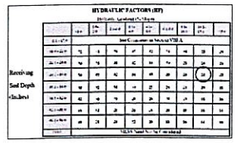
## DEEP TEST PIT & PERC. TEST DATA

TP#1
0 - 14" FILL TOPSOIL, AND BROWN SANDY FILL WITH GRAVEL
14 - 31" LIGHT BROWN TO GREY FIRM SAND SOME GRAVEL (LOOSE-FIRM), FILTER FABRIC AT 14"
31 - 42" SAME AS ABOVE BUT SILTY AND GREY
42 - 74" GREY FIRM SAND (LOOSE)
REDOX/MOTTLES: HEAVY AT 31" SOME AT 22" (28" PER LRC 2/21/13)
GW: 72" - LEDGE: NO - ROOTS: NO - FILTER FABRIC AT 14"
PERCOLATION RATE AT TP #1 = 10.0 MIN./IN., 28" DEEP
(PER LRC LETTER 2/21/13)

TP#2
0 - 11" TOPSOIL
11 - 30" LIGHT BROWN FINE SANDY LOAM LOOSE, SOME SILT AND GRAVEL
30 - 80" GREY SANDY TILL, VERY FIRM
REDOX/MOTTLES: 31" - GW: SEEPS AT 70" - LEDGE: NO REFUSAL:
ROOTS: MOST TO 27"
PERCOLATION RATE AT TP #2 = 8.0 MIN./IN., 24" DEEP
(PER LRC LETTER 2/21/13)

TEST PITS AS WITNESSED AND DESCRIBED BY DON MITCHELL, 2/6/13
LOCATION SHOWN AS DESCRIBED IN LETTER FROM LRC DATED 2/21/13
AND ARE THEREFORE APPROXIMATE.




## B100A SEPTIC DESIGN

DAILY FLOW (PER TABLE 4):
TOTAL BUILDING AREA = 8,939 FT²
DESIGN FLOW FOR INDUSTRIAL BUILDING (PER FT²) = 0.1
8,939 FT² X 0.1 GPD = 894 GALLONS PER DAY

USE A MINIMUM 1,000 GALLON SEPTIC TANK

REQUIRED EFFECTIVE LEACHING:
DAILY FLOW = 894 GAL.
PERC. RATE = <10.1 MIN./IN
REQ. ELA = DAILY FLOW / APP. RATE (TABLE 8)
REQUIRED ELA = 894 / 1.5 = 596 FT² OF LEACHING

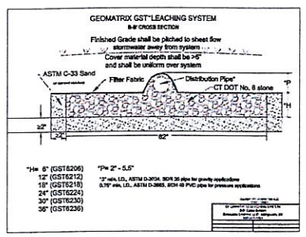
MLSS CALCULATION:
SLOPE = 11.1%
AVG. RL = 29.5
HF = 24

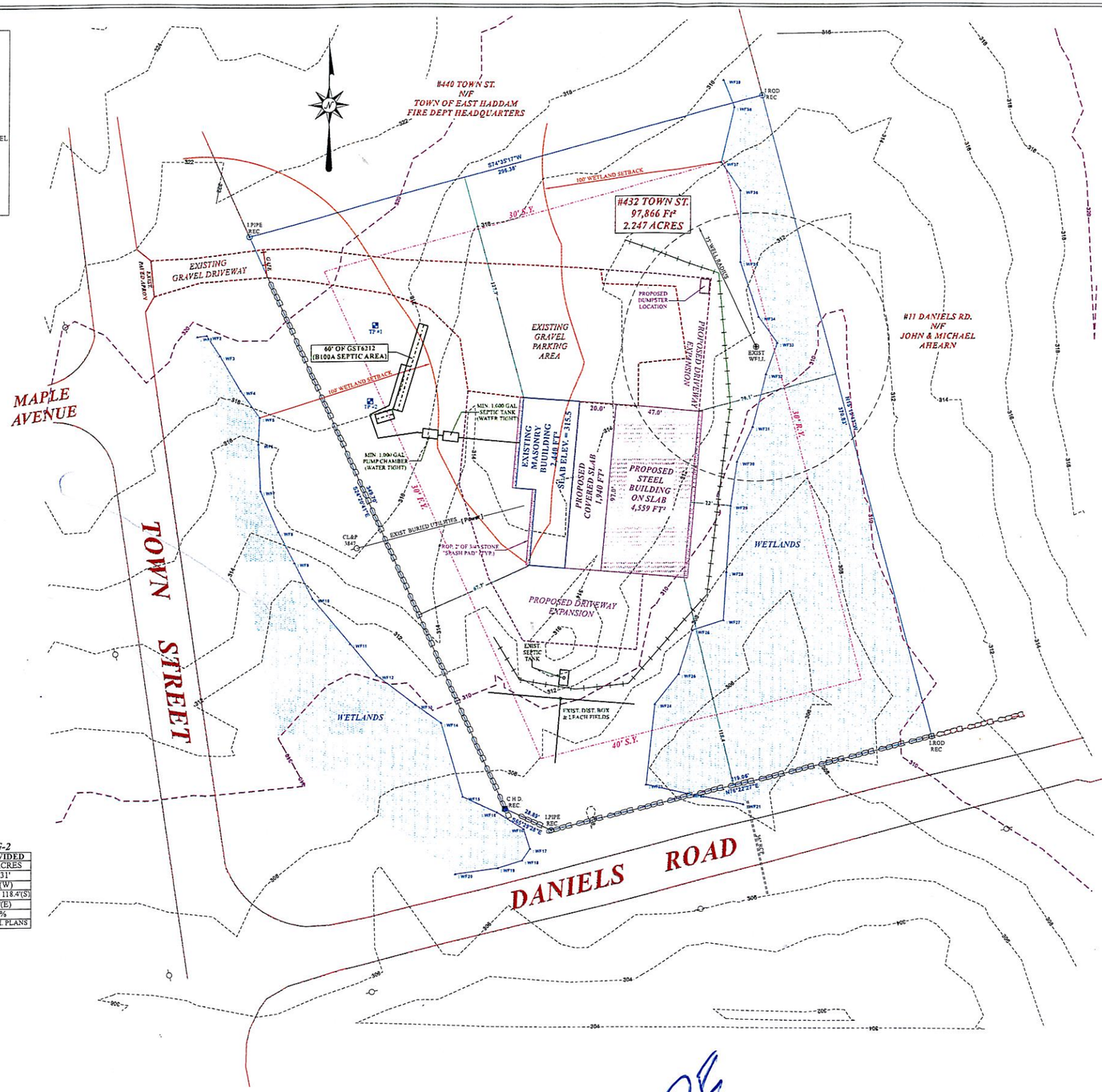
FLOW FACTOR = DAILY FLOW / 300
894 / 300 = 1.99

PERC FACTOR (<10.1 MIN/IN) = 1.0

MLSS = 24 X 1.99 X 1.0 = 47.8'

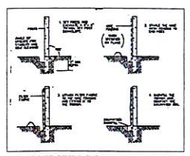
USE 1 ROW OF GST6212 @ 10.0 FT² OF LEACHING PER LINER FT X 60' OF TRENCH = 600 FT² OF LEACHING PROVIDED (596 FT² REQUIRED)




### ZONING COMPLIANCE CHART - ZONE: IG-2

| | REQUIRED | PROVIDED |
|---|---|---|
| MINIMUM LOT AREA | 1 ACRE | 2.247 ACRES |
| MINIMUM LOT WIDTH | 150' | 224.31' |
| FRONT YARD SETBACK | 30'(W) | 67.7'(W) |
| SIDE YARD SETBACK | 30'(N) - 40'(S) | 127.7'(N) - 118.4'(S) |
| REAR YARD SETBACK | 30'(E) | 79.1'(E) |
| MAX. BUILDING COVERAGE | 20% | 9.2% |
| MAX. BUILDING HEIGHT | 30' | SEE ARCH. PLANS |



SILT FENCE DETAIL

### CONSTRUCTION NOTES

NO CHANGE IN PLAN LOCATION OR ELEVATION SHALL BE MADE WITHOUT NOTIFYING THE ENGINEER AND THE PROPER TOWN AUTHORITY

THE ENGINEER SHALL BE NOTIFIED PRIOR TO CONSTRUCTION TO SET LOCATION AND GRADE STAKES FOR THE SUBSURFACE SEWAGE DISPOSAL SYSTEM TO INCLUDE FILL MATERIAL, SEPTIC TANK, PRIMARY LEACH SYSTEM, SWALES IF REQUIRED FOR ALL CURTAIN AND FOUNDATION DRAINS AND WELL

NO SOIL STRIPPING OR EXCAVATION SHALL BEGIN WITHIN THE AREA OF THE SUB SURFACE SEWAGE DISPOSAL SYSTEM WITHOUT A VALID CONSTRUCTION PERMIT

A LICENSED SEWAGE DISPOSAL SYSTEM INSTALLER SHALL OBTAIN A CONSTRUCTION PERMIT AND ARRANGE FOR THE SITE INSPECTION PRIOR TO CONSTRUCTION. THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THIS PLAN AND ALL APPLICABLE STATE, AND LOCAL RULES, REGULATIONS AND CODES

TOPSOIL TO BE STRIPPED AND STOCKPILED PRIOR TO ANY FILLING. SCARIFY AREA BEFORE FILLING. AVOID STRIPPED AREA WITH HEAVY VEHICLES OR WHEELS TO MINIMIZE COMPACTION. PLACE FILL AT EDGE OF PREPARED AREA AND SPREAD WITH BULLDOZER IN 8" LIFTS AND COMPACT TO 90% MAXIMUM DENSITY

SANITARIAN TO INSPECT ANY FILL OVER 24" DEEP PRIOR TO CONSTRUCTION

TRENCH BOTTOMS SHALL BE LEVEL AND SET TO FOLLOW CONTOURS OF EXISTING GRADE. TRENCH LATERALS SHALL BE LEVEL WITH PERFORATIONS DOWNWARD.

NO CONSTRUCTION BELOW ORIGINAL GRADE IN THE LEACHING SYSTEM AREA SHALL TAKE PLACE WITHIN 48 HOURS OF A RAINSTORM OR WITH STANDING PUDDLES

ALL FOOTING DRAINS, CURTAIN DRAINS AND SUBSURFACE SEWAGE DISPOSAL SYSTEM COMPONENTS SHALL BE INSPECTED BY THE TOWN AND LOCATED "AS-BUILT" BY THE ENGINEER AND SURVEYOR PRIOR TO COVERING. INSPECTION SHALL BE WITHIN 2 WORKING DAYS FOLLOWING TIMELY NOTIFICATION BY THE CONTRACTOR TO PROTECT OPEN WORK FROM SILTATION AND EROSION

ALL DISTURBED AREAS SHALL BE GRADED, LOAMED , AND SEEDED AS SOON AS POSSIBLE AFTER CONSTRUCTION. IF SEEDING CANNOT TAKE PLACE DURING THE GROWING SEASON, A TEMPORARY MULCH COVER SHALL BE PLACED AND MAINTAINED UNTIL PERMANENT COVER CAN BE ESTABLISHED

A LICENSED WELL DRILLER SHALL OBTAIN A PERMIT PRIOR TO ANY DRILLING. THE WELL SHALL BE PROVIDED IN ACCORDANCE WITH THIS PLAN AND ALL APPLICABLE STATE AND LOCAL REGULATIONS AND CODES

SATISFACTORY COMPLETION OF ALL THE ABOVE REQUIREMENTS SHALL PRECEED THE FINAL INSPECTION AND APPROVAL OF THE SUBSURFACE SEWAGE DISPOSAL SYSTEM AND WELL

### EROSION CONTROL NOTES

GENERAL REQUIREMENTS FOR EROSION CONTROL:

A SCHEDULE OF OPERATIONS TO INCLUDE STARTING AND COMPLETION DATES FOR MAJOR DEVELOPMENT PHASES, SUCH AS LAND CLEARING AND GRADING, STREET, SIDEWALK, AND STORM SEWAGE INSTALLATION, ETC

SEEDING, SODDING, OR REVEGETATION PLANS AND SPECIFICATIONS FOR ALL UNPROTECTED OR UNVEGETATED AREAS SHALL BE IMPLEMENTED AS SOON AS POSSIBLE

EXCAVATIONS , FILLS AND GRADING :

CUT AND FILL SLOPES SHALL NOT BE STEEPER THAN 3:1 UNLESS STABILIZED BY A RETAINING WALL OR CRIBBING, EXCEPT AS APPROVED BY THE COMMISSION UNDER SPECIAL CONDITIONS

ADEQUATE PROVISIONS SHALL BE MADE TO PREVENT SURFACE WATER FROM DAMAGING THE CUT FACE OF EXCAVATION OR THE SLOPING SURFACES OF FILLS

CUT AND FILLS SHALL NOT ENDANGER ADJOINING PROPERTY

FILL SHALL BE PLACED AND COMPACTED SO AS TO MINIMIZE SLIDING OR EROSION OF THE SOIL

GRADING SHALL NOT BE DONE IN SUCH A WAY SO AS TO DIVERT WATER ONTO THE PROPERTY OF ANOTHER LANDOWNER WITHOUT THE EXPRESSED CONSENT OF THAT LANDOWNER AND THE COMMISSION

