EROSION AND SEDIMENTATION PLAN:
RESPONSIBLE JOB SITE PERSONAL: TO BE DETERMINED EXPECTED START DATE: TO BE DETERMINED EXPECTED COMPLETION DATE: TO BE DETERMINED 1.) EROSION AND SEDIMENTATION CONTROL ACTIVITIES TO CONFORM TO PRACTICES OUTLINED IN THE 2002 CONNECTICUT GUIDELINES FOR EROSION AND SEDIMENT CONTROL MANUAL. 2.) PRIOR TO SITE DISTURBANCE INSTALL SILT FENCE AND ANTI-TRACKING PAD AT LOCATIONS SHOWN ON THE MAP. ADDITIONAL EROSION AND SEDIMENTATION CONTROL MEASURES MAYBE REQUIRED AS FIELD CONDITIONS REQUIRE. CONTACT THE TOWN EROSION CONTROL OFFICER TO SCHEDULE AN INSPECTION OF THESE INSTALLED MEASURES PRIOR TO ANY FURTHER SITE DISTURBANCE. 3.) INSPECT AND REPAIR AS REQUIRED EROSION AND SEDIMENTATION CONTROL MEASURES PERIODICALLY, ALSO BEFORE AND AFTER LARGE RAIN STORMS. 4.) REMOVE EXISTING HOUSE STRUCTURE, WALKWAY AND DRIVEWAY. 5.) STRIP AND STOCKPILE TOPSOIL. 6.) INSTALL AND STABILIZE PROPOSED DRIVEWAY BASE. 7.) CONSTRUCT PROPOSED HOUSE AND GARAGE. 8.) CONSTRUCT RAIN GARENS AND CONNECT TO ROOF GUTTERS. LAKE WANGUMBAUG 9.) SPREAD TOPSOIL, MACHINE RAKE, FERTILIZE, SEED AND MULCH DISTURBED AREAS AS SOON AS AKA COVENTRY LAKE POSSIBLE. USE A GRASS SEED MIXTURE BASED ON SITE CONDITIONS (i.e., SUN OR SHADE) AND THE SEASONAL WEATHER CONDITIONS. 10.) INSTALL FINAL DRIVEWAY SURFACES. 7.) REMOVE ALL EROSION AND SEDIMENTATION CONTROL MEASURES AFTER ENTIRE SITE HAS BEEN LIMIT OF 75 FT.UPLAND REVIEW BUFFER —— HIGH WATER MARK 8.) DEWATERING OPERATIONS, IF REQUIRED, SHALL UTILIZE A CRUSHED STONE INTAKE SUMP AND A ELEVATION 515.00 PER TEMPORARY OUTLET SILT POOL LOCATED WITHIN THE LIMITS OF DISTURBANCE. INSTALL AND MAINTAIN 2 ROWS OF SILTFENCE DURING CONSTRUCTION | TOWN OF COVENTRY WETLAND REGULATIONS 9.) ANY EXISTING DISTURBED AREAS MUST BE SEEDED WITH PERMANENT OR TEMPORARY GROUND COVER AND MULCHED PRIOR TO OCTOBER 15. TALL BENT IP LOT AREA PREPARATION: FINE GRADE AND RAKE SOIL SURFACE TO REMOVE STONES LARGER THAN 2" IN LIMIT OF 75FT. WETLANDS UPLAND REVIEW BUFFER — DIAMETER. INSTALL SEEDED EROSION CONTROL DEVICES SUCH AS SURFACE WATER DIVERSIONS AS REQUIRED. APPLY LIMESTONE AT A RATE OF 2 TONS/AC. OR 90 LBS./1000 SQ.FT. FERTILIZE WITH PROPOSED ADDITION
