

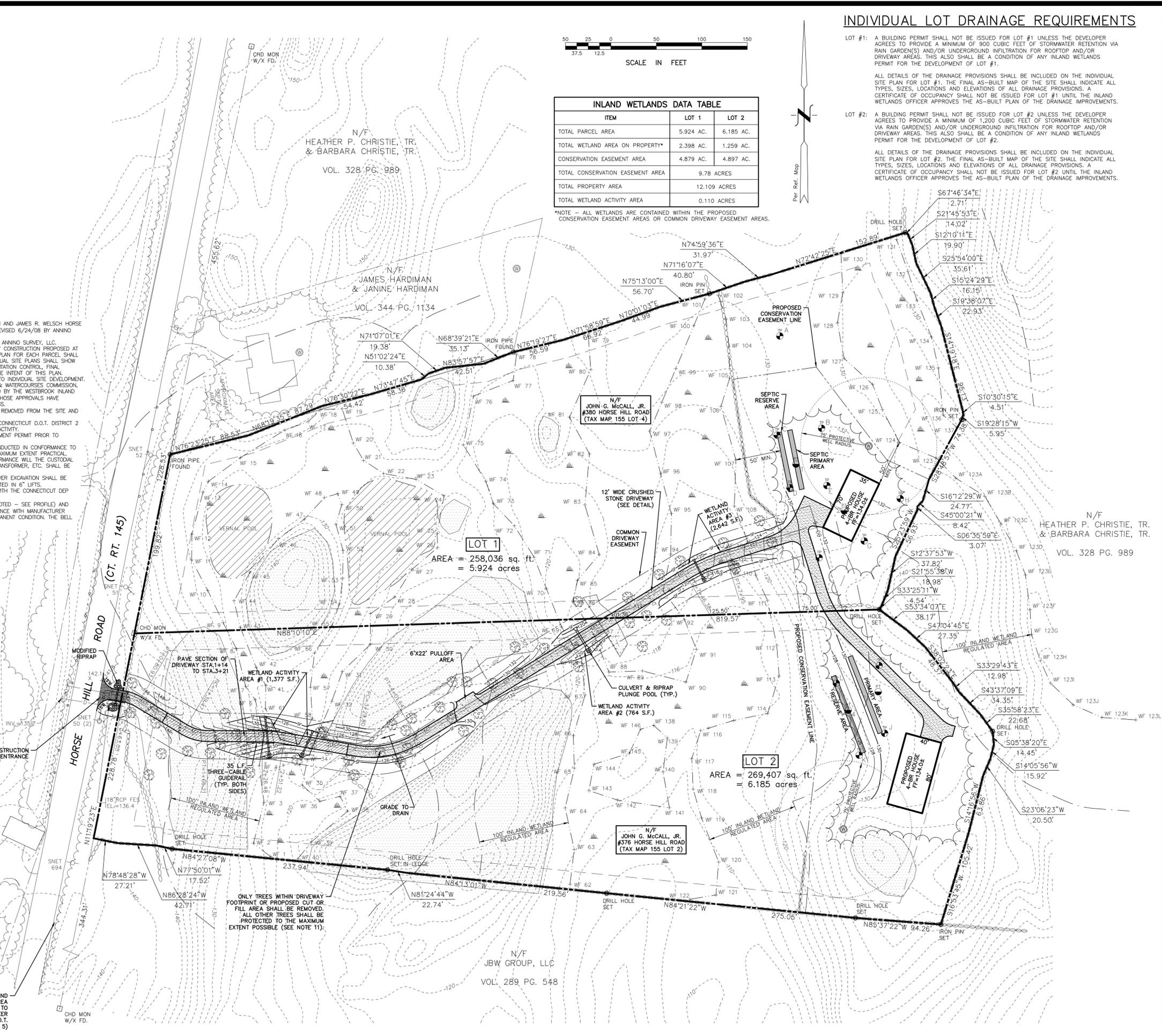


NOTES

- THIS PLAN WAS COMPILED USING THE FOLLOWING REFERENCE MAP: A MAP ENTITLED "PROPERTY / TOPOGRAPHIC SURVEY LAND NOW OR FORMERLY OF GRACE F. WELSCHE AND JAMES R. WELSCHE HORSE HILL ROAD (CT. RT. 145) WESTBROOK, CONNECTICUT" SCALE: 1"=50' AND DATED MARCH 26, 2008 REVISED 6/24/08 BY ANNINO SURVEY, LLC.
- THE REFERENCE MAP WAS SUPPLEMENTED WITH TOWN TOPOGRAPHIC MAPPING AND FIELD SURVEY BY ANNINO SURVEY, LLC. THE APPLICANT PROPOSES TO CONSTRUCT A COMMON DRIVEWAY AS SHOWN ON THIS PLAN. THE ONLY CONSTRUCTION PROPOSED AT THIS TIME IS THE COMMON DRIVEWAY. IF THE SUBJECT PARCELS ARE DEVELOPED, A COMPLETE SITE PLAN FOR EACH PARCEL SHALL BE SUBMITTED TO THE TOWN OF WESTBROOK, AS REQUIRED, FOR REVIEW AND APPROVAL. THE INDIVIDUAL SITE PLANS SHALL SHOW THE FINAL PROPOSED BUILDING FOOTPRINT, DRIVEWAY, UTILITIES, SEPTIC SYSTEM, EROSION & SEDIMENTATION CONTROL, FINAL CLEARING LIMITS AND ALL OTHER REQUIRED INFORMATION. THE INDIVIDUAL SITE PLANS SHALL MEET THE INTENT OF THIS PLAN. INLAND WETLANDS PERMITS SHALL BE OBTAINED PRIOR TO ANY CONSTRUCTION ACTIVITY RELATED TO INDIVIDUAL SITE DEVELOPMENT. THE PURPOSE OF THIS PLAN IS FOR REVIEW AND APPROVAL BY THE WESTBROOK INLAND WETLANDS & WATERCOURSES COMMISSION, CONNECTICUT DEEP AND U.S. ARMY CORPS OF ENGINEERS. THIS PROJECT WAS PREVIOUSLY APPROVED BY THE WESTBROOK INLAND WETLANDS & WATERCOURSES COMMISSION AND U.S. ARMY CORPS OF ENGINEERS IN 2008/2009 BUT THOSE APPROVALS HAVE EXPIRED. NO CHANGES WERE MADE TO THE PREVIOUSLY APPROVED DRIVEWAY AND WETLAND CROSSINGS.
- ALL ROCK, TOPSOIL, TREES, UNSUITABLE MATERIALS, ETC. SHALL BE IMMEDIATELY (WITHIN 24 HOURS) REMOVED FROM THE SITE AND SHALL NOT BE STOCKPILED.
- A PRE-CONSTRUCTION MEETING WITH THE CONTRACTOR, DESIGN ENGINEER, A REPRESENTATIVE FROM CONNECTICUT D.O.T. DISTRICT 2 AND THE WESTBROOK WETLANDS ENFORCEMENT OFFICER IS REQUIRED PRIOR TO ANY CONSTRUCTION ACTIVITY.
- THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS INCLUDING A CONNECTICUT D.O.T. ENCROACHMENT PERMIT PRIOR TO BEGINNING ANY WORK OR MOBILIZING EQUIPMENT.
- BLASTING SHALL ONLY BE PERFORMED BY EXPERIENCED, QUALIFIED CONTRACTORS AND SHALL BE CONDUCTED IN CONFORMANCE TO ALL APPLICABLE REGULATIONS. DISTURBANCE TO ANY WETLAND AREAS SHALL BE MINIMIZED TO THE MAXIMUM EXTENT PRACTICAL.
- CABLE TV, ELECTRIC AND TELEPHONE CONDUITS AND APPURTENANCES SHALL BE INSTALLED IN CONFORMANCE WITH THE CUSTODIAL UTILITY COMPANY REGULATIONS. ALL UTILITIES SHALL BE INSTALLED UNDERGROUND. NO PULL BOX, TRANSFORMER, ETC. SHALL BE PLACED IN ANY WETLAND AREA.
- ANY UNSUITABLE MATERIALS SHALL BE REMOVED TO THE EXTENT DIRECTED BY THE ENGINEER. ANY OVER EXCAVATION SHALL BE BACKFILLED WITH BANK OR CRUSHED GRAVEL (CONDOIT FORM 918 (2020) M02.05(2)) AND COMPACTED IN 6" LIFTS.
- THE CONTRACTOR SHALL IMPLEMENT ALL EROSION AND SEDIMENTATION CONTROLS IN CONFORMANCE WITH THE CONNECTICUT DEP "2002 CT E&S GUIDELINES". REFER TO THE E&S NARRATIVE ON SHEET D-1 FOR MORE INFORMATION.
- ALL CULVERTS SHALL BE ALUMINIZED STEEL TYPE 2 CORRUGATED METAL PIPE (UNLESS OTHERWISE NOTED - SEE PROFILE) AND SHALL HAVE A MINIMUM OF 15" OF COVER. ALL CULVERTS SHALL BE INSTALLED IN STRICT CONFORMANCE WITH MANUFACTURER SPECIFICATIONS AND REQUIREMENTS FOR BOTH THE DURING CONSTRUCTION CONDITION AND THE PERMANENT CONDITION. THE BELL END SHALL BE PLACED AT THE INLET END (UPSTREAM END) OF THE DRIVEWAY.
- CLEARING LIMITS FOR THE DRIVEWAY CONSTRUCTION SHALL BE MARKED IN THE FIELD BY A LICENSED LAND SURVEYOR PRIOR TO THE PRE-CONSTRUCTION MEETING (SEE NOTE 4).
- TREES WITHIN THE DRIVEWAY FOOTPRINT OR WITHIN A SIGNIFICANT CUT OR FILL AREA SHALL BE REMOVED. ALL OTHER TREES SHALL BE PROTECTED TO THE MAXIMUM EXTENT PRACTICAL. A MINIMUM VERTICAL CLEARANCE OF 12 FEET ABOVE THE FINISHED GRADE OF THE DRIVEWAY SHALL BE MAINTAINED FOR TREES WITH A DIAMETER OF 12" OR GREATER (AT THE TIME OF SURVEY) WITHIN THE PLANNED WORK AREA ARE SHOWN ON THIS PLAN.
- PROPOSED GUIDERAIL SHALL BE THREE-CABLE GUIDERAIL CONFORMING TO CONDOIT FORM 918 (2020) SECTION 9.18. GUIDERAIL SHALL BE INSTALLED IN AREAS AS SHOWN AND ANY OTHER AREA WHERE THE EMBANKMENT HEIGHT IS SIX FEET OR GREATER.
- THE CONTRACTOR SHALL PROVIDE PROVISIONS FOR ALLOWING RUNOFF TO FLOW UNIMPEDED ALONG ITS NATURAL COURSE THROUGHOUT THE CONSTRUCTION DURATION. EROSION AND SEDIMENTATION CONTROLS SHALL NOT IMPED FLOW.
- THE INSTALLATION OF WETLAND CROSSINGS FOR ACTIVITIES I, II, AND III SHALL BE RESTRICTED TO THE MONTHS OF JULY THROUGH OCTOBER AND SHALL BE SUPERVISED BY A PROFESSIONAL ENGINEER WEEKLY REPORTING TO BE PROVIDED TO THE INLAND WETLANDS ENFORCEMENT OFFICER.
- AN AS-BUILT DRAWING OF THE "COMMON DRIVEWAY" AND CULVERTS SHALL BE SUBMITTED FOR REVIEW AND APPROVAL BY THE INLAND WETLANDS COMMISSIONS ENGINEER. AS-BUILT SHALL BE PERFORMED IN ACCORDANCE WITH 1-2 SURVEY STANDARDS. IF ANY PORTION OF THE PROJECT WAS NOT CONSTRUCTED AS APPROVED, THE ENGINEER OR LAND SURVEYOR SHALL DESCRIBE ANY AND ALL DISCREPANCIES, AS APPROPRIATE, AS TO THE VARIATION AND THE COST NECESSARY TO CORRECT THE VARIATION TO THE APPROVED PLANS. THE PERFORMANCE BOND SHALL NOT BE RELEASED WITHOUT THE PROFESSIONAL'S CERTIFICATION AND FINDINGS.
- THE PERMITTEE SHALL EMPLOY BEST MANAGEMENT PRACTICES, CONSISTENT WITH THE TERMS AND CONDITIONS OF THIS PERMIT, TO CONTROL STORM WATER DISCHARGES AND TO PREVENT EROSION AND TO OTHERWISE PREVENT POLLUTION OF WETLANDS OR WATERCOURSES. THE PERMITTEE SHALL IMMEDIATELY INFORM THE AGENCY OF ANY PROBLEMS INVOLVING WETLANDS OR WATERCOURSES THAT HAVE DEVELOPED IN THE COURSE OF, OR THAT ARE CAUSED BY, THE AUTHORIZED WORK.
- THE PERMITTEE SHALL MAINTAIN SEDIMENT AND EROSION CONTROLS AT THE SITE IN SUCH AN OPERABLE CONDITION AS TO PREVENT THE POLLUTION OF WETLANDS AND WATERCOURSES. SAID CONTROLS ARE TO BE INSPECTED BY THE PERMITTEE FOR DEFICIENCIES AT LEAST ONCE PER WEEK AND IMMEDIATELY AFTER RAINS. THE PERMITTEE SHALL CORRECT ANY SUCH DEFICIENCIES WITHIN 24 HOURS OF SAID DEFICIENCY BEING FOUND. THE PERMITTEE SHALL MAINTAIN SUCH CONTROL MEASURES UNTIL ALL AREAS OF DISTURBED SOILS AT THE SITE ARE STABILIZED.