FILLS SHALL NOT ENCROACH ON THE NATURAL WATERCOURSES OR CONSTRUCTED CHANNELS
DURING GRADING OPERATIONS, NECESSARY MEASURES FOR DUST CONTROL SHALL BE EXERCIZED

GRADING EQUIPMENT WILL NOT BE ALLOWED TO CROSS LIVE STREAMS EXCEPT BY MEANS OF BRIDGES AND CULVERTS OR OTHER METHODS AS APPROVED BY THE COMMISSION

IMPLEMENTATION PROCEDURES:

WHEREVER FEASIBLE, NATURAL VEGETATION SHOULD BE RETAINED AND PROTECTED

ONLY THE SMALLEST PRACTICAL AREA OF LAND SHOULD BE EXPOSED AT ANY ONE TIME DURING DEVELOPMENT

WHEN LAND IS EXPOSED DURING DEVELOPMENT, THE EXPOSURE SHOULD BE KEPT TO THE SHORTEST PRACTICAL PERIOD OF TIME

WHERE NECESSARY, TEMPORARY VEGETATION AND/OR MULCHING SHOULD BE USED TO PROTECT AREAS EXPOSED DURING DEVELOPMENT

THE PERMANENT FINAL VEGETATION AND STRUCTURES SHOULD BE INSTALLED AS SOON AS PRACTICAL IN THE DEVELOPMENT

LEGEND

- DEEP TEST PIT / PERC TEST
- WETLAND FLAG
- I.P. AS NOTED
- C.H.D. MONUMENT
- SILT FENCE

# *SITE PLAN*

PREPARED FOR

**SCOTT ERLANDSON**

432 TOWN STREET - EAST HADDAM, CONNECTICUT
SCALE 1" = 30' - DECEMBER 5, 2024

0 30' 60'

### REFERENCE NOTE

THIS SURVEY AND MAP HAVE BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-300B-1 THROUGH 20-300B-20 AND THE "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" ADOPTED FOR USE BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPTEMBER 26, 1996.

THE TYPE OF SURVEY IS: "ZONING LOCATION SURVEY"

THE BOUNDARY DETERMINATION CATEGORY IS: "DEPENDENT RESURVEY".

THE HORIZONTAL ACCURACY CONFORMS TO "A-2" STANDARDS

### *MAP REFERENCE:*

PROPERTY TO BE CONVEYED BY SHOREHAM IMPROVEMENT CO. TO TABER DE FOREST - TOWN STREET AT DANIELS ROAD - EAST HADDAM, CONN. - SCALE 1" = 60' - 1 FEB. 1963 - BY PAUL KAYE, L.S.

EAST HADDAM SURVEY CONFIRMING DEED DISTANCES OF RECORD FOR A PORTION OF THE FRANK S. HUNTER ADAMO EASTATE (SECOND PIECE) - SCALE: 1" = 50' - AUG. 1973 - BY R.A. DUTCH, P.E., L.S.

BOUNDARY PLAN - DANIELS ROAD ESTATES - DANIELS ROAD - EAST HADDAM, CONNECTICUT - SCALE: 1" = 50' - DATE FEBRUARY 10, 2006 - REVISED THRU 9/26/06 - BY VOLLMER ASSOCIATES

### *PLAN NOTES:*

NORTH SHOWN PER NORTH AMERICAN DATUM OF 1983

ELEVATIONS SHOWN ARE LIDAR BASED, AND ARE ON THE NORTH AMERICAN VERTICAL DATUM OF 1988.

SEPTIC LOCATION PER SITE INVESTIGATION BY OWNER AND RECORD AS-BUILT

WETLANDS DELINEATED BY ERIC DAVISON, SOIL SCIENTIST, 11/5/24 AND LOCATED BY DUTCH & ASSOCIATES

PROPOSED BUILDING IS NOT INTENDED TO HAVE GUTTERS.
A 2' "SPASH PAD" TO BE INSTALLED BELOW DRIP EDGE.

PE

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

CHARLES R. DUTCH, L.S. — LICENSE NUMBER 15776


DUTCH & ASSOCIATES
LAND SURVEYORS
392 SOUTH MAIN STREET, COLCHESTER, CONN.
PHONE: (860) 537-3465


JOB NO. 24-194

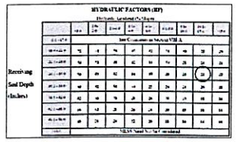
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(LOOSE-FIRM), FILTER FABRIC AT 14"
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GW: 72" - LEDGE: NO - ROOTS: NO - FILTER FABRIC AT 14"
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(PER LRC LETTER 2/21/13)

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11 - 30" LIGHT BROWN FINE SANDY LOAM LOOSE, SOME SILT AND GRAVEL
30 - 80" GREY SANDY TILL, VERY FIRM
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PERCOLATION RATE AT TP #2 = 8.0 MIN./IN., 24" DEEP
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TEST PITS AS WITNESSED AND DESCRIBED BY DON MITCHELL, 2/6/13
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## B100A SEPTIC DESIGN

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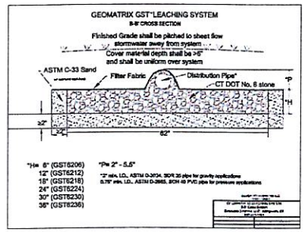
MLSS CALCULATION:
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HF = 24

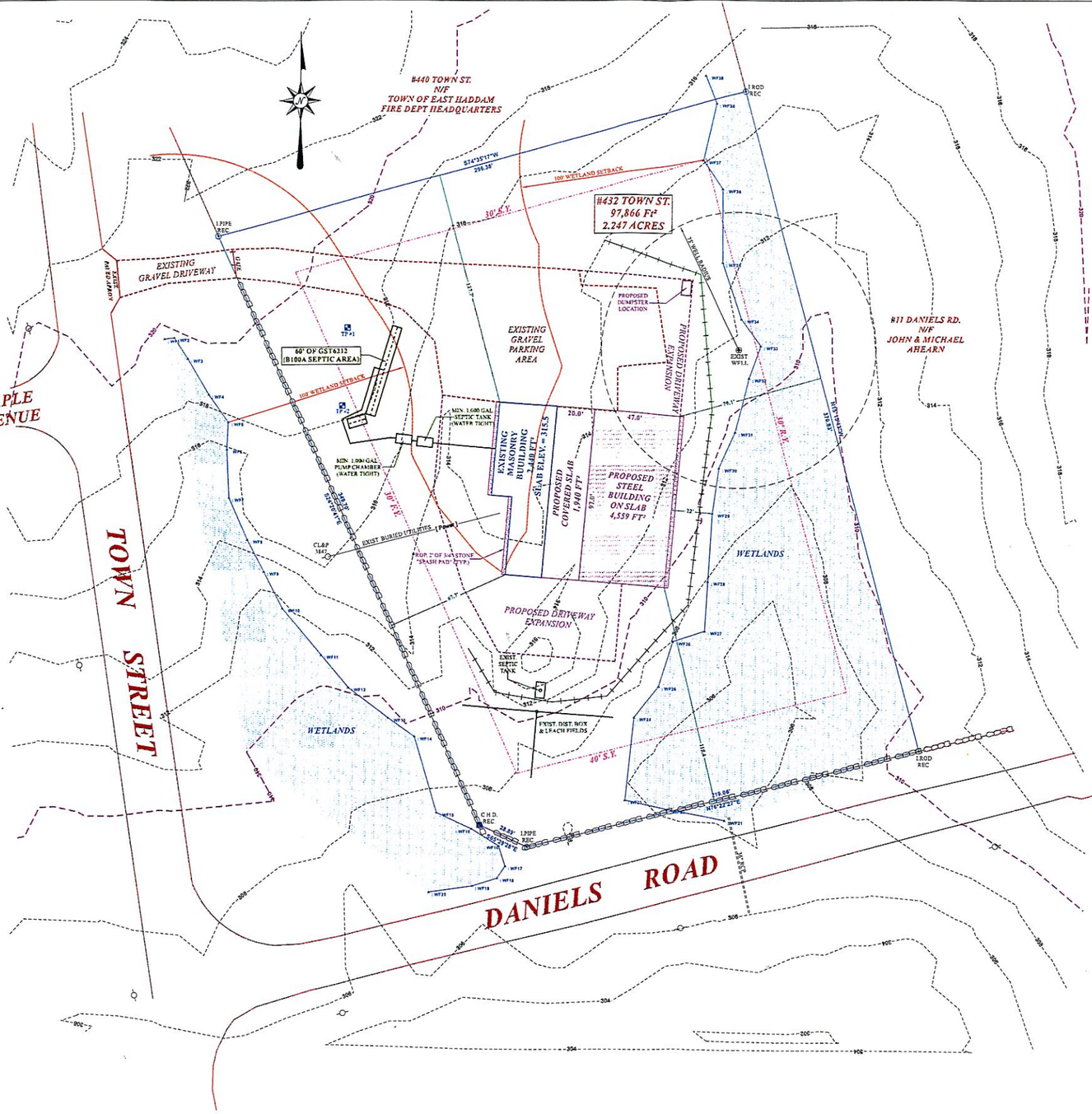
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894 / 300 = 1.99

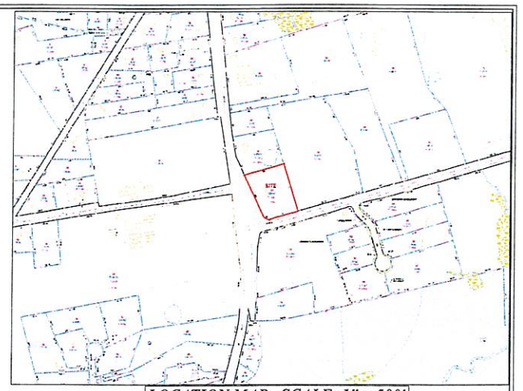
PERC FACTOR (<10.1 MIN/IN) = 1.0

MLSS = 24 X 1.99 X 1.0 = 47.8'

USE 1 ROW OF GST6212 @ 10.0 FT² OF LEACHING PER LINER FT X
60' OF TRENCH = 600 FT² OF LEACHING PROVIDED (596 FT² REQUIRED)




LOCATION MAP - SCALE: 1" = 500'

### CONSTRUCTION NOTES

NO CHANGE IN PLAN LOCATION OR ELEVATION SHALL BE MADE WITHOUT NOTIFYING THE ENGINEER AND THE PROPER TOWN AUTHORITY

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SANITARIAN TO INSPECT ANY FILL OVER 24" DEEP PRIOR TO CONSTRUCTION

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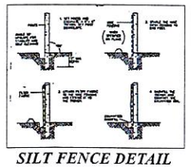
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### ZONING COMPLIANCE CHART - ZONE: IG-2

| | REQUIRED | PROVIDED |
|---|---|---|
| MINIMUM LOT AREA | 1 ACRE | 2.247 ACRES |
| MINIMUM LOT WIDTH | 150' | 224.31' |
| FRONT YARD SETBACK | 30'(W) | 67.7'(W) |
| SIDE YARD SETBACK | 30'(N) - 40'(S) | 127.7'(N) - 118.4'(S) |
| REAR YARD SETBACK | 30'(E) | 79.1'(E) |
| MAX. BUILDING COVERAGE | 20% | 9.2% |
| MAX. BUILDING HEIGHT | 30' | SEE ARCH. PLANS |



SILT FENCE DETAIL

LEGEND

- DEEP TEST PIT / PERC TEST
- WETLAND FLAG
- I.P. AS NOTED
- C.H.D. MONUMENT
- SILT FENCE

## SITE PLAN

PREPARED FOR

**SCOTT ERLANDSON**

432 TOWN STREET - EAST HADDAM, CONNECTICUT
SCALE 1" = 30' - DECEMBER 5, 2024

0 30' 60'

### REFERENCE NOTE

THIS SURVEY AND MAP HAVE BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-300B-1 THROUGH 20-300B-20 AND THE "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" ADOPTED FOR USE BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPTEMBER 26, 1996.

THE TYPE OF SURVEY IS "ZONING LOCATION SURVEY"

THE BOUNDARY DETERMINATION CATEGORY IS "DEPENDENT RESURVEY".

THE HORIZONTAL ACCURACY CONFORMS TO "A-2" STANDARDS

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### PLAN NOTES:

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WETLANDS DELINEATED BY ERIC DAVISON, SOIL SCIENTIST, 11/5/24 AND LOCATED BY DUTCH & ASSOCIATES

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CHARLES R. DUTCH, L.S. — 15776 LICENSE NUMBER


DUTCH & ASSOCIATES
LAND SURVEYORS
392 SOUTH MAIN STREET, COLCHESTER, CONN.
PHONE: (860) 537-3465


JOB NO. 24-194

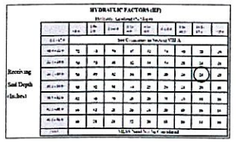
Traverse PC

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TEST PITS AS WITNESSED AND DESCRIBED BY DON MITCHELL, 2/6/13
LOCATION SHOWN AS DESCRIBED IN LETTER FROM LRC DATED 2/21/13 AND ARE THEREFORE APPROXIMATE.




