

**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 FOR ACCURACY, CONTENT AND CERTIFICATIONS FOR SURVEYS AND MAPS", AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON AUGUST 29, 2019. IT IS A LIMITED PROPERTY BOUNDARY SURVEY RESUBDIVISION MAP. THE EXTERIOR BOUNDARY SHOWN IS BASED ON A RESURVEY CONFORMING TO HORIZONTAL ACCURACY CLASS A-2. THE BOUNDARY LINES OF THE PROPOSED LOT SHOWN ARE AN ORIGINAL SURVEY CONFORMING TO HORIZONTAL ACCURACY CLASS A-2.

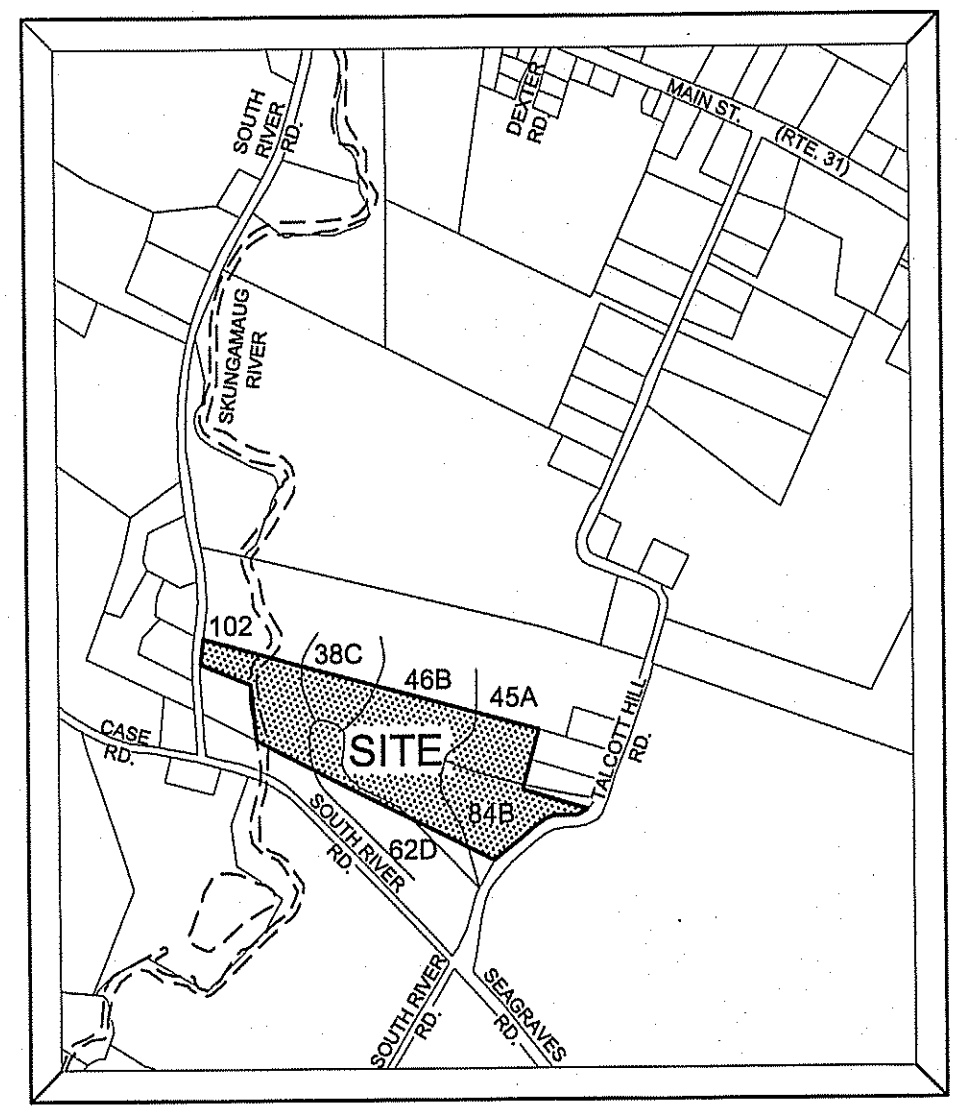
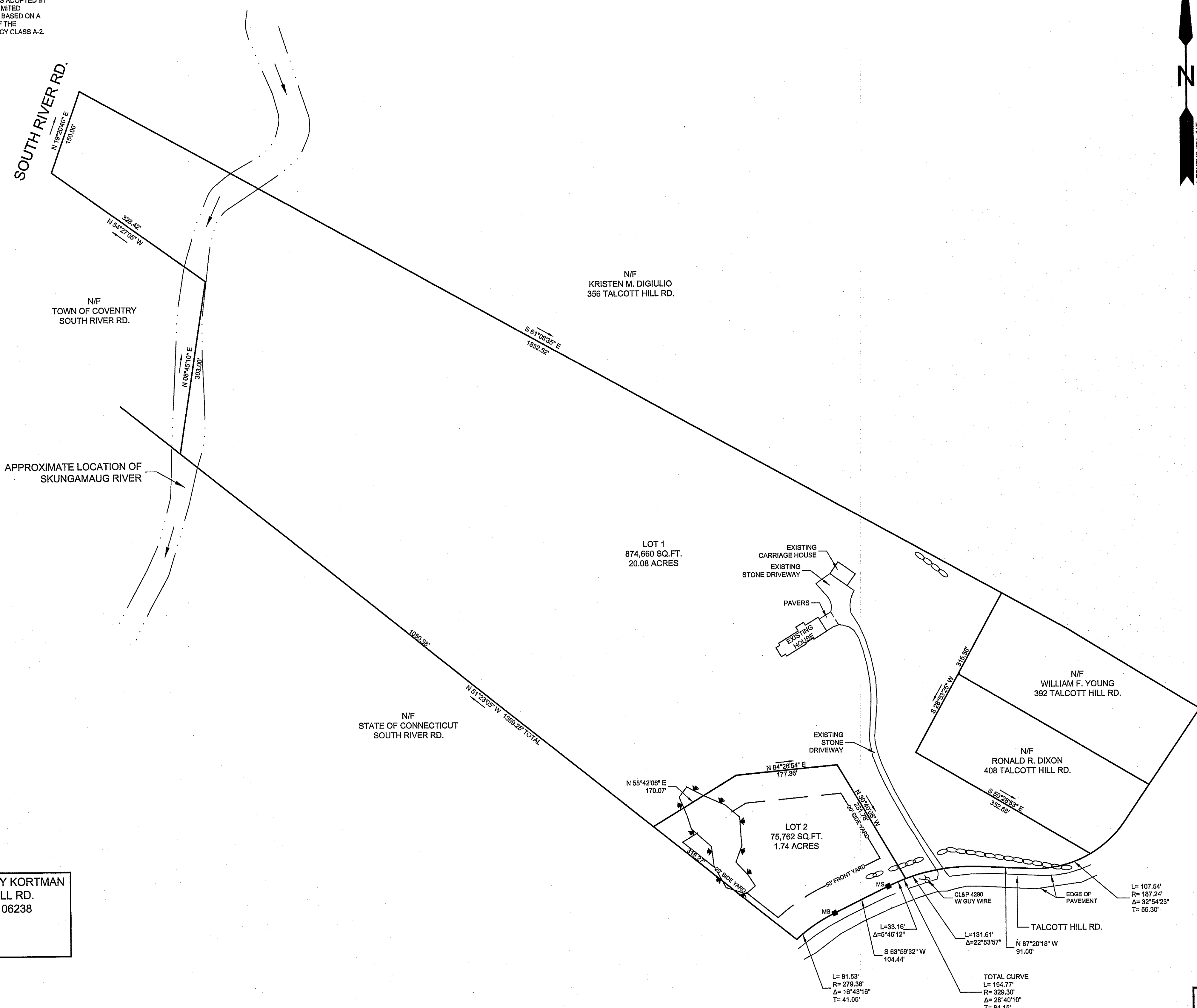
2.) PROPERTY IS LOCATED IN A GENERAL RESIDENTIAL ZONE-40 ZONE.

