

6. ELEVATIONS ARE BASED ON VERTICAL DATUM NAVD88.

7. NORTH IS BASED ON CONNECTICUT STATE PLANE COORDINATE, NAD83 OBTAINED BY GPS OBSERVATIONS AT THE TIME OF THE SURVEY.

8. TOTAL AREA OF PROPERTY = $14.34 \pm ACRES$ (624,480 $\pm SQUARE$ FEET).

9. SITE IS LOCATED IN ZONE COMMUNITY DISTRICT, FRONT YARD SETBACK=75' SIDE AND REAR YARD SETBACK=20'.

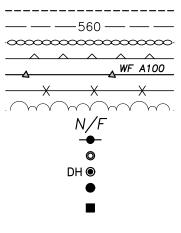
10. ON-SITE WETLAND RESOURCES WERE DELINEATED IN THE FIELD ON 09/23/2022 BY STEVEN RIBERDY OF GODDARD CONSULTING.

11. UNDERGROUND UTILITY, STRUCTURE AND FACILITY LOCATIONS DEPICTED AND NOTED HEREON HAVE BEEN COMPILED, IN PART, FROM RECORD MAPPING SUPPLIED BY THE RESPECTIVE UTILITY COMPANIES OR GOVERNMENTAL AGENCIES, FROM PAROL TESTIMONY AND FROM OTHER SOURCES. THESE LOCATIONS MUST BE CONSIDERED AS APPROXIMATE IN NATURE. ADDITIONALLY, OTHER SUCH FEATURES MAY EXIST ON THE SITE, THE EXISTENCE OF WHICH ARE UNKNOWN TO CME ASSOCIATES, INC. THE SIZE, LOCATION AND EXISTENCE OF ALL SUCH FEATURES MUST BE FIELD DETERMINED AND VERIFIED BY THE APPROPRIATE AUTHORITIES PRIOR TO CONSTRUCTION. CALL BEFORE YOU DIG 1-800-922-4455.

L	<u>EG</u>	E١	<u>1D</u>

ABUTTERS LINE EDGE OF PAVEMENT EDGE OF GRAVEL EXISTING CONTOUR STONE WALL RETAINING WALL LIMITS OF INLAND WETLANDS FENCE TREE LINE NOW OR FORMERLY UTILITY POLE BOUNDARY POINT DRILL HOLE IRON MONUMENT CONNECTICUT HIGHWAY DEPARTMENT MONUMENT(CHD)

PROPERTY LINE



DATE

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	GRAP	HIC SCALE IN	FEET	
	SUBDIV	ISION /	APPROVAL	
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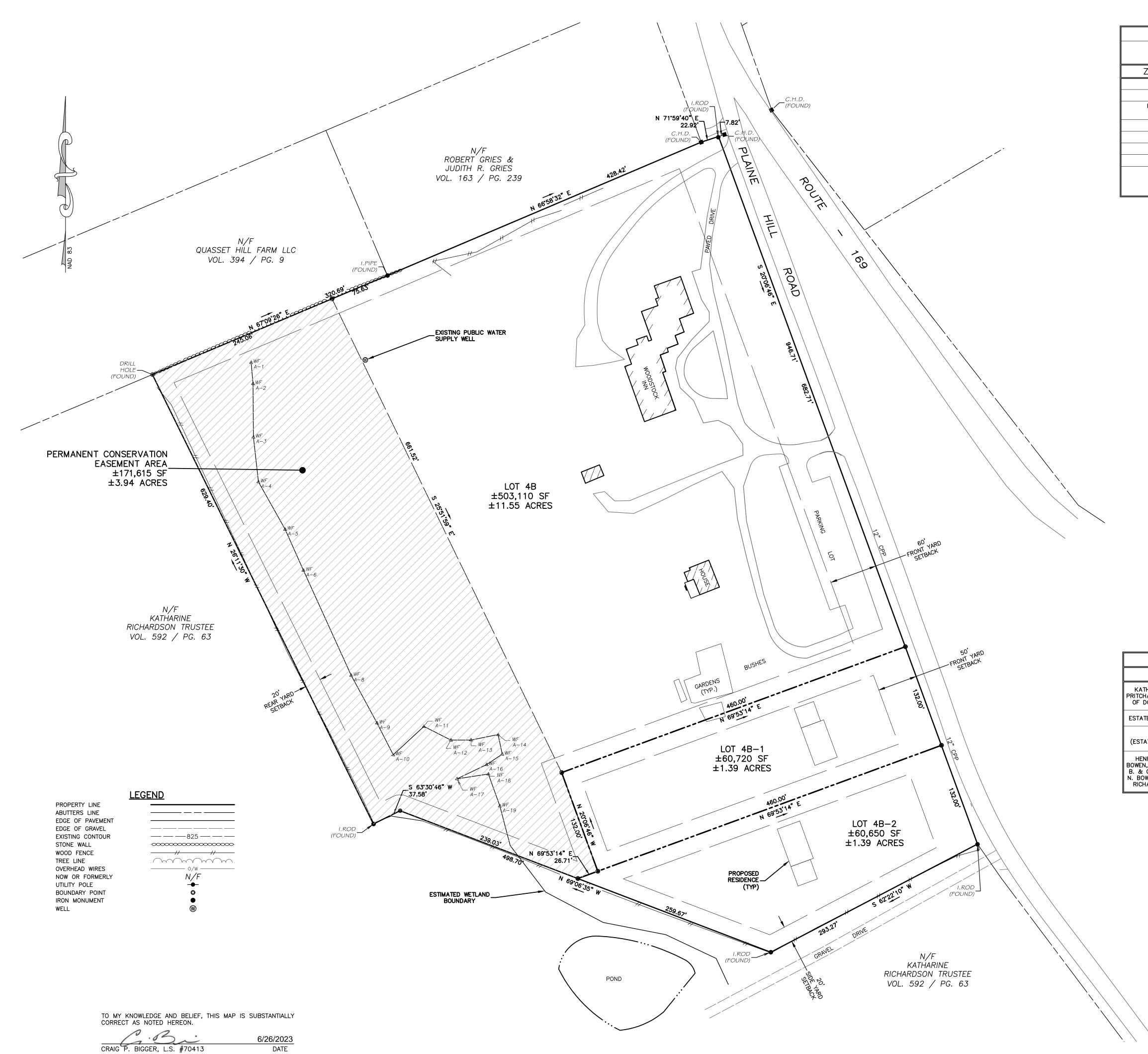
CHAIRMAN OR SECRETARY SIGNATURE