TO EXISITNG HOUSE FOOTPRINT 10-10-10 AT A RATE OF 300 LBS./AC. OR 7.5 LBS. PER 1000 SQ.FT. WORK LIME AND FERTILIZER INTO SOIL UNIFORMLY TO A DEPTH OF 4". PROPOSED RAIN GARDEN OR INFILTRATOR 0.37 ACRES ROOF STORMWATER MANAGEMENT AREA SEED APPLICATION: APPLY SEED MIXTURE FROM THE CHART BELOW BY HAND, CYCLONE SEEDER OR HYDRO SEEDER. INCREASE SEED MIXTURE BY 10% IF HYDRO SEEDER IS USED. LIGHTLY DRAG OR ROLL THE SEEDED SURFACE TO COVER SEED. SEEDING SHOULD BE DONE BETWEEN THE TIMES SHOWN ON THE CHART BELOW. IF SEEDING CANNOT BE DONE DURING THESE TIMES, REPEAT MULCHING PROCEDURE BELOW UNTIL SEEDING CAN TAKE PLACE. PATRICK WAGSTROM MULCHING: IMMEDIATELY FOLLOWING SEEDING, MULCH THE SEED SURFACE WITH STRAW OR HAY AT MONA LONG 51 EDGEWATER DRIVE A RATE OF 2 TO 3 TONS/AC. SPREAD MULCH BY HAND OR MULCH BLOWER. PUNCH MULCH INTO SOIL **EDGEWATER DRIVE** SURFACE WITH A TRACK MACHINE OR DISK HARROW SET STRAIGHT UP. IF USING HYDRO SEED MIX USE TACTIFIER ADDITIVES TO ADHERE MULCH MATERIAL TO THE SURFACE. PROPOSED MAIL: P.O. BOX 3849 RECOMMENDED **ASPEN CO. 81612** LB/1000 SQ. FT. SEED MIXTURE SEEDING DATES PROPOSED COVERED ENTRY — PERMANENT LAWN KENTUCKY BLUEGRASS 0.45 4/1-6/15 (VACANT) CREEPING RED FESCUE 8/15-10/1 PERENNIAL RYEGRASS PROPOSED HOUSE ITHIN EXISTING FOOTPRINT SLOPES & COARSE LAWN 0.45 CREEPING RED FESCUE — EXISITNG CRUSHED STONE DRIVEWAY (TO BE R∯MOVED) RED TOP 0.05 8/15-10/1 1ST FF.=533.35 EDGE OF EXISTING HOUSE ----0.45 TALL FESCUE BASEMENT FF.=523.67 -CONCRETE WALKWAY AND STEPS #55 EDGEWATER DR. — EXISTING WELL PER MAP REFERENCE 1 SLOPES (NO MOWING) CREEPING RED FESCUE 4/1-6/15 SANITARY SEWER CLEAN-OUT RED TOP 8/15-10/1 TEMPORARY COVER WINTER RYE 4/15-6/15,8/15-10/15 LIMIT OF 150FT. LAKE WANGUMBAUG UPLAND REVIEW BUFFER -PROPOSED PERMEABLE DRIVEWAY MAX GRADE 5% ANNUAL RYEGRASS 3/1-6/15,8/1-10/15 -STONE COVERED AREA PROPOSEC` IF SEED IS PLANTED OUTSIDE THE RECOMMENDED SEEDING DATES IRRIGATION MAYBE REQUIRED AT BREEZEWA A UNIFORM APPLICATION RATE OF 1 TO 2 INCHES OF WATER APPLIED PER APPLICATION, SOAKING LIMIT OF FIELD LOCATED THE GROUND TO A DEPTH OF 4 INCHES. INLAND WETLANDS GARAGE PROPOSED DRIVEWAY RAIN GARDEN ADDITION) -BRICK WALKWAY (TO BE REMOVED) **EXISTING OVERHEAD UTILITIES** PROPOSED PAVED DRIVEWAY MAX GRADE 15% EXISTING STONE PARKING AREA TO BE REMOVED LOAMED AND SEED - IP BENCHMARK NAIL IN POLE ELEVATION=540.18 - PROPOSED GRASS LINED SWALE ANTI - TRACKING CONSTRUCTION ENTRANCE NOT TO SCALE INSTALL AND MAINTAIN CONSTRUCTION ENTANC JOSEPH M. & LINDA C HARDWOOD STAKE SPACE 10' APART MAX. **ROBBIATI** ANGLE STAKES UP-SLOPE 46 EDGEWATER DRIVE STAKED HAY BALES TO EACH STAKE WILLIAM C. JESKE AS REQUIRED EDGEWATER DRIVE MAIL: 76 WOODMERE RD. COVENTRY, CT. 06238 (VACANT) CURL FABRIC UP-SLOPE -SILT FENCE DETAIL NOT TO SCALE



