# TOWN OF ELLINGTON CONNECTICIT CONNECTICIT CONNECTICIT TRACES TRAC

### STATE OF CONNECTICUT – COUNTY OF TOLLAND INCORPORATED 1786

### TOWN OF ELLINGTON

55 MAIN STREET – PO BOX 187 ELLINGTON, CONNECTICUT 06029-0187 www.ellington-ct.gov

TEL. (860) 870-3120

TOWN PLANNER'S OFFICE

FAX (860) 870-3122

### DESIGN REVIEW BOARD SPECIAL MEETING AGENDA THURSDAY, MAY 20, 2021, 7:00 P.M.

## ZOOM MEETING (INSTRUCTIONS TO JOIN VIRTUAL MEETING PROVIDED BELOW)

- I. CALL TO ORDER:
- **II. PUBLIC COMMENTS** (On Non-Agenda Items):
- **III. NEW BUSINESS:**
- Review of design elements for Z202101 Ellington Enterprises, owner/applicant, pursuant to Section 4.1 of the Ellington Zoning Regulations request for a Special Permit and Site Plan Modification for the construction of a 9,600 sf building with wash bay at 77 Meadow Brook Road, APN 091-009-0000 in an I - Industrial Zone.

### IV. ADMINISTRATIVE BUSINESS:

- 1. Approval of January 14, 2021 Special Meeting Minutes
- 2. Correspondence/Discussion:

### V. ADJOURNMENT:

Note: Next regular meeting is scheduled for June 17, 2021

In order to comply with COVID-19 limited in-person meetings and social distancing requirements, this meeting will be conducted using the online video conferencing service provider Zoom. Meeting details will be provided on the Agenda and posted on the Ellington webpage (www.ellington-ct.gov), Agenda & Minutes, Design Review Board.

Join Zoom Meeting via link: https://zoom.us/j/98944901777 Meeting ID: 989 4490 1777

Password: 259594

Join Zoom Meeting by phone: 1-646-558-8656 US (New York) Meeting ID: 989 4490 1777

Password: 259594

Town of Ellington
Planning & Zoning Commission Application

T / A ! 4!	June and the Domitation	Application #
<b>7</b> ,	dment to Regulation	2202101
🔀 Site Plan Approval 🛛 🗓 Special Permit	☑ Modification ☐ CGS 8-24	Date Received
		1/20/2021
Notices associated with this application will be sent to the applicant, if different than the owner, unless otherwise requested.	Notices associated with this application will be if different than the owner, unless otherwise rec	uested.
Owner's Information	Applicant's Information (if differen	t than owner)
Name: Ellington Enterprises	Name: Same as owner	
Mailing PO Box 331	Mailing Address:	
Ellington CT 06029		
Email: Dstavens@barberutilities.com	Email:	
WHEN NOT REQUIRED BY LAW TO MAIL NOTICE BY USPS, MAY NOTICES BE EMAILED TO YOU? ▼Yes □No	WHEN NOT REQUIRED BY LAW TO MAIL MAY NOTICES BE EMAILED TO YOU?	es No
Primary Contact Phone #: (860) 872 2330	Primary Contact Phone #:	
Secondary Contact Phone #: (860) 508 6533	Secondary Contact Phone #:	
Signature:	Signature:	
By signing below I certify that all information submitted with this application is true and accurate to the best of my knowledge, that I am aware of and understand the application requirements and regulations, and acknowledge that the application is to be considered complete only when all information and documents required by the Commission have been submitted. Moreover, by signing above I/we expressly provide written consent to the filing of the application and access to the site by the Commission or its staff.	By signing below I certify that all information submistrue and accurate to the best of my knowledge, understand the application requirements acknowledge that the application is to be conside all information and documents required by the submitted.	that I am aware of and and regulations, and red complete only when
Street Address: 77 Meadow Brook Road		
		ed Zone: N/A nsert "N/A")
Public Water: X Yes No Public Sewer: X Yes No make application to North Central District Health Department (Enfield Office)	NO <u>If not served by public water and sewer, app</u>	licant/owner shall
Is parcel within 500' to any municipal boundary? Yes [	X No	
Are there any wetlands/watercourses within 100' of conswhen located in the Shenipsit Lake Drainage Basin? Inland Wetlands Agency prior to or simultaneously with application to the Plant Is the project in a public water supply watershed area? In and Commissioner of Public Health about the proposed project by certified in plans, and supporting documents must accompany notice. Proof of notice are	struction activity or within 250' of wetland Yes No If yes, pursuant to state law applicate anning and Zoning Commission.  Yes No If yes, applicant shall notify Connection for the point within 7 days of application (88-3).	cut Water Company b), Copy of application,
Description of Request (If more space is needed, please at	ach additional sheets)	
See attached sheet(s)		
	:	(1)
	JAN	20 2021
	P1/4	

### Project Narrative

Property Description: Located a half mile west of Route 83 on a seven-acre piece of industrial zoned property is 77 Meadow Brook Road. Made up of two lots, five and two acres a piece, its currently owned by Ellington Enterprises, the property is home to Barber Utilities. Here, Barber occupies all seven acres as well as the current 6600 sq ft building (Building 1) and the newly constructed 1800 sq ft building (Building 2). On site Barber uses the area to recycle materials for road construction. They recycle materials that include sand, rock, concrete and black top. Additionally, they store their fleet of trucks and equipment. As Barber expands their operation their needs for buildings and warehousing expand as well.

Proposed Building: Approximately 100 feet north of the existing Building 1 is the proposed location of a new 120' x 80' clear span steel building (Building 3). The building will match the existing Building 1 in appearance when it comes to shape and color. The siding will be tan with brown trim. Building 3 will have four garage doors across the front and one in the rear. One side of the building would be open storage measuring 90' x 80'. The other 30' x 80' would be the location of a new wash bay.

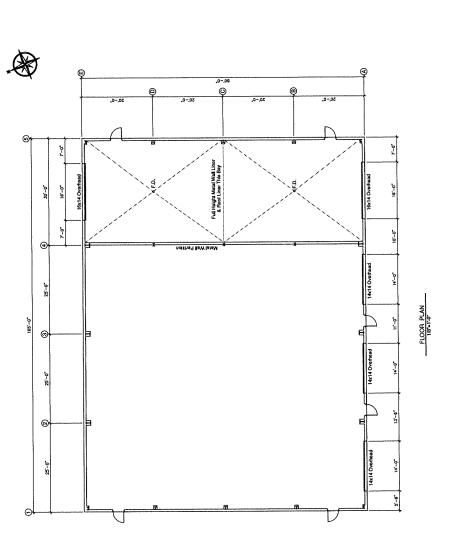
This new wash bay would aid in Barber's ability to keep their fleet of vehicles and equipment in good condition as well as help keep the environment protected. An oil-water separator would be installed to keep oil, grease and other contaminates out of the town's sewer system. In addition to an oil-water separator, a sediment basin will be installed on the storm system to catch any unintended run-off. This basin would keep silts and sands out of the stream that eventually discharges into Broad Brook. A storm water management plan is currently being processed. Heat for the Building 3 will be provided by a 1000-gallon buried propane tank.