3.) A PORTION OF PROPERTY ALONG THE SKUNGAMAUG RIVER IS LOCATED IN A FLOOD HAZARD ZONE A PER FIRM FLOOD INSURANCE RATE MAP COMMUNITY PANEL NUMBER 090110 0010D REVISED JUNE 11, 1982.

4.) INLAND WETLAND BOUNDARIES SHOWN WERE DELINEATED BY HIGHLAND SOILS LLC AND FIELD LOCATED BY BUSHNELL ASSOCIATES LLC.

**MAP REFERENCES:**

1.) SUBDIVISION PLAN OF RIVERBEND TALCOTT HILL ROAD & SOUTH RIVER ROAD COVENTRY, CONN. SCALE 1"=50' DATE 21 JUNE 1983 DRN. J.P. TRD. M.T.H. FILE NO. 83703 SHEET NUMBERS 1&2 OF 2 BOUD & MEEHAN CONSULTING ENGINEERS - SURVEYORS, P.C.



**KEY MAP**  
SCALE 1"=1000'

NRCS WEB SOIL SURVEY SOILS MAP LEGEND	
38C	HINCKLEY LOAMY SAND, 3 - 15% SLOPES
45A	WOODBRIDGE FINE SANDY LOAM, 0 - 3% SLOPES
46B	WOODBRIDGE FINE SANDY LOAM, 0 - 8% SLOPES, VERY STONY
62D	CANTON AND CHARLTON FINE SANDY LOAMS, 15 - 35% SLOPES, EXTREMELY STONY
84B	PAXTON AND MONTAUK FINE SANDY LOAMS, 3 - 8% SLOPES, VERY STONY
102	POOTATUCK FINE SANDY LOAM

**LEGEND**

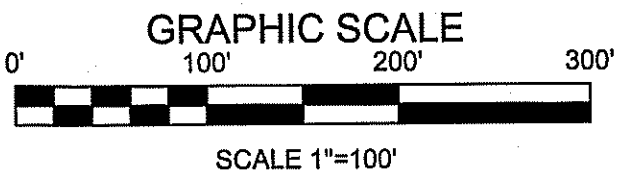
- IRON ROD TO BE SET
- EXISTING IRON ROD
- STONE WALL
- EXISTING UTILITY POLE
- EDGE OF FIELD LOCATED WETLANDS
- WF 20 WETLANDS FLAG

OWNER/APPLICANT: ROBERT & MARY KORTMAN  
430 TALCOTT HILL RD.  
COVENTRY, CT. 06238

TOTAL AREA OF RESUBDIVISON:  
950,422 SQ. FT. / 21.82 ACRES

APPROVED  
COVENTRY PLANNING & ZONING COMMISSION

CHAIRPERSON-SECRETARY DATE  
THIS 5 YEAR APPROVAL PERIOD EXPIRES ON  
SEE P&Z MINUTES OF FOR SPECIFIC  
CONDITIONS OF APPROVAL



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.

