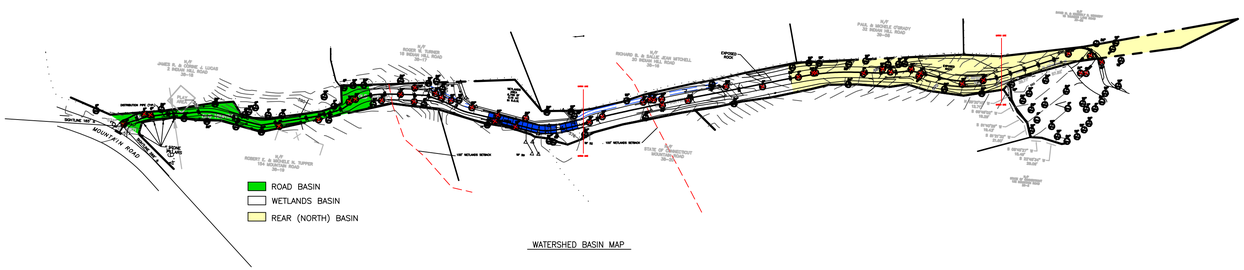
DRIVEWAY PROFILE
SCALE- H: 1"=50'
V: 1"=25'



DRIVEWAY PROFILE (ALTERNATE - BRIDGE)
SCALE- H: 1"=50'
V: 1"=25'

LOCATION MAP





WATERSHED BASIN MAP

STATE OF CONNECTICUT
WAYNE J. D'AVINO
No. 24877
LICENSED PROFESSIONAL ENGINEER

10-14-23
date

REV. 12/13/23: PER ENGINEERING COMMENTS.
REV. 11/10/23: PER ENGINEERING COMMENTS.

OLD DRIFTWAY LLC

0 MOUNTAIN ROAD WILTON, CONNECTICUT

RIGHT OF WAY PLAN

CIVIL ENGINEERS

2168 project

1 OF 6 sheet

FAIRFIELD COUNTY ENGINEERING L.L.C.
60 WINFIELD STREET, NORWALK, CONNECTICUT 06855 PH: (203) 831-8005 FAX: (203) 831-8006

2168_231213ROW

FAIRFIELD COUNTY ENGINEERING, LLC

CIVIL ENGINEERS
60 WINFIELD ST.
NORWALK, CONNECTICUT 06855
(203) 831-8005 FAX: (203) 831-8006
E-mail to: wayne@fairfieldce.com

December 13, 2023

Please see the following in response to the Engineering comments received December 13, 2023.

1. No grading or structures are proposed on any property other than the accessway. The retaining walls will be constructed of filled concrete block and will not require formwork. The trees can be cut and stumps ground to the property line as needed, with no disturbance to adjacent properties. As is, there are only 5 trees that are shown to be removed near the property lines, and none in the Upland Review Area.

5. Conservation application is in progress.

6. Fire Marshall comments were addressed; driveway is 10' wide, 15' in other sections; turnaround is provided; box culverts are HL 93 rated, greater than the gross weight of the fire truck; the angle over the box culverts is 28 degrees, less than some Town roads. clearly.

8. Operations and Maintenance plan previously submitted.

13. Revised on plan.

14. Provided on plan.

15. Correct. Overflow will occur at the grates of the driveway drain, and not over the galleries. These are at a higher elevation than the tops of the galleries. This is more conservative than as modeled in HydroCAD; will overflow later and when more water volume is retained than the model shows.

16. No manufacturer per se; coarse particle separators are 2' x 2' precast concrete structures, with a minimum of 2' sumps, and a downturned 90 degree elbow placed on any outlet pipe. There is no size calculation required; it is simply a pass through structure, allowing for sediment to settle. The capacity of the pipes connecting provide the flow limit or capacity.

Respectfully submitted,

Wayne D'Avanzo, P.E.
Principal
FAIRFIELD COUNTY ENGINEERING, LLC

Operations and Maintenance Plan

0 Mountain Road
October 6, 2023

Scope:

The purpose of the Operations and Maintenance Plan is to ensure that the porous pavement installed at 0 Mountain Road is maintained in operational condition throughout the life of the project. The service procedures associated with this plan shall be performed as required by the parties legally responsible for their maintenance.

Recommended Frequency of Service:

As further defined below, all stormwater components should be checked on a periodic basis and kept in full working order. Ultimately, the required frequency of inspection and service will depend on runoff quantities, pollutant loading, and clogging due to debris. At a minimum, we recommend that all stormwater components be inspected and serviced twice per year, once before winter begins and once during spring cleanup.

Service Procedures:

Porous Pavement (Pervious Concrete, Porous Asphalt):

a. Clean and vacuum (Regenerative Air Vacuum for Permeable Interlocking Concrete Pavers) the porous pavement upon the completion of construction.
b. Check for standing water on the surface of the pavement after a precipitation event. If standing water remains within 30 minutes after rainfall had ended, cleaning of porous pavement is recommended.
c. Vacuum sweeper shall be used regularly to remove sediment and organic debris on the pavement surface. The sweeper may be fitted with water jets.
d. Pavement vacuuming should occur during spring cleanup following the last snow event to remove accumulated debris, at a minimum.
e. Pavement vacuuming should occur during fall cleanup to remove dead leaves, at a minimum.
f. Power washing can be an effective tool for cleaning clogged areas. See manufacturer's specifications.
g. Check for debris accumulating on pavement, especially debris buildup in winter. For loose debris, a power/leaf blower or gutter broom can be used to remove leaves and trash.
h. Any additional maintenance required per the manufacturer's specifications shall also be completed.

Disposal of Debris and Sediment:

All debris and sediment removed from the stormwater structures and bioretention/biofiltration basins shall be disposed of legally. There shall be no dumping of silt or debris into or in proximity to any inland or tidal wetlands.

Maintenance Records:

The Owners(s) must maintain all records (logs, invoices, reports, data, etc.) and have them readily available for inspection at all times.