

# SITE LOCATION MAP

### NOTE: BEARINGS & COORDINATES REFER TO NAD 83 DATU

CONTOURS TAKEN FROM ACTUAL FIELD SURVEY.

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

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

PORTIONS OF THE PROPERTY ARE IN FEMA FLOOD ZONE AS SHOWN ON FEMA FLOOD INSURANCE RATE MAP 09003C0529F EFFECTIVE 8-26-2008.

REFERENCE MADE TO MAPS TITLED:

"SITE PLAN PREPARED FOR PATRONS MUTUAL INSURANCE CO. GLASTONBURY, CONN." DATE: 1-27-88 REV. 6-7-88, REV. 7-21-88, REV. 9-1-88, REV. 10-24-88, REV. 9-1-89, REV. 1-18-89, REV. 9-18-89, REV. 1-18-89, REV. 9-18-89, REV. 1-18-89, REV. 9-18-89, REV. 1-18-89, R

"TOWN OF GLASTONBURY MAP SHOWING LAND ACQUIRED FROM PROVISION STATE INSURANCE COMPANY BY THE STATE OF CONNECTICUL HEBRON AVENUE ROUTE 94 MERGVEMENTS" SCALE 1"4-40" DATE: NOVEMBER 1989 TOWN NO. 53 PROJECT NO. 53-155 SERIAL NO. 124 SHEET 1 OF 1,

"TOWN OF GLASTONBURY MAP SHOWING LAND ACQUIRED FROM PROVISION STATE INSURANCE COMPANY BY THE STATE OF CONNECTICUT HEBRON AVENUE ROLLE 94 IMPROVEMENTS" SCALE: 1"+40" DATE AUGUST 1988 TOWN NO. 53 PROJECT NO. 53-155 SERIAL NO. 12 SHEET 1 OF 1,

\*TONN OF GLASTINEERS\* YAP SHORNED LAND ACQUIRED TROM FORMA POWER SYSTIMS, LLG VITE STATE OF CONNECTICAL TOPERATIONS OF TRANSPORTATION RECPLACIDENT BRIDGE NO. 05608 EASTER BOULEVARD OVER SALMON BROCK SCALE; 17–20° DATE: AUDIST 2016\* DATE 12–22–2010 REV. 8–20–16, REV. 8–31–16, REV. 10–28–16 TOWN NO. 0531 PROJECT NO. 0530–0608 SERRAN NO. 2 SWEET 10–32–34

"PLOT PLAN PREPARED FOR C & W MANUFACTURING CO. GLASTONBURY, CONN." SCALE: 1"-80" DATE: 10-17-75 BY LUCHS & BECKERMAN DIVIL ENGINEERS-PLANNERS-LAND SURVEYORS GLASTONBURY, CONN.

# THIS MAP IS NOT VALID IF MODIFIED IN ANY WAY AND/OR DOES NOT BEAR THE EMBOSSED SEAL OF THE UNDERSIGNED.

NO ZONING VIOLATIO

TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON. THIS SUBVEY WAS PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE. AGENCIES SECTION 20–3006–1 THROUGH 20–3006–20 AND THE "STANDARDS AND SUGGESTED METHODS AND PROCEDURES FOR SURVEYS AND MAPS IN THE THE STATE OF CONNECTICUT SUSED COTOSER 26, 2018 AND AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON AUGUST 29, 2019.

TYPE OF SURVEY ZONING LOCATION SURVEY BOUNDARY DETERMINATION CATEGORY: RESURVEY CLASS OF ACCURACY: A-2



THESE GUIDELINES SHALL APPLY TO ALL WORK CONSISTING OF ANY AND ALL TEMPORARY AND/OR PERMANENT MEASURES TO CONTROL WATER GENERAL POLLUTION AND SOIL EROSION AS MAY SE REQUIRED, CURRING THE CONSTRUCTION OF THE PROJECT.

THE POINT OF ACCESS TO THE SITE SHALL BE WELL DEPINED,

### BOALS OF THE EASOP

- . PREVENT EROSION INTO SALMON BROOK
- . STABILIZE STREAMBANK EROSION

THIS PROJECT CONSISTS OF THE STAILLZATION OF SO LINEAR FEET OF STREAMBANK EROSION ALONG SALMON BROCK. STE DISTURBANCE WILL BE MIMMAL AND WILL CONSIST OF INSTALLATION OF STANDARD RIP RAP ARMODING.