## B100A SEPTIC DESIGN

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DESIGN FLOW FOR INDUSTRIAL BUILDING (PER FT²) = 0.1
8,939 FT² X 0.1 GPD = 894 GALLONS PER DAY

USE A MINIMUM 1,000 GALLON SEPTIC TANK

REQUIRED EFFECTIVE LEACHING:
DAILY FLOW = 894 GAL.
PERC. RATE = <10.1 MIN./IN
REQ. ELA = DAILY FLOW / APP. RATE (TABLE 8)
REQUIRED ELA = 894 / 1.5 = 596 FT² OF LEACHING

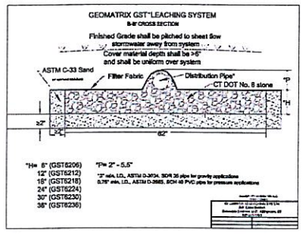
MLSS CALCULATION:
SLOPE = 11.1%
AVG. RL = 29.5
HF = 24

FLOW FACTOR = DAILY FLOW / 300
894 / 300 = 1.99

PERC FACTOR (<10.1 MIN/IN) = 1.0

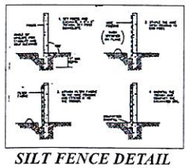
MLSS = 24 X 1.99 X 1.0 = 47.8'

USE 1 ROW OF GST6212 @ 10.0 FT² OF LEACHING PER LINER FT X 60' OF TRENCH = 600 FT² OF LEACHING PROVIDED (596 FT² REQUIRED)

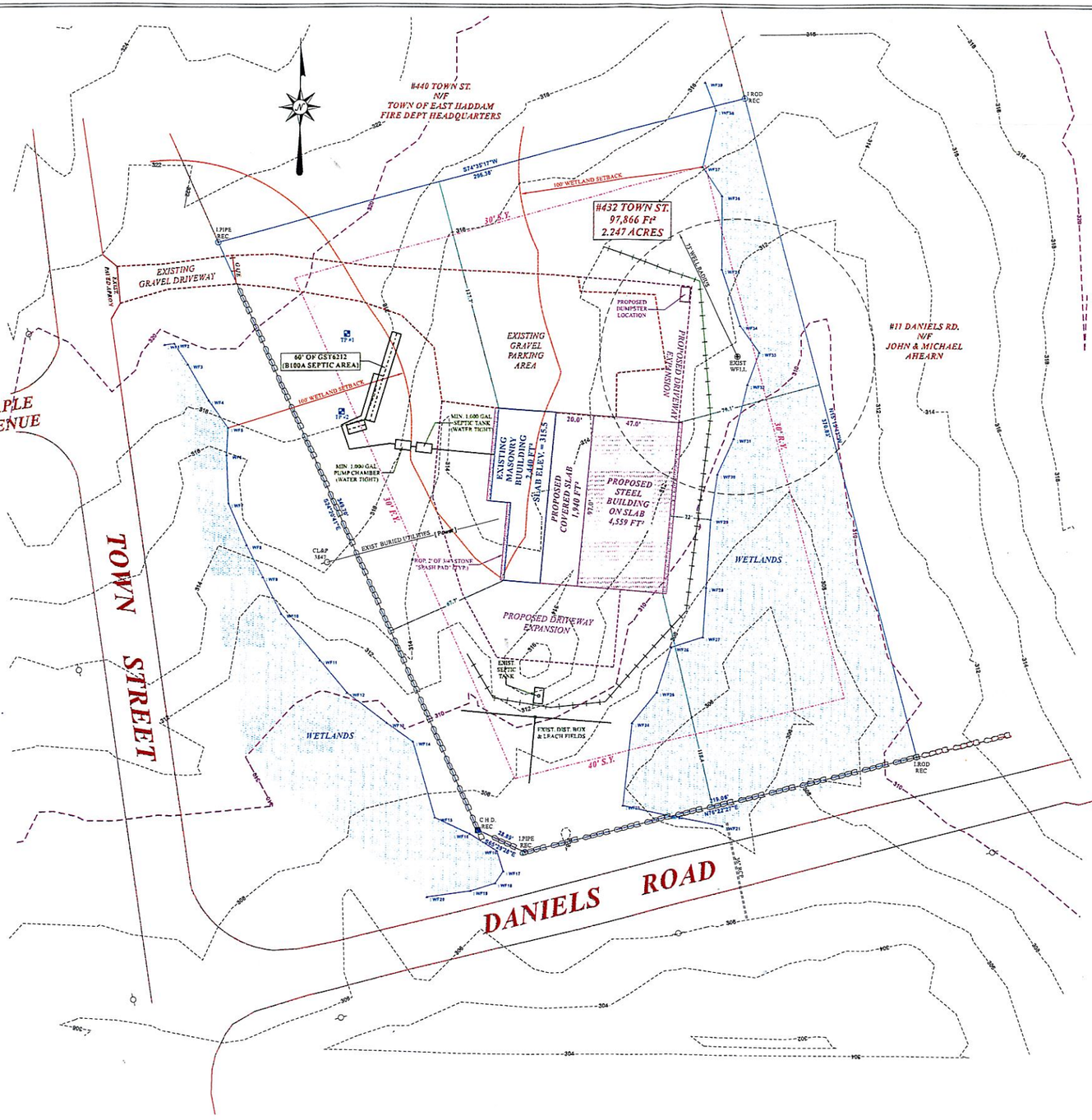


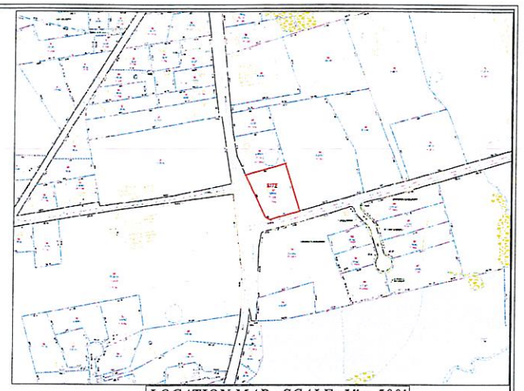

## ZONING COMPLIANCE CHART - ZONE: IG-2

| | REQUIRED | PROVIDED |
|---|---|---|
| MINIMUM LOT AREA | 1 ACRE | 2.247 ACRES |
| MINIMUM LOT WIDTH | 150' | 224.31' |
| FRONT YARD SETBACK | 30'(W) | 67.7'(W) |
| SIDE YARD SETBACK | 30'(N) - 40'(S) | 127.7'(N) - 118.4'(S) |
| REAR YARD SETBACK | 30'(E) | 79.1'(E) |
| MAX. BUILDING COVERAGE | 20% | 9.2% |
| MAX. BUILDING HEIGHT | 30' | SEE ARCH. PLANS |



SILT FENCE DETAIL




LOCATION MAP - SCALE: 1" = 500'

### CONSTRUCTION NOTES

NO CHANGE IN PLAN LOCATION OR ELEVATION SHALL BE MADE WITHOUT NOTIFYING THE ENGINEER AND THE PROPER TOWN AUTHORITY

THE ENGINEER SHALL BE NOTIFIED PRIOR TO CONSTRUCTION TO SET LOCATION AND GRADE STAKES FOR THE SUBSURFACE SEWAGE DISPOSAL SYSTEM TO INCLUDE FILL MATERIAL, SEPTIC TANK, PRIMARY LEACH SYSTEM SIMILAR STAKING REQUIRED FOR ALL CURTAIN AND FOUNDATION DRAINS AND WELL.

NO SOIL STRIPPING OR EXCAVATION SHALL BEGIN WITHIN THE AREA OF THE SUB SURFACE SEWAGE DISPOSAL SYSTEM WITHOUT A VALID CONSTRUCTION PERMIT

A LICENSED SEWAGE DISPOSAL SYSTEM INSTALLER SHALL OBTAIN A CONSTRUCTION PERMIT AND ARRANGE FOR THE SITE INSPECTION PRIOR TO CONSTRUCTION. THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THIS PLAN AND ALL APPLICABLE STATE, AND LOCAL RULES, REGULATIONS AND CODES

TOPSOIL TO BE STRIPPED AND STOCKPILED PRIOR TO ANY FILLING. SCARIFY AREA BEFORE FILLING. AVOID STRIPPED AREA WITH HEAVY VEHICLES OR WHEELS TO MINIMIZE COMPACTION. PLACE FILL AT EDGE OF PREPARED AREA AND SPREAD WITH BULLDOZER IN 6" LIFTS AND COMPACT TO 90% MAXIMUM DENSITY

SANITARIAN TO INSPECT ANY FILL OVER 24" DEEP PRIOR TO CONSTRUCTION

TRENCH BOTTOMS SHALL BE LEVEL AND SET TO FOLLOW CONTOURS OF EXISTING GRADE. TRENCH LATERALS SHALL BE LEVEL WITH PERFORATIONS DOWNWARD.

NO CONSTRUCTION BELOW ORIGINAL GRADE IN THE LEACHING SYSTEM AREA SHALL TAKE PLACE WITHIN 48 HOURS OF A RAINSTORM OR WITH STANDING PUDDLES

ALL FOOTING DRAINS, CURTAIN DRAINS AND SUBSURFACE SEWAGE DISPOSAL SYSTEM COMPONENTS SHALL BE INSPECTED BY THE TOWN AND LOCATED "AS-BUILT" BY THE ENGINEER AND SURVEYOR PRIOR TO COVERING. INSPECTION SHALL BE WITHIN 2 WORKING DAYS FOLLOWING TIMELY NOTIFICATION BY THE CONTRACTOR TO PROTECT OPEN WORK FROM SILTATION AND EROSION

ALL DISTURBED AREAS SHALL BE GRADED, LOAMED, AND SEEDED AS SOON AS POSSIBLE AFTER CONSTRUCTION. IF SEEDING CANNOT TAKE PLACE DURING THE GROWING SEASON, A TEMPORARY MULCH COVER SHALL BE PLACED AND MAINTAINED UNTIL PERMANENT COVER CAN BE ESTABLISHED

A LICENSED WELL DRILLER SHALL OBTAIN A PERMIT PRIOR TO ANY DRILLING. THE WELL SHALL BE PROVIDED IN ACCORDANCE WITH THIS PLAN AND ALL APPLICABLE STATE AND LOCAL REGULATIONS AND CODES

SATISFACTORY COMPLETION OF ALL THE ABOVE REQUIREMENTS SHALL PRECEED THE FINAL INSPECTION AND APPROVAL OF THE SUBSURFACE SEWAGE DISPOSAL SYSTEM AND WELL

### EROSION CONTROL NOTES

GENERAL REQUIREMENTS FOR EROSION CONTROL:

A SCHEDULE OF OPERATIONS TO INCLUDE STARTING AND COMPLETION DATES FOR MAJOR DEVELOPMENT PHASES, SUCH AS LAND CLEARING AND GRADING, STREET, SIDEWALK, AND STORM SEWAGE INSTALLATION, ETC

SEEDING, SODDING, OR REVEGETATION PLANS AND SPECIFICATIONS FOR ALL UNPROTECTED OR UNVEGETATED AREAS SHALL BE IMPLEMENTED AS SOON AS POSSIBLE

EXCAVATIONS , FILLS AND GRADING :

CUT AND FILL SLOPES SHALL NOT BE STEEPER THAN 3:1 UNLESS STABILIZED BY A RETAINING WALL OR CRIBBING, EXCEPT AS APPROVED BY THE COMMISSION UNDER SPECIAL CONDITIONS

ADEQUATE PROVISIONS SHALL BE MADE TO PREVENT SURFACE WATER FROM DAMAGING THE CUT FACE OF EXCAVATION OR THE SLOPING SURFACES OF FILLS

CUT AND FILLS SHALL NOT ENDANGER ADJOINING PROPERTY

FILL SHALL BE PLACED AND COMPACTED SO AS TO MINIMIZE SLIDING OR EROSION OF THE SOIL

GRADING SHALL NOT BE DONE IN SUCH A WAY SO AS TO DIVERT WATER ONTO THE PROPERTY OF ANOTHER LANDOWNER WITHOUT THE EXPRESSED CONSENT OF THAT LANDOWNER AND THE COMMISSION

FILLS SHALL NOT ENCROACH ON THE NATURAL WATERCOURSES OR CONSTRUCTED CHANNELS

DURING GRADING OPERATIONS, NECESSARY MEASURES FOR DUST CONTROL SHALL BE EXERCIZED

GRADING EQUIPMENT WILL NOT BE ALLOWED TO CROSS LIVE STREAMS EXCEPT BY MEANS OF BRIDGES AND CULVERTS OR OTHER METHODS AS APPROVED BY THE COMMISSION

IMPLEMENTATION PROCEDURES:

WHEREVER FEASIBLE, NATURAL VEGETATION SHOULD BE RETAINED AND PROTECTED

ONLY THE SMALLEST PRACTICAL AREA OF LAND SHOULD BE EXPOSED AT ANY ONE TIME DURING DEVELOPMENT

WHEN LAND IS EXPOSED DURING DEVELOPMENT, THE EXPOSURE SHOULD BE KEPT TO THE SHORTEST PRACTICAL PERIOD OF TIME

WHERE NECESSARY, TEMPORARY VEGETATION AND/OR MULCHING SHOULD BE USED TO PROTECT AREAS EXPOSED DURING DEVELOPMENT

THE PERMANENT FINAL VEGETATION AND STRUCTURES SHOULD BE INSTALLED AS SOON AS PRACTICAL IN THE DEVELOPMENT

LEGEND

- DEEP TEST PIT / PERC TEST
- WETLAND FLAG
- I.P. AS NOTED
- C.H.D. MONUMENT
- SILT FENCE

## SITE PLAN

PREPARED FOR

**SCOTT ERLANDSON**

432 TOWN STREET - EAST HADDAM, CONNECTICUT
SCALE 1" = 30' - DECEMBER 5, 2024

0 30' 60'

### REFERENCE NOTE

THIS SURVEY AND MAP HAVE BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-300B-1 THROUGH 20-300B-20 AND THE "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" ADOPTED FOR USE BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPTEMBER 26, 1998.

