

**EROSION AND SEDIMENTATION CONTROL NARRATIVE:**

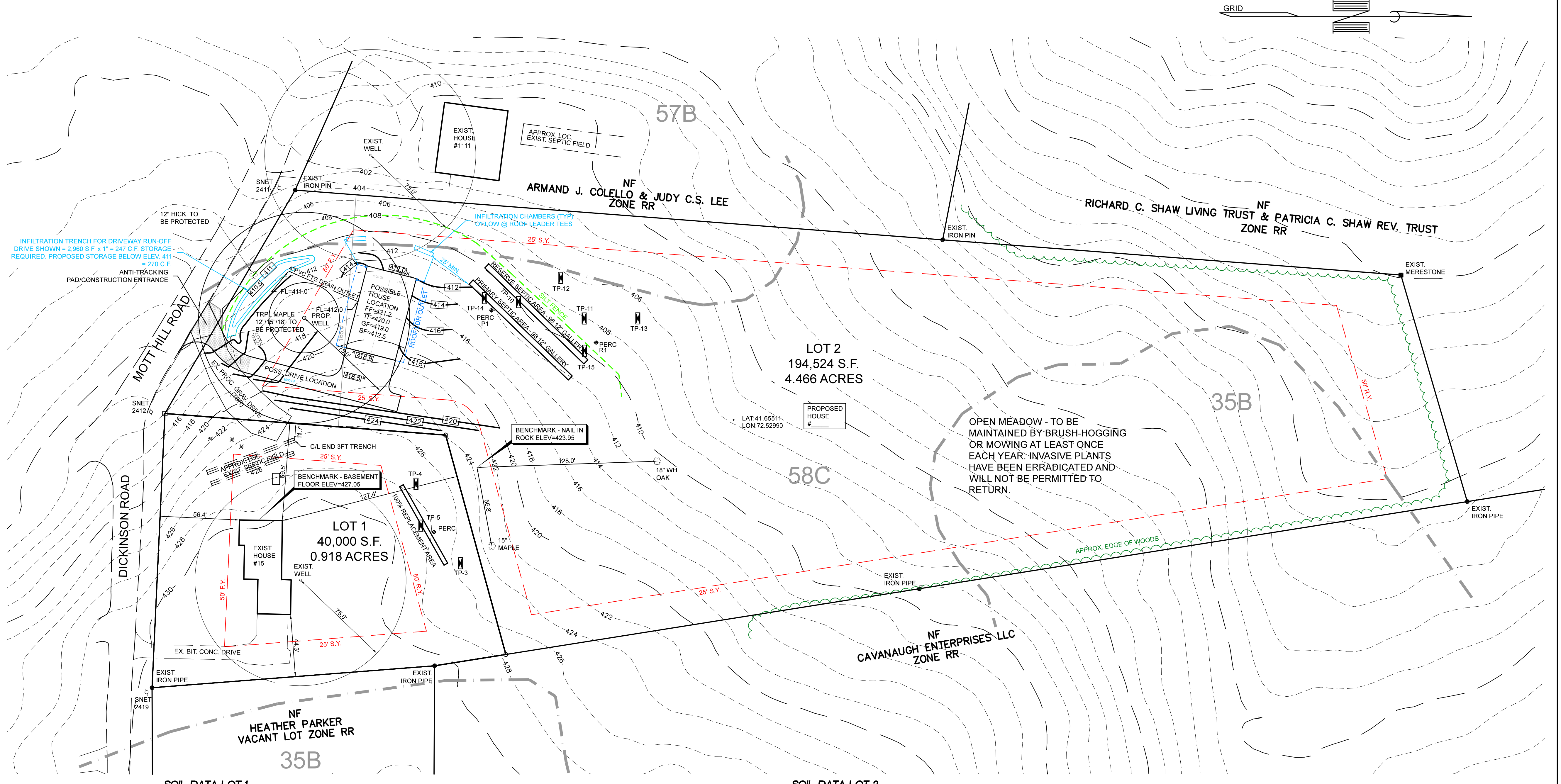
- DISTURBANCE OF SOIL SURFACE IS REGULATED BY STATE LAW. ALL WORK SHALL COMPLY WITH THE APPROVED "GRADING AND EROSION CONTROL PLAN" TO PREVENT OR MINIMIZE SOIL EROSION.
- THE INSTALLATION AND MAINTENANCE OF EROSION CONTROL DEVICES IS THE RESPONSIBILITY OF THE LAND OWNER AND THE EXCAVATION CONTRACTOR. TOWN OFFICIALS MAY CONTACT PAUL GONDEK TO REPORT ANY FAULTY CONDITIONS. A PRE-CONSTRUCTION CONFERENCE WITH TOWN STAFF IS REQUIRED, PRIOR TO COMMENCEMENT OF ANY SITE WORK OR DISTURBANCE.
- THE CONTRACTOR SHALL OBTAIN A COPY OF THE "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL" (2002), AS AMENDED, FOR USE AS A GUIDE IN IMPLEMENTING THE EROSION AND SEDIMENT CONTROLS INDICATED ON THESE PLANS. A FIELD COPY OF THE 2002 CT GUIDELINES SHALL BE AVAILABLE ON-SITE DURING ACTIVE CONSTRUCTION. THE GUIDELINES MAY BE OBTAINED FROM THE CONNECTICUT COUNCIL ON SOIL AND WATER CONSERVATION, CT D.E.P. 79 ELM STREET, HARTFORD, CT 06106-5127. TEL (860) 424-3555 ~ FAX (860) 424-4088 ~ INTERNET: <http://dep.state.ct.us>
- THE CONTRACTOR SHALL INFORM ALL CONSTRUCTION SITE WORKERS ABOUT THE MAJOR PROVISIONS OF THE EROSION AND SEDIMENT CONTROL PLANS AND REQUIRE THEIR COOPERATION IN AVOIDING THE DISTURBANCE OF THESE CONTROL MEASURES.
- THE CONTRACTOR SHALL SCHEDULE ALL OPERATIONS TO LIMIT DISTURBANCE TO THE SMALLEST PRACTICAL AREA FOR THE SHORTEST POSSIBLE TIME.
- THE CONTRACTOR IS RESPONSIBLE FOR THE TIMELY INSTALLATION, INSPECTION, REPAIR OR REPLACEMENT OF EROSION CONTROL DEVICES TO ENSURE PROPER OPERATION.