### SITE DISTURBANCE

1145 SITE WILL HAVE A DISTURBED AREA OF APPROXIMATELY 450 SQUARE FEET

### SITE SPECIFIC EROSION AND SECREPATATION ISSUES

PREVENT SEDMENTATION IN SALMON BROOK. INSTALL RIP RAP IN PERIODS OF LOW FLOW, INSTALL A COFFERDAM WITHIN SALMON BROOK AND ALL WORK SHALL OCCUR ON THE DRY SIDE OF THE COFFERDAM.

THE ENTIRE CONSTRUCTION IS EXPECTED TO TAKE APPROXIMATELY 2-3 DAYS.

## CONSTRUCTION SEQUENCE

- 2. DEWATER WORK AREA
- 4. INSTALL RIP RAP ARMORNO
- 5. REMOVE COPPERDAM
- B. LOAM AND SEED TOP OF SLOPE

- THE RESHAPING OF THE GROUND SURFACE BY EXCAVATION AND FILLING OR A COMMINATION OF BOTH, TO CHIEFAN PLANNED GRADES SHALL PROCEED IN ACCORDANCE WITH THE FOLLOWING BASIC CRITERIA.
- THE OUT FACE OF EARTH EXCAVATION SHALL NOT BE STEEPER THAN TWO HORIZONTAL TO ONE VERTICAL (2-1).
- THE PERMANENT EXPOSED FACES OF FILLS SHALL NOT BE STEEPER THAN TWO MORIZONTAL TO ONE VERTICAL (2:1).
- C) THE CUT PACE OF ROCK EXCAVATION SHALL NOT BE STEEPER THAN ONE HORIZONTAL TO FOUR VERTICAL (1:4).
- D) NO FILL SHOULD BE PLACED WHERE IT WILL SLIDE, OR WASH UPON THE PREMISES OF ANOTHER OWNER OR UPON ADJACENT NETLANDS, WATERCOURSE OR WATERCOOK.
- E) INSTALLATION OF SEDMENT AND EXCESSION CONTROLS SUCH AS HAY BALES AND SILT FENCES SHALL BE ISTAINISHED PRIOR TO COMMERCING LAND DISTURBANCE ACTIVITIES. ALL SEDMENT AND ENGINEN CONTROL STRUCTURES MUST BE MONITORED AND MAINTAINED BY THE CONTRACTOR (MYTL, THE SQL SURFACE IS STABILIZED.
- F) IF NECESSARY, LATERAL WATER DIVERSIONS SHALL BE INSTALLED ACROSS THE GRADED ROADWAY TO PREVENT DOWNSLOPE OUTWASH AND EROSION.
- HAY BALES SHALL BE STAKED AND SLT FENCES SHALL BE PROPERLY SECURED. SEDIMENT WILL BE REMOVED FROM ALL CATCHWENTS AS NECESSARY.
- H) PRIOR TO ANY REGRADING, STONE APRON SHALL BE PLACED BY THE ENTRANCE TO THE WORK AREA IN ORDER TO REDUCE MIJD AND OTHER SEDIMENTS FROM LEAVING THE SITE.
- PROVISIONS SHOULD BE MADE TO CONDUCT SURFACE WATER SAFELY TO STORM DRAINS, TO PREVENT SURFACE RUNDEF FROM DAMAGING OUT FACES AND FILL SLOPES.
- J) EXCAVATIONS SHOULD NOT BE WADE SO CLOSE TO PROPERTY LINES AS TO EMBANGER ADJOING PROPERTY WITHOUT PROTECTING SUCH PROPERTY FROM EROSION, SLIDING, SETTLING OR CRADIONS.

## EROSION CHECKS

- 1. BALES SHALL BE PLACED IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
- 2. EACH BALE SHALL BE EMBEDDED INTO THE SOIL A MINIMUM OF FOUR (4") INCHES.
- BALES SHALL BE SECURELY ANCHORED IN PLACE BY WOOD STAKES OR PRINFORCEMENT BALE SHALL BE ANGLED TOWARD THE FRINKOLSY, JANE BALE TO FORCE BALES FOREMENT FOR THE SHALL BE ANGLED TOWARD THE PRINKOLSY, JANE BALE TO FORCE BALES FOREMENT.
- FILTER FABRIC SHALL BE SECURELY FASTENED AT THE TOP OF A THREE (3") FOOT HIGH FENCE AND BURED A WARWING OF FOUR (4") WICHES BITD THE SCIL. SCAMS BETWEEN SECTIONS OF FILTER FABRIC SHALL OVERLAP A MINIMUM OF TWO (2") PEET.