EXISTING MERESTONE IRON ROD TO BE SET **EXISTING IRON ROD** EXISTING WELL PROPOSED SILT FENCE LIMIT OF DISTURBANCE LIMIT OF DISTURBANCE EXISTING UTILITY POLE PROPOSED SPOT GRADE

EXISTING SPOT GRADE EXISTING CONTOUR PROPOSED CONTOUR

EDGE OF FIELD LOCATED WETLANDS ▲WF 20 WETLANDS FLAG

TYPICAL PLANTING SCHEDULE: PLANT TYPE WOOL GRASS ORCHARD GRASS DOGWOOD SHRUBS (FINAL PLANTING SCHEDULE TO SUBMITTED PRIOR TO CONSTRUCTION) DISCHARGE 2,420 SQ. FT. OF HOUSE/GARAGE ROOF GUTTERS OUTLET INTO THE RAIN GARDEN 200 CUBIC FEET STROMWATER

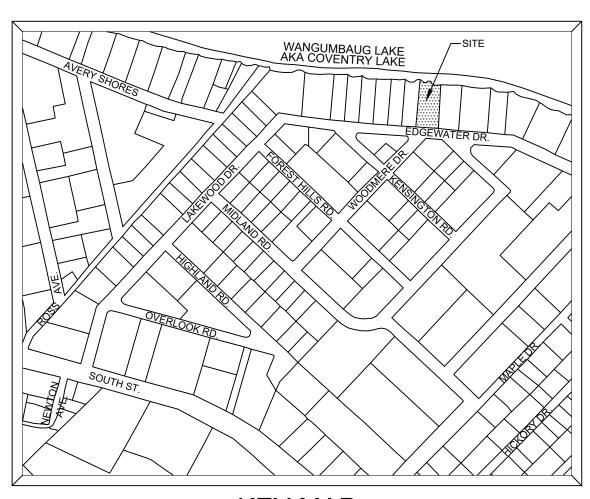
REFER TO THE UCONN COOPERATIVE EXTENSION SYSTEM RAIN GARDENS A DESIGN GUIDE FOR HOMEOWNERS MANUAL FOR CONSTRUCTION, PLANTING AND MAINTENANCE GUIDELINES RAIN GARDEN CROSS SECTION DETAIL NO SCALE

3" OF HARDWOOD MULCH

EXISTING AND AMENDED (AS REQUIRED) SOIL-

TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

ANDREW F. BUSHNELL P.E. L.S. 24591 THIS MAP IS NOT VALID UNLESS IT BEARS THE EMBOSSED SEAL OF THE LICENSED LAND SURVEYOR WHOSE REGISTRATION NUMBER AND SIGNATURE APPEAR ABOVE.



KEY MAP

.) THIS SURVEY AND MAP HAS BEEN PREPARED IN ACCORDANCE WITH SECTIONS 20-300b-1 THRU 20-300b-20 OF THE REGULATIONS OF CONNECTICUT STATE AGENCIES "MINIMUM STANDARDS OF ACCURACY, CONTENT AND CERTIFICATION FOR SURVEYS AND MAPS". AS PREPARED AND ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS INC. ON AUGUST 29, 2019. IT IS A LIMITED PROPERTY/ BOUNDARY ZONING LOCATION SURVEY MAP BASED ON A RESURVEY CONFORMING TO HORIZONTAL SURVEY ACCURACY CLASS A-2 AND TOPOGRAPHIC SURVEY ACCURACY CLASS T-2 . THE INTENT OF THIS MAP IS TO DEPICT THE LOCATION OF THE EXISTING IMPROVEMENTS SHOWN WITH RESPECT TO THE APPLICABLE MUNICIPAL OR STATUTORY REQUIREMENTS.

2.) THE PROPERTY IS LOCATED IN A LR ZONE.

3.) THE PROPERTY IS LOCATED IN A FLOOD HAZARD ZONE A PER FIRM FLOOD INSURANCE RATE MAP COMMUNITY-PANEL NUMBER 090110-0015C EFFECTIVE JUNE 4, 1980.

4.) THE PROPERTY IS SUBJECT TO CERTAIN CONDITIONS, RESERVATIONS AND RESTRICTIVE COVENANTS CONTAINED IN VOLUME 70 PAGE 181 AND 182 OF THE TOWN OF COVENTRY LAND RECORDS.

5.) THE PROPERTY IS SUBJECT TO AN EASEMENT IN FAVOR OF THE CONNECTICUT LIGHT AND POWER

6.) THE PROPERTY IS SHOWN AS LOT 231 AND A PORTION OF LOT 232 ON MAP REFERENCE 1.

COMPANY FILED IN VOLUME 70 PAGE 58 OF THE TOWN OF COVENTRY LAND RECORDS.

7.) THE PROPERTY IS SHOWN ON THE TOWN OF COVENTRY ASSESSORS MAP P BLOCK 22 LOT 231.

8.) BEARINGS ARE BASED ON NAD 83 DATUM.

VOLUME 814 PAGE 34 OF THE TOWN OF COVENTRY LAND RECORDS.

