

**SURVEY NOTES:**

1. 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 ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON AUGUST 29 2019. IT IS A GENERAL LOCATION PLAN CONFORMING TO HORIZONTAL ACCURACY CLASS D AND TOPOGRAPHIC ACCURACY CLASS T-2. THIS PLAN WAS COMPILED FROM LIMITED FIELD MEASUREMENTS, OTHER MAPS, RECORD RESEARCH OR OTHER SOURCES OF INFORMATION. IT 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. THE INTENT OF THIS PLAN IS TO DEPICT THE LOCATION OF THE PROPOSED GARAGE IN RELATION TO THE FIELD LOCATED INLAND WETLANDS AND TOPOGRAPHY SHOWN FOR WETLAND APPLICATION PURPOSES ONLY.

- 2) PROPERTY IS LOCATED IN A GENERAL RESIDENCE ZONE - 80.
- 3) THE PORTION OF THE PROPERTY SHOWN IS NOT LOCATED IN A FLOOD HAZARD ZONE A PER FIRM FLOOD INSURANCE RATE MAP NUMBER 090110-0005D EFFECTIVE JUNE 11, 1992.
- 4) TOPOGRAPHY DEPICTED WAS FIELD DERIVED BY BUSHNELL ASSOCIATES LLC. USING AN ASSUMED DATUM.
- 5) THE INLAND WETLAND BOUNDARIES SHOWN WERE FIELD DELINEATED BY RICHARD ZULICK CERTIFIED SOIL SCIENTIST.

**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) PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY ALL BOUNDARY MARKERS SHALL BE SET BY A LICENSED LAND SURVEYOR.
- 4) PRESERVE ANY EXISTING STONE WALLS WHEREVER POSSIBLE.
- 5) ANY TREES TO BE REMOVED IN THE TOWN RIGHT OF WAY SHALL BE POSTED BY THE TREE WARDEN PRIOR TO REMOVAL.
- 6) ALL PROPOSED UTILITIES LOCATIONS SHALL BE APPROVED BY THE LOCAL UTILITY COMPANIES PRIOR TO THE START OF CONSTRUCTION.
- 8) CLEARING LIMITS SHALL BE FLAGGED BY A SURVEYOR PRIOR TO ANY SITE DISTURBANCE.

**EROSION AND SEDIMENTATION PLAN:**  
RESPONSIBLE JOB SITE PERSONAL TO BE DETERMINED  
EXPECTED START DATE: SEPTEMBER 30, 2020  
EXPECTED COMPLETION DATE: NOVEMBER 15, 2020

- 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 MAY BE 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 TREES AS REQUIRED
- 5.) STRIP AND STOCKPILE TOPSOIL.
- 6.) INSTALL AND STABILIZE PROPOSED DRIVEWAY BASE.
- 7.) CONSTRUCT PROPOSED GARAGE.
- 8.) CONSTRUCT RAIN GARDEN AND CONNECT TO ROOF GUTTERS.
- 9.) SPREAD TOPSOIL, MACHINE RAKE, FERTILIZE, SEED AND MULCH DISTURBED AREAS AS SOON AS 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 STABILIZED.
- 8.) DEWATERING OPERATIONS, IF REQUIRED, SHALL UTILIZE A CRUSHED STONE INTAKE SUMP AND A TEMPORARY OUTLET SILT POOL LOCATED WITHIN THE LIMITS OF DISTURBANCE.
- 9.) ANY EXISTING DISTURBED AREAS MUST BE SEEDED WITH PERMANENT OR TEMPORARY GROUND COVER AND MULCHED PRIOR TO OCTOBER 15.