Applicable zoning regulations will be adhered to. Parking for the building will be provided by the existing front parking lot which is currently oversized for what is necessary. Currently providing 40 parking spaces in the front of existing Building 1, this is more than enough for the 25 employees. If expansion occurs for Barber, Ellington Enterprises or any other future client of Ellington Enterprises, more parking could be provided.

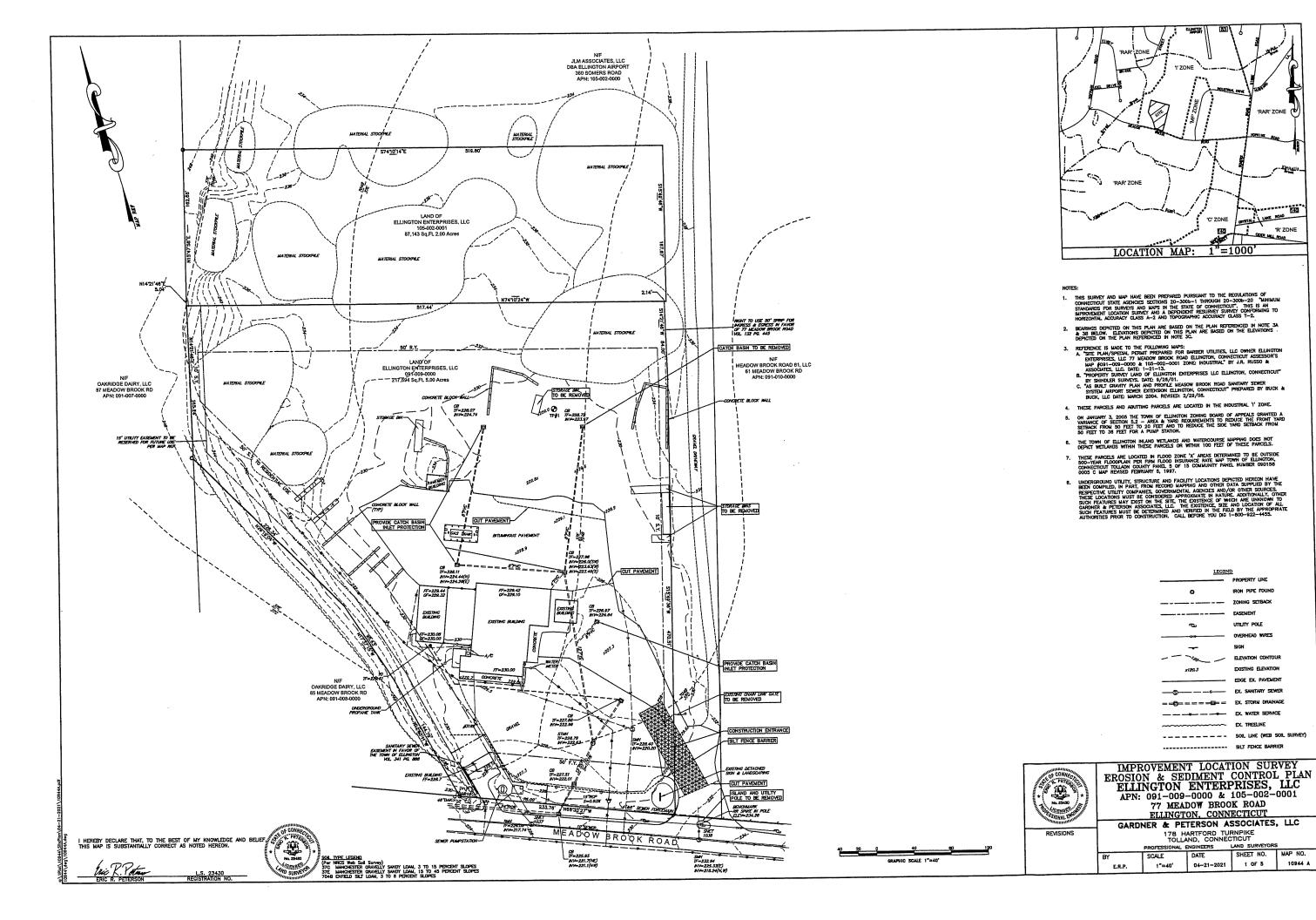
<u>Site Improvements</u>: In addition, the necessary requirements of constructing Building 3 are just the start of the site improvements. There are three existing storage containers on the eastern side of the property line. The storage provided by this building would allow for the removal of these trailers.

Summary: By constructing this new building, Ellington Enterprises would help facilitate growth in a local company. This in return would add future tax base to the town. As Barber would expand the addition of jobs and equipment would stem from this proposed project.

Michia Maria	ELOOR PLAN	
2. APPLICATION OF THE PROPERTY	ЕГГІМЕЈОМ ВООК ВОУБ 11 МЕУРОМ ВВООК ВОУБ	HORE BY BF
PDS ENGINEER ISS	ਲੂ BARBER UTILITIES	ENGINEER: F ARCHIECT: PROJECT MG DRAFTED BY



ESUF ISSUE  4-20-202 PAZ AFRICATON  POS ENGINE ERING &  CONSULTANTS:	A-200  PROJECT MORE TO THE STANDARD THE STAN
The second state of the se	NOTIFICATION TO SERVICE AND SE