LEGEND

	PROPERTY/STREET LINE
	BUILDING SETBACK LINE
	UTILITY POLE/GUY
	IRON PIPE/PIN/DRILL HOLE
	MONUMENT
	CONNECTICUT HIGHWAY DEPT.
	INLAND WETLAND LIMITS
	INLAND WETLAND REGULATED AREA
	EXISTING CONTOUR
	STONE WALL
	EXISTING TREELINE
	EXISTING WELL
	POSSIBLE PROPOSED WELL LOCATION
	TEST PIT
	PERC TEST
	ROCK OUTCROP OR KNOWN SHALLOW LEDGE
	EXISTING TREE 12" DIAM. OR GREATER WITHIN EASEMENT AREA
	PROPOSED SILT FENCE
	ELECTRIC, CABLE & TELEPHONE
	PROPOSED CLEARING LIMITS
	CLEAR VEGETATION AND EXCAVATE SHOULDER AREA TO ENHANCE SIGHT LINE TO SATISFACTION OF ENGINEER AND CONNECTICUT D.O.T. (SEE NOTES 4 & 5)



INLAND WETLANDS DATA TABLE

ITEM	LOT 1	LOT 2
TOTAL PARCEL AREA	5.924 AC.	6.185 AC.
TOTAL WETLAND AREA ON PROPERTY*	2.398 AC.	1.259 AC.
CONSERVATION EASEMENT AREA	4.879 AC.	4.897 AC.
TOTAL CONSERVATION EASEMENT AREA	9.78 ACRES	
TOTAL PROPERTY AREA	12.109 ACRES	
TOTAL WETLAND ACTIVITY AREA	0.110 ACRES	

*NOTE - ALL WETLANDS ARE CONTAINED WITHIN THE PROPOSED CONSERVATION EASEMENT AREAS OR COMMON DRIVEWAY EASEMENT AREAS.

INDIVIDUAL LOT DRAINAGE REQUIREMENTS

LOT #1: A BUILDING PERMIT SHALL NOT BE ISSUED FOR LOT #1 UNLESS THE DEVELOPER AGREES TO PROVIDE A MINIMUM OF 900 CUBIC FEET OF STORMWATER RETENTION VIA RAIN GARDEN(S) AND/OR UNDERGROUND INFILTRATION FOR ROOFTOP AND/OR DRIVEWAY AREAS. THIS ALSO SHALL BE A CONDITION OF ANY INLAND WETLANDS PERMIT FOR THE DEVELOPMENT OF LOT #1.

ALL DETAILS OF THE DRAINAGE PROVISIONS SHALL BE INCLUDED ON THE INDIVIDUAL SITE PLAN FOR LOT #1. THE FINAL AS-BUILT MAP OF THE SITE SHALL INDICATE ALL TYPES, SIZES, LOCATIONS AND ELEVATIONS OF ALL DRAINAGE PROVISIONS. A CERTIFICATE OF OCCUPANCY SHALL NOT BE ISSUED FOR LOT #1 UNTIL THE INLAND WETLANDS OFFICER APPROVES THE AS-BUILT PLAN OF THE DRAINAGE IMPROVEMENTS.

LOT #2: A BUILDING PERMIT SHALL NOT BE ISSUED FOR LOT #2 UNLESS THE DEVELOPER AGREES TO PROVIDE A MINIMUM OF 1,200 CUBIC FEET OF STORMWATER RETENTION VIA RAIN GARDEN(S) AND/OR UNDERGROUND INFILTRATION FOR ROOFTOP AND/OR DRIVEWAY AREAS. THIS ALSO SHALL BE A CONDITION OF ANY INLAND WETLANDS PERMIT FOR THE DEVELOPMENT OF LOT #2.

ALL DETAILS OF THE DRAINAGE PROVISIONS SHALL BE INCLUDED ON THE INDIVIDUAL SITE PLAN FOR LOT #2. THE FINAL AS-BUILT MAP OF THE SITE SHALL INDICATE ALL TYPES, SIZES, LOCATIONS AND ELEVATIONS OF ALL DRAINAGE PROVISIONS. A CERTIFICATE OF OCCUPANCY SHALL NOT BE ISSUED FOR LOT #2 UNTIL THE INLAND WETLANDS OFFICER APPROVES THE AS-BUILT PLAN OF THE DRAINAGE IMPROVEMENTS.