- THE CONTRACTOR SHALL INSPECT AND REPAIR EROSION AND SEDIMENT CONTROL DEVICES AT THE END OF EACH WORKING DAY AND AFTER EACH STORM.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF UNSATISFACTORY EROSION CONDITIONS NOT CONSIDERED BY THIS EROSION AND SEDIMENT CONTROL PLAN AND SHALL INSTALL ADDITIONAL MEASURES AS DIRECTED BY TOWN OFFICIALS AND/OR ENGINEER. ADDITIONAL EROSION AND SEDIMENT CONTROL DETAILS FROM THE 2002 CT GUIDELINES SHALL BE USED FOR APPLICATIONS THAT ARE NOT INCLUDED IN THESE PLANS.
- ACCUMULATED SEDIMENT REMOVED FROM EROSION CONTROL DEVICES IS TO BE SPREAD AND STABILIZED IN LEVEL, EROSION RESISTANT LOCATIONS AS GENERAL FILL WITHIN THE LIMITS OF DISTURBANCE AS SHOWN ON THE SITE DEVELOPMENT PLAN. (OUTSIDE OF WETLANDS AND THE REGULATED AREAS.)
- ALL DISTURBED AREAS NOT COVERED BY BUILDINGS OR PAVEMENT SHALL BE PLANTED WITH GRASS ON 4" THICKNESS OF TOPSOIL.
- SEEDING: BETWEEN APRIL 1 TO JUNE 15, AND AUGUST 15 TO SEPTEMBER 30, FOLLOWING SEEDING AND SLOPE STABILIZATION DIRECTIVES.
  - FINE GRADE SEED BED TOGETHER WITH LIMESTONE AT A RATE OF 100 LBS PER 1000 SF AND 10-10-10 FERTILIZER AT A RATE OF 15 LBS PER 1000 SF.
  - APPLY THE FOLLOWING SEED MIXTURE PER 100 SF: KENTUCKY BLUE GRASS AT 2 LBS, CREEPING RED FESCUE AT 1 LB AND PERENNIAL RYEGRASS AT A RATE OF 2 LBS.
  - IF SEEDING CANNOT BE DONE WITHIN THE SPECIFIED SEEDING DATES, SEED WITH ANNUAL RYEGRASS AT A RATE OF 1 LB/1000 SF AS A TEMPORARY MEASURE (LATER RESEEDING REQUIRED) OR SEED AS SPECIFIED AND PROVIDE MULCHING AND/OR PERIODIC WATERING FOR SUMMER MONTHS.
- MULCHING: IMMEDIATELY FOLLOWING SEEDING, MULCH THE SEEDBED SURFACE WITH STRAW OR HAY AT A RATE OF 1 TON/ACRE. SPREAD MULCH BY HAND OR MULCH BLOWER.
- THERE SHALL BE NO OPEN BURNING DURING CLEARING OPERATIONS PER THE FIRE MARSHALL.