'RAR' ZONE

130

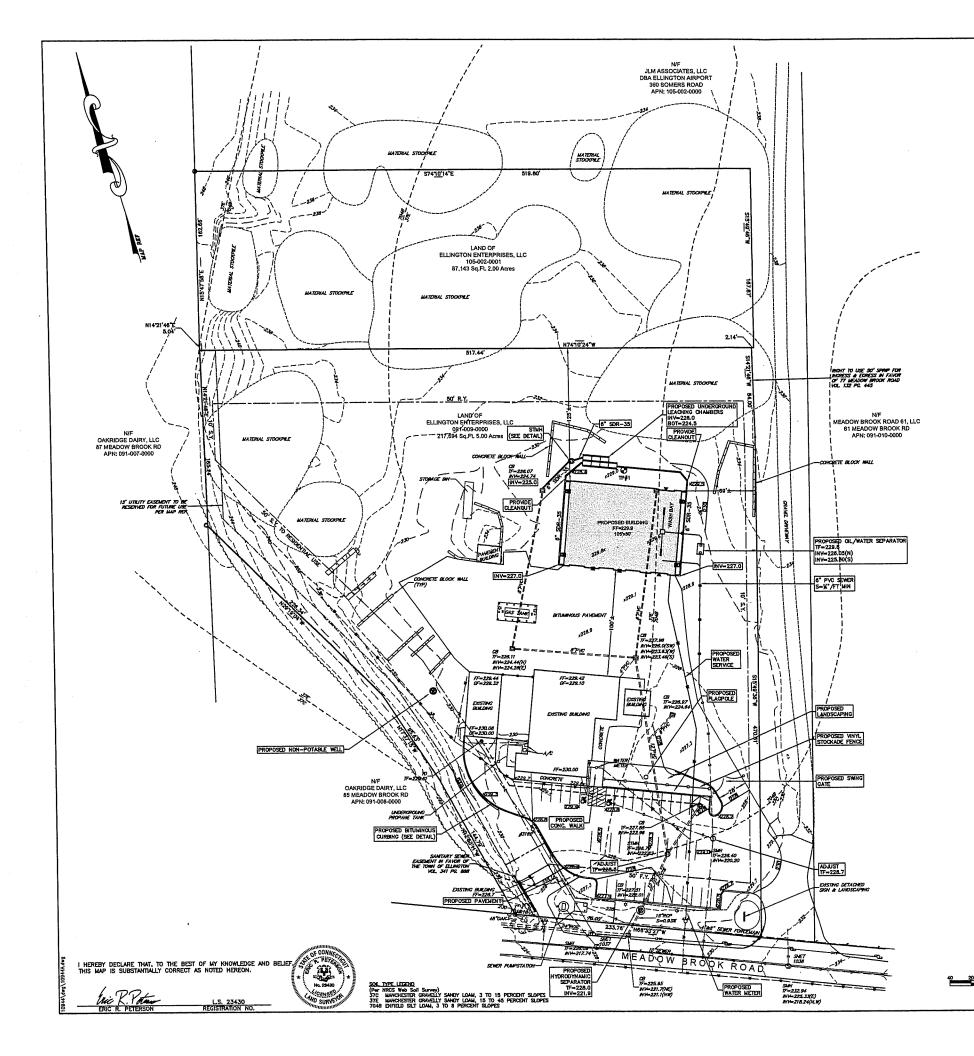
MAP NO.

10944 A

1 OF 5

'R' ZONE

GOOD HEL POUR



NOTES:

- THIS SURVEY AND MAP HAVE BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICAL TRATE AGENCIES SECTIONS 20–3006–1 THROUGH 20–3006–20 "MINIMUM STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICAL". THIS IS AN IMPROVEMENT LOCATION SURVEY AND A DEPENDENT RESURVEY SURVEY CONTRAINED TO HORZOUTH, ACCURACY CLASS 1–2 AND TOPOGRAPHICA COURACY CLASS 1–2.
- BEARINGS DEPICTED ON THIS PLAN ARE BASED ON THE PLAN REFERENCED IN NOTE 34 & 38 BELOW. ELEVATIONS DEPICTED ON THIS PLAN ARE BASED ON THE ELEVATIONS DEPICTED ON THE PLAN REFERENCED IN NOTE 3C.
- DEPICTED ON THE PLAN REPERMED IN NOTE 9.5.

  3. REFERENCE IS MUE TO THE FOLLOWING LAPS:

  A "STITE PLAN/SPECIAL PERMIT REPENABED FOR BARBER UTILITIES, LLC OWNER ELLINGTON, ENTERPRESS TO MELOOW BROOK ROLD ELLINGTON, CONNECTICUT ASSESSOR'S ENTERPRESS OLD-0000 & 105-002-0001 ZONE NOUSTRUL, BY J.R. RUSSO & ASSOCIATES, LLC DATE: 1-21-13.

  B. "PROPERTY SURFEY LAND OF ELLINGTON ENTERPRISSES LLC ELLINGTON, CONNECTICUT" BY SHINCLER SURFEYS, DATE: 9/25/401.

  C. "AS BULT CRAVITY FLAN AND PROFILE MEASON BROOK ROLD SANITIARY SEWER SYSTEM AIRPORT SEWER ENTERSION ELLINGTON, CONNECTICUT" PREPARED BY BUCK & BUCK, LLC DATE: MARCH 2004, REVISED: 2/29/04.
- THESE PARCELS AND ABUTTING PARCELS ARE LOCATED IN THE INDUSTRIAL 'I' ZONE
- ON JUNUARY 3, 2005 THE TOWN OF ELLINGTON ZONING BOARD OF APPEALS GRANTED A VARIANCE OF SECTION 5.2 AREA & VARD REQUIREMENTS TO REDUCE THE FRONT YARD SETBACK FROM 50 FEET TO 20 FEET AND TO REDUCE THE SIDE YARD SETBACK FROM 50 FEET FOR A PUMP STATION.

### ZONING TABLE: ZONE: INDUSTRIAL (I) ZONE

N. LOT AREA:	40,000 SQ.FT.	217,694 SQ.FT.
N. LOT WOTH:	200 FT	233.76 FT
KONT YARD:	50 FT*	331 FT
DE YARD:	10 FT	69 FT
EAR YARD:	50 FT	125 FT
JILDING HEIGHT:	38 FT	23 FT 4 IN
IT COVERAGE:	60%	37.5%

\*MAY BE REDUCED TO 50 FEET ALONG ANY ROADWAY NOT DESIGNED AS A COLLECTOR ROAD, ARTERIAL ROAD OR STATE HIGHWAY.