PLAN PREPARED BY:
INDIGO LAND DESIGN, LLC
INDIGO LAND DESIGN, LLC
117/14/08
11/14/08
10/27/08
8/25/08

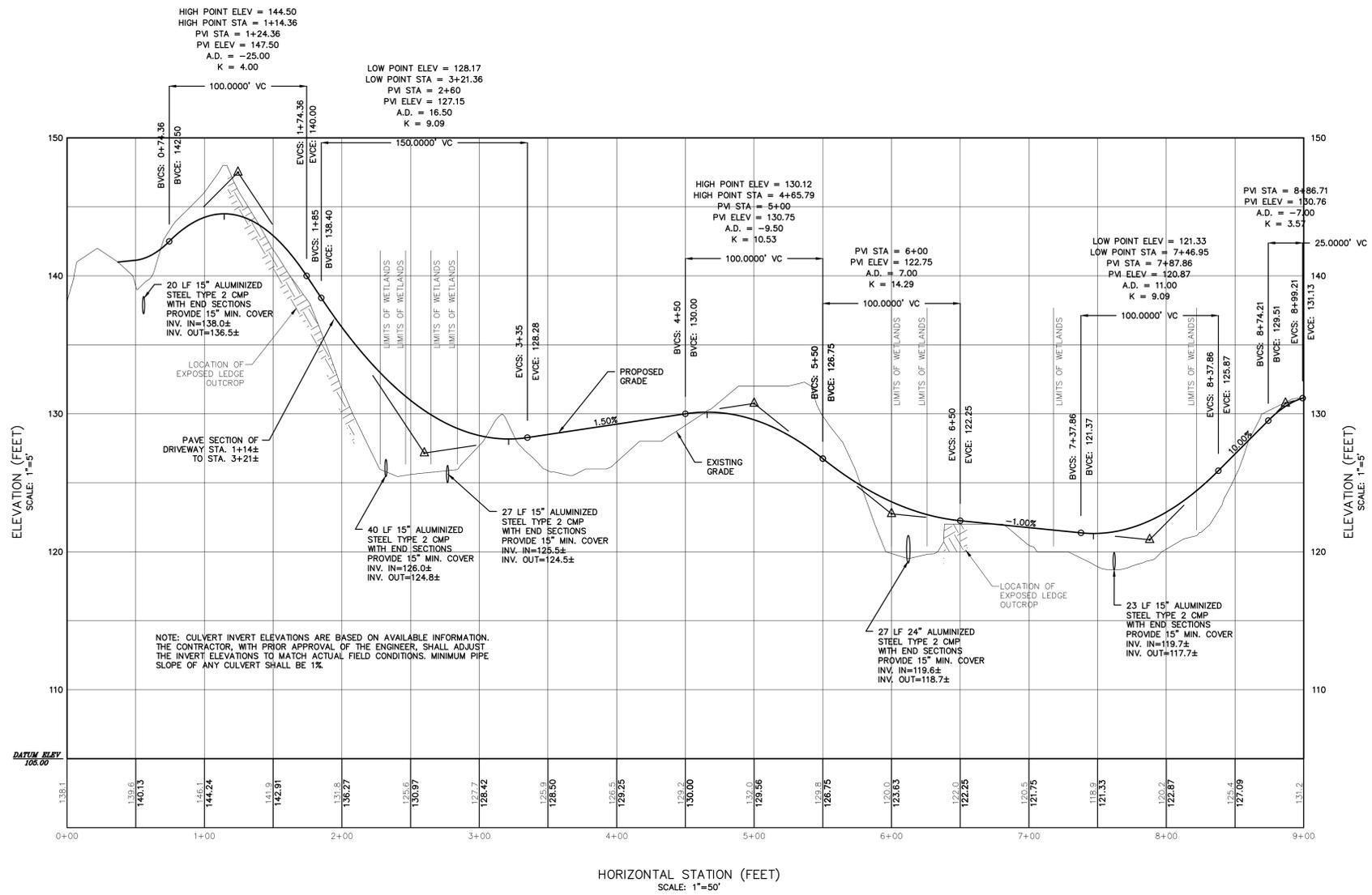
INDIGO LAND DESIGN, LLC
40 ELM STREET, 2ND FLOOR
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NO.	DATE	DESCRIPTION	BY
1	8/25/08	Add Conservation Easmt.	JW
2	10/27/08	Inland Wetlands Comments	JW
3	11/14/08	W & Engineer Comments	JW
4	12/17/08	Minor Updates for New W Permit	JW

THE ENGINEER SEAL OF THE ENGINEER MUST BE AFFIXED HERE FOR THIS MAP TO BE VALID

PROPOSED COMMON DRIVEWAY PLAN
PREPARED FOR JOHN G. MCCALL, JR.
376 & 380 HORSE HILL ROAD -- TAX MAP 155 LOTS 2 & 4
WESTBROOK, CONNECTICUT

DATE: AUGUST 1, 2008
SCALE: 1"=50'
DRAWN BY: JW
CHKD BY: JW
DWG. NO.: DP-1



NOTE: CULVERT INVERT ELEVATIONS ARE BASED ON AVAILABLE INFORMATION. THE CONTRACTOR, WITH PRIOR APPROVAL OF THE ENGINEER, SHALL ADJUST THE INVERT ELEVATIONS TO MATCH ACTUAL FIELD CONDITIONS. MINIMUM PIPE SLOPE OF ANY CULVERT SHALL BE 1%.



PLAN PREPARED BY:
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#	DATE	DESCRIPTION	BY
4	5/21/20	Minor Updates for New W. Permit	JW
3	11/14/08	IR & Engineer Comments	JW
2	10/27/08	Inland Wetlands Comments	JW
1	8/25/08	Revise Culvert #4 to 18" & Miscellaneous	JW

THE EMPLOYED SEAL OF THE ENGINEER MUST BE AFFIXED HERE FOR THIS MAP TO BE VALID

PROPOSED COMMON DRIVEWAY PROFILE
PREPARED FOR JOHN G. MCCALL, JR.
376 & 380 HORSE HILL ROAD -- TAX MAP 155 LOTS 2 & 4
WESTBROOK, CONNECTICUT

DATE: AUGUST 1, 2008
SCALE: 1"=50'(H) & 1"=5'(V)
DRAWN BY: JW
CHKD BY: JW
DWG. NO.: PR-1

DEEP TEST PIT DATA

TP A
DATE: MARCH 17, 2008
0"-6"
TOPSOIL & LEAF LITTER
6"-40"
ORANGE-BROWN FINE TO MEDIUM SAND, SOME ROCKS, LITTLE SILT ROOTS TO 28"
40"-61"
BROWN FINE TO MEDIUM SAND, SOME GRAVEL & ROCKS, MOTTLED

NO LEDGE
WATER @ 48" SEEPS @ 41"
MOTTLING @ 40"

TP G
DATE: MARCH 17, 2008
0"-4"
TOPSOIL & LEAF LITTER
4"-30"
ORANGE-BROWN FINE TO MEDIUM SAND, SOME ROCKS, LITTLE SILT ROOTS TO 26"
30"-83"
MOD. COMPACT, GREY-BROWN FINE TO MEDIUM SAND, SOME SILT, GRAVEL & STONES, TRACE SILT

LEDGE @ 83"
WATER @ 77" SEEPS @ 69"
MOTTLING @ 50"

TP B
DATE: MARCH 17, 2008
0"-2"
TOPSOIL & LEAF LITTER
2"-27"
ORANGE-BROWN FINE TO MEDIUM SAND, SOME ROCKS, LITTLE SILT ROOTS TO 30"
27"-72"
MOD. COMPACT, GREY-BROWN FINE TO MEDIUM SAND, SOME SILT, GRAVEL & STONES, MOTTLED

NO LEDGE
WATER @ 70" SEEPS @ 52"
MOTTLING @ 27" (PERCHED)

TP H
DATE: MARCH 17, 2008
0"-6"
TOPSOIL & LEAF LITTER
6"-33"
ORANGE-BROWN FINE TO MEDIUM SAND, SOME ROCKS, LITTLE SILT ROOTS TO 30"
33"-60"
MOD. COMPACT, GREY-BROWN FINE TO MEDIUM SAND, SOME SILT, GRAVEL & STONES, TRACE SILT

LEDGE @ 60"
WATER @ 57" SEEPS @ 48"
MOTTLING @ 35"

TP C
DATE: MARCH 17, 2008
0"-7"
TOPSOIL & LEAF LITTER
7"-27"
ORANGE-BROWN FINE TO MEDIUM SAND, SOME ROCKS, LITTLE SILT ROOTS TO 33"
27"-70"
MOD. COMPACT, GREY-BROWN FINE TO MEDIUM SAND, SOME SILT, GRAVEL & STONES, MOTTLED

LEDGE @ 70"
WATER @ 63" SEEPS @ 51"
MOTTLING @ 40"

TP I
DATE: MARCH 17, 2008
0"-8"
TOPSOIL & LEAF LITTER
8"-30"
ORANGE-BROWN FINE TO MEDIUM SAND, SOME ROCKS, LITTLE SILT ROOTS TO 28"
30"-75"
MOD. COMPACT, GREY-BROWN FINE TO MEDIUM SAND, SOME SILT, GRAVEL & STONES, TRACE SILT

LEDGE @ 75"
WATER @ 68" SEEPS @ 62"
MOTTLING @ 57"

TP D
DATE: MARCH 17, 2008
0"-5"
TOPSOIL & LEAF LITTER
5"-21"
ORANGE-BROWN FINE TO MEDIUM SAND, SOME ROCKS, LITTLE SILT ROOTS TO 32"
21"-VARIES
MOD. COMPACT, GREY-BROWN FINE TO MEDIUM SAND, SOME SILT, GRAVEL & STONES

LEDGE @ 46"(WEST) @ 61" (CENTER & EAST)
NO WATER
NO MOTTLING

TP J
DATE: MARCH 17, 2008
0"-6"
TOPSOIL & LEAF LITTER
6"-VARIES
ORANGE-BROWN FINE TO MEDIUM SAND, SOME ROCKS WITH SILT ROOTS TO 32"

LEDGE @ 6" (EAST) @ 48" (WEST)
WATER @ 43" SEEPS @ 32"
NO MOTTLING

TP E
DATE: MARCH 17, 2008
0"-9"
TOPSOIL & LEAF LITTER
9"-35"
ORANGE-BROWN FINE TO MEDIUM SAND, SOME ROCKS, LITTLE SILT ROOTS TO 27"
35"-51"
MOD. COMPACT, GREY-BROWN FINE TO MEDIUM SAND, SOME SILT, GRAVEL & STONES, TRACE SILT

LEDGE @ 51"
NO WATER
NO MOTTLING

TP K
DATE: MARCH 17, 2008
0"-5"
TOPSOIL & LEAF LITTER
5"-23"
ORANGE-BROWN FINE TO MEDIUM SAND, SOME ROCKS WITH SILT ROOTS TO 26"
23"-62"
MOD. COMPACT, GREY-BROWN FINE TO MEDIUM SAND, SOME SILT, GRAVEL & STONES, TRACE SILT

LEDGE @ 62"
WATER @ 55" SEEPS @ 34"
NO MOTTLING

TP F
DATE: MARCH 17, 2008
0"-4"
TOPSOIL & LEAF LITTER
4"-23"
ORANGE-BROWN FINE TO MEDIUM SAND, SOME ROCKS, LITTLE SILT ROOTS TO 24"
23"-60"
MOD. COMPACT, GREY-BROWN FINE TO MEDIUM SAND, SOME SILT, GRAVEL & STONES, TRACE SILT

LEDGE @ 69"
NO WATER
NO MOTTLING

TP L
DATE: MARCH 17, 2008
0"-8"
TOPSOIL & LEAF LITTER
8"-28"
ORANGE-BROWN FINE TO MEDIUM SAND, SOME ROCKS WITH SILT ROOTS TO 28"
28"-VARIES
MOD. COMPACT, GREY-BROWN FINE TO MEDIUM SAND, SOME SILT, GRAVEL & STONES, TRACE SILT

