



111 Huntington Avenue
9th Floor
Boston, MA 02199-7613
Telephone: 617-239-0100
Fax: 617-227-4420
www.lockelord.com

Stephen Bright
Associate
Direct Telephone: 617-239-0133
Direct Fax: 888-325-9053
stephen.bright@lockelord.com

June 4, 2021

Via Electronic Mail and First Class Mail

Melanie A. Bachman, Esq.
Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

RE: ***Petition No. 1310A*** – Quinebaug Solar, LLC petition for a declaratory ruling, pursuant to Connecticut General Statutes §4-176 and §16-50k, for the proposed construction, maintenance and operation of a 50 megawatt AC solar photovoltaic electric generating facility on approximately 561 acres comprised of 29 separate and abutting privately-owned parcels located generally north of Wauregan Road in Canterbury and south of Rukstela Road and Allen Hill Road in Brooklyn, Connecticut. Reopening of this petition based on changed conditions pursuant to Connecticut General Statutes §4-181a(b).

Dear Ms. Bachman:

I am writing on behalf of the Petitioner, Quinebaug Solar, LLC, (“Quinebaug”) to request the Connecticut Siting Council’s (“Council”) approval of certain revisions to Quinebaug’s approved Development and Management Plan (“D&M Plan” as outlined below).¹

As an initial matter, the revisions do not increase the project’s footprint or impact on the surround area. The revisions fall into two groups: 1) increases in buffers and protected areas required as a result of recent changes by the Connecticut Department of Energy and Environmental Protection (“DEEP”) Connecticut Construction General Permit (“General Permit”) and DEEP’s National Diversity Data Base (“NDDB”) program, and 2) minor revisions to the layout of the project to improve the efficiency and maximize the production of the project as a result of DEEP and NDDB’s guidance. The requested revisions and an explanation of the need for each are described further below.

1) Quinebaug originally estimated that the project would consist of approximately 179,128 fixed solar panels at approximately 410 Watts direct current (“DC”) each, for a total of

¹ Petition 1310A, Council Decision on Partial D&M Plan (November 20, 2020); Council Decision on Partial D&M Plan II (March 26, 2021).

approximately 73.44 megawatts (“MW”) DC. As a result of changes in the General Permit, combined with continued negotiations with NDDDB to modify and enhance the resource buffers and protection areas on site, Quinebaug’s developable area was reduced. This, in turn, resulted in a reduction of the number of panels and DC system size. During the course of project development, technological advancements, material shortages, and industry changes have impacted the availability of the solar panels. Based on the above requirements of CT DEEP and NDDDB, supply availability, and in an effort to efficiently use the reduced area to improve the energy production of the facility, Quinebaug will use 445 Watt panels for the project and provided for this panel change in the D&M Plan II. Based on those previously approved panels, Quinebaug will now consist of 149,604 fixed solar panels and a total system size of 66.57 MW DC.

Now that Quinebaug has finalized its panel selection, it can now state its final panel height. Quinebaug initially indicated that the top of the solar arrays would reach a height of *approximately* six feet (emphasis added). For the reasons outlined above, Quinebaug has finalized its panel selection. The top of the array will now reach a height of six feet, four inches.

2) Quinebaug indicated to the Council that the access roads on site would require approximately 7,227 cubic yards of cut and 14,235 cubic yards of fill, while the solar field grading would require approximately 62,195 cubic yards of cut and 28,150 cubic yards of fill, which totaled approximately 69,422 cubic yards of cut and 42,385 cubic yards of fill. However, because of NDDDB requirements and the changes to DEEP’s General Permit requirements associated with stormwater and setbacks, Quinebaug now estimates that it will require approximately 77,260 cubic yards of cut and 169,885 cubic yards of fill for both the access roads and solar field grading on site.

The changes to the General Permit and negotiations with NDDDB required Quinebaug to modify and enhance the resource buffers and protection areas on site, which reduced the developable area. This reduction in developable area required additional grading on the site outside of the modified buffers to create additional developable area to offset the loss in system size associated with the additional buffers. These additional graded areas were included in the drawings submitted with the D&M plan in January 2020, but the cut and fill quantities were not updated for the D&M Plan. Quinebaug seeks Council approval of these updated cut and fill quantities.

3) Following submittal of the D&M Plan in January and subsequent approval of the General Permit on March 15, 2021, the electrical portions of Quinebaug’s design were advanced to final construction-level. This process resulted in some minor relocation of the equipment pads, access roads, and the location of some solar panels. These changes were made to improve the efficiency of the system within the increased resource buffers required by NDDDB and DEEP. Again, however, the original project footprint remains the same. Quinebaug will submit record drawings for the project upon completion of construction.

Melanie A. Bachman, Esq.
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Quinebaug reiterates its commitment to complying with the Council's regulations, including those requiring that any updates to the D&M Plan be approved before implementation. As provided above, external and internal changes often occur during the course of the solar development process, including as unexpected regulatory changes that can impact the design and layout of a solar project. Quinebaug seeks approval of the above changes, and affirms that it will seek approval of any additional proposed changes to its D&M Plan in advance. Quinebaug notes that such changes may be required due to similar developments impacting its substation construction plans.

Please feel free to contact the undersigned or David Bogan (860-541-7711) should you have any questions regarding this submission.

Very truly yours,

A handwritten signature in blue ink, appearing to read "Stephen Bright", with a stylized flourish at the end.

Stephen Bright

CERTIFICATION

I hereby certify that on June 4, 2021, the foregoing was delivered by electronic mail, in accordance with § 16-50j-12 of the Regulations of Connecticut State Agencies, to all parties and intervenors of record, as follows:

Troy and Meghan Sposato
192 Wauregan Road
Canterbury, CT 06331
megsposato@yahoo.com
tsposato9@yahoo.com

Kathleen M. Shanley
Manager – Transmission Siting
Eversource Energy
P.O. Box 270
Hartford, CT 06141-0270
kathleen.shanley@eversource.com

Jeffery D. Cochran
Senior Counsel
Eversource Energy
P.O. Box 270
Hartford, CT 06141-0270
jeffery.cochran@eversource.com

Marianne Barbino Dubuque
Carmody Torrance Sandak & Hennessey LLP
P.O. Box 1110
Waterbury, CT 06721-1110
mdubuque@carmodylaw.com



Stephen Bright

QUINEBAUG SOLAR PROJECT

SITE / CIVIL CONSTRUCTION SET

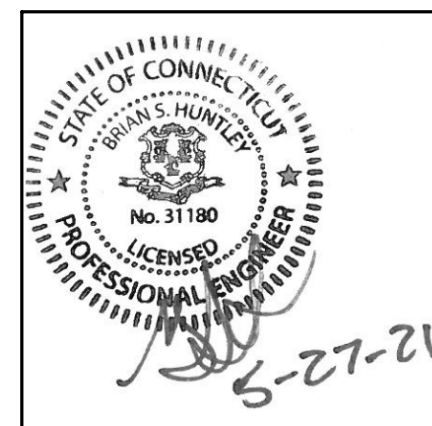
BROOKLYN AND CANTERBURY, CONNECTICUT

MAY 2021

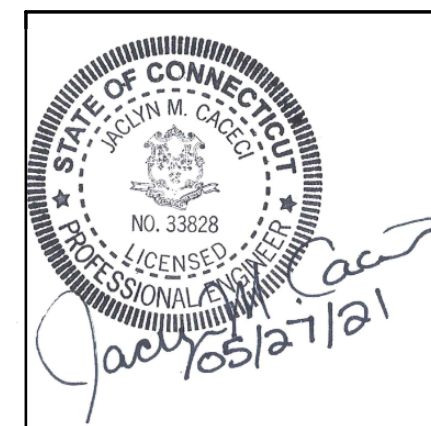
PROJECT INFORMATION	
SITE ADDRESS	253 WAUREGAN RD, CANTERBURY, CT 06331
COUNTY PARCEL NUMBER(S)	CT-022-67-17J; CT-022-67-17F; CT-022-67-17B; CT-022-66-5; CT-022-67-17; CT-022-67-17I; CT-022-67-17G; CT-022-67-17E; CT-022-67-17O; CT-022-67-17K; CT-022-67-17M; CT-022-67-17N; CT-022-67-17H; CT-022-67-17D; CT-022-67-7; CT-022-66-6; CT-022-67-17L; CT-022-67-17A; CT022-67-17C; CT-019-30-16; CT-019-30-17; CT-019-30-15; CT-019-30-12A; CT-019-29-1; CT-019-21-7; CT-019-29-2; CT-019-30-18; CT-019-30-12
GPS COORDINATES	41°44'19"N, 71°56'05"W
SITE ELEVATION	246'
UTILITY NAME	EVERSOURCE
UTILITY ADDRESS	1 SULLIVAN RD, HOLYOKE, MA 01040
UTILITY CONTACT INFORMATION	ISO-NE
DEVELOPER NAME	QUINEBAUG SOLAR, LLC C/O NEXTERA ENERGY RESOURCES, LLC
DEVELOPER ADDRESS	700 UNIVERSE BOULEVARD, JUNO BEACH, FL 33408
DEVELOPER CONTACT INFORMATION	(914) 256-7644
CIVIL ENGINEER OF RECORD (EOR) NAME	TIGHE & BOND, INC.
CIVIL EOR ADDRESS	213 COURT STREET, #1100, MIDDLETOWN, CT 06457
CIVIL EOR CONTACT INFORMATION	BRIAN S. HUNTLEY BSHUNTLEY@TIGHEBOND.COM (413) 875-1301
APPLICABLE BUILDING PERMIT AUTHORITY	BROOKLYN AND CANTERBURY

PREPARED BY:

Tighe&Bond

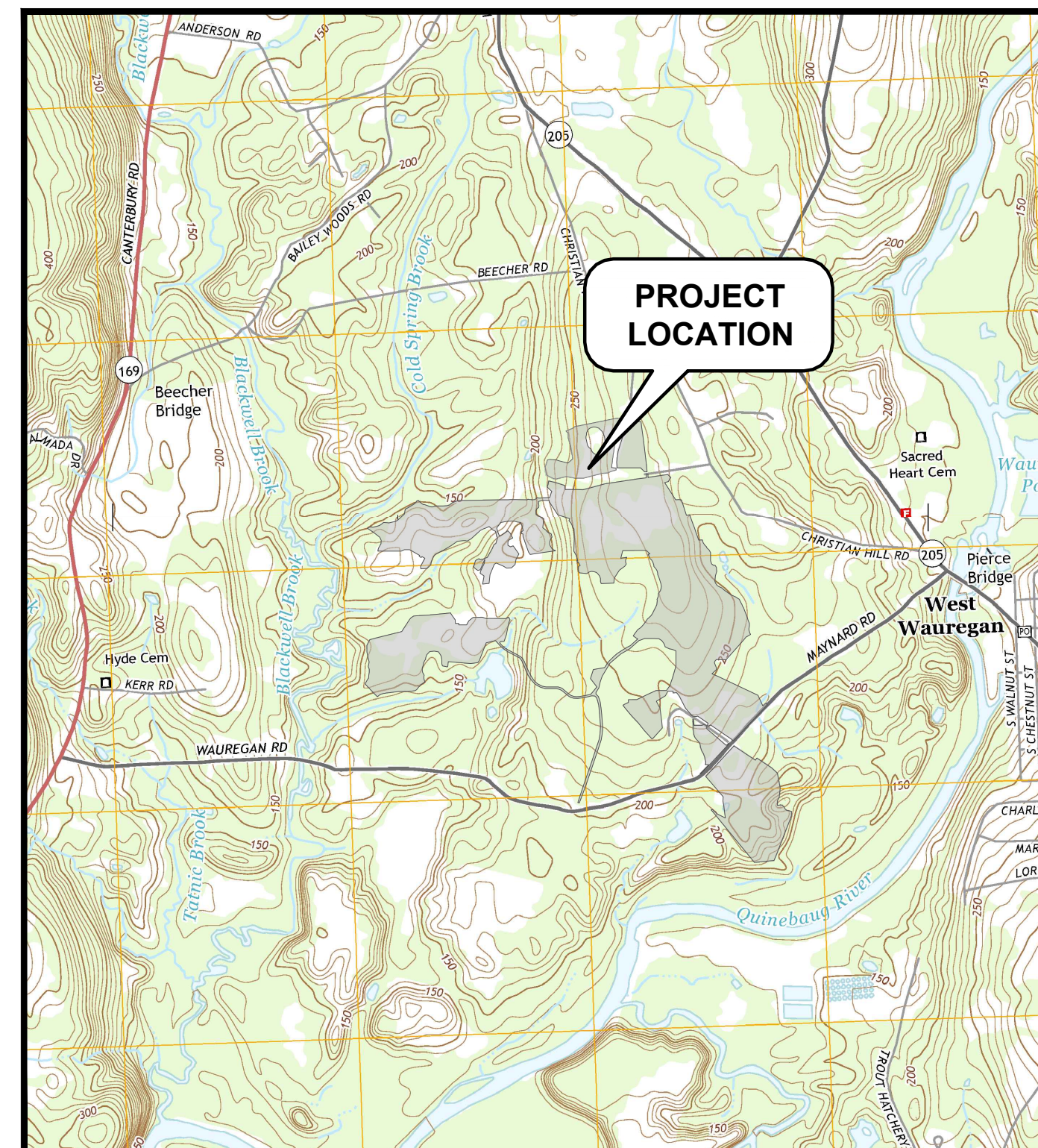


BRIAN S. HUNTLEY, PE



JACLYN M. CACECI, PE

REFERENCE DRAWINGS	
# SHEETS	DRAWING SET TITLE
85	QUINEBAUG SOLAR PROJECT - SOIL EROSION AND SEDIMENT CONTROL PLAN



SCALE: 1" = 2,000'

LIST OF DRAWINGS	
SHEET NO.	SHEET TITLE
	COVER SHEET
G-001	NOTES AND LEGEND
C-001 - C-040	EXISTING CONDITIONS AND DEMOLITION
C-041 - C-080	PROPOSED CONDITIONS
C-081	CUT/FILL PLAN
C-082 - C-085	DETAILS

PROJECT SUMMARY	
SYSTEM AC SIZE (MW)	49.36
SYSTEM DC SIZE (MW)	66.57
EQUIPMENT PAD COUNT	24

CIVIL SITE BASIS AND QUANTITY ESTIMATES	
PROJECT ZONING	EXEMPT PER CONNECTICUT SITING COUNCIL APPROVAL
CODE(S) APPLIED	N/A
ENTRANCE WIDTH MIN. BY CODE (FT)	TBD
ENTRANCE WIDTH DESIGNED (FT)	12
ROAD WIDTH MIN. BY CODE (FT)	TBD
ROAD WIDTH DESIGNED (FT)	12
MAX. STRUCTURE HEIGHT BY CODE (FT)	N/A
MAX. STRUCTURE HEIGHT DESIGNED (FT)	N/A
MAX. FENCE HEIGHT BY CODE (FT)	N/A
FENCE HEIGHT DESIGNED (FT)	7 FT SOLAR ARRAY / 8 FT SUBSTATION
MAX. STRUCTURE COVERAGE BY CODE (%)	N/A
STRUCTURE COVERAGE BY DESIGN (%)	N/A
PROPERTY AREA (ACRES)	599
FENCED AREA (ACRES)	174
EQUIPMENT AREA (ACRES)	0.25
LAYDOWN AREA (ACRES)	33
DRIVEN POST SINGLE CROSS SECTION AREA (SF)	0.0488251
DRIVEN POST QUANTITY	26,400
DRIVEN POST TOTAL AREA (SF)	1,289
TOTAL DISTURBED AREA (ACRES)	215
ROAD LENGTH (LF)	14,640
AGGREGATE BASE MATERIAL ¹ (CY)	4,010
SILT FENCE (LF)	74,320
CHAIN LINK FENCE (LF)	37,200
GATE COUNT	15
DEMOLISHED STONE WALLS (LF)	1,995
CUT (CY)	80,579
FILL (CY)	195,505

1. AGGREGATE BASE MATERIAL QUANTITY ASSUMES 6" SUBBASE UNDER ALL ACCESS ROADS, NOT INCLUDING EXISTING ROAD FROM WAUREGAN RD TO THE EXISTING SOCCER FIELDS.

ISSUED FOR CONSTRUCTION

COMPLETE SET 87 SHEETS

Last Saved: 5/27/2021
 Plotted On: May 27, 2021 - 6:45pm By: Jcengua
 Tighe & Bond: J:\R\0317 Raner Solar\R-0317-2 Quinebaug Drawings Figures\AutoCAD\Sheet\Construction Drawings\ Issued for Construction\Quinebaug Details - IFC.dwg

LEGEND		
DESCRIPTION	EXISTING	PROPOSED
PROPERTY LINE	----	----
PROPERTY LINE SETBACK	----	----
EASEMENT LINE	----	----
LIMITS OF WORK		----
TOWN BOUNDARY		----
INTERMEDIATE CONTOURS	-----124-----	<div><div>222</div></div>
INDEX CONTOURS	-----120-----	<div><div>220</div></div>
SPOT GRADE	X 262.69	<div><div>262.69</div></div>
MAGNITUDE & DIRECTION OF SLOPE		<div><div>2%</div></div>
GRAVEL ROAD/DRIVEWAY	-----GHW-----GHW-----	-----GHW-----GHW-----
OVERHEAD ELECTRIC LINE	-----OHW-----OHW-----	-----OHW-----OHW-----
CHAIN LINK FENCE	X X X X	X X X X
TREE LINE	~~~~~	~~~~~
TIER 1 PLANTINGS		<div><div></div></div>
TIER 2 PLANTINGS		<div><div></div></div>
TIER 3 PLANTINGS		<div><div></div></div>
UTILITY POLE	<div><div></div></div>	<div><div></div></div>
SIGN	<div><div></div></div>	<div><div></div></div>
FLARED END SECTION		<div><div></div></div>
AREA OF PROPOSED TREE CLEARING - STUMPS TO REMAIN		<div><div></div></div>
AREA OF PROPOSED TREE CLEARING AND STUMP REMOVAL		<div><div></div></div>
CONSTRUCTION LAYDOWN AREA		<div><div></div></div>
REMOVE/REMOVE AND DISPOSE		//////////
WETLAND	<div><div>WETLAND</div></div>	
DIRECTIONAL BUFFER / VERNAL POOL ENVELOPE	-----	-----
HERPETOFAUNA PROTECTION AREA	=====	=====
CULTURAL RESOURCE AREA TO BE AVOIDED AND PROTECTED DURING CONSTRUCTION	=====	=====
STONE WALL	~~~~~	~~~~~
WETLAND BUFFER	-----	-----
WATERCOURSE BUFFER	-----	-----
DELINEATED WATERCOURSE	-----	-----
VERNAL POOL	-----▲-----▲-----▲-----▲-----▲-----▲-----	-----▲-----▲-----▲-----▲-----▲-----▲-----
DELINEATED WETLAND	-----▲-----▲-----▲-----▲-----▲-----▲-----	-----▲-----▲-----▲-----▲-----▲-----▲-----

ABBREVIATIONS

APPROX.	APPROXIMATE
CY	CUBIC YARD
DIA	DIAMETER
E	EAST
EL/ELEV	ELEVATION
IN	INCHES
INV	INVERT
IRF	IRON ROD FOUND
LF	LINEAR FEET
MAX	MAXIMUM
MIN	MINIMUM
N	NORTH
N/A	NOT APPLICABLE
N/F	NOW OR FORMERLY
OC	ON CENTER
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVATURE
PI	POINT OF INTERSECTION
PRC	POINT OF REVERSE CURVATURE
PSI	POUNDS PER SQUARE FOOT
PT	POINT OF TANGENCY
R	RADIUS
R&D	REMOVE AND DISPOSE
S	SOUTH
SF	SQUARE FOOT
TYP	TYPICAL

GENERAL NOTES

- PER CONNECTICUT LAW, CALL 811 (CALL BEFORE YOU DIG), THE MUNICIPALITY AND THE PROPERTY OWNER PRIOR TO ANY UNDERGROUND EXCAVATION ON SITE. SUBMIT THE CALL BEFORE YOU DIG VERIFICATION NUMBER TO THE APPROPRIATE MUNICIPALITY PRIOR TO ANY EXCAVATION, DEMOLITION AND REMOVAL OR CONSTRUCTION WORK.
- OBTAIN, PAY FOR AND COMPLY WITH ADDITIONAL PERMITS, NOTICES AND FEES NECESSARY TO COMPLETE THE WORK. ARRANGE AND PAY FOR NECESSARY INSPECTIONS AND APPROVALS FROM THE AUTHORITIES HAVING JURISDICTION.
- FIELD VERIFY EXISTING CONDITIONS PRIOR TO CONSTRUCTION. IF FIELD CONDITIONS ARE OBSERVED THAT SIGNIFICANTLY VARY FROM THOSE SHOWN ON THESE PLANS, IMMEDIATELY NOTIFY THE ENGINEER FOR RESOLUTION OF THE CONFLICTING INFORMATION.
- LIGHT TEXT AND LINES INDICATE APPROXIMATE EXISTING CONDITIONS. BOLD TEXT AND LINES INDICATE PROPOSED WORK.
- NOTIFY THE ENGINEER OF ANY EXISTING UTILITY DISCOVERED DURING THE WORK THAT IS NOT SHOWN ON THE DRAWINGS.
- COMPLY WITH LATEST OSHA STANDARDS FOR EXCAVATION WORK. FOLLOW ALL REQUIREMENTS OF OSHA EXCAVATION STANDARDS INCLUDING, BUT NOT LIMITED TO, THE PROVISION FOR A COMPETENT PERSON ON SITE AND ANY REQUIRED DOCUMENTATION REQUIRES CERTIFICATION BY A PROFESSIONAL ENGINEER.
- MAINTAIN ALL UTILITIES FUNCTIONING PROPERLY IN THE AREAS UNDER CONSTRUCTION PRIOR TO THE TIME WHEN FINAL WORK IS PUT INTO USE. LEAVE ALL PIPES AND STRUCTURES WITHIN THE LIMITS OF THIS CONTRACT IN A CLEAN AND OPERABLE CONDITION AT THE COMPLETION OF THE WORK. TAKE ALL NECESSARY PRECAUTIONS TO PREVENT SAND AND SILT FROM DISTURBED AREAS FROM ENTERING UTILITY SYSTEMS. CONTRACTOR IS RESPONSIBLE FOR DAMAGE SUSTAINED TO ANY EXISTING UTILITIES AND IS RESPONSIBLE FOR REPAIRS THAT COMPLY WITH THE REQUIREMENTS OF THE MUNICIPALITY OR RESPECTIVE UTILITY COMPANY AT NO ADDITIONAL COST TO THE OWNER.
- DISPOSE OF ANY AND ALL DEMOLISHED BUILDING MATERIALS, STORAGE TANKS, PAVEMENT, BITUMINOUS CURBING, CONCRETE, VEGETATION, SURPLUS MATERIAL, SITE RUBBLE AND OTHER DEMOLITION DEBRIS OFF-SITE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.
- LOAM AND SEED ALL DISTURBED AREAS UNLESS OTHERWISE SPECIFIED. OVER-EXCAVATE LOAM AND SEED AREAS AS REQUIRED TO PROVIDE REQUIRED LOAM DEPTH AND MEET ADJACENT GRADE.
- TEST PITS TO LOCATE EXISTING UTILITIES ARE STRONGLY ENCOURAGED AND MAY BE ORDERED BY THE OWNERS PROJECT REPRESENTATIVE.
- TAKE NECESSARY MEASURES AND PROVIDE CONTINUOUS BARRIERS OF SUFFICIENT TYPE, SIZE AND STRENGTH TO PREVENT ACCESS TO ALL WORK AND STAGING AREAS AT THE COMPLETION OF EACH DAY'S WORK.
- STORE FUEL, OIL, PAINT OR OTHER HAZARDOUS MATERIALS IN A SECONDARY CONTAINER AND REMOVE FROM THE SITE TO A LOCKED INDOOR AREA WITH AN IMPERVIOUS FLOOR DURING NON-WORK HOURS.
- PROVIDE A SUPPLY OF ABSORBENT SPILL RESPONSE MATERIALS, SUCH AS BOOMS, BLANKETS AND OIL ABSORBENT MATERIALS AT THE CONSTRUCTION SITE AT ALL TIMES TO CLEAN UP POTENTIAL SPILLS OF HAZARDOUS MATERIALS. IMMEDIATELY REPORT SPILLS OF HAZARDOUS MATERIALS TO THE STATE ENVIRONMENTAL AGENCY AND THE MUNICIPALITY WHERE THE SPILL OCCURRED.
- REGRADE ALL UNPAVED AREAS DISTURBED BY THE WORK TO ORIGINAL CONTOURS OR PROPOSED CONTOURS AS REQUIRED BY THE DRAWINGS. LOAM AND SEED ALL UNPAVED AREAS DISTURBED BY THE WORK, UNLESS OTHERWISE SPECIFIED.
- PROVIDE ACCESS FOR EMERGENCY VEHICLES AT ALL TIMES.
- ALL PROPOSED WORK MAY BE MODIFIED IN THE FIELD BY THE OWNERS PROJECT REPRESENTATIVE TO MATCH EXISTING CONDITIONS.
- COORDINATE ALL WORK WITH THAT OF ALL SUBCONTRACTORS, THE OWNER, AND OTHER CONTRACTORS WORKING WITHIN THE PROJECT LIMITS.
- AREAS OUTSIDE THE LIMIT OF WORK DISTURBED BY CONSTRUCTION WILL BE RETURNED TO THEIR ORIGINAL CONDITION OR BETTER AND WILL BE GRADED TO MATCH THE ADJACENT PROPOSED CONSTRUCTION AS DIRECTED BY THE OWNERS PROJECT REPRESENTATIVE. COST FOR THIS WORK WILL BE BORNE BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- CULVERTS TO BE INSPECTED AT COMPLETION OF PROJECT AND REPLACED IF NEEDED DUE TO DAMAGE DURING CONSTRUCTION.
- UNDERDRAIN SYSTEMS ARE COMMON IN AGRICULTURAL FIELDS AND ARE NOT DOCUMENTED ON SITE NOR LOCATED BY SURVEY. IF UNDERDRAINS ARE DAMAGED DURING CONSTRUCTION THEY SHALL BE REPAIRED SO EXISTING SUBSURFACE DRAINAGE SYSTEM IS FUNCTIONAL AT THE END OF THE CONSTRUCTION.
- ALL STONE WALLS WITHIN LIMIT OF WORK TO BE PROTECTED THROUGHOUT CONSTRUCTION UNLESS WALLS SPECIFICALLY LABELED FOR REMOVAL.
- ALL CONSTRUCTION ACTIVITIES, INCLUDING TEMPORARY LAYDOWN, ARE LIMITED TO AREAS WITHIN THE LIMIT OF WORK. NO WORK MAY BE PERFORMED BEYOND THE LIMIT OF WORK LINE.

PLAN REFERENCES

- EXISTING CONDITIONS ARE BASED ON INFORMATION PROVIDED BY CORNERSTONE ENERGY SERVICES IN "ALTA/NSPS LAND TITLE SURVEY OF LAND OF EXLEY", DATED MARCH 6, 2020.
- VERNAL POOL SURVEYS WERE CONDUCTED BY TETRA TECH AND SUBCONTRACTORS IN 2017-2019.
- WETLAND AND WATERCOURSE DELINEATIONS WERE COMPLETED BY TETRA TECH IN 2017 AND 2018.
- DESIGN PARAMETERS (E.G., INTERROW SPACING, PANEL TILT, LEADING EDGE HEIGHT, ETC.) PROVIDED BY NEXTERA ENERGY.
- THE HORIZONTAL DATUM REFERENCED IS NAD83 AND THE VERTICAL DATUM IS NAVD 88.

EROSION CONTROL NOTES

- THIS DRAWING SET COVERS POST-CONSTRUCTION STORMWATER CONTROL MEASURES ONLY. REFER TO THE QUINEBAUG SOLAR PROJECT SOIL EROSION AND SEDIMENT CONTROL PLAN DRAWINGS AND STORMWATER POLLUTION CONTROL PLAN FOR CONSTRUCTION STORMWATER CONTROL MEASURES.
- INSTALL ALL EROSION CONTROL MEASURES SHOWN, SPECIFIED AND REQUIRED BY THE ENGINEER PRIOR TO ANY CONSTRUCTION OR IMMEDIATELY UPON REQUEST. MAINTAIN ALL SUCH CONTROL MEASURES UNTIL FINAL SURFACE TREATMENTS ARE IN PLACE AND/OR UNTIL PERMANENT VEGETATION IS ESTABLISHED.
- PRIOR TO STARTING WORK, CLEARLY STAKE WORK LIMIT LINE(S). DO NOT DISTURB VEGETATION AND TOPSOIL BEYOND THE PROPOSED LIMIT LINE. COORDINATE WITH THE OWNERS PROJECT REPRESENTATIVE ON LOCATIONS FOR THE TEMPORARY STOCKPILING OF TOPSOIL DURING CONSTRUCTION.
- SIDE SLOPES, SHOULDER AREAS AND DISTURBED VEGETATED AREAS SHALL BE GRADED TO A MAXIMUM GRADE OF 3:1, COMPACTED, STABILIZED, AND LOAMED AND SEEDED AS SHOWN ON PLANS. SLOPES STEEPER THAN 3:1 SHALL BE COVERED WITH EROSION CONTROL BLANKETS TO PREVENT EROSION.
- REMOVE SILT TRAPPED AT BARRIERS AND DISPOSE OF IT IN UPLAND AREAS OUTSIDE OF BUFFER ZONES. REMOVE MATERIALS DEPOSITED IN ANY TEMPORARY SETTLING BASIN AT THE COMPLETION OF PROJECT. RESTORE ALL AREAS DISTURBED BY SETTLING BASINS.
- SETTLE OR FILTER ALL SILT-LADEN WATER FROM DEWATERING ACTIVITIES IN A SEDIMENTATION OR FILTER BAG TO REMOVE SEDIMENTS PRIOR TO RELEASE TO ANY WATERWAY LOCATED DOWNSTREAM OF THE DEWATERED AREA.
- SWEEP AND COLLECT ANY SEDIMENT TRACKED ONTO PUBLIC RIGHT-OF-WAYS AT THE END OF EACH DAY.
- LOAM AND SEED ALL DISTURBED AREAS TO ESTABLISH VEGETATIVE COVER AND STABILIZATION AS SOON AS POSSIBLE FOLLOWING DISTURBANCE.
- PERMANENT STORMWATER BASINS WHICH OVERLAP LOCATIONS OF TEMPORARY STORMWATER FEATURES USED DURING CONSTRUCTION TO MANAGE STORMWATER SHALL BE EXCAVATED TO A SUITABLE DEPTH TO REMOVE ACCUMULATED SEDIMENT AND RESTORE INFILTRATION CHARACTERISTICS OF THE NATIVE SOIL. PERMANENT STORMWATER BASINS AND OTHER STORMWATER MANAGEMENT FEATURES SHALL NOT BE DISTURBED BY ANY VEHICLE TRAFFIC OR OTHER CONSTRUCTION ACTIVITIES.

WINTER STABILIZATION NOTES

- PREPARE A SNOW MANAGEMENT PLAN WITH ADEQUATE STORAGE FOR SNOW AND CONTROL OF MELT WATER, REQUIRING CLEARED SNOW TO BE STORED IN A MANNER NOT AFFECTING ONGOING CONSTRUCTION ACTIVITIES.
- ENLARGE AND STABILIZE ACCESS POINTS TO PROVIDE FOR SNOW MANAGEMENT AND STOCKPILING. SNOW MANAGEMENT ACTIVITIES MUST NOT DESTROY OR DEGRADE INSTALLED EROSION AND SEDIMENT CONTROL PRACTICES.
- A MINIMUM 25 FOOT BUFFER SHALL BE MAINTAINED FROM ALL PERIMETER CONTROLS SUCH AS SILT FENCE. MARK SILT FENCE WITH TALL STAKES THAT ARE VISIBLE ABOVE THE SNOW PACK.
- EDGES OF DISTURBED AREAS THAT DRAIN TO A WATERBODY WITHIN 100 FEET WILL HAVE 2 ROWS OF SILT FENCE, 5 FEET APART, INSTALLED ON THE CONTOUR.
- DRAINAGE STRUCTURES MUST BE KEPT OPEN AND FREE OF SNOW AND ICE DAMS. ALL DEBRIS, ICE DAMS, OR DEBRIS FROM PLOWING OPERATIONS, THAT RESTRICT THE FLOW OF RUNOFF AND MELTWATER, SHALL BE REMOVED.
- SEDIMENT BARRIERS MUST BE INSTALLED AT ALL APPROPRIATE PERIMETER AND SENSITIVE LOCATIONS. SILT FENCE AND OTHER PRACTICES REQUIRING EARTH DISTURBANCE MUST BE INSTALLED WHILE GROUND IS UNFROZEN.
- SOIL STOCKPILES MUST BE PROTECTED BY THE USE OF ESTABLISHED VEGETATION, ANCHORED STRAW MULCH, ROLLED STABILIZATION MATTING, OR OTHER DURABLE COVERING. A BARRIER MUST BE INSTALLED AT LEAST 15 FEET FROM THE TOE OF THE STOCKPILE TO PREVENT SOIL MIGRATION AND TO CAPTURE LOOSE SOIL.
- IN AREAS WHERE SOIL DISTURBANCE ACTIVITY HAS TEMPORARILY OR PERMANENTLY CEASED, THE APPLICATION OF SOIL STABILIZATION MEASURES SHOULD BE INITIATED BY THE END OF THE NEXT BUSINESS DAY AND COMPLETED WITHIN THREE (3) DAYS. ROLLED EROSION CONTROL BLANKETS MUST BE USED ON ALL SLOPES 3 HORIZONTAL TO 1 VERTICAL OR STEEPER.
- IF STRAW MULCH ALONE IS USED FOR TEMPORARY STABILIZATION, IT SHALL BE APPLIED AT DOUBLE THE STANDARD RATE OF 2 TONS PER ACRE, MAKING THE APPLICATION RATE 4 TONS PER ACRE. OTHER MANUFACTURED MULCHES SHOULD BE APPLIED AT DOUBLE THE MANUFACTURER'S RECOMMENDED RATE.
- TO ENSURE ADEQUATE STABILIZATION OF DISTURBED SOIL IN ADVANCE OF A MELT EVENT, AREAS OF DISTURBED SOIL SHOULD BE STABILIZED AT THE END OF EACH WORK DAY UNLESS:
 - WORK WILL RESUME WITHIN 24 HOURS IN THE SAME AREA AND NO PRECIPITATION IS FORECAST OR;
 - THE WORK IS IN DISTURBED AREAS THAT COLLECT AND RETAIN RUNOFF, SUCH AS OPEN UTILITY TRENCHES, FOUNDATION EXCAVATIONS, OR WATER MANAGEMENT AREAS.