VERTICAL DATUM - NAVD 88 (T.O.G. CONTROL PINS DK-1 & DK-2)

TYPE OF SURVEY: TOPOGRAPHIC  
BOUNDARY DETERMINATION CATEGORY: N/A  
CLASS OF ACCURACY: T-2/T-3 (FIELD SURVEY - CRITICAL AREAS/2016 LIDAR - GENERAL)

TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON. THIS SURVEY WAS PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTION 20-300b-1 THROUGH 20-300b-20 AND THE "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC., ON OCTOBER 28, 2018.

William T. Clark  
WILLIAM T. CLARK L.S. #70080



**SOIL DATA LOT 1**  
TEST PITS OBSERVED 2-22-2016 T.O.G. HEALTH DEPT.

TEST PIT 3	TEST PIT 4	TEST PIT 5
0-0.7' TOPSOIL 0.7'-2.5' SANDY LOAM 2.5'-8" FINE SAND	0-0.7' TOPSOIL 0.7'-1.5' SANDY LOAM 1.5'-8" MEDIUM SAND	0-0.8' TOPSOIL 0.8'-2' SANDY LOAM 2'-8" MEDIUM SAND
Mottles: NONE NOTED	Mottles: NONE NOTED	Mottles: NONE NOTED
GROUNDWATER: NONE	GROUND WATER: NONE	GROUNDWATER: NONE
Ledge: NONE	Ledge: NONE	Ledge: NONE
PERC R-1 DATE: 2-22-2016 DEPTH: 36" RATE: 1.5 MIN./INCH		

**SANITARY SYSTEM DESIGN LOT 1**  
EXISTING TWO (2) BEDROOM HOUSE  
POTENTIAL REPLACEMENT SYSTEM:  
CODE COMPLIANT 1,000 GAL. MIN. CONC. SEPTIC TANK REQUIRED  
PERC RATE 1.5 MIN./INCH  
EFFECTIVE LEACHING AREA REQUIRED: 375 SQ. FT.  
USE 1 ROW 12" GALLERY @ 64 LF  
EFFECTIVE LEACHING AREA PROVIDED: 5.9 SF/LF x 64 LF = 377.6 SF  
MLSS: NOT APPLICABLE

- CONSTRUCTION SEQUENCE**
- INSTALL SILT FENCE
  - INSTALL CONSTRUCTION ENTRANCE
  - CONSTRUCT HOME & SEPTIC SYSTEM
  - REVEGETATE DISTURBED AREAS PER SCS GUIDELINES
  - REMOVE SILT FENCE

NOTE: VERIFY ALL UTILITY LOCATIONS IN THE FIELD PRIOR TO START OF ANY WORK (SEE NOTE BELOW).