**SITE SEEDING NOTES:**

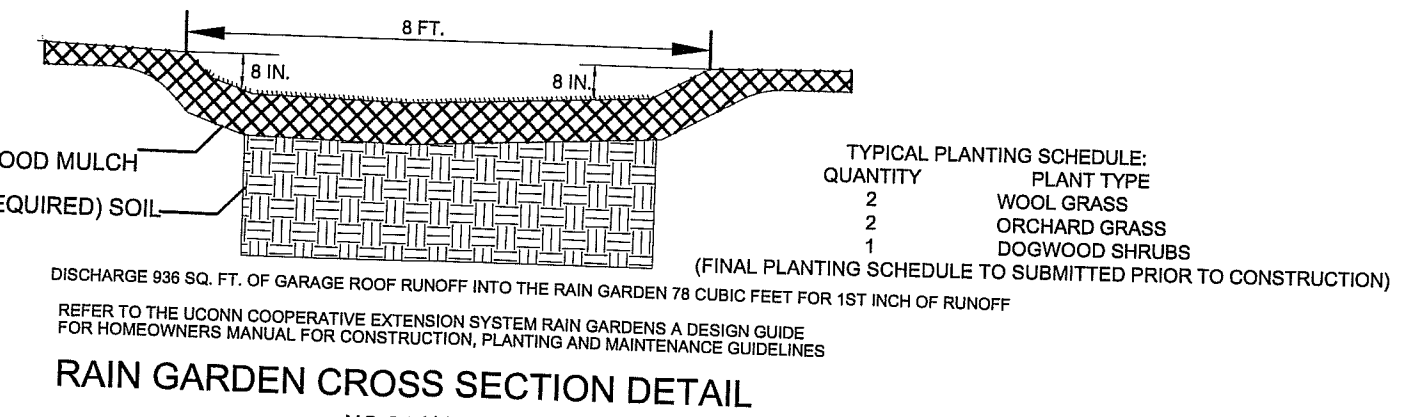
PREPARATION: FINE GRADE AND RAKE SOIL SURFACE TO REMOVE STONES LARGER THAN 2" IN DIAMETER. INSTALL SEEDED EROSION CONTROL DEVICES SUCH AS SURFACE WATER DIVERSIONS AS REQUIRED. APPLY LIMESTONE AT A RATE OF 2 TONS/AC. OR 80 LBS./1000 SQ. FT. FERTILIZER WITH 10-10-10 AT A RATE OF 300 LBS./AC. OR 7.5 LBS. PER 1000 SQ. FT. WORK LIME AND FERTILIZER INTO SOIL UNIFORMLY TO A DEPTH OF 4".

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.

MULCHING: IMMEDIATELY FOLLOWING SEEDING, MULCH THE SEED SURFACE WITH STRAW OR HAY AT A RATE OF 2 TO 3 TONS/AC. SPREAD MULCH BY HAND OR MULCH BLOWER. PUNCH MULCH INTO SOIL 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.

SEED SELECTION:	LB/1000 SQ. FT.	SEED MIXTURE	RECOMMENDED SEEDING DATES
PERMANENT LAWN	0.45	KENTUCKY BLUEGRASS	4/1-6/15
	0.45	CREeping RED FESCUE	8/15-10/1
	0.10	PERENNIAL RYEGRASS	
SLOPES & COARSE LAWN	0.45	CREeping RED FESCUE	4/1-6/15
	0.05	RED TOP	8/15-10/1
	0.45	TALL FESCUE	
SLOPES (NO MOWING)	1.8	CREeping RED FESCUE	4/1-6/15
	0.2	RED TOP	8/15-10/1
TEMPORARY COVER	3.0	WINTER RYE	4/15-6/15, 8/15-10/15
	1.0	ANNUAL RYEGRASS	3/1-6/15, 8/1-10/15

IF SEED IS PLANTED OUTSIDE THE RECOMMENDED SEEDING DATES IRRIGATION MAY BE REQUIRED AT A UNIFORM APPLICATION RATE OF 1 TO 2 INCHES OF WATER APPLIED PER APPLICATION, SOAKING THE GROUND TO A DEPTH OF 4 INCHES.