Tighe&Bond



ISSUED FOR CONSTRUCTION

Quinebaug Solar Project

Quinebaug Solar, LLC

Brooklyn & Canterbury, Connecticut

VERIFY SCALE	
BAR IS 1 INCH ON ORIGINAL DRAWING	1 INCH
0	IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

MARK	DATE	DESCRIPTION
PROJECT NO: R0317		
DATE: 05/2021		
FILE:Quinebaug Details - IFC.dwg		
DRAWN BY: ALG/JDG		
CHECKED: JMC		
APPROVED: BSH		
NOTES AND LEGEND		
SCALE:		AS SHOWN
G-001		



Tighe&Bond

12-12-5-27-21

Joe 10/12/21

ISSUED FOR CONSTRUCTION

Quinebaug Solar Project

Quinebaug Solar, LLC

Brooklyn & Canterbury, Connecticut

VERIFY SCALE

BAR IS 1 INCH ON ORIGINAL DRAWING

0 1 INCH

IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

MARK	DATE	DESCRIPTION
PROJECT NO:	R0317	
DATE:	05/2021	
FILE:	Quinebaug Existing Conditions - IFC.dwg	
DRAWN BY:	ALG/JDG	
CHECKED:	JMC	
APPROVED:	BSH	

EXISTING CONDITIONS AND DEMOLITION - OVERALL

SCALE: 1" = 350'

C-001

Last Saved: 5/27/2021
Plotted On: May 27, 2021 5:03pm BY: AGI/clnstr
Tighe & Bond: J:\R0317 Rander Solar\R-0317-2 Quinebaug Drawings Figures\AutoCAD\Sheet Construction Drawings\ Issued for Construction\Quinebaug Existing Conditions - IFC.dwg

Quinebaug Solar Project

Quinebaug
Solar, LLC

Brooklyn &
Canterbury,
Connecticut

VERIFY SCALE

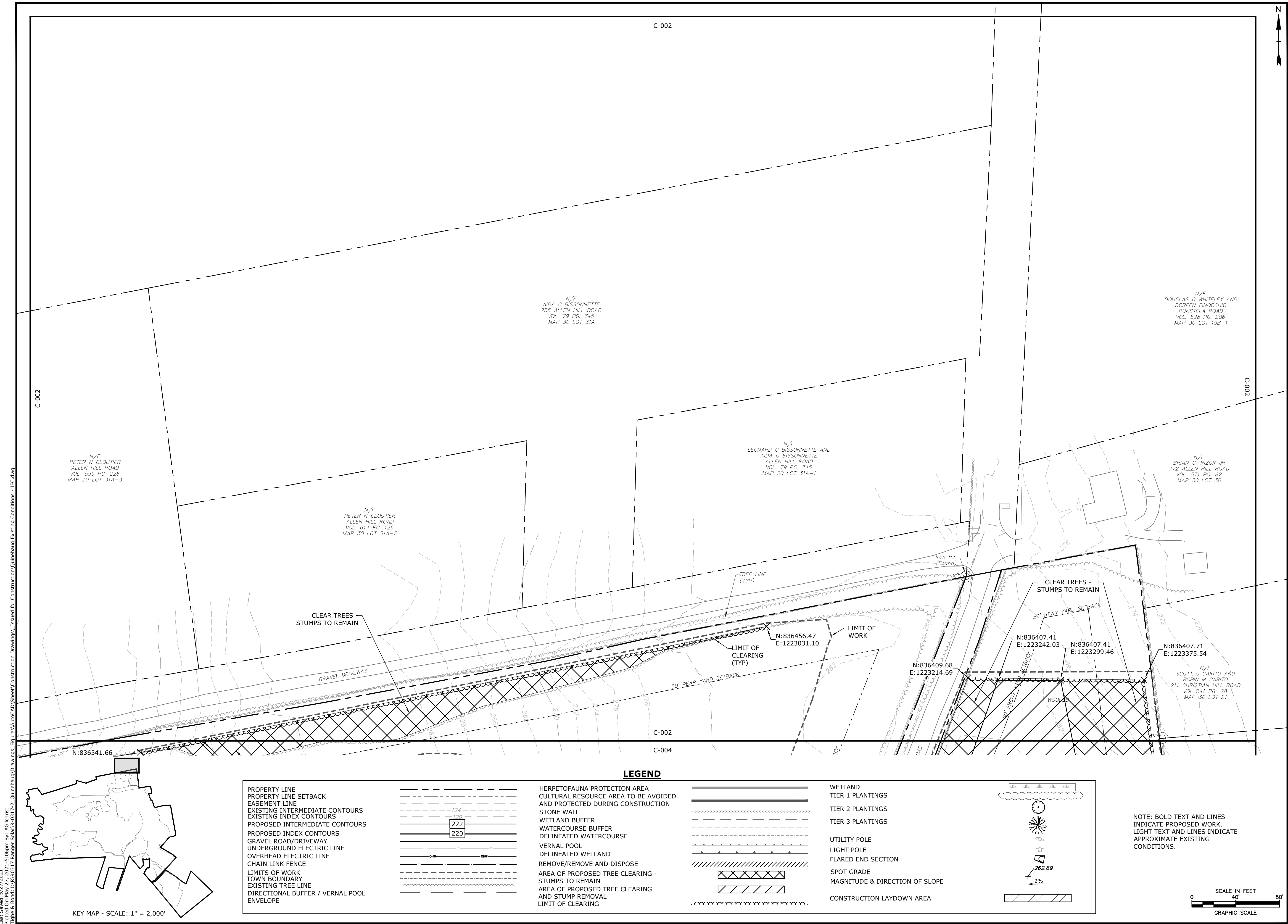
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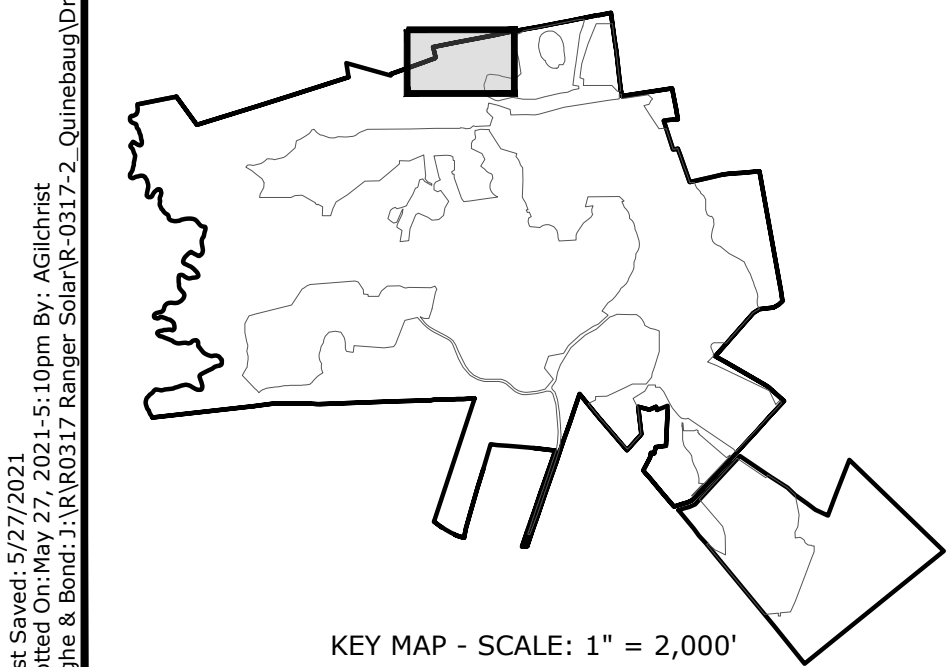
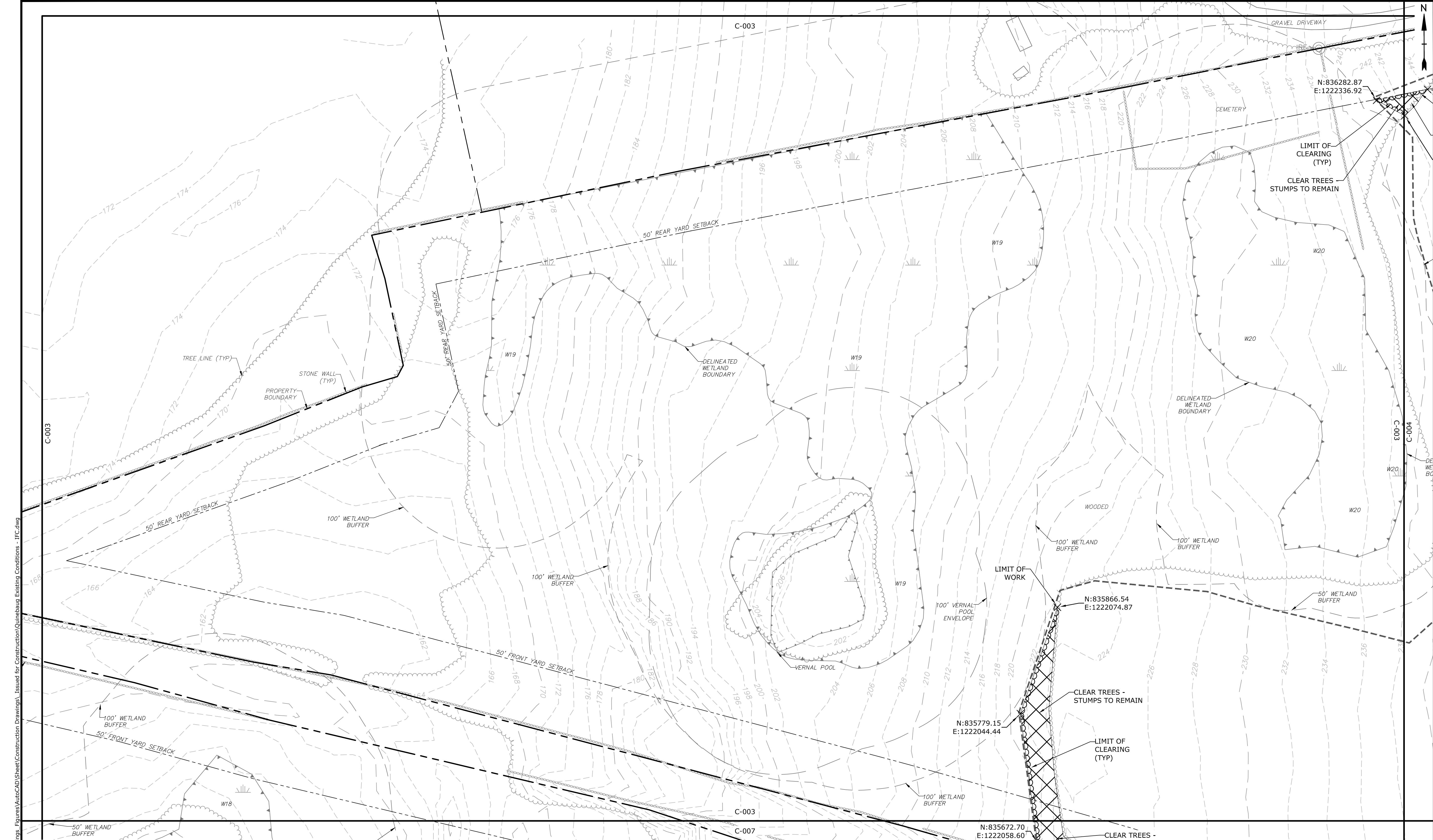
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DATE:		05/2021
FILE:	Quinebaug Existing Conditions - IFC.dwg	
DRAWN BY:		ALG/JDG
CHECKED:		JMC
APPROVED:		BSH

EXISTING CONDITIONS AND DEMOLITION - 1

SCALE: 1" = 40'

C-002





LEGEND

PROPERTY LINE
PROPERTY LINE SETBACK
EASEMENT LINE
EXISTING INTERMEDIATE CONTOURS
EXISTING INDEX CONTOURS
PROPOSED INTERMEDIATE CONTOURS
PROPOSED INDEX CONTOURS
GRAVEL ROAD/DRIVEWAY
UNDERGROUND ELECTRIC LINE
OVERHEAD ELECTRIC LINE
CHAIN LINK FENCE
LIMITS OF WORK
TOWN BOUNDARY
EXISTING TREE LINE
DIRECTIONAL BUFFER / VERNAL POOL ENVELOPE

HERPETOFAUNA PROTECTION AREA
CULTURAL RESOURCE AREA TO BE AVOIDED AND PROTECTED DURING CONSTRUCTION
STONE WALL
WETLAND BUFFER
WATERCOURSE BUFFER
DELINEATED WATERCOURSE
VERNAL POOL
DELINEATED WETLAND
REMOVE/REMOVE AND DISPOSE
AREA OF PROPOSED TREE CLEARING - STUMPS TO REMAIN
AREA OF PROPOSED TREE CLEARING AND STUMP REMOVAL
LIMIT OF CLEARING

WETLAND
TIER 1 PLANTINGS
TIER 2 PLANTINGS
TIER 3 PLANTINGS
UTILITY POLE
LIGHT POLE
FLARED END SECTION
SPOT GRADE
MAGNITUDE & DIRECTION OF SLOPE
CONSTRUCTION LAYDOWN AREA

NOTE: BOLD TEXT AND LINES INDICATE PROPOSED WORK. LIGHT TEXT AND LINES INDICATE APPROXIMATE EXISTING CONDITIONS.

SCALE IN FEET
0 40' 80'
GRAPHIC SCALE

Tighe&Bond

STATE OF CONNECTICUT
BRYAN S. HUNTER
No. 31180
LICENSED PROFESSIONAL ENGINEER
5-27-21

STATE OF CONNECTICUT
JOHN M. GAGLIARDI
No. 33828
LICENSED PROFESSIONAL ENGINEER
Jae 105/27/21

ISSUED FOR CONSTRUCTION

Quinebaug Solar Project

Quinebaug Solar, LLC

Brooklyn & Canterbury, Connecticut

VERIFY SCALE
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IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

MARK	DATE	DESCRIPTION
PROJECT NO:	R0317	
DATE:	05/2021	
FILE:	Quinebaug Existing Conditions - IFC.dwg	
DRAWN BY:	ALG/JDG	
CHECKED BY:	JMC	
APPROVED:	BSH	


EXISTING CONDITIONS AND DEMOLITION - 2

SCALE: 1" = 40'

C-003

VERIFY SCALE

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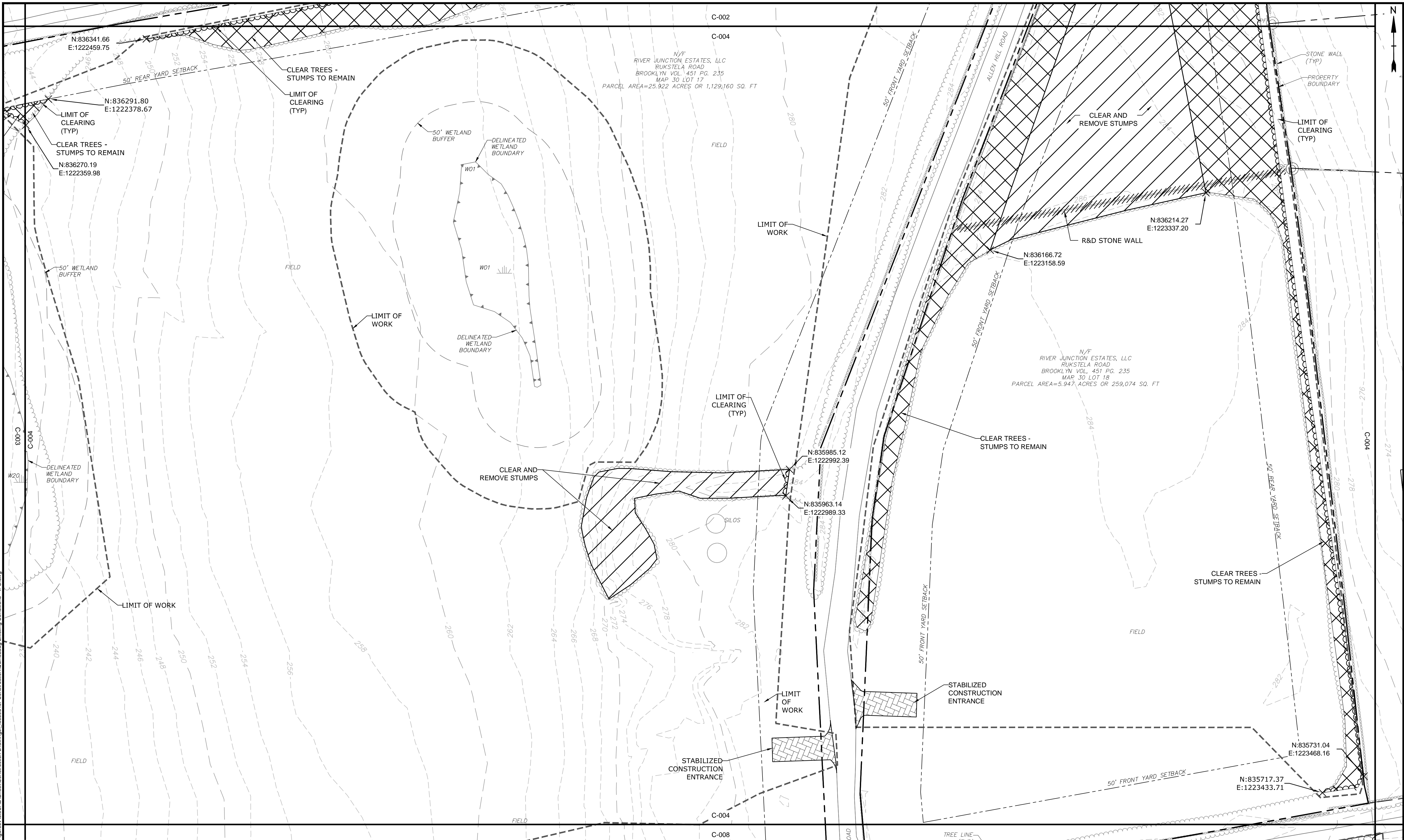
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DATE:	05/2021	
FILE: Quinebaug Existing Conditions	IFC.dwg	
DRAWN BY:	ALG/JDG	
CHECKED:	JMC	
APPROVED:	BSH	

EXISTING CONDITIONS AND
DEMOLITION - 3

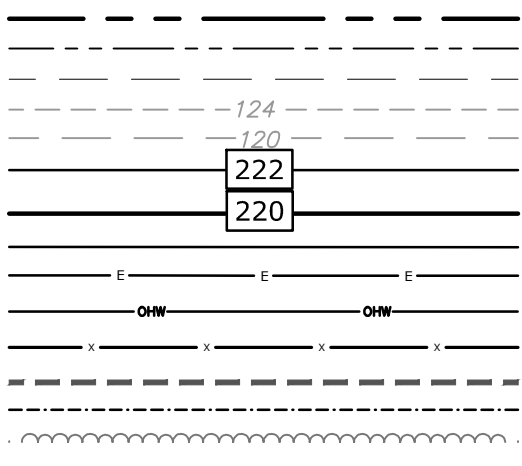
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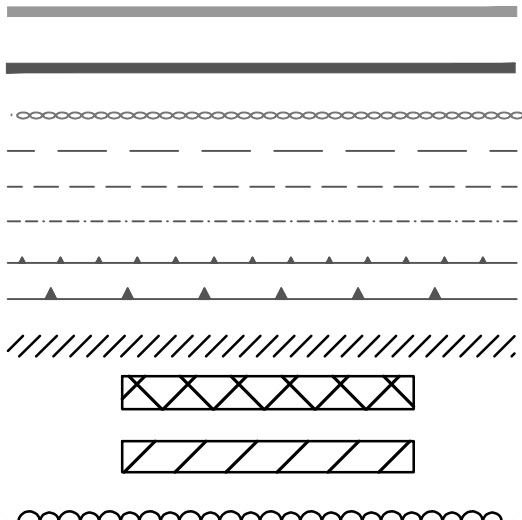


LEGEND

PROPERTY LINE
PROPERTY LINE SETBACK
EASEMENT LINE
EXISTING INTERMEDIATE CONTOURS
EXISTING INDEX CONTOURS
PROPOSED INTERMEDIATE CONTOURS
PROPOSED INDEX CONTOURS
GRAVEL ROAD/DRIVEWAY
UNDERGROUND ELECTRIC LINE
OVERHEAD ELECTRIC LINE
CHAIN LINK FENCE
LIMITS OF WORK
TOWN BOUNDARY
EXISTING TREE LINE
DIRECTIONAL BUFFER / VERNAL POOL
ENVELOPE



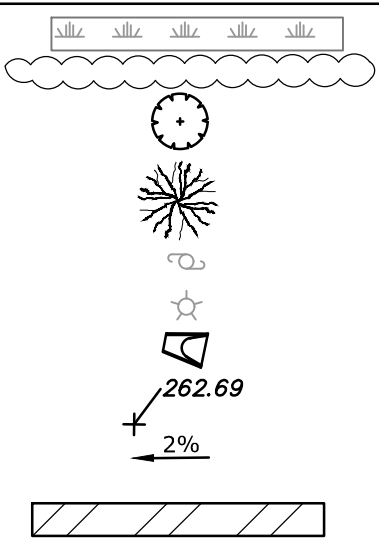
HERPETOFAUNA PROTECTION AREA
CULTURAL RESOURCE AREA TO BE AVOIDED
AND PROTECTED DURING CONSTRUCTION
STONE WALL
WETLAND BUFFER
WATERCOURSE BUFFER
DELINEATED WATERCOURSE
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REMOVE/REMOVE AND DISPOSE
AREA OF PROPOSED TREE CLEARING -
STUMPS TO REMAIN
AREA OF PROPOSED TREE CLEARING
AND STUMP REMOVAL
LIMIT OF CLEARING



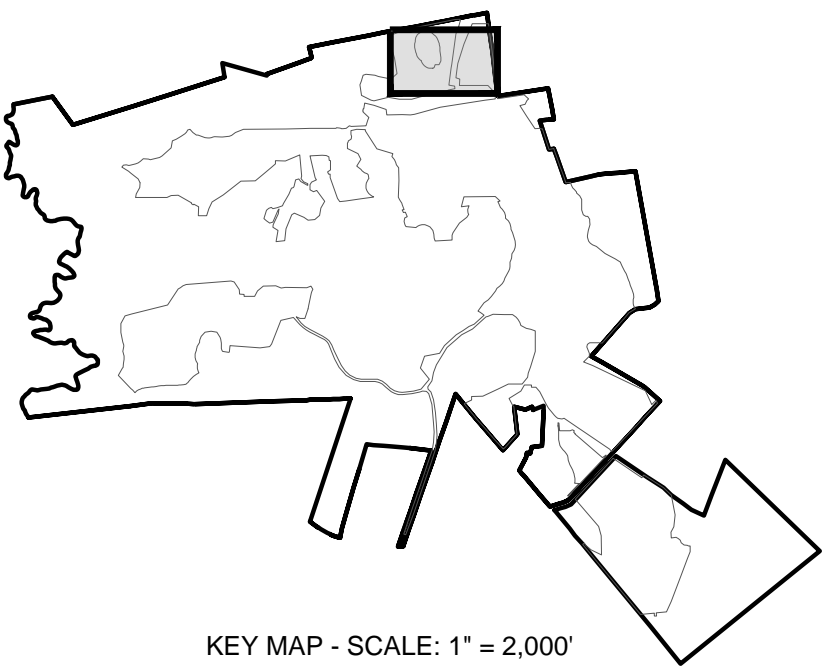
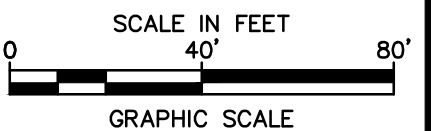
WETLAND
TIER 1 PLANTINGS
TIER 2 PLANTINGS
TIER 3 PLANTINGS

UTILITY POLE
LIGHT POLE
FLARED END SECTION
SPOT GRADE
MAGNITUDE & DIRECTION OF SLOPE

CONSTRUCTION LAYDOWN AREA

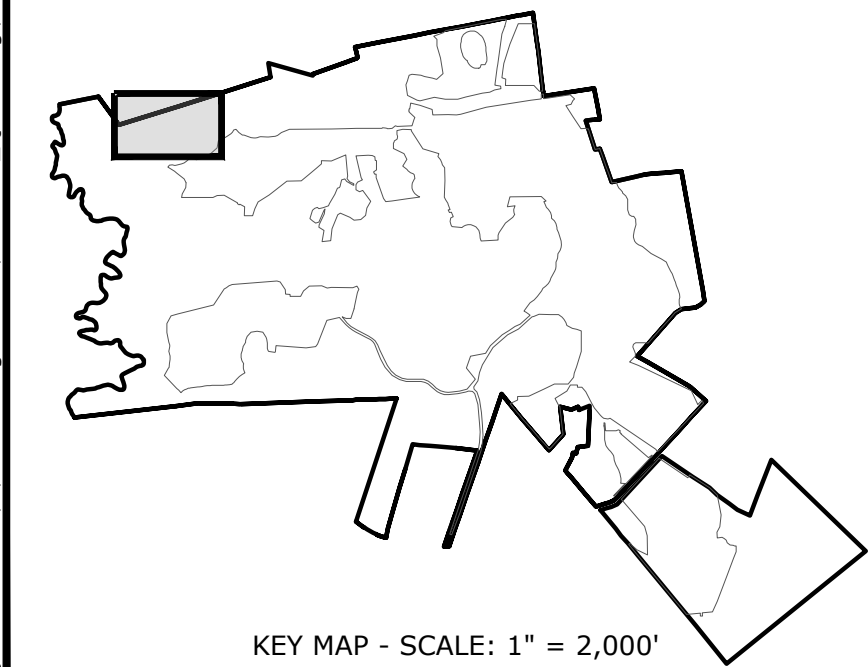
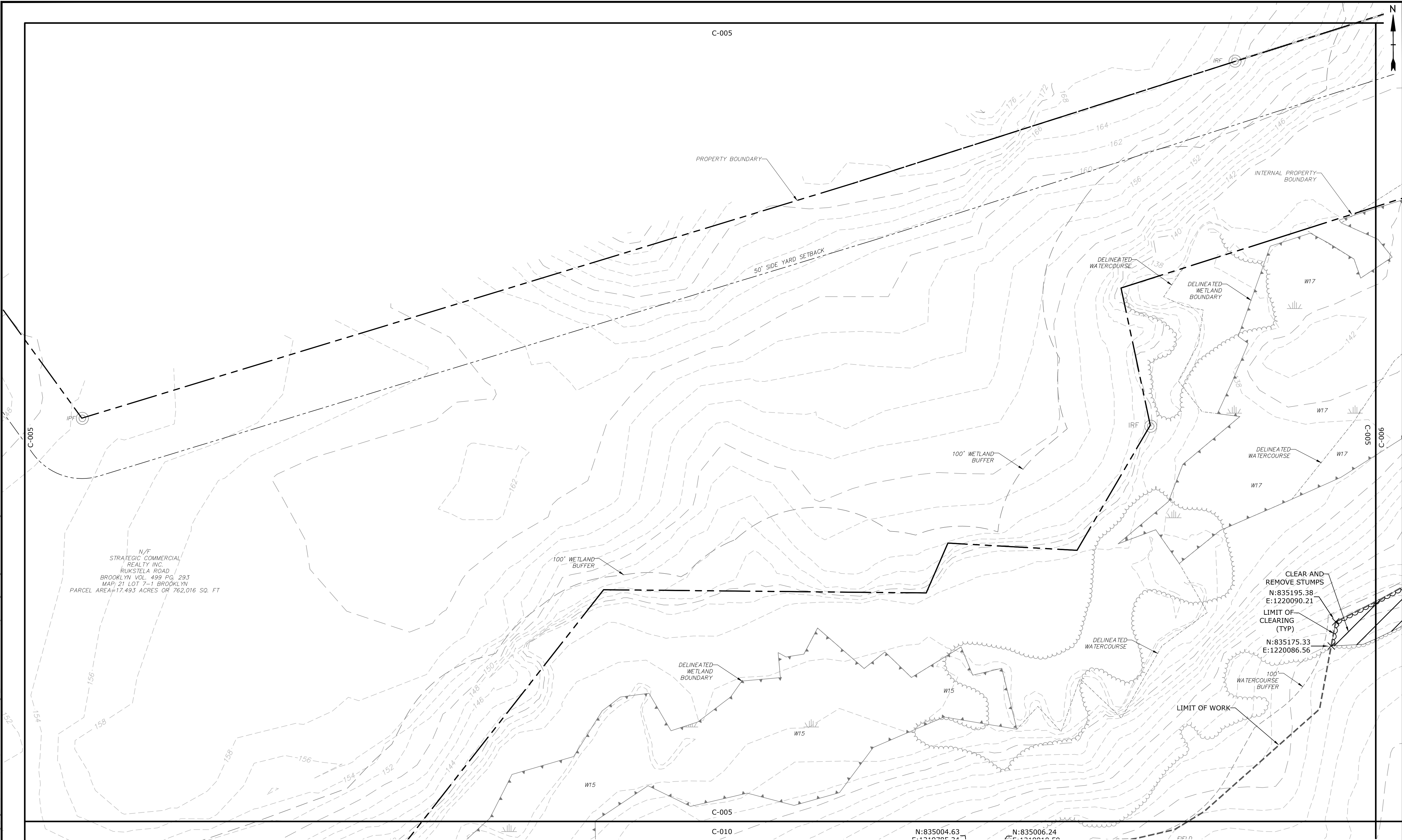


NOTE: BOLD TEXT AND LINES INDICATE PROPOSED WORK. LIGHT TEXT AND LINES INDICATE APPROXIMATE EXISTING CONDITIONS.

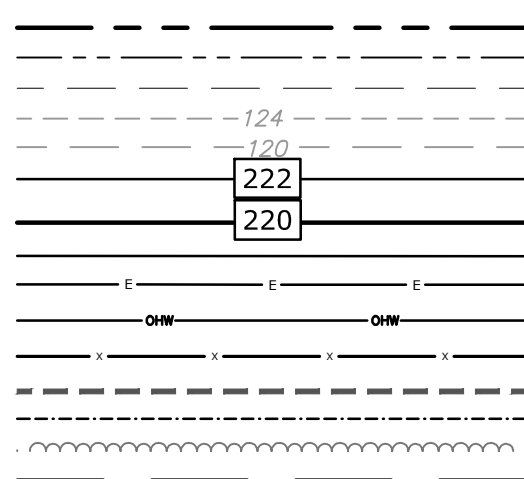


KEY MAP - SCALE: 1" = 2,000'

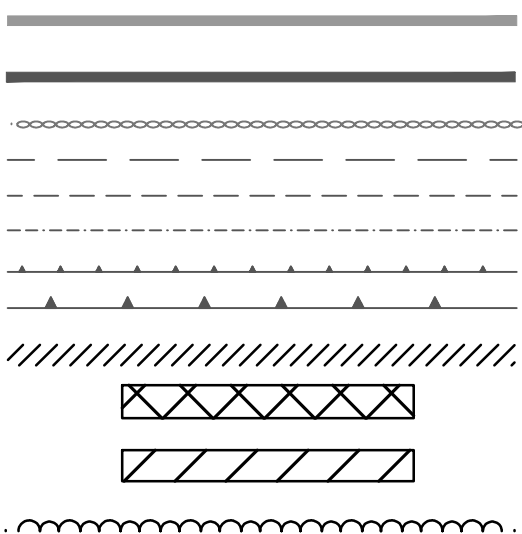
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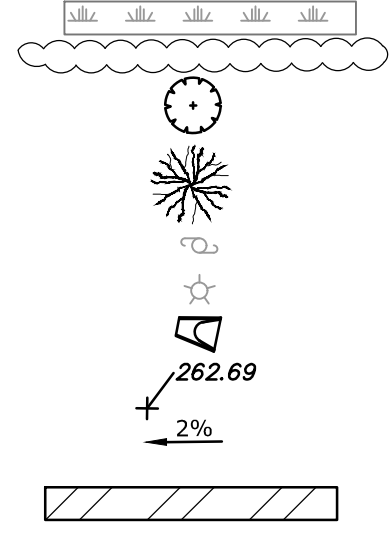
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 EASEMENT LINE
 EXISTING INTERMEDIATE CONTOURS
 EXISTING INDEX CONTOURS
 PROPOSED INTERMEDIATE CONTOURS
 PROPOSED INDEX CONTOURS
 GRAVEL ROAD/DRIVEWAY
 UNDERGROUND ELECTRIC LINE
 OVERHEAD ELECTRIC LINE
 CHAIN LINK FENCE
 LIMITS OF WORK
 TOWN BOUNDARY
 EXISTING TREE LINE
 DIRECTIONAL BUFFER / VERNAL POOL
 ENVELOPE



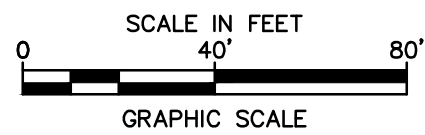
HERPETOFAUNA PROTECTION AREA
 CULTURAL RESOURCE AREA TO BE AVOIDED
 AND PROTECTED DURING CONSTRUCTION
 STONE WALL
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 AND STUMP REMOVAL
 LIMIT OF CLEARING



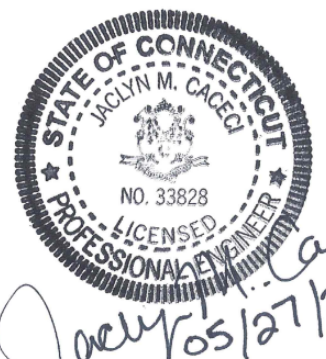
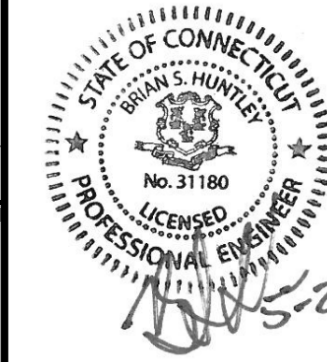
WETLAND
 TIER 1 PLANTINGS
 TIER 2 PLANTINGS
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 UTILITY POLE
 LIGHT POLE
 FLARED END SECTION
 SPOT GRADE
 MAGNITUDE & DIRECTION OF SLOPE
 CONSTRUCTION LAYDOWN AREA



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 CONDITIONS.



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 CONSTRUCTION

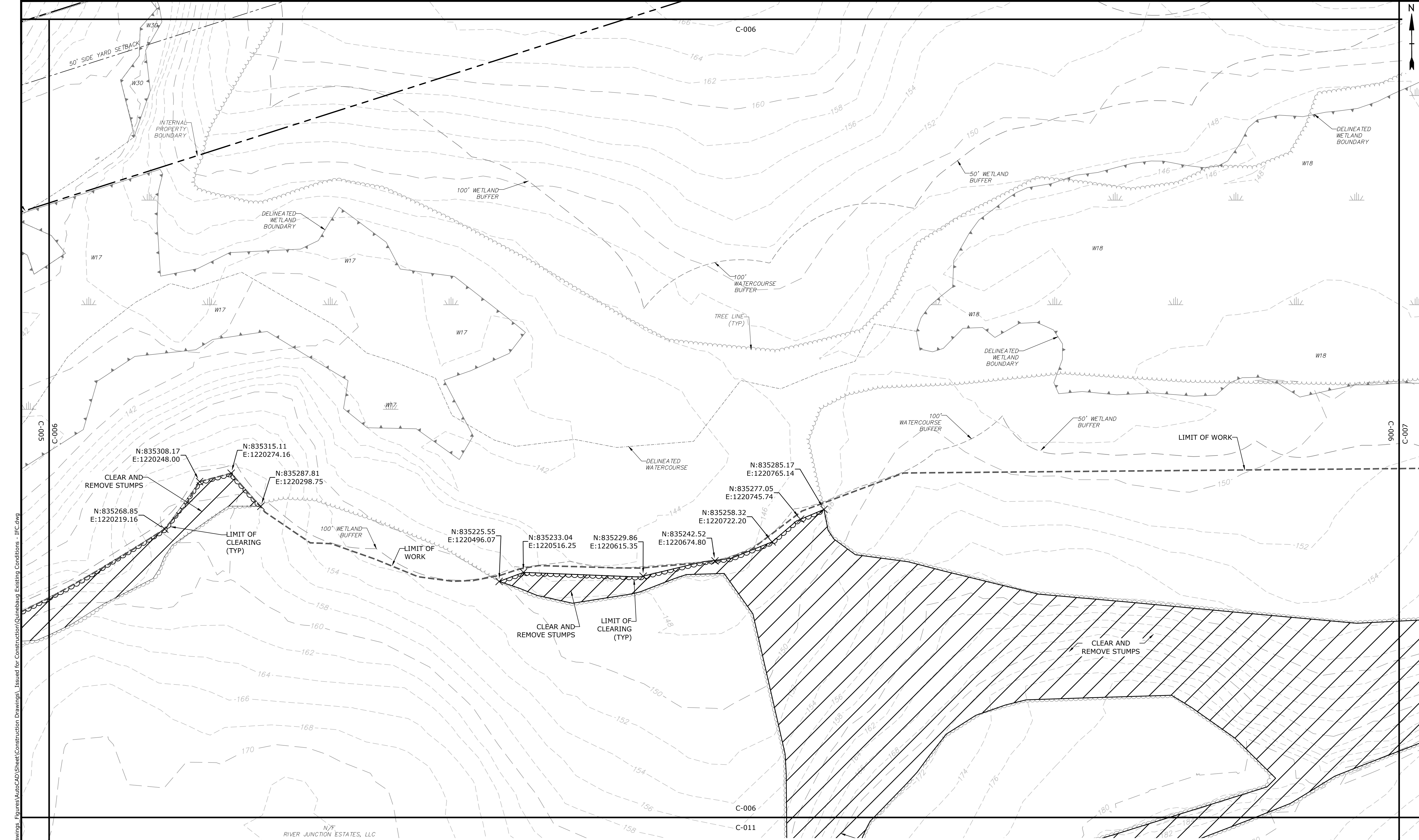
Quinebaug
 Solar Project

Quinebaug
 Solar, LLC

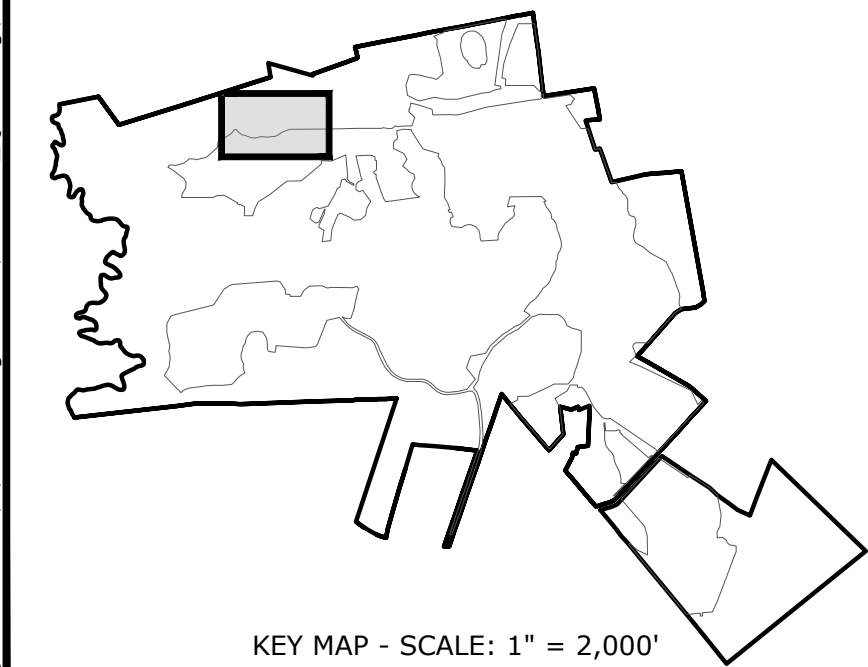
Brooklyn &
 Canterbury,
 Connecticut

VERIFY SCALE
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 THIS SHEET, ADJUST
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MARK	DATE	DESCRIPTION
PROJECT NO:		R0317
DATE:		05/2021
FILE:Quinebaug Existing Conditions - IFC.dwg		
DRAWN BY:		ALG/JDG
CHECKED:		JMC
APPROVED:		BSH
EXISTING CONDITIONS AND DEMOLITION - 4		
SCALE:		1" = 40'
C-005		



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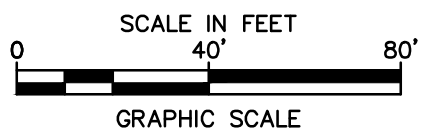
LEGEND

PROPERTY LINE
PROPERTY LINE SETBACK
EASEMENT LINE
EXISTING INTERMEDIATE CONTOURS
EXISTING INDEX CONTOURS
PROPOSED INTERMEDIATE CONTOURS
PROPOSED INDEX CONTOURS
GRAVEL ROAD/DRIVEWAY
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OVERHEAD ELECTRIC LINE
CHAIN LINK FENCE
LIMITS OF WORK
TOWN BOUNDARY
EXISTING TREE LINE
DIRECTIONAL BUFFER / VERNAL POOL
ENVELOPE

HERPETOFAUNA PROTECTION AREA
CULTURAL RESOURCE AREA TO BE AVOIDED
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WETLAND
TIER 1 PLANTINGS
TIER 2 PLANTINGS
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UTILITY POLE
LIGHT POLE
FLARED END SECTION
SPOT GRADE
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CONSTRUCTION LAYDOWN AREA

NOTE: BOLD TEXT AND LINES
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LIGHT TEXT AND LINES INDICATE
APPROXIMATE EXISTING
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ISSUED FOR CONSTRUCTION