WARNING: THESE PLANS NOT TO BE USED FOR LOCATION OF UNDERGROUND UTILITIES - CALL BEFORE YOU DIG 1-800-922-4455 OR 811 TWO WORKING DAYS BEFORE YOU DIG.

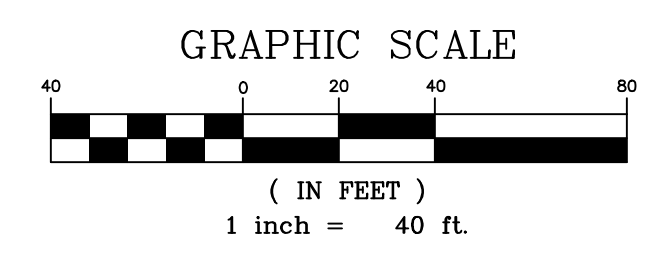
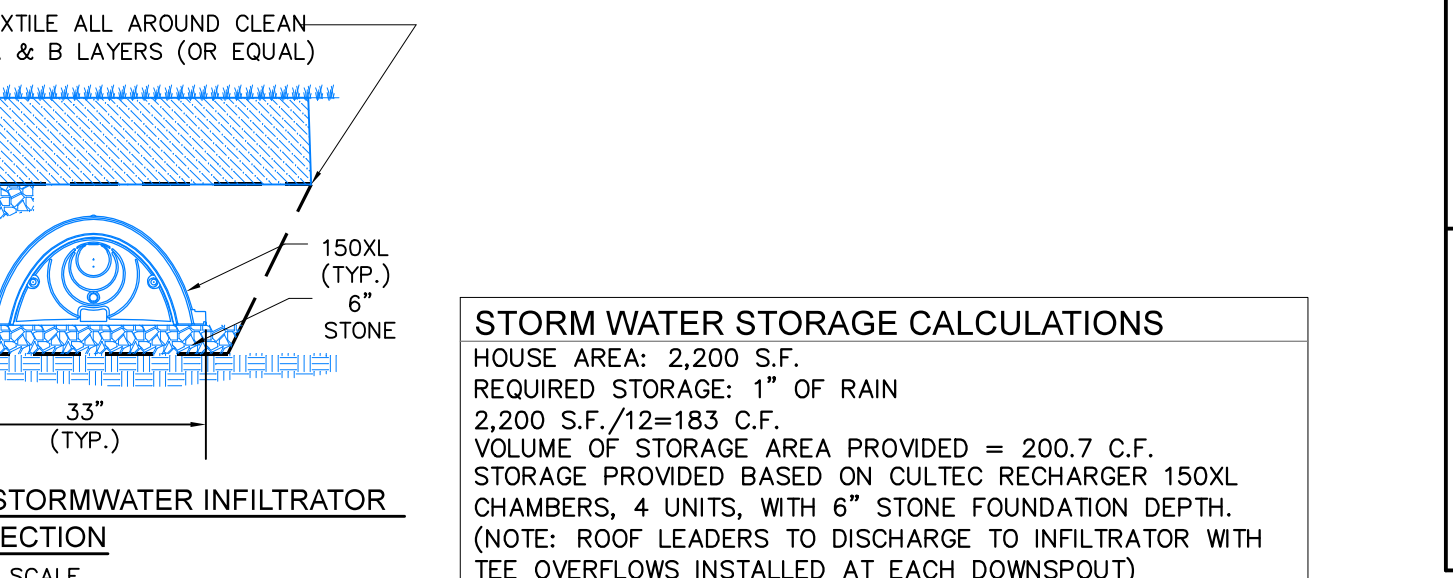
CERTIFIED SUBSTANTIALLY CORRECT:

Gerald E. Hardisty, PE #15974  
G.E.S. ENGINEERING  
PH: 860-234-6768 EMAIL: GEHARDISTY@YAHOO.COM