LEGEND			
	PROPERTY LINE		
٥	IRON PIPE FOUND		
	ZONING SETBACK		
	EASEMENT		
b	UTILITY POLE		
ore	OVERHEAD WIRES		
-	SIGN		
	ELEVATION CONTOUR		
x120.3	EXISTING ELEVATION		
NTB .	PROPOSED CONTOUR		
<b>*138.5</b>	PROPOSED ELEVATION		
	EDGE EX. PAYEMENT		
	ex, sanitary sewer		
	PROPOSED SANITARY SEWER		
==0===================================	EX. STORM DRAINAGE		
	EX. WATER SERVICE		
	PROPOSED WATER SERVICE		
- 4	PROPOSED LIGHT		
	EX. TREELINE		
	SOIL LINE (WEB SOIL SURVEY		



GRAPHIC SCALE 1"=40"

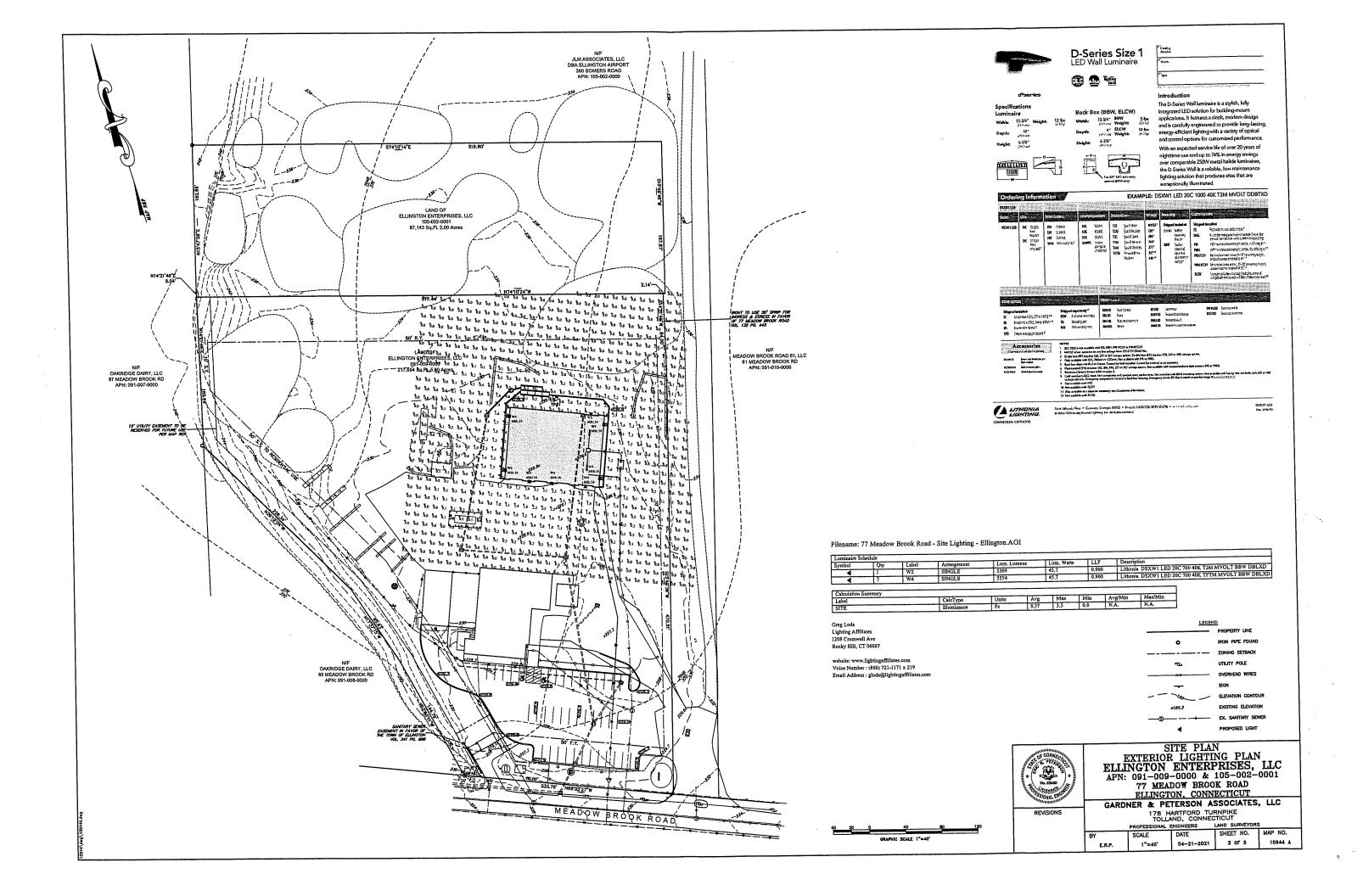
# IMPROVEMENT LOCATION SURVEY SITE PLAN ELLINGTON ENTERPRISES, LLC

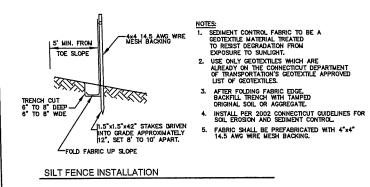
APN: 091-009-0000 & 105-002-0001 77 MEADOW BROOK ROAD

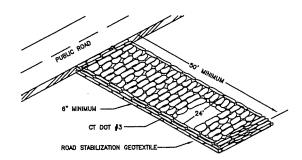
ELLINGTON, CONNECTICUT

GARDNER & PETERSON ASSOCIATES, LLC 178 HARTFORD TURNPIKE TOLLAND, CONNECTICUT

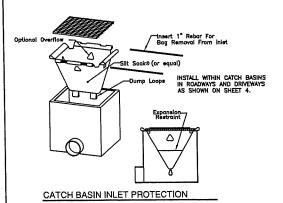
SHEET NO. MAP NO. SCALE 2 OF 5 04-21-2021 1"=40"







CONSTRUCTION ENTRANCE



TEST PIT DATA:
OBSERVED BY ERIC PETRSON, PE
GARDNER & PETERSON ASSOCIATES, LLC
04/23/2021

TP1:
0-18" FILL
18-2" FIRM MEDIUM SAND W/ COBBLES
27-90" LOOSE FINE SAND
90-96" BROWN SILTY CLAY
NO MOTTLING, LEGGE, SEEPAGE, ROOTS
RESTRICTIVE © 90"
PERM #3 & # 7 @ 48": RATE-60 IN/HR

GENERAL EROSION AND SEDIMENT CONTROL NOTES

- ALL EROSON AND SEDIMENT CONTROL MEASURES SHALL BE CONSTRUCTED
  IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE "GUIDELINES
  FOR SOL EROSON AND SEDIMENT CONTROL" BY THE CONHECTICAT COUNCIL ON
  SOLL AND WATER CONSERVATION.
- ALL SEDIMENT CONTROL PRACTICES AND MEASURES SHALL BE CONSTRUCTED, APPLIED AND MANTANED IN ACCORDANCE WITH THE APPROVED SEDIMENT CONTROL PLAN.
- TOPSOIL REQUIRED FOR THE ESTABLISHMENT OF VEGETATION SHALL BE STOCKPILED IN THE AMOUNT NECESSARY TO COMPLETE THE FINISHED GRADING OF ALL EXPOSED
- 4. AREAS TO BE FILLED SHALL BE CLEARED, GRUBBED AND STRIPPED OF TOPSOIL TO
- ALL FILLS SHALL BE COMPACTED AS RECOVERED TO MINIMIZE EXCISION, SLEPHASE, AND SETTLEMENT, FILL INTEDIDED TO SUPPORT STRUCTURES, DRAWLE, ETC., SHALL BE COMPACTED IN ACCORDANCE WITH THE APPROPRIATE STATE AND/OR LOCAL SECTION/STATIONS
- FILL MATERIAL, SHALL BE FREE OF BRUSH, RUBBISH, LARGE ROOKS, LOGS, STUMPS, BULDING MATERIAL, COMPRESSIBLE MATERIAL, AND OTHER MATERIALS WHICH MAY HOTBERE WITH OR PREVENT CONSTRUCTION OF SATISFACTION FILLS.
- PRESENTE WITH OR PREVENT CONSTRUCTION OF SATISFACTOR FALS.