Quinebaug Solar Project

Quinebaug Solar, LLC

Brooklyn & Canterbury, Connecticut

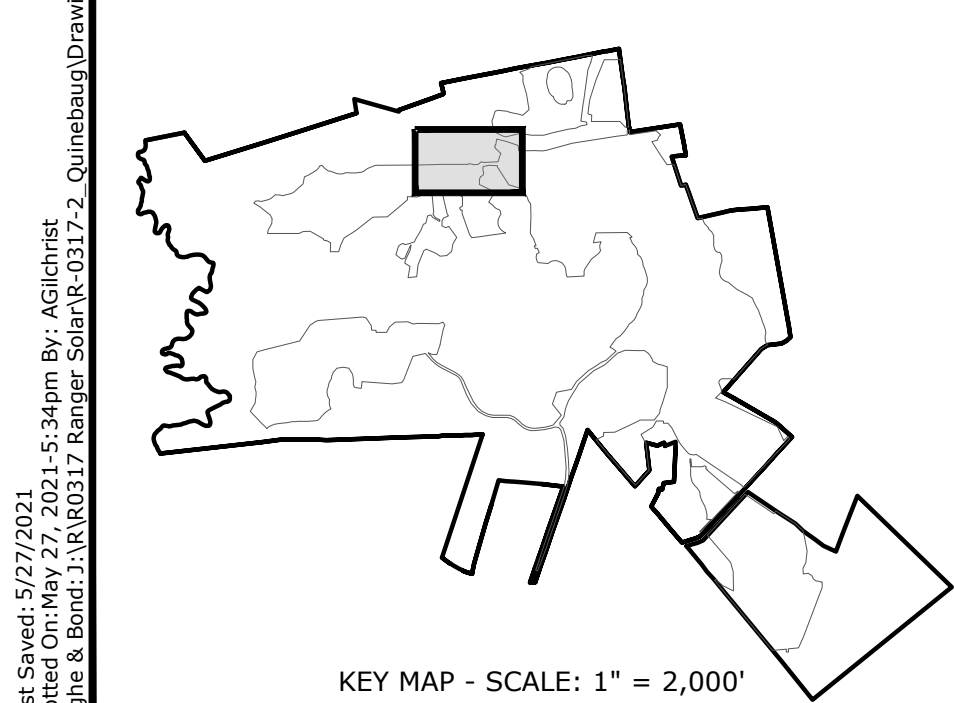
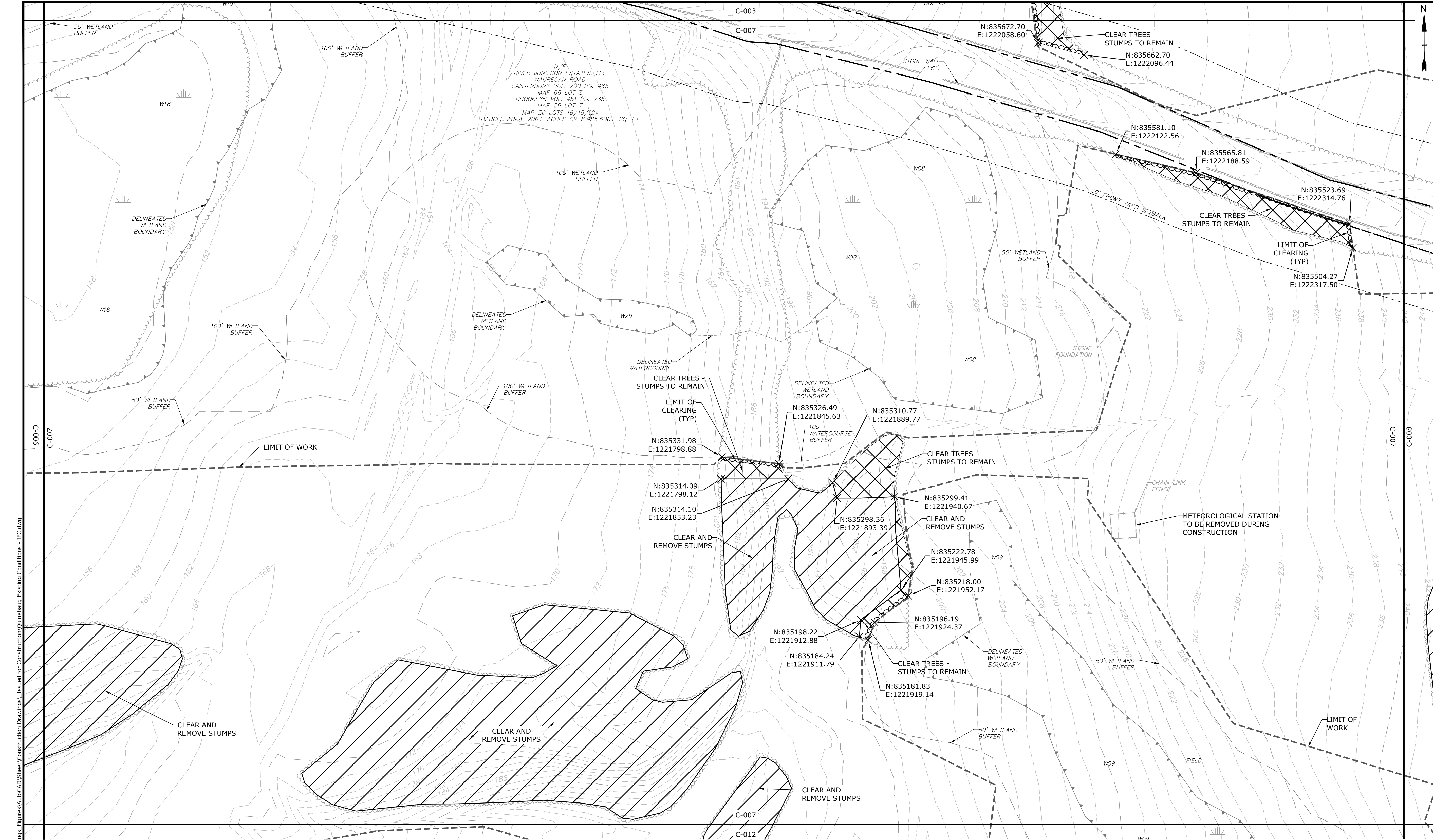
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DRAWN BY:	ALG/JDG	
CHECKED:	JMC	
APPROVED:	BSH	

EXISTING CONDITIONS AND DEMOLITION - 5

SCALE: 1" = 40'

C-006

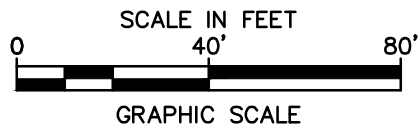


- LEGEND**
- PROPERTY LINE
 - PROPERTY LINE SETBACK
 - EASEMENT LINE
 - EXISTING INTERMEDIATE CONTOURS
 - EXISTING INDEX CONTOURS
 - PROPOSED INTERMEDIATE CONTOURS
 - PROPOSED INDEX CONTOURS
 - GRAVEL ROAD/DRIVEWAY
 - UNDERGROUND ELECTRIC LINE
 - OVERHEAD ELECTRIC LINE
 - CHAIN LINK FENCE
 - LIMITS OF WORK
 - TOWN BOUNDARY
 - EXISTING TREE LINE
 - DIRECTIONAL BUFFER / VERNAL POOL ENVELOPE

- HERPETOFAUNA PROTECTION AREA
- CULTURAL RESOURCE AREA TO BE AVOIDED AND PROTECTED DURING CONSTRUCTION
- STONE WALL
- WETLAND BUFFER
- WATERCOURSE BUFFER
- DELINEATED WATERCOURSE
- VERNAL POOL
- DELINEATED WETLAND
- REMOVE/REMOVE AND DISPOSE
- AREA OF PROPOSED TREE CLEARING - STUMPS TO REMAIN
- AREA OF PROPOSED TREE CLEARING AND STUMP REMOVAL
- LIMIT OF CLEARING

- WETLAND
- TIER 1 PLANTINGS
- TIER 2 PLANTINGS
- TIER 3 PLANTINGS
- UTILITY POLE
- LIGHT POLE
- FLARED END SECTION
- SPOT GRADE
- MAGNITUDE & DIRECTION OF SLOPE
- CONSTRUCTION LAYDOWN AREA

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Quinebaug Solar Project

Quinebaug Solar, LLC

Brooklyn & Canterbury, Connecticut

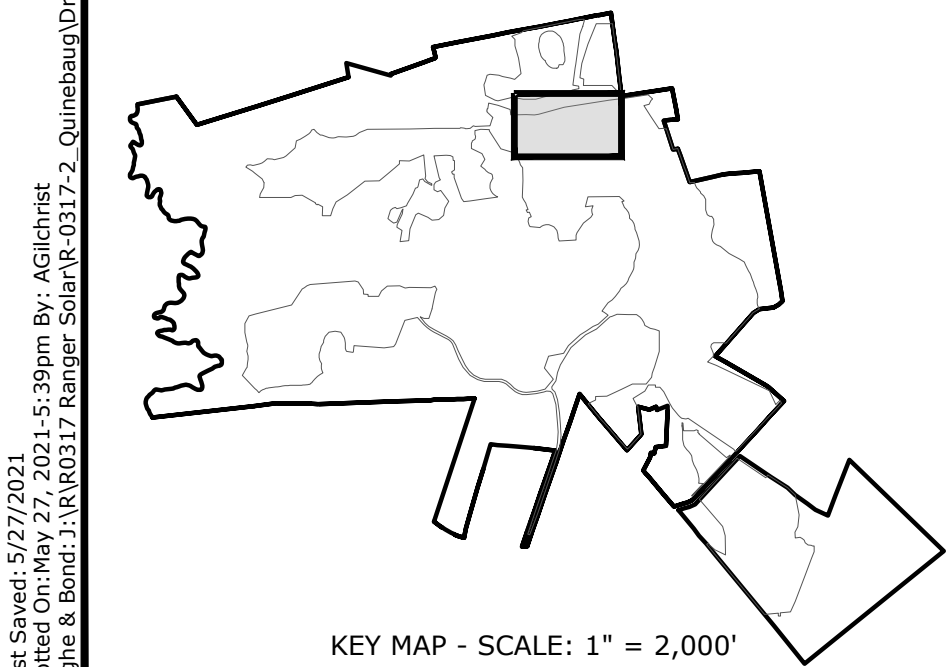
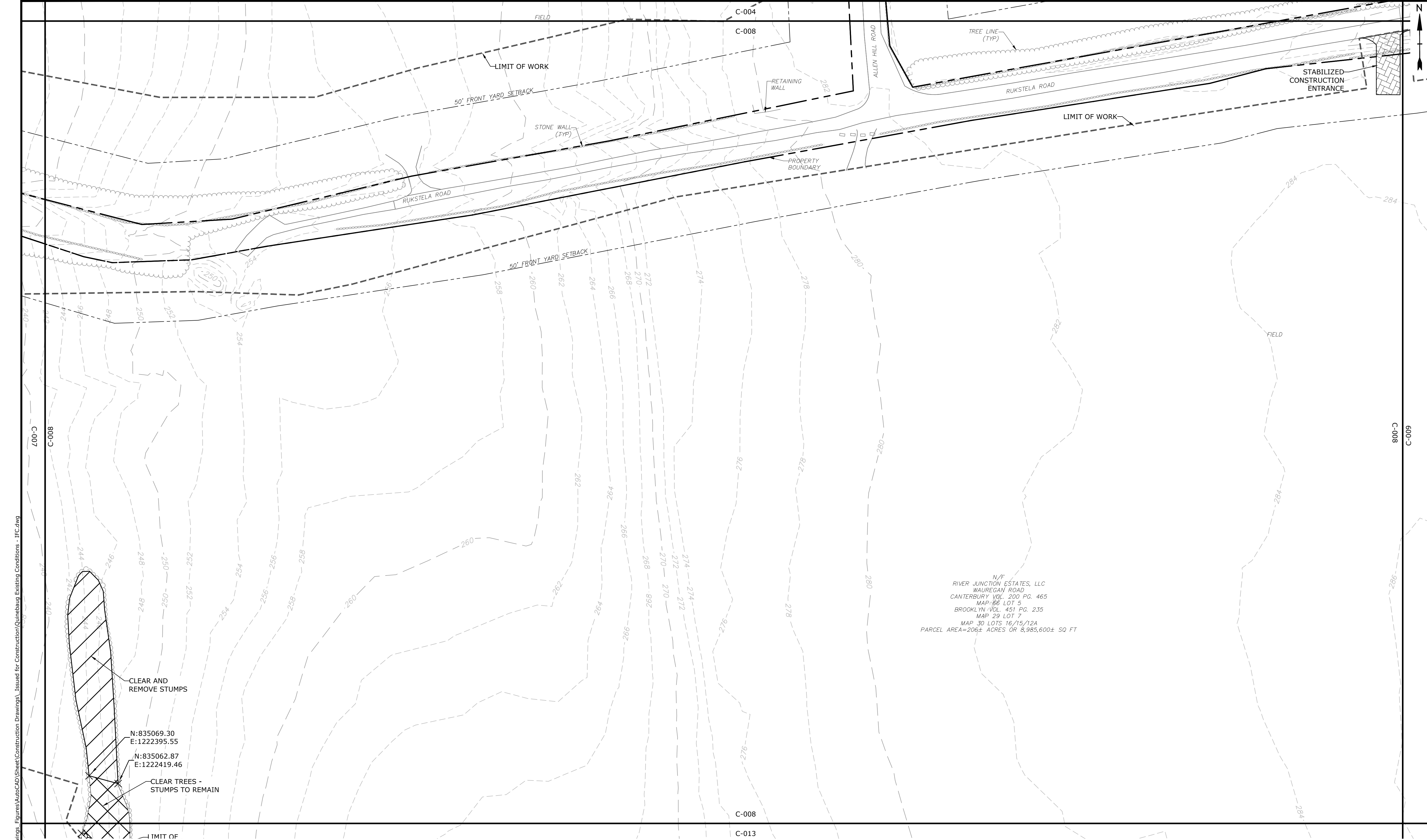
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DRAWN BY:	ALG/JDG	
CHECKED BY:	JMC	
APPROVED:	BSH	

EXISTING CONDITIONS AND DEMOLITION - 6

SCALE: 1" = 40'

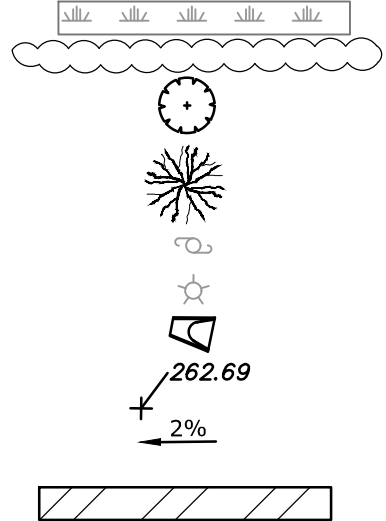
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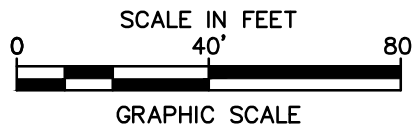
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PROPERTY LINE SETBACK
EASEMENT LINE
EXISTING INTERMEDIATE CONTOURS
EXISTING INDEX CONTOURS
PROPOSED INTERMEDIATE CONTOURS
PROPOSED INDEX CONTOURS
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ENVELOPE

- HERPETOFAUNA PROTECTION AREA
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LIMIT OF CLEARING

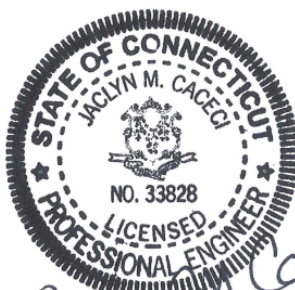
- WETLAND
TIER 1 PLANTINGS
TIER 2 PLANTINGS
TIER 3 PLANTINGS
UTILITY POLE
LIGHT POLE
FLARED END SECTION
SPOT GRADE
MAGNITUDE & DIRECTION OF SLOPE
CONSTRUCTION LAYDOWN AREA



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Tighe&Bond



ISSUED FOR
CONSTRUCTION

Quinebaug
Solar Project

Quinebaug
Solar, LLC

Brooklyn &
Canterbury,
Connecticut

VERIFY SCALE

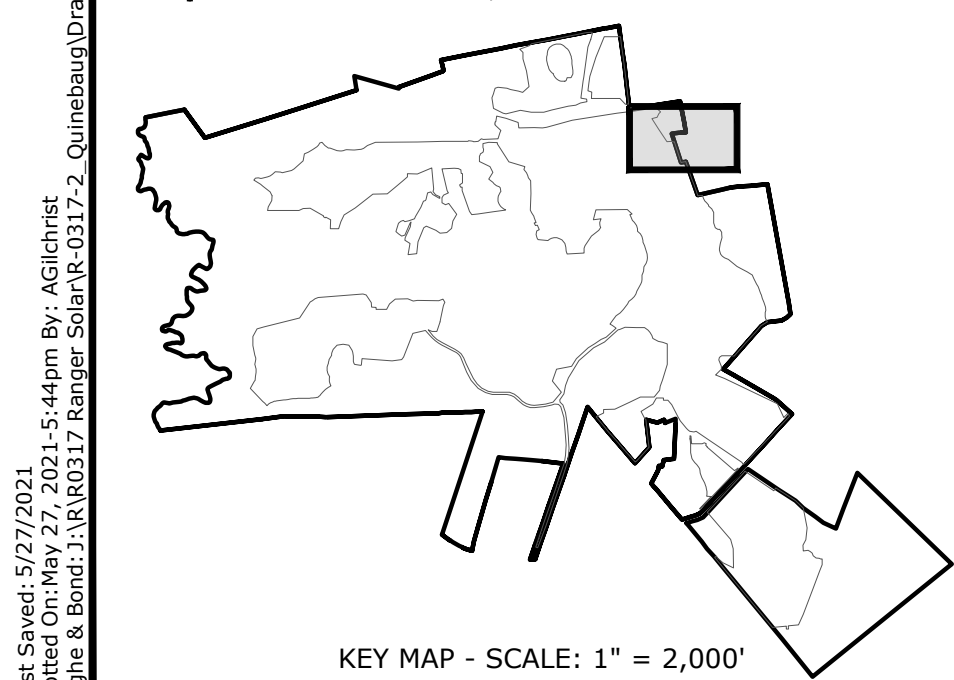
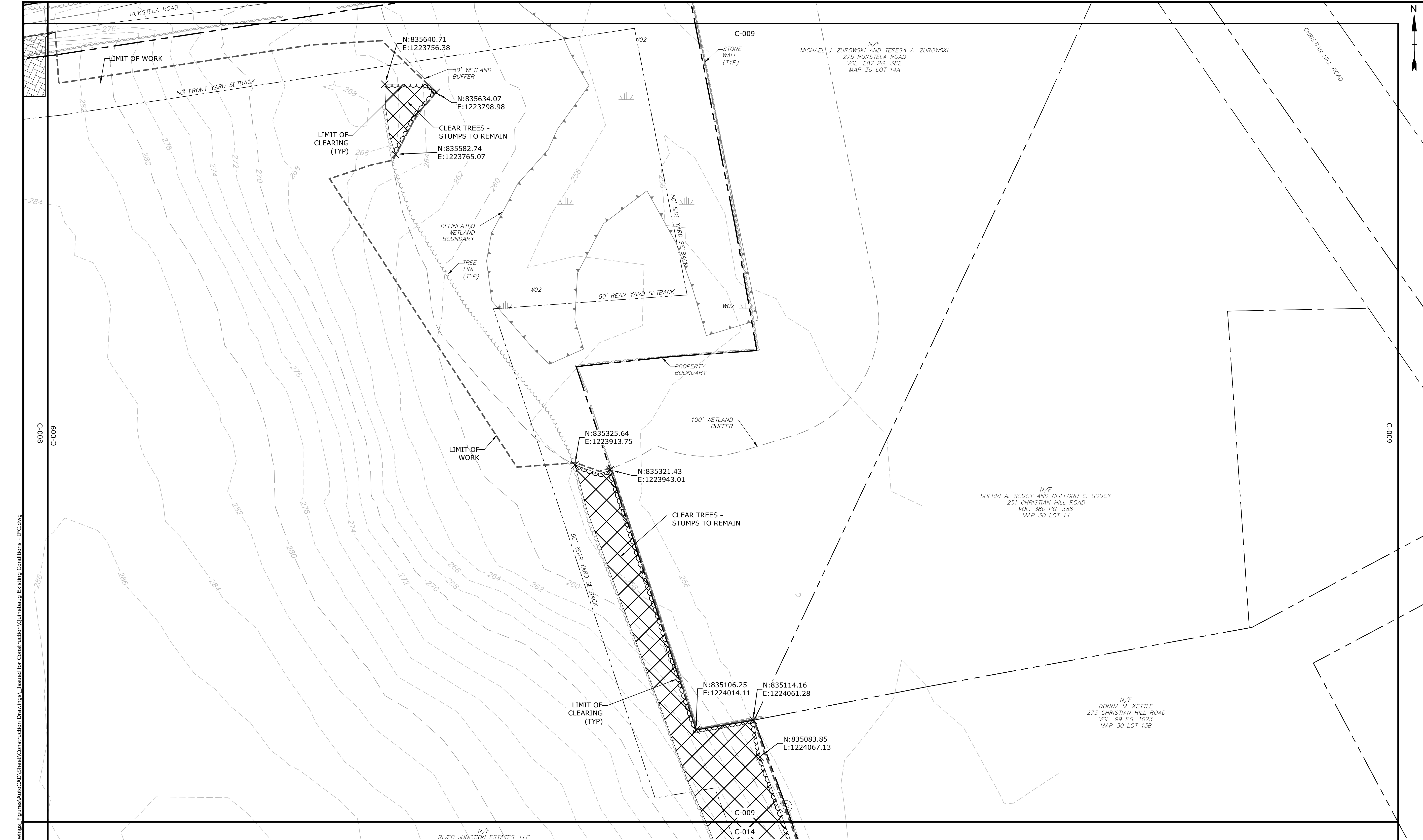
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FILE:	Quinebaug Existing Conditions - IFC.dwg	
DRAWN BY:	ALG/JDG	
CHECKED:	JMC	
APPROVED:	BSH	

EXISTING CONDITIONS AND
DEMOLITION - 7

SCALE: 1" = 40'

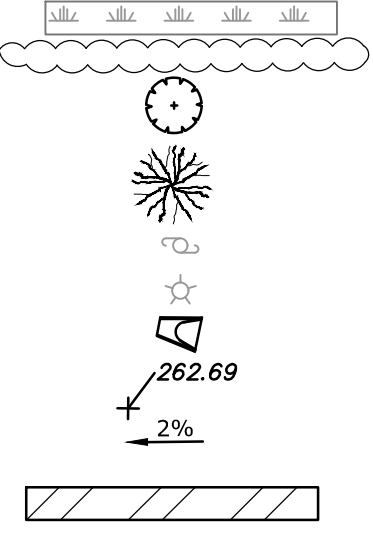
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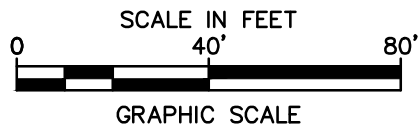
- PROPERTY LINE
PROPERTY LINE SETBACK
EASEMENT LINE
EXISTING INTERMEDIATE CONTOURS
EXISTING INDEX CONTOURS
PROPOSED INTERMEDIATE CONTOURS
PROPOSED INDEX CONTOURS
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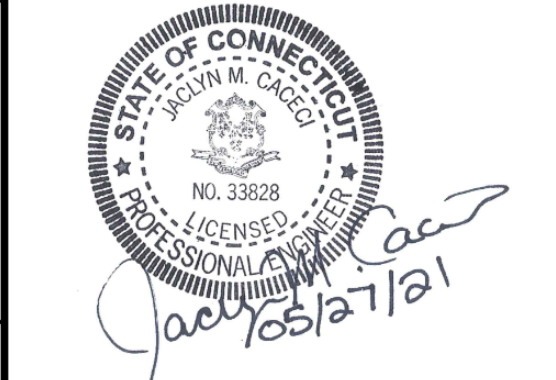
- WETLAND
TIER 1 PLANTINGS
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CONSTRUCTION

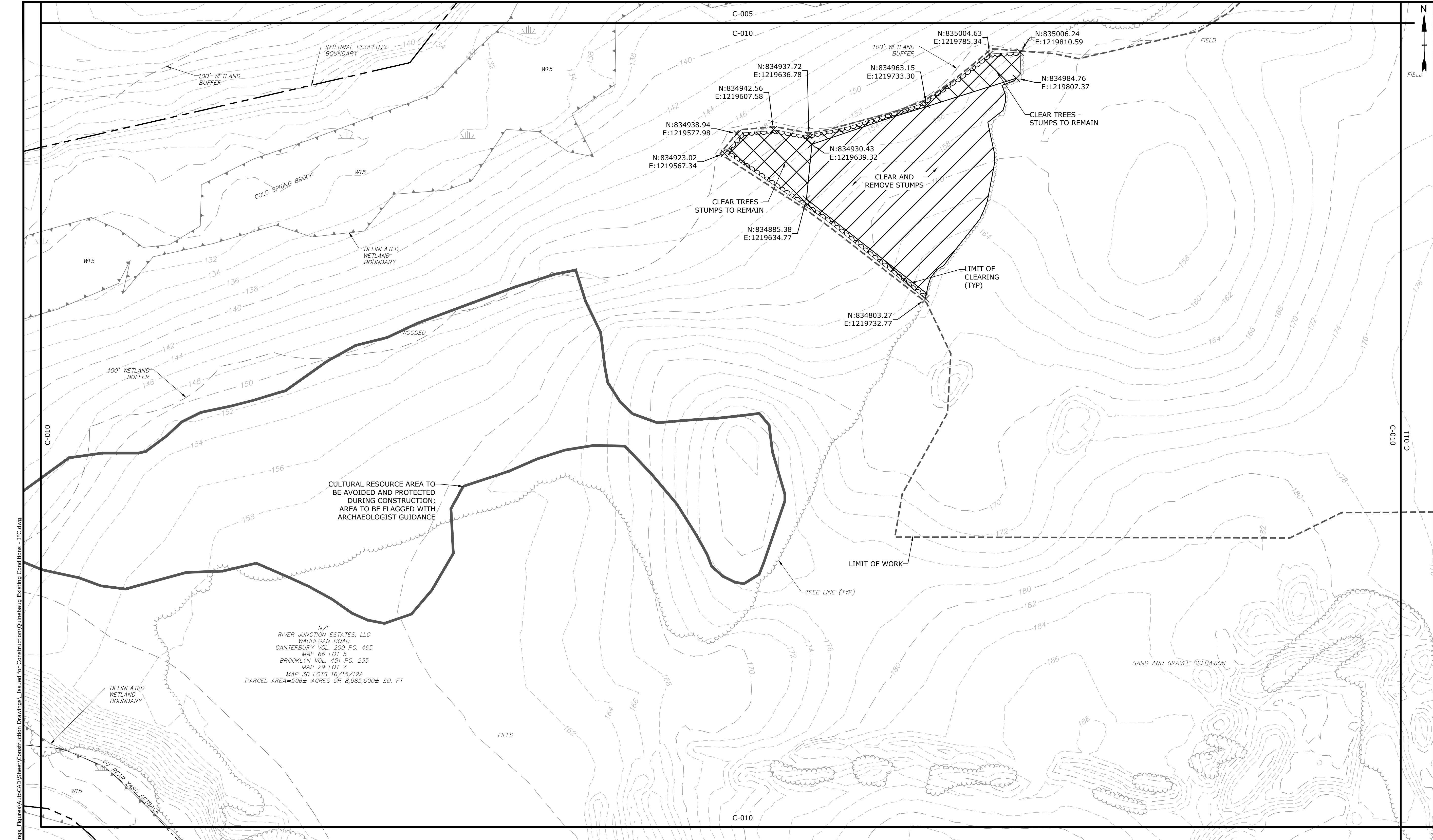
Quinebaug
Solar Project

Quinebaug
Solar, LLC

Brooklyn &
Canterbury,
Connecticut

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DRAWN BY:	ALG/JDG	
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APPROVED:	BSH	
EXISTING CONDITIONS AND DEMOLITION - 8		
SCALE:	1" = 40'	
C-009		



PROPERTY LINE
PROPERTY LINE SETBACK
EASEMENT LINE
EXISTING INTERMEDIATE CONTOURS
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PROPOSED INTERMEDIATE CONTOURS
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LIGHT TEXT AND LINES INDICATE
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CONDITIONS.

SCALE IN FEET
0 40' 80'
GRAPHIC SCALE

KEY MAP - SCALE: 1" = 2,000'

LEGEND

PROPERTY LINE
PROPERTY LINE SETBACK
EASEMENT LINE
EXISTING INTERMEDIATE CONTOURS
EXISTING INDEX CONTOURS
PROPOSED INTERMEDIATE CONTOURS
PROPOSED INDEX CONTOURS
GRAVEL ROAD/DRIVEWAY
UNDERGROUND ELECTRIC LINE
OVERHEAD ELECTRIC LINE
CHAIN LINK FENCE
LIMITS OF WORK
TOWN BOUNDARY
EXISTING TREE LINE
DIRECTIONAL BUFFER / VERNAL POOL
ENVELOPE

HERPETOFAUNA PROTECTION AREA
CULTURAL RESOURCE AREA TO BE AVOIDED
AND PROTECTED DURING CONSTRUCTION
STONE WALL
WETLAND BUFFER
WATERCOURSE BUFFER
DELINEATED WATERCOURSE
VERNAL POOL
DELINEATED WETLAND
REMOVE/REMOVE AND DISPOSE
AREA OF PROPOSED TREE CLEARING -
STUMPS TO REMAIN
AREA OF PROPOSED TREE CLEARING
AND STUMP REMOVAL
LIMIT OF CLEARING

WETLAND
TIER 1 PLANTINGS
TIER 2 PLANTINGS
TIER 3 PLANTINGS
UTILITY POLE
LIGHT POLE
FLARED END SECTION
SPOT GRADE
MAGNITUDE & DIRECTION OF SLOPE
CONSTRUCTION LAYDOWN AREA

NOTE: BOLD TEXT AND LINES
INDICATE PROPOSED WORK.
LIGHT TEXT AND LINES INDICATE
APPROXIMATE EXISTING
CONDITIONS.

SCALE IN FEET
0 40' 80'
GRAPHIC SCALE

KEY MAP - SCALE: 1" = 2,000'

Quinebaug Solar Project

Quinebaug Solar, LLC

Brooklyn & Canterbury, Connecticut

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VERIFIED SCALE
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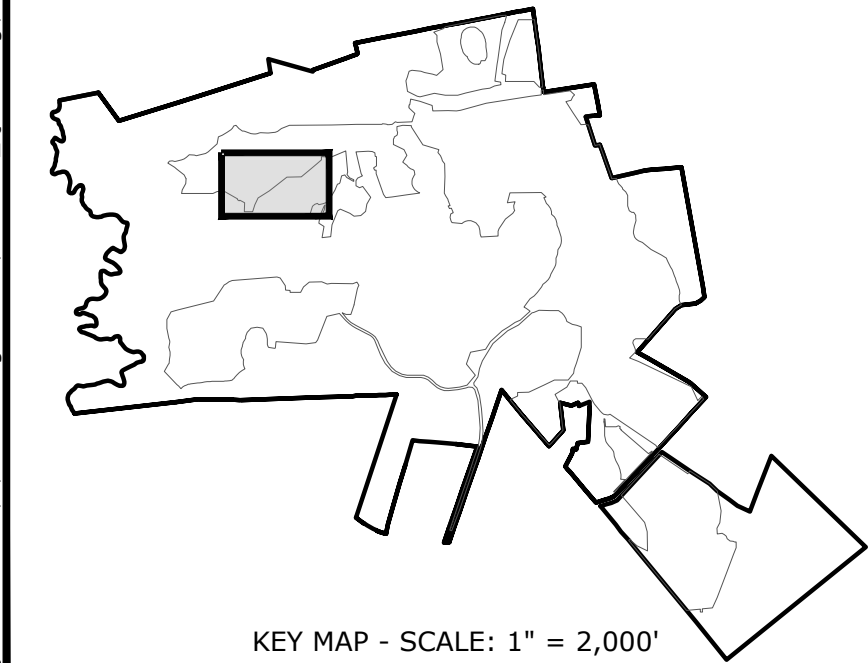
EXISTING CONDITIONS AND DEMOLITION - 9

SCALE: 1" = 40'

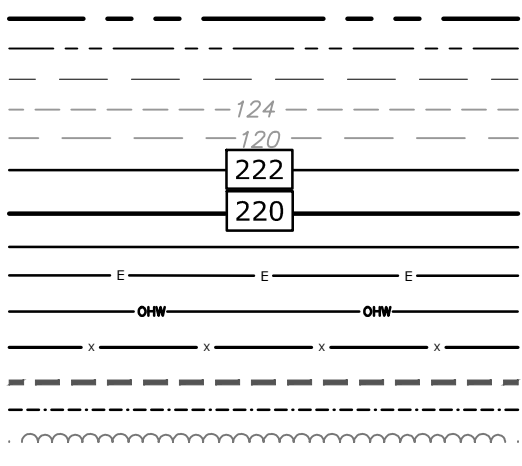
C-010

Brooklyn &
Canterbury,
Connecticut

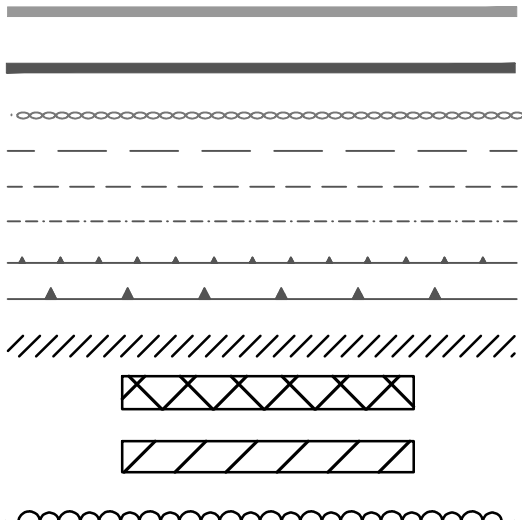
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ORIGINAL DRAWING
 1 INCH
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THIS SHEET, ADJUST
SCALES ACCORDINGLY

C-011

PROPERTY LINE
PROPERTY LINE SETBACK
EASEMENT LINE
EXISTING INTERMEDIATE CONTOURS
EXISTING INDEX CONTOURS
PROPOSED INTERMEDIATE CONTOURS
PROPOSED INDEX CONTOURS
GRAVEL ROAD/DRIVEWAY
UNDERGROUND ELECTRIC LINE
OVERHEAD ELECTRIC LINE
CHAIN LINK FENCE
LIMITS OF WORK
TOWN BOUNDARY
EXISTING TREE LINE
DIRECTIONAL BUFFER / VERNAL POOL
ENVELOPE



HERPETOFAUNA PROTECTION AREA
CULTURAL RESOURCE AREA TO BE AVOIDED
AND PROTECTED DURING CONSTRUCTION
STONE WALL
WETLAND BUFFER
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AREA OF PROPOSED TREE CLEARING
AND STUMP REMOVAL
LIMIT OF CLEARING

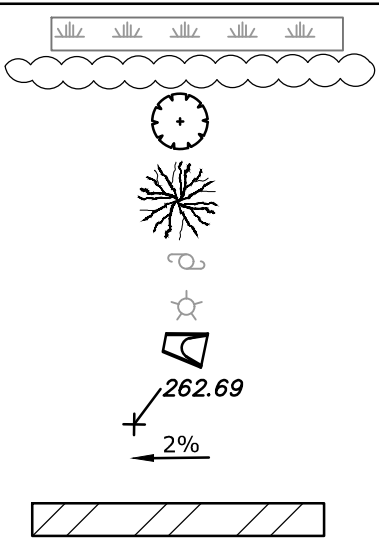


WETLAND
TIER 1 PLANTINGS
TIER 2 PLANTINGS
TIER 3 PLANTINGS

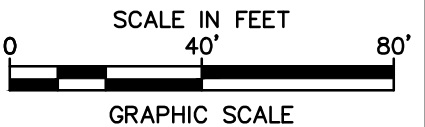
UTILITY POLE
LIGHT POLE
FLARED END SECTION

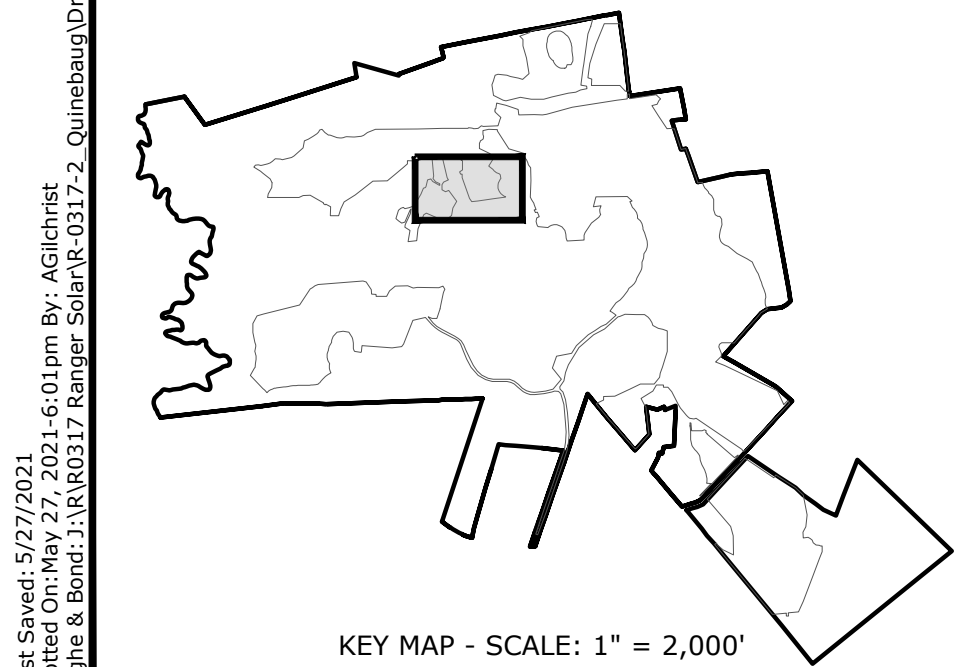
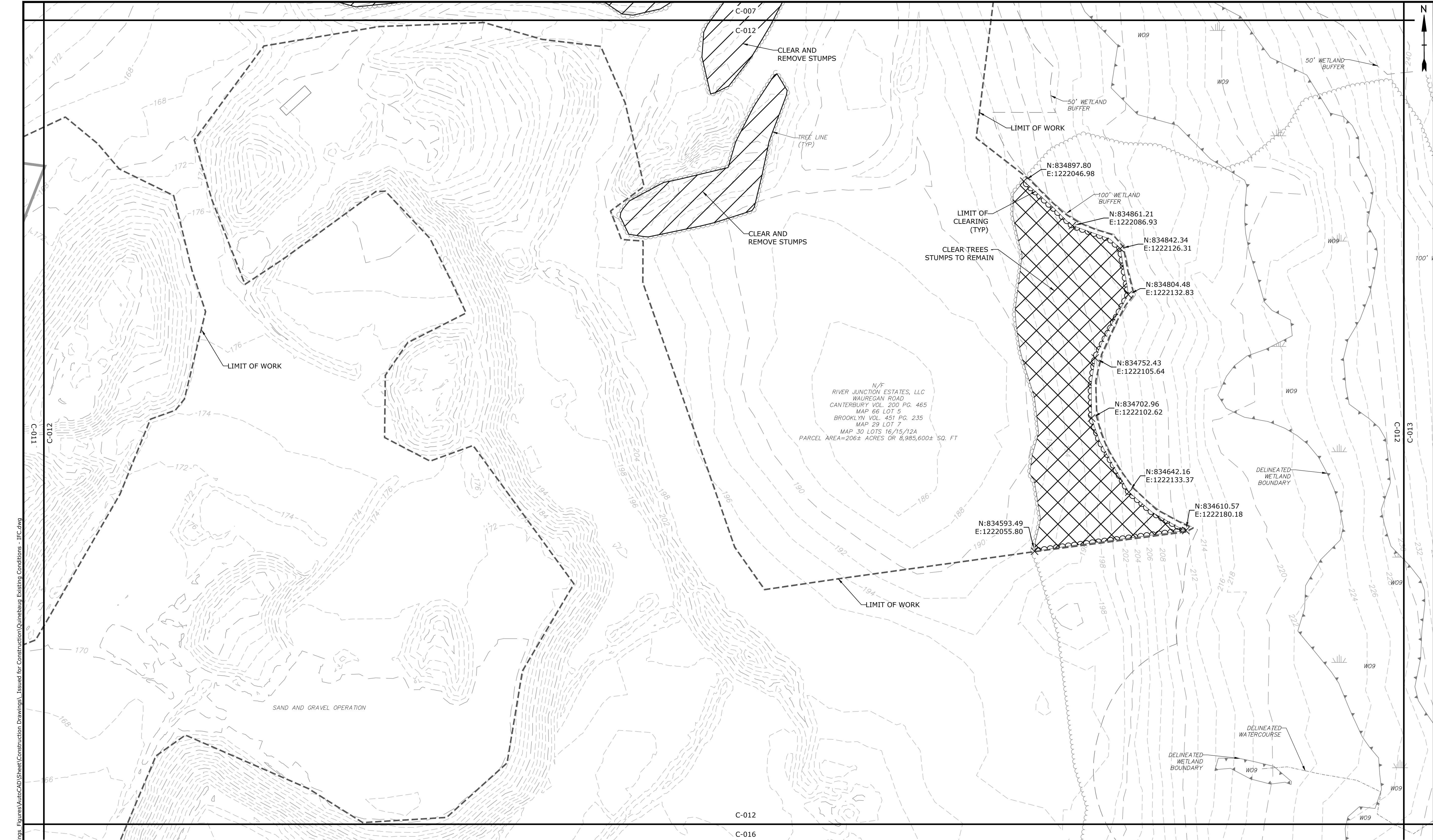
SPOT GRADE
MAGNITUDE & DIRECTION OF SLOPE

CONSTRUCTION LAYDOWN AREA



NOTE: BOLD TEXT AND LINES
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LIGHT TEXT AND LINES INDICATE
APPROXIMATE EXISTING
CONDITIONS.