TYPICAL PLANTING SCHEDULE:

QUANTITY	PLANT TYPE
2	WOOL GRASS
1	ORCHARD GRASS
1	DOGWOOD SHRUBS

(FINAL PLANTING SCHEDULE TO SUBMITTED PRIOR TO CONSTRUCTION)

**LEGEND**

- EXISTING MERESTONE
- IRON ROD TO BE SET
- EXISTING IRON ROD
- ⊙ EXISTING WELL
- PROPOSED SILT FENCE/LIMIT OF DISTURBANCE
- STONE WALL
- ⊙ EXISTING UTILITY POLE
- ⊙ PROPOSED SPOT GRADE
- ⊙ EXISTING SPOT GRADE
- 804 --- EXISTING CONTOUR
- 804 --- PROPOSED CONTOUR
- ▲ EDGE OF FIELD LOCATED WETLANDS
- ▲ WETLANDS FLAG

UTILITIES SHOWN ON THIS MAP WERE DERIVED FROM FIELD LOCATIONS AND EXISTING MAPPING CONTRACTOR TO VERIFY LOCATIONS AND DEPTH IN THE FIELD PRIOR TO THE START OF ANY CONSTRUCTION. "CALL BEFORE YOU DIG (1-800-922-4455)."

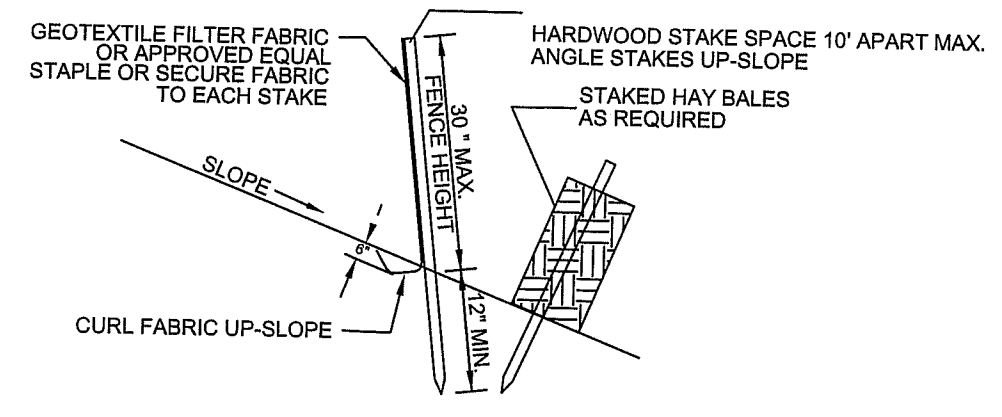
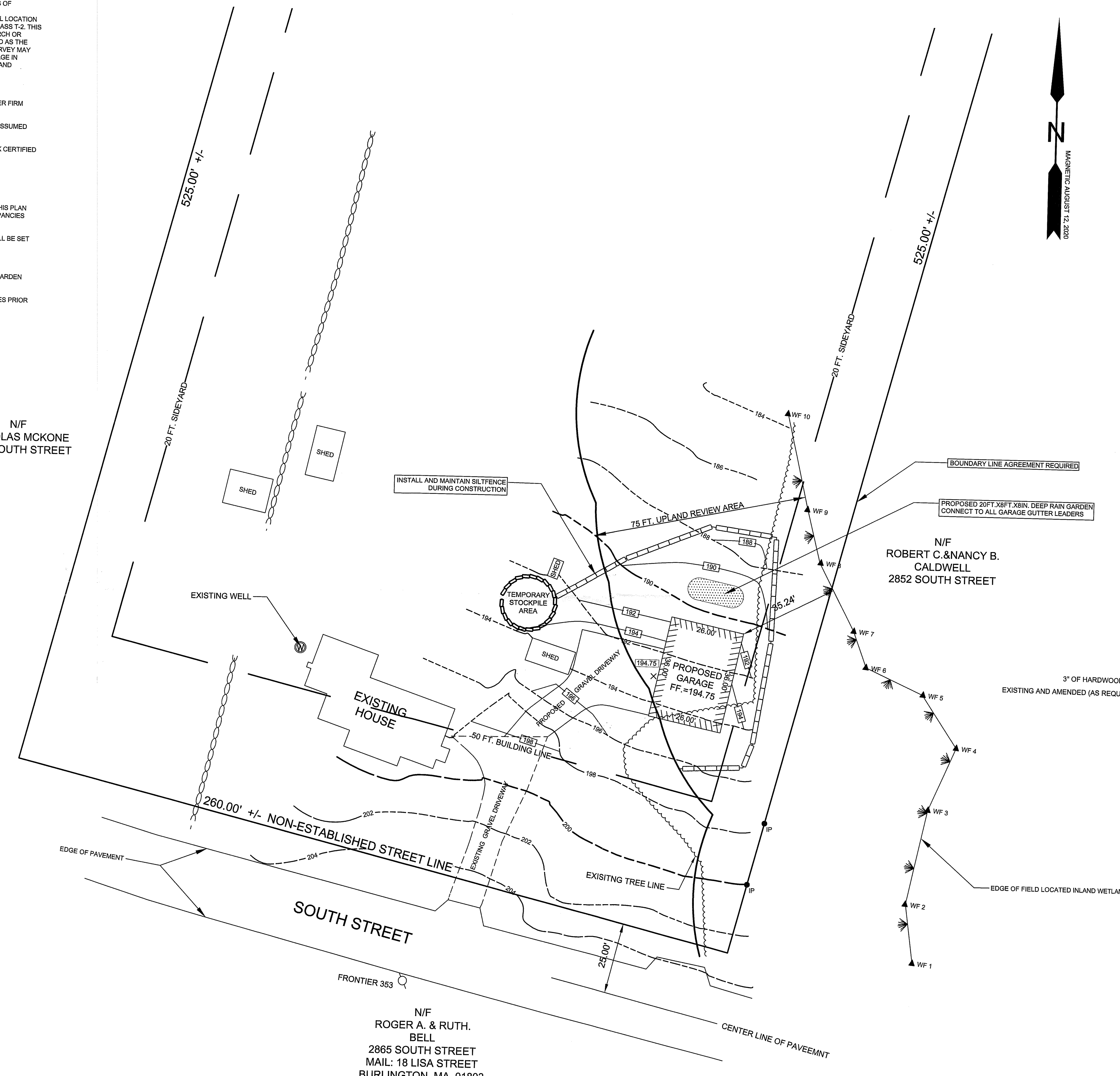
**PLAN PREPARED FOR**  
**TITAN CONSTRUCTION**  
2880 SOUTH STREET COVENTRY, CT.

**WETLANDS PLAN**

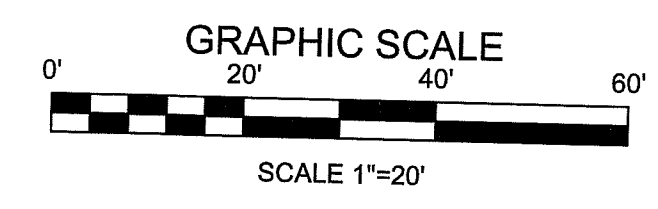
SCALE: 1"=20' DATE: 8/13/2020 FILE NO. 2020-82 SHEET: 1 OF 1

**BUSHNELL ASSOCIATES LLC.**  
CIVIL ENGINEERING AND LAND SURVEYING  
563 WOODBRIDGE STREET MANCHESTER, CT. 06042  
860-643-7875

REVISIONS:



**SILT FENCE DETAIL**  
NOT TO SCALE



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.

PROPOSED AREA OF DISTURBANCE IN WETLANDS  
UPLAND REVIEW AREA: 3,738 SQ.FT. 0.09 ACRES