  FROZEN MATERIAL OR SOFT MUCKY OR HIGHLY COMPRESSIBLE MATERIALS SHALL

  NOT BE INCORPORATED INTO FALLS.
- a cut cust wat ac practo on a sporth constantion
- ALL BENCHES SHALL BE KEPT FREE OF SEDIMENT DURING ALL PHASES OF DEVELOPMENT.
- SEEPS OR SPIRICS ENCOUNTERED DURING CONSTRUCTION SHALL BE HANDLED IN ACCORDANCE WITH SOUND CONSTRUCTION PRACTICE.
- 11. ALL GROED AREAS SHALL BE PERMANDITLY STABLIZED IMMEDIATELY FOLLOWING FINISH GRADING. IF FINISH GRADING IS TO BE DELAYED FOR MORE THAN 30 DAYS AFTER DISTURBANCE IS COMPLETE. TRANSPORT SOIL STABLIZATION MEDIANCES SHALL DE APPLET. AREA LEFT OVER 30 DAYS SHALL BE CONSIDERED "LONG TERM" AND SHALL RECOVE TEMPORARY SEZIEMO WITHIN THE RISTS 15 DAYS.
- SITE IS TO BE GRADED TO PERMIT THE USE OF CONVENTIONAL EQUIPMENT FOR SEEDIRED PREPARATION, SEEDING, MULCHING, AND MAINTENANCE UNIESS OTHERWISE SPECIFIED IN THE PLAIS.
- CUI AND FILL SLOPES SHALL NOT BE STEEPER THAN 2:1. TOPSOL SHALL BE SPREAD TO A MINIMUM DEPTH OF 4". ADDITIONAL TOPSOL MAY BE REDUVED TO MEET MINIMUM DEPTHS. NO TOPSOL SHALL BE REMOVED FROM THIS STE.
- APPLY SEED UNFORMLY BY HAND, CYCLONE SEEDER, BRILL CULTIPACKER TYPE SEEDER, OR HYDROSEDDER (SURRY INCLUDING SEED AND FERTILIZER). NORMAL SEEDING DEPTH IS FROM 1/4" TO 1/2" INCH. HYDROSEDDING WHICH IS MULCHED MAY BE LEFT ON THE SOIL SURFACE.
- WHERE FEASIBLE, EXCEPT WHERE EITHER A CULTIPACKER TYPE SEEDER OR HYDROSSEDIER IS USED, THE SEEDEED SHOULD BE FRANCE FOLLOWING SEEDING WITH A ROLLER OR LICHT DRAG.
- 16. FERTILIZER AND LINE ARE TO BE WORKED INTO THE SOIL AS NEARLY AS PRACTICAL TO A DOTHLOR 4 INCHES WITH A DISC, SPRING TOOTH HARROW OR OTHER SUITABLE EXAMPLEM. THE HINAL HARROWING OR DISC OPERATION SHOULD BE ALDING THE
- REMOVE FROM THE SURFACE ALL STONES TWO INCHES OR LARGER. REMOVE ALL OTHER DEBRIS SUCH AS WIRE, TREE ROOTS, PIECES OF CONCRETE, OR OTHER UNSUITABLE MATTHIA'S
- INSPECT SEEDBED BEFORE SEEDING, IF TRAFFIC HAS LEFT THE SOIL COMPACTED, THE AREA MUST BE RETILLED BEFORE SEEDING, THEN FIRMED AS DESCRIBED ABOVE.
- WHERE GRASSES PREDOMINATE, FERTILIZE ACCORDING TO SOIL ANALYSIS, OR SPREAD 300 POUNDS OF 10-10-10 OR EXAMALENT PER ACRE (7.5 POUNDS PER 1000 S.F.).
- 20. CALCIUM CHLORIDE WILL BE AVAILABLE FOR DUST CONTROL ON GRAVEL TRAVEL SURFACES.

TEMPORARY SEEDIN	SCHEDULE:		
SPECIES	LBS/ACRE	LBS/1000SF	SEEDING DATES
AHNUAL RYEGRASS MHTER RYE SUDANGRASS	40 120 30	1.0 3.0 0.7	3/1-5/15, 8/1-10/15 4/15-7/1, 8/15-10/15 5/15-8/1

TEMPORARY SERDING IS NOT LAMTED TO THE SPECIES SHOWN, OTHER SPECIES RECOMMENDED BY THE SCS OR AS LIMITED BY SITE CONDITIONS MAY BE USED.

STRAW MULCH IS TO BE APPLIED TO SEEDED AREA AT THE RATE OF 1-1/2 TO 2 TONS PER ACEZ, TO TO 90 LBS. PER 1000 50. FT.

FINAL SEEDING SCHEDULE:

PROVIDE 4 INCHES OF TOPSOIL MINIMUM, FREE OF ROOTS, LARGE STONES, AND OTHER OBJECTS.

SPECIES LBS/HORE LBS/1000SF SEEDING DATES

KUTUCKY BLUEDRASS 20 0.45 4/1-6/18, 8/15-10/1

CREDYNG RED FESCUE 20 0.45 4/1-6/18, 8/15-10/1

ORD FESCUE 20 0.45 4/1-6/18, 8/15-10/1

### CONSTRUCTION SCHEDULE & EROSION & SEDIMENT CONTROL CHECKLIST

PROJECT NAME ELINATION ENTERPRISES, LLC
LOCATION: 77 MEADOW BROOK ROAD, ELINATION, CT
PROJECT DESCRIPTION: CONSTRUCTION OF NEW BULDING WITH WASH BAY
PARCEL AREA: 7 AC.