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

	RESUBDIVISION PREPARED FOR			
	ROBERT & MARY KORTMAN			
	430 TALCOTT HILL ROAD		COVENTRY, CT.	
RESUBDIVISION PLAN				
SCALE: 1"=100'	DATE: 2/2/2022	FILE NO. 2020-24	SHEET: 1 OF 3	
BUSHNELL ASSOCIATES LLC.				
CIVIL ENGINEERING AND LAND SURVEYING				
563 WOODBRIDGE STREET		MANCHESTER, CT. 06042		
860-643-7875		REVISIONS: 3/18/2022		

THE WETLAND SOILS ON THIS MAP WERE IDENTIFIED IN THE FIELD USING THE 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

DATE

**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 OCTOBER 28, 2018. IT IS A LIMITED PROPERTY IMPROVEMENT LOCATION SURVEY MAP BASED ON A DEPENDENT RESURVEY CONFORMING TO HORIZONTAL SURVEY ACCURACY CLASS A-2 AND TOPOGRAPHIC ACCURACY CLASS T-2. THE INTENT OF THIS MAP IS TO DEPICT THE LOCATION OF THE PROPOSED OR EXISTING IMPROVEMENTS SHOWN WITH RESPECT TO THE APPLICABLE MUNICIPAL OR STATUTORY REQUIREMENTS.

2.) PROPERTY IS LOCATED IN A GENERAL RESIDENTIAL ZONE-40 ZONE.

3.) A PORTION OF PROPERTY ALONG THE SKUNGAMALUG RIVER IS LOCATED IN A FLOOD HAZARD ZONE A PER FIRM FLOOD INSURANCE RATE MAP COMMUNITY - PANEL NUMBER 090110 0010D REVISED JUNE 11, 1992.

4.) TOPOGRAPHY DEPICTED WAS FIELD DERIVED BY BUSHNELL ASSOCIATES LLC. USING AN ASSUMED DATUM.

5.) INLAND WETLAND BOUNDARIES SHOWN WERE DELINEATED BY HIGHLAND SOILS LLC AND FIELD LOCATED BY BUSHNELL ASSOCIATES LLC.

6.) LOCATIONS OF EXISTING PRIMARY AND RESERVE SEPTIC LEACHING AREAS WERE DETERMINED FROM RECORDS ON FILE IN THE TOWN OF COVENTRY LAND USE OFFICE.

**MAP REFERENCES:**

1.) SUBDIVISION PLAN OF RIVERBEND TALCOTT HILL ROAD & SOUTH RIVER ROAD COVENTRY, CONN. SCALE 1"=50' DATE 21 JUNE 1988 DRN. J.P. TRD. M.T.H. FILE NO. 83703 SHEET NUMBERS 1&2 OF 2 BOLD & MEEHAN CONSULTING ENGINEERS - SURVEYORS, P.C.

**CONSTRUCTION NOTES:**

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

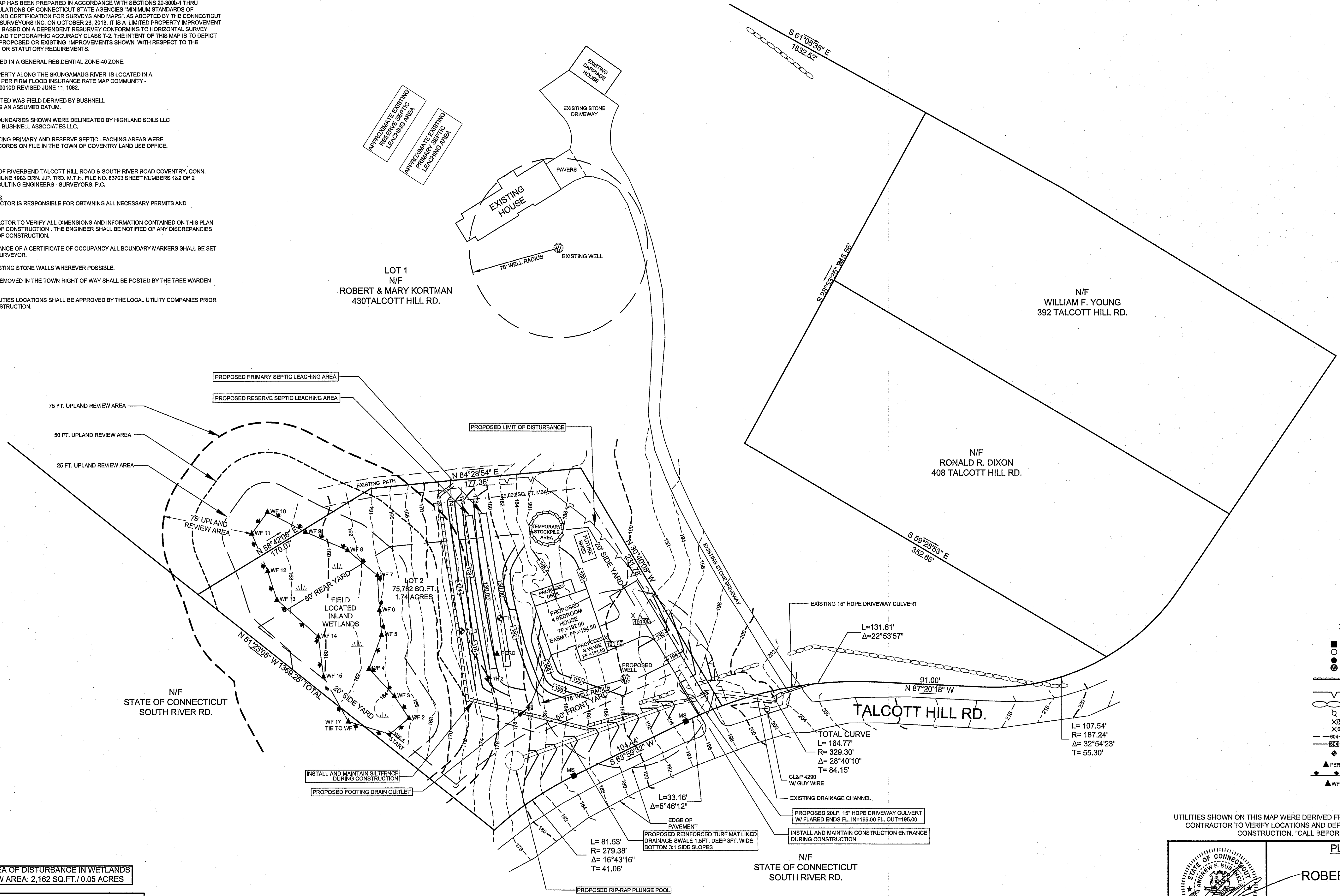
2.) OWNER OR CONTRACTOR TO VERIFY ALL DIMENSIONS AND INFORMATION CONTAINED ON THIS PLAN PRIOR TO THE START OF CONSTRUCTION. THE ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES PRIOR TO THE START OF CONSTRUCTION.