LEDGE @ 32" (NORTH) @ 55" (SOUTH)
NO WATER
NO MOTTLING

TEST HOLES EXCAVATED BY: TOM BOTTS
WITNESSED BY: JOSEPH WREN, PE (INDIGO)
DICK LEIGHTON
TOWN OF WESTBROOK

PERCOLATION TEST DATA

PERC 1
DATE: JUNE 24, 2008
DEPTH = 20"
DIAMETER = 6"

TIME DEPTH
(minutes) (inches)
0 @ 12
6 @ 14 1/8
12 @ 15 3/4
18 @ 17
24 @ 18
30 @ 18 3/4
36 @ 19 1/2
42 @ 20 1/8
48 @ 20 3/4
54 @ 21 3/8
60 @ 21 5/8
66 @ 21 7/8

PERCOLATION RATE = 9.6 MINUTES/INCH

PERC 2
DATE: JUNE 24, 2008
DEPTH = 20"
DIAMETER = 6"

TIME DEPTH
(minutes) (inches)
0 @ 9 1/4
6 @ 10 7/8
12 @ 12
18 @ 13 1/8
24 @ 13 7/8
30 @ 14 5/8
36 @ 15 1/4
42 @ 16
48 @ 16 5/8
54 @ 17 1/8
60 @ 17 5/8
66 @ 18 1/8

PERCOLATION RATE = 12 MINUTES/INCH

PERC 3
DATE: JUNE 24, 2008
DEPTH = 19"
DIAMETER = 6"

TIME DEPTH
(minutes) (inches)
0 @ 9 1/2
6 @ 11 1/4
12 @ 12
18 @ 12 5/8
24 @ 13 1/8
30 @ 13 5/8
36 @ 14 1/8
42 @ 14 1/2
48 @ 14 7/8
54 @ 15 1/4
60 @ 15 5/8

PERCOLATION RATE = 16 MINUTES/INCH

PERC 4
DATE: JUNE 24, 2008
DEPTH = 18"
DIAMETER = 6"

TIME DEPTH
(minutes) (inches)
0 @ 7
6 @ 9
12 @ 9 1/2
18 @ 10 1/4
24 @ 10 3/4
30 @ 11 3/8
36 @ 11 13/16
42 @ 12 1/4
48 @ 12 3/4
54 @ 13 1/8
60 @ 13 1/2

PERCOLATION RATE = 16 MINUTES/INCH

PERC TESTS PERFORMED BY:
INDIGO LAND DESIGN, LLC (JW)

GROUNDWATER MONITORING DATA

GROUNDWATER WAS MONITORED AT TEST PITS A, B, C, G, H, I & K FROM 3/26/08 THROUGH 5/29/08

AVERAGE PEAK GROUNDWATER LEVELS OCCURED GENERALLY BETWEEN THE PERIOD OF APRIL 2ND THROUGH MAY 8TH. THE FOLLOWING ARE THE 4-WEEK AVERAGE PEAK GROUNDWATER LEVELS:

TEST PIT	4-WEEK AVERAGE PEAK GROUNDWATER LEVEL (FT)	PEAK PERIOD
A	2.99	4/9 THRU 5/8
B	4.03	4/2 THRU 5/1
C	4.09	4/2 THRU 5/1
G	6.41	4/2 THRU 5/1
H	3.52	4/2 THRU 5/1
I	5.55	4/2 THRU 5/1
K	3.68	3/26 THRU 4/24

SEPTIC SYSTEM DESIGN CRITERIA

PURPOSE - SHOW 100% CT PUBLIC HEALTH CODE COMPLIANT PRIMARY & RESERVE AREAS FOR 4-BEDROOM HOUSE

LOT #1
PRIMARY & RESERVE SYSTEM AREAS
BETWEEN TEST PITS C & D
PERCOLATION RATE (PERC TEST 1) = 9.6 MIN. PER INCH -- USE LESS THAN 10.0 MIN./IN.
EFFECTIVE LEACHING AREA REQUIRED = 660 SQUARE FEET
RESTRICTIVE LAYER = USE AVG. RESTRICTIVE LAYER OF 47.5" BETWEEN TH C & TH D
HYDRAULIC GRADIENT = 8.1 - 10.0%
HF = 18 (RESTRICTIVE LAYER @ 42.1-48.0)
FF = 1.75
PF = 1.0
MLSS REQUIRED = HF X FF X PF = 31.5 FEET
USE A SINGLE 66' ROW OF GEOMATRIX GST6212 (SEE PLAN)
EFFECTIVE LEACHING AREA PROVIDED = 10.0 S.F./L.F. x 66 L.F. = 660.0 SQUARE FEET
EFFECTIVE MLSS PROVIDED = 66 FEET

LOT #2
PRIMARY SYSTEM AREA
BETWEEN TEST PITS I & J
PERCOLATION RATE (PERC TEST 3) = 16 MIN. PER INCH -- USE 10.1 TO 20 MIN./IN.
EFFECTIVE LEACHING AREA REQUIRED = 900 SQUARE FEET
RESTRICTIVE LAYER = AVG. LEDGE IN SYSTEM AREA = 51.9"
HYDRAULIC GRADIENT = 10.1 - 15.0%
HF = 14 (RESTRICTIVE LAYER @ 48.1-60.0)
FF = 1.75
PF = 1.25
MLSS REQUIRED = HF X FF X PF = 30.63 FEET
USE A SINGLE 90' ROW OF GEOMATRIX GST6212 (SEE PLAN)
EFFECTIVE LEACHING AREA PROVIDED = 10.0 S.F./L.F. x 90 L.F. = 900 SQUARE FEET
EFFECTIVE MLSS PROVIDED = 90 FEET

RESERVE SYSTEM AREA
BETWEEN TEST PITS K & L
PERCOLATION RATE (PERC TEST 4) = 16 MIN. PER INCH -- USE 10.1 TO 20 MIN./IN.
EFFECTIVE LEACHING AREA REQUIRED = 900 SQUARE FEET
RESTRICTIVE LAYER = AVG. HIGH GW @ 44.2" @ TH K
HYDRAULIC GRADIENT = 10.1 - 15.0%
HF = 16 (RESTRICTIVE LAYER @ 42.1-48.0)
FF = 1.75
PF = 1.25
MLSS REQUIRED = HF X FF X PF = 35 FEET
USE A SINGLE 90' ROW OF GEOMATRIX GST6212 (SEE PLAN)
EFFECTIVE LEACHING AREA PROVIDED = 10.0 S.F./L.F. x 90 L.F. = 900 SQUARE FEET
EFFECTIVE MLSS PROVIDED = 90 FEET

GENERAL NOTES

- THE SOIL TESTING AND SEPTIC SYSTEM DESIGN CRITERIA INFORMATION INCLUDED ON THIS PLAN IS PROVIDED FOR THE SOLE PURPOSE OF DEMONSTRATING THE POTENTIAL SUITABILITY OF THE SOIL ON THE SUBJECT PARCELS TO SUPPORT A PUBLIC HEALTH CODE COMPLIANT SEPTIC SYSTEM ON EACH LOT. IN NO WAY, SHALL THIS INFORMATION BE USED FOR THE REPAIR, DESIGN AND/OR INSTALLATION OF ANY SEPTIC SYSTEM ON THE PROPERTY WITHOUT PRIOR CONSENT OF THE ENGINEER.
- IF THE SUBJECT PROPERTIES ARE DEVELOPED, A COMPLETE SITE PLAN FOR EACH PARCEL INCLUDING COMPLETE SEPTIC SYSTEM DESIGN SHALL BE SUBMITTED TO THE TOWN OF WESTBROOK, AS REQUIRED, FOR REVIEW AND APPROVAL. THE INDIVIDUAL SITE PLANS SHALL SHOW THE FINAL PROPOSED BUILDING FOOTPRINT, DRIVEWAY, UTILITIES, SEPTIC SYSTEM, CLEARING LIMITS AND ALL OTHER REQUIRED INFORMATION.
- THE TOWN OF WESTBROOK, OR ITS REPRESENTATIVES, MAY REQUIRE ADDITIONAL SOIL TESTING AND/OR GROUNDWATER MONITORING FOR ANY PROPOSED SEPTIC SYSTEM DESIGN AND/OR REPAIR ON THIS PROPERTY.
- THE PARCELS WOULD BE SERVED BY PRIVATE WELLS AND SUBSURFACE SEWAGE DISPOSAL SYSTEMS. THERE ARE NO KNOWN WELLS WITHIN 75' OF THE POTENTIAL SEPTIC SYSTEM AREAS. THERE ARE NO KNOWN SEPTIC SYSTEMS WITHIN 75' OF THE PROPOSED WELLS.

PLAN PREPARED BY:
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FAX: (860) 391-8854

NO.	DATE	DESCRIPTION	BY
2	5/21/20	Minor Updates for New IW Permit	JW
1	10/27/08	Revise Proposed Septic Areas & Inland Wetlands Comments	JW

THE ENGINEER'S SEAL OF THE ENGINEER MUST BE AFFIXED HERE FOR THIS MAP TO BE VALID

SOIL TEST DATA & SEPTIC DESIGN CRITERIA
PREPARED FOR JOHN G. MCCALL, JR.
376 & 380 HORSE HILL ROAD -- TAX MAP 155 LOTS 2 & 4
WESTBROOK, CONNECTICUT

DATE: JUNE 26, 2008
SCALE: NOT TO SCALE
DRAWN BY: JW
CHKD BY: JW
DWG. NO.: ST-1

SOIL EROSION AND SEDIMENT CONTROL PLAN NARRATIVE

THE SITE CONTRACTOR MUST FOLLOW ALL GUIDELINES SET FORTH IN THE MANUAL ENTITLED "2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL" PUBLISHED BY THE CONNECTICUT COUNCIL ON SOIL AND WATER CONSERVATION IN COOPERATION WITH THE CONNECTICUT DEPARTMENT OF ENVIRONMENTAL PROTECTION. THIS MANUAL IS ALSO KNOWN AS DEP BULLETIN 34.

PROJECT DESCRIPTION

THE PROPERTY OWNER PROPOSES TO CONSTRUCT A 12' WIDE CRUSHED STONE COMMON DRIVEWAY TO ACCESS TO THE BUILDING SITE OF LOTS 1 AND 2. THREE WETLAND CROSSINGS ARE PROPOSED.