- 1. BALED HAY EROSION BARRIERS SHALL BE INSTALLED AT ALL STORM SEWER INLETS.
- BALED HAY EROSION BARRIERS AND SEDIMENT FILTER FENCES SHALL BE INSTALLED AT THE LOCATIONS INDICATED ON THE FILM AND IN ADDITIONAL AREAS AS MAY SE DEEMED APPROPRIATE DURING CONSTRUCTION.
- 3. ALL EROSION CHECKS SHALL BE MAINTAINED UNTIL ADJACENT AREAS ARE STABILIZED.
- A. INSPECTION SHALL BE FREQUENT (AT MINIMUM MONTHLY AND BETORE AND AFTER HEAVY RAIN) AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
- 5. EROSION CHECKS SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORMMATER FLOW OR DRAINAGE.

ORDINATION AND USE, ERIGINO AND USE, ERIGINO AND USE PROCESSING, CHIEF OF THE STATE OF CONTROLLING AND USE PROCESSING AND USE OF THE STATE OF CONTROLLING AND USE OF THE STATE OF THE STATE OF CONTROLLING AND USE OF THE STATE OF TH

- WATER IS ACCEPTABLE AND MUST BE APPLIED OFTEN IN HOT, DRY WEATHER. CALCIUM CHLORIDE IS NOT ACCEPTABLE.
- 2. CRUSHED STONE OR COARSE GRAVEL CAN ALSO BE USED.

### TEMPORARY VEGETATIVE COVER

TEMPORARY VEGETATIVE COVERS SHALL BE ESTABLISHED ON ALL UNPROTECTED AREAS THAT PRODUCES ESTABLISH, AREAS WHERE FINAL CRADING HAS BEEN DOMELTED AND ATEAS WHERE THE ESTIMATED PERIOD OF BARE SIDL EXPOSURE IS LESS THAN 12 WORTH.

- 1. INSTALL REQUIRED SURFACE WATER CONTROL MEASURES.
- 2. REMOVE LOOSE ROCK, STONE, AND CONSTRUCTION DEBRIS FROM AREA.
- 3. APPLY LIME ACCORDING TO SQL TEST.
- APPLY PORTILIZER ACCORDING TO SOIL TEST. SLOW RELEASE AND LOW/NO PHOSPHORUS FERTILIZERS SHALL BE USED.
- UNLESS HYDROSEEDED, WORK IN LIME AND FERTILIZER TO A DEPTH OF FOUR (4") INCHES USING A DISK OR ANY SUITABLE EQUIPMENT.
- TILLAGE SHOULD ACHIEVE A REASONABLY UNFORM, LOCGE SEEDBED. WORK ON CONTOUR F SITE IS SLOPING.

- USE ANNUAL RYEDRASS AT A RATE OF 40 LBS/AC. OR SATABLE EQUIVALENT AS SPECIFED IN THE "GADELINES".
- SEEDING TO BE DONE FROM APRIL 1ST TO JUNE 15 OR AUGUST 1ST. TO OCTOBER 1ST. WHITER STABILIZATION PLANTINGS TO BE NO LATER THAN OCTOBER 1ST. THIS INCLUDES STOCKPILE AREAS.
- APPLY SEED UNIFORMLY ACCORDING TO THE RATE INDICATED BY BROADCASTING, DRILLING, OR HYDRAULIC APPLICATION.
- UNLESS HYDROSEEDED, COVER RYECHASS SEEDS WITH NOT MORE THAN 1/4 INCH OF SOIL WITH SUITABLE EQUIPMENT. COVER SUDANORASS AND SMALL GRAINS WITH 1/2 INCH SOIL.
- MULCH INVESTIGATELY AFTER SEEDING, IF REQUIRED, ADDICATING TO THE GUIDELINES IN THE "GUIDELINES".

## PERMANENT VEGETATIVE COVER

PERMARENT VEDETATIVE COVER SHALL BE ESTABLISHED AS VARIOUS SECTIONS OF THE PROJECT ARE COMPLETED IN ORDER TO STABLUZE THE SOL, REDUCE SOMEWITHEAM DAMAGE FROM SECURISHY AND RUNGET, AND TO INHANCE. THE ASSTHERE IN AUTURE OF THE TI WILL BE APPLIED TO ALL CONSTRUCTION ASKAS SUBJECT TO EROSON WERE FINAL ORACING AND SEEN COMPLETED AND A PROMAMENT COVER IS NEEDED.