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.



**LEGEND**

- EXISTING MERESTONE IRON ROD TO BE SET
- EXISTING IRON ROD
- PROPOSED WELL
- PROPOSED SILT FENCE/LIMIT OF DISTURBANCE
- - - LIMIT OF DISTURBANCE
- STONE WALL
- EXISTING UTILITY POLE
- PROPOSED SPOT GRADE
- EXISTING SPOT GRADE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- TEST HOLE
- ▲ PERC PERCOLATION TEST
- ▲ EDGE OF FIELD LOCATED WETLANDS
- ▲ WF 20 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 THE START OF ANY CONSTRUCTION. "CALL BEFORE YOU DIG (1-800-922-4455)."

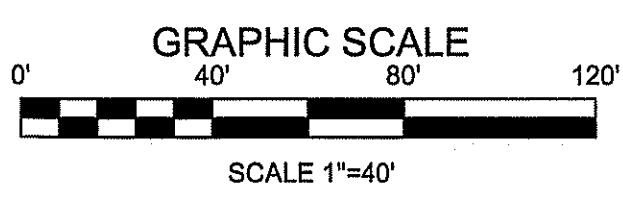
PROPOSED AREA OF DISTURBANCE IN WETLANDS  
UPLAND REVIEW AREA: 2,162 SQ.FT. / 0.05 ACRES

ALL PROPOSED LOTS COMPLY WITH THE MINIMUM BUILDABLE LAND CRITERIA SEC. 4.04.04 OF THE COVENTRY ZONING REGULATIONS.

ANDREW F. BUSHNELL, P.E., L.S.

APPROVED  
COVENTRY PLANNING & ZONING COMMISSION

CHAIRPERSON-SECRETARY DATE  
THIS 5 YEAR APPROVAL PERIOD EXPIRES ON  
SEE P&Z MINUTES OF FOR SPECIFIC  
CONDITIONS OF APPROVAL



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

ANDREW F. BUSHNELL, P.E., L.S. 24691  
THIS MAP IS NOT VALID UNLESS IT BEARS THE EMBOSSED SEAL OF THE LICENSED LAND SURVEYOR WHOSE REGISTRATION NUMBER AND SIGNATURE APPEAR ABOVE.

PLAN PREPARED FOR  
**ROBERT & MARY KORTMAN**  
430 TALCOTT HILL ROAD COVENTRY, CT.

GRADING / E&S PLAN

SCALE: 1"=40' DATE: 2/2/2022 FILE NO. 2020-24 SHEET: 2 OF 3

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

REVISIONS: 2/15/2022 EXISTING SEPTIC & WELL ADDED  
3/18/2022 WETLAND AGENT COMMENTS

JOHN P. IANNI  
CERTIFIED SOIL SCIENTIST

DATE

THE WETLAND SOILS ON THIS MAP WERE IDENTIFIED IN THE FIELD USING THE CRITERIA REQUIRED BY CT PA 72-155 AS AMENDED BY PA 73-571 AND ARE ACCURATELY REPRESENTED ON THIS PLAN.



- CONSTRUCTION NOTES:**
- OWNER OR CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.
  - 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.
  - PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY ALL BOUNDARY MARKERS SHALL BE SET BY A LICENSED LAND SURVEYOR.
  - PRESERVE ANY EXISTING STONE WALLS WHEREVER POSSIBLE.
  - ANY TREES TO BE REMOVED IN THE TOWN RIGHT OF WAY SHALL BE POSTED BY THE TREE WARDEN PRIOR TO REMOVAL.
  - ALL PROPOSED UTILITIES LOCATIONS SHALL BE APPROVED BY THE LOCAL UTILITY COMPANIES PRIOR TO THE START OF CONSTRUCTION.