9.) THE EDGEWATER DRIVE STREET LINE WAS ESTABLISHED FROM MAP REFERENCE 2 AND THE DEED FILED IN

10.) TOPOGRAPHY SHOWN WAS FIELD DERIVED Y BUSHNELL ASSOCIATES LLC AND IS BASED ON NGVD 1929 DATUM

MAP REFERENCES:

1.) LAKEWOOD HEIGHTS DEVELOPED BY HANK KEENE LAKE WAMGUMBAUG, COVENTRY, CONN. SCALE 1IN.=60FT. DEC. 30, 1946 JAMES SHEEKY ENGINEER

2.) TOWN OF COVENTRY RIGHT-OF-WAY MAP LAKEWOOD HEIGHTS COVENTRY LAKE SEWER EXPANSION PROJECT CONTRACT 2 COVENTRY CONNECTICUT FUSS & O'NEILL INC CONSULTING ENGINEERS 146 HARTFORD ROAD MANCHESTER, CONNECTICUT 06040 860 646 2469 SCALE HORZ. 1"=40' PROJ. NO. 199911730-700 DATE DECEMBER 2002 SHEET 2 OF 3

3.) TOWN OF COVENTRY RIGHT-OF-WAY MAP LAKEWOOD HEIGHTS COVENTRY LAKE SEWER EXPANSION PROJECT CONTRACT 2 COVENTRY CONNECTICUT FUSS & O'NEILL INC CONSULTING ENGINEERS 146 HARTFORD ROAD MANCHESTER, CONNECTICUT 06040 860 646 2469 SCALE HORZ. 1"=40' PROJ. NO. 199911730-700 DATE DECEMBER 2002 SHEET 3 OF 3

4.) IMPROVEMENT LOCATION PLAN PREPARED FOR TITAN CONSTRUCTION PROPOSED STORMWATER MANAGEMENT PLAN 41 EDGEWATER DRIVE COVENTRY CONNECTICUT ROB HELLSTROM LAND SURVEYING LLC

(860) 228-9853 32 MAIN STREET HEBRON, CT. 06248 OCTOBER 5, 2017 BY; ROBIN H. SCALE: 1"=10" FILE NO.: T116102 COV PLAN SHEET 1 OF 1 JOB.: 2016-102

CONSTRUCTION NOTES:

1.) OWNER OR CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND

APPROVALS.

2.) OWNER OR CONTRACTOR TO VERIFY ALL DIMENSIONS AND INFORMATION CONTAINED ON THIS PLAN PRIOR TO THE START OF CONSTRUCTION . THE ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES PRIOR TO THE START OF CONSTRUCTION.

3.) ANY TREES TO BE REMOVED IN THE TOWN RIGHT OF WAY SHALL BE POSTED BY THE TREE WARDEN

4.) ALL PROPOSED UTILITIES LOCATIONS SHALL BE APPROVED BY THE LOCAL UTILITY COMPANIES PRIOR TO THE START OF CONSTRUCTION.

TOTAL AREA OF DISTURBANCE IN UPLAND REVIEW AREA

7,800 SQ. FT. 0.18 ACRES

EXISTING LOT COVERAGE 11.2% PROPOSED LOT COVERAGE 18.5%

> PLAN PREPARED FOR **GARY COSTELLO**

COVENTRY, C 55 EDGEWATER DRIVE SITE PLAN

FILE NO. 2018-68

SHEET: 1 OF

BUSHNELL ASSOCIATES LLC.

CIVIL ENGINEERING AND LAND SURVEYING 563 WOODBRIDGE STREET MANCHESTER, CT. 06042

860-643-7875

REVISIONS: 5/21/2020

TYPICAL GUTTER DOWN SPOUT INFILTRATOR STRUCTURE CULTEC CONTRACTOR 100 DETAILS NOT TO SCALE VOLUME CALCULATIONS FOR 1IN. OF STORM WATER OVER PROPOSED IMPERVIOUS AREAS HOUSE/GARAGE ROOF FOOTPRINT AREA: 2,420 SQ. FT. 2,420 SQ. FT. X .083 FT. X 7.48 GALLONS/FT^3 / 215 GALLONS PER UNIT= 7 UNITS

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THE WETLAND SOILS ON THIS MAP WERE IDENTIFIED IN THE FIELD USING THE INSTALLED LENGTH ADJUSTMENT = 0.6

CRITERIA REQUIRED BY CT PA 72-155 AS AMENDED BY PA 73-571 AND ARE

ACCURATELY REPRESENTED ON THIS PLAN.

JOHN P. IANNI

CERTIFIED SOIL SCIENTIST

6" DIA. INSPECTION PORT

INSTALL 4IN. DIA. PVC