- 1. INSTALL REQUIRED SURFACE WATER CONTROL MEASURES.
- 2. REMOVE LODGE ROCK, STONE AND CONSTRUCTION DEBRIS FROM AREA.
- PERFORM ALL PLANTING OPERATIONS PARALLEL TO THE CONTOURS OF THE SLOPE.
- 4. APPLY TOPSOL AS INDICATED ELSEWHERE HEREI
- APPLY FERTILIZER ACCORDING TO SQL TEST, USE ONLY SLOW RELEASE AND LOW/NO PHOSPHORUS FERTILIZERS.

- SMOOTH AND FIRM SEEDGED WITH CULTIPACKER OR OTHER SMILAR EQUIPMENT PRIOR TO SEEDING (EXCEPT WHEN HYDROSEEDING).
- 2. SELECT ADAPTED SEED MIXTURE AS FOLLOWS. NOTE HATES AND THE SEEDING DATES.

# SUNNY TO PARTIALLY SUNNY SITES

KENTUCKY BLUEGRABS GREEPING RED FESCUE PERENNAL RYEGRASS	20 20 05	0.50 0.50 0.10
TOTAL	45	1,10
SHADY SITES		
CREEPING RED PESCUE PERENNAL RYEGRASS	50 05	1.00 0.10
TOTAL	55	1-10
DROUGHTY SITES		
CREEPING NED FESQUE TALL FESQUE	1.00 40 0.50 20	
TOTAL	80	1,50

- APPLY SEED UNFORMLY ACCORDING TO RATE INDICATED, BY BROADCASTING, DRILLING, OR HYDRAULIC APPLICATION.
- COVER GRASS AND LEGUME SEEDS WITH NOT MORE THAN 1/4 INCH OF SOIL WITH SUITABLE EDUPMENT (EXCEPT WHEN HYDROSSEEDING).
- MULCH IMMEDIATELY AFTER SEEDING, IF REQUIRED, ACCORDING TO THE GUIDELINES IN THE "GUIDELINES".
- USE PROPER INOCULANT ON ALL LEGUME SEEDINGS, USE FOUR (4) TIMES NORMAL RATE WHEN HYDROSEEDING.

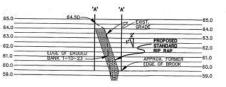
- TOPSCIL SHALL BE SPREAD OVER ALL EXPOSED AREAS IN ORDER TO PROVIDE A SOIL MEDIUM HAVING FAVORABLE CHARACTERISTICS FOR THE ESTABLISHMENT, GROWTH AND MANNENANCE OF VEGETATION.
- 2. REMOVE ALL LARGE STONES, TREE LIMBS, ROOTS, AND CONSTRUCTION DEERIS.
- 3. APPLY LIME ACCORDING TO SOIL TEST OR AT THE RATE OF TWO (2) TONS PER AGRE.

# TOPSOL SHOULD HAVE PHYSICAL, CHEMICAL AND BIOLOGICAL CHARACTERISTICS FAVORABLE TO THE GROWTH OF PLANTS.

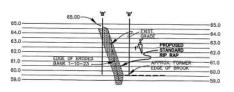
AN ORGANIC MATTER CONTENT BETWEEN 8 & 20 PERCENT IS HIGHLY DESIRABLE. AVOID LIGHT COLORED LOWER SUBSOIL MATERIAL.

1. AVOID SPREADING WHEN TOPSOL IS WET OR FROZEN.

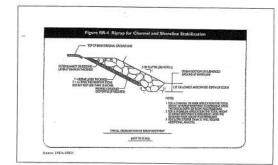
2. SPREAD TOPSOL UNFORMLY TO A DEPTH OF AT LEAST BIX (6") INCHES



CROSS SECTION A-A SCALE: HORIZ. 1"=20" VERT. 1"=4"



CROSS SECTION B-B





HEAGLE ERS & LAND ST 81 RANKIN ROA MEGSON,

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BANK

AVENUE STREAM HEBRON

SYSTEMS RY. CONN. POWER NOTES & DE

CK. BY: JHS

DATE: 3-1-24 SCALE: NONE