PROJECT LOCATION: 94 PLAINE HILL ROAD WOODSTOCK, CT 06268

No.	Submittal / Revision	App'd.	Ву	Date

EXISTING CONDITIONS

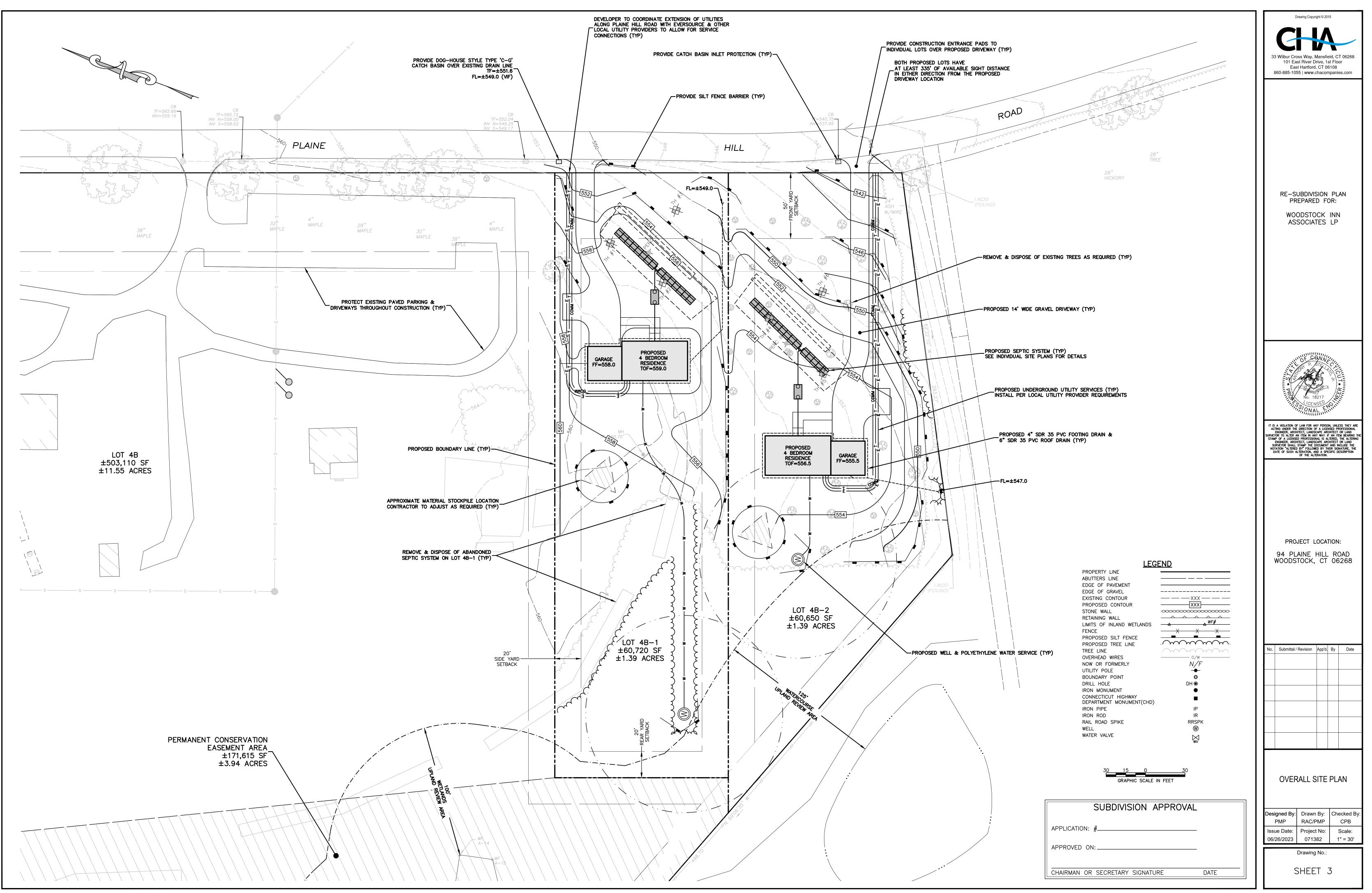
Designed By:	Drawn By:	Checked By:			
PMP	RAC/PMP	СРВ			
Issue Date:	Project No:	Scale:			
06/26/2023	071382	1" = 60'			
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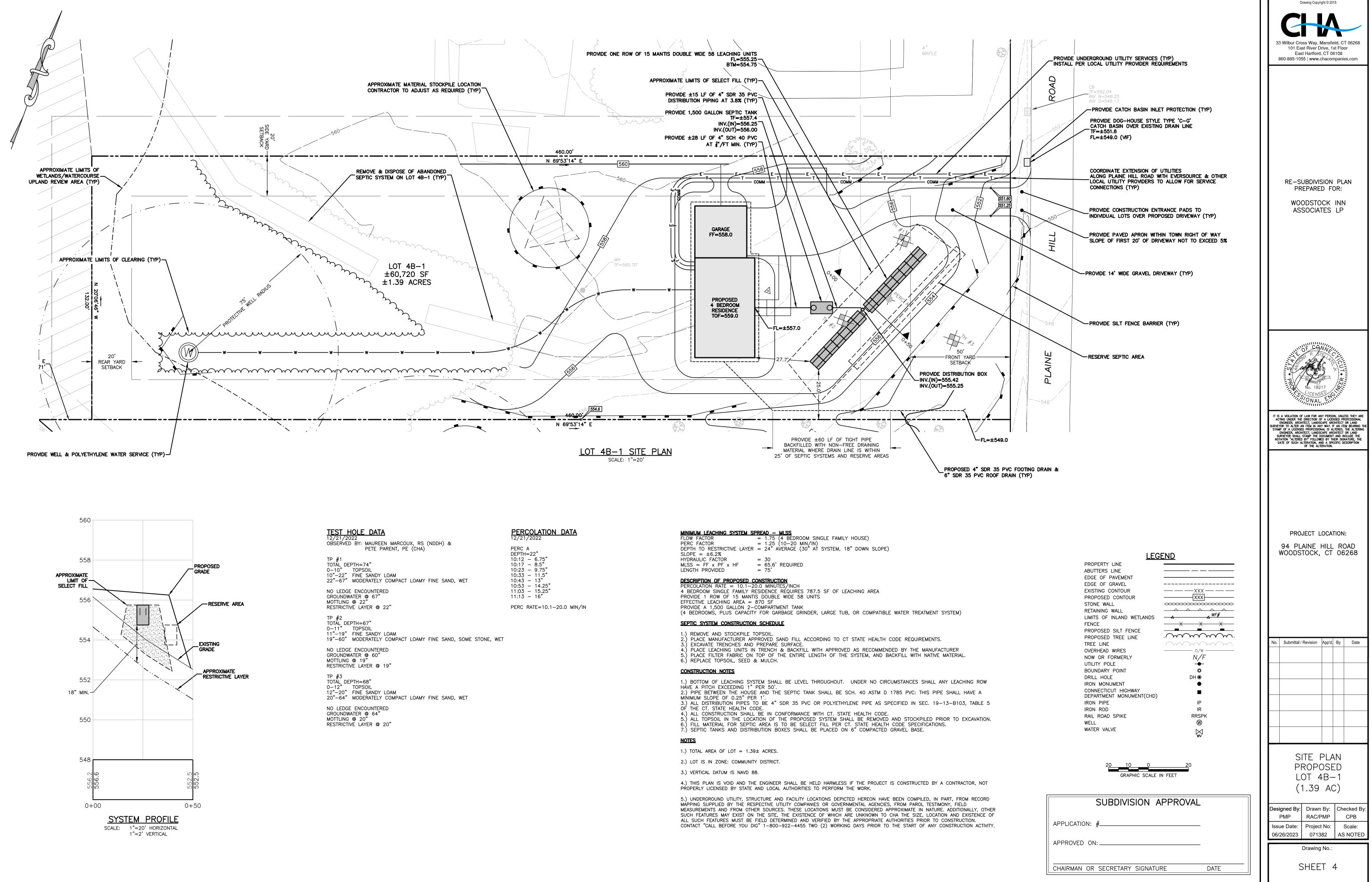