THE TYPE OF SURVEY IS "ZONING LOCATION SURVEY"

THE BOUNDARY DETERMINATION CATEGORY IS "DEPENDENT RESURVEY".

THE HORIZONTAL ACCURACY CONFORMS TO "A-2" STANDARDS

### MAP REFERENCE:

PROPERTY TO BE CONVEYED BY SHOREHAM IMPROVEMENT CO. TO TABER DE FOREST - TOWN STREET AT DANIELS ROAD - EAST HADDAM, CONN. - SCALE 1" = 60' - 1 FEB. 1963 - BY PAUL KAYE, L.S.

EAST HADDAM SURVEY CONFIRMING DEED DISTANCES OF RECORD FOR A PORTION OF THE FRANK S. HUNTER ADAMO EASTATE (SECOND PIECE) - SCALE: 1" = 50' - AUG. 1973 - BY R.A. DUTCH, P.E., L.S.

BOUNDARY PLAN - DANIELS ROAD ESTATES - DANIELS ROAD - EAST HADDAM, CONNECTICUT - SCALE: 1" = 50' - DATE FEBRUARY 10, 2006 - REVISED THRU 9/26/06 - BY VOLLMER ASSOCIATES

### PLAN NOTES:

NORTH SHOWN PER NORTH AMERICAN DATUM OF 1983

ELEVATIONS SHOWN ARE LIDAR BASED, AND ARE ON THE NORTH AMERICAN VERTICAL DATUM OF 1988.

SEPTIC LOCATION PER SITE INVESTIGATION BY OWNER AND RECORD AS-BUILT

WETLANDS DELINEATED BY ERIC DAVISON, SOIL SCIENTIST, 11/5/24 AND LOCATED BY DUTCH & ASSOCIATES

PROPOSED BUILDING IS NOT INTENDED TO HAVE GUTTERS. A 2' "SPASH PAD" TO BE INSTALLED BELOW DRIP EDGE.

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

CHARLES R. DUTCH, L.S. — 15776 LICENSE NUMBER


DUTCH & ASSOCIATES
LAND SURVEYORS
392 SOUTH MAIN STREET, COLCHESTER, CONN.
PHONE: (860) 537-3465


JOB NO. 24-194

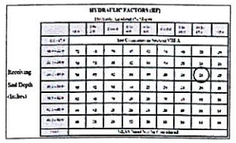
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## DEEP TEST PIT & PERC. TEST DATA

TP#1
0 - 14" FILL TOPSOIL, AND BROWN SANDY FILL WITH GRAVEL
14 - 31" LIGHT BROWN TO GREY FIRM SAND SOME GRAVEL (LOOSE-FIRM), FILTER FABRIC AT 14"
31 - 42" SAME AS ABOVE BUT SILTY AND GREY
42 - 74" GREY FIRM SAND (LOOSE)
REDOX/MOTTLES: HEAVY AT 31" SOME AT 22" (28" PER LRC 2/21/13)
GW: 72" - LEDGE: NO - ROOTS: NO - FILTER FABRIC AT 14"
PERCOLATION RATE AT TP #1 = 10.0 MIN./IN., 28" DEEP
(PER LRC LETTER 2/21/13)

TP#2
0 - 11" TOPSOIL
11 - 30" LIGHT BROWN FINE SANDY LOAM LOOSE, SOME SILT AND GRAVEL
30 - 80" GREY SANDY TILL, VERY FIRM
REDOX/MOTTLES: 31" - GW: SEEPS AT 70" - LEDGE: NO REFUSAL-ROOTS: MOST TO 22"
PERCOLATION RATE AT TP #2 = 8.0 MIN./IN., 24" DEEP
(PER LRC LETTER 2/21/13)

TEST PITS AS WITNESSED AND DESCRIBED BY DON MITCHELL, 2/6/13
LOCATION SHOWN AS DESCRIBED IN LETTER FROM LRC DATED 2/21/13 AND ARE THEREFORE APPROXIMATE.




## B100A SEPTIC DESIGN

DAILY FLOW (PER TABLE 4):
TOTAL BUILDING AREA = 8,939 FT²
DESIGN FLOW FOR INDUSTRIAL BUILDING (PER FT²) = 0.1
8,939 FT² X 0.1 GPD = 894 GALLONS PER DAY

USE A MINIMUM 1,000 GALLON SEPTIC TANK

REQUIRED EFFECTIVE LEACHING:
DAILY FLOW = 894 GAL.
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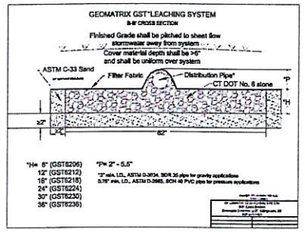
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AVG. RL = 29.5
HF = 24

FLOW FACTOR = DAILY FLOW / 300
894 / 300 = 1.99

PERC FACTOR (<10.1 MIN/IN) = 1.0

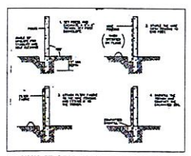
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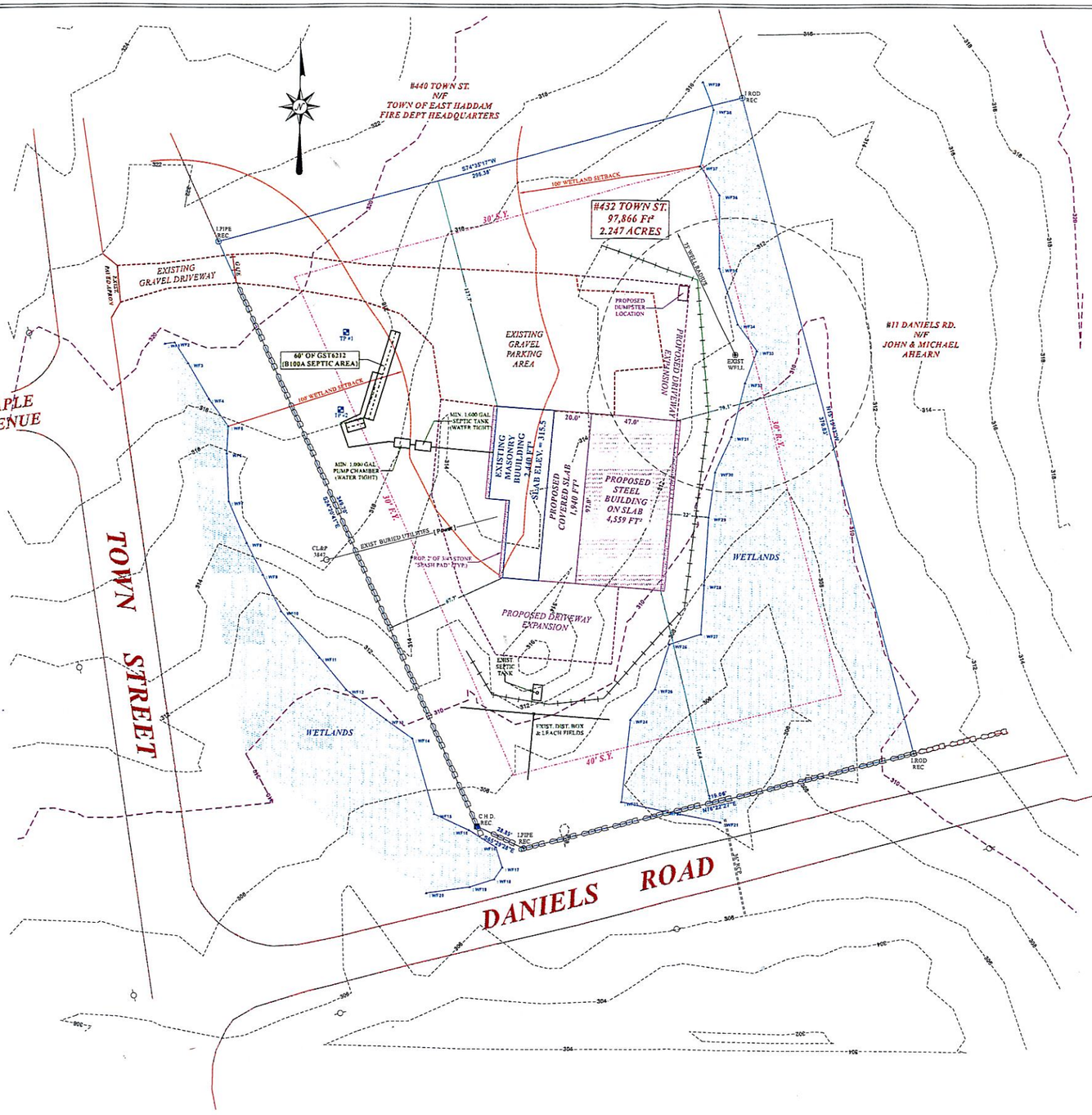


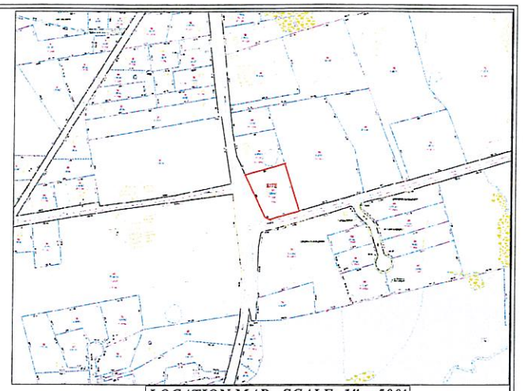

## ZONING COMPLIANCE CHART - ZONE: IG-2

| | REQUIRED | PROVIDED |
|---|---|---|
| MINIMUM LOT AREA | 1 ACRE | 2.247 ACRES |
| MINIMUM LOT WIDTH | 150' | 224.31' |
| FRONT YARD SETBACK | 30'(W) | 67.7'(W) |
| SIDE YARD SETBACK | 30'(N) - 40'(S) | 127.7'(N) - 118.4'(S) |
| REAR YARD SETBACK | 30'(E) | 79.1'(E) |
| MAX. BUILDING COVERAGE | 20% | 9.2% |
| MAX. BUILDING HEIGHT | 30' | SEE ARCH. PLANS |



SILT FENCE DETAIL




LOCATION MAP - SCALE: 1" = 500'

### CONSTRUCTION NOTES

NO CHANGE IN PLAN LOCATION OR ELEVATION SHALL BE MADE WITHOUT NOTIFYING THE ENGINEER AND THE PROPER TOWN AUTHORITY

THE ENGINEER SHALL BE NOTIFIED PRIOR TO CONSTRUCTION TO SET LOCATION AND GRADE STAKES FOR THE SUBSURFACE SEWAGE DISPOSAL SYSTEM TO INCLUDE: FILL MATERIAL, SEPTIC TANK, PRIMARY LEACH SYSTEM, SIMILAR STAKING REQUIRED FOR ALL CUTS/FILL AND FOUNDATION DRAINS AND WELL.

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SANITARIAN TO INSPECT ANY FILL OVER 24" DEEP PRIOR TO CONSTRUCTION

TRENCH BOTTOMS SHALL BE LEVEL AND SET TO FOLLOW CONTOURS OF EXISTING GRADE. TRENCH LATERALS SHALL BE LEVEL WITH PERFORATIONS DOWNWARD.

NO CONSTRUCTION BELOW ORIGINAL GRADE IN THE LEACHING SYSTEM AREA SHALL TAKE PLACE WITHIN 48 HOURS OF A RAIN STORM OR WITH STANDING PUDDLES

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### EROSION CONTROL NOTES

GENERAL REQUIREMENTS FOR EROSION CONTROL:

A SCHEDULE OF OPERATIONS TO INCLUDE STARTING AND COMPLETION DATES FOR MAJOR DEVELOPMENT PHASES, SUCH AS LAND CLEARING AND GRADING, STREET, SIDEWALK, AND STORM SEWAGE INSTALLATION, ETC

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GRADING SHALL NOT BE DONE IN SUCH A WAY SO AS TO DIVERT WATER ONTO THE PROPERTY OF ANOTHER LANDOWNER WITHOUT THE EXPRESSED CONSENT OF THAT LANDOWNER AND THE COMMISSION

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WHEN LAND IS EXPOSED DURING DEVELOPMENT, THE EXPOSURE SHOULD BE KEPT TO THE SHORTEST PRACTICAL PERIOD OF TIME

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THE PERMANENT FINAL VEGETATION AND STRUCTURES SHOULD BE INSTALLED AS SOON AS PRACTICAL IN THE DEVELOPMENT

LEGEND

- DEEP TEST PIT / PERC TEST
- WETLAND FLAG
- I.P. AS NOTED
- C.H.D. MONUMENT
- SILT FENCE

### REFERENCE NOTE

THIS SURVEY AND MAP HAVE BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-300B-1 THROUGH 20-300B-20 AND THE "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" ADOPTED FOR USE BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPTEMBER 26, 1996.