- GENERAL NOTES:**
- ALL WORK SHALL CONFORM TO THE TOWN OF COVENTRY REGULATIONS AND STANDARDS AND SPECIFICATIONS.
  - UNDERGROUND UTILITIES MAY EXIST IN THE AREA OF THIS SURVEY. CONTRACTOR TO VERIFY THE PRESENCE AND EXACT LOCATION OF ANY UNDERGROUND UTILITIES PRIOR TO THE START OF CONSTRUCTION.
  - ANY TREES TO BE REMOVED WITHIN THE TOWN ROAD RIGHT OF WAY MUST BE POSTED BY THE TREE WARDEN PRIOR TO REMOVAL.
  - SOLAR ORIENTATION OF THE PROPOSED HOUSE LOCATION WAS TAKEN INTO CONSIDERATION THE HOUSE SHOWN ON THIS PLAN IS FOR FEASIBILITY. THE HOMEOWNER WILL HAVE SOME FLEXIBILITY CONCERNING THE FINAL HOUSE LOCATION.
  - PROPOSED DRIVEWAY SHALL NOT EXCEED 15% SLOPES.
  - NO UNDERGROUND STORAGE TANKS ARE TO BE INSTALLED EXCEPT PROPANE.
  - PRIOR TO THE ISSUANCE OF A CERTIFICATE OF USE AND COMPLIANCE FOR THE PROPOSED HOUSE:
    - ALL REQUIRED BOUNDARY MONUMENTS SHALL BE SET BY A LICENSED LAND SURVEYOR. THE LAND SURVEYOR SHALL SUPPLY THE PLANNING AND ZONING DEPARTMENT WITH A LETTER VERIFYING THE SETTING OF THE REQUIRED MONUMENTATION.
    - ALL GRADING AND CLEARING, ESPECIALLY FOR PROPER SIGHT LINE AND INSTALLATION OF DRIVEWAY APRON SHALL BE COMPLETED AND INSPECTED BY THE TOWN OF COVENTRY.
    - STREET NUMBERS FOR THE PROPOSED HOUSE SHALL BE PLACED ON THE FRONT OF THE HOUSE OR IN AN AREA MORE VISIBLE FROM THE STREET AND APPROVED BY THE TOWN OF COVENTRY.
    - THE PROPOSED DRIVEWAYS SHALL BE BUILT IN THE DEPICTED LOCATION OR IN A LOCATION WITH EQUIVALENT OR BETTER SIGHT LINE AND DRAINAGE CONDITIONS AS DETERMINED BY THE ZONING AGENT AND/OR SUPERINTENDENT OF STREETS. THE DRIVEWAY SHALL HAVE A PAVED APRON.
    - ALL DISTURBED AREAS SHALL BE TOPSOILED, SEEDED AND MULCHED OR STABILIZED ACCORDING TO THE SEASON OF THE YEAR.
    - ALL OTHER REQUIREMENTS AS STATED ON THIS PLAN SHALL HAVE BEEN MET AS PER TOWN OF COVENTRY REGULATIONS.
    - A SEPTIC SYSTEM AS BUILT PLAN SHALL BE PROVIDED TO THE EASTERN HIGHLANDS HEALTH DISTRICT BY THE LICENSED SEPTIC SYSTEM INSTALLER.

- NO LIQUID OR SOLID CHEMICAL FERTILIZERS, PESTICIDES, HERBICIDES OR PETROLEUM DUST CONTROL AGENTS SHALL BE APPLIED ON THIS SITE.
- OWNER AND/OR CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING NECESSARY PERMITS.
- LIMIT OF INDIVIDUAL LOT DISTURBANCE IS TYPICALLY DELINEATED BY THE SILT FENCE SYMBOLS SHOWN ON THE PLANS.
- PROPOSED HOUSE, SEPTIC, DRIVEWAY, FOOTING DRAIN AND LIMIT OF DISTURBANCE LOCATIONS SHOWN ARE PRELIMINARY. LOCATIONS MAY CHANGE WITH FINAL LOT DESIGN.
- ALL UTILITIES SHALL BE APPROVED BY THE LOCAL UTILITY COMPANIES PRIOR TO CONSTRUCTION. ALL UTILITIES SHALL BE CONSTRUCTED TO LOCAL UTILITY COMPANY SPECIFICATIONS AND INSTALLED UNDERGROUND.
- ANY DRAINAGE, COMMON DRIVEWAY, CONSERVATION, UTILITY AND ANY OTHER APPLICABLE EASEMENTS SHALL BE PLACED ON THE DEEDS FOR EACH LOT AFFECTED.
- INDIVIDUAL SITE PLAN IS REQUIRED FOR LOT 2 PRIOR TO HOUSE CONSTRUCTION. THE PLAN SHALL SHOW THE FOLLOWING: PROPOSED EROSION AND SEDIMENT CONTROLS, HOUSE LOCATION, SEPTIC SYSTEM, WELL, DRIVEWAY, CURTAIN DRAINS (IF REQUIRED), FOOTING DRAIN AND GRADING.
- STONEWALLS SHALL BE PRESERVED WHENEVER POSSIBLE. STORE AND REUSE STONES REMOVED FOR DRIVEWAY CONSTRUCTION FOR REPAIR OF STONEWALL ALONG THE PARCEL FRONTAGE.
- INDIVIDUAL CLEARING LIMITS OF LOT 2 SHALL BE FLAGGED BY A LICENSED LAND SURVEYOR AND CERTIFIED, TO THE TOWN OF COVENTRY, TO BE CONSISTENT WITH THE INDIVIDUAL LOT DEVELOPMENT PLAN PRIOR TO THE START OF ANY SITE DISTURBANCE.
- STREET TREES SHALL BE PLANTED IN ACCORDANCE WITH SECTION 120B-LANDSCAPING OF THE TOWN OF COVENTRY ROAD REGULATIONS DATED DEC. 14, 1998.