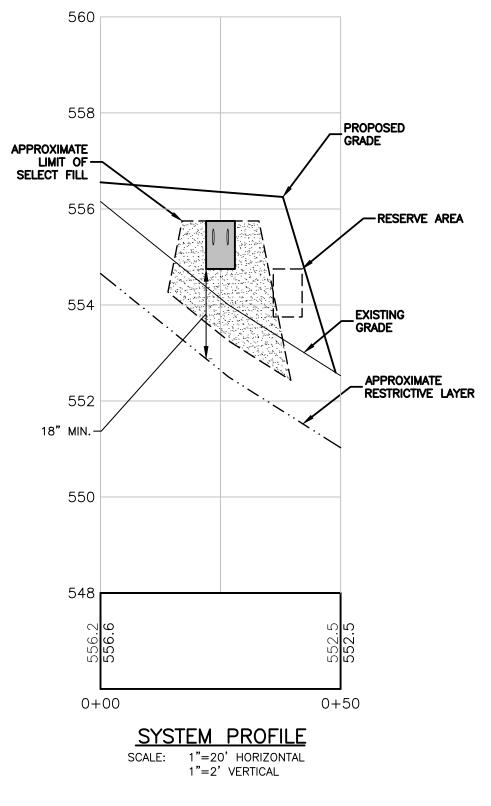
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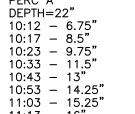
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ZONING CRITERIA	MILY RESIDENTIA REQUIRED	L RE-SUBUI	PROVIDED		Eas	t Hartford, CT 06 55 www.chacom	108
MINIMUM LOT AREA	0.75 ACRES		1.39 ACRES (LOT 4B-2)				panioo.oom
LOT FRONTAGE	100'		±132' (LOT 4B-2)				
FRONT YARD SETBACK	50' (SUBDIVISION		±75' (LOT 4B-1)				
SIDE YARD SETBACK	60' (NON-RESIDEN 20'		±28' (LOT 4B-1)	_			
REAR YARD SETBACK	20'		±88' (LOT 4b-2)				
OPEN SPACE	25% (3.59 ACRES	s)	3.94 ACRES				
BUILDING HEIGHT	35'		<35'				
CURB CUTS	1 CURB CUT PER 200' OF 946.71' EXISTING FRON PLAINE HILL ROAD, THEF CURB CUTS ARE ALL	TAGE ON REFORE 4 2	4 TOTAL CURB CUTS EXISTING & 2 PROPOSED				
MAP REFERENCES	J	I					
PLAINE HILL ROAD &	F LAND OWNED BY ESTATE ROUTE 169, WOODSTOCK. 6, BY ALBERT L. FITZBACK,	CONNECTICUT", SCAI	_E: 1"=60',		PR	JBDIVISION EPARED FC	R:
ROUTE 171 AND PLA	OWNED BY ESTATE OF DORI INE HILL ROAD, WOODSTOCH 1989, BY ALBERT L. FITZBA	K, CONNECTICUT," SO	CALE: 1"=100',			DDSTOCK SOCIATES	
CONNECTICUT STATE THE "STANDARDS FOF PREPARED AND ADOF SURVEYORS, INC. ON 2018. THE TYPE OF SURVE STANDARDS OF ACCU T-2 AND IS A RESU THIS SURVEY WAS PF SUBJECT PROPERTY. 2. THE SUBJECT PA THROUGH A CONVEYA 149, PAGE 134 OF T 3. THE SUBJECT PR No. 5781 AS LOT 4E PLAINE HILL ROAD, W 6. ELEVATIONS ARE 7. NORTH IS BASED OBTAINED BY GPS OF 8. TOTAL AREA OF F 9. SITE IS LOCATED 10. ON-SITE WETLAND 09/23/2022 BY STE 11. UNDERGROUND U NOTED HEREON HAVE SUPPLIED BY THE RE FROM PAROL TESTING CONSIDERED AS APPI MAY EXIST ON THE S SIZE, LOCATION AND DETERMINED AND VEF	S BEEN PREPARED PURSUA AGENCIES SECTIONS 20-30 R SURVEYS AND MAPS IN T TED BY THE CONNECTICUT SEPTEMBER 26, 1996 AND RACY FOR A HORIZONTAL O RVEY OF THE SUBJECT PRO REPARED TO DEPICT THE EX RCEL WAS CONVEYED TO W INCE DATED ON 4/14/1986 THE WOODSTOCK LAND RECO OPERTY IS SHOWN ON THE BOF BLOCK 50 AND HAS IN OODSTOCK, CONNECTICUT. BASED ON VERTICAL DATUM ON CONNECTICUT STATE P BSERVATIONS AT THE TIME PROPERTY = 14.34± ACRES IN THE COMMUNITY DISTRIC D RESOURCES WERE DELINE VEN RIBERDY OF GODDARD TILITY, STRUCTURE AND FAC ESPECTIVE UTILITY COMPANIE DNY AND FROM OTHER SOU ROXIMATE IN NATURE. ADDIT SITE, THE EXISTENCE OF WH EXISTENCE OF ALL SUCH F RIFIED BY THE APPROPRIATE BEFORE YOU DIG 1-800-	00b-1 THROUGH 20- THE STATE OF CONNIL ASSOCIATION OF LAND D AS AMENDED ON OF CLASS A-2 AND VER DPERTY. XISTING CONDITIONS OODSTOCK INN ASSO OODSTOCK INN ASSO GODSTOCK INN ASSO OODSTOCK INN ASSO OODSTOCK TAX AS BEEN ASSIGNED ADD I NAVD88. LANE COORDINATE, NOF THE SURVEY. S (624,480± SQUAR CT ZONE. EATED IN THE FIELD CONSULTING. CILITY LOCATIONS DEI FROM RECORD MAR S OR GOVERNMENTAR FROM RECORD MAR S OR GOVERNMENTAR TIONALLY, OTHER SUCH ARE UNKNOWN TEATURES MUST BE	-300b-20 AND ECTICUT" AS ND DCTOBER 26, RMING TO THE TICAL CLASS OF THE DCATION LP, D IN VOLUME SSESSOR MAP RESS OF 94 VAD83 E FEET). ON PICTED AND PPING AL AGENCIES, ONS MUST BE CH FEATURES TO CHA THE FIELD		ACTING UNDER THE ENGINEER, ARCHI SURVEYOR TO ALITER AI STAMP OF A LICENSE ENGINEER, ARCHI SURVEYOR SHALL NOTATION "ALITERED	LAW FOR ANY PERSON DIRECTION OF A LICEN TECT, LANDSCAPE ARCI STAMP THE DOCUMENT BY FOLLOWED BY THE TERATION, AND A SPEC OF THE ALTERATION.	SED PROFESSIONAL HITECT OR LAND AN ITEM BEARING THE IERED, THE ALTERING HITECT OR LAND AND INCLUDE THE EIR SIGNATURE, THE
					PRO	JECT LOCAT	ION:
	LOT HISTOR	Y				AINE HILL TOCK, CT	
GRANTOR	GRANTEE	DATE	VOL/PG				
THERINE BURNS, ROBERT E. HARD, PHYLLIS SMITH, ESTATE DORTHEA S. K. RICHARDSON	WOODSTOCK INN ASSOCIATES, L.P.	4/14/1986	149 / 134				
TE OF GARDNER RICHARDSON	DORTHEA S. K. RICHARDSON	9/21/1978	96 / 17				
HENRY BOWEN WHITE TATE OF HERBERT W. BOWEN)	GARDNER RICHARDSON	8/16/1949	51 / 73				
NRY E. BOWEN, EDWARD A. N, FRANKLIN A. BOWEN, MARY GEORGE C. HOLT, CLARENCE DWEN, ALICE B. & RICHARD B. HARDSON, GRACE A. HARDY	HERBERT W. BOWEN	10/14/1904	37 / 475		No. Submittal /	Revision App'd.	By Date
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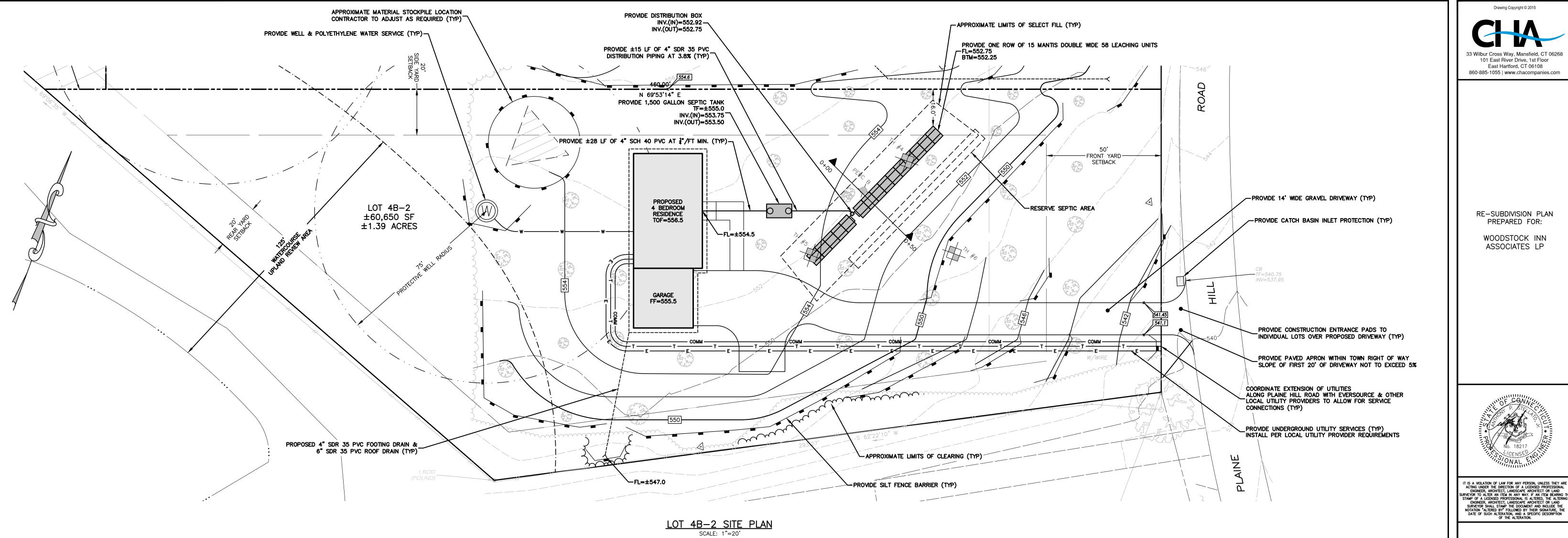
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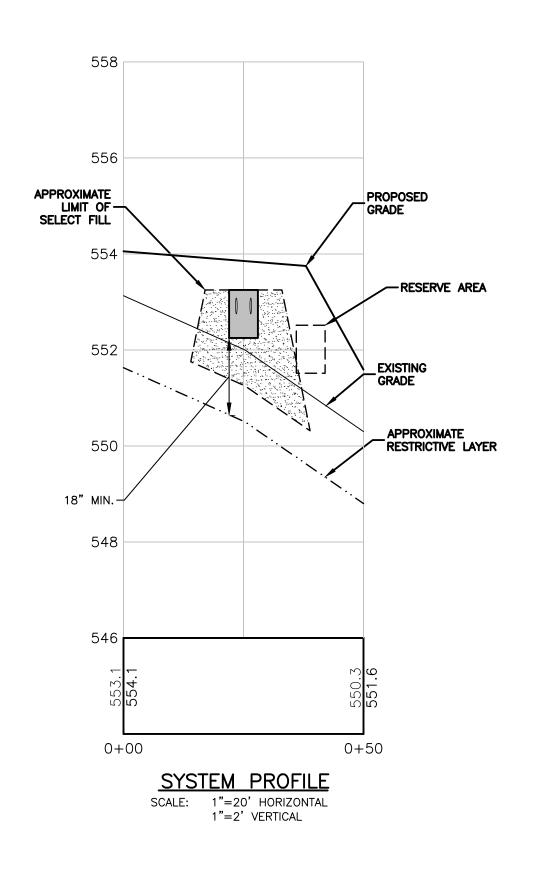