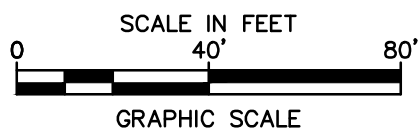


PROPERTY LINE	---
PROPERTY LINE SETBACK	---
EASEMENT LINE	---
EXISTING INTERMEDIATE CONTOURS	---
EXISTING INDEX CONTOURS	---
PROPOSED INTERMEDIATE CONTOURS	---
PROPOSED INDEX CONTOURS	---
GRAVEL ROAD/DRIVEWAY	---
UNDERGROUND ELECTRIC LINE	---
OVERHEAD ELECTRIC LINE	---
CHAIN LINK FENCE	---
LIMITS OF WORK	---
TOWN BOUNDARY	---
EXISTING TREE LINE	---
DIRECTIONAL BUFFER / VERNAL POOL	---
ENVELOPE	---

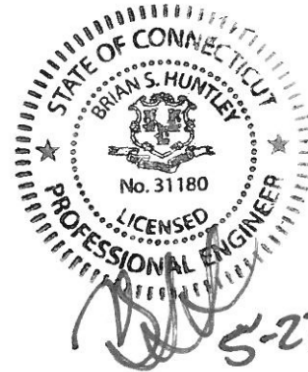
HERPETOFAUNA PROTECTION AREA	---
CULTURAL RESOURCE AREA TO BE AVOIDED AND PROTECTED DURING CONSTRUCTION	---
STONE WALL	---
WETLAND BUFFER	---
WATERCOURSE BUFFER	---
DELINEATED WATERCOURSE	---
VERNAL POOL	---
DELINEATED WETLAND	---
REMOVE/REMOVE AND DISPOSE	---
AREA OF PROPOSED TREE CLEARING - STUMPS TO REMAIN	---
AREA OF PROPOSED TREE CLEARING AND STUMP REMOVAL	---
LIMIT OF CLEARING	---

WETLAND	---
TIER 1 PLANTINGS	---
TIER 2 PLANTINGS	---
TIER 3 PLANTINGS	---
UTILITY POLE	---
LIGHT POLE	---
FLARED END SECTION	---
SPOT GRADE	---
MAGNITUDE & DIRECTION OF SLOPE	---
CONSTRUCTION LAYDOWN AREA	---

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Quinebaug Solar Project

Quinebaug Solar, LLC

Brooklyn & Canterbury, Connecticut

VERIFY SCALE
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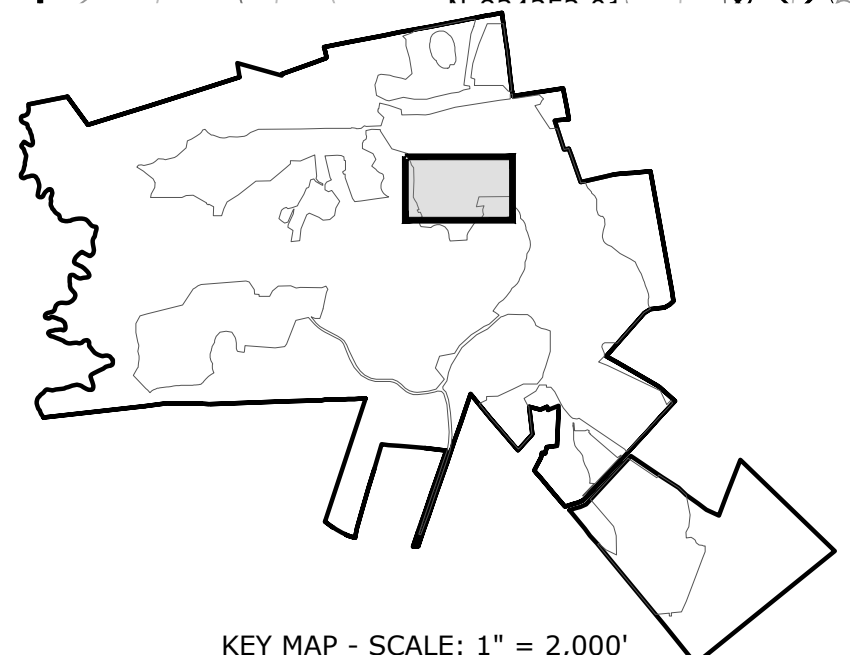
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DATE:	05/2021	
FILE:	Quinebaug Existing Conditions - IFC.dwg	
DRAWN BY:	ALG/JDG	
CHECKED:	JMC	
APPROVED:	BSH	
EXISTING CONDITIONS AND DEMOLITION - 11		
SCALE:	1" = 40'	
C-012		

VERIFY SCALE	
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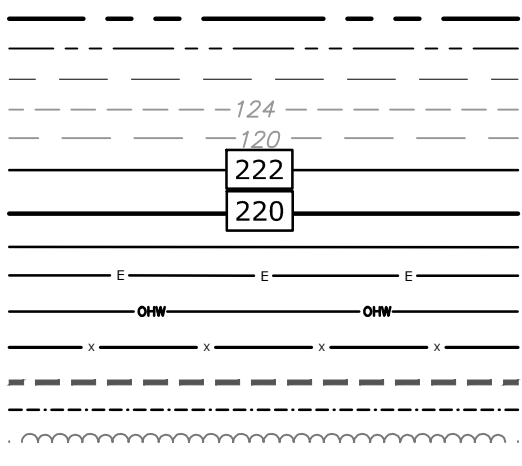
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	DATE:	05/2021
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	DRAWN BY:	ALG/JDG
	CHECKED:	JMC
	APPROVED:	BSH

SCALE: 1" = 40'

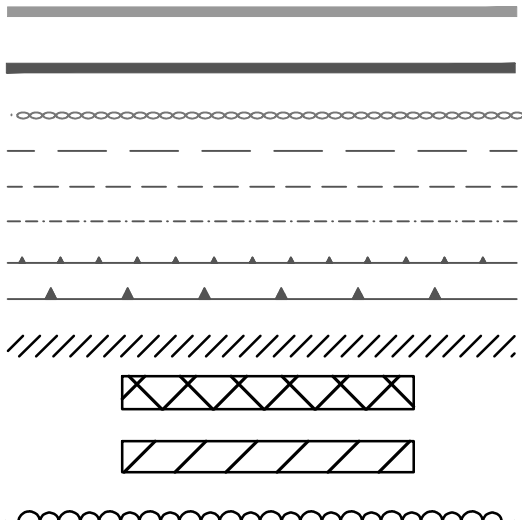
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PROPERTY LINE
PROPERTY LINE SETBACK
EASEMENT LINE
EXISTING INTERMEDIATE CONTOURS
EXISTING INDEX CONTOURS
PROPOSED INTERMEDIATE CONTOURS
PROPOSED INDEX CONTOURS
GRAVEL ROAD/DRIVEWAY
UNDERGROUND ELECTRIC LINE
OVERHEAD ELECTRIC LINE
CHAIN LINK FENCE
LIMITS OF WORK
TOWN BOUNDARY
EXISTING TREE LINE
DIRECTIONAL BUFFER / VERNAL POOL
ENVELOPE

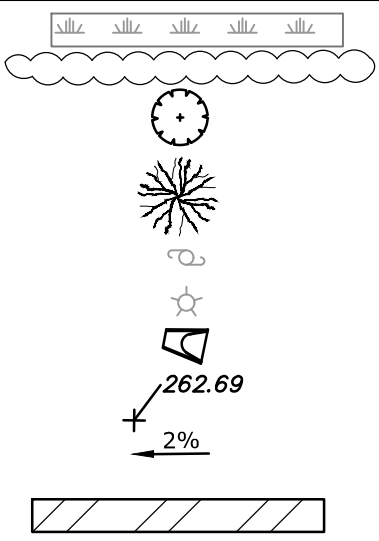


HERPETOFAUNA PROTECTION AREA
CULTURAL RESOURCE AREA TO BE AVOIDED
AND PROTECTED DURING CONSTRUCTION
STONE WALL
WETLAND BUFFER
WATERCOURSE BUFFER
DELINEATED WATERCOURSE
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LIMIT OF CLEARING



UTILITY POLE
LIGHT POLE
FLARED END SECTION
SPOT GRADE
MAGNITUDE & DIRECTION OF SLOPE

CONSTRUCTION LAYDOWN AREA



SCALE IN FEET

0 40' 80'

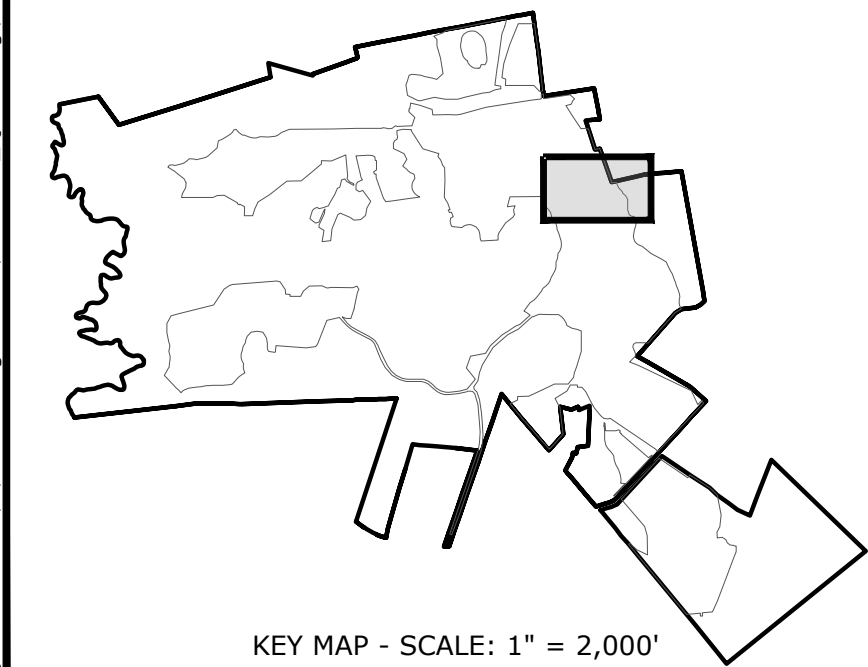
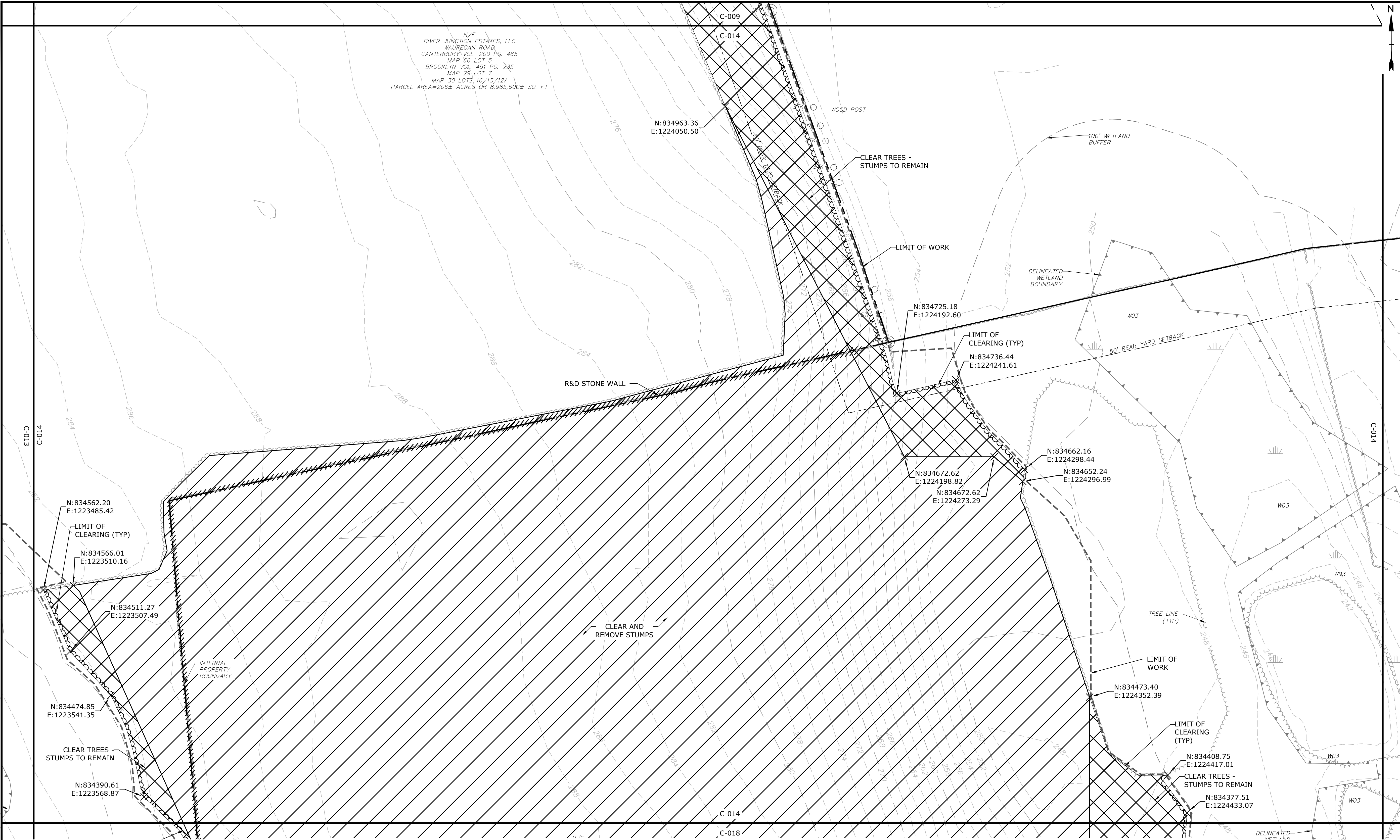
GRAPHIC SCALE

SCALE IN FEET

0 40' 80'

GRAPHIC SCALE

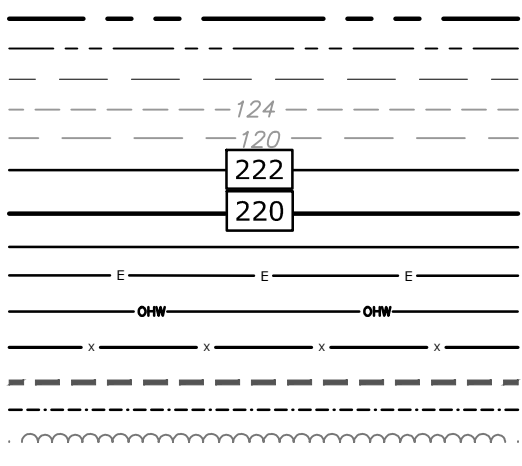
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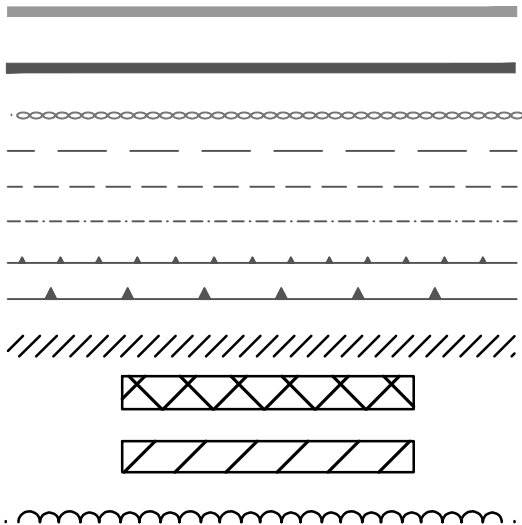
KEY MAP - SCALE: 1" = 2,000'

LEGEND

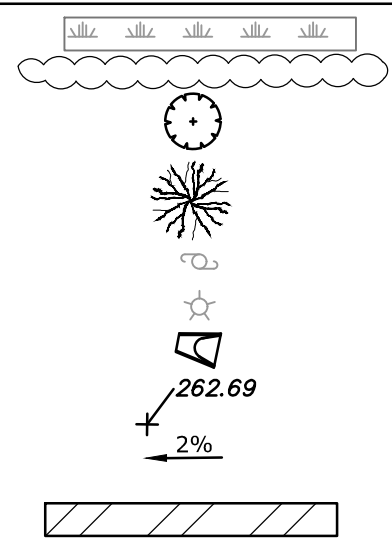
PROPERTY LINE
PROPERTY LINE SETBACK
EASEMENT LINE
EXISTING INTERMEDIATE CONTOURS
EXISTING INDEX CONTOURS
PROPOSED INTERMEDIATE CONTOURS
PROPOSED INDEX CONTOURS
GRAVEL ROAD/DRIVEWAY
UNDERGROUND ELECTRIC LINE
OVERHEAD ELECTRIC LINE
CHAIN LINK FENCE
LIMITS OF WORK
TOWN BOUNDARY
EXISTING TREE LINE
DIRECTIONAL BUFFER / VERNAL POOL
ENVELOPE



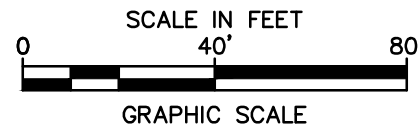
HERPETOFAUNA PROTECTION AREA
CULTURAL RESOURCE AREA TO BE AVOIDED
AND PROTECTED DURING CONSTRUCTION
STONE WALL
WETLAND BUFFER
WATERCOURSE BUFFER
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STUMPS TO REMAIN
AREA OF PROPOSED TREE CLEARING
AND STUMP REMOVAL
LIMIT OF CLEARING



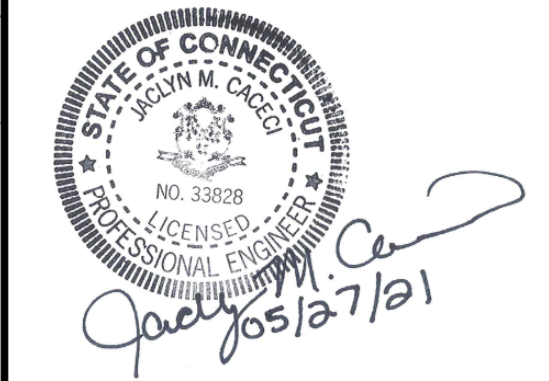
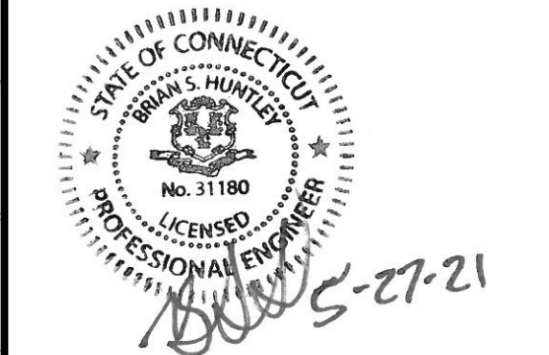
WETLAND
TIER 1 PLANTINGS
TIER 2 PLANTINGS
TIER 3 PLANTINGS
UTILITY POLE
LIGHT POLE
FLARED END SECTION
SPOT GRADE
MAGNITUDE & DIRECTION OF SLOPE
CONSTRUCTION LAYDOWN AREA



NOTE: BOLD TEXT AND LINES
INDICATE PROPOSED WORK.
LIGHT TEXT AND LINES INDICATE
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CONDITIONS.



Tighe&Bond



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CONSTRUCTION**

**Quinebaug
Solar Project**

**Quinebaug
Solar, LLC**


**Brooklyn &
Canterbury,
Connecticut**

VERIFY SCALE

BAR IS 1 INCH ON
ORIGINAL DRAWING
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THIS SHEET, ADJUST
SCALES ACCORDINGLY

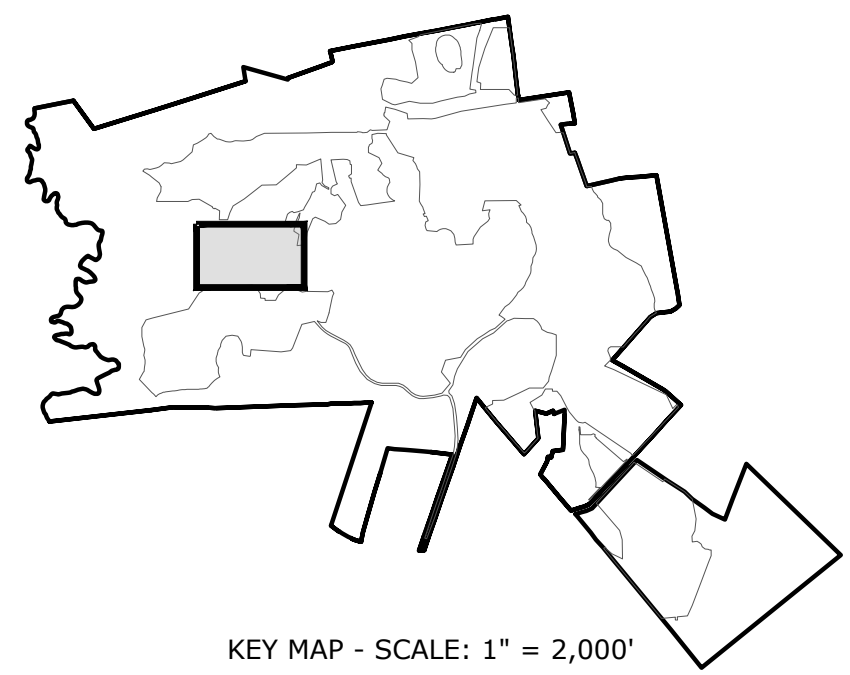
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DATE:	05/2021	
FILE:	Quinebaug Existing Conditions - IFC.dwg	
DRAWN BY:	ALG/JDG	
CHECKED:	JMC	
APPROVED:	BSH	
EXISTING CONDITIONS AND DEMOLITION - 13		
SCALE:	1" = 40'	
C-014		

Brooklyn &
Canterbury,
Connecticut

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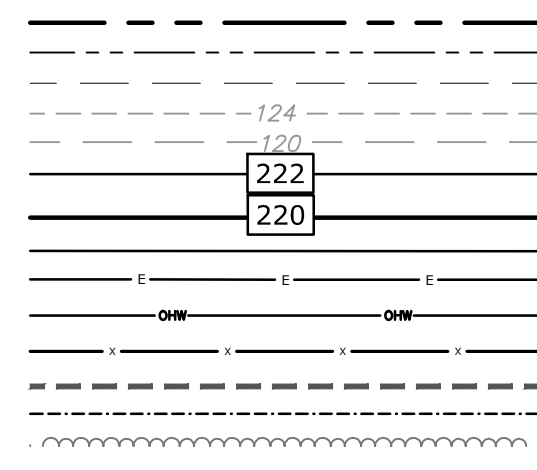
EXISTING CONDITIONS AND
DEMOLITION - 14

-015

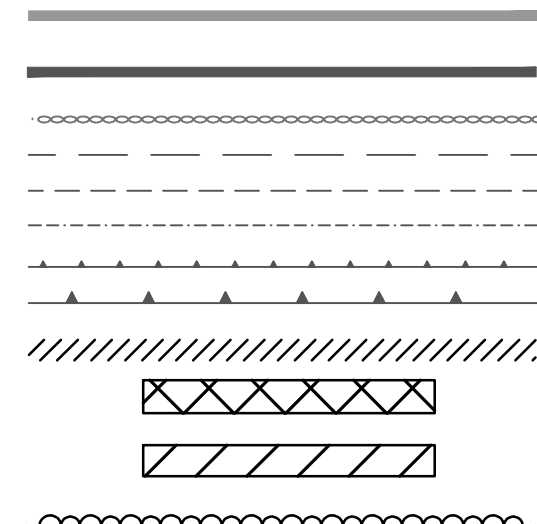


PROPERTY LINE
PROPERTY LINE SETBACK
EASEMENT LINE
EXISTING INTERMEDIATE CONTOURS
EXISTING INDEX CONTOURS
PROPOSED INTERMEDIATE CONTOURS
PROPOSED INDEX CONTOURS
GRAVEL ROAD/DRIVEWAY
UNDERGROUND ELECTRIC LINE
OVERHEAD ELECTRIC LINE
CHAIN LINK FENCE

LIMITS OF WORK
TOWN BOUNDARY
EXISTING TREE LINE
DIRECTIONAL BUFFER / VERNAL POOL
ENVELOPE



HERPETOFAUNA PROTECTION AREA
CULTURAL RESOURCE AREA TO BE AVOIDED
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STUMPS TO REMAIN
AREA OF PROPOSED TREE CLEARING
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LIMIT OF CLEARING

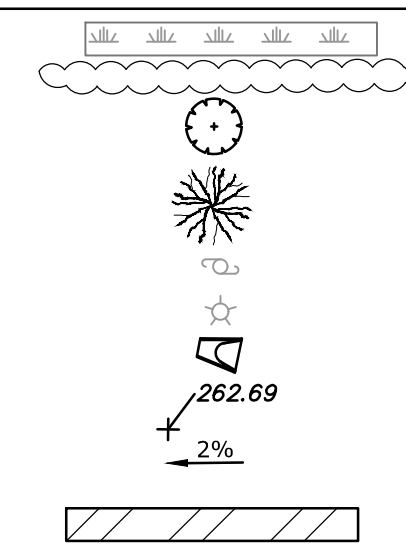


WETLAND
TIER 1 PLANTINGS
TIER 2 PLANTINGS
TIER 3 PLANTINGS

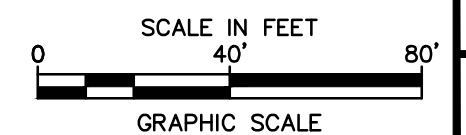
UTILITY POLE
LIGHT POLE
FLARED END SECTION

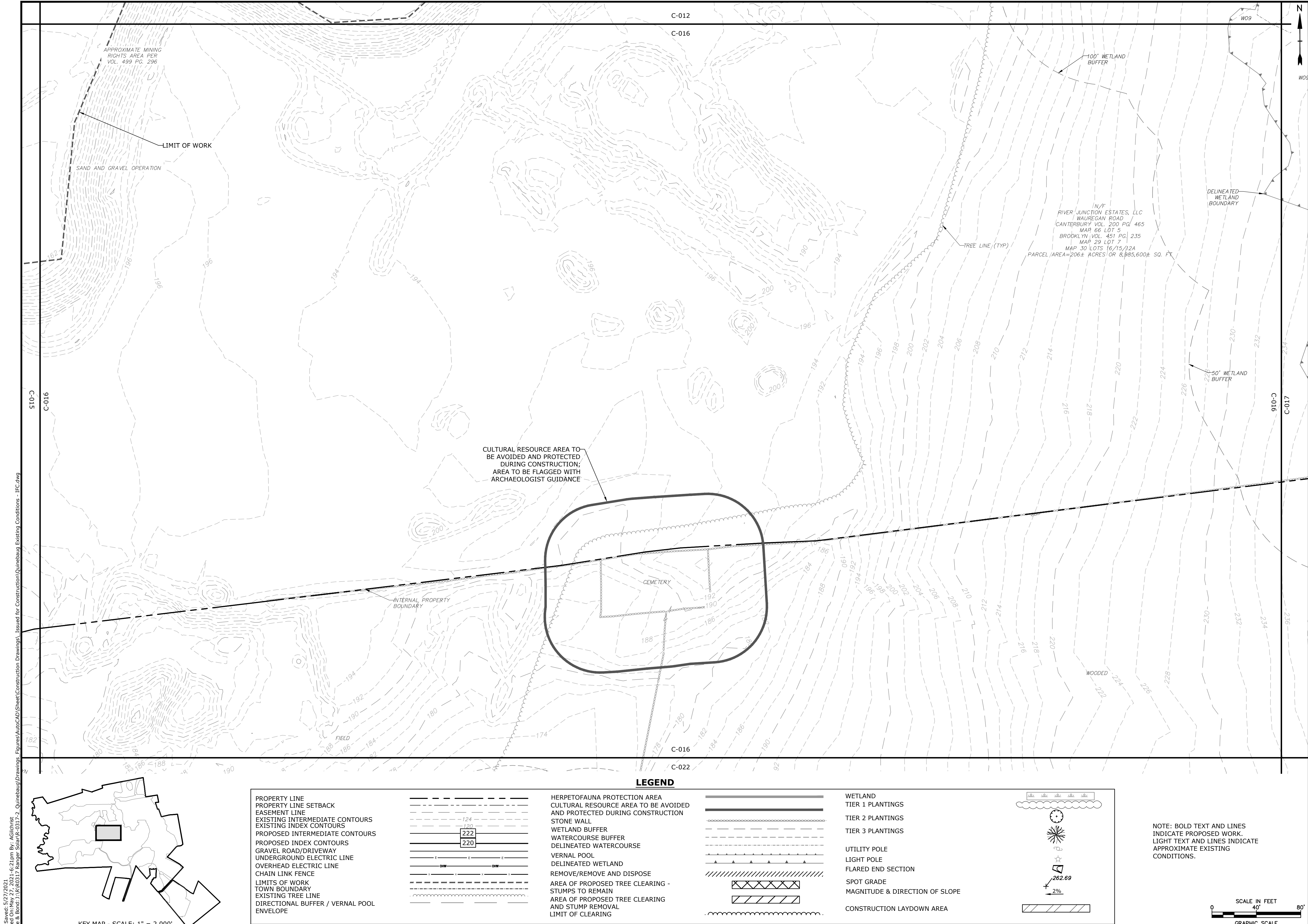
SPOT GRADE
MAGNITUDE & DIRECTION OF SLOPE

CONSTRUCTION LAYDOWN AREA



NOTE: BOLD TEXT AND LINES
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LIGHT TEXT AND LINES INDICATE
APPROXIMATE EXISTING
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Quinebaug Solar Project

Quinebaug Solar, LLC

Brooklyn & Canterbury, Connecticut

MARK	DATE	DESCRIPTION
PROJECT NO:	R0317	
DATE:	05/2021	
FILE:	Quinebaug Existing Conditions - IFC.dwg	
DRAWN BY:	ALG/JDG	
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APPROVED:	BSH	

EXISTING CONDITIONS AND DEMOLITION - 15

SCALE: 1" = 40'

C-016

Brooklyn &
Canterbury,
Connecticut

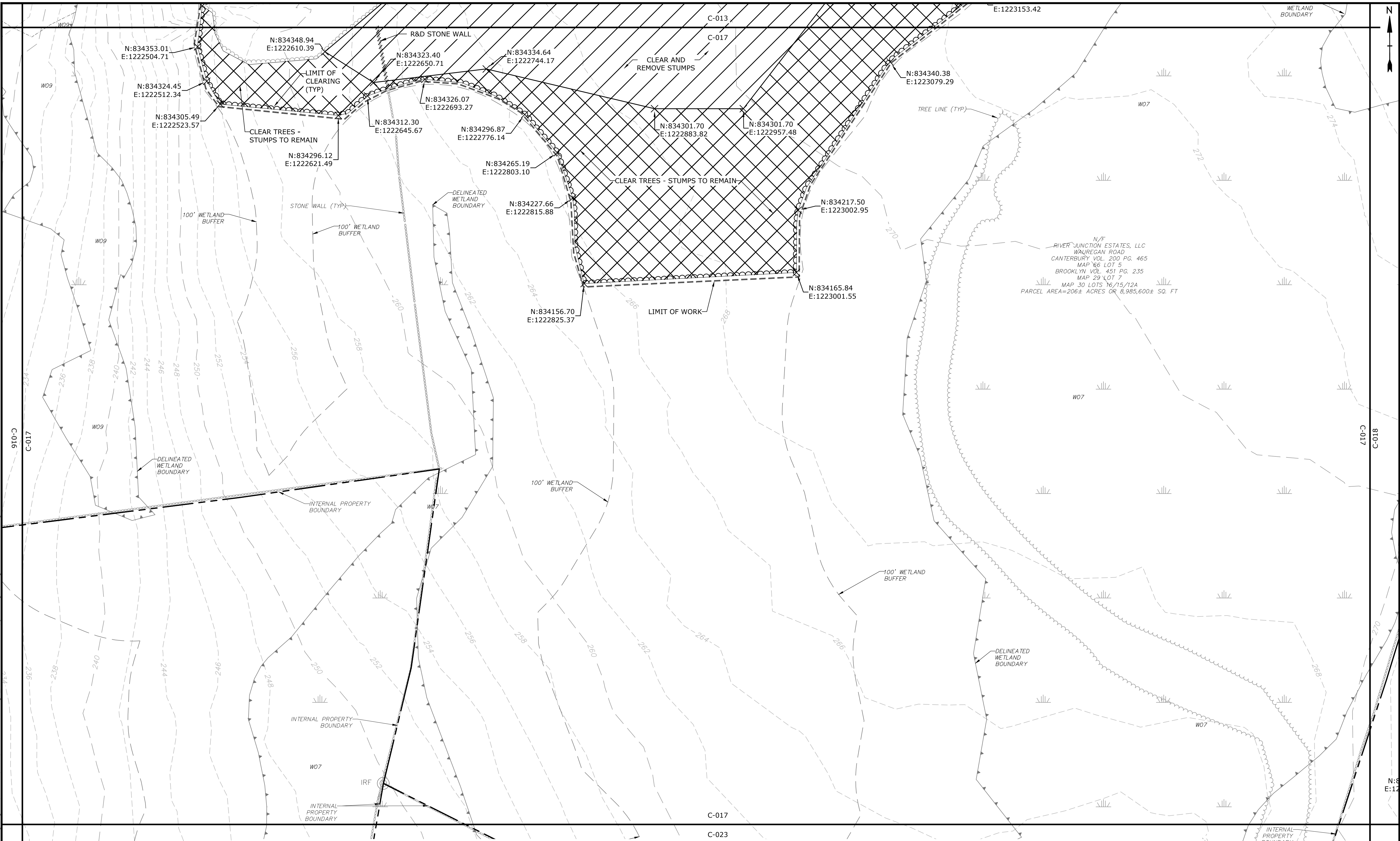
BAR IS 1 INCH ON
ORIGINAL DRAWING
1 INCH
IF NOT ONE INCH ON
THIS SHEET, ADJUST
SCALES ACCORDINGLY

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DATE:	05/2021	
FILE:Quinebaug Existing Conditions - IFC.dwg		
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APPROVED:	BSH	

EXISTING CONDITIONS AND
DEMOLITION - 16

SCALE: 1" = 40'

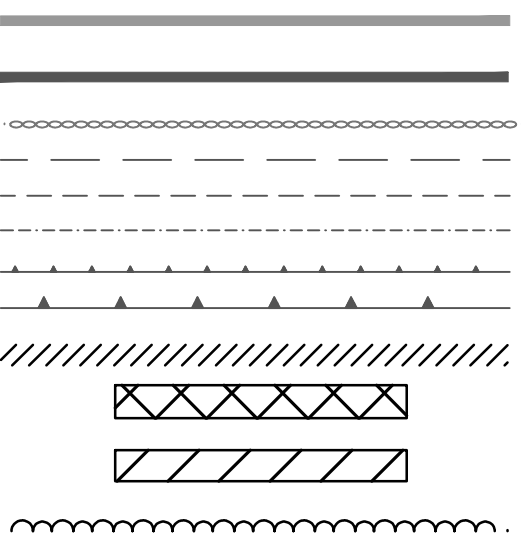
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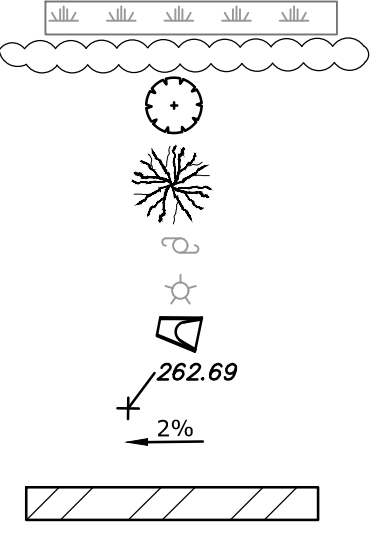
PROPERTY LINE
 PROPERTY LINE SETBACK
 EASEMENT LINE
 EXISTING INTERMEDIATE CONTOURS
 EXISTING INDEX CONTOURS
 PROPOSED INTERMEDIATE CONTOURS
 PROPOSED INDEX CONTOURS
 GRAVEL ROAD/DRIVEWAY
 UNDERGROUND ELECTRIC LINE
 OVERHEAD ELECTRIC LINE
 CHAIN LINK FENCE
 LIMITS OF WORK
 TOWN BOUNDARY
 EXISTING TREE LINE
 DIRECTIONAL BUFFER / VERNAL POOL
 ENVELOPE

The diagram illustrates a property line setback. It shows a series of horizontal lines representing different boundaries and features. From top to bottom, the features are: a solid line for the PROPERTY LINE, a dashed line for the PROPERTY LINE SETBACK, a solid line for the EASEMENT LINE, a dashed line for EXISTING INTERMEDIATE CONTOURS, a solid line for EXISTING INDEX CONTOURS, a dashed line for PROPOSED INTERMEDIATE CONTOURS, a solid line for PROPOSED INDEX CONTOURS, a dashed line for GRAVEL ROAD/DRIVEWAY, a solid line for UNDERGROUND ELECTRIC LINE, a dashed line for OVERHEAD ELECTRIC LINE, a solid line for CHAIN LINK FENCE, a dashed line for LIMITS OF WORK, a solid line for TOWN BOUNDARY, a dashed line for EXISTING TREE LINE, and a solid line for DIRECTIONAL BUFFER / VERNAL POOL ENVELOPE. A specific setback distance of 124 is indicated between the PROPERTY LINE and the PROPERTY LINE SETBACK. Another setback distance of 120 is indicated between the EASEMENT LINE and the EXISTING INDEX CONTOURS. A boxed area labeled '222' is shown between the EXISTING INDEX CONTOURS and the PROPOSED INTERMEDIATE CONTOURS. A boxed area labeled '220' is shown between the PROPOSED INTERMEDIATE CONTOURS and the PROPOSED INDEX CONTOURS. The diagram also shows a gravel road/driveway, underground and overhead electric lines, a chain link fence, limits of work, a town boundary, an existing tree line, and a directional buffer / vernal pool envelope.