- EROSION CONTROL CONSTRUCTION SEQUENCE PLAN HOUSE LOT DEVELOPMENT**
- NOTE: ALL EROSION AND SEDIMENT CONTROL ACTIVITIES SHALL CONFORM TO THE METHODS OUTLINED IN THE 2002 CONNECTICUT GUIDELINES FOR EROSION AND SEDIMENT CONTROL MANUAL.
- COORDINATE MARKING OF LIMITS OF DISTURBANCE BY A LICENSED LAND SURVEYOR. SUPPLY TOWN EROSION CONTROL OFFICER WITH A LETTER FROM THE SURVEYOR CERTIFYING THE LIMITS OF DISTURBANCE WERE MARKED IN ACCORDANCE WITH THE APPROVED PLAN.
  - CLEAR TREES AS REQUIRED.
  - PRIOR TO SOIL DISTURBANCE INSTALL EROSION CONTROL MEASURES. SILT FENCE AND ANTI-TRACKING PAD (SEE PLAN DETAILS AND LOCATIONS). ADDITIONAL MEASURES MAY BE REQUIRED AS SITE CONDITIONS REQUIRE. COORDINATE AN INSPECTION OF INSTALLED MEASURES WITH THE EROSION CONTROL OFFICER. SUPPLY THE TOWN OF COVENTRY EROSION CONTROL OFFICER WITH THE NAME AND PHONE NUMBER OF A CONTACT PERSON RESPONSIBLE FOR THE EROSION CONTROL MEASURES.
  - PERIODICALLY AND AFTER LARGE RAIN EVENTS INSPECT EROSION CONTROL MEASURES AND REPAIR AS NECESSARY.
  - GRUB AND STRIP TOPSOIL. STOCKPILE TOPSOIL IN AREAS INDICATED ON THE APPROVED PLAN.
  - CONSTRUCT AND STABILIZE DRIVEWAY.
  - CONSTRUCT HOUSE, WELL, DRIVEWAY, SEPTIC SYSTEM AND OTHER IMPROVEMENTS AS SHOWN.
  - SPREAD STOCKPILED TOPSOIL. MACHINE RAKE, FERTILIZE, SEED AND MULCH DISTURBED AREAS. USE GRASS SEED THAT IS ACCEPTABLE FOR THE SITE CONDITIONS (I.E. SUN OR SHADE) AND THE SEASON OF THE YEAR IN WHICH THIS ACTIVITY IS COMPLETED. PROVIDE TEMPORARY STABILIZATION OF THE SITE (I.E. STRAW OR HAY ETC.) IF THE TOPSOIL IS SPREAD DURING A TIME OF YEAR WHEN GRASS SEED WILL NOT GERMINATE. PROVIDE PERMANENT STABILIZATION WHEN WEATHER CONDITIONS ALLOW.
  - REMOVE EROSION CONTROL MEASURES AFTER THE SITE HAS BECOME FULLY ESTABLISHED.
  - ANY EXISTING DISTURBED AREAS MUST BE SEEDED WITH PERMANENT OR TEMPORARY GROUND COVER AND MULCHED BY OCTOBER 15.
  - DEWATERING OPERATIONS, IF REQUIRED, SHALL UTILIZE A CRUSHED STONE INTAKE SUMP AND A TEMPORARY OUTLET SILT POOL LOCATED WITHIN THE LIMITS OF DISTURBANCE.

**SITE SEEDING NOTES:**

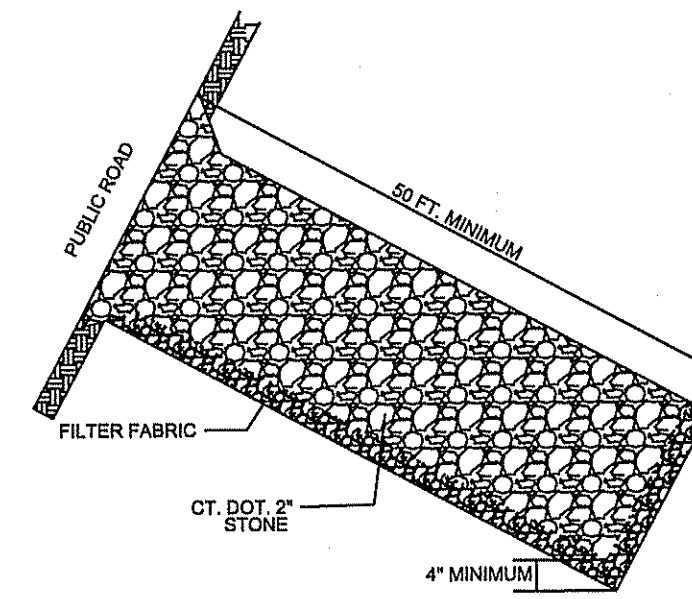
PREPARATION: FINE GRADE AND RAKE SOIL SURFACE TO REMOVE STONES LARGER THAN 2" IN DIAMETER. INSTALL SEEDED EROSION CONTROL DEVICES SUCH AS SURFACE WATER DIVERSIONS AS REQUIRED. APPLY LIMESTONE AT A RATE OF 2 TONS/AC. OR 90 LBS./1000 SQ.FT. FERTILIZE WITH 10-10-10 AT A RATE OF 300 LBS./AC. OR 7.5 LBS. 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.