THE TYPE OF SURVEY IS "ZONING LOCATION SURVEY"

THE BOUNDARY DETERMINATION CATEGORY IS "DEPENDENT RESURVEY".

THE HORIZONTAL ACCURACY CONFORMS TO "A-2" STANDARDS

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BOUNDARY PLAN - DANIELS ROAD ESTATES - DANIELS ROAD - EAST HADDAM, CONNECTICUT - SCALE: 1" = 50' - DATE FEBRUARY 10, 2006 - REVISED THRU 9/26/06 - BY VOLLMER ASSOCIATES

### PLAN NOTES:

NORTH SHOWN PER NORTH AMERICAN DATUM OF 1983

ELEVATIONS SHOWN ARE LIDAR BASED, AND ARE ON THE NORTH AMERICAN VERTICAL DATUM OF 1988.

SEPTIC LOCATION PER SITE INVESTIGATION BY OWNER AND RECORD AS-BUILT

WETLANDS DELINEATED BY ERIC DAVISON, SOIL SCIENTIST, 11/5/24 AND LOCATED BY DUTCH & ASSOCIATES

PROPOSED BUILDING IS NOT INTENDED TO HAVE GUTTERS.
A 2' "SPASH PAD" TO BE INSTALLED BELOW DRIP EDGE.

# SITE PLAN

PREPARED FOR

## SCOTT ERLANDSON

432 TOWN STREET - EAST HADDAM, CONNECTICUT
SCALE 1" = 30' - DECEMBER 5, 2024

0 30' 60'

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

CHARLES R. DUTCH, L.S. — LICENSE NUMBER 15776


DUTCH & ASSOCIATES
LAND SURVEYORS
392 SOUTH MAIN STREET, COLCHESTER, CONN.
PHONE: (860) 537-3465


JOB NO. 24-194

Traverse PC

## DEEP TEST PIT & PERC. TEST DATA

TP#1
0 - 14" FILL TOPSOIL, AND BROWN SANDY FILL WITH GRAVEL
14 - 31" LIGHT BROWN TO GREY FIRM SAND SOME GRAVEL (LOOSE-FIRM), FILTER FABRIC AT 14"
31 - 42" SAME AS ABOVE BUT SILTY AND GREY
42 - 74" GREY FIRM SAND (LOOSE)
REDOX/MOTTLES: HEAVY AT 31" SOME AT 22" (28" PER LRC 2/21/13)
GW: 72" - LEDGE: NO - ROOTS: NO - FILTER FABRIC AT 14"
PERCOLATION RATE AT TP #1 = 10.0 MIN./IN., 28" DEEP
(PER LRC LETTER 2/21/13)

TP#2
0 - 11" TOPSOIL
11 - 30" LIGHT BROWN FINE SANDY LOAM LOOSE, SOME SILT AND GRAVEL
30 - 80" GREY SANDY TILL, VERY FIRM
REDOX/MOTTLES: 31" - GW: SEEPS AT 70" - LEDGE: NO REFUSAL-
ROOTS: MOST TO 27"
PERCOLATION RATE AT TP #2 = 8.0 MIN./IN., 24" DEEP
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TEST PITS AS WITNESSED AND DESCRIBED BY DON MITCHELL, 2/6/13
LOCATION SHOWN AS DESCRIBED IN LETTER FROM LRC DATED 2/21/13
AND ARE THEREFORE APPROXIMATE.

HYDRAULIC FACTORS (HF)

| Percent Vertical Rise | Soil Classification per Textural USDA | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | SAND | LOAMY SAND | SANDY LOAM | LOAM | SILT LOAM | SANDY CLAY LOAM | CLAY LOAM | SILTY CLAY LOAM | SANDY CLAY | SILTY CLAY |
| Receiving Soil Depth (inches) | | | | | | | | | | |
| 0-10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 10-20 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 20-30 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 30-40 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 40-50 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 50-60 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 60-70 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 70-80 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |

## B100A SEPTIC DESIGN

DAILY FLOW (PER TABLE 4):
TOTAL BUILDING AREA = 8,939 FT²
DESIGN FLOW FOR INDUSTRIAL BUILDING (PER FT²) = 0.1
8,939 FT² X 0.1 GPD = 894 GALLONS PER DAY

USE A MINIMUM 1,000 GALLON SEPTIC TANK

REQUIRED EFFECTIVE LEACHING:
DAILY FLOW = 894 GAL.
PERC. RATE = <10.1 MIN./IN
REQ. ELA = DAILY FLOW / APP. RATE (TABLE 8)
REQUIRED ELA = 894 / 1.5 = 596 FT² OF LEACHING

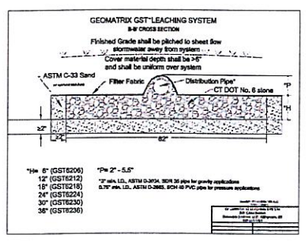
MLSS CALCULATION:
SLOPE = 11.1%
AVG. RL = 29.5
HF = 24

FLOW FACTOR = DAILY FLOW / 300
894 / 300 = 1.99

PERC FACTOR (<10.1 MIN/IN) = 1.0

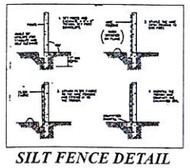
MLSS = 24 X 1.99 X 1.0 = 47.8'

USE 1 ROW OF GST6212 @ 10.0 FT² OF LEACHING PER LINER FT X 60' OF TRENCH = 600 FT² OF LEACHING PROVIDED (596 FT² REQUIRED)

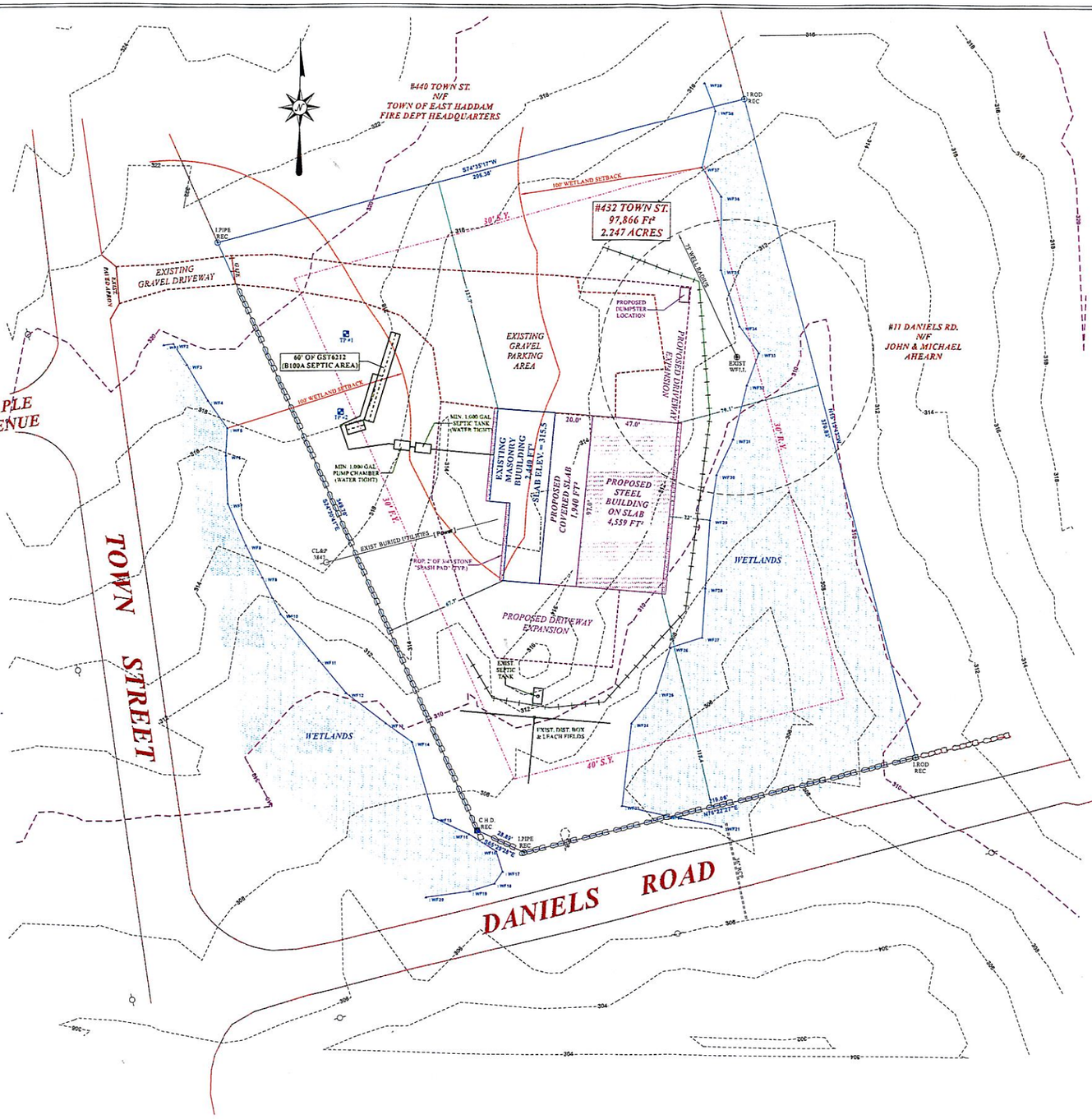


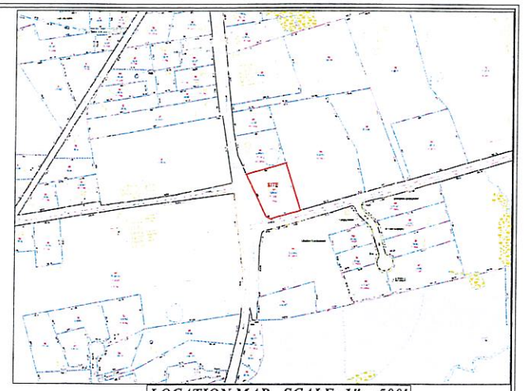

## ZONING COMPLIANCE CHART - ZONE: IG-2

| | REQUIRED | PROVIDED |
|---|---|---|
| MINIMUM LOT AREA | 1 ACRE | 2.247 ACRES |
| MINIMUM LOT WIDTH | 150' | 224.31' |
| FRONT YARD SETBACK | 30'(W) | 67.7'(W) |
| SIDE YARD SETBACK | 30'(N) - 40'(S) | 127.7'(N) - 118.4'(S) |
| REAR YARD SETBACK | 30'(E) | 79.1'(E) |
| MAX. BUILDING COVERAGE | 20% | 9.2% |
| MAX. BUILDING HEIGHT | 30' | SEE ARCH. PLANS |



SILT FENCE DETAIL




LOCATION MAP - SCALE: 1" = 500'

### CONSTRUCTION NOTES

NO CHANGE IN PLAN LOCATION OR ELEVATION SHALL BE MADE WITHOUT NOTIFYING THE ENGINEER AND THE PROPER TOWN AUTHORITY

THE ENGINEER SHALL BE NOTIFIED PRIOR TO CONSTRUCTION TO SET LOCATION AND GRADE STAKES FOR THE SUBSURFACE SEWAGE DISPOSAL SYSTEM TO INCLUDE: FILL MATERIAL, SEPTIC TANK, PRIMARY LEACH SYSTEM. SIMILAR STAKING REQUIRED FOR ALL CURTAIN AND FOUNDATION DRAINS AND WELL.

NO SOIL STRIPPING OR EXCAVATION SHALL BEGIN WITHIN THE AREA OF THE SUB SURFACE SEWAGE DISPOSAL SYSTEM WITHOUT A VALID CONSTRUCTION PERMIT

A LICENSED SEWAGE DISPOSAL SYSTEM INSTALLER SHALL OBTAIN A CONSTRUCTION PERMIT AND ARRANGE FOR THE SITE INSPECTION PRIOR TO CONSTRUCTION. THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THIS PLAN AND ALL APPLICABLE STATE AND LOCAL RULES, REGULATIONS AND CODES

TOPSOIL TO BE STRIPPED AND STOCKPILED PRIOR TO ANY FILLING. SCARIFY AREA BEFORE FILLING. AVOID STRIPPED AREA WITH HEAVY VEHICLES (ON WHEELS TO MINIMIZE COMPACTION. PLACE FILL AT EDGE OF PREPARED AREA AND SPREAD WITH BULLDOZER IN 8" LIFTS AND COMPACT TO 90% MAXIMUM DENSITY

SANITARIAN TO INSPECT ANY FILL OVER 24" DEEP PRIOR TO CONSTRUCTION

TRENCH BOTTOMS SHALL BE LEVEL AND SET TO FOLLOW CONTOURS OF EXISTING GRADE. TRENCH LATERALS SHALL BE LEVEL WITH PERFORATIONS DOWNWARD.

NO CONSTRUCTION BELOW ORIGINAL GRADE IN THE LEACHING SYSTEM AREA SHALL TAKE PLACE WITHIN 48 HOURS OF A RAINSTORM OR WITH STANDING PUDDLES

ALL FOOTING DRAINS, CURTAIN DRAINS AND SUBSURFACE SEWAGE DISPOSAL SYSTEM COMPONENTS SHALL BE INSPECTED BY THE TOWN AND LOCATED "AS-BUILT" BY THE ENGINEER AND SURVEYOR PRIOR TO COVERING. INSPECTION SHALL BE WITHIN 2 WORKING DAYS FOLLOWING TIMELY NOTIFICATION BY THE CONTRACTOR TO PROTECT OPEN WORK FROM SILTATION AND EROSION

ALL DISTURBED AREAS SHALL BE GRADED, LOAMED, AND SEEDED AS SOON AS POSSIBLE AFTER CONSTRUCTION. IF SEEDING CANNOT TAKE PLACE DURING THE GROWING SEASON, A TEMPORARY MULCH COVER SHALL BE PLACED AND MAINTAINED UNTIL PERMANENT COVER CAN BE ESTABLISHED

A LICENSED WELL DRILLER SHALL OBTAIN A PERMIT PRIOR TO ANY DRILLING. THE WELL SHALL BE PROVIDED IN ACCORDANCE WITH THIS PLAN AND ALL APPLICABLE STATE AND LOCAL REGULATIONS AND CODES

SATISFACTORY COMPLETION OF ALL THE ABOVE REQUIREMENTS SHALL PRECEED THE FINAL INSPECTION AND APPROVAL OF THE SUBSURFACE SEWAGE DISPOSAL SYSTEM AND WELL

### EROSION CONTROL NOTES

GENERAL REQUIREMENTS FOR EROSION CONTROL:

A SCHEDULE OF OPERATIONS TO INCLUDE STARTING AND COMPLETION DATES FOR MAJOR DEVELOPMENT PHASES, SUCH AS LAND CLEARING AND GRADING, STREET, SIDEWALK, AND STORM SEWAGE INSTALLATION, ETC

SEEDING, SODDING, OR REVEGETATION PLANS AND SPECIFICATIONS FOR ALL UNPROTECTED OR UNVEGETATED AREAS SHALL BE IMPLEMENTED AS SOON AS POSSIBLE

EXCAVATIONS , FILLS AND GRADING :

CUT AND FILL SLOPES SHALL NOT BE STEEPER THAN 3:1 UNLESS STABILIZED BY A RETAINING WALL OR CRIBBING, EXCEPT AS APPROVED BY THE COMMISSION UNDER SPECIAL CONDITIONS

ADEQUATE PROVISIONS SHALL BE MADE TO PREVENT SURFACE WATER FROM DAMAGING THE CUT FACE OF EXCAVATION OR THE SLOPING SURFACES OF FILLS

CUT AND FILLS SHALL NOT ENDANGER ADJOINING PROPERTY

FILL SHALL BE PLACED AND COMPACTED SO AS TO MINIMIZE SLIDING OR EROSION OF THE SOIL

GRADING SHALL NOT BE DONE IN SUCH A WAY SO AS TO DIVERT WATER ONTO THE PROPERTY OF ANOTHER LANDOWNER WITHOUT THE EXPRESSED CONSENT OF THAT LANDOWNER AND THE COMMISSION

FILLS SHALL NOT ENCROACH ON THE NATURAL WATERCOURSES OR CONSTRUCTED CHANNELS
DURING GRADING OPERATIONS, NECESSARY MEASURES FOR DUST CONTROL SHALL BE EXERCIZED

GRADING EQUIPMENT WILL NOT BE ALLOWED TO CROSS LIVE STREAMS EXCEPT BY MEANS OF BRIDGES AND CULVERTS OR OTHER METHODS AS APPROVED BY THE COMMISSION

IMPLEMENTATION PROCEDURES:

WHEREVER FEASIBLE, NATURAL VEGETATION SHOULD BE RETAINED AND PROTECTED

ONLY THE SMALLEST PRACTICAL AREA OF LAND SHOULD BE EXPOSED AT ANY ONE TIME DURING DEVELOPMENT

WHEN LAND IS EXPOSED DURING DEVELOPMENT, THE EXPOSURE SHOULD BE KEPT TO THE SHORTEST PRACTICAL PERIOD OF TIME

WHERE NECESSARY, TEMPORARY VEGETATION AND/OR MULCHING SHOULD BE USED TO PROTECT AREAS EXPOSED DURING DEVELOPMENT

THE PERMANENT FINAL VEGETATION AND STRUCTURES SHOULD BE INSTALLED AS SOON AS PRACTICAL IN THE DEVELOPMENT

LEGEND

- DEEP TEST PIT / PERC TEST
- WETLAND FLAG
- I.P. AS NOTED
- C.H.D. MONUMENT
- SILT FENCE

### REFERENCE NOTE

THIS SURVEY AND MAP HAVE BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-300B-1 THROUGH 20-300B-20 AND THE "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" ADOPTED FOR USE BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPTEMBER 26, 1996.

THE TYPE OF SURVEY IS "ZONING LOCATION SURVEY"

THE BOUNDARY DETERMINATION CATEGORY IS "DEPENDENT RESURVEY".

THE HORIZONTAL ACCURACY CONFORMS TO "A-2" STANDARDS

### MAP REFERENCE:

PROPERTY TO BE CONVEYED BY SHOREHAM IMPROVEMENT CO. TO TABER DE FOREST - TOWN STREET AT DANIELS ROAD - EAST HADDAM, CONN. - SCALE 1" = 60' - 1 FEB. 1963 - BY PAUL KAYE, L.S.

EAST HADDAM SURVEY CONFIRMING DEED DISTANCES OF RECORD FOR A PORTION OF THE FRANK S. HUNTER ADAMO EASTATE (SECOND PIECE) - SCALE: 1" = 50' - AUG. 1973 - BY R.A. DUTCH, P.E., L.S.

BOUNDARY PLAN - DANIELS ROAD ESTATES - DANIELS ROAD - EAST HADDAM, CONNECTICUT - SCALE: 1" = 50' - DATE FEBRUARY 10, 2006 - REVISED THRU 9/26/06 - BY VOLLMER ASSOCIATES

### PLAN NOTES:

NORTH SHOWN PER NORTH AMERICAN DATUM OF 1983

ELEVATIONS SHOWN ARE LIDAR BASED, AND ARE ON THE NORTH AMERICAN VERTICAL DATUM OF 1988.

SEPTIC LOCATION PER SITE INVESTIGATION BY OWNER AND RECORD AS-BUILT

WETLANDS DELINEATED BY ERIC DAVISON, SOIL SCIENTIST, 11/5/24 AND LOCATED BY DUTCH & ASSOCIATES

PROPOSED BUILDING IS NOT INTENDED TO HAVE GUTTERS.
A 2' "SPASH PAD" TO BE INSTALLED BELOW DRIP EDGE.

# SITE PLAN

PREPARED FOR

## SCOTT ERLANDSON

432 TOWN STREET - EAST HADDAM, CONNECTICUT
SCALE 1" = 30' - DECEMBER 5, 2024

0 30' 60'

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

CHARLES R. DUTCH, L.S. — LICENSE NUMBER 15776


DUTCH & ASSOCIATES
LAND SURVEYORS
392 SOUTH MAIN STREET, COLCHESTER, CONN.
PHONE: (860) 537-3465


JOB NO. 24-194

Traverse PC

## DEEP TEST PIT & PERC. TEST DATA

TP#1
0 - 14" FILL TOPSOIL, AND BROWN SANDY FILL WITH GRAVEL
14 - 31" LIGHT BROWN TO GREY FIRM SAND SOME GRAVEL (LOOSE-FIRM), FILTER FABRIC AT 14"
31 - 42" SAME AS ABOVE BUT SILTY AND GREY
42 - 74" GREY FIRM SAND (LOOSE)
REDOX/MOTTLES: HEAVY AT 31" SOME AT 22" (28" PER LRC 2/21/13)
GW: 72" - LEDGE: NO - ROOTS: NO - FILTER FABRIC AT 14"
PERCOLATION RATE AT TP #1 = 10.0 MIN./IN., 28" DEEP
(PER LRC LETTER 2/21/13)

TP#2
0 - 11" TOPSOIL
11 - 30" LIGHT BROWN FINE SANDY LOAM LOOSE, SOME SILT AND GRAVEL
30 - 80" GREY SANDY TILL, VERY FIRM
REDOX/MOTTLES: 31" - GW: SEEPS AT 70" - LEDGE. NO REFUSAL-
ROOTS: MOST TO 27"
PERCOLATION RATE AT TP #2 = 8.0 MIN./IN., 24" DEEP
(PER LRC LETTER 2/21/13)

TEST PITS AS WITNESSED AND DESCRIBED BY DON MITCHELL, 2/6/13
LOCATION SHOWN AS DESCRIBED IN LETTER FROM LRC DATED 2/21/13
AND ARE THEREFORE APPROXIMATE.

HYDRAULIC FACTORS (HF)

| Percent Sand and Gravel by Volume | Loading Rate (GPD/SF) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 0.8 | 1.0 | 1.2 | 1.4 | 1.6 | 1.8 | 2.0 | 2.2 | 2.4 |
| 90-100% | 75 | 60 | 50 | 43 | 38 | 33 | 30 | 27 | 25 |
| 80-89% | 90 | 72 | 60 | 51 | 45 | 40 | 36 | 33 | 30 |
| 70-79% | 105 | 84 | 70 | 60 | 53 | 47 | 42 | 38 | 35 |
| 60-69% | 120 | 96 | 80 | 69 | 60 | 53 | 48 | 44 | 40 |
| 50-59% | 135 | 108 | 90 | 77 | 68 | 60 | 54 | 49 | 45 |
| 40-49% | 150 | 120 | 100 | 86 | 75 | 67 | 60 | 55 | 50 |
| 30-39% | 165 | 132 | 110 | 94 | 83 | 73 | 66 | 60 | 55 |
| 20-29% | 180 | 144 | 120 | 103 | 90 | 80 | 72 | 65 | 60 |
| 10-19% | 195 | 156 | 130 | 111 | 98 | 87 | 78 | 71 | 65 |
| <10% | 210 | 168 | 140 | 120 | 105 | 93 | 84 | 76 | 70 |

Restricting Soil Depth (inches)

## B100A SEPTIC DESIGN

DAILY FLOW (PER TABLE 4):
TOTAL BUILDING AREA = 8,939 FT²
DESIGN FLOW FOR INDUSTRIAL BUILDING (PER FT²) = 0.1
8,939 FT² X 0.1 GPD = 894 GALLONS PER DAY

USE A MINIMUM 1,000 GALLON SEPTIC TANK

REQUIRED EFFECTIVE LEACHING:
DAILY FLOW = 894 GAL.
PERC. RATE = <10.1 MIN./IN
REQ. ELA = DAILY FLOW / APP. RATE (TABLE 8)
REQUIRED ELA = 894 / 1.5 = 596 FT² OF LEACHING

MLSS CALCULATION:
SLOPE = 11.1%
AVG. RL = 29.5
HF = 24

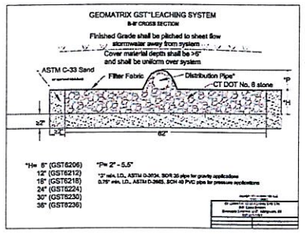
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894 / 300 = 1.99