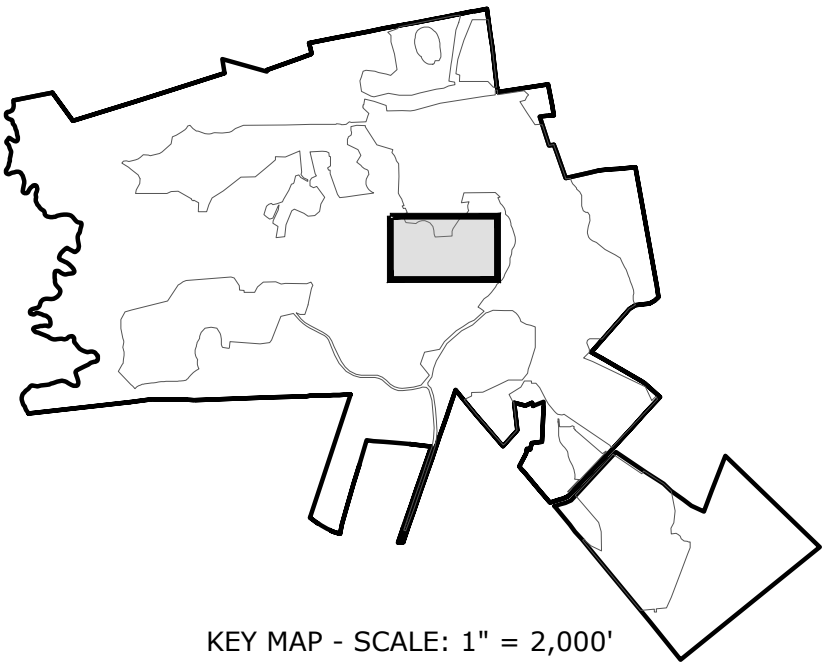
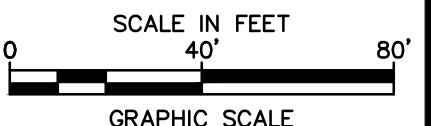
HERPETOFAUNA PROTECTION AREA
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WETLAND BUFFER
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LIMIT OF CLEARING



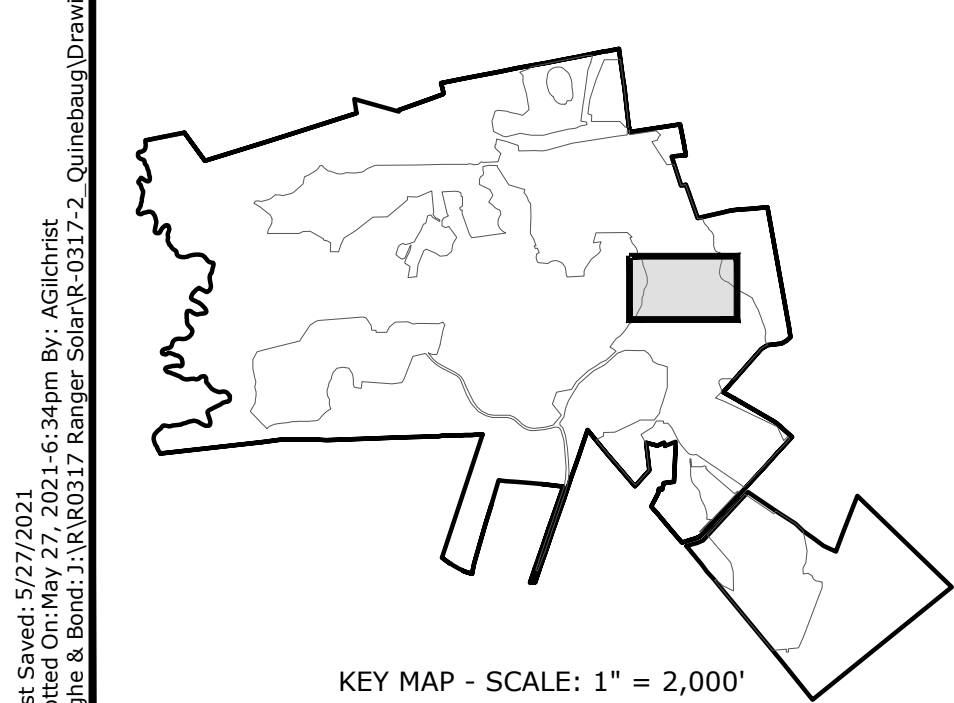
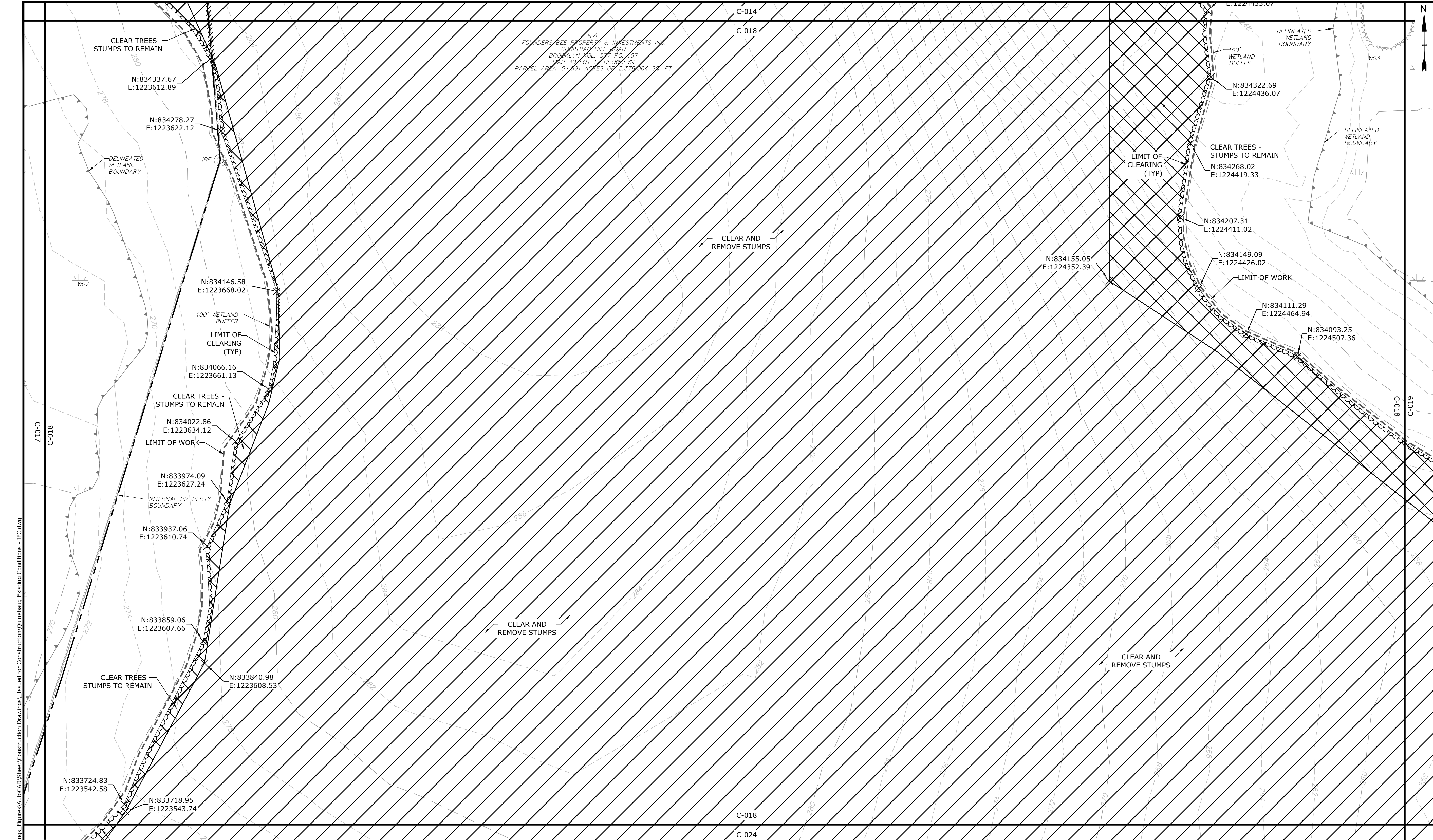
WETLAND
TIER 1 PLANTINGS
TIER 2 PLANTINGS
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UTILITY POLE
LIGHT POLE
FLARED END SECTION
SPOT GRADE
MAGNITUDE & DIRECTION OF SLOPE
CONSTRUCTION LAYDOWN AREA



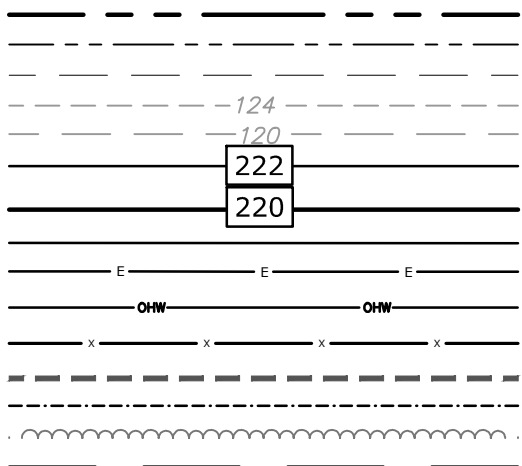
NOTE: BOLD TEXT AND LINES INDICATE PROPOSED WORK. LIGHT TEXT AND LINES INDICATE APPROXIMATE EXISTING CONDITIONS.



KEY MAP - SCALE: 1" = 2,000'

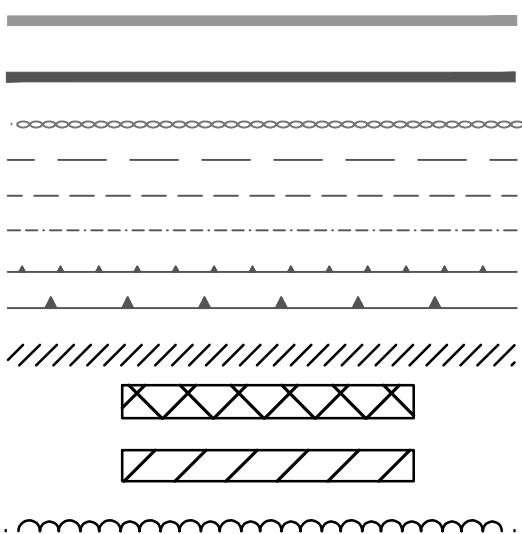


PROPERTY LINE
PROPERTY LINE SETBACK
EASEMENT LINE
EXISTING INTERMEDIATE CONTOURS
EXISTING INDEX CONTOURS
PROPOSED INTERMEDIATE CONTOURS
PROPOSED INDEX CONTOURS
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LIMITS OF WORK
TOWN BOUNDARY
EXISTING TREE LINE
DIRECTIONAL BUFFER / VERNAL POOL
ENVELOPE

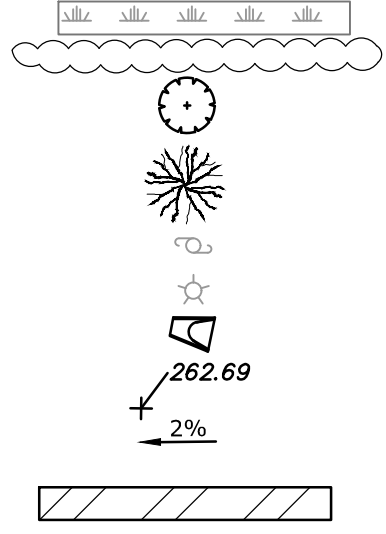


LEGEND

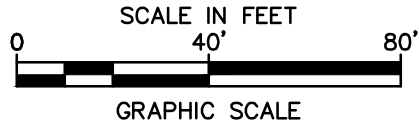
HERPETOFAUNA PROTECTION AREA
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AND STUMP REMOVAL
LIMIT OF CLEARING



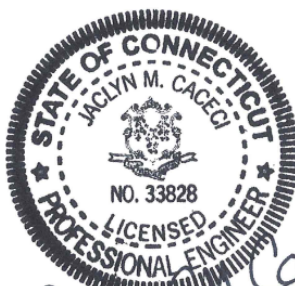
WETLAND
TIER 1 PLANTINGS
TIER 2 PLANTINGS
TIER 3 PLANTINGS
UTILITY POLE
LIGHT POLE
FLARED END SECTION
SPOT GRADE
MAGNITUDE & DIRECTION OF SLOPE
CONSTRUCTION LAYDOWN AREA



NOTE: BOLD TEXT AND LINES
INDICATE PROPOSED WORK.
LIGHT TEXT AND LINES INDICATE
APPROXIMATE EXISTING
CONDITIONS.



Tighe&Bond



**ISSUED FOR
CONSTRUCTION**

**Quinebaug
Solar Project**

**Quinebaug
Solar, LLC**

**Brooklyn &
Canterbury,
Connecticut**

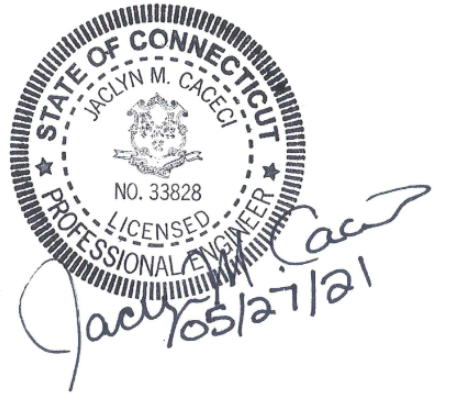
VERIFY SCALE
BAR IS 1 INCH ON
ORIGINAL DRAWING
0 1 INCH
IF NOT ONE INCH ON
THIS SHEET, ADJUST
SCALES ACCORDINGLY

MARK	DATE	DESCRIPTION
PROJECT NO:	R0317	
DATE:	05/2021	
FILE:	Quinebaug Existing Conditions - IFC.dwg	
DRAWN BY:	ALG/JDG	
CHECKED:	JMC	
APPROVED:	BSH	

**EXISTING CONDITIONS AND
DEMOLITION - 17**

SCALE: 1" = 40'


C-018



Quinebaug Solar Project

Quinebaug
Solar, LLC

Brooklyn &
Canterbury,
Connecticut

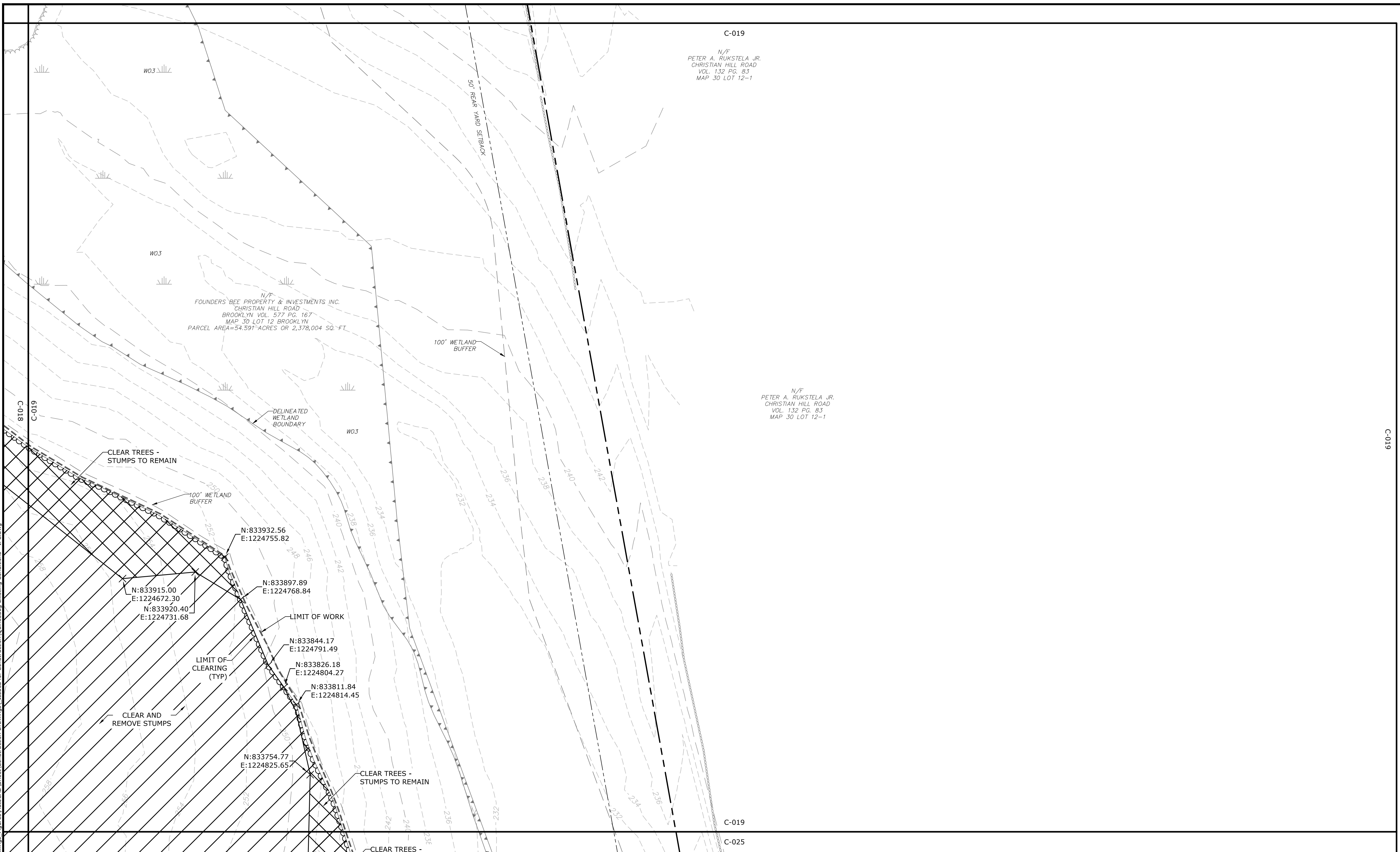
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MARK	DATE	DESCRIPTION
PROJECT NO:		R0317
DATE:		05/2021
FILE:Quinebaug Existing Conditions - IFC.dwg		
DRAWN BY:		ALG/JDG
CHECKED:		JMC
APPROVED:		BSH

EXISTING CONDITIONS AND
DEMOLITION - 18

SCALE: 1" = 40'

C-019



LEGEND

PROPERTY LINE
PROPERTY LINE SETBACK
EASEMENT LINE
EXISTING INTERMEDIATE CONTOURS
EXISTING INDEX CONTOURS
PROPOSED INTERMEDIATE CONTOURS
PROPOSED INDEX CONTOURS
GRAVEL ROAD/DRIVEWAY
UNDERGROUND ELECTRIC LINE
OVERHEAD ELECTRIC LINE
CHAIN LINK FENCE
LIMITS OF WORK
TOWN BOUNDARY
EXISTING TREE LINE
DIRECTIONAL BUFFER / VERNAL POOL
ENVELOPE

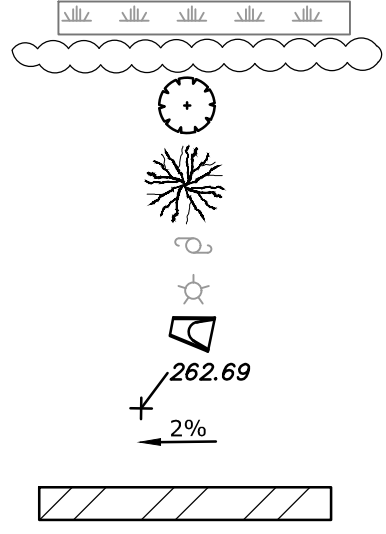
Handwriting practice sheet showing the number 222 written on a four-line grid. The number is shown in two sizes: a smaller '124' and a larger '120'. Below these are two rows of the number '222' in a box, followed by two rows of the number '222' in a box. The bottom row of the number '222' is highlighted in red. The sheet includes dashed lines for tracing and a wavy line for free writing.

HERPETOFAUNA PROTECTION AREA
CULTURAL RESOURCE AREA TO BE AVOIDED
AND PROTECTED DURING CONSTRUCTION
STONE WALL
WETLAND BUFFER
WATERCOURSE BUFFER
DELINEATED WATERCOURSE
VERNAL POOL
DELINEATED WETLAND
REMOVE/REMOVE AND DISPOSE
AREA OF PROPOSED TREE CLEARING -
STUMPS TO REMAIN
AREA OF PROPOSED TREE CLEARING
AND STUMP REMOVAL
LIMIT OF CLEARING

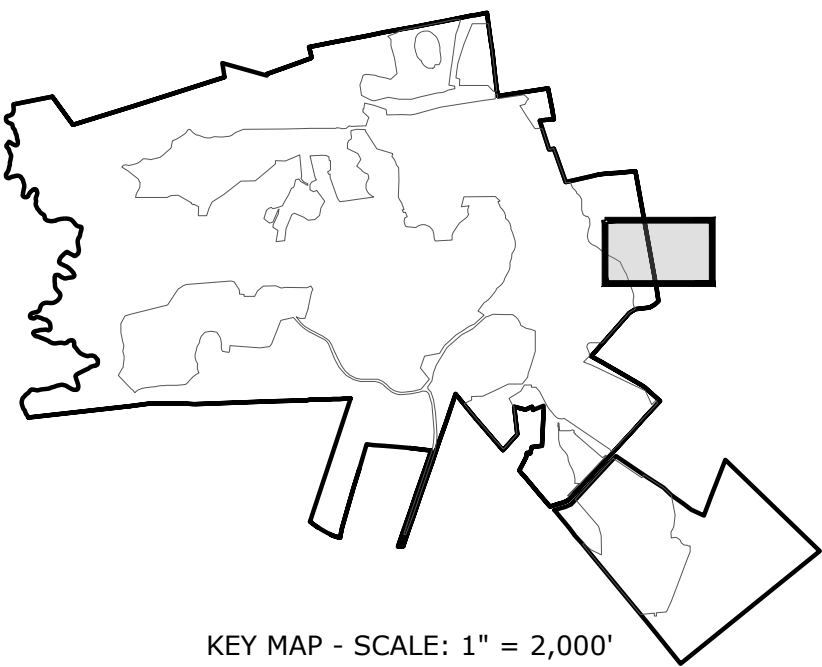
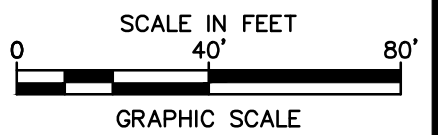
WETLAND
TIER 1 PLANTINGS
TIER 2 PLANTINGS
TIER 3 PLANTINGS

UTILITY POLE
LIGHT POLE
FLARED END SECTION
SPOT GRADE
MAGNITUDE & DIRECTION OF SLOPE

CONSTRUCTION LAYDOWN AREA



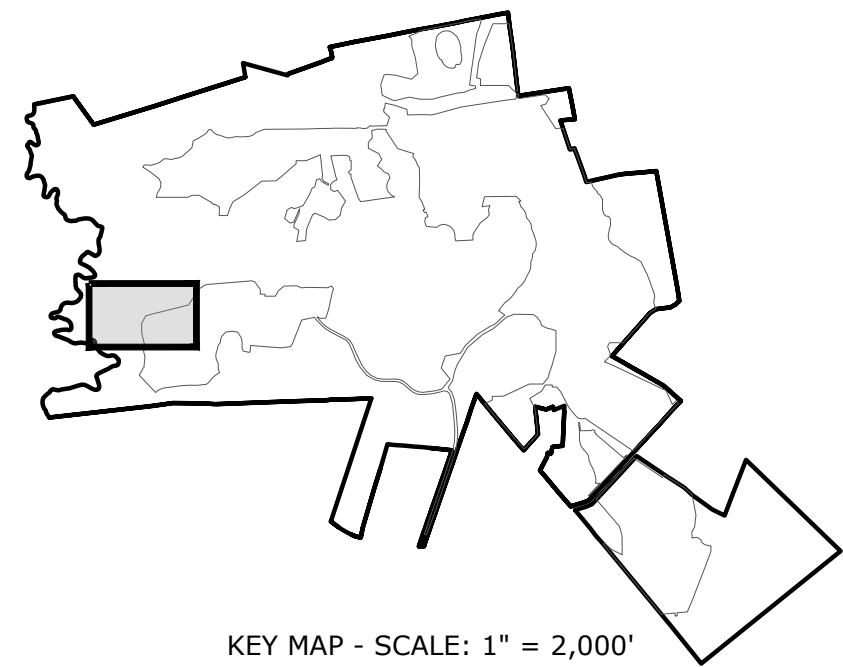
NOTE: BOLD TEXT AND LINES
INDICATE PROPOSED WORK.
LIGHT TEXT AND LINES INDICATE
APPROXIMATE EXISTING
CONDITIONS.



KEY MAP - SCALE: 1" = 2,000'

BAR IS 1 INCH ON
ORIGINAL DRAWING
1 INCH
IF NOT ONE INCH ON
THIS SHEET, ADJUST
SCALES ACCORDINGLY

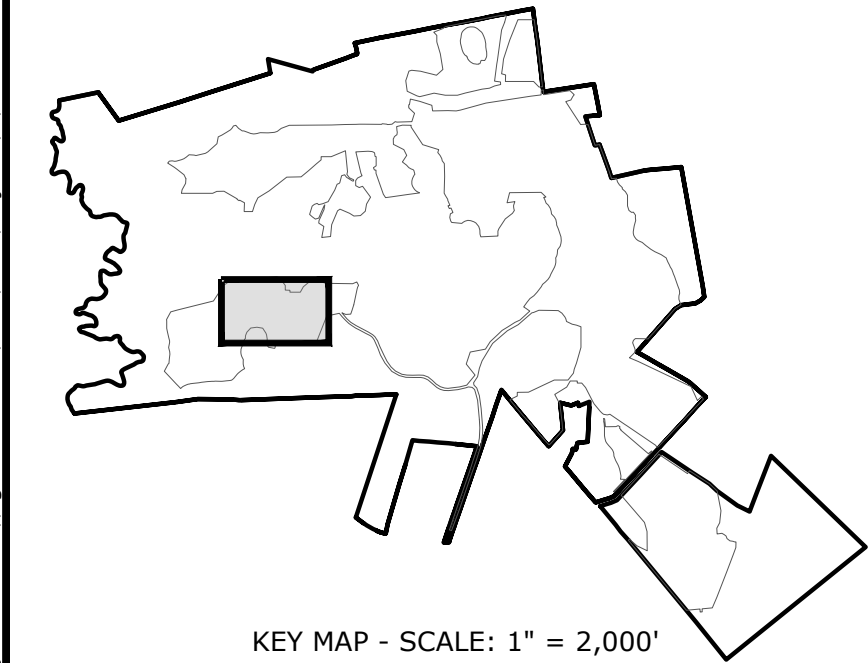
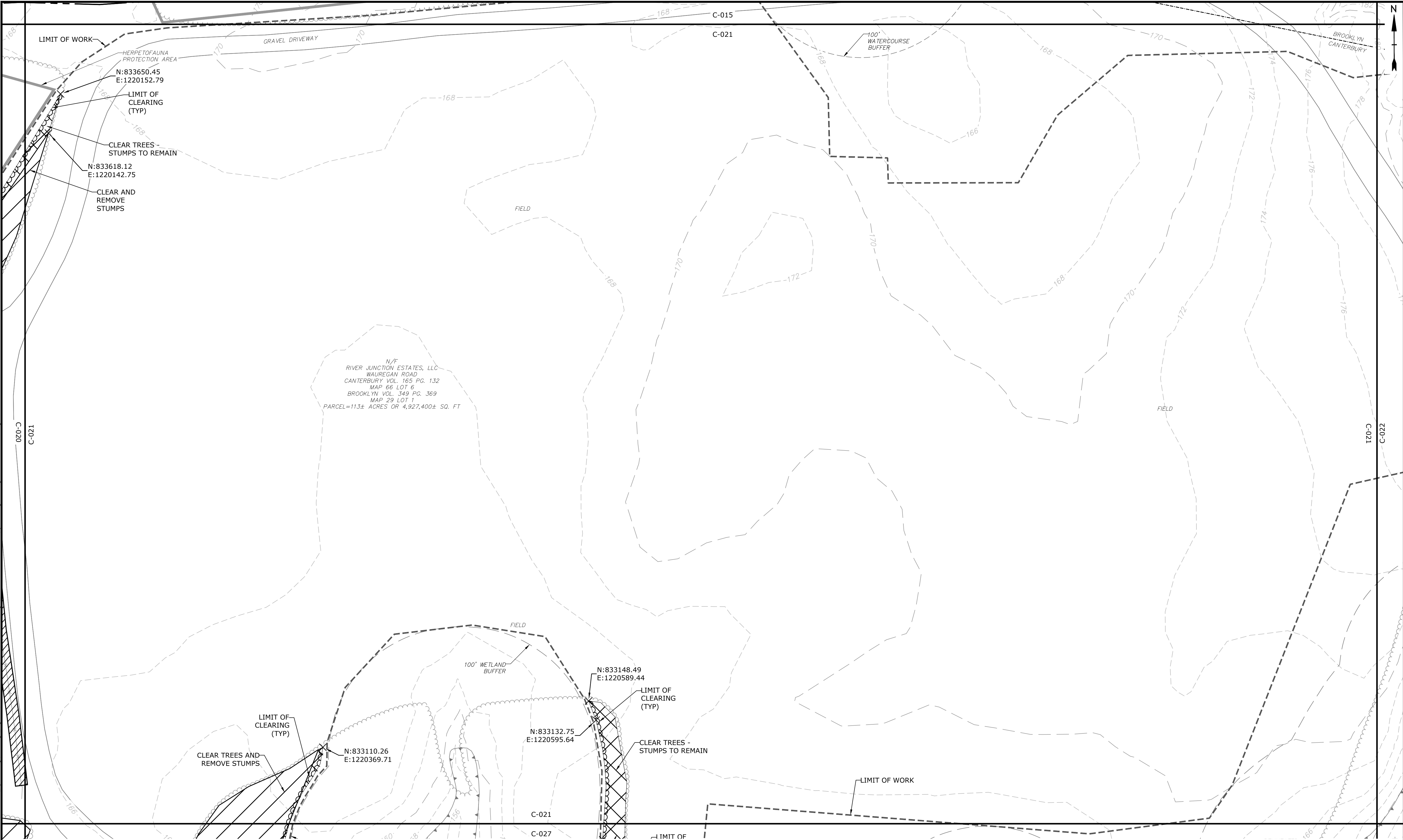
C-020



The diagram illustrates a multi-layered system with various boundary conditions. At the top, there are two solid horizontal lines. Below these is a layer of small circles, followed by a layer of small triangles. The bottom-most layer is a hatched region. Two rectangular boxes are shown at the bottom, each containing a different pattern of diagonal lines, representing different material properties or boundary conditions.

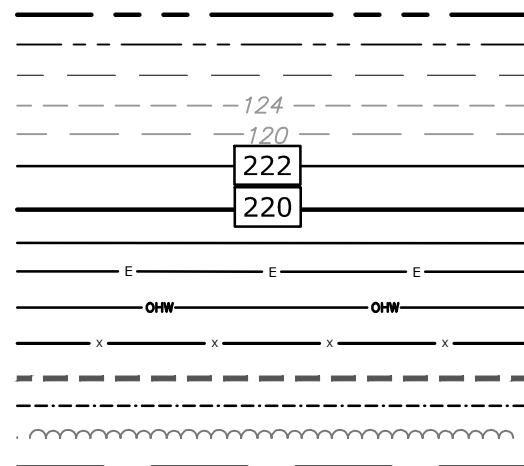
A horizontal scale bar with alternating black and white segments. It is labeled "SCALE IN FEET" at the top and "GRAPHIC SCALE" at the bottom. The bar has markings for 0, 40', and 80'.

Last Saved: 5/27/2021
 Plotted On: May 27, 2021 4:47pm By: ELD
 Tighe & Bond: \\tighetbond.com\\data\\Data\\Projects\\R\\R0317 Ranger Solar\\R-0317-2 Quinebaug Drawings\\Figures\\AutoCAD\\Sheet\\Construction Drawings\\ Issued for Construction\\Quinebaug Existing Conditions - IFC.dwg

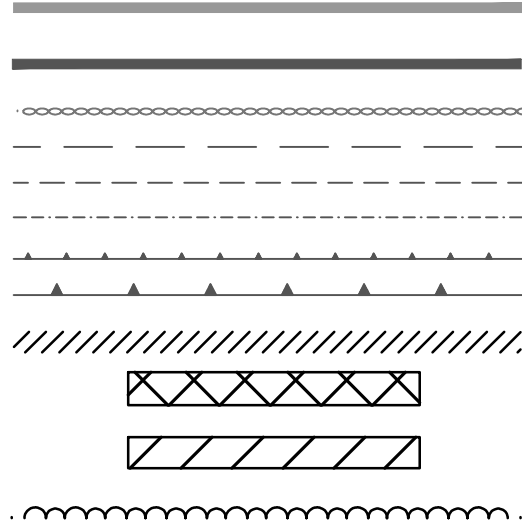


KEY MAP - SCALE: 1" = 2,000'

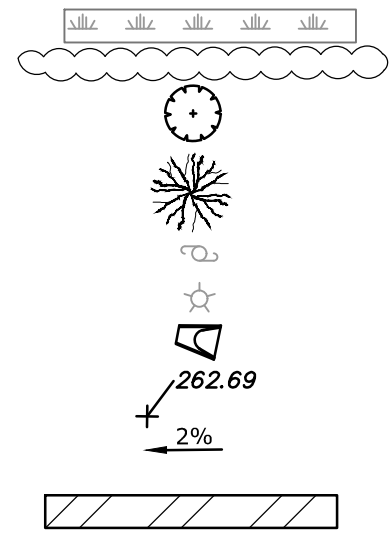
PROPERTY LINE
PROPERTY LINE SETBACK
EASEMENT LINE
EXISTING INTERMEDIATE CONTOURS
EXISTING INDEX CONTOURS
PROPOSED INTERMEDIATE CONTOURS
PROPOSED INDEX CONTOURS
GRAVEL ROAD/DRIVEWAY
UNDERGROUND ELECTRIC LINE
OVERHEAD ELECTRIC LINE
CHAIN LINK FENCE
LIMITS OF WORK
TOWN BOUNDARY
EXISTING TREE LINE
DIRECTIONAL BUFFER / VERNAL POOL
ENVELOPE



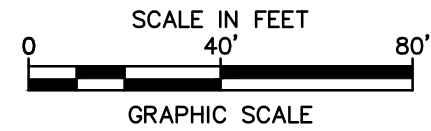
HERPETOFAUNA PROTECTION AREA
CULTURAL RESOURCE AREA TO BE AVOIDED
AND PROTECTED DURING CONSTRUCTION
STONE WALL
WETLAND BUFFER
WATERCOURSE BUFFER
DELINEATED WATERCOURSE
VERNAL POOL
DELINEATED WETLAND
REMOVE/REMOVE AND DISPOSE
AREA OF PROPOSED TREE CLEARING -
STUMPS TO REMAIN
AREA OF PROPOSED TREE CLEARING
AND STUMP REMOVAL
LIMIT OF CLEARING



WETLAND
TIER 1 PLANTINGS
TIER 2 PLANTINGS
TIER 3 PLANTINGS
UTILITY POLE
LIGHT POLE
FLARED END SECTION
SPOT GRADE
MAGNITUDE & DIRECTION OF SLOPE
CONSTRUCTION LAYDOWN AREA



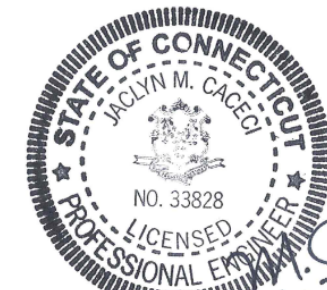
NOTE: BOLD TEXT AND LINES
INDICATE PROPOSED WORK.
LIGHT TEXT AND LINES INDICATE
APPROXIMATE EXISTING
CONDITIONS.