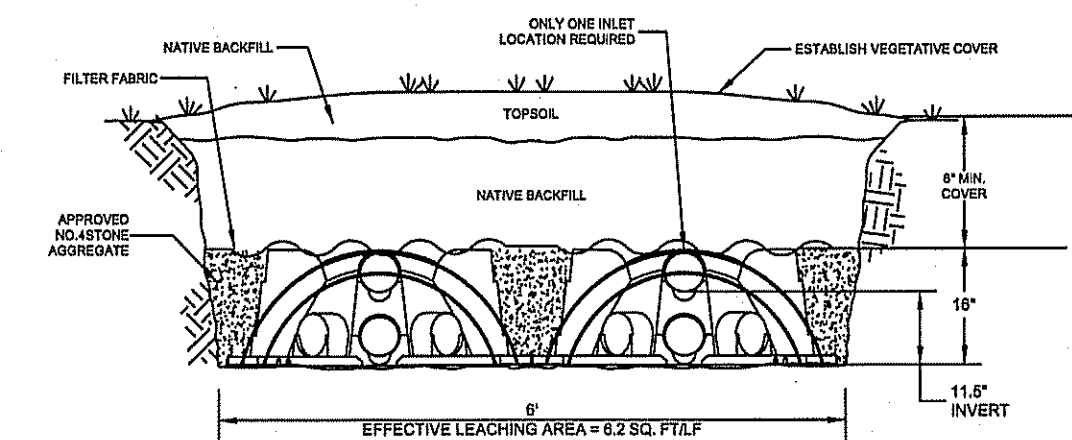
**MULCHING:** IMMEDIATELY FOLLOWING SEEDING, MULCH THE SEED SURFACE WITH STRAW OR HAY AT A RATE OF 2 TO 3 TONS/AC. SPREAD MULCH BY HAND OR MULCH BLOWER. PUNCH MULCH INTO SOIL SURFACE WITH A TRACK MACHINE OR DISK HARROW SET STRAIGHT UP. IF USING HYDRO SEED MIX USE TACTIFIER ADDITIVES TO ADHERE MULCH MATERIAL TO THE SURFACE.

SEED SELECTION:	LB/1000 SQ. FT.	SEED MIXTURE	RECOMMENDED SEEDING DATES
PERMANENT LAWN	0.45	KENTUCKY BLUEGRASS	4/1-8/15
	0.45	CREeping RED FESCUE	8/15-10/1
	0.10	PERENNIAL RYEGRASS	
SLOPES & COARSE LAWN	0.45	CREeping RED FESCUE	4/1-8/15
	0.05	RED TOP	8/15-10/1
	0.45	TALL FESCUE	
SLOPES (NO MOWING)	1.8	CREeping RED FESCUE	4/1-8/15
	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

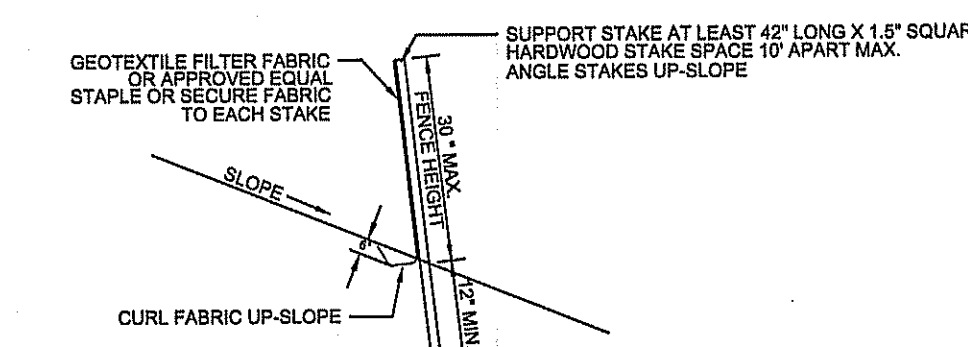
IF SEED IS PLANTED OUTSIDE THE RECOMMENDED SEEDING DATES IRRIGATION MAYBE REQUIRED AT A UNIFORM APPLICATION RATE OF 1 TO 2 INCHES OF WATER APPLIED PER APPLICATION, SOAKING THE GROUND TO A DEPTH OF 4 INCHES.