**SOIL DATA LOT 2**  
TEST PITS OBSERVED 3-23-2016 T.O.G. HEALTH DEPT.

TEST PIT 10	TEST PIT 11	TEST PIT 12	TEST PIT 13	TEST PIT 14	TEST PIT 15
0-1' TOPSOIL 1'-2' SANDY LOAM 2'-7.8' COMP. MED SAND & ROCKS	0-1' TOPSOIL 1'-2' SANDY LOAM 2.5'-8" COMP. MED SAND & BOULDERS	LEDGE OR LARGE BOULDER AT 1.5' BELOW GROUND	0-1' TOPSOIL 1'-2' SANDY LOAM 2'-4' COMP. MED SAND 6'-7.8' FINE SAND	0-1' TOPSOIL 1'-2' SANDY LOAM 2'-8" COMP. MED SAND	0-1' TOPSOIL 1'-2' SANDY LOAM 2'-7' COMP. MED SAND
Mottles: NONE NOTED	Mottles: NONE NOTED	Mottles: NONE	Mottles: NONE	Mottles: NONE	Mottles: NONE
GROUNDWATER: NONE	GROUND WATER: NONE	GROUNDWATER: NONE	GROUNDWATER: NONE	GROUND WATER: NONE	GROUNDWATER: NONE
Ledge: NONE	Ledge: NONE	Ledge: 1.5'	Ledge: NONE	Ledge: NONE	Ledge: POSS. 7'
PERC R-1 DATE: 3-31-2016 DEPTH: 32" RATE: 10 MIN./INCH	PERC P-1 DATE: 3-31-2016 DEPTH: 30" RATE: 10 MIN./INCH				

**SANITARY SYSTEM DESIGN LOT 2**  
PROPOSED FOUR (4) BEDROOM HOUSE  
CODE COMPLIANT 1,250 GAL. MIN. CONC. SEPTIC TANK REQUIRED  
PERC RATE 10 MIN./INCH  
EFFECTIVE LEACHING AREA REQUIRED: 577.5 SQ. FT.  
USE 1 ROW 12" GALLERY @ 96 + 1" STONE EACH END  
EFFECTIVE LEACHING AREA PROVIDED: 5.9 SF/LF x 96 LF = 578.2 SF  
MLSS: NOT APPLICABLE



TOWN PLAN & ZONING COMMISSION APPROVAL

**#15 DICKINSON ROAD & MOTT HILL ROAD**

SUBDIVISION NAME: \_\_\_\_\_ ZONE: \_\_\_\_\_

**PAUL GONDEK**

SUBDIVIDER: \_\_\_\_\_

SUBDIVISION APPROVAL DATE: \_\_\_\_\_ PLAN & ZONING COMMISSION CHAIRMAN: \_\_\_\_\_

COMPLETION DATE FOR SUBDIVISION IMPROVEMENTS: \_\_\_\_\_ COMMUNITY DEVELOPMENT DIRECTOR: \_\_\_\_\_

FILE NO.: \_\_\_\_\_ TOWN ENGINEER: \_\_\_\_\_

**SITE DEVELOPMENT PLAN**  
**#15 DICKINSON ROAD & MOTT HILL ROAD**  
PREPARED FOR  
**PAUL GONDEK**  
GLASTONBURY, CONNECTICUT

REV. 6-27-2022 ADMIN. REVIEW COMMENTS

**CLARK LAND SURVEYING, LLC**  
126 TUNXIS ROAD  
BRISTOL, CONN. 06010  
(860) 967-8590  
TODD@CLARKLS.BIZ

DATE: 5-17-2022 SCALE: 1" = 40' MAP NO. 2022-30  
SHEET 2 OF 2 SHEETS

**LEGEND**

EXISTING CONTOUR 396

PROPOSED CONTOUR 418.30'

PROPOSED ELEVATION 129.1

EXISTING ELEVATION 129.1

EXISTING TREE

EXISTING IRON PIN

SILT FENCE (PROPOSED)

SOIL BOUNDARY & TYPE 57B

**SOILS LEGEND**

58C - GLOUCESTER GRAVELLY SAND, 8-15% SLOPES

57B - GLOUCESTER GRAVELLY SAND, 3-8% SLOPES

35B - PENWOOD LOAMY SAND, 3-8% SLOPES