RESPONSIBLE PERSONNEL: DAVID STAVENS (860) 872-2330

WORK DESCRIPTION	EROSION & SEDIMENT CONTROL MEASURES	DATE INSTALLED	INITIALS
	INSTALL ANTI-TRACKING PAD		
	INSTALL SILT FENCE BARRIERS DOWNGRADE OF CONSTRUCTION ACTIVITY AS SHOWN		
	INSTALL INLET PROTECTION IN EXISTING CATCH BASINS	ł	
	PROTECT INFILTRATION GALLEY AREAS FROM DISTURBANCE AND COMPACTION		
EXCAYATE FOR BUILDING FOUNDATION			
INSTALL SEWER, DRAINAGE AND UTILITIES			
CRADE SITE FOR PAYING			1
FINAL GRADE AND FINAL PAVE	TOPSOIL SEED AND MULCH SLOPES		
	INSPECT AND MAINTAIN SEDMENT BARRIERS WEEKLY AND AFTER RAIN EVENTS OVER 0.5—INCH.		
	REMOVE SEDIMENT FROM DRAINAGE STRUCTURES		
	REMOVE EROSION CONTROLS WHEN SITE IS STABILIZED		
		İ	
		}	
		Ì	1

PROJECT DATES:
DATE OF CONSTRUCTION START JUNE 1, 2021
DATE OF CONSTRUCTION COMPLETION AUGUST 31, 2021

EROSION AND SEDURED CONTROL PROCEDURES SHALL ESSETUALLY BE IN ACCORDANCE WITHESE FLANS, AS REQUIRED BY TOWN RECULATIONS, AND THE MANUAL, "CUDEDLINES FOR SOIL BROSSON AND SEDMENT CHARGE", FOR CONNECTICUT, BY THE COUNCIL ON SOIL BROSSON AND SEDMENT CHARGE PROCEDURES. BY THE COUNCIL ON SOIL

### TURF MANAGEMENT PLAN

- 1. Soil Institut
  a comparate and somple from the subject property will be collected and delivered to
  a comparate and sometical Coopwritte Extension office for testing of soil nutrient
  levels (1.4s., pH, rhrouge, hospobrous, actions, magnesism, potamism) prior to a
  fertilizer application. The Extension office will recommend a fertilizer application. The Extension office will recommend a fertilizer application that will collect this
  recommendation to the source of the soil around the source of the soil around the soil a
- 2. Slow-Release Entitizes Sow-release infilters will be applied to lower, planted trees and shrube. These can include, but are not limited to, organic-based fertitizers. A variety of commercial incervations intropen fertitizer products are sendable (e.g., Milorganite, lookupfdows durse, costed urses, etc.). Advantages of slow-release fertitizers include the supply of a steady introgen sources, and reduced introgen secting, by combining small amounts of soluble introgen sources with size release pittingen products, inflores marketify can be extended without a threet of leaching.
- Fartitizer Application Schedule
   Fertitizer will be applied three times annually to the subject property: early to lets
   Help (after the threet of cool, well seather hose perseal), lets August to early
   September, and mid-September to mid-October. If the soil test indicates a need
   for lime, it will be applied of the last fertilization date.
- 4. Inherented Pert Mondament LIFM approach to meinteling healthy furf and londed per large to the property of the property
  - To be successful, IPM requires periodic monitoring by an experienced practitioner detect part problems at an early stage and develop an effective, environmentally responsible action plan. It is recommended that the controlled that the first to maintain the grounds have training and experience in the practice of IPM.



EROSION & SEDIMENT CONTROL NOTES AND DETAILS ELLINGTON ENTERPRISES, LLC APN: 091-009-0000 & 105-002-0001 77 MEADOW BROOK ROAD ELLINGTON, CONNECTICUT

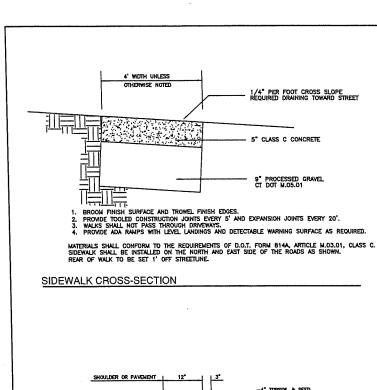
REVISIONS

GARDNER & PETERSON ASSOCIATES, LLC

178 HARTFORD TURNPIKE
TOLLAND, CONNECTICUT

 BY
 SCALE
 DATE
 SHEET NO.
 MAP NO.

 E.R.P.
 N.T.S.
 04-21-2021
 4 0F 5
 10944 A



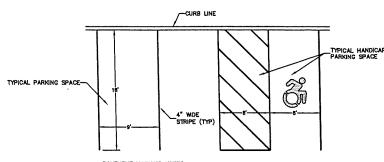
### NOTES: 1. CURBING MATERIAL TO BE CLASS 3 BITUMINOUS CONCRETE PER CONN. D.O.T. FORM 818.

2. CURBING TO BE LAID ON TOP OF BINDER COURSE.

STORM MANHOLE DETAIL

- 3. TACK COAT TO BE APPLIED PRIOR TO CURB PLACEMENT. COATING TO BE APPLIED PER MON-DIJ.L.C.4, OF FORM 816 AS ANENDED.
- 4. THE CAPE COD CURB SHALL BE MACHINE LAID AND LAID ACROSS DRIVEWAY ENTRANCES.

### BITUMINOUS CONCRETE CURB CAP COD CURB



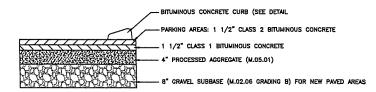
- PAYEMENT MARKING NOTES:

  1. All work to conform to Form 816, Section 12.09 and the manufacturer's instructions and recommendations for application.

  2. Lines shall be four (4) inches wide, except as noted, and 15 mile thick, colored willte, except as noted.

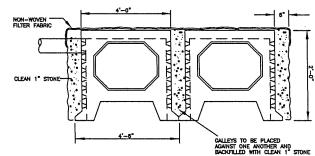
  3. Polinka the street wills or tithed reody-mixed point conforming the street of the street o

### PAINTED PARKING STALL DETAIL



### BITUMINOUS PAVEMENT CROSS SECTION

- ENGINEER SHALL WITNESS THE EXCAVATION AND INSTALLATION OF THE GALLEYS TO ENSURE PROPER SOIL CONDITIONS BELOW SYSTEM.
- 3. PLACE NON-WOVEN FILTER OVER INFILTRATION GALLEY AND CLEAN 1" STONE
- 4. INFILTRATION GALLEY TO BE CONSTRUCTED TO WITHSTAND H-20 LOADS.
- 5. BOTTOM OF GALLEYS TO BE PLACED NO DEEPER THAN 54 INCHES BELOW GRADE.



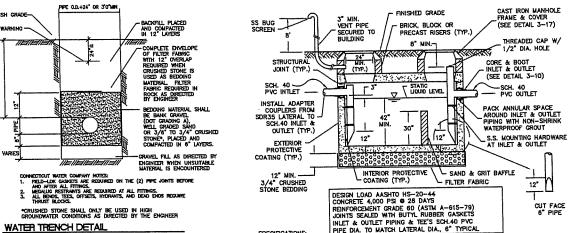
# The hydrodynamic separator must be designed to remove a minimum of 80% of the total suspended solide from the water quality flow of 1.22 cfs with an internal bypose of the 10-year design storm flow of 14 cfs. The system must first be approved by the design sugineer than submitted to the town for review prior to fabrication. Shop drawing submittals must intolde:

SANITARY SEWER TRENCH DETAIL

3'-0"

BLUE WARNING

- orientation of the system in plan view with respect to the approved sits plan (if different than shown on the approved plans)



### SPECIFICATIONS:

4" LOAM & SEED (AS REQUIRED)
SEE PAMEMENT DETAIL WHEN IN

- SPECIFICATIONS: PIPE DIA. TO MATCH LATERAL DIA, 6" TYPICAL

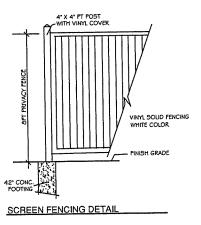
  1. TANK SHALL HAVE A WINNING CAPACITY SUFFICIENT TO PROVIDE AT LEAST SIX (6) HOURS OF RETENTION TIME DURING THE AREPAGE DAY THOW MOST PALL BE ON LESS THAN 1,000 CALLONS. TANK SHALL BE CONSTRUCTED THE TANK AND STATESOON TO CRADE MANNOLES SHALL BE COATED WITH AN EPOXY PETROLEUM RESISTANT SEALANT. EXTENDE OF THE TANK AND EXTENSION GRADE MANNOLES SHALL BE COATED WITH A MATERIOR SEALANT. THIS INCIDIOS THE TANK SHALL BE COATED WITH A MATERIOR SEALANT. THIS INCIDIOS THE TANK SHALL BE COATED WITH A MATERIOR SEALANT. THE HORIZONTAL STRUCTURAL SCAM OF THE TANK SHALL BE PILLO IN WITH NON-SWENKING COLIENT OR MATERIOR OF SEALANT. THE HORIZONTAL STRUCTURAL SCAM OF THE TANK SHALL BE COLORED WITH A WATER PROOF SEALANT. THE HORIZONTAL STRUCTURAL SCAM OF THE TANK SHALL BE COLORED WITH A WATER PROOF SEALANT. THE HORIZONTAL STRUCTURAL SCAM OF THE TANK SHALL BE COLORED WITH A MATERIOR OF SEALANT OF THE TANK SHALL BE CROUTED WITH NON-SWENKING COMENT AND COATED WITH A MATERIOR OF SEALANT OF THE TANK SHALL BE CROUTED WITH NON-SWENKING COMENT AND COATED WITH A MATERIOR OF SEALANT OF THE TANK SHALL BE COTTON OF THE TANK. SHALL BE COTTON OF THE TANK SHALL BE CORORED WITH A MATERIOR OF SEALANT OF THE TANK SHALL BE COUNTED WITH A MATERIOR OF SEALANT OF THE TANK SHALL BE COUNTED WITH A MATERIOR OF THE TANK SHALL BE COUNTED WITH A MATERIOR OF THE TANK SHALL BE COUNTED WITH A MATERIOR OF THE TANK SHALL BE COUNTED WHITH A STAND PIPE RISE EXTENDING UP INTO THE EXTENSION TO GRADE SHALL BE COUNTED WITH A STAND PIPE RISE EXTENDING UP INTO THE EXPENSION TO GRADE SHALL BE COUNTED WITH A STAND PIPE RISE EXTENDING UP INTO THE EXPENSION TO GRADE SHALL BE COUNTED TO THE BOILDING. THE SAY OF THE OUTLET TIPE SHALL BE COUNTED TO THE BOILDING. THE SAY OF THE OUTLET TIPE SHALL BE COUNTED TO THE SWIT ANY SEALE.

  3. THE OUTLET PIPE SHALL MATER SEALE OF THE CONNECTING LATERAL.

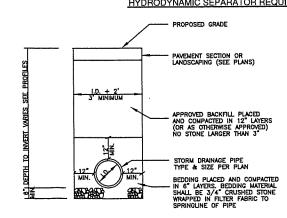
  4. THE NELT EXTENSION TO GRADE SHALL BROUDE ANY SOURCES OF DOMENIC WASTEWART. THE OUTLET PIPE SHALL BE SANTARY SEAD.

  5. THE C

### SAND & OIL WATER SEPARATOR



### HYDRODYNAMIC SEPARATOR REQUIREMENTS





### CONSTRUCTION DETAILS

ELLINGTON ENTERPRISES, LLC APN: 091-009-0000 & 105-002-0001 77 MEADOW BROOK ROAD ELLINGTON, CONNECTICUT

GARDNER & PETERSON ASSOCIATES, LLC 178 HARTFORD TURNPIKE TOLLAND, CONNECTICUT

SHEET NO. SCALE DATE N.T.S. 04-21-2021 5 OF 5



### HEAVY DUTY MANHOLE -FRAME & COVER TF=229.0 CONCRETE INFILTRATION GALLEY -CATCH BASIN CONVERSION SLAB -TOP BAFFLE WALL = TOP CONC. GALLEYS TOP BAFFLE WALL 6" INLET 6" OUTLET MORTAR CONCRETE BLOCK -BAFFLE WALL TO SIDES AND BOTTOM OF STRUCTURE 5'-4'

### STATE OF CONNECTICUT – COUNTY OF TOLLAND INCORPORATED 1786



### TOWN OF ELLINGTON

55 MAIN STREET – PO BOX 187 ELLINGTON, CONNECTICUT 06029-0187 www.ellington-ct.gov

TEL. (860) 870-3120

TOWN PLANNER'S OFFICE

FAX (860) 870-3122

### DESIGN REVIEW BOARD SPECIAL MEETING MINUTES THURSDAY, JANUARY 14, 2021, 7:00 P.M. ZOOM MEETING

MEMBERS PRESENT: Chairman Robert Dawson, Michele Beaulieu, Gary

**Chapin, Ronald Stomberg and Kevin Zahner** 

STAFF PRESENT: Lisa Houlihan, Town Planner and Barbra Galovich,

**Recording Clerk** 

I. CALL TO ORDER:

Chairman Robert Dawson called the meeting to order at 7:09 P.M.

### I. NEW BUSINESS:

1. Review of design elements for Z202024 – Schneider Brothers, LLC, owner/ Earthlight Technologies, LLC, applicant, request for Special Permit for business office, warehousing and storage, and storage yard for building materials and a ground mounted solar array pursuant to Section 7.15.7 and Site Plan Modification for the construction of a commercial building, parking, loading area, outdoor storage yard, common driveway and utilities, ground mounted solar array, and associated site improvements on properties located at 124 West Road, APN 037-003-0000 and 128 West Road, APN 037-003-0002 in a PC (Planned Commercial) Zone.