TEST HOLE DATA 12/21/2022 OBSERVED BY: MAUREEN MARCOUX, RS (NDDH) & PETE PARENT, PE (CHA)

TP #4 TOTAL DEPTH=60" 0-12" TOPSOIL 12"-20" FINE SANDY LOAM, FEW ROCKS 20"-57" MODERATELY COMPACT LOAMY FINE SAND, WET NO LEDGE ENCOUNTERED GROUNDWATER @ 57" MOTTLING @ 20" RESTRICTIVE LAYER @ 20"

TP **#**5 TOTAL DEPTH=69" 0-17" TOPSOIL 17"-29" FINE SANDY LOAM 29"-66" MODERATELY COMPACT LOAMY FINE SAND, WET NO LEDGE ENCOUNTERED GROUNDWATER @ 66"

MOTTLING @ 29" RESTRICTIVE LAYER @ 29"

TP #6 TOTAL DEPTH=60" 0–13" TOPSOIL 13"–21" FINE SANDY LOAM 21"-54" MODERATELY COMPACT LOAMY FINE SAND. WET NO LEDGE ENCOUNTERED GROUNDWATER @ 54" MOTTLING @ 21" RESTRICTIVE LAYER @ 21"

PERCOLATION DATA

PERC A DEPTH=21.5" 10:16 - 8.25" 10:22 - 11.25" 10:32 - 14.25" 10:42 - 16.5" 10:52 - 18.25" 11:02 - 19.5"	

PERC RATE=0-10.0 MIN/IN

MINIMUM LEACHING SYSTEM SPREAD - MLSSFLOW FACTOR= 1.75 (4 BEDROOM SINGLE FAMILY HOUSE)PERC FACTOR= 1.25 (10-20 MIN/IN)DEPTH TO RESTRICTIVE LAYER= 24" AVERAGE (30" AT SYSTEM, 18" DOWN SLOPE)

$SLOPE = \pm 6.2\%$ HYDRAULIC FACTOR = .30

 $MLSS = FF \times PF \times HF$ = 65.6' REQUIRED LENGTH PROVIDED = 75'

DESCRIPTION OF PROPOSED CONSTRUCTION PERCOLATION RATE = 10.1-20.0 MINUTES/INCH 4 BEDROOM SINGLE FAMILY RESIDENCE REQUIRES 787.5 SF OF LEACHING AREA

PROVIDE 1 ROW OF 15 MANTIS DOUBLE WIDE 58 UNITS EFFECTIVE LEACHING AREA = 870 SF

PROVIDE A 1,500 GALLON 2-COMPARTMENT TANK (4 BEDROOMS, PLUS CAPACITY FOR GARBAGE GRINDER, LARGE TUB, OR COMPATIBLE WATER TREATMENT SYSTEM) SEPTIC SYSTEM CONSTRUCTION SCHEDULE

1.) REMOVE AND STOCKPILE TOPSOIL PLACE MANUFACTURER APPROVED SAND FILL ACCORDING TO CT STATE HEALTH CODE REQUIREMENTS.