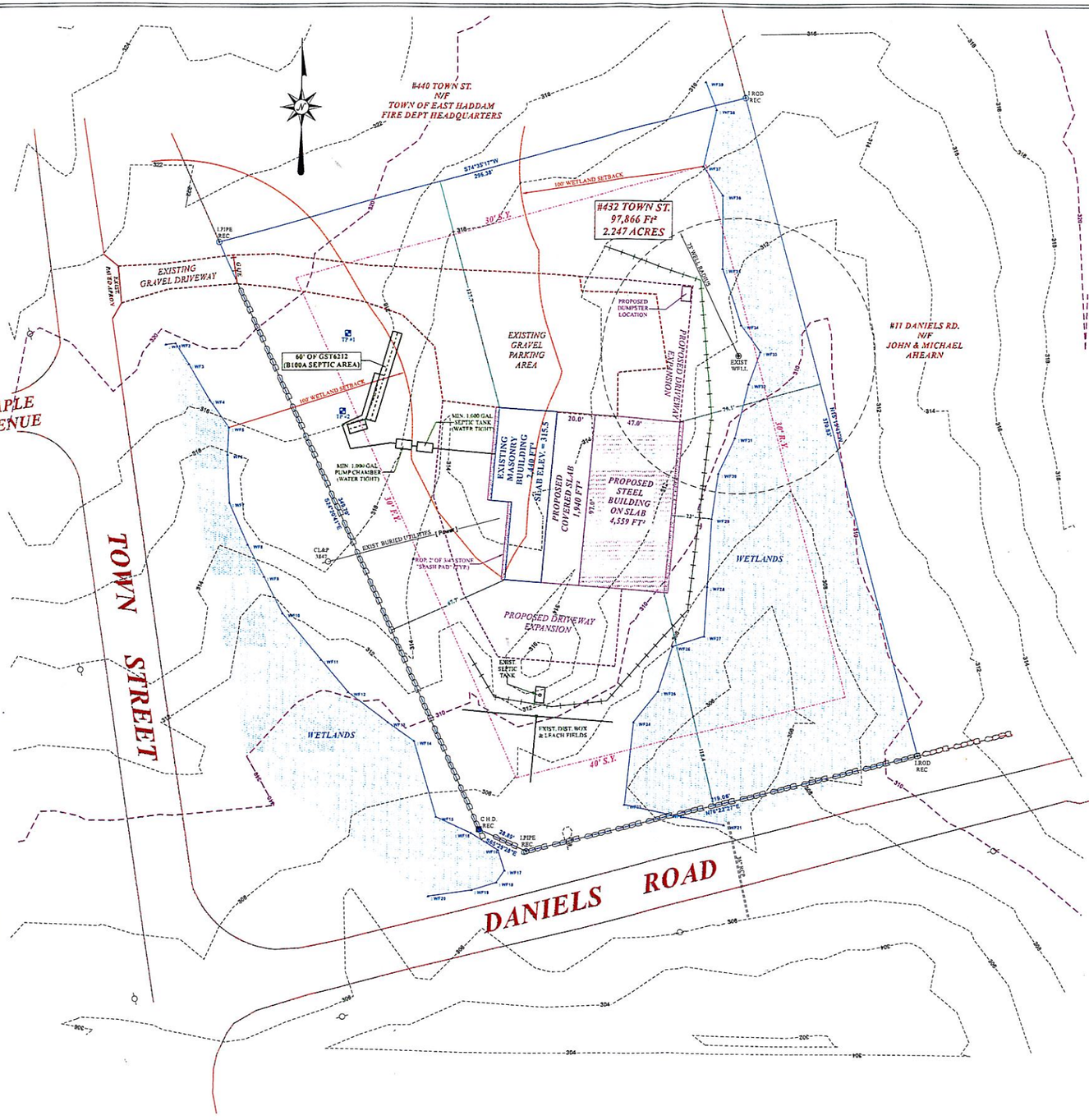
PERC FACTOR (<10.1 MIN/IN) = 1.0

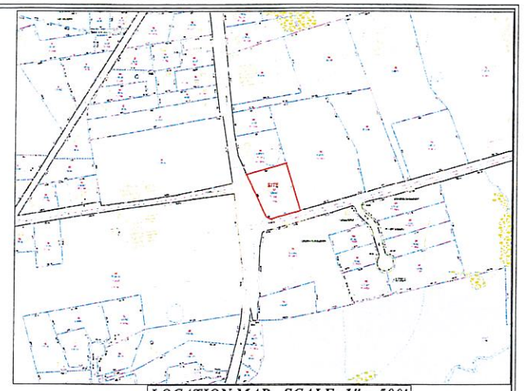
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USE 1 ROW OF GST6212 @ 10.0 FT² OF LEACHING PER LINER FT X 60' OF TRENCH = 600 FT² OF LEACHING PROVIDED (596 FT² REQUIRED)

GEOMATRIX GST™LEACHING SYSTEM
B-B' CROSS SECTION



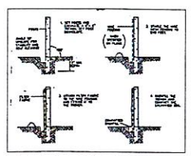




LOCATION MAP - SCALE: 1" = 500'

## ZONING COMPLIANCE CHART - ZONE: IG-2

| | REQUIRED | PROVIDED |
|---|---|---|
| MINIMUM LOT AREA | 1 ACRE | 2.247 ACRES |
| MINIMUM LOT WIDTH | 150' | 224.31' |
| FRONT YARD SETBACK | 30'(W) | 67.7'(W) |
| SIDE YARD SETBACK | 30'(N) - 40'(S) | 127.7'(N) - 118.4'(S) |
| REAR YARD SETBACK | 30'(E) | 79.1'(E) |
| MAX. BUILDING COVERAGE | 20% | 9.2% |
| MAX. BUILDING HEIGHT | 30' | SEE ARCH. PLANS |



SILT FENCE DETAIL

### CONSTRUCTION NOTES

NO CHANGE IN PLAN LOCATION OR ELEVATION SHALL BE MADE WITHOUT NOTIFYING THE ENGINEER AND THE PROPER TOWN AUTHORITY

THE ENGINEER SHALL BE NOTIFIED PRIOR TO CONSTRUCTION TO SET LOCATION AND GRADE STAKES FOR THE SUBSURFACE SEWAGE DISPOSAL SYSTEM TO INCLUDE FILL MATERIAL, SEPTIC TANK, PRIMARY LEACH SYSTEM. SIMILAR STAKING REQUIRED FOR ALL CURTAIN AND FOUNDATION DRAINS AND WELL.

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### EROSION CONTROL NOTES

GENERAL REQUIREMENTS FOR EROSION CONTROL:

A SCHEDULE OF OPERATIONS TO INCLUDE STARTING AND COMPLETION DATES FOR MAJOR DEVELOPMENT PHASES, SUCH AS LAND CLEARING AND GRADING, STREET, SIDEWALK, AND STORM SEWAGE INSTALLATION, ETC

SEEDING, SODDING, OR REVEGETATION PLANS AND SPECIFICATIONS FOR ALL UNPROTECTED OR UNVEGETATED AREAS SHALL BE IMPLEMENTED AS SOON AS POSSIBLE

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LEGEND

- DEEP TEST PIT / PERC TEST
- WETLAND FLAG
- I.P. AS NOTED
- C.H.D. MONUMENT
- SILT FENCE

# SITE PLAN

PREPARED FOR

## SCOTT ERLANDSON

432 TOWN STREET - EAST HADDAM, CONNECTICUT
SCALE 1" = 30' - DECEMBER 5, 2024

0 30' 60'

### REFERENCE NOTE

THIS SURVEY AND MAP HAVE BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-300B-1 THROUGH 20-300B-20 AND THE "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" ADOPTED FOR USE BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPTEMBER 26, 1996.

THE TYPE OF SURVEY IS "ZONING LOCATION SURVEY"

THE BOUNDARY DETERMINATION CATEGORY IS "DEPENDENT RESURVEY".

THE HORIZONTAL ACCURACY CONFORMS TO "A-2" STANDARDS

### MAP REFERENCE:

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EAST HADDAM SURVEY CONFIRMING DEED DISTANCES OF RECORD FOR A PORTION OF THE FRANK S. HUNTER ADAMO EASTATE (SECOND PIEC'E) · SCALE: 1" = 50' · AUG. 1973 - BY R.A. DUTCH, P.E., L.S.

BOUNDARY PLAN - DANIELS ROAD ESTATES - DANIELS ROAD - EAST HADDAM, CONNECTICUT - SCALE: 1" = 50' - DATE FEBRUARY 10, 2006 - REVISED THRU 9/26/06 - BY VOLLMER ASSOCIATES

### PLAN NOTES:

NORTH SHOWN PER NORTH AMERICAN DATUM OF 1983

ELEVATIONS SHOWN ARE LIDAR BASED, AND ARE ON THE NORTH AMERICAN VERTICAL DATUM OF 1988.

SEPTIC LOCATION PER SITE INVESTIGATION BY OWNER AND RECORD AS-BUILT

WETLANDS DELINEATED BY ERIC DAVISON, SOIL SCIENTIST, 11/5/24 AND LOCATED BY DUTCH & ASSOCIATES

PROPOSED BUILDING IS NOT INTENDED TO HAVE GUTTERS. A 2' "SPASH PAD" TO BE INSTALLED BELOW DRIP EDGE.

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

CHARLES R. DUTCH, L.S. — 15776 LICENSE NUMBER


DUTCH & ASSOCIATES
LAND SURVEYORS
392 SOUTH MAIN STREET, COLCHESTER, CONN.
PHONE: (860) 537-3465


JOB NO. 24-194

Traverse PC

## DEEP TEST PIT & PERC. TEST DATA

TP#1
0 - 14" FILL TOPSOIL, AND BROWN SANDY FILL WITH GRAVEL
14 - 31" LIGHT BROWN TO GREY FIRM SAND SOME GRAVEL
(LOOSE-FIRM), FILTER FABRIC AT 14"
31 - 42" SAME AS ABOVE BUT SILTY AND GREY
42 - 74" GREY FIRM SAND (LOOSE)
REDOX/MOTTLES: HEAVY AT 31" SOME AT 22" (28" PER LRC 2/21/13)
GW: 72" - LEDGE: NO - ROOTS: NO - FILTER FABRIC AT 14"
PERCOLATION RATE AT TP #1 = 10.0 MIN./IN., 28" DEEP
(PER LRC LETTER 2/21/13)

TP#2
0 - 11" TOPSOIL
11 - 30" LIGHT BROWN FINE SANDY LOAM LOOSE, SOME SILT AND GRAVEL
30 - 80" GREY SANDY TILL, VERY FIRM
REDOX/MOTTLES: 31" - GW: SEEPS AT 70" - LEDGE: NO REFUSAL-
ROOTS: MOST TO 27"
PERCOLATION RATE AT TP #2 = 8.0 MIN./IN., 24" DEEP
(PER LRC LETTER 2/21/13)

TEST PITS AS WITNESSED AND DESCRIBED BY DON MITCHELL, 2/6/13
LOCATION SHOWN AS DESCRIBED IN LETTER FROM LRC DATED 2/21/13
AND ARE THEREFORE APPROXIMATE.

HYDRAULIC FACTORS (HF)

| Rain-ing Soil Depth (Inches) | 0-5 | 6-10 | 11-15 | 16-20 | 21-25 | 26-30 | 31-35 | 36-40 | 41-45 | 46+ |
|---|---|---|---|---|---|---|---|---|---|---|
| 0-5 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |
| 6-10 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |
| 11-15 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |
| 16-20 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |
| 21-25 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |
| 26-30 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |
| 31-35 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |
| 36-40 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |
| 41-45 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |
| 46+ | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |

## B100A SEPTIC DESIGN

DAILY FLOW (PER TABLE 4):
TOTAL BUILDING AREA = 8,939 FT²
DESIGN FLOW FOR INDUSTRIAL BUILDING (PER FT²) = 0.1
8,939 FT² X 0.1 GPD = 894 GALLONS PER DAY

USE A MINIMUM 1,000 GALLON SEPTIC TANK

REQUIRED EFFECTIVE LEACHING:
DAILY FLOW = 894 GAL.
PERC. RATE = <10.1 MIN./IN
REQ. ELA = DAILY FLOW / APP. RATE (TABLE 8)
REQUIRED ELA = 894 / 1.5 = 596 FT² OF LEACHING

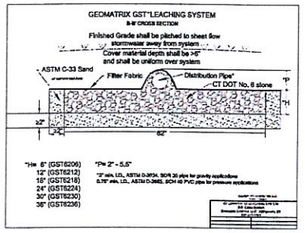
MLSS CALCULATION:
SLOPE = 11.1%
AVG. RL = 29.5
HF = 24

FLOW FACTOR = DAILY FLOW / 300
894 / 300 = 1.99

PERC FACTOR (<10.1 MIN/IN) = 1.0

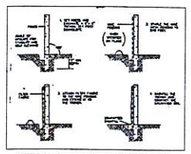
MLSS = 24 X 1.99 X 1.0 = 47.8'

USE 1 ROW OF GST6212 @ 10.0 FT² OF LEACHING PER LINER FT X
60' OF TRENCH = 600 FT² OF LEACHING PROVIDED (596 FT² REQUIRED)