Tighe&Bond



12-22-21



10/12/21

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Solar Project

Quinebaug
Solar, LLC

Brooklyn &
Canterbury,
Connecticut

VERIFY SCALE

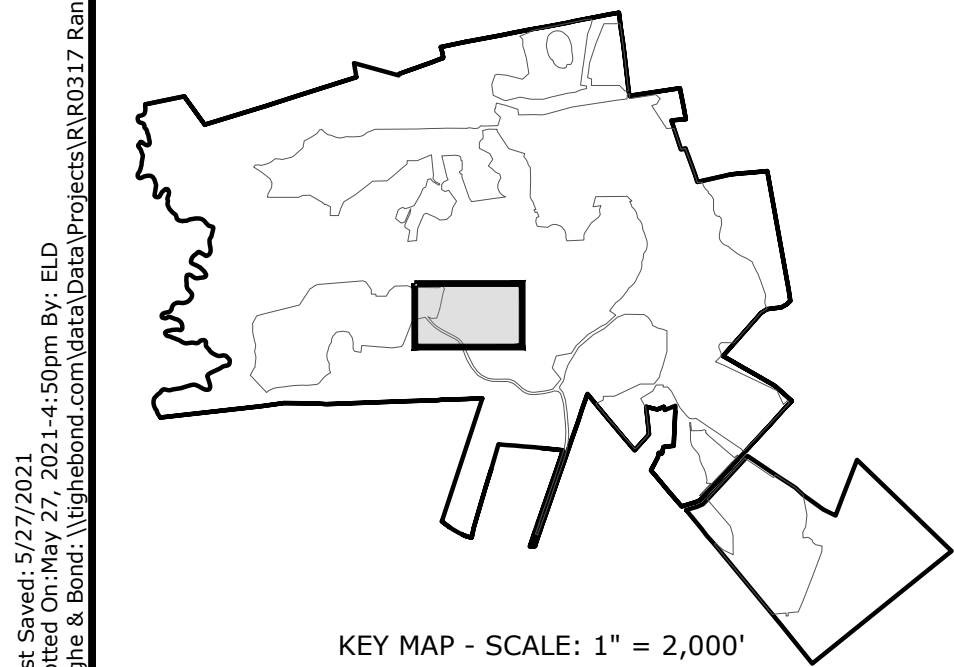
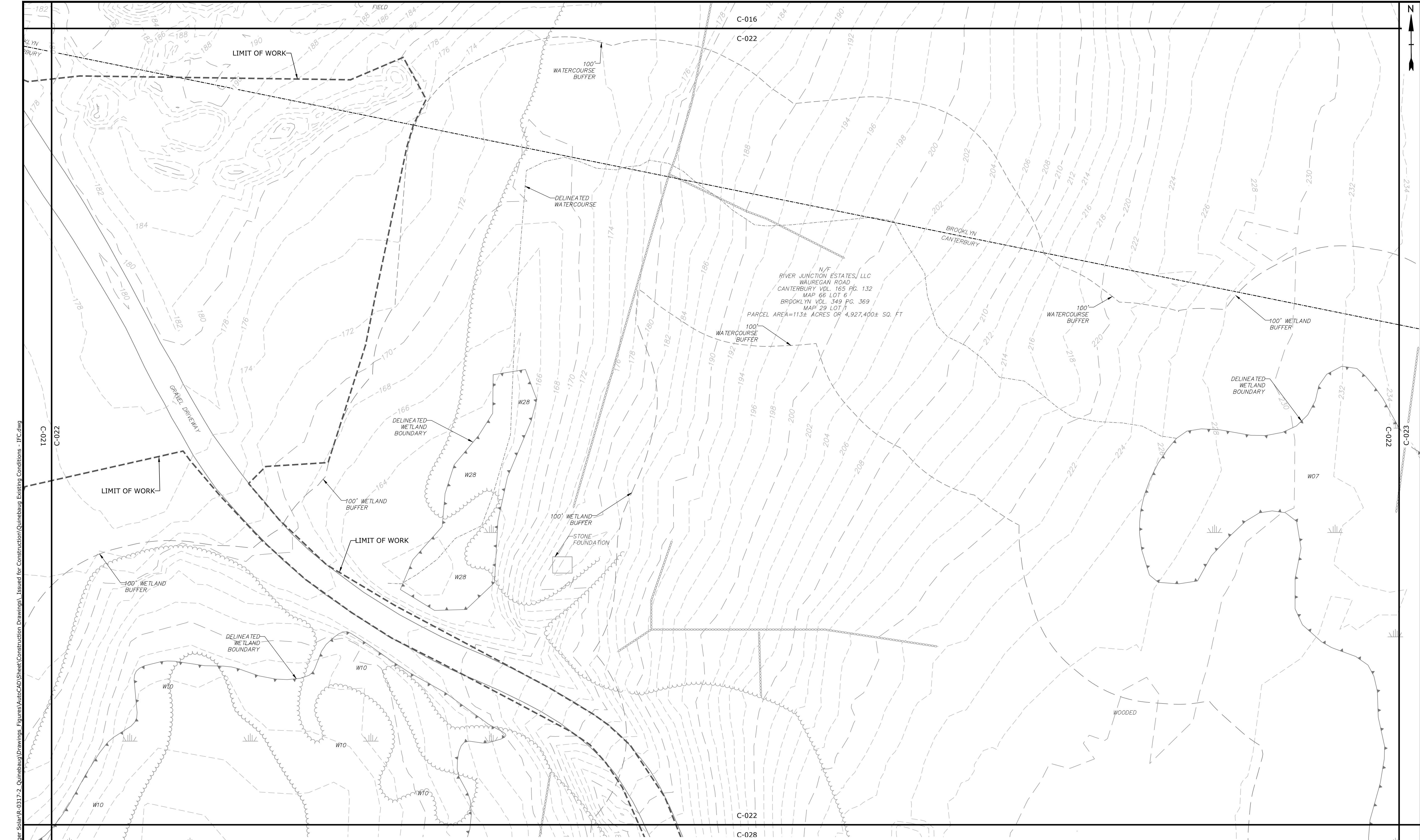
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IF NOT ONE INCH ON
THIS SHEET, ADJUST
SCALES ACCORDINGLY

MARK	DATE	DESCRIPTION
PROJECT NO:	R0317	
DATE:	05/2021	
FILE:	Unsaved Drawing2.dwg	
DRAWN BY:	ALG/JDG	
CHECKED:	JMC	
APPROVED:	BSH	

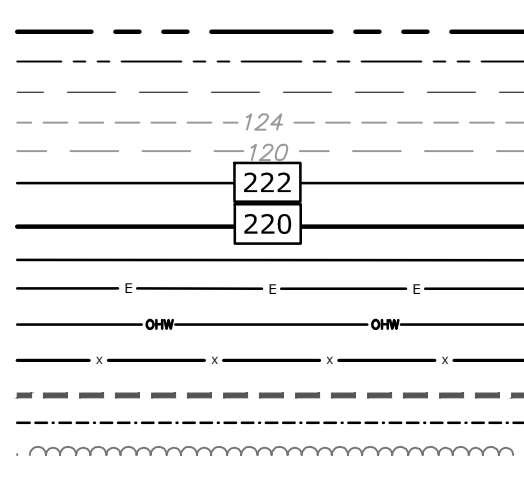
EXISTING CONDITIONS AND
DEMOLITION - 20

SCALE: 1" = 40'

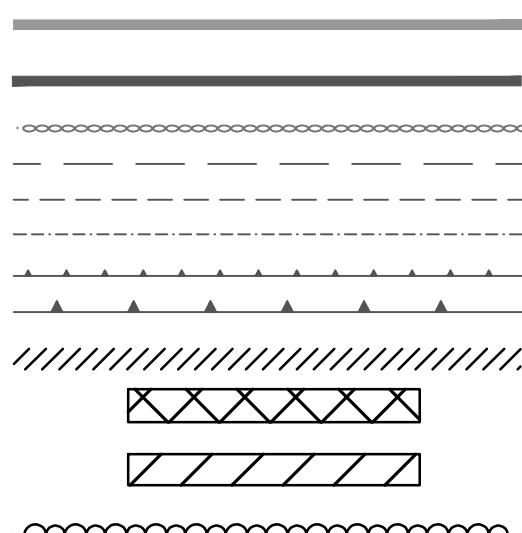
C-021



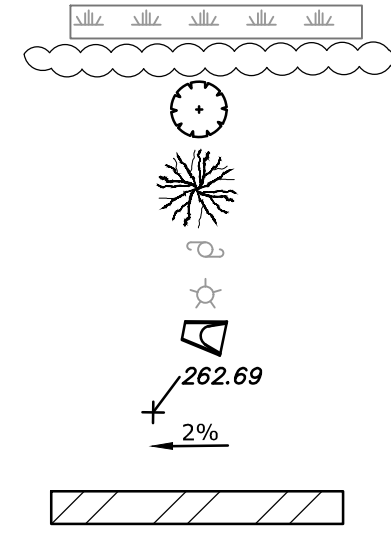
PROPERTY LINE
PROPERTY LINE SETBACK
EASEMENT LINE
EXISTING INTERMEDIATE CONTOURS
EXISTING INDEX CONTOURS
PROPOSED INTERMEDIATE CONTOURS
PROPOSED INDEX CONTOURS
GRAVEL ROAD/DRIVEWAY
UNDERGROUND ELECTRIC LINE
OVERHEAD ELECTRIC LINE
CHAIN LINK FENCE
LIMITS OF WORK
TOWN BOUNDARY
EXISTING TREE LINE
DIRECTIONAL BUFFER / VERNAL POOL
ENVELOPE



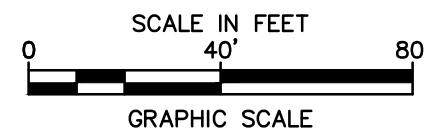
HERPETOFAUNA PROTECTION AREA
CULTURAL RESOURCE AREA TO BE AVOIDED
AND PROTECTED DURING CONSTRUCTION
STONE WALL
WETLAND BUFFER
WATERCOURSE BUFFER
DELINEATED WATERCOURSE
VERNAL POOL
DELINEATED WETLAND
REMOVE/REMOVE AND DISPOSE
AREA OF PROPOSED TREE CLEARING -
STUMPS TO REMAIN
AREA OF PROPOSED TREE CLEARING
AND STUMP REMOVAL
LIMIT OF CLEARING



WETLAND
TIER 1 PLANTINGS
TIER 2 PLANTINGS
TIER 3 PLANTINGS
UTILITY POLE
LIGHT POLE
FLARED END SECTION
SPOT GRADE
MAGNITUDE & DIRECTION OF SLOPE
CONSTRUCTION LAYDOWN AREA



NOTE: BOLD TEXT AND LINES
INDICATE PROPOSED WORK.
LIGHT TEXT AND LINES INDICATE
APPROXIMATE EXISTING
CONDITIONS.



Tighe&Bond



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Solar Project

Quinebaug
Solar, LLC

Brooklyn &
Canterbury,
Connecticut

VERIFY SCALE

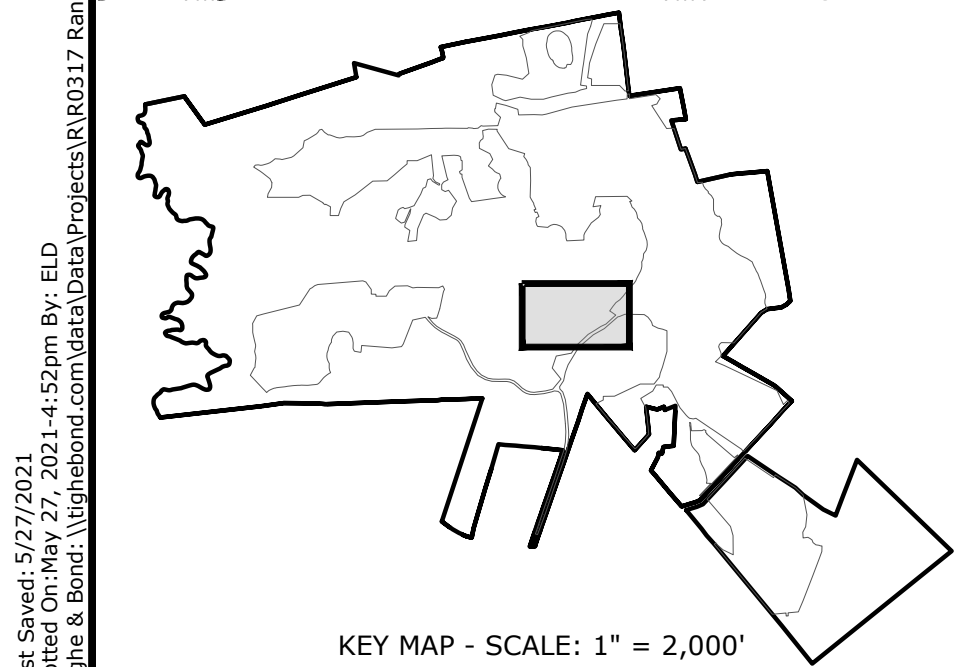
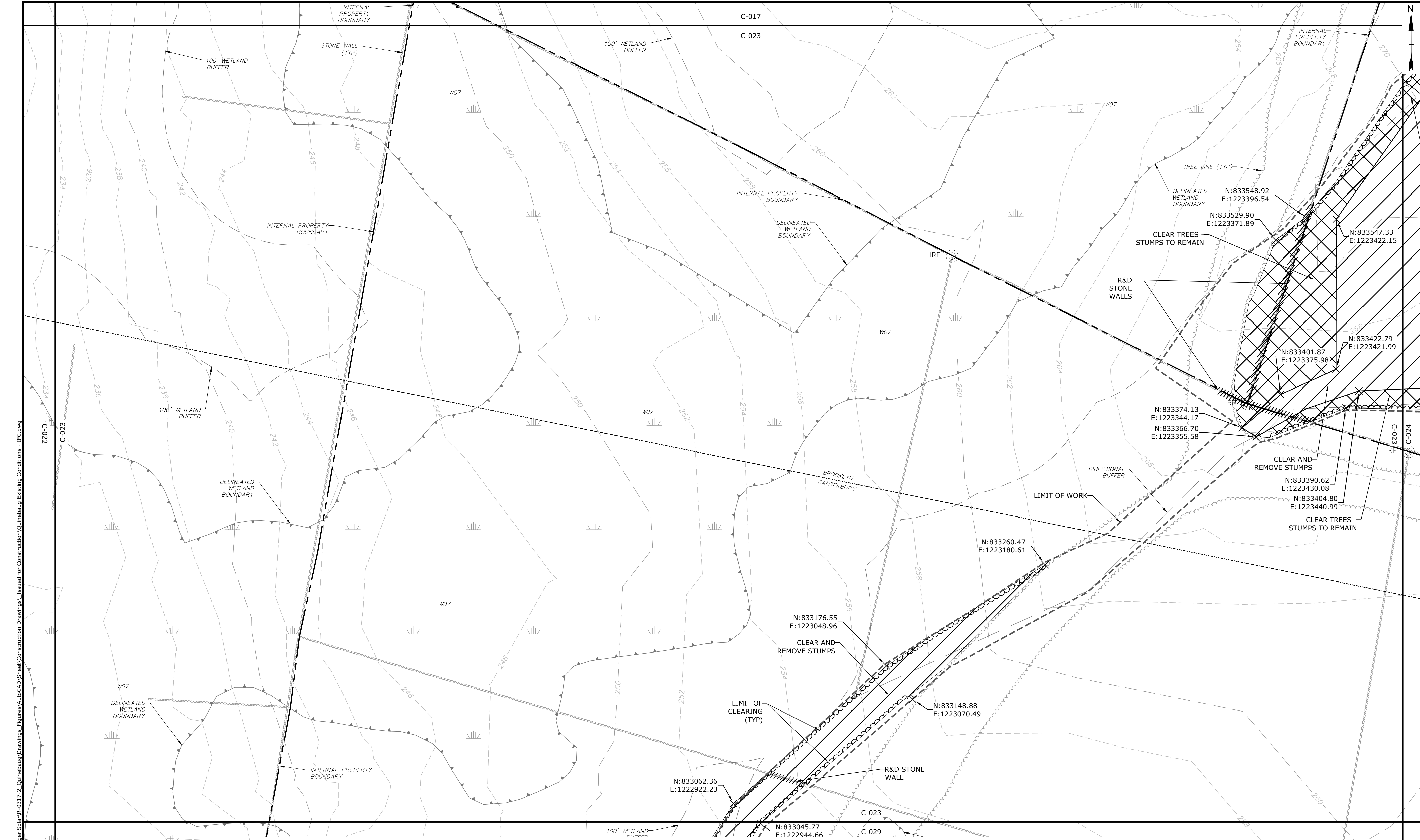
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IF NOT ONE INCH ON
THIS SHEET, ADJUST
SCALES ACCORDINGLY

MARK	DATE	DESCRIPTION
PROJECT NO:	R0317	
DATE:	05/2021	
FILE:Unsaved Drawing2.dwg		
DRAWN BY:	ALG/JDG	
CHECKED BY:	JMC	
APPROVED:	BSH	

EXISTING CONDITIONS AND
DEMOLITION - 21

SCALE: 1" = 40'

C-022

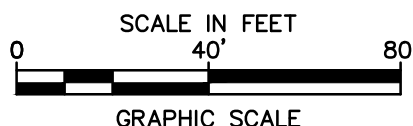


- LEGEND**
- PROPERTY LINE
PROPERTY LINE SETBACK
EASEMENT LINE
EXISTING INTERMEDIATE CONTOURS
EXISTING INDEX CONTOURS
PROPOSED INTERMEDIATE CONTOURS
PROPOSED INDEX CONTOURS
GRAVEL ROAD/DRIVEWAY
UNDERGROUND ELECTRIC LINE
OVERHEAD ELECTRIC LINE
CHAIN LINK FENCE
LIMITS OF WORK
TOWN BOUNDARY
EXISTING TREE LINE
DIRECTIONAL BUFFER / VERNAL POOL
ENVELOPE

- HERPETOFAUNA PROTECTION AREA
CULTURAL RESOURCE AREA TO BE AVOIDED
AND PROTECTED DURING CONSTRUCTION
STONE WALL
WETLAND BUFFER
WATERCOURSE BUFFER
DELINEATED WATERCOURSE
VERNAL POOL
DELINEATED WETLAND
REMOVE/REMOVE AND DISPOSE
AREA OF PROPOSED TREE CLEARING -
STUMPS TO REMAIN
AREA OF PROPOSED TREE CLEARING
AND STUMP REMOVAL
LIMIT OF CLEARING

- WETLAND
TIER 1 PLANTINGS
TIER 2 PLANTINGS
TIER 3 PLANTINGS
UTILITY POLE
LIGHT POLE
FLARED END SECTION
SPOT GRADE
MAGNITUDE & DIRECTION OF SLOPE
CONSTRUCTION LAYDOWN AREA

NOTE: BOLD TEXT AND LINES
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LIGHT TEXT AND LINES INDICATE
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CONDITIONS.



Tighe&Bond



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CONSTRUCTION**

**Quinebaug
Solar Project**

**Quinebaug
Solar, LLC**

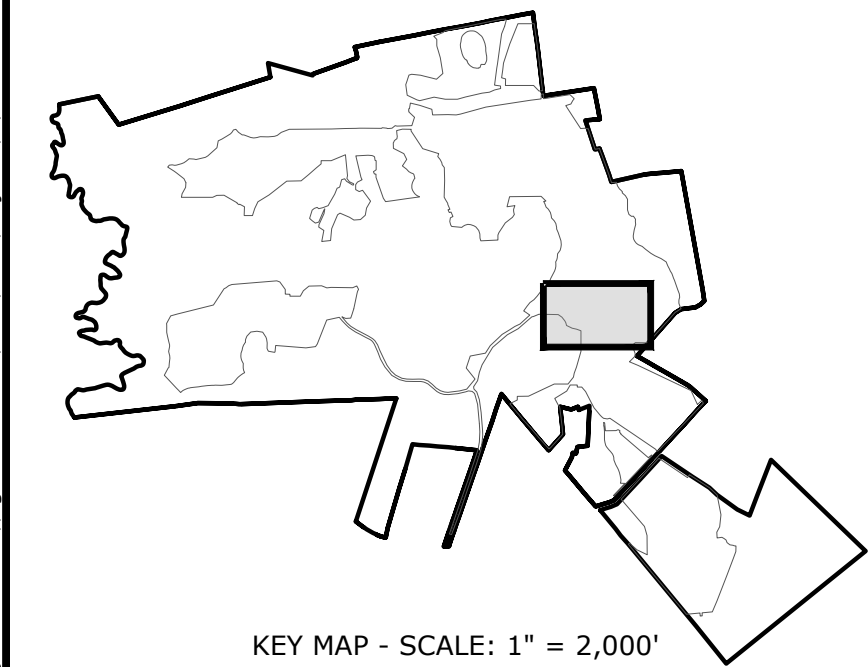
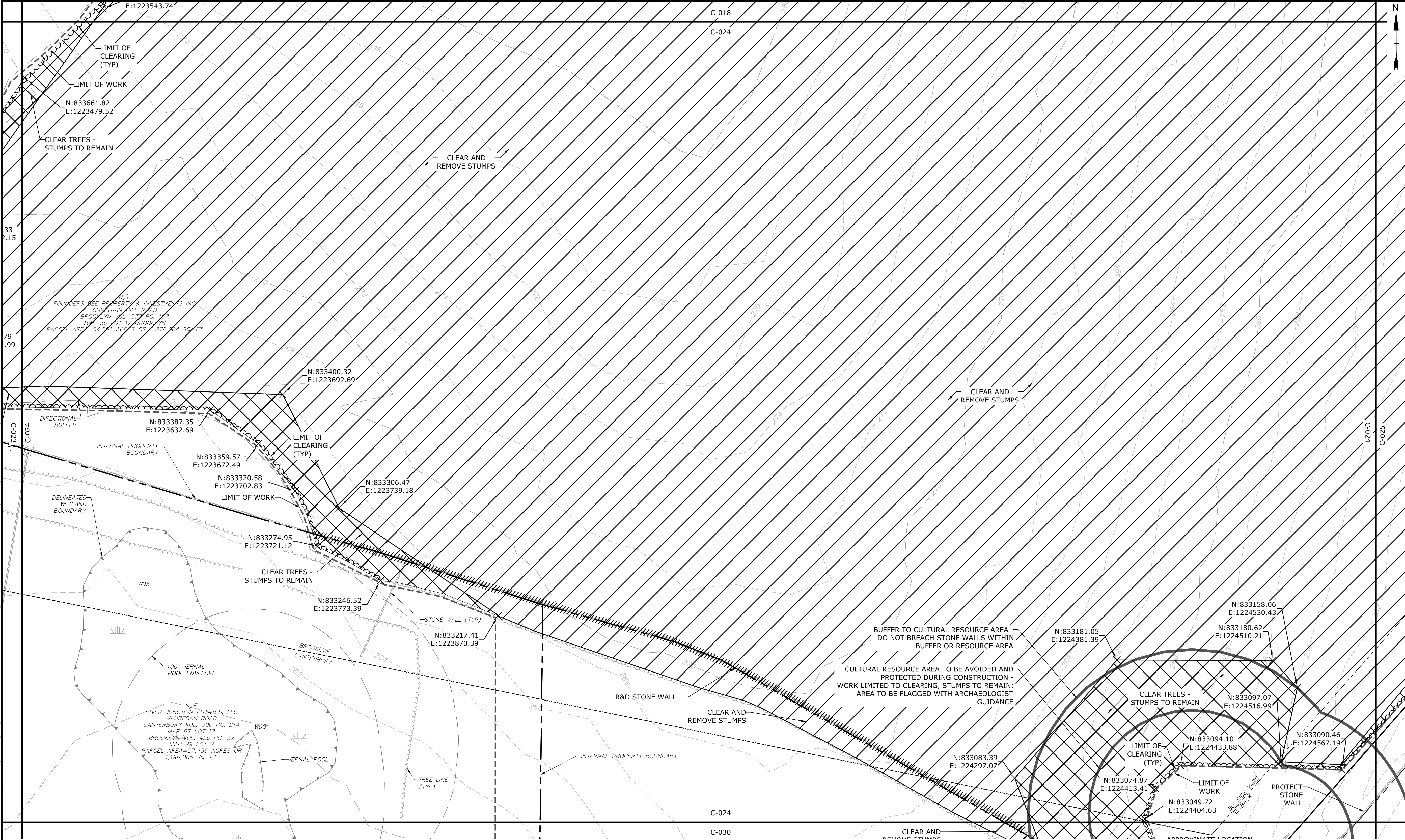
**Brooklyn &
Canterbury,
Connecticut**

VERIFY SCALE
BAR IS 1 INCH ON
ORIGINAL DRAWING
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IF NOT ONE INCH ON
THIS SHEET, ADJUST
SCALES ACCORDINGLY

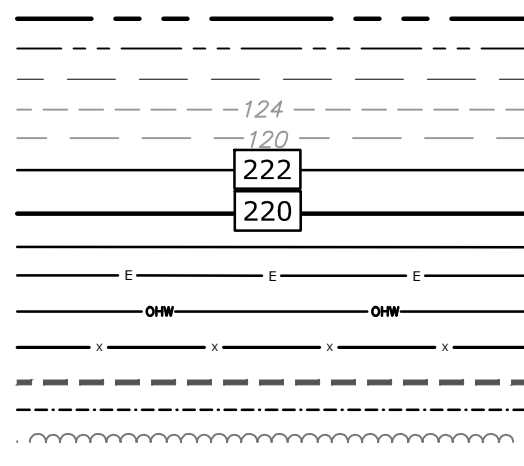
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DATE:	05/2021	
FILE:Unsaved Drawing2.dwg		
DRAWN BY:	ALG/JDG	
CHECKED:	JMC	
APPROVED:	BSH	
EXISTING CONDITIONS AND DEMOLITION - 22		
SCALE:	1" = 40'	
C-023		

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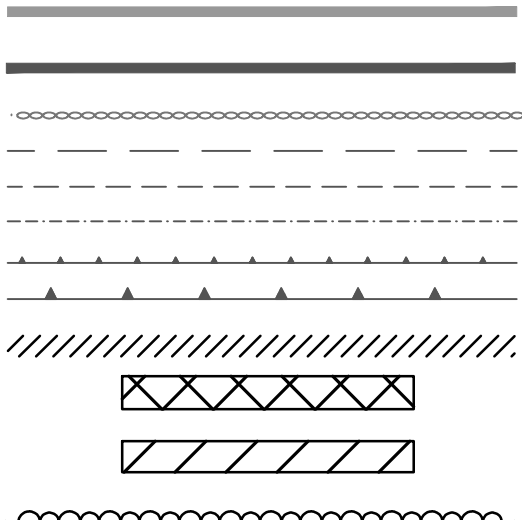
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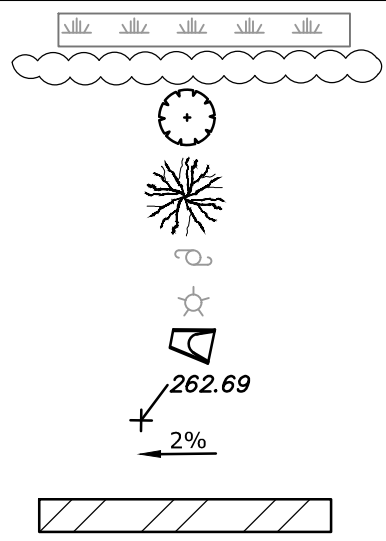
PROPERTY LINE
 PROPERTY LINE SETBACK
 EASEMENT LINE
 EXISTING INTERMEDIATE CONTOURS
 EXISTING INDEX CONTOURS
 PROPOSED INTERMEDIATE CONTOURS
 PROPOSED INDEX CONTOURS
 GRAVEL ROAD/DRIVEWAY
 UNDERGROUND ELECTRIC LINE
 OVERHEAD ELECTRIC LINE
 CHAIN LINK FENCE
 LIMITS OF WORK
 TOWN BOUNDARY
 EXISTING TREE LINE
 DIRECTIONAL BUFFER / VERNAL POOL
 ENVELOPE



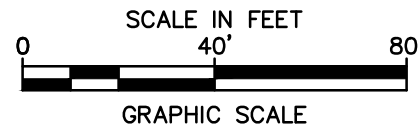
HERPETOFAUNA PROTECTION AREA
 CULTURAL RESOURCE AREA TO BE AVOIDED
 AND PROTECTED DURING CONSTRUCTION
 STONE WALL
 WETLAND BUFFER
 WATERCOURSE BUFFER
 DELINEATED WATERCOURSE
 VERNAL POOL
 DELINEATED WETLAND
 REMOVE/REMOVE AND DISPOSE
 AREA OF PROPOSED TREE CLEARING -
 STUMPS TO REMAIN
 AREA OF PROPOSED TREE CLEARING
 AND STUMP REMOVAL
 LIMIT OF CLEARING



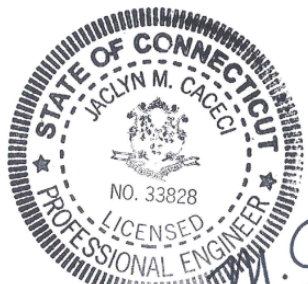
WETLAND
 TIER 1 PLANTINGS
 TIER 2 PLANTINGS
 TIER 3 PLANTINGS
 UTILITY POLE
 LIGHT POLE
 FLARED END SECTION
 SPOT GRADE
 MAGNITUDE & DIRECTION OF SLOPE
 CONSTRUCTION LAYDOWN AREA



NOTE: BOLD TEXT AND LINES
 INDICATE PROPOSED WORK.
 LIGHT TEXT AND LINES INDICATE
 APPROXIMATE EXISTING
 CONDITIONS.



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ISSUED FOR CONSTRUCTION

Quinebaug Solar Project

Quinebaug Solar, LLC

Brooklyn & Canterbury, Connecticut

VERIFY SCALE

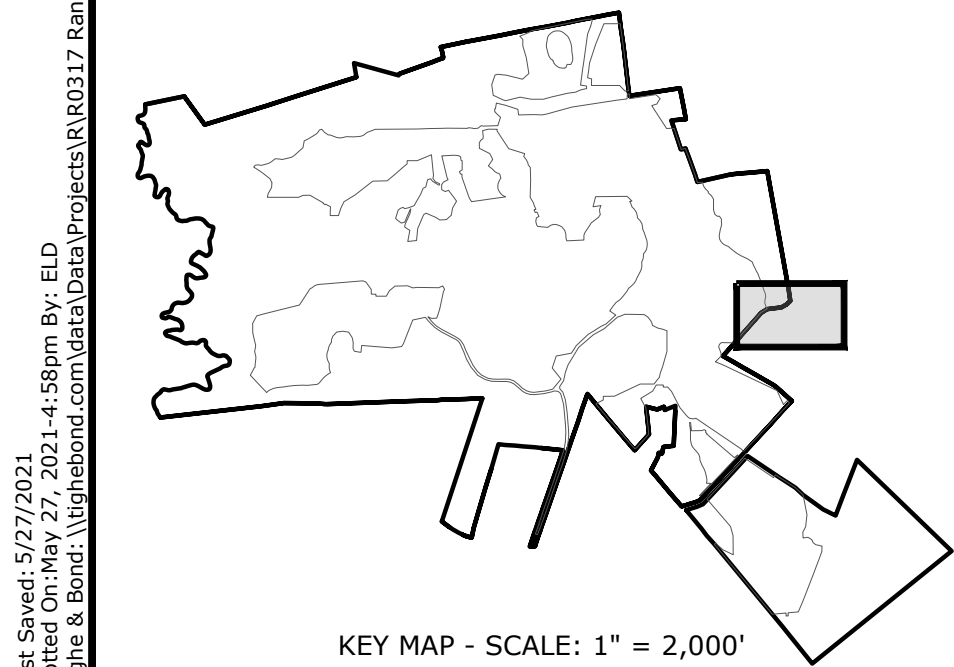
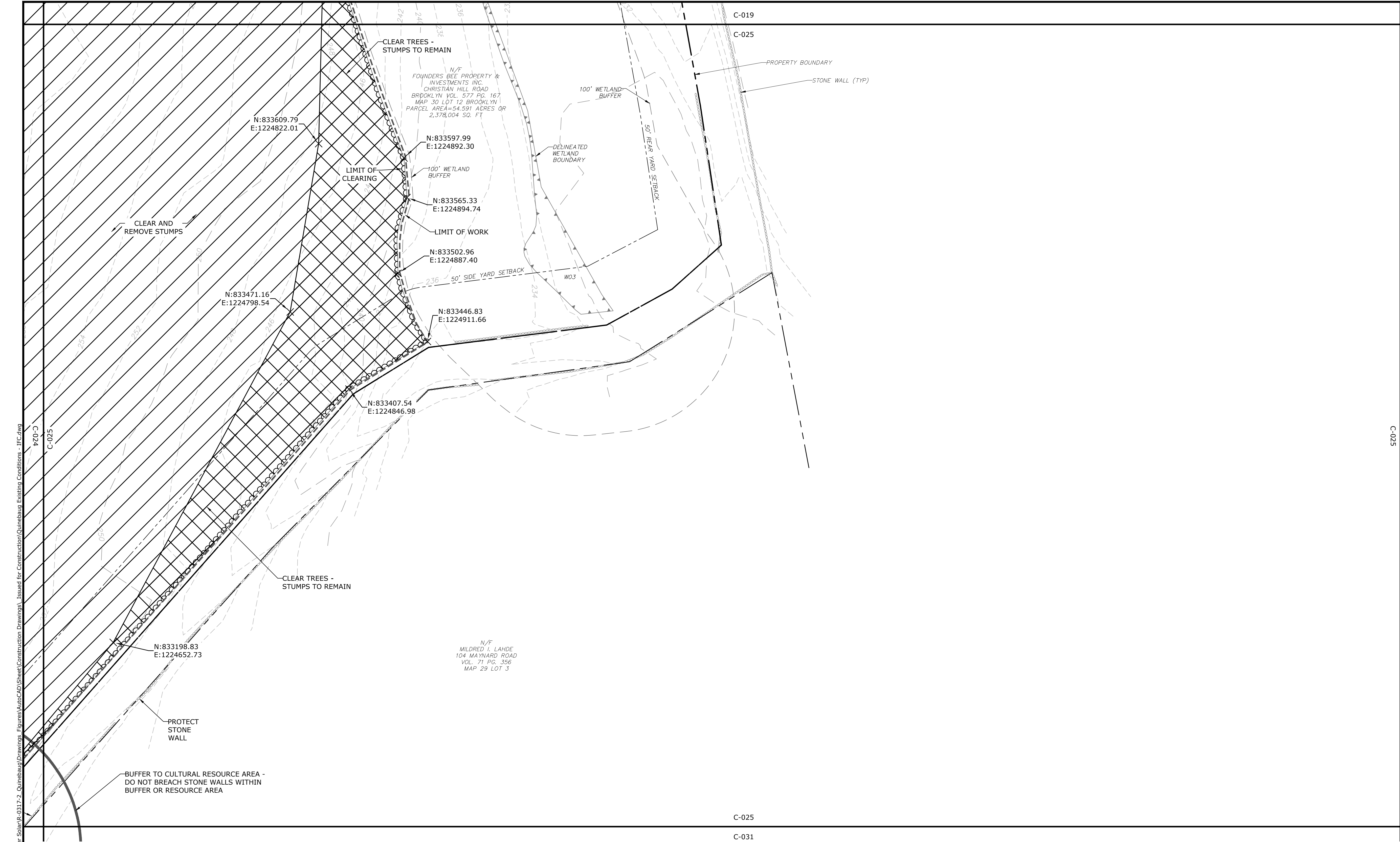
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 IF NOT ONE INCH ON
 THIS SHEET, ADJUST
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MARK	DATE	DESCRIPTION
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DATE:	05/20/21	
FILE:	Unsaved Drawing2.dwg	
DRAWN BY:	ALG/JDG	
CHECKED:	JMC	
APPROVED:	BSH	

EXISTING CONDITIONS AND DEMOLITION - 23

SCALE: 1" = 40'

C-024



LEGEND

PROPERTY LINE	---
PROPERTY LINE SETBACK	---
EASEMENT LINE	---
EXISTING INTERMEDIATE CONTOURS	124
EXISTING INDEX CONTOURS	120
PROPOSED INTERMEDIATE CONTOURS	222
PROPOSED INDEX CONTOURS	220
GRAVEL ROAD/DRIVEWAY	---
UNDERGROUND ELECTRIC LINE	---
OVERHEAD ELECTRIC LINE	---
CHAIN LINK FENCE	---
LIMITS OF WORK	---
TOWN BOUNDARY	---
EXISTING TREE LINE	---
DIRECTIONAL BUFFER / VERNAL POOL	---
ENVELOPE	---

HERPETOFAUNA PROTECTION AREA

CULTURAL RESOURCE AREA TO BE AVOIDED AND PROTECTED DURING CONSTRUCTION

STONE WALL

WETLAND BUFFER

WATERCOURSE BUFFER

DELINEATED WATERCOURSE

VERNAL POOL

DELINEATED WETLAND

REMOVE/REMOVE AND DISPOSE

AREA OF PROPOSED TREE CLEARING - STUMPS TO REMAIN

AREA OF PROPOSED TREE CLEARING AND STUMP REMOVAL

LIMIT OF CLEARING

WETLAND

TIER 1 PLANTINGS

TIER 2 PLANTINGS

TIER 3 PLANTINGS

UTILITY POLE

LIGHT POLE

FLARED END SECTION

SPOT GRADE

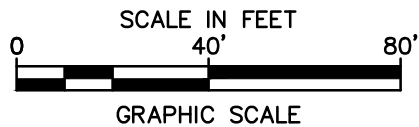
MAGNITUDE & DIRECTION OF SLOPE

CONSTRUCTION LAYDOWN AREA

262.69

2%

NOTE: BOLD TEXT AND LINES INDICATE PROPOSED WORK. LIGHT TEXT AND LINES INDICATE APPROXIMATE EXISTING CONDITIONS.