EXCAVATE TRENCHES AND PREPARE SURFACE.) PLACE LEACHING UNITS IN TRENCH & BACKFILL WITH APPROVED AS RECOMMENDED BY THE MANUFACTURER

) PLACE FILTER FABRIC ON TOP OF THE ENTIRE LENGTH OF THE SYSTEM, AND BACKFILL WITH NATIVE MATERIAL. 6.) REPLACE TOPSOIL, SEED & MULCH.

CONSTRUCTION NOTES

1.) BOTTOM OF LEACHING SYSTEM SHALL BE LEVEL THROUGHOUT. UNDER NO CIRCUMSTANCES SHALL ANY LEACHING ROW HAVE A PITCH EXCEEDING 1" PER 50'. 2.) PIPE BETWEEN THE HOUSE AND THE SEPTIC TANK SHALL BE SCH. 40 ASTM D 1785 PVC: THIS PIPE SHALL HAVE A MINIMUM SLOPE OF 0.25" PER 1'. 3.) ALL DISTRIBUTION PIPES TO BE 4" SDR 35 PVC OR POLYETHYLENE PIPE AS SPECIFIED IN SEC. 19-13-B103, TABLE 5

OF THE CT. STATE HEALTH CODE. 4.) ALL CONSTRUCTION SHALL BE IN CONFORMANCE WITH CT. STATE HEALTH CODE.

5.) ALL TOPSOIL IN THE LOCATION OF THE PROPOSED SYSTEM SHALL BE REMOVED AND STOCKPILED PRIOR TO EXCAVATION. 6.) FILL MATERIAL FOR SEPTIC AREA IS TO BE SELECT FILL PER CT. STATE HEALTH CODE SPECIFICATIONS. 7.) SEPTIC TANKS AND DISTRIBUTION BOXES SHALL BE PLACED ON 6" COMPACTED GRAVEL BASE.

<u>NOTES</u>

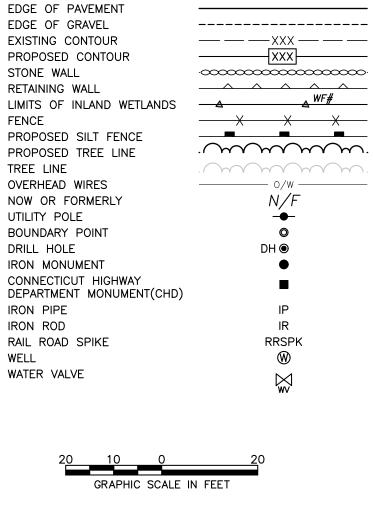
1.) TOTAL AREA OF LOT = $1.39 \pm$ ACRES.

- 2.) LOT IS IN ZONE: COMMUNITY DISTRICT.
- 3.) VERTICAL DATUM IS NAVD 88.

4.) THIS PLAN IS VOID AND THE ENGINEER SHALL BE HELD HARMLESS IF THE PROJECT IS CONSTRUCTED BY A CONTRACTOR, NOT PROPERLY LICENSED BY STATE AND LOCAL AUTHORITIES TO PERFORM THE WORK.

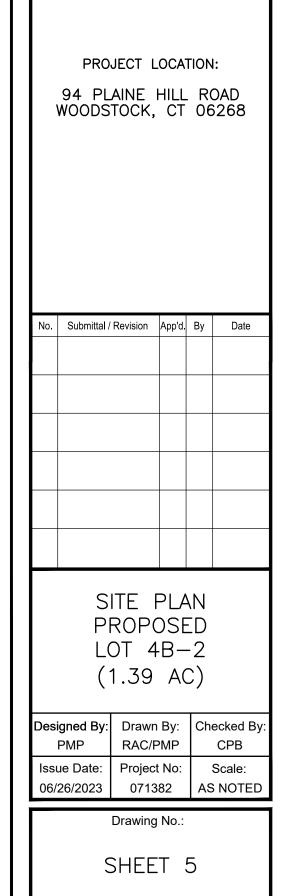
5.) UNDERGROUND UTILITY, STRUCTURE AND FACILITY LOCATIONS DEPICTED HEREON HAVE BEEN COMPILED, IN PART, FROM RECORD MAPPING SUPPLIED BY THE RESPECTIVE UTILITY COMPANIES OR GOVERNMENTAL AGENCIES, FROM PAROL TESTIMONY, FIELD MEASUREMENTS AND FROM OTHER SOURCES. THESE LOCATIONS MUST BE CONSIDERED APPROXIMATE IN NATURE. ADDITIONALLY, OTHER SUCH FEATURES MAY EXIST ON THE SITE, THE EXISTENCE OF WHICH ARE UNKNOWN TO CHA THE SIZE, LOCATION AND EXISTENCE OF ALL SUCH FEATURES MUST BE FIELD DETERMINED AND VERIFIED BY THE APPROPRIATE AUTHORITIES PRIOR TO CONSTRUCTION. CONTACT "CALL BEFORE YOU DIG" 1-800-922-4455 TWO (2) WORKING DAYS PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY.

<u>LEGEND</u> PROPERTY LINE ABUTTERS LINE EDGE OF PAVEMENT EDGE OF GRAVEL EXISTING CONTOUR PROPOSED CONTOUR STONE WALL RETAINING WALL FENCE PROPOSED SILT FENCE PROPOSED TREE LINE TREE LINE OVERHEAD WIRES NOW OR FORMERLY UTILITY POLE BOUNDARY POINT DRILL HOLE IRON MONUMENT CONNECTICUT HIGHWAY DEPARTMENT MONUMENT(CHD) IRON PIPE IRON ROD RAIL ROAD SPIKE WELL