CONSTRUCTION IS ANTICIPATED TO COMMENCE IN SUMMER 2020. ALL WORK SHALL BE PERFORMED BETWEEN THE MONTHS OF JULY AND OCTOBER TO MINIMIZE ANY DISTURBANCE TO WETLAND AREAS AND THE VERNAL POOLS IN THE VICINITY. ALL EROSION AND SEDIMENT CONTROLS SHALL BE INSTALLED PRIOR TO CONSTRUCTION ACTIVITIES. E & S CONTROLS SHALL BE MAINTAINED AND REPAIRED OR REPLACED AS NEEDED THROUGHOUT THE CONSTRUCTION DURATION. ALL E & S CONTROLS SHALL BE REMOVED AND PROPERLY DISPOSED OF AS SOON AS THE SITE IS COMPLETELY STABILIZED.

CONSTRUCTION SEQUENCE

- CONTACT CALL BEFORE YOU DIG AT 1-800-922-4455 TO MARK OUT ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
- COORDINATE WITH THE DESIGN ENGINEER, WETLANDS ENFORCEMENT OFFICER (WEO) AND DOT DISTRICT 2 TO SCHEDULE A PRE-CONSTRUCTION MEETING.
- OBTAIN ALL REQUIRED PERMITS INCLUDING CONDOT ENCROACHMENT PERMIT.
- RETAIN LICENSED SURVEYOR TO STAKE OUT PROPOSED DRIVEWAY, CLEARING LIMITS AND FLAG ALL TREES TO BE REMOVED.
- REVIEW TREE REMOVAL WITH THE ENGINEER AND WEO.
- INSTALL ALL E&S CONTROLS INCLUDING CONSTRUCTION ENTRANCE.
- REMOVE ALL APPROVED TREES COMPLETELY FROM SITE. WOODCHIPS MAY BE REUSED ON SITE FOR EROSION CONTROL.
- PERFORM ANY REQUIRED BLASTING.
- INSTALL ALL REQUIRED UTILITY CONDUITS IN CONFORMANCE WITH ALL CUSTODIAL UTILITY REQUIREMENTS.
- INSTALL CULVERTS AND ROUGH GRADE DRIVEWAY.
- FINISH GRADE DRIVEWAY AND STABILIZE ALL SLOPES. PAVE SECTION OF DRIVEWAY.
- ONCE SITE IS COMPLETELY STABILIZED TO THE SATISFACTION OF THE ENGINEER AND WEO, REMOVE ALL E&S CONTROLS AND DISPOSE OF PROPERLY.

LAND DISTURBANCE

- ALL EXISTING VEGETATION OUTSIDE OF THE CLEARING LIMITS SHALL BE PROTECTED. EXISTING VEGETATION SHALL BE REMOVED ONLY IN AREAS NECESSARY FOR SITE CONSTRUCTION ACTIVITIES. ANY ADDITIONAL CLEARING OUTSIDE OF THE PROPOSED CLEARING LIMITS SHALL BE APPROVED BY TOWN STAFF PRIOR TO CLEARING.
- ALL AREAS SHALL REMAIN UNDISTURBED UNTIL IMMEDIATELY PRIOR TO SITE DEVELOPMENT.
- ALL CONSTRUCTION EQUIPMENT, MATERIALS AND STOCKPILES SHALL NOT BE PLACED OUTSIDE OF THE DISTURBED AREAS.
- ALL TREES, BRUSH, STUMPS, WOOD CHIPS OR OTHER ORGANIC MATTER SHALL BE DISPOSED OF PROPERLY OFF-SITE. WOOD CHIPS MAY BE USED AS A SILTATION BARRIER DURING CONSTRUCTION AND SPREAD AFTER SITE IS STABILIZED. NO ORGANIC MATTER INCLUDING TREES, BRUSH AND STUMPS SHALL BE BURIED ON-SITE.

STRIPPING AND STOCKPILING

ALL MATERIALS SHALL BE IMMEDIATELY MOVED OFF SITE. NO MATERIALS SHALL BE STOCKPILED LONGER THAN 24 HOURS.

SOIL EROSION AND SEDIMENT CONTROLS

ALL ADJACENT PROPERTIES AND RECEIVING WATERCOURSES AND / OR WETLAND AREAS SHALL BE ADEQUATELY PROTECTED FROM SOIL EROSION AND SEDIMENTATION BOTH DURING AND AFTER CONSTRUCTION.

ADDITIONAL EROSION AND SEDIMENT CONTROLS MAY BE REQUIRED BY THE DESIGN ENGINEER OR CONNECTICUT DEP AND SHALL BE INSTALLED AND MAINTAINED BY THE PROPERTY OWNER OR CONTRACTOR. THE PROPERTY OWNER OR CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROLS BEFORE, DURING AND AFTER CONSTRUCTION. THE CONTRACTOR IS ALSO RESPONSIBLE FOR THE PROPER REMOVAL AND DISPOSAL OF ALL EROSION AND SEDIMENT CONTROLS ONCE THE SITE IS COMPLETELY STABILIZED.

ALL EROSION AND SEDIMENT CONTROLS SHALL BE INSPECTED WEEKLY AND AFTER ALL RAINFALL EVENTS. E & S CONTROLS SHALL BE REPAIRED OR REPLACED AS NECESSARY WITHIN 24 HOURS THROUGHOUT THE CONSTRUCTION DURATION.

ALL ACCUMULATED SEDIMENTS AT ALL EROSION AND SEDIMENT CONTROLS SHALL BE PERIODICALLY REMOVED AND SPREAD IN AREAS THAT ARE NOT SUBJECT TO EROSION.

THE PERMITTEE SHALL EMPLOY BEST MANAGEMENT PRACTICES, CONSISTENT WITH THE TERMS AND CONDITIONS OF THE DEP PERMIT, TO CONTROL STORMWATER DISCHARGES AND TO PREVENT EROSION AND SEDIMENTATION AND TO OTHERWISE PREVENT POLLUTION OF WETLANDS OR WATERCOURSES. THE PERMITTEE SHALL IMMEDIATELY INFORM THE DESIGN ENGINEER AND THE CONNECTICUT DEP OF ANY PROBLEMS INVOLVING WETLANDS OR WATERCOURSES THAT HAVE DEVELOPED IN THE COURSE OF, OR THAT ARE CAUSED BY, THE AUTHORIZED WORK.

VEGETATIVE TURF ESTABLISHMENT PROCEDURE

SEED AND MULCH ACCORDING TO THE FOLLOWING SCHEDULE:

PERMANENT SEED MIXTURE:

ALL SEED SHALL CONSIST OF AN EROSION CONTROL MIX FROM NEW ENGLAND WETLAND PLANTS, INC. OR APPROVED EQUAL. ALL SEED SUPPLIER RECOMMENDATIONS, SPECIFICATIONS AND INSTRUCTIONS SHALL BE STRICTLY FOLLOWED.

NO FERTILIZER SHALL BE APPLIED.

MULCHING:

SPREAD HAY OR STRAW OVER ALL AREAS AFTER SEEDING. USE 1 1/2 TO 2 BALES PER 1,000 SQ. FT. TARGET FOR 100% COVERAGE. ANCHOR BY USING NETTING OR TRACKING AS NECESSARY.