Tighe&Bond

STATE OF CONNECTICUT
BRIAN S. HUNTER
No. 31180
LICENSED PROFESSIONAL ENGINEER
12-12-21

STATE OF CONNECTICUT
JACOB M. GREGG
No. 33828
LICENSED PROFESSIONAL ENGINEER
JACOB M. GREGG
05/27/21

ISSUED FOR CONSTRUCTION

Quinebaug Solar Project

Quinebaug Solar, LLC

Brooklyn & Canterbury, Connecticut

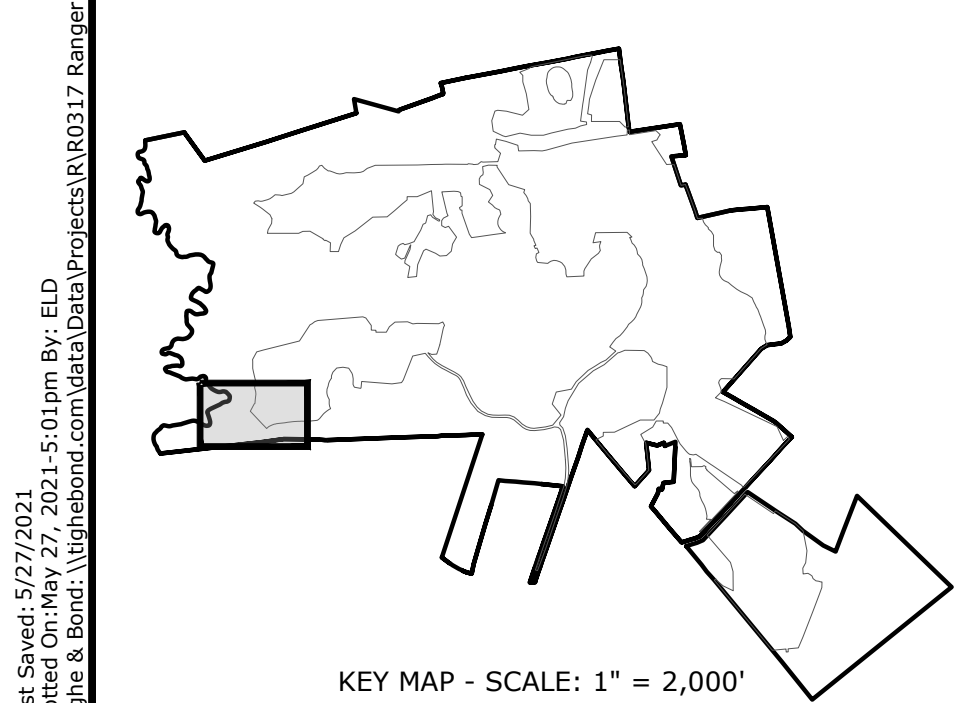
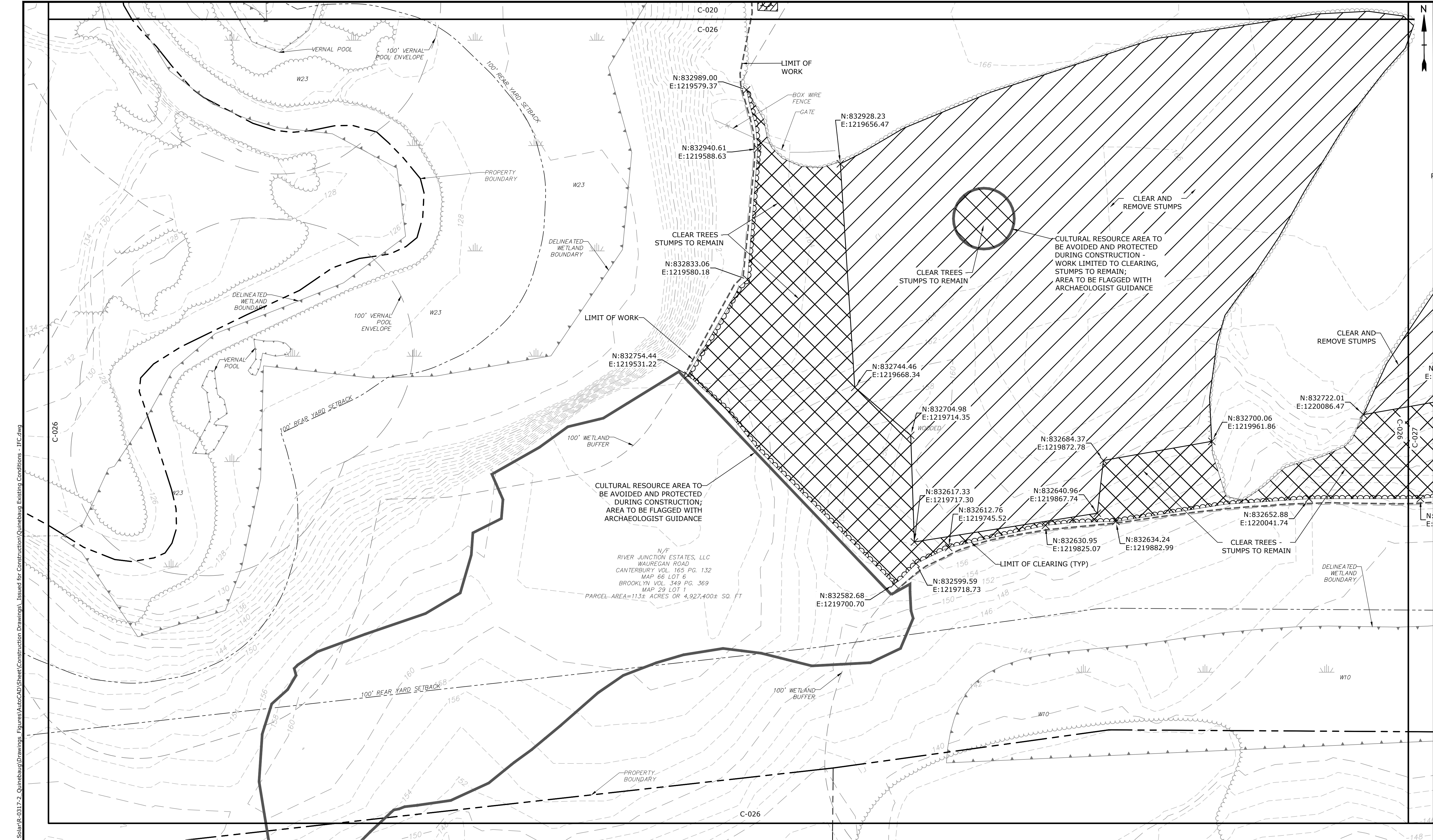
VERIFY SCALE
BAR IS 1 INCH ON ORIGINAL DRAWING
0 1 INCH
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

MARK	DATE	DESCRIPTION
PROJECT NO:	R0317	
DATE:	05/2021	
FILE:	Unsaved Drawing2.dwg	
DRAWN BY:	ALG/JDG	
CHECKED:	JMC	
APPROVED:	BSH	

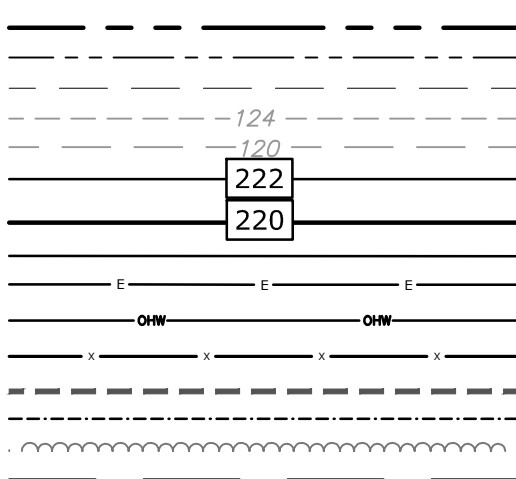
EXISTING CONDITIONS AND DEMOLITION - 24

SCALE: 1" = 40'

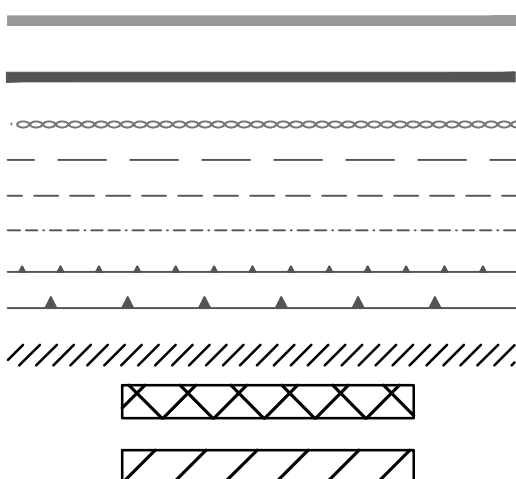
C-025



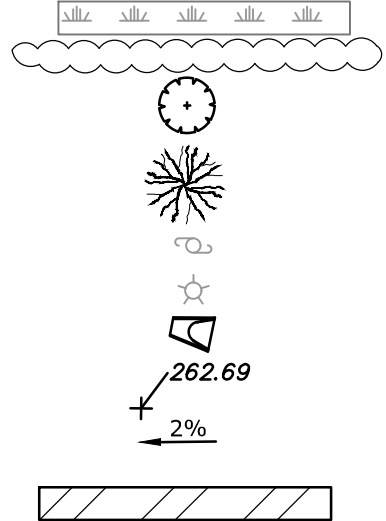
PROPERTY LINE
PROPERTY LINE SETBACK
EASEMENT LINE
EXISTING INTERMEDIATE CONTOURS
EXISTING INDEX CONTOURS
PROPOSED INTERMEDIATE CONTOURS
PROPOSED INDEX CONTOURS
GRAVEL ROAD/DRIVEWAY
UNDERGROUND ELECTRIC LINE
OVERHEAD ELECTRIC LINE
CHAIN LINK FENCE
LIMITS OF WORK
TOWN BOUNDARY
EXISTING TREE LINE
DIRECTIONAL BUFFER / VERNAL POOL
ENVELOPE



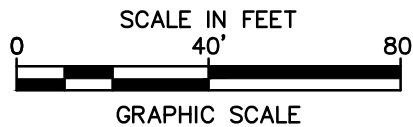
HERPETOFAUNA PROTECTION AREA
CULTURAL RESOURCE AREA TO BE AVOIDED
AND PROTECTED DURING CONSTRUCTION
STONE WALL
WETLAND BUFFER
WATERCOURSE BUFFER
DELINEATED WATERCOURSE
VERNAL POOL
DELINEATED WETLAND
REMOVE/REMOVE AND DISPOSE
AREA OF PROPOSED TREE CLEARING -
STUMPS TO REMAIN
AREA OF PROPOSED TREE CLEARING
AND STUMP REMOVAL
LIMIT OF CLEARING



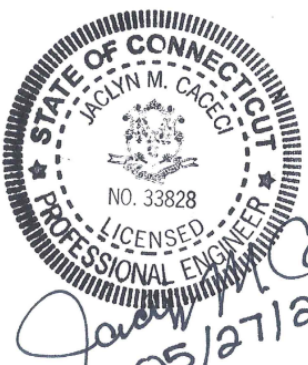
WETLAND
TIER 1 PLANTINGS
TIER 2 PLANTINGS
TIER 3 PLANTINGS
UTILITY POLE
LIGHT POLE
FLARED END SECTION
SPOT GRADE
MAGNITUDE & DIRECTION OF SLOPE
CONSTRUCTION LAYDOWN AREA



NOTE: BOLD TEXT AND LINES
INDICATE PROPOSED WORK.
LIGHT TEXT AND LINES INDICATE
APPROXIMATE EXISTING
CONDITIONS.



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Solar Project

Quinebaug
Solar, LLC

Brooklyn &
Canterbury,
Connecticut

VERIFY SCALE

BAR IS 1 INCH ON
ORIGINAL DRAWING
0 1 INCH
IF NOT ONE INCH ON
THIS SHEET, ADJUST
SCALES ACCORDINGLY

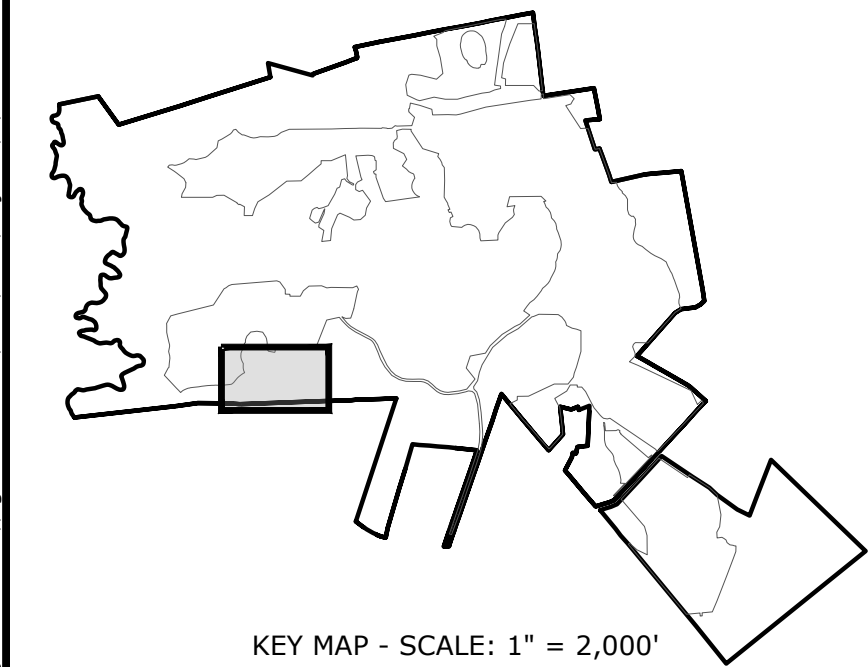
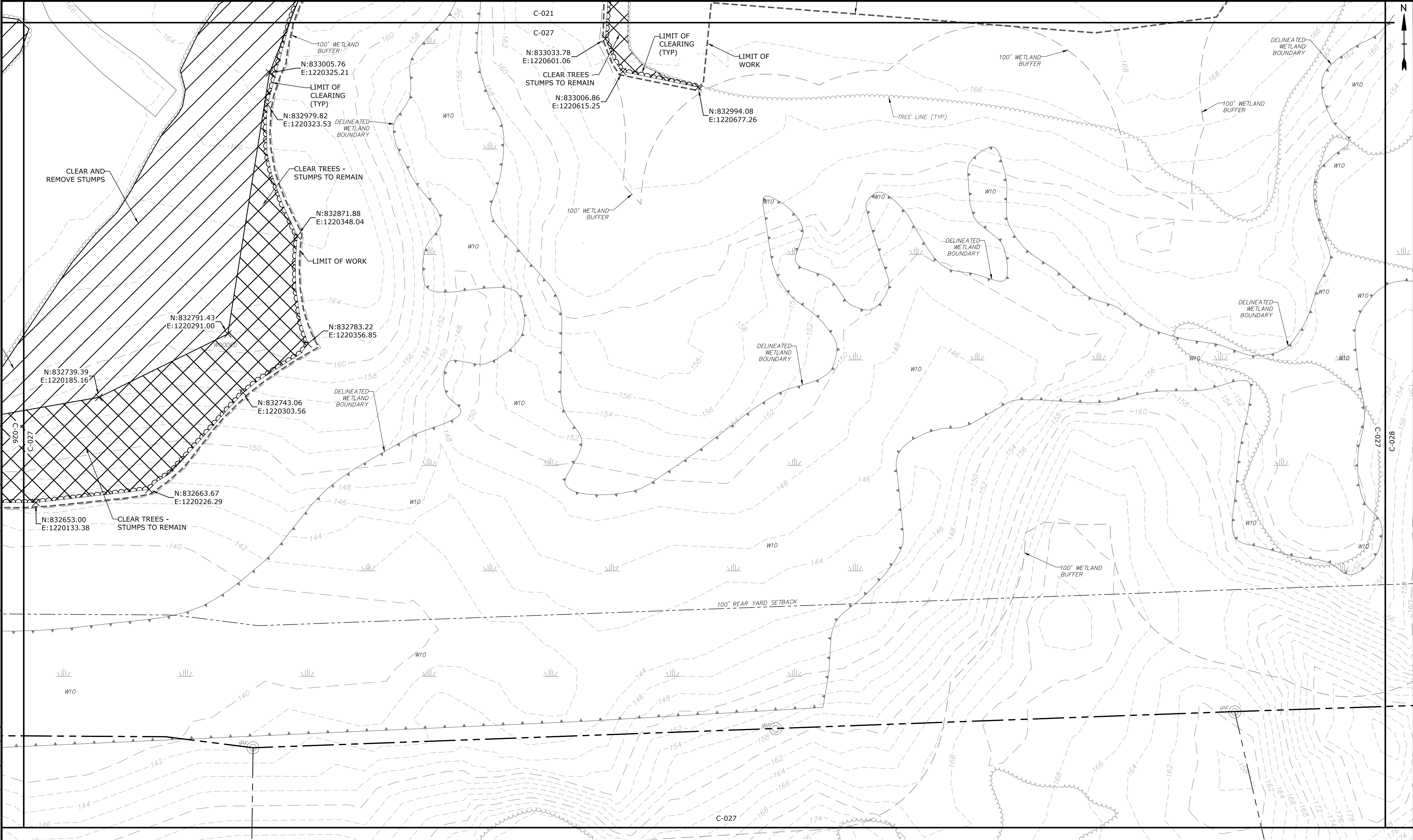
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DATE:	05/2021	
FILE:	Unsaved Drawing2.dwg	
DRAWN BY:	ALG/JDG	
CHECKED BY:	JMC	
APPROVED:	BSH	

EXISTING CONDITIONS AND
DEMOLITION - 25

SCALE: 1" = 40'

C-026

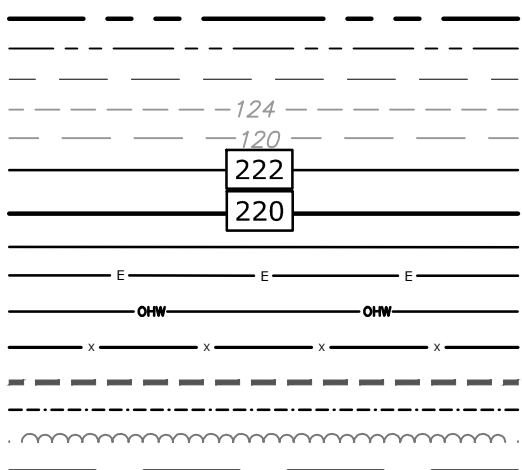
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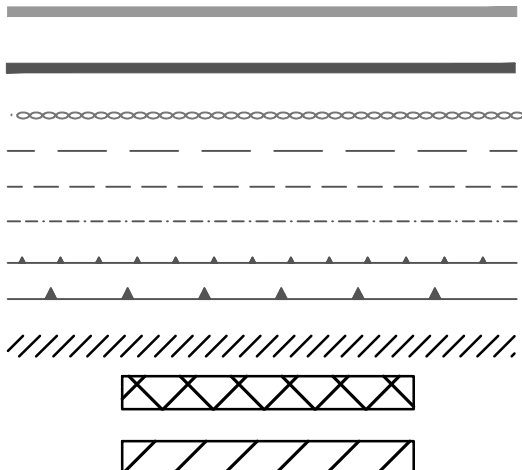
KEY MAP - SCALE: 1" = 2,000'

LEGEND

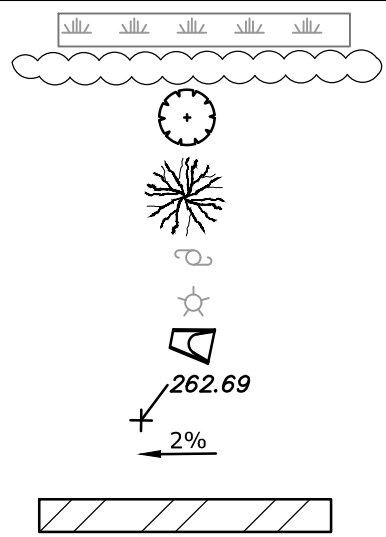
PROPERTY LINE
PROPERTY LINE SETBACK
EASEMENT LINE
EXISTING INTERMEDIATE CONTOURS
EXISTING INDEX CONTOURS
PROPOSED INTERMEDIATE CONTOURS
PROPOSED INDEX CONTOURS
GRAVEL ROAD/DRIVEWAY
UNDERGROUND ELECTRIC LINE
OVERHEAD ELECTRIC LINE
CHAIN LINK FENCE
LIMITS OF WORK
TOWN BOUNDARY
EXISTING TREE LINE
DIRECTIONAL BUFFER / VERNAL POOL
ENVELOPE



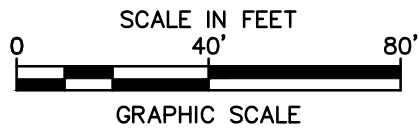
HERPETOFAUNA PROTECTION AREA
CULTURAL RESOURCE AREA TO BE AVOIDED
AND PROTECTED DURING CONSTRUCTION
STONE WALL
WETLAND BUFFER
WATERCOURSE BUFFER
DELINEATED WATERCOURSE
VERNAL POOL
DELINEATED WETLAND
REMOVE/REMOVE AND DISPOSE
AREA OF PROPOSED TREE CLEARING -
STUMPS TO REMAIN
AREA OF PROPOSED TREE CLEARING
AND STUMP REMOVAL
LIMIT OF CLEARING



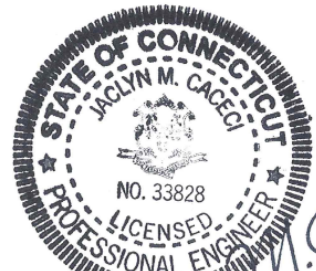
WETLAND
TIER 1 PLANTINGS
TIER 2 PLANTINGS
TIER 3 PLANTINGS
UTILITY POLE
LIGHT POLE
FLARED END SECTION
SPOT GRADE
MAGNITUDE & DIRECTION OF SLOPE
CONSTRUCTION LAYDOWN AREA



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Brooklyn &
Canterbury,
Connecticut

VERIFY SCALE

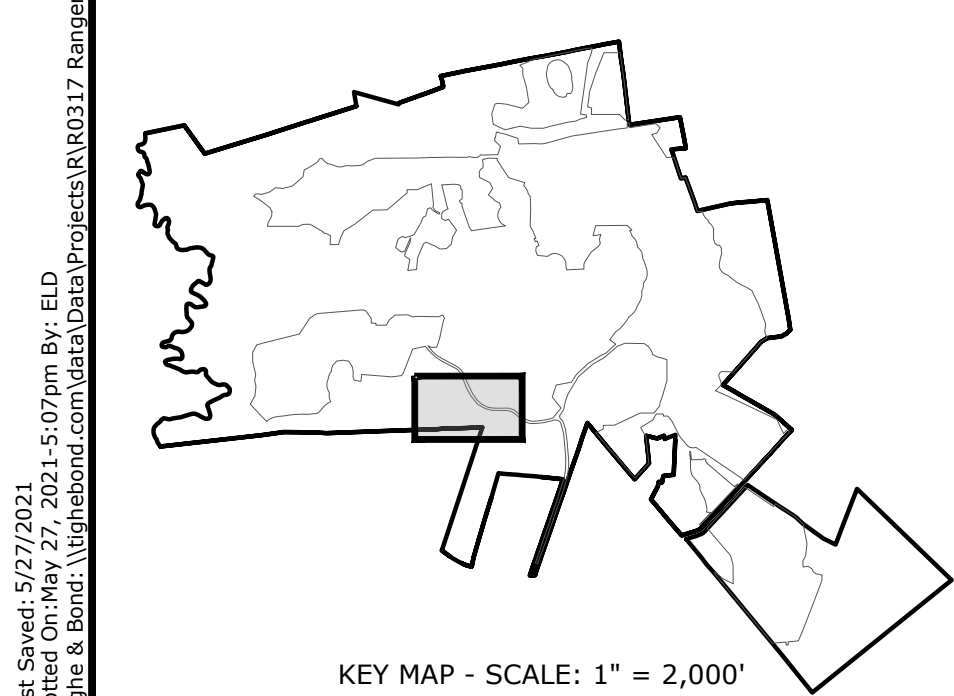
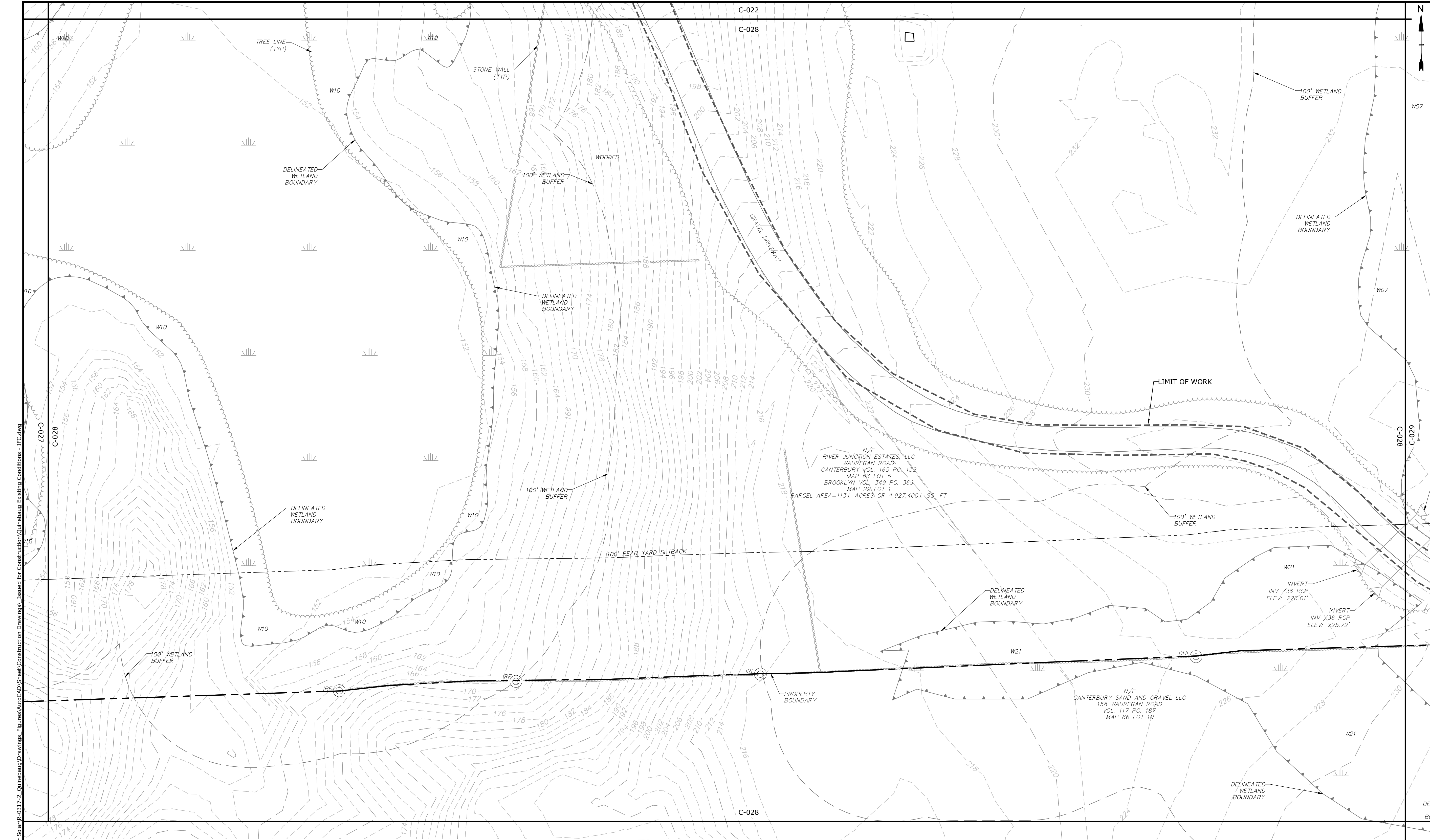
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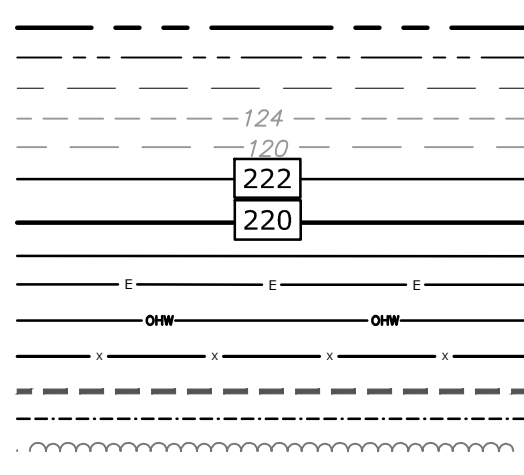
EXISTING CONDITIONS AND
DEMOLITION - 26

SCALE: 1" = 40'

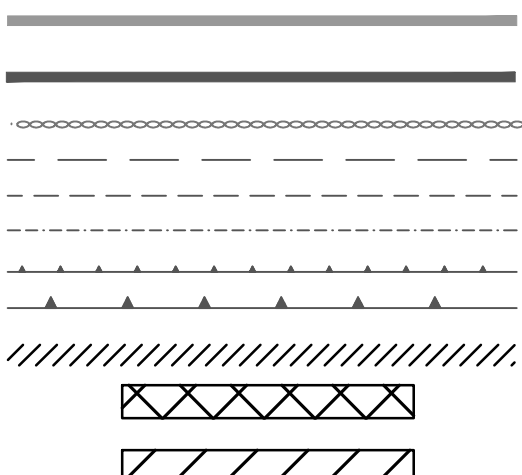
C-027



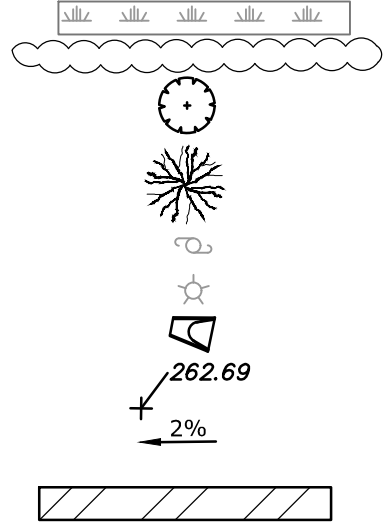
PROPERTY LINE
PROPERTY LINE SETBACK
EASEMENT LINE
EXISTING INTERMEDIATE CONTOURS
EXISTING INDEX CONTOURS
PROPOSED INTERMEDIATE CONTOURS
PROPOSED INDEX CONTOURS
GRAVEL ROAD/DRIVEWAY
UNDERGROUND ELECTRIC LINE
OVERHEAD ELECTRIC LINE
CHAIN LINK FENCE
LIMITS OF WORK
TOWN BOUNDARY
EXISTING TREE LINE
DIRECTIONAL BUFFER / VERNAL POOL
ENVELOPE



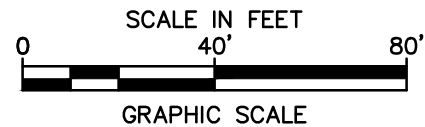
HERPETOFAUNA PROTECTION AREA
CULTURAL RESOURCE AREA TO BE AVOIDED
AND PROTECTED DURING CONSTRUCTION
STONE WALL
WETLAND BUFFER
WATERCOURSE BUFFER
DELINEATED WATERCOURSE
VERNAL POOL
DELINEATED WETLAND
REMOVE/REMOVE AND DISPOSE
AREA OF PROPOSED TREE CLEARING -
STUMPS TO REMAIN
AREA OF PROPOSED TREE CLEARING
AND STUMP REMOVAL
LIMIT OF CLEARING



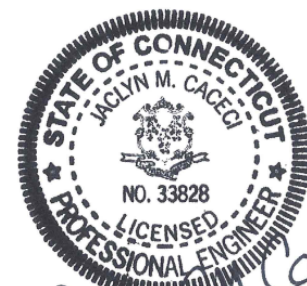
WETLAND
TIER 1 PLANTINGS
TIER 2 PLANTINGS
TIER 3 PLANTINGS
UTILITY POLE
LIGHT POLE
FLARED END SECTION
SPOT GRADE
MAGNITUDE & DIRECTION OF SLOPE
CONSTRUCTION LAYDOWN AREA



NOTE: BOLD TEXT AND LINES
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LIGHT TEXT AND LINES INDICATE
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CONDITIONS.



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SCALES ACCORDINGLY

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DATE:	05/2021	
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DRAWN BY:	ALG/JDG	
CHECKED:	JMC	
APPROVED:	BSH	
EXISTING CONDITIONS AND DEMOLITION - 27		
SCALE:	1" = 40'	
C-028		

VERIFY SCALE

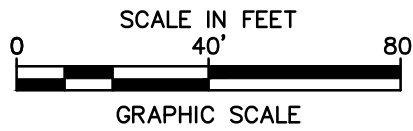
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DATE:	05/2021	
FILE:Unsavaed Drawing2.dwg		
DRAWN BY:	ALG/JDG	
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APPROVED:	BSH	

C-029



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Quinebaug Solar Project

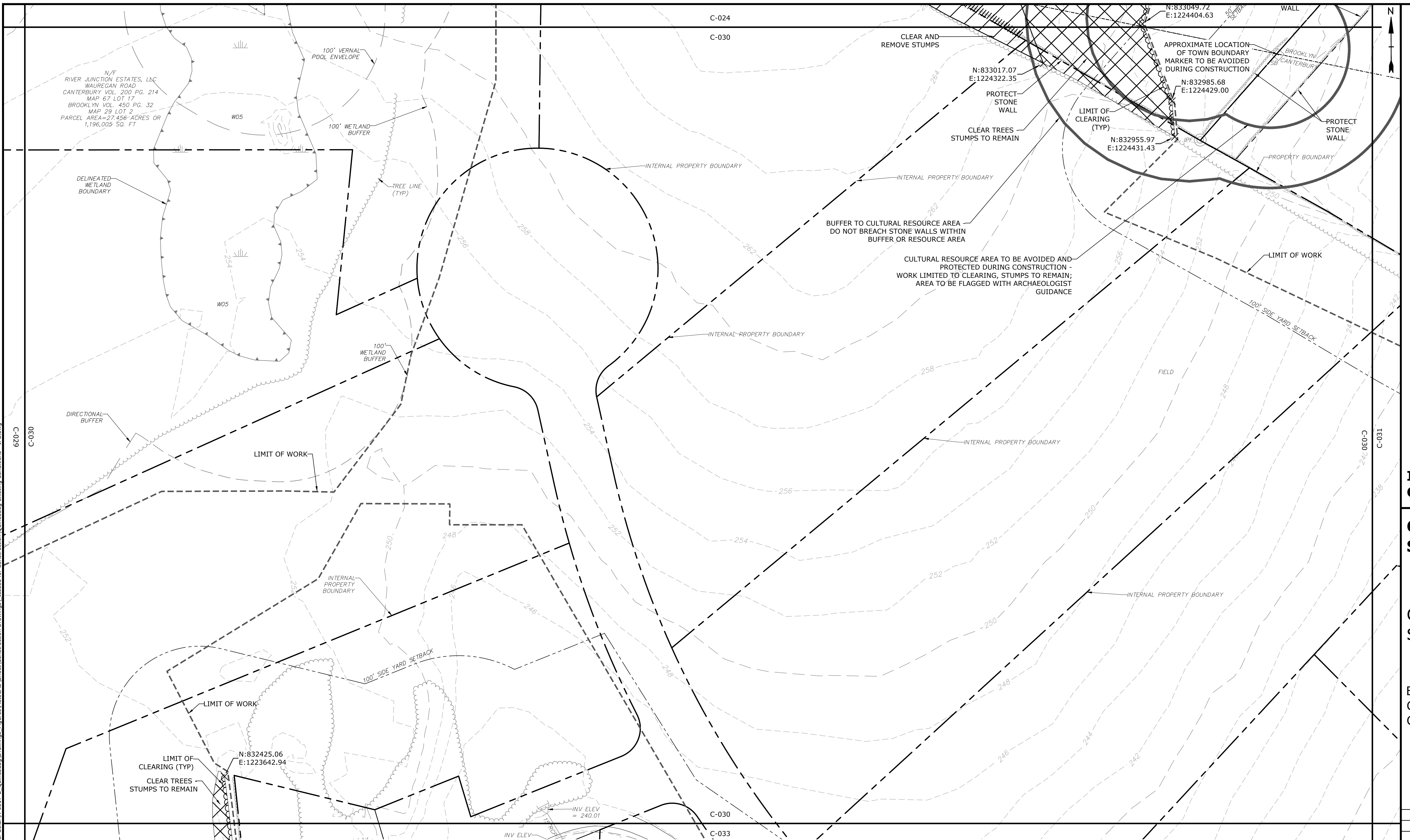
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Connecticut

BAR IS 1 INCH ON
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IF NOT ONE INCH ON
THIS SHEET, ADJUST
SCALES ACCORDINGLY

MARK	DATE	DESCRIPTION
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DATE:		05/2021
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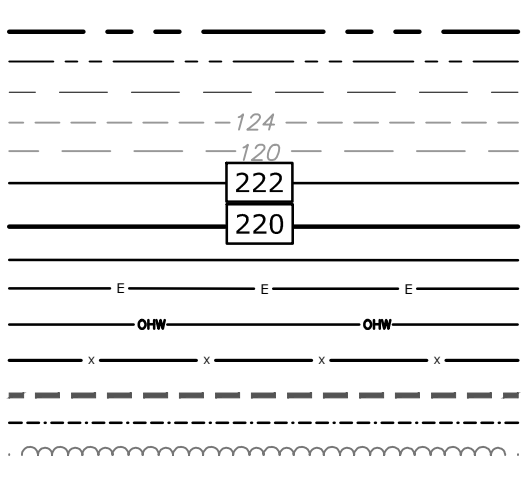
SCALE: 1" = 40'

C-030



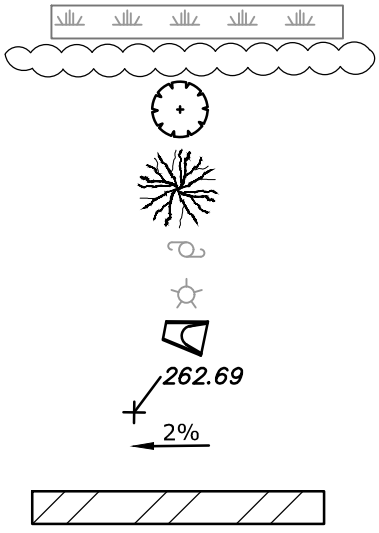
HERPETOFAUNA PROTECTION AREA
CULTURAL RESOURCE AREA TO BE AVOIDED
AND PROTECTED DURING CONSTRUCTION
STONE WALL
WETLAND BUFFER
WATERCOURSE BUFFER
DELINEATED WATERCOURSE
VERNAL POOL
DELINEATED WETLAND
REMOVE/REMOVE AND DISPOSE
AREA OF PROPOSED TREE CLEARING -
STUMPS TO REMAIN
AREA OF PROPOSED TREE CLEARING
AND STUMP REMOVAL
LIMIT OF CLEARING

PROPERTY LINE
PROPERTY LINE SETBACK
EASEMENT LINE
EXISTING INTERMEDIATE CONTOURS
EXISTING INDEX CONTOURS
PROPOSED INTERMEDIATE CONTOURS
PROPOSED INDEX CONTOURS
GRAVEL ROAD/DRIVEWAY
UNDERGROUND ELECTRIC LINE
OVERHEAD ELECTRIC LINE
CHAIN LINK FENCE
LIMITS OF WORK
TOWN BOUNDARY
EXISTING TREE LINE
DIRECTIONAL BUFFER / VERNAL POOL
ENVELOPE

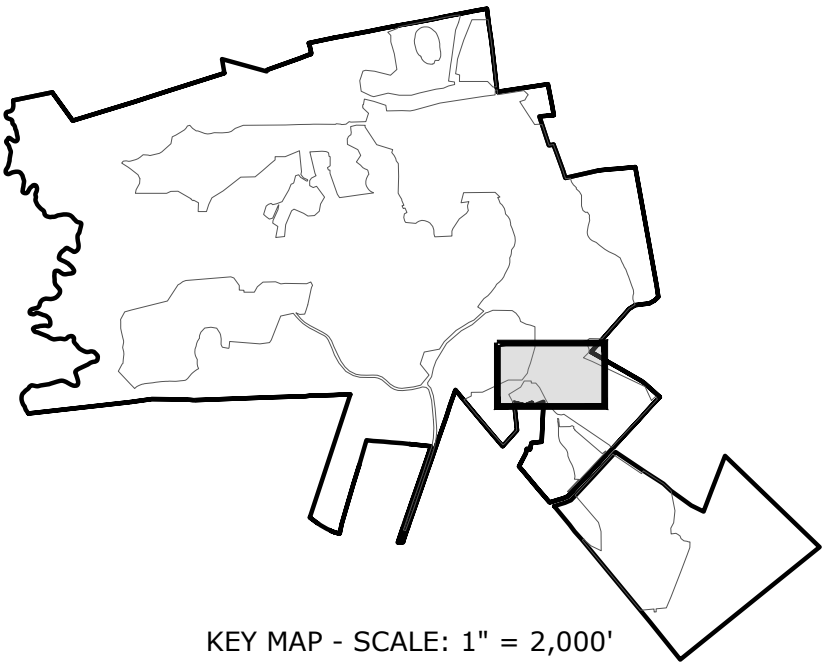
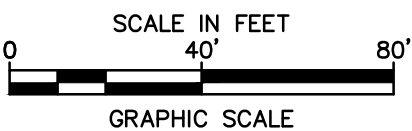


UTILITY POLE
LIGHT POLE
FLARED END SECTION
SPOT GRADE
MAGNITUDE & DIRECTION OF SLOPE

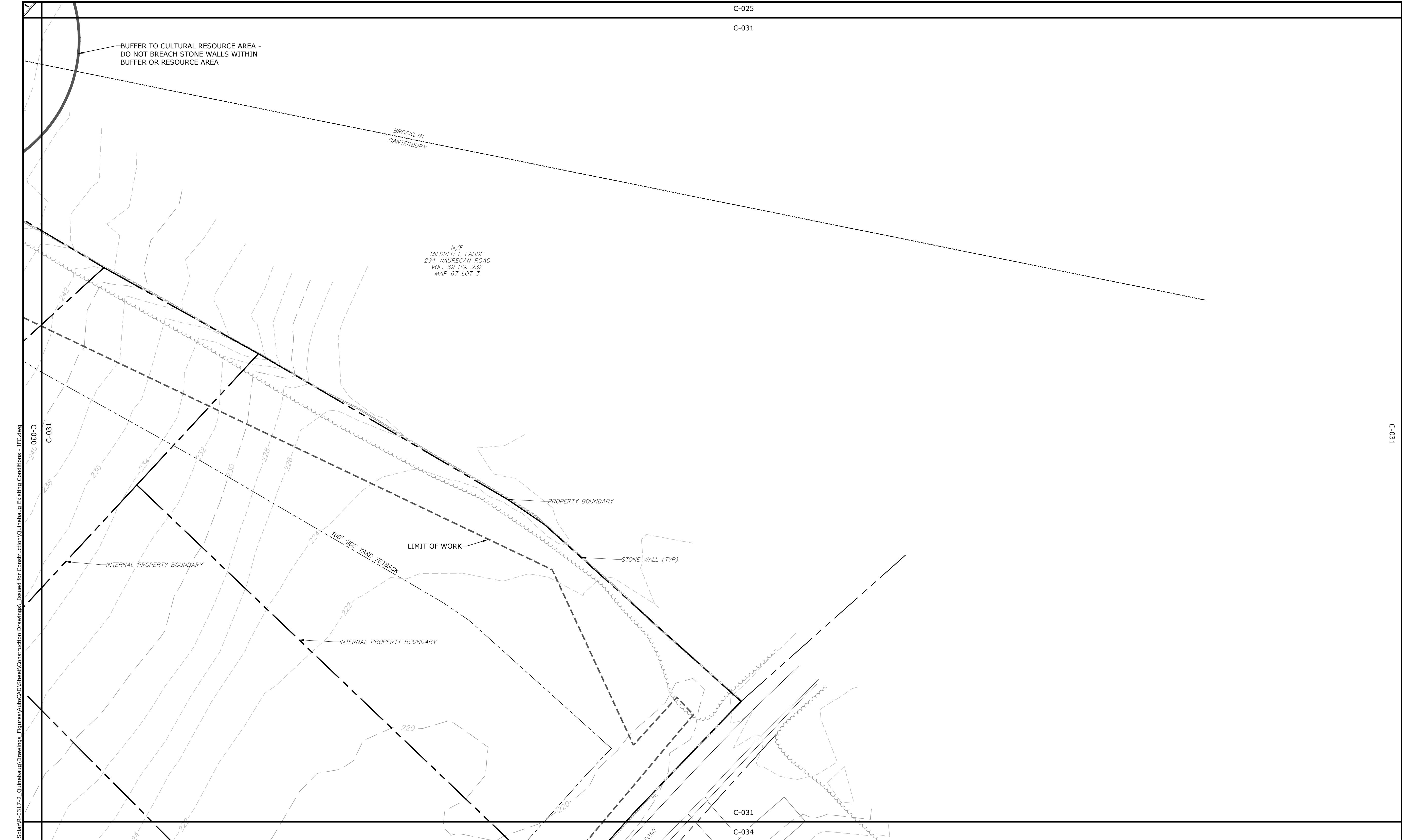
CONSTRUCTION LAYDOWN AREA



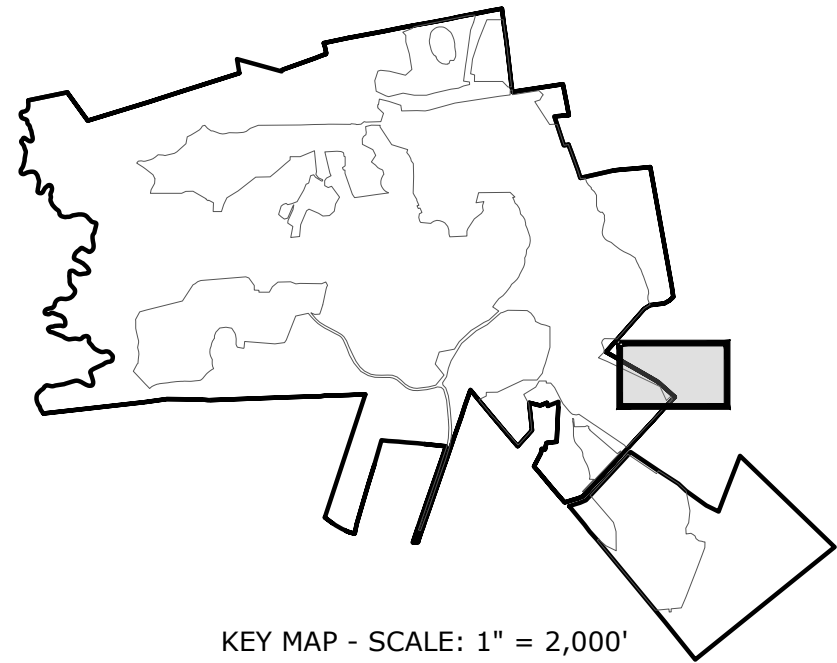
NOTE: BOLD TEXT AND LINES INDICATE PROPOSED WORK. LIGHT TEXT AND LINES INDICATE APPROXIMATE EXISTING CONDITIONS.