SUBDIVISION APPROVAL

DATE



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East Hartford, CT 06108

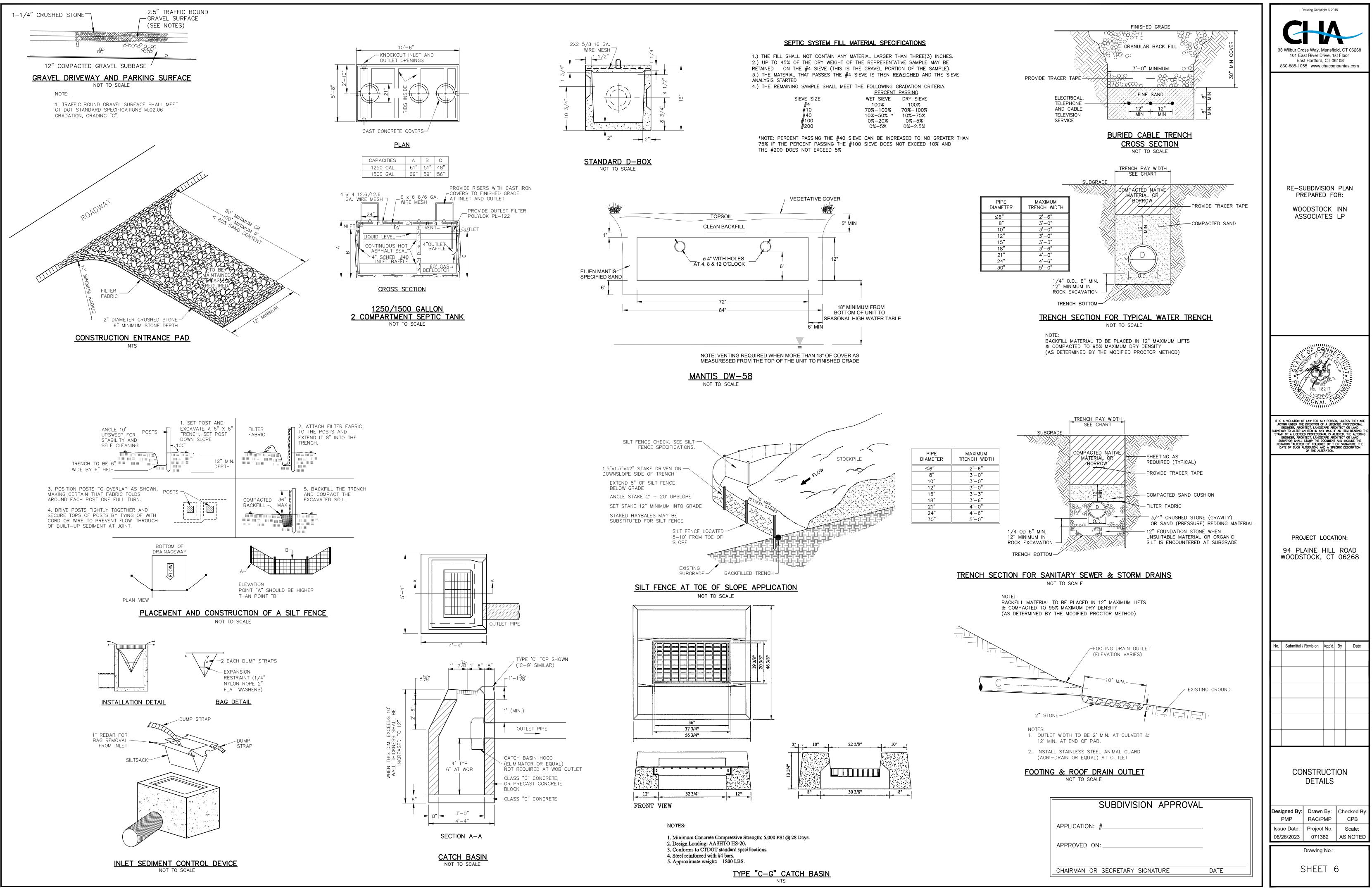
PREPARED FOR:

WOODSTOCK INN ASSOCIATES LP

APPLICATION: # APPROVED ON: _

WATER VALVE

CHAIRMAN OR SECRETARY SIGNATURE



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PROJECT NARRATIVE

THIS PROJECT CONSISTS OF THE CONSTRUCTION OF 2 NEW SINGLE FAMILY HOMES ON ±14.3 ACRES IN THE TOWN OF WOODSTOCK, CONNECTICUT. THE LOCATION OF THE SITE IS ON THE WEST SIDE OF PLAINE HILL ROAD JUST SOUTH OF THE INTERSECTION OF ROUTE 169. THIS PROJECT WILL CONSIST OF RESIDENTIAL HOMES, DRIVEWAYS, AND UNDERGROUND UTILITIES.

IT IS ANTICIPATED THAT APPROXIMATELY 1.5 ACRES OF THE ±14.3 ACRE SITE WILL BE DISTURBED DURING THE CONSTRUCTION OF THE SUBDIVISION.

INDIVIDUAL LOTS WILL BE DEVELOPED AS THEY ARE PURCHASED. THE DATES FOR STARTING AND COMPLETING CONSTRUCTION SHALL COINCIDE WITH THE ABILITY TO VEGETATE AREAS, APRIL 1 THROUGH JUNE 15 AND AUGUST 15 THROUGH OCTOBER 1.

THIS PROJECT REQUIRES THE FOLLOWING PERMITS: TOWN OF WOODSTOCK INLAND WETLANDS & WATERCOURSES APPROVAL TOWN OF WOODSTOCK SUBDIVISION APPROVAL NORTHEAST DISTRICT DEPARTMENT OF HEALTH APPROVAL ZONING PERMIT FOR INDIVIDUAL LOTS BUILDING PERMITS FOR INDIVIDUAL LOTS

CONSTRUCTION SEQUENCE FOR INDIVIDUAL LOTS

- A. STAKEOUT LIMIT OF DISTURBANCE.
- B. HOLD A PRECONSTRUCTION MEETING.
- C. CONTACT "CALL BEFORE YOU DIG" AT 1-800-922-4455 TWO (2) WORKING DAYS PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY.
- D. INSTALL THE CONSTRUCTION ENTRANCE.
- E. INSTALL PERIMETER FILTER (SILT FENCE),
- F. PERFORM ALL NECESSARY CLEARING AND GRUBBING OPERATIONS.
- G. EXCAVATE ALL STUMPS LOCATED IN STRUCTURAL AREAS AND REMOVE TO A DISPOSAL SITE OR STOCKPILE AREA TO BE CHIPPED. STUMPS IN NON-STRUCTURAL AREAS MAY BE GROUND IN PLACE OR CUT FLUSH WITH THE GROUND LEVEL.
- STRIP ALL TOPSOIL WITHIN THE FOOTPRINT OF THE CONSTRUCTION SITE. STOCKPILE ALL TOPSOIL IN AN APPROVED AREA AND SECURE WITH EROSION AND SEDIMENT CONTROLS.
- I. ROUGH GRADE LOT AND DRIVEWAY.
- J. DIG FOUNDATION AND STOCKPILE MATERIAL AS REQUIRED.
- K. PRIOR TO INSTALLATION OF SURFACE WATER CONTROLS SUCH AS TEMPORARY DIVERSIONS AND STONE DIKES, INSPECT EXISTING CONDITIONS TO ENSURE DISCHARGE LOCATIONS ARE STABLE. IF NOT STABLE, REVIEW DISCHARGE CONDITIONS WITH THE DESIGN ENGINEER AND IMPLEMENT ADDITIONAL STABILIZATION MEASURES PRIOR TO INSTALLING WATER SURFACE CONTROLS.
- L. STABILIZE CUT AND FILL SLOPES.
- M. INSTALL SERVICE UTILITIES.
- N. FINISH GRADE DRIVEWAY.
- 0. PLACE TOPSOIL WHERE REQUIRED.
- P. FINISH GRADE SIDE SLOPES, SEED AND MULCH.
- Q. CONSTRUCT FOUNDATION AND ERECT STRUCTURES.
- R. UPON SUBSTANTIAL COMPLETION OF THE BUILDING, COMPLETE THE BALANCE OF SITE WORK AND STABILIZATION OF ALL OTHER DISTURBED AREAS.
- S. ALL REMAINING EXPOSED AREAS SHALL BE LOAMED, SEEDED AND MULCHED OR
- SODDED WITHIN 14 DAYS OF FINAL GRADING. T. AFTER SITE IS FULLY STABILIZED REMOVE & DISPOSE OF TEMPORARY EROSION AND SEDIMENT CONTROLS.