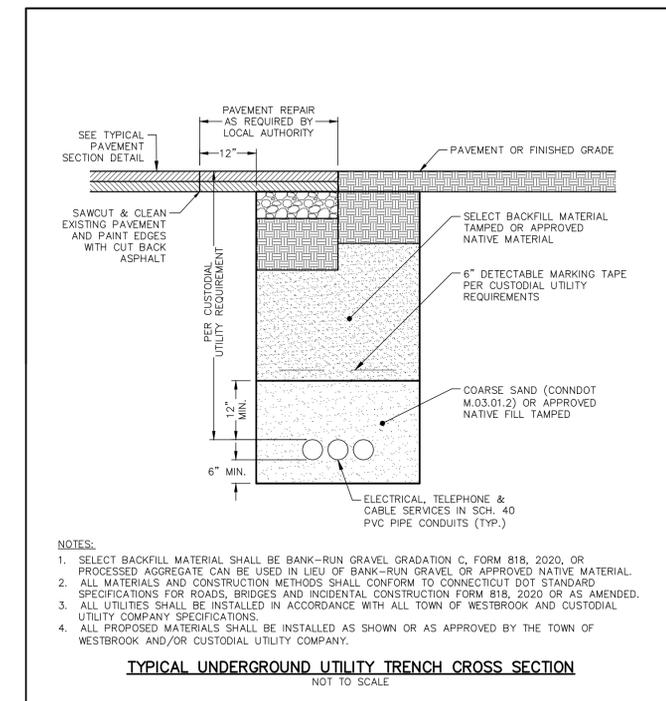
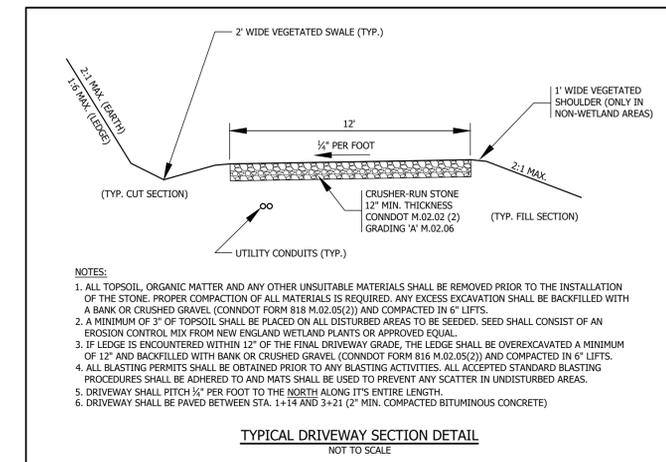
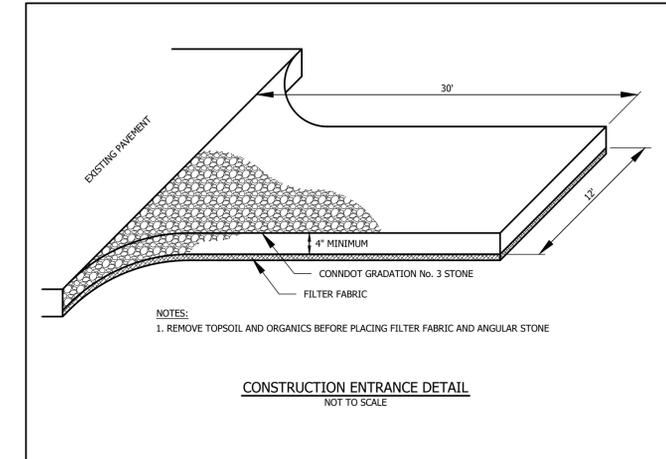
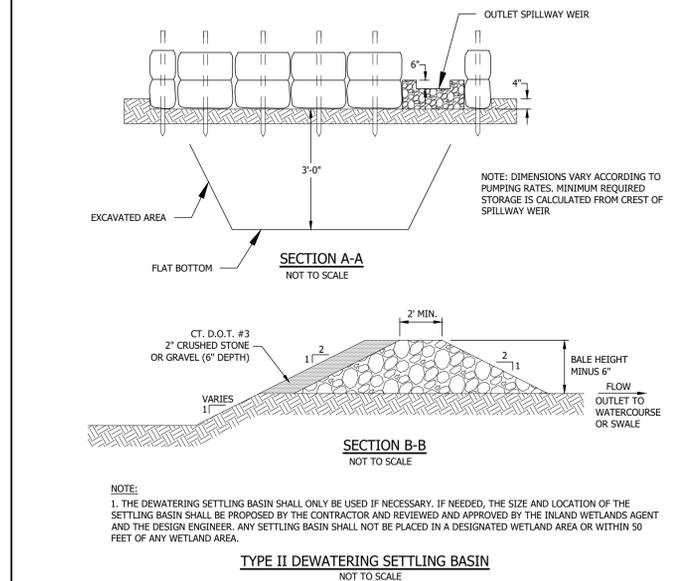
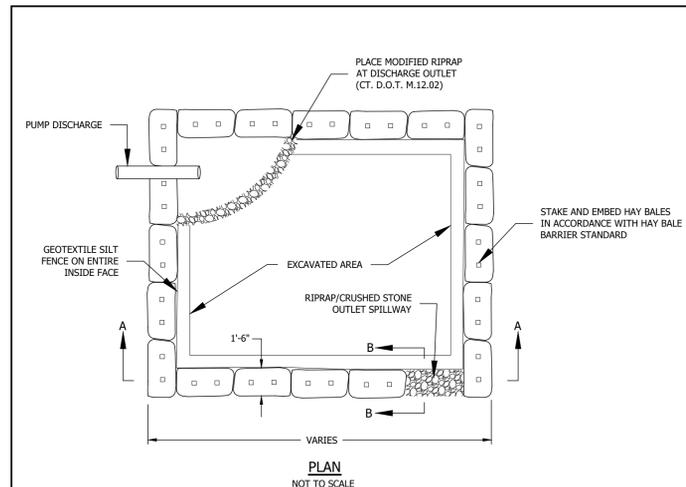
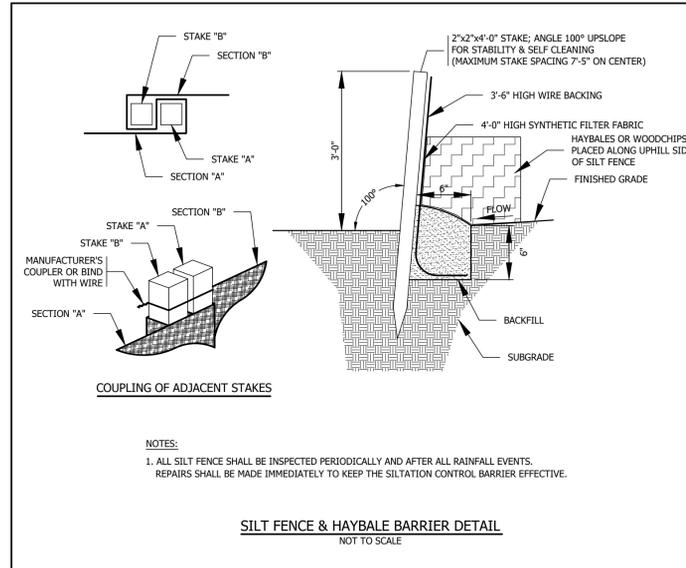
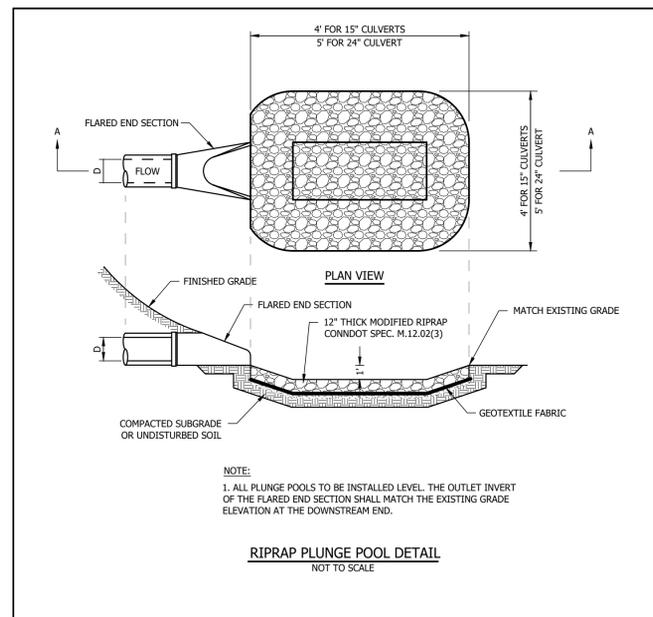
SEEDING DATES:

AS RECOMMENDED BY THE SEED SUPPLIER.