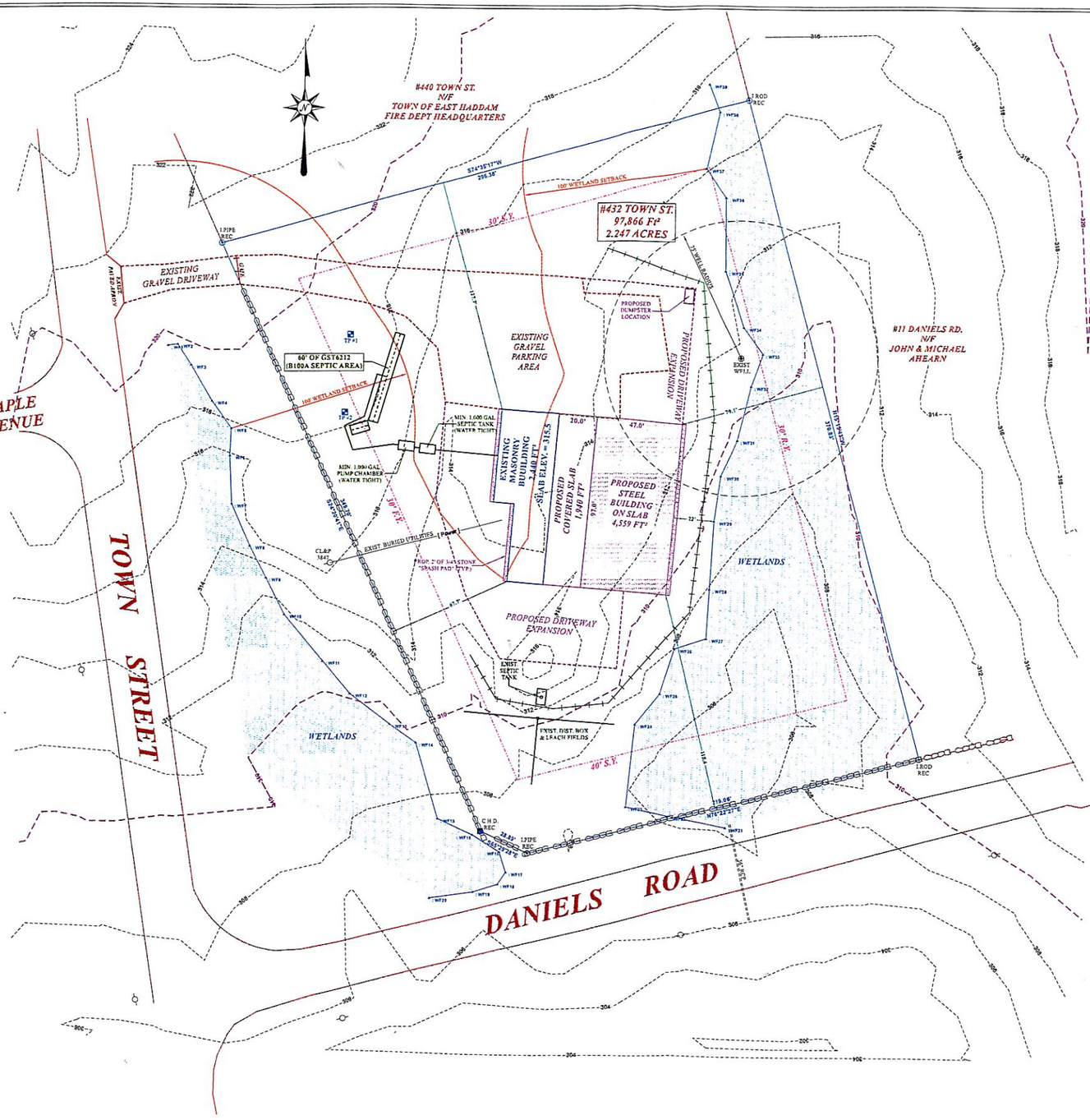


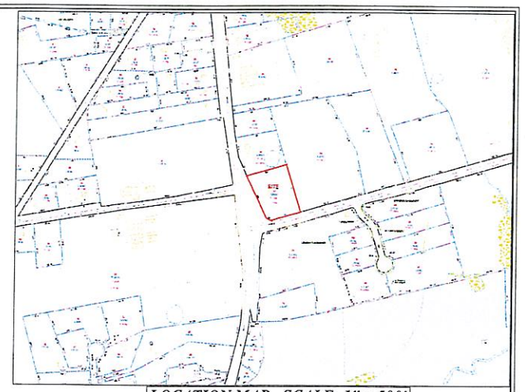

## ZONING COMPLIANCE CHART - ZONE: IG-2

| | REQUIRED | PROVIDED |
|---|---|---|
| MINIMUM LOT AREA | 1 ACRE | 2.247 ACRES |
| MINIMUM LOT WIDTH | 150' | 224.31' |
| FRONT YARD SETBACK | 30'(W) | 67.7'(W) |
| SIDE YARD SETBACK | 30'(N) - 40'(S) | 127.7'(N) - 118.4'(S) |
| REAR YARD SETBACK | 30'(E) | 79.1'(E) |
| MAX. BUILDING COVERAGE | 20% | 9.2% |
| MAX. BUILDING HEIGHT | 30' | SEE ARCH. PLANS |



SILT FENCE DETAIL



LOCATION MAP - SCALE: 1" = 500'

### CONSTRUCTION NOTES

NO CHANGE IN PLAN LOCATION OR ELEVATION SHALL BE MADE WITHOUT NOTIFYING THE ENGINEER AND THE PROPER TOWN AUTHORITY

THE ENGINEER SHALL BE NOTIFIED PRIOR TO CONSTRUCTION TO SET LOCATION AND GRADE STAKES FOR THE SUBSURFACE SEWAGE DISPOSAL SYSTEM TO INCLUDE FILL MATERIAL, SEPTIC TANK, PRIMARY LEACH SYSTEM SIMILAR GRADING REQUIRED FOR ALL CURTAIN AND FOUNDATION DRAINS AND WELL.

NO SOIL STRIPPING OR EXCAVATION SHALL BEGIN WITHIN THE AREA OF THE SUB SURFACE SEWAGE DISPOSAL SYSTEM WITHOUT A VALID CONSTRUCTION PERMIT

A LICENSED SEWAGE DISPOSAL SYSTEM INSTALLER SHALL OBTAIN A CONSTRUCTION PERMIT AND ARRANGE FOR THE SITE INSPECTION PRIOR TO CONSTRUCTION. THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THIS PLAN AND ALL APPLICABLE STATE, AND LOCAL RULES, REGULATIONS AND CODES

TOPSOIL TO BE STRIPPED AND STOCKPILED PRIOR TO ANY FILLING. SCARIFY AREA BEFORE FILLING. AVOID STRIPPED AREA WITH HEAVY VEHICLES OR WHEELS TO MINIMIZE COMPACTION. PLACE FILL AT EDGE OF PREPARED AREA AND SPREAD WITH BULLDOZER IN 6" LIFTS AND COMPACT TO 90% MAXIMUM DENSITY

SANITARIAN TO INSPECT ANY FILL OVER 24" DEEP PRIOR TO CONSTRUCTION

TRENCH BOTTOMS SHALL BE LEVEL AND SET TO FOLLOW CONTOURS OF EXISTING GRADE. TRENCH LATERALS SHALL BE LEVEL WITH PERFORATIONS DOWNWARD.

NO CONSTRUCTION BELOW ORIGINAL GRADE IN THE LEACHING SYSTEM AREA SHALL TAKE PLACE WITHIN 48 HOURS OF A RAINSTORM OR WITH STANDING PUDDLES

ALL FOOTING DRAINS, CURTAIN DRAINS AND SUBSURFACE SEWAGE DISPOSAL SYSTEM COMPONENTS SHALL BE INSPECTED BY THE TOWN AND LOCATED "AS-BUILT" BY THE ENGINEER AND SURVEYOR PRIOR TO COVERING. INSPECTION SHALL BE WITHIN 2 WORKING DAYS FOLLOWING TIMELY NOTIFICATION BY THE CONTRACTOR TO PROTECT OPEN WORK FROM SILTATION AND EROSION

ALL DISTURBED AREAS SHALL BE GRADED, LOAMED, AND SEEDED AS SOON AS POSSIBLE AFTER CONSTRUCTION. IF SEEDING CANNOT TAKE PLACE DURING THE GROWING SEASON, A TEMPORARY MULCH COVER SHALL BE PLACED AND MAINTAINED UNTIL PERMANENT COVER CAN BE ESTABLISHED

A LICENSED WELL DRILLER SHALL OBTAIN A PERMIT PRIOR TO ANY DRILLING. THE WELL SHALL BE PROVIDED IN ACCORDANCE WITH THIS PLAN AND ALL APPLICABLE STATE AND LOCAL REGULATIONS AND CODES

SATISFACTORY COMPLETION OF ALL THE ABOVE REQUIREMENTS SHALL PRECEED THE FINAL INSPECTION AND APPROVAL OF THE SUBSURFACE SEWAGE DISPOSAL SYSTEM AND WELL

### EROSION CONTROL NOTES

GENERAL REQUIREMENTS FOR EROSION CONTROL:

A SCHEDULE OF OPERATIONS TO INCLUDE STARTING AND COMPLETION DATES FOR MAJOR DEVELOPMENT PHASES, SUCH AS LAND CLEARING AND GRADING, STREET, SIDEWALK, AND STORM SEWAGE INSTALLATION, ETC

SEEDING, SODDING, OR REVEGETATION PLANS AND SPECIFICATIONS FOR ALL UNPROTECTED OR UNVEGETATED AREAS SHALL BE IMPLEMENTED AS SOON AS POSSIBLE

EXCAVATIONS , FILLS AND GRADING :

CUT AND FILL SLOPES SHALL NOT BE STEEPER THAN 3:1 UNLESS STABILIZED BY A RETAINING WALL OR CRIBBING, EXCEPT AS APPROVED BY THE COMMISSION UNDER SPECIAL CONDITIONS

ADEQUATE PROVISIONS SHALL BE MADE TO PREVENT SURFACE WATER FROM DAMAGING THE CUT FACE OF EXCAVATION OR THE SLOPING SURFACES OF FILLS

CUT AND FILLS SHALL NOT ENDANGER ADJOINING PROPERTY

FILL SHALL BE PLACED AND COMPACTED SO AS TO MINIMIZE SLIDING OR EROSION OF THE SOIL

GRADING SHALL NOT BE DONE IN SUCH A WAY SO AS TO DIVERT WATER ONTO THE PROPERTY OF ANOTHER LANDOWNER WITHOUT THE EXPRESSED CONSENT OF THAT LANDOWNER AND THE COMMISSION

FILLS SHALL NOT ENCROACH ON THE NATURAL WATERCOURSES OR CONSTRUCTED CHANNELS
DURING GRADING OPERATIONS, NECESSARY MEASURES FOR DUST CONTROL SHALL BE EXERCIZED

GRADING EQUIPMENT WILL NOT BE ALLOWED TO CROSS LIVE STREAMS EXCEPT BY MEANS OF BRIDGES AND CULVERTS OR OTHER METHODS AS APPROVED BY THE COMMISSION

IMPLEMENTATION PROCEDURES:

WHEREVER FEASIBLE, NATURAL VEGETATION SHOULD BE RETAINED AND PROTECTED

ONLY THE SMALLEST PRACTICAL AREA OF LAND SHOULD BE EXPOSED AT ANY ONE TIME DURING DEVELOPMENT

WHEN LAND IS EXPOSED DURING DEVELOPMENT, THE EXPOSURE SHOULD BE KEPT TO THE SHORTEST PRACTICAL PERIOD OF TIME

WHERE NECESSARY, TEMPORARY VEGETATION AND/OR MULCHING SHOULD BE USED TO PROTECT AREAS EXPOSED DURING DEVELOPMENT

THE PERMANENT FINAL VEGETATION AND STRUCTURES SHOULD BE INSTALLED AS SOON AS PRACTICAL IN THE DEVELOPMENT

LEGEND

- DEEP TEST PIT / PERC TEST
- WETLAND FLAG
- I.P. AS NOTED
- C.H.D. MONUMENT
- SILT FENCE

### REFERENCE NOTE

THIS SURVEY AND MAP HAVE BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-300B-1 THROUGH 20-300B-20 AND THE "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" ADOPTED FOR USE BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPTEMBER 26, 1998.

THE TYPE OF SURVEY IS "ZONING LOCATION SURVEY"

THE BOUNDARY DETERMINATION CATEGORY IS "DEPENDENT RESURVEY".

THE HORIZONTAL ACCURACY CONFORMS TO "A-2" STANDARDS

### MAP REFERENCE:

PROPERTY TO BE CONVEYED BY SHOREHAM IMPROVEMENT CO. TO TABER DE FOREST - TOWN STREET AT DANIELS ROAD - EAST HADDAM, CONN. - SCALE 1" = 60' - 1 FEB. 1963 - BY PAUL KAYE, L.S.

EAST HADDAM SURVEY CONFIRMING DEED DISTANCES OF RECORD FOR A PORTION OF THE FRANK S. HUNTER ADAMO EASTATE (SECOND PIECE) - SCALE: 1" = 50' - AUG. 1973 - BY R.A. DUTCH, P.E., L.S.

BOUNDARY PLAN - DANIELS ROAD ESTATES - DANIELS ROAD - EAST HADDAM, CONNECTICUT - SCALE: 1" = 50' - DATE FEBRUARY 10, 2006 - REVISED THRU 9/26/06 - BY VOLLMER ASSOCIATES

### PLAN NOTES:

NORTH SHOWN PER NORTH AMERICAN DATUM OF 1983

ELEVATIONS SHOWN ARE LIDAR BASED, AND ARE ON THE NORTH AMERICAN VERTICAL DATUM OF 1988.

SEPTIC LOCATION PER SITE INVESTIGATION BY OWNER AND RECORD AS-BUILT

WETLANDS DELINEATED BY ERIC DAVISON, SOIL SCIENTIST, 11/5/24 AND LOCATED BY DUTCH & ASSOCIATES

PROPOSED BUILDING IS NOT INTENDED TO HAVE GUTTERS.
A 2' "SMASH PAD" TO BE INSTALLED BELOW DRIP EDGE.

# SITE PLAN

PREPARED FOR

## SCOTT ERLANDSON

432 TOWN STREET - EAST HADDAM, CONNECTICUT
SCALE 1" = 30' - DECEMBER 5, 2024

0 30' 60'

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

CHARLES R. DUTCH, L.S. — LICENSE NUMBER 15776


DUTCH & ASSOCIATES
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