NOTE: SEVERAL OF THE ABOVE ACTIVITIES MAY BE DONE SIMULTANEOUSLY.

HOUSE SITE DEVELOPMENT

- A. PLOT PLANS FOR EACH INDIVIDUAL LOT SHALL BE SUBMITTED TO THE ZONING ENFORCEMENT OFFICER & BUILDING OFFICIAL FOR REVIEW IN ACCORDANCE WITH THE TOWN REGULATIONS. A ZONING PERMIT MUST BE OBTAINED PRIOR TO APPLICATION FOR A BUILDING PERMIT.
- B. PLOT PLANS FOR EACH LOT SHALL INDICATE PROPOSED SEDIMENTATION AND EROSION CONTROLS AND ALSO THE PROPOSED HOUSE LOCATION, LOT GRADING, LIMIT OF TREE CLEARING, DRIVEWAY DESIGN, SANITARY SEWER LOCATION AND SITE DRAINAGE.
- C. TOE OF SLOPE SEDIMENTATION FILTERS SHALL BE INSTALLED PRIOR TO LAND DISTURBING ACTIVITIES.
- TOPSOIL AND EXCAVATED SUBSOIL FROM THE FOUNDATION AREA SHOULD BE STOCKPILED WITHIN THE AREA OF DISTURBANCE IF NOT USED FOR ON SITE RE-GRADING. EACH STOCKPILE MUST BE ADEQUATELY RINGED WITH SILT FENCE.
- ALL DISTURBED AREAS SHALL BE STABILIZED IMMEDIATELY UPON COMPLETION OF ROUGH GRADING.

SEEDING SPECIFICATIONS

- A. IF GROUND HAS BEEN PREVIOUSLY MULCHED, MULCH MUST BE REMOVED OR ADDITIONAL NITROGEN MUST BE ADDED.
- REMOVE ALL SURFACE STONES 2" OR LARGER AS WELL AS ALL DEBRIS SUCH AS WIRE, CABLE, TREE ROOTS, PIECES OF CONCRETE, CLODS, CLUMPS, OR OTHER UNSUITABLE MATERIAL.
- APPLY FERTILIZER AT 7.5 POUNDS PER 1,000 SQUARE FEET AND LIME AT 200 C. POUNDS PER 1,000 SQUARE FEET UNLESS SOIL TESTING FOR REQUIREMENTS IS PERFORMED.
- D. NO MOWING IS TO BE UNDERTAKEN UNTIL THE MAJORITY OF THE VEGETATION IS AT LEAST 6" HIGH. MOWING SHOULD CUT THE TOP 1/3 OF VEGETATION. DO NOT UNDER ANY CIRCUMSTANCES CUT VEGETATION BELOW 3".
- E. DO NOT APPLY ANY FORM OF WEED CONTROL UNTIL GRASS HAS BEEN MOWED AT LEAST 4 TIMES.
- THESE SEEDING MEASURES ARE NOT TO BE USED ON SLOPES IN EXCESS OF 2:1 F. GRADING.
- PERMANENT SEEDING MEASURES ARE TO BE USED INSTEAD OF TEMPORARY SEEDING MEASURES WHERE WORK IS TO BE SUSPENDED FOR A PERIOD OF TIME LONGER THAN 1 YEAR.
- H. IF THERE IS NO EROSION, BUT SEED SURVIVAL IS LESS THAN 100 PLANTS PER SQUARE FOOT AFTER 4 WEEKS OF GROWTH, RE-SEED AS PLANTING SEASON ALLOWS.
- ALL DISTURBED AREAS OUTSIDE THE PAVEMENT AREA, WITHIN AND OUTSIDE THE ROAD RIGHT OF WAY, SHALL BE RESTORED IN ACCORDANCE WITH THE CITY/TOWN SUBDIVISION REGULATIONS.

EROSION AND SEDIMENTATION CONTROL NARRATIVE & NOTES

EROSION & SEDIMENT CONTROL OPERATIONS AND MAINTENANCE

- A. EROSION AND SEDIMENTATION CONTROL AND RESTORATION MEASURES SHALL CONFORM TO THE "2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENTATION CONTROL". PUBLISHED BY THE CONNECTICUT COUNCIL OF SOIL AND WATER CONSERVATION AND THE CONNECTICUT DEPARTMENT OF ENVIRONMENTAL PROTECTION; AND TO CITY/TOWN REGULATIONS.
- B. INSTALLATION OF SEDIMENT AND EROSION CONTROLS SUCH AS SILT FENCES SHALL BE ESTABLISHED PRIOR TO COMMENCING ANY LAND DISTURBANCE ACTIVITIES.
- C. ALL STOCKPILED MATERIAL SHALL BE RINGED WITH SILT FENCES. ANY MATERIAL TO BE STOCKPILED LONGER THAN 14 DAYS SHALL BE STABILIZED WITH TEMPORARY SEEDING OR JUTE NETTING.
- D. SILT FENCE SHALL BE PLACED 5-10 FEET FROM THE TOE OF ALL CRITICAL SLOPES AS SHOWN ON THE PLAN. THESE SHALL BE CHECKED BY THE CONTRACTOR REGULARLY AND REPAIRED WHENEVER THEY FAIL TO ENSURE CLEAN RUN-OFF FROM THE SITE.
- E. ADDITIONAL CONTROL MEASURES IF REQUESTED BY THE CITY/TOWN SHALL BE INSTALLED IMMEDIATELY UPON REQUEST.
- F. ALL DISTURBED AREAS SHALL BE PROTECTED WITH A MINIMUM VEGETATION COVER AS SHOWN IN ACCOMPANYING CHART.
- G. THE CONTRACTOR SHALL PLAN ALL LAND DISTURBING ACTIVITIES IN A MANNER AS TO MINIMIZE THE EXTENT OF THE DISTURBED AREAS.
- H. THE CONTRACTOR SHALL MAKE DAILY INSPECTIONS OF THE SITE TO INSURE EFFECTIVENESS OF EROSION AND SEDIMENTATION CONTROL MEASURES AND WILL IMMEDIATELY MAKE NECESSARY REPAIRS IF REQUIRED BY THE CITY/TOWN.
- I. ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSPECTED AT A MINIMUM OF ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL AMOUNT OF 0.1 INCHES OR GREATER TO DETERMINE MAINTENANCE NEEDS.
- J. ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE REPLACED WITHIN 24 HOURS OF AN OBSERVED FAILURE.
- K. ALL CONSTRUCTION TRAFFIC SHALL ENTER AND LEAVE BY THE DESIGNATED ENTRANCE. THIS ENTRANCE SHALL BE CONSTRUCTED OF CRUSHED STONE TO HELP FREE TIRES OF SOIL WHEN LEAVING THE SITE. THE CONTRACTOR SHALL INSTRUCT ALL VEHICLE DRIVERS TO CLEAN SOIL MATERIAL FROM TIRES IN FRONT OF THE SITE. ALL SOIL, MISCELLANEOUS DEBRIS, OR OTHER MATERIAL SPILLED, DUMPED OR OTHERWISE DEPOSITED ON PUBLIC STREETS, HIGHWAYS, SIDEWALKS OR OTHER PUBLIC THOROUGHFARES DURING TRANSIT TO OR FROM THE SITE SHALL BE REMOVED PROMPTLY.
- L. THE CONTRACTOR HEREBY ACKNOWLEDGES HIS RESPONSIBILITY TO INSTALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES ON THIS SITE AND THAT HIS FAILURE TO INSTALL AND MAINTAIN THESE DEVICES COULD RESULT IN FINES OR SUSPENSION OF WORK BY THE CITY/TOWN.
- M. MINIMIZE OR ELIMINATE ANY UNNECESSARY LAND DISTURBANCE OR CLEARING.