Guy Hesketh and Ken LaForge, F.A. Hesketh and Associates, Inc., 6 Creamery Brook, East Granby, CT, Everett Skinner, The Barnyard, 120 West Road and Sam Schneider, Earthlight Technologies, LLC, 92 West Road were present to represent the application.

Mr. Hesketh stated the applicant previously received subdivision and zone change approvals from the Planning & Zoning Commission. He said the detention basin and shared access improvements with Barnyard have been constructed and the applicant has received wetlands approval for the proposed site improvements. Mr. Hesketh reviewed the proposed improvements such as the main access drive, building location, employee parking, customer parking, outside storage area and solar array. He reviewed the photometric plan, which includes the wall mounted lighting, parking area lighting and

landscaping proposal for the Earthlight development area. Mr. Hesketh stated the pole lights are proposed to be 25' in height from grade.

Mr. LaForge reviewed the proposed landscaping plan, which includes elm trees that will be 35' on center along the driveway and a variety of trees, such as elm, evergreen, and maple trees, that will be installed within the parking areas. They are planning on planting evergreens to buffer the outside employee's break area to the north side of the building and the outside storage area beyond the main building. He reviewed the landscape schedule and described the different plantings and shrubs to be used on site. Oriental plantings are proposed to be used between the building and the parking areas. Mr. LaForge explained the proposed landscape plan is designed to be consistent with other newer developments along Route 83.

Everett Skinner reviewed the building design, explaining the applicant is proposing to construct a 20,690 sf two story office with a one story warehouse, noting the front of the building will be made of timber frame and reclaimed barn board. The warehouse portion of the building will be constructed with steel and have solar panels on the roof. They are proposing to have a covered loading dock, an 80'x150' outside storage area that will be enclosed by an 8' chain-link fence, and a dumpster enclosure that will be completely screened from the public. Mr. Skinner stated the buildings will be fully fire sprinkled. Mr. Skinner stated the storm drainage will be in the back of the property.

Chairman Dawson stated the applicants did a great job on the presentation and asked if they would be installing lights along the driveway. Mr. Hesketh explained the photometric plan is just for Earthlight's portion of the property. They've completed the grading and installed the street trees in Phase 1 of the project. Chairman Dawson asked if the driveway would be paved and Mr. Hesketh confirmed it would be paved. Chairman Dawson stated he liked the farm-like look of the main building and inquired about adding a cupula to it for aesthetics.

Commissioner Chapin said it is an attractive building and appreciates the applicant for the thorough landscape plan. Mr. Schneider noted the land in front of the building will remain a hayfield for now. Commissioner Beaulieu likes the building and appreciates the use of reclaimed barn wood. She is not too sure about adding a cupula to the building. Commissioner Stomberg stated he appreciated the applicants' efforts and receiving a completed application. He questioned the idea of a cupula and requested the driveway be constructed to handle normal roadway traffic and expressed concerns about another building being erected in front of Earthlight's building that could detract from the favorable design. He suggested the applicant keep in mind that Route 83 is a highway and could possibly be widened in the future.

Mr. Hesketh explained where it is noted, "Possible Future Development" in front of the Earthlight building was for the concept plan required by the Planning & Zoning Commission that was submitted with the zone change and subdivision

proposals for the parcel. Mr. Schneider reiterated they are not planning on developing in front of their proposed building at this time.

Chairman Dawson stated he'd leave it up to the applicant whether or not to add a cupola and reviewed suggestions with the applicant and other Board members.

BY CONSENSUS, THE BOARD GRANTED A POSITIVE REFERRAL TO THE PLANNING & ZONING COMMISSION FOR A BUSINESS OFFICE, WAREHOUSING AND STORAGE, AND STORAGE YARD FOR BUILDING MATERIALS AND A GROUND MOUNTED SOLAR ARRAY PURSUANT TO SECTION 7.15.7 AND SITE PLAN MODIFICATION FOR THE CONSTRUCTION OF A COMMERCIAL BUILDING, PARKING, LOADING AREA, OUTDOOR STORAGE YARD, COMMON DRIVEWAY AND UTILITIES, GROUND MOUNTED SOLAR ARRAY, AND ASSOCIATED SITE IMPROVEMENTS ON PROPERTIES LOCATED AT 124 WEST ROAD, APN 037-003-0000 AND 128 WEST ROAD, APN 037-003-0002.

### **DISCUSSION/OTHER POSSIBLE CONSIDERATIONS:**

- Asphalt paving suggested for roadway;
- Addition of a cupola on main building;
- Design of potential future buildings should be compatible with design used for Earthlight Technologies headquarters.

### II. ADMINISTRATIVE BUSINESS:

1. Approval of the November 19, 2020 Special Meeting Minutes

MOVED (CHAPIN), SECONDED (STOMBERG) AND PASSED UNANIMOUSLY TO APPROVE THE NOVEMBER 19 2020 SPECIAL MEETING MINUTES AS WRITTEN.

2. Election of Officers

Chairman:

MOVED (CHAPIN), SECONDED (STOMBERG) TO NOMINATE COMMISSIONER (DAWSON) FOR CHAIRMAN OF THE DESIGN REVIEW BOARD FOR 2021.

COMMISSIONER (DAWSON) ACCEPTED THE NOMINATION. HEARING NO FURTHER NOMINATIONS, NOMINATIONS WERE CLOSED.

BY CONSENSUS, COMMISSIONER (DAWSON) WAS ELECTED CHAIRMAN OF THE DESIGN REVIEW BOARD FOR 2021.

### Vice Chairman:

MOVED (DAWSON), SECONDED (BEAULIEU) TO NOMINATE COMMISSIONER (CHAPIN) FOR VICE CHAIRMAN OF THE DESIGN REVIEW BOARD FOR 2021.

COMMISSIONER (CHAPIN) ACCEPTED THE NOMINATION. HEARING NO FURTHER NOMINATIONS, NOMINATIONS WERE CLOSED.

BY CONSENSUS, COMMISSIONER (CHAPIN) WAS ELECTED VICE CHAIRMAN OF THE DESIGN REVIEW BOARD FOR 2021.

### III. ADJOURNMENT:

MOVED (BEAULIEU), SECONDED (CHAPIN) AND PASSED UNANIMOUSLY TO ADJOURN THE DESIGN REVIEW BOARD MEETING AT 7:58 P.M.

Respectfully submitted,		
Barbra Galovich, Recording Clerk		