CONTACT INFORMATION

DESIGN ENGINEER
MR. JOE WREN, PE
OFFICE: 860-388-9343

TOWN OF WESTBROOK WETLANDS ENFORCEMENT OFFICER
MS. HEIDI WALLACE
OFFICE: 860-399-3017



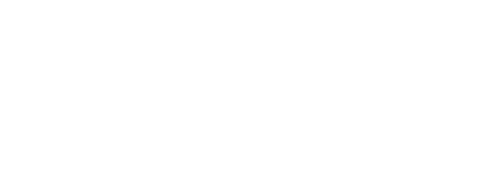
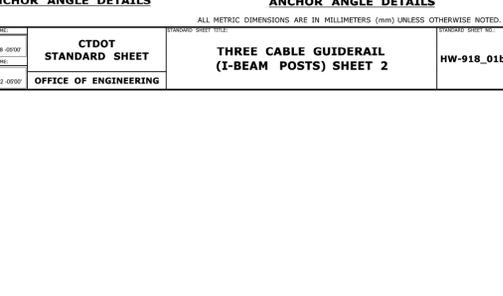
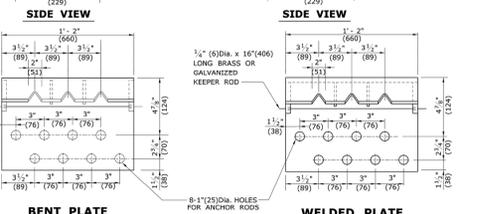
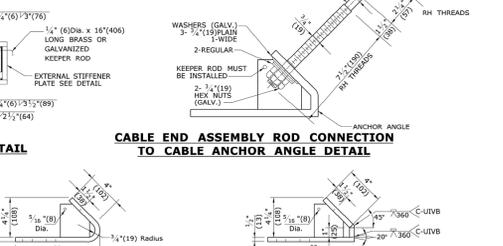
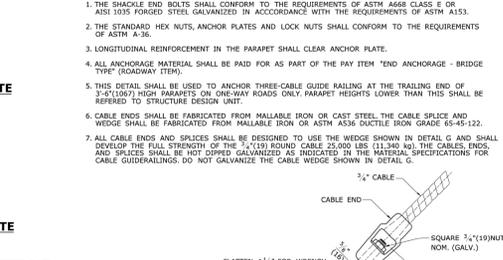
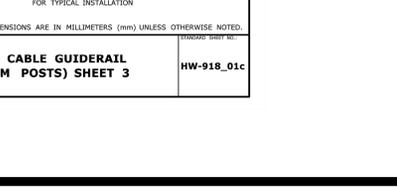
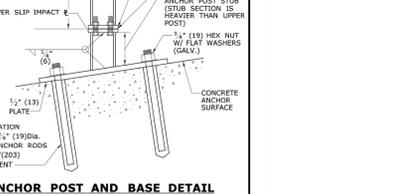
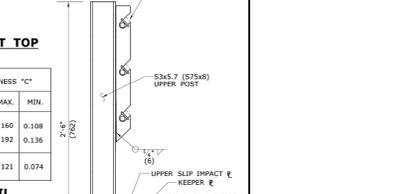
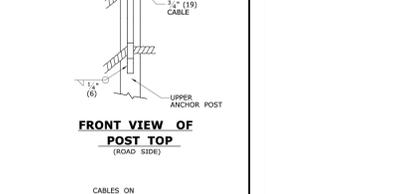
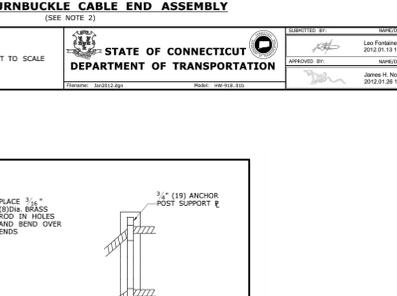
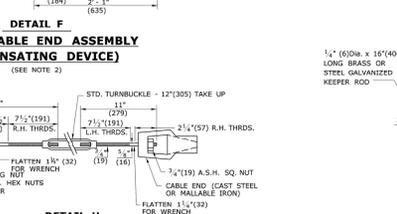
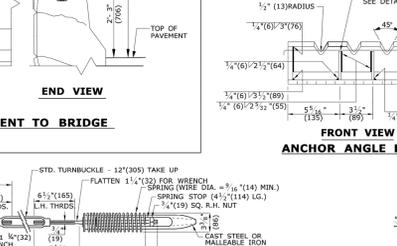
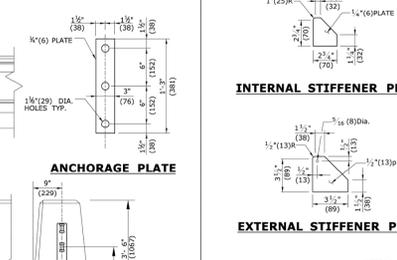
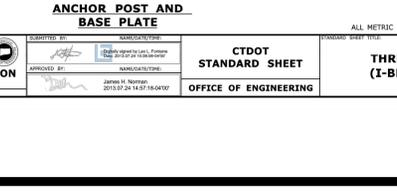
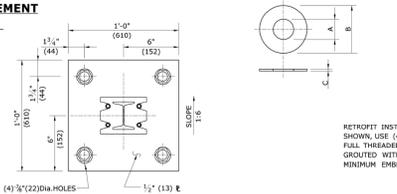
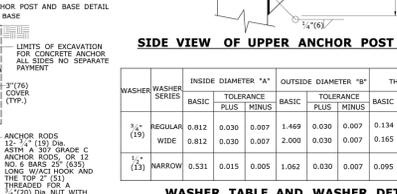
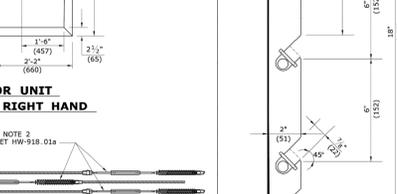
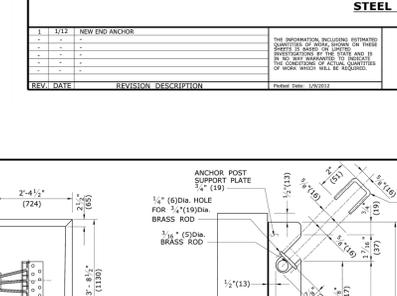
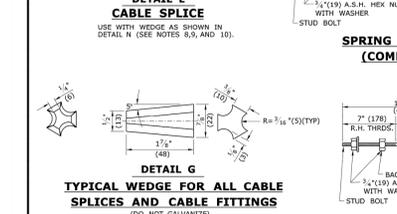
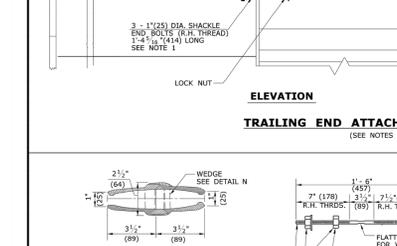
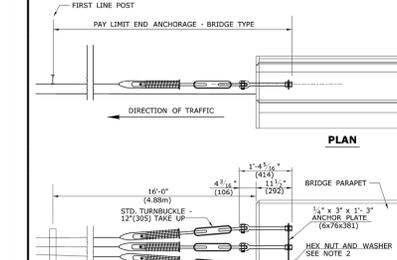
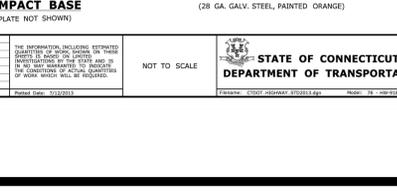
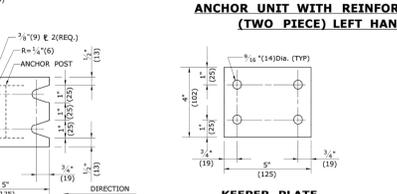
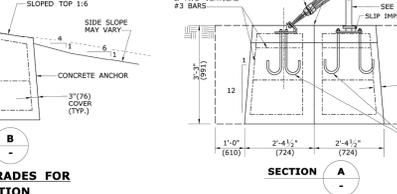
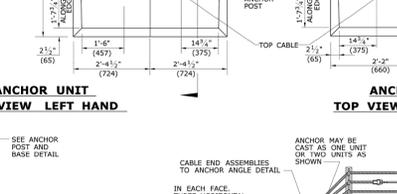
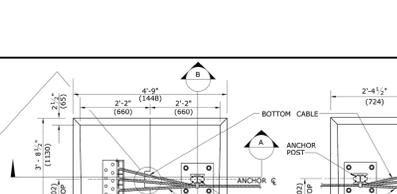
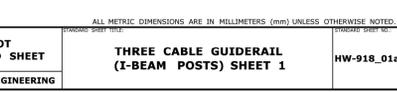
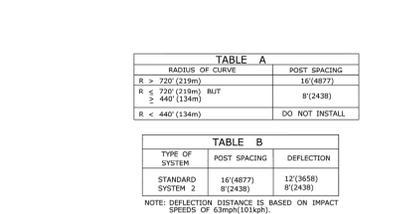
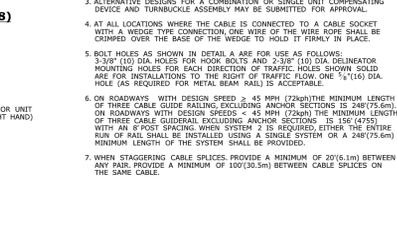
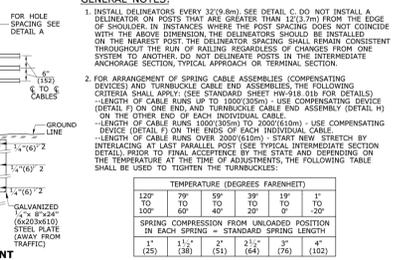
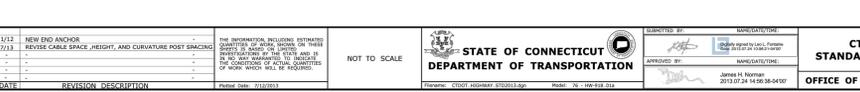
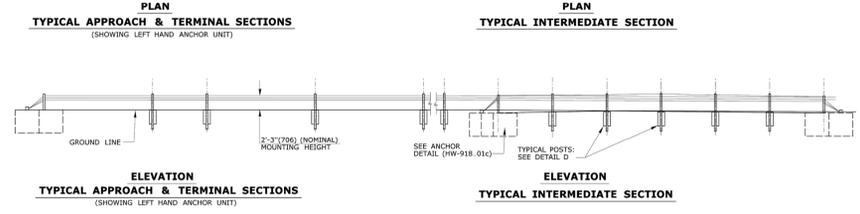
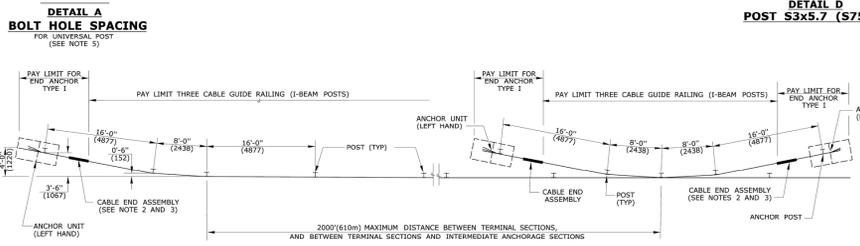
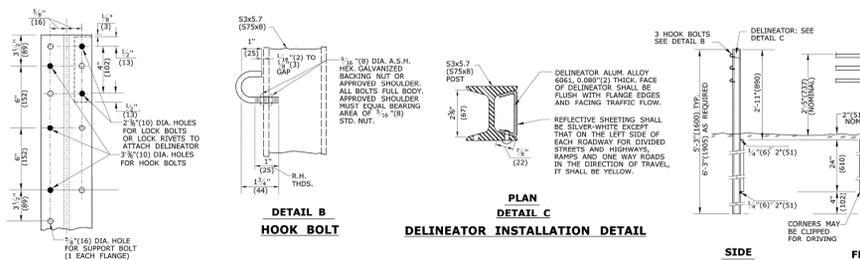
PLAN PREPARED BY:
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40 ELM STREET, 2ND FLOOR
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#	DATE	DESCRIPTION	BY
4	5/21/20	Minor Updates for New IW Permit	RG
3	11/17/09	IW & Engineer Comments	JW
2	10/27/09	Inland Wetlands Comments	JW
1	8/25/08	Added Driveway Cross Section & Construction Entrance Details	JW

THE ENCLOSED SEAL OF THE ENGINEER MUST BE AFFIXED HERE FOR THIS MAP TO BE VALID

E&S CONTROL DETAILS AND NARRATIVE
PREPARED FOR JOHN G. McCALL, JR.
376 & 380 HORSE HILL ROAD -- TAX MAP 155 LOTS 2 & 4
WESTBROOK, CONNECTICUT

DATE: AUGUST 1, 2008
SCALE: NOT TO SCALE
DRAWN BY: JW
CHKD BY: JW
DWG. NO.: D-1



GENERAL NOTES:

- INSTALL DELINEATORS EVERY 32'(9.8m). SEE DETAIL C. DO NOT INSTALL A DELINEATOR ON POSTS THAT ARE GREATER THAN 12'(3.7m) FROM THE EDGE OF SHOULDER. IN INSTANCES WHERE THE POST SPACING DOES NOT CONFORM WITH THE ABOVE DIMENSION, DELINEATORS SHOULD BE INSTALLED ON THE NEAREST POST. DELINEATOR SPACING SHALL REMAIN CONSISTENT THROUGHOUT THE RUN OF RAILING REGARDLESS OF CHANGES FROM ONE SYSTEM TO ANOTHER. DO NOT DELINEATE POSTS IN THE INTERMEDIATE ANCHORAGE SECTION, TYPICAL APPROACH OR TERMINAL SECTION.
- FOR ARRANGEMENT OF SPRING CABLE ASSEMBLIES (COMPENSATING DEVICES) AND TURNBUCKLE ASSEMBLIES, THE FOLLOWING CRITERIA SHALL APPLY: (SEE STANDARD SHEET HW-918.01a FOR DETAILS)
 - LENGTH OF CABLE RUNS TO 1000'(305m) - USE COMPENSATING DEVICE (DETAIL F) ON THE ENDS OF EACH INDIVIDUAL CABLE.
 - LENGTH OF CABLE RUNS OVER 2000'(610m) - START NEW STRETCH BY INTERLACING AT LAST ANCHOR POST (SEE TYPICAL INTERMEDIATE SECTION DETAIL P) ON ONE END AND TURNBUCKLE CABLE END ASSEMBLY (DETAIL H) ON THE OTHER END OF EACH INDIVIDUAL CABLE.
 - TEMPERATURE (DEGREES FAHRENHEIT)