KEY MAP - SCALE: 1" = 2,000'



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PROPERTY LINE
PROPERTY LINE SETBACK
EASEMENT LINE
EXISTING INTERMEDIATE CONTOURS
EXISTING INDEX CONTOURS
PROPOSED INTERMEDIATE CONTOURS
PROPOSED INDEX CONTOURS
GRAVEL ROAD/DRIVEWAY
UNDERGROUND ELECTRIC LINE
OVERHEAD ELECTRIC LINE
CHAIN LINK FENCE
LIMITS OF WORK
TOWN BOUNDARY
EXISTING TREE LINE
DIRECTIONAL BUFFER / VERNAL POOL
ENVELOPE

HERPETOFAUNA PROTECTION AREA
CULTURAL RESOURCE AREA TO BE AVOIDED
AND PROTECTED DURING CONSTRUCTION
STONE WALL
WETLAND BUFFER
WATERCOURSE BUFFER
DELINEATED WATERCOURSE
VERNAL POOL
DELINEATED WETLAND
REMOVE/REMOVE AND DISPOSE
AREA OF PROPOSED TREE CLEARING -
STUMPS TO REMAIN
AREA OF PROPOSED TREE CLEARING
AND STUMP REMOVAL
LIMIT OF CLEARING

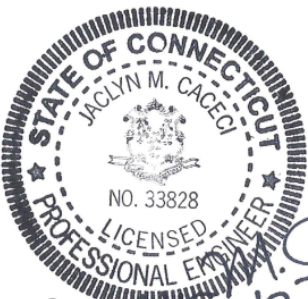
WETLAND
TIER 1 PLANTINGS
TIER 2 PLANTINGS
TIER 3 PLANTINGS
UTILITY POLE
LIGHT POLE
FLARED END SECTION
SPOT GRADE
MAGNITUDE & DIRECTION OF SLOPE
CONSTRUCTION LAYDOWN AREA

NOTE: BOLD TEXT AND LINES
INDICATE PROPOSED WORK.
LIGHT TEXT AND LINES INDICATE
APPROXIMATE EXISTING
CONDITIONS.

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12-22-21



10/12/21

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Solar Project**

Quinebaug
Solar, LLC

Brooklyn &
Canterbury,
Connecticut

VERIFY SCALE
BAR IS 1 INCH ON
ORIGINAL DRAWING
0 1 INCH
IF NOT ONE INCH ON
THIS SHEET, ADJUST
SCALES ACCORDINGLY

MARK	DATE	DESCRIPTION
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DATE:	05/2021	
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DRAWN BY:	ALG/JDG	
CHECKED:	JMC	
APPROVED:	BSH	

EXISTING CONDITIONS AND
DEMOLITION - 30


SCALE: 1" = 40'

C-031

Quinebaug Solar Project

Quinebaug
Solar, LLC

Brooklyn &
Canterbury,
Connecticut

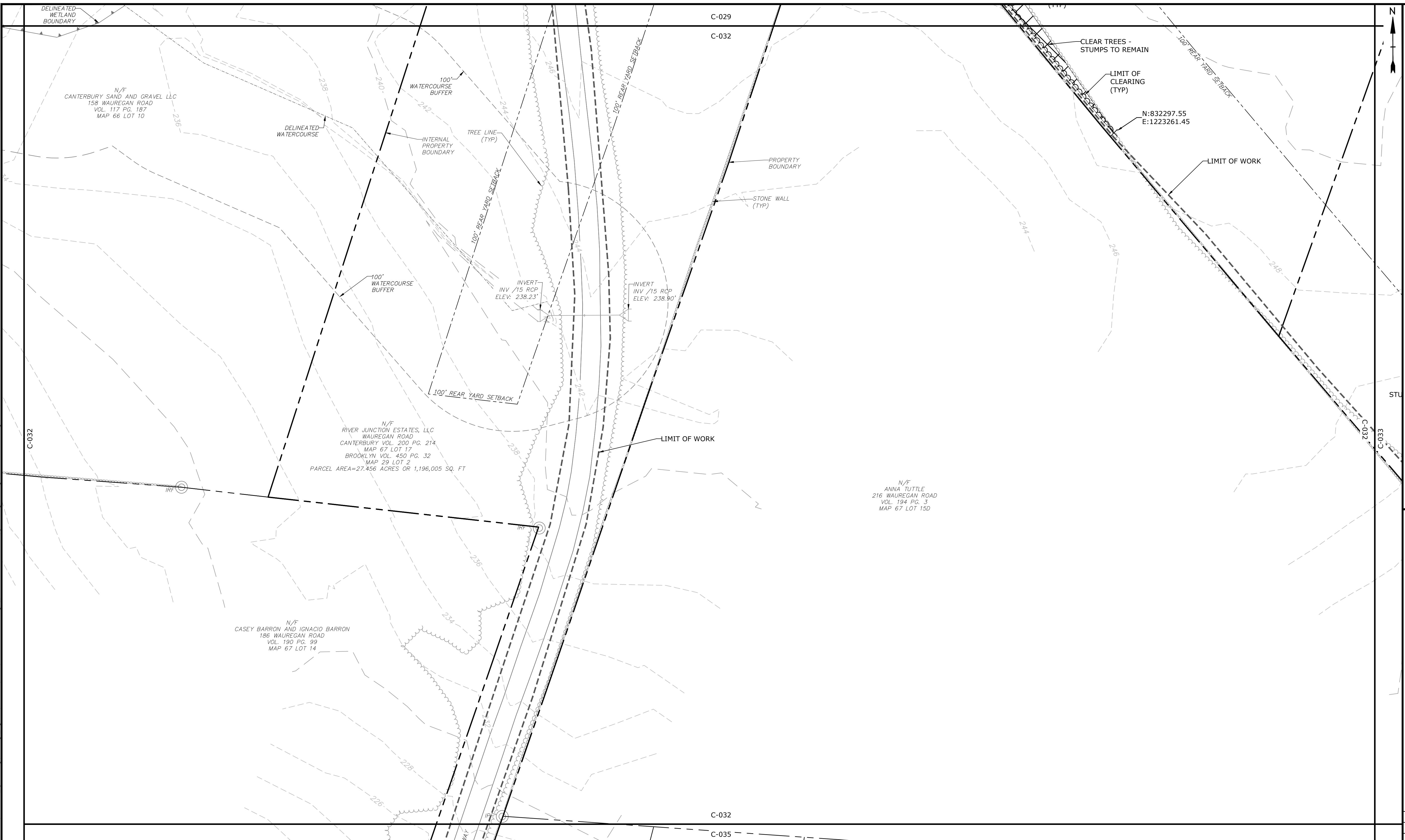
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DATE:	05/2021	
FILE:	Unsaved Drawing2.dwg	
DRAWN BY:		ALG/JDG
CHECKED:	JMC	
APPROVED:	BSH	

EXISTING CONDITIONS AND
DEMOLITION - 31

SCALE: 1" = 40'













C-032



LEGEND

PROPERTY LINE
 PROPERTY LINE SETBACK
 EASEMENT LINE
 EXISTING INTERMEDIATE CONTOURS
 EXISTING INDEX CONTOURS
 PROPOSED INTERMEDIATE CONTOURS
 PROPOSED INDEX CONTOURS
 GRAVEL ROAD/DRIVEWAY
 UNDERGROUND ELECTRIC LINE
 OVERHEAD ELECTRIC LINE
 CHAIN LINK FENCE
 LIMITS OF WORK
 TOWN BOUNDARY
 EXISTING TREE LINE
 DIRECTIONAL BUFFER / VERNAL POOL
 ENVELOPE

The diagram shows a cross-section of a property with various lines and contours. A dashed line at the top represents the PROPERTY LINE. Below it is a solid line for the PROPERTY LINE SETBACK. A thick solid line indicates the EASEMENT LINE. Dashed lines represent EXISTING INTERMEDIATE CONTOURS, with elevations of 124 and 120. Solid lines represent EXISTING INDEX CONTOURS, with elevations of 222 and 220. A thick solid line represents the PROPOSED INTERMEDIATE CONTOURS. A dashed line represents the PROPOSED INDEX CONTOURS. A solid line represents the GRAVEL ROAD/DRIVEWAY. A dashed line represents the UNDERGROUND ELECTRIC LINE. A solid line represents the OVERHEAD ELECTRIC LINE. A dashed line represents the CHAIN LINK FENCE. A solid line represents the LIMITS OF WORK. A dashed line represents the TOWN BOUNDARY. A solid line represents the EXISTING TREE LINE. A dashed line represents the DIRECTIONAL BUFFER / VERNAL POOL. A solid line represents the ENVELOPE.

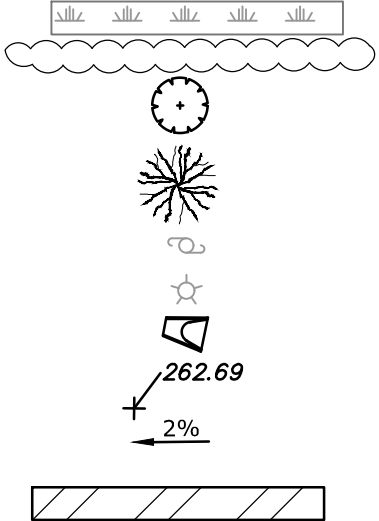
HERPETOFAUNA PROTECTION AREA	
CULTURAL RESOURCE AREA TO BE AVOIDED AND PROTECTED DURING CONSTRUCTION	
STONE WALL	
WETLAND BUFFER	
WATERCOURSE BUFFER	
DELINEATED WATERCOURSE	
VERNAL POOL	
DELINEATED WETLAND	
REMOVE/REMOVE AND DISPOSE	
AREA OF PROPOSED TREE CLEARING - STUMPS TO REMAIN	
AREA OF PROPOSED TREE CLEARING AND STUMP REMOVAL	
LIMIT OF CLEARING	

WETLAND
TIER 1 PLANTINGS
TIER 2 PLANTINGS
TIER 3 PLANTINGS

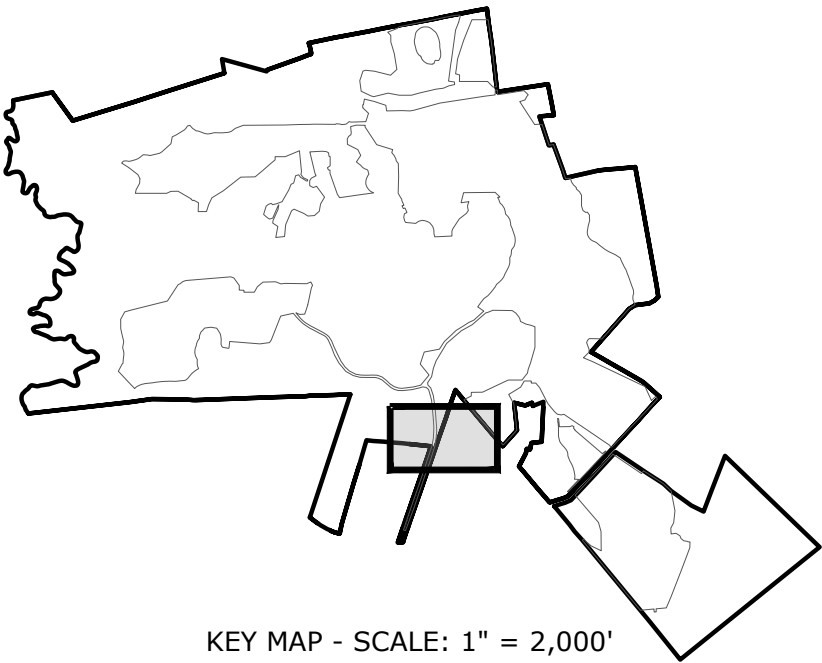
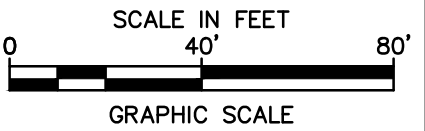
UTILITY POLE
LIGHT POLE
FLARED END SECTION

SPOT GRADE
MAGNITUDE & DIRECTION OF SLOPE

CONSTRUCTION LAYDOWN AREA




NOTE: BOLD TEXT AND LINES
INDICATE PROPOSED WORK.
LIGHT TEXT AND LINES INDICATE
APPROXIMATE EXISTING
CONDITIONS.



KEY MAP - SCALE: 1" = 2,000'

Brooklyn &
Canterbury,
Connecticut

BAR IS 1 INCH ON
ORIGINAL DRAWING
 1 INCH
IF NOT ONE INCH ON
THIS SHEET, ADJUST
SCALES ACCORDINGLY

SCALE: 1" = 40'

A horizontal scale bar with alternating black and white segments. It is labeled "SCALE IN FEET" above the bar and "GRAPHIC SCALE" below the bar. The bar has markings for 0, 40, and 80 feet.

HERPETOFAUNA PROTECTION AREA
CULTURAL RESOURCE AREA TO BE AVOIDED
AND PROTECTED DURING CONSTRUCTION
STONE WALL
WETLAND BUFFER
WATERCOURSE BUFFER
DELINEATED WATERCOURSE
VERNAL POOL
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REMOVE/REMOVE AND DISPOSE
AREA OF PROPOSED TREE CLEARING -
STUMPS TO REMAIN
AREA OF PROPOSED TREE CLEARING
AND STUMP REMOVAL
LIMIT OF CLEARING

The diagram shows a power line with a transformer. The transformer has a primary winding connected to a 220V source and a secondary winding connected to a 220V load. The load is represented by a box labeled '220V'. The transformer is labeled '220V' and '220V'.

PROPERTY LINE
PROPERTY LINE SETBACK
EASEMENT LINE
EXISTING INTERMEDIATE CONTOURS
EXISTING INDEX CONTOURS
PROPOSED INTERMEDIATE CONTOURS
PROPOSED INDEX CONTOURS
GRAVEL ROAD/DRIVEWAY
UNDERGROUND ELECTRIC LINE
OVERHEAD ELECTRIC LINE
CHAIN LINK FENCE
LIMITS OF WORK
TOWN BOUNDARY
EXISTING TREE LINE
DIRECTIONAL BUFFER / VERNAL POOL
ENVELOPE

KEY MAP - SCALE: 1" = 2,000'

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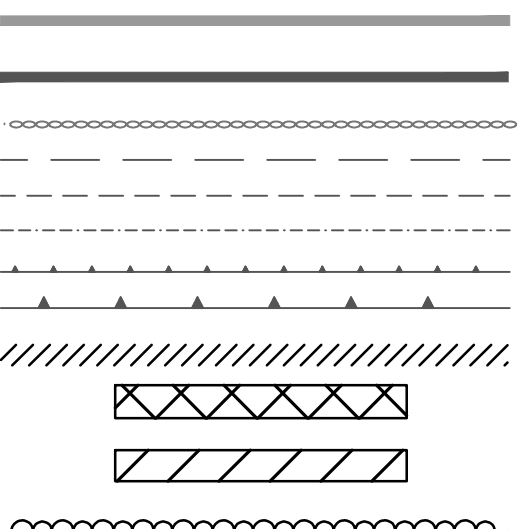
Brooklyn &
Canterbury,
Connecticut

BAR IS 1 INCH ON
ORIGINAL DRAWING
1 INCH
IF NOT ONE INCH ON
THIS SHEET, ADJUST
SCALES ACCORDINGLY

SCALE: 1" = 40'

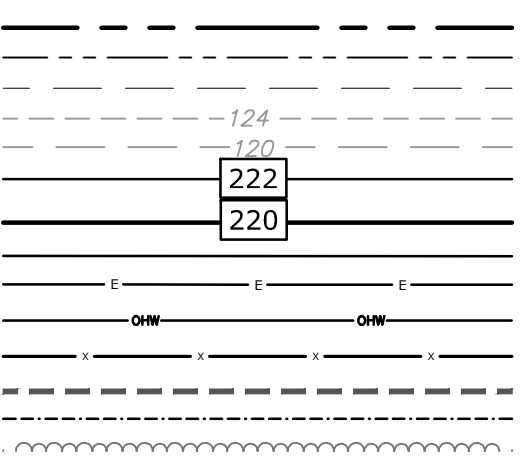
A horizontal scale bar with alternating black and white segments. It is labeled "SCALE IN FEET" above the bar and "GRAPHIC SCALE" below the bar. The bar has tick marks at 0, 40, and 80 feet.

HERPETOFAUNA PROTECTION AREA
CULTURAL RESOURCE AREA TO BE AVOIDED
AND PROTECTED DURING CONSTRUCTION
STONE WALL
WETLAND BUFFER
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VERNAL POOL
DELINEATED WETLAND
REMOVE/REMOVE AND DISPOSE
AREA OF PROPOSED TREE CLEARING -
STUMPS TO REMAIN
AREA OF PROPOSED TREE CLEARING
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LIMIT OF CLEARING



WETLAND
TIER 1 PLANTINGS
TIER 2 PLANTINGS
TIER 3 PLANTINGS
UTILITY POLE
LIGHT POLE
FLARED END SECTION
SPOT GRADE
MAGNITUDE & DIRECTION OF SLOPE
CONSTRUCTION LAYDOWN AREA

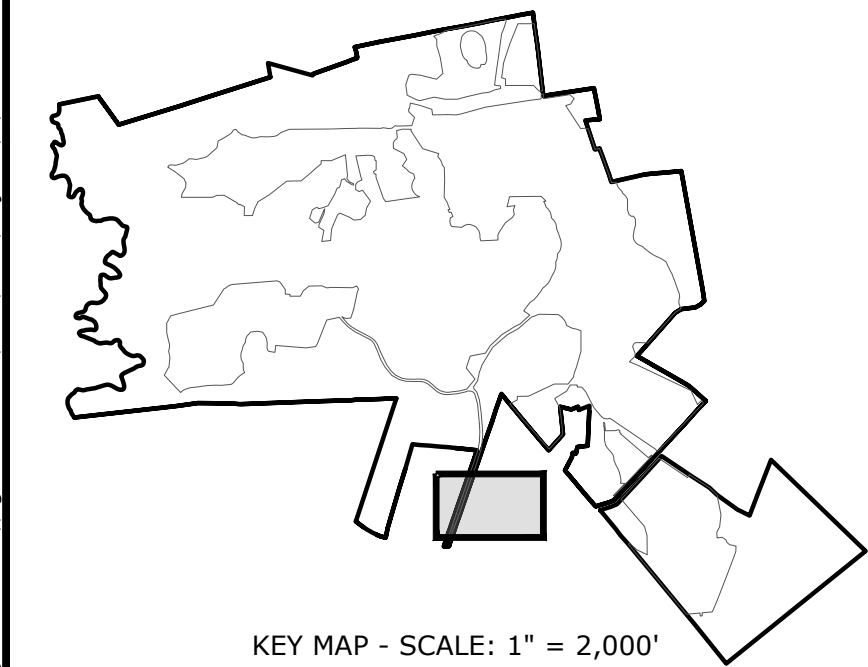
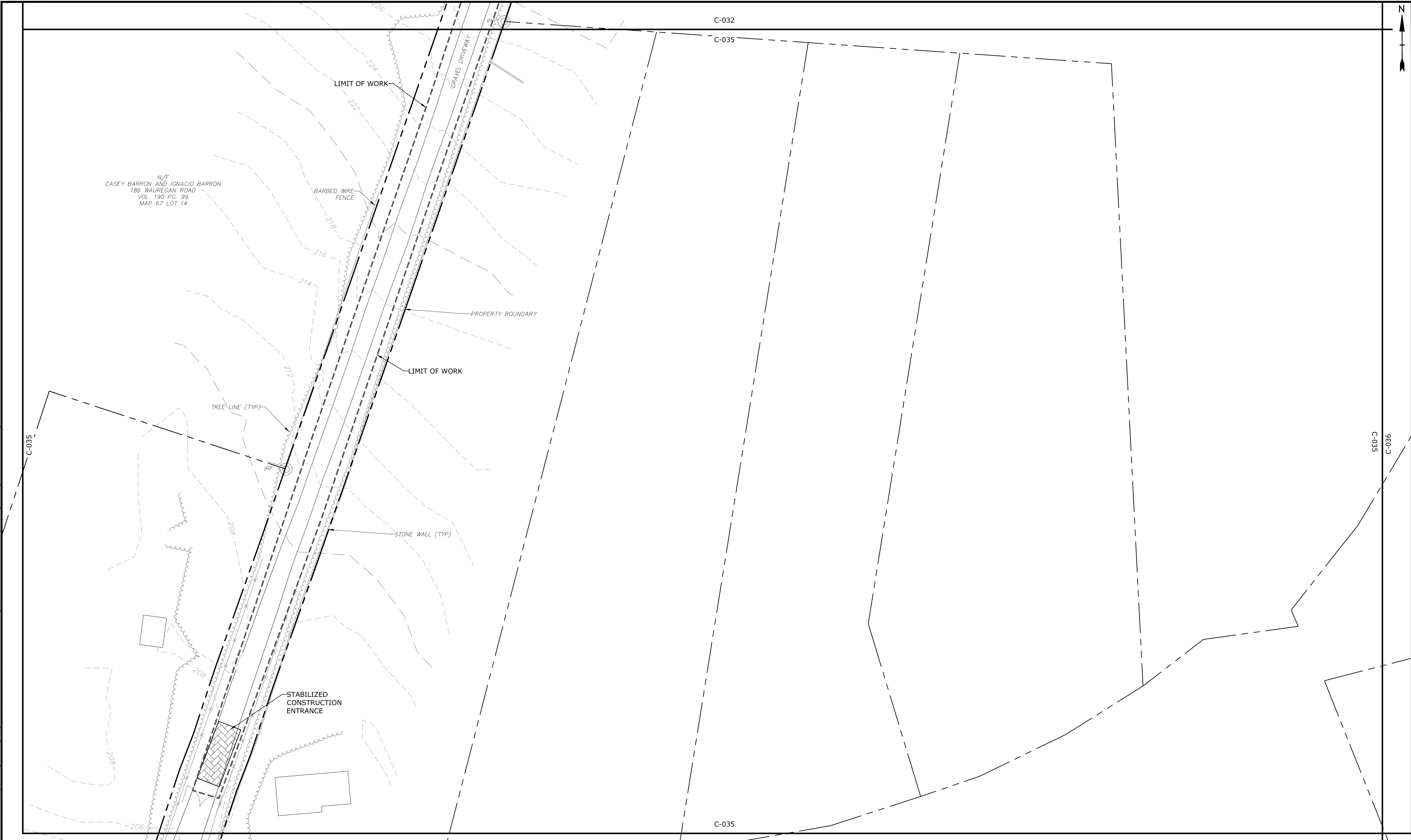
PROPERTY LINE
PROPERTY LINE SETBACK
EASEMENT LINE
EXISTING INTERMEDIATE CONTOURS
EXISTING INDEX CONTOURS
PROPOSED INTERMEDIATE CONTOURS
PROPOSED INDEX CONTOURS
GRAVEL ROAD/DRIVEWAY
UNDERGROUND ELECTRIC LINE
OVERHEAD ELECTRIC LINE
CHAIN LINK FENCE
LIMITS OF WORK
TOWN BOUNDARY
EXISTING TREE LINE
DIRECTIONAL BUFFER / VERNAL POOL
ENVELOPE



KEY MAP - SCALE: 1" = 2,000'

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Lat: Saved: 5/27/2021
Plotted On: May 27, 2021 5:26pm By: ELD
Tighe & Bond: \\tighetbond.com\\data\\Data\\Projects\\R\\R0317 Rander Solar\\R-0317-2 Quinebaug Drawings\\Figures\\AutoCAD\\Sheet\\Construction Drawings\\ Issued for Construction\\Quinebaug Existing Conditions - IFC.dwg

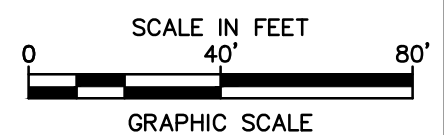


PROPERTY LINE	---
PROPERTY LINE SETBACK	----
EASEMENT LINE	- - - -
EXISTING INTERMEDIATE CONTOURS	.....
EXISTING INDEX CONTOURS	.....
PROPOSED INTERMEDIATE CONTOURS	.....
PROPOSED INDEX CONTOURS	.....
GRAVEL ROAD/DRIVEWAY	=====
UNDERGROUND ELECTRIC LINE	.....
OVERHEAD ELECTRIC LINE	.....
CHAIN LINK FENCE	.....
LIMITS OF WORK	---
TOWN BOUNDARY	----
EXISTING TREE LINE	.....
DIRECTIONAL BUFFER / VERNAL POOL	.....
ENVELOPE	.....

HERPETOFAUNA PROTECTION AREA	=====
CULTURAL RESOURCE AREA TO BE AVOIDED AND PROTECTED DURING CONSTRUCTION	=====
STONE WALL	=====
WETLAND BUFFER	=====
WATERCOURSE BUFFER	=====
DELINEATED WATERCOURSE	=====
VERNAL POOL	=====
DELINEATED WETLAND	=====
REMOVE/REMOVE AND DISPOSE	=====
AREA OF PROPOSED TREE CLEARING - STUMPS TO REMAIN	=====
AREA OF PROPOSED TREE CLEARING AND STUMP REMOVAL	=====
LIMIT OF CLEARING	=====

WETLAND	=====
TIER 1 PLANTINGS	=====
TIER 2 PLANTINGS	=====
TIER 3 PLANTINGS	=====
UTILITY POLE	=====
LIGHT POLE	=====
FLARED END SECTION	=====
SPOT GRADE	=====
MAGNITUDE & DIRECTION OF SLOPE	=====
CONSTRUCTION LAYDOWN AREA	=====

NOTE: BOLD TEXT AND LINES INDICATE PROPOSED WORK. LIGHT TEXT AND LINES INDICATE APPROXIMATE EXISTING CONDITIONS.



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Quinebaug Solar Project

Quinebaug Solar, LLC

Brooklyn & Canterbury, Connecticut

VERIFY SCALE

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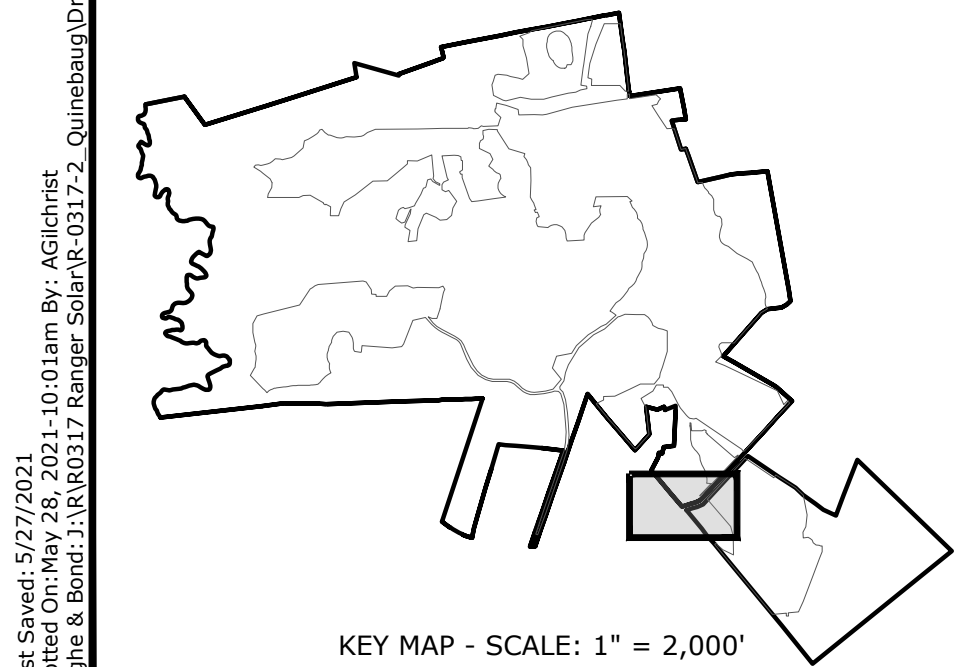
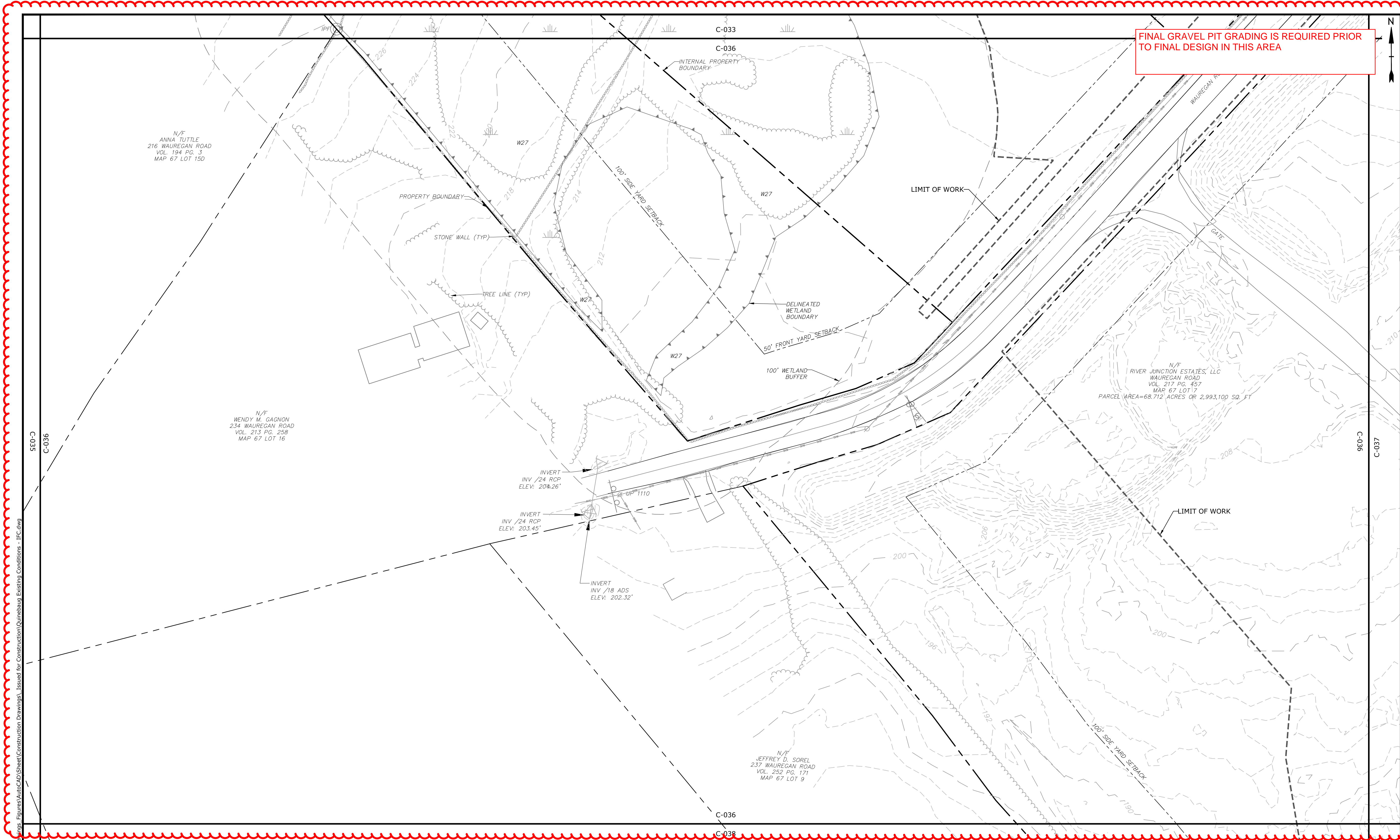
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CHECKED:	JMC	
APPROVED:	BSH	

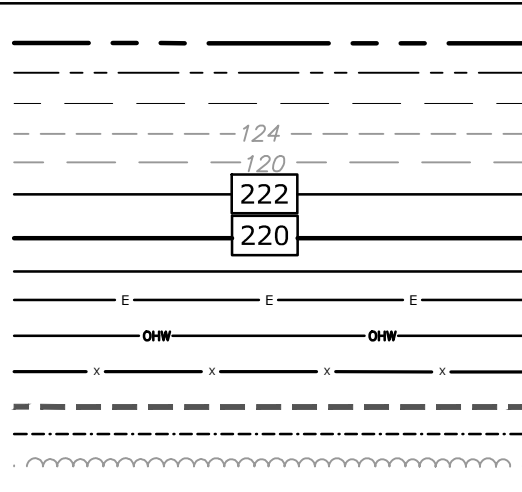
EXISTING CONDITIONS AND DEMOLITION - 34

SCALE: 1" = 40'

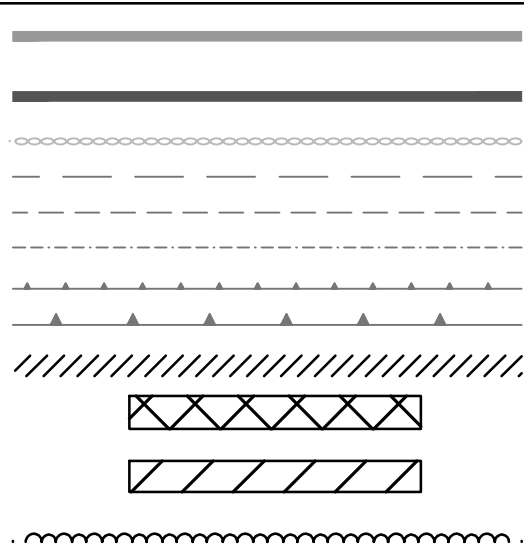
C-035



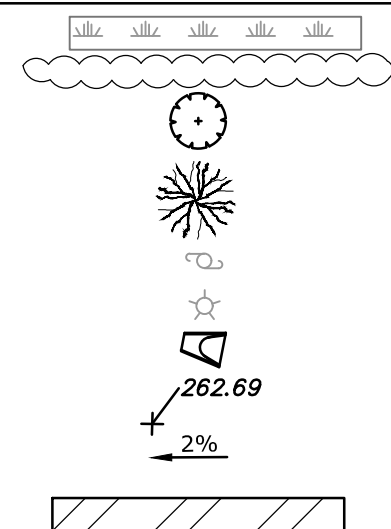
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PROPERTY LINE SETBACK
EASEMENT LINE
EXISTING INTERMEDIATE CONTOURS
EXISTING INDEX CONTOURS
PROPOSED INTERMEDIATE CONTOURS
PROPOSED INDEX CONTOURS
GRAVEL ROAD/DRIVEWAY
UNDERGROUND ELECTRIC LINE
OVERHEAD ELECTRIC LINE
CHAIN LINK FENCE
LIMITS OF WORK
TOWN BOUNDARY
EXISTING TREE LINE
DIRECTIONAL BUFFER / 100' VERNAL
POOL ENVELOPE



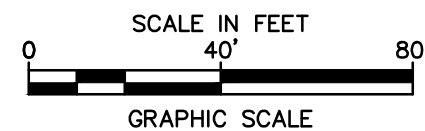
HERPETOFAUNA PROTECTION AREA
CULTURAL RESOURCE AREA TO BE AVOIDED
AND PROTECTED DURING CONSTRUCTION
STONE WALL
WETLAND BUFFER
WATERCOURSE BUFFER
DELINEATED WATERCOURSE
VERNAL POOL
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REMOVE/REMOVE AND DISPOSE
AREA OF PROPOSED TREE CLEARING -
STUMPS TO REMAIN
AREA OF PROPOSED TREE CLEARING
AND STUMP REMOVAL
LIMIT OF CLEARING



WETLAND
TIER 