SILT FENCE SPECIFICATIONS

- A. SYNTHETIC FILTER FABRIC SHALL BE A PERVIOUS SHEET OF PROPYLENE, NYLON, POLYESTER, ETHYLENE, OR SIMILAR FILAMENTS AND SHALL BE CERTIFIED BY THE MANUFACTURER OR SUPPLIER AS CONFORMING TO THE FOLLOWING MINIMUM REQUIREMENTS: 1. FILTERING EFFICIENCY 75 PERCENT (MIN) 2. GRAB TENSILE STRENGTH 100 POUNDS 3. ELONGATION AT FAILURE 15 PERCENT 4. MULLEN BURST STRENGTH 250 POUNDS PER SQUARE INCH 50 POUNDS 5. PUNCTURE STRENGTH 6. APPARENT OPENING SIZE 0.60mm< X <0.90mm 7. FLOW RATE 0.2 GALLONS PER SQUARE FOOT PER MINUTE 8. PERMITTIVITY 0.05 PER SECOND (MIN) 9. ULTRAVIOLET RADIATION STABILITY 70 PERCENT AFTER 500 HOURS OF EXPOSURE (MIN)
- B. STAKES ARE TO BE MADE OUT OF HARDWOOD WITH A MINIMUM CROSS SECTIONAL AREA OF 1.5 SQUARE INCHES OR STEEL POSTS WITH A MINIMUM WEIGHT OF 0.5 POUNDS PER LINEAR FOOT.
- C. TORN OR PUNCTURED GEOTEXTILES SHALL NOT BE USED.
- D. ON SLOPES WHERE SURFACE FLOW FOLLOWS THE SILT FENCE LINE. PERPENDICULAR SILT FENCE CHECKS SHALL BE INSTALLED AT 50 FOOT INTERVALS.
- E. LINES OF SILT FENCE SHOULD FOLLOW CONTOUR LINES 5-10 FEET DOWN GRADIENT FROM THE SLOPE. WHERE CONTOUR LINES CAN NOT BE FOLLOWED PERPENDICULAR WINGS SHOULD BE PLACED AT 50 FOOT INTERVALS.

SUGGESTED SEEDING MIXTURES AND PRACTICES

AREAS WHERE SEED MIX APPLIES	SEEDING MIXTURES BY WEIG	RATE PER HT 1,000 SQ. FT	SEEDING DATES		
ALL LAWN AREAS	KENTUCKY BLUEGRASS	45% 1 LBS. 45% 10%	APRIL 1 – JUNE 15 OR AUG. 15 – OCT. 1		
ROAD CUTS, FILLS, DIVERSION DITCHES, & STORMWATER BASINS	REDTOP	47% 0.95 LBS. 6% 47%	APRIL 1 — JUNE 15 OR AUG. 15 — OCT. 1		
WHERE TREES ARE TO BE RETAINED, THE SEED MIXTURE SHOULD BE ADAPTED FOR SHADY CONDITIONS.					

ANNUAL RYEGRASS OR 1-1/2 LBS. PERENNIAL RYEGRASS

TEMPORARY SEEDING

WITHIN 7 DAYS AFTER SUSPENSION OF GRADING WORK

(NAVD88)

- CONSTRUCTION.

GENERAL NOTES

1. ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988

2. INLAND WETLAND BOUNDARIES WERE REVIEWED IN THE FIELD BY SARAH BERRYMAN CERTIFIED SOILS SCIENTIST.

3. ALL UTILITIES SHALL BE APPROVED BY LOCAL UTILITY COMPANIES PRIOR TO CONSTRUCTION; ALL UTILITIES SHALL BE CONSTRUCTED TO UTILITY COMPANY SPECIFICATIONS.

4. ALL CONSTRUCTION SHALL BE TO CITY/TOWN SPECIFICATIONS & REGULATIONS. 5. NO CHANGES CAN BE MADE TO THESE PLANS WITHOUT THE CITY/TOWN ENGINEER'S APPROVAL.

6. CONTRACTOR SHALL OBTAIN ALL REQUIRED LOCAL & STATE PERMITS PRIOR TO BEGINNING ANY CONSTRUCTION.

7. FIELD CHANGES SHALL HAVE PRIOR APPROVAL OF THE CITY/TOWN ENGINEER. 8. ALL SEPTIC SYSTEMS & HOUSES SHALL BE LOCATED A MINIMUM OF 50' FROM INLAND WETLANDS.

9. CONTRACTOR SHALL NOTIFY THE CITY/TOWN ENGINEER OF CONSTRUCTION SCHEDULE SO THAT INSPECTION MAY BE PROVIDED.

10. UNDERGROUND UTILITY, STRUCTURE AND FACILITY LOCATIONS DEPICTED ON PLANS HAVE BEEN COMPILED, IN PART, FROM RECORD MAPPING SUPPLIED BY THE RESPECTIVE UTILITY COMPANIES OR GOVERNMENTAL AGENCIES, FROM PAROL TESTIMONY, FIELD MEASUREMENTS AND FROM OTHER SOURCES. THESE LOCATIONS MUST BE CONSIDERED APPROXIMATE IN NATURE. ADDITIONALLY, OTHER SUCH FEATURES MAY EXIST ON THE SITE, THE EXISTENCE OF WHICH ARE UNKNOWN TO CHA THE SIZE, LOCATION AND EXISTENCE OF ALL SUCH FEATURES MUST BE FIELD DETERMINED AND VERIFIED BY THE APPROPRIATE AUTHORITIES PRIOR TO

11. CONTACT "CALL BEFORE YOU DIG" AT 1-800-922-4455 TWO (2) WORKING DAYS PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY.

> PERSON RESPONSIBLE FOR MAINTAINING CONTROL MEASURES DURING CONSTRUCTION.

NAME

ADDRESS

TELEPHONE #

MAINTENANCE LOG

LOCATION	DESCRIPTION	DATE	INITIALS
PROJECT DATES		DATE	INITIALS

FINAL STABILIZATION

PROJECT GROUNDBREAKING

SUBDIVISION APPROVAL

DATE

APPLICATION: #____

APPROVED ON: ____

CHAIRMAN OR SECRETARY SIGNATURE