122°	29°	15°	30°	10°
127°	32°	17°	33°	11°
132°	35°	19°	36°	12°
137°	38°	21°	39°	13°
142°	41°	23°	42°	14°
147°	44°	25°	45°	15°
- ALTERNATIVE DESIGNS FOR A COMBINATION OR SINGLE UNIT COMPENSATING DEVICE AND TURNBUCKLE ASSEMBLY MAY BE SUBMITTED FOR APPROVAL.
- AT ALL LOCATIONS WHERE THE CABLE IS CONNECTED TO A CABLE SOCKET WITH A WEDGE TYPE CONNECTION, ONE WIRE OF THE WIRE ROPE SHALL BE COMBED OVER THE BASE OF THE WEDGE TO HOLD IT FIRMLY IN PLACE.
- BOLT HOLES AS SHOWN IN DETAIL A ARE FOR USE AS FOLLOWS:
 - 3-3/8" (110) DIA HOLES FOR HOOK BOLTS AND 2-3/8" (110) DIA DELINEATOR MOUNTING HOLES FOR EACH DIRECTION OF TRAFFIC HOLES SHOULD BE USED FOR INSTALLATIONS TO THE RIGHT OF TRAFFIC FLOW, ONE 3/4" (19) DIA. HOLE (AS REQUIRED FOR METAL BEAM PAUL) IS ACCEPTABLE.
 - ON ROADWAYS WITH DESIGN SPEED > 45 MPH (72km/h) THE MINIMUM LENGTH OF THREE CABLE GUIDE RAILING EXCLUDING ANCHOR SECTIONS IS 280'(75m). ON ROADWAYS WITH DESIGN SPEED < 45 MPH (72km/h) THE MINIMUM LENGTH OF THREE CABLE GUIDERAIL EXCLUDING ANCHOR SECTIONS IS 200'(61m). WITH AN 8' POST SPACING, WHEN SYSTEM 2 IS REQUIRED, EITHER THE ENTIRE RUN OF PAUL SHALL BE INSTALLED USING A SINGLE SYSTEM OR A 240'(73.5m) MINIMUM LENGTH OF THE SYSTEM SHALL BE PROVIDED.
 - WHEN STAGGERING CABLE SPLICES, PROVIDE A MINIMUM OF 20'(6.1m) BETWEEN ANY PAIR, PROVIDE A MINIMUM OF 100'(30.5m) BETWEEN CABLE SPLICES ON THE SAME CABLE.

TABLE A

RADIUS OF CURVE	POST SPACING
R > 720' (219m)	16'(4872)
R < 720' (219m) BUT	8'(2438)
R < 440' (134m)	DO NOT INSTALL

TABLE B

TYPE OF SYSTEM	POST SPACING	DEFLECTION
STANDARD	16'(4872)	12'(3658)
SYSTEM 2	8'(2438)	8'(2438)

NOTE: DEFLECTION DISTANCE IS BASED ON IMPACT SPEEDS OF 60MPH (96km/h).

GENERAL NOTES:

- THE SHACKLE END BOLTS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A668 CLASS E OR AISI 1005 FORGED STEEL GALVANIZED IN ACCORDANCE WITH THE REQUIREMENTS OF ASTM A153.
- THE STANDARD HEX NUTS, ANCHOR PLATES AND LOCK NUTS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A306.
- LONGITUDINAL REINFORCEMENT IN THE PARAPET SHALL CLEAR ANCHOR PLATE.
- ALL ANCHORAGE MATERIAL SHALL BE PAID FOR AS PART OF THE PAY ITEM "END ANCHORAGE - BRIDGE TYPE" (ROADWAY ITEM).
- THIS DETAIL SHALL BE USED TO ANCHOR THREE-CABLE GUIDE RAILING AT THE TRAILING END OF 3'-6"(1067) HIGH PARAPETS ON ONE-WAY ROADS ONLY. PARAPET HEIGHTS LOWER THAN THIS SHALL BE REFERRED TO STRUCTURE DESIGN UNIT.
- CABLE ENDS SHALL BE FABRICATED FROM MALLEABLE IRON OR CAST STEEL. THE CABLE SPLICE AND WEDGE SHALL BE FABRICATED FROM MALLEABLE IRON OR ASTM A536 DUCTILE IRON GRADE 65-45-12.
- ALL CABLE ENDS AND SPLICES SHALL BE DESIGNED TO USE THE WEDGE SHOWN IN DETAIL G AND SHALL DEVELOP THE FULL STRENGTH OF THE 3/4" (19) ROUND CABLE. 2500 LBS (1130 kg) AND THE CABLES, ENDS AND SPLICES SHALL BE HOT DIPPED GALVANIZED AS INDICATED IN THE MATERIAL SPECIFICATIONS FOR CABLE GUIDERAILS. DO NOT GALVANIZE THE CABLE WEDGE SHOWN IN DETAIL G.

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REVISIONS

NO.	DATE	DESCRIPTION
1	1/12	NEW END ANCHOR
2	7/13	REVISE CABLE SPACE, HEIGHT, AND CURVATURE POST SPACING
3	-	-
4	-	-
5	-	-
6	-	-
7	-	-
8	-	-
9	-	-
10	-	-

REVISIONS

NO.	DATE	DESCRIPTION
1	1/12	NEW END ANCHOR
2	7/13	REVISE CABLE SPACE, HEIGHT, AND CURVATURE POST SPACING
3	-	-
4	-	-
5	-	-
6	-	-
7	-	-
8	-	-
9	-	-
10	-	-

REVISIONS

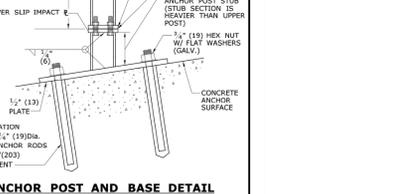
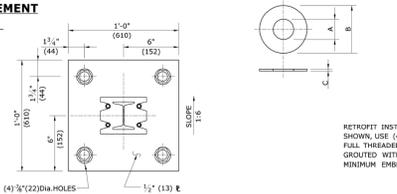
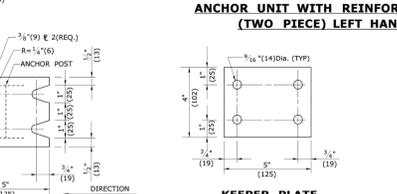
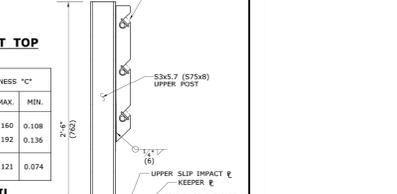
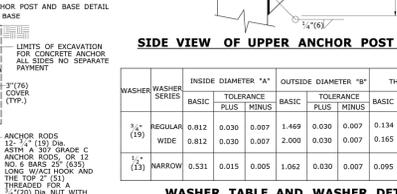
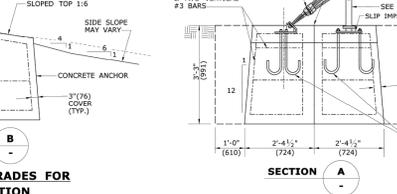
NO.	DATE	DESCRIPTION
1	1/12	NEW END ANCHOR
2	7/13	REVISE CABLE SPACE, HEIGHT, AND CURVATURE POST SPACING
3	-	-
4	-	-
5	-	-
6	-	-
7	-	-
8	-	-
9	-	-
10	-	-

REVISIONS

NO.	DATE	DESCRIPTION
1	1/12	NEW END ANCHOR
2	7/13	REVISE CABLE SPACE, HEIGHT, AND CURVATURE POST SPACING
3	-	-
4	-	-
5	-	-
6	-	-
7	-	-
8	-	-
9	-	-
10	-	-

REVISIONS

NO.	DATE	DESCRIPTION
1	1/12	NEW END ANCHOR
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4	-	-
5	-	-
6	-	-
7	-	-
8	-	-
9	-	-
10	-	-



REVISIONS

NO.	DATE	DESCRIPTION
1	1/12	NEW END ANCHOR
2	7/13	REVISE CABLE SPACE & ANCHOR POST
3	-	-
4	-	-
5	-	-
6	-	-
7	-	-
8	-	-
9	-	-
10	-	-

REVISIONS

NO.	DATE	DESCRIPTION
1	1/12	NEW END ANCHOR
2	7/13	REVISE CABLE SPACE & ANCHOR POST
3	-	-
4	-	-
5	-	-
6	-	-
7	-	-
8	-	-
9	-	-
10	-	-

REVISIONS

NO.	DATE	DESCRIPTION
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6	-	-
7	-	-
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REVISIONS

NO.	DATE	DESCRIPTION
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REVISIONS

NO.	DATE	DESCRIPTION
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4	-	-
5	-	-
6	-	-
7	-	-
8	-	-
9	-	-
10	-	-

INDIGO
LAND DESIGN

PLAN PREPARED BY: INDIGO LAND DESIGN, LLC
INDIGO LAND DESIGN, LLC
CT REG. NO. 21,000
40 ELM STREET, 2ND FLOOR
OLD SAYBROOK, CT 06475
PHONE: (860) 388-9343
FAX: (860) 391-8854

NO.	DATE	DESCRIPTION
1	5/21/20	Minor Updates for New IAW Permit

THREE CABLE GUIDERAIL DETAILS
PREPARED FOR JOHN G. MCCALL, JR.
376 & 380 HORSE HILL ROAD -- TAX MAP 155 LOTS 2 & 4
WESTBROOK, CONNECTICUT

DATE: DECEMBER 1, 2008
SCALE: AS SHOWN
DRAWN BY: RR
CHKD BY: JW
DWG. NO.: D-2