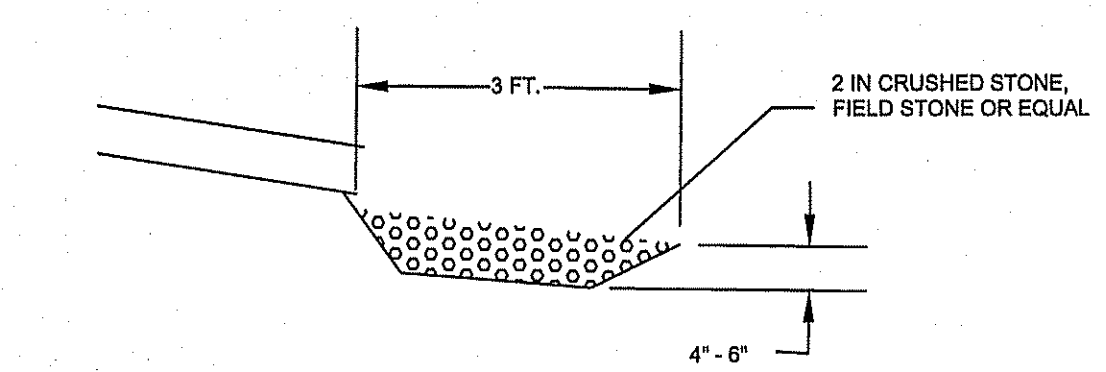
ANTI-TRACKING CONSTRUCTION ENTRANCE  
NOT TO SCALE



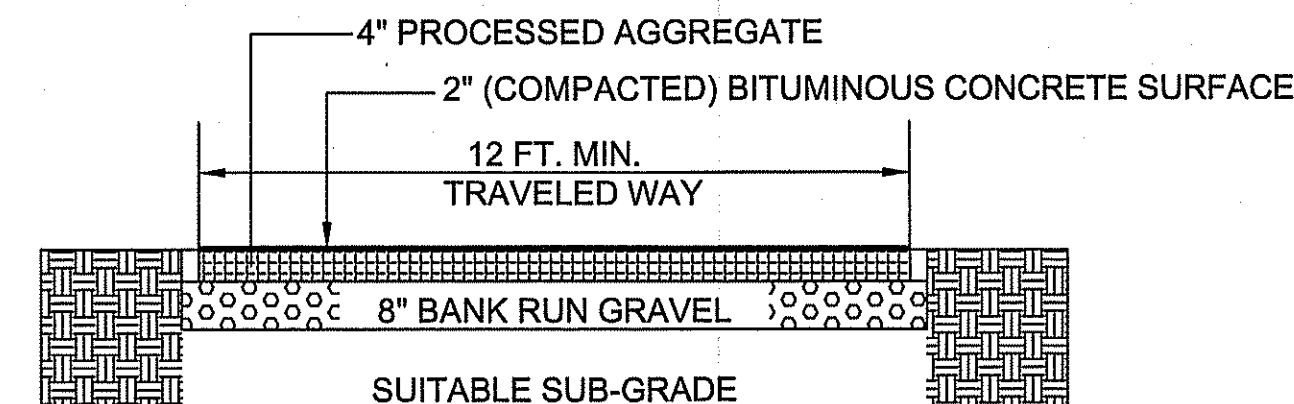
QUICK 4 HIGH CAPACITY DOUBLE WIDE TRENCH DESIGN DETAIL  
(NOT TO SCALE)



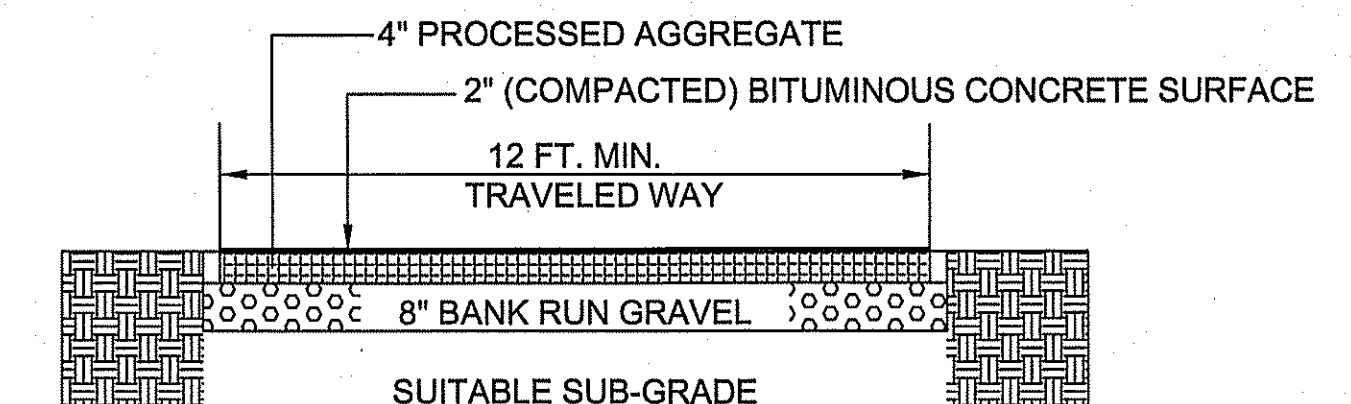
SILT FENCE DETAIL  
NOT TO SCALE



FOOTING DRAIN OUTLET DETAIL  
NOT TO SCALE



PAVED DRIVEWAY DETAIL (12% MAX GRADE)  
NOT TO SCALE



GRAVEL DRIVEWAY DETAIL (10% MAX. GRADE)  
NOT TO SCALE

TEST PIT OBSERVED BY:	PERCOLATION TEST RESULTS
GLENN BAGDOIN EASTERN HIGHLANDS HEALTH DISTRICT APRIL 30, 2020	PERFORMED BY - BUSHNELL ASSOCIATES LLC PERC 1 4/30/20 PRE-SOAK 10:30 AM DRY START @ 2:55 PM 20" DEEP HOLE - 8" TOPSOIL
<b>TEST PIT 1</b> 0-5" ORGANICS TOPSOIL 5-22" ORANGE BROWN FINE SANDY LOAM 22-72" BROWN FINE SANDY LOAM	TIME READING DIFFERENCE (IN.) (IN.) (IN.) 0 9 1/2 - 5 13 3 1/2 10 15 2 15 16 1/2 1 1/2 20 17 1/2 1 25 18 1/2 1 30 19 1/2 1 35 20 1/2 1 40 21 1/2 1 45 21 1/4 1/4 50 21 1/2 1/4 55 22 1/2 1/2 60 22 1/2 1/2
<b>TEST PIT 2</b> 0-10" TOPSOIL ORGANICS 10-24" ORANGE BROWN FINE SANDY LOAM 24-64" GREY MOTTLED SANDY TILL	PERCOLATION RATE = 10.1-20 MIN./IN.

**LOT 2 SEPTIC SYSTEM DESIGN CALCULATIONS:**

RESTRICTIVE LAYER 22" (TH 1)  
PERCOLATION RATE: 10.1-20 MIN./IN.  
GROUND SLOPE: 10-1-15.0%

4 BEDROOM HOUSE  
MSS = 28 HF X 1.25 PF X 1.76 FF = 61.25 FT.  
PROVIDED: 1-125 FT. DOUBLE ROW OF HIGH CAPACITY QUICK 4 INFILTRATORS  
@ 6.2 SQ. FT./FT. EFFECTIVE LEACHING AREA  
EFFECTIVE LEACHING AREA REQUIRED / PROVIDED (SQ. FT.) 787.5 / 783.6

PLAN PREPARED FOR

**ROBERT & MARY KORTMAN**

430 TALCOTT HILL ROAD COVENTRY, CT.

CONSTRUCTION / E&S/ SEPTIC DETAILS

SCALE: NONE DATE: 2/2/2022 FILE NO. 2020-24 SHEET: 3 OF 3

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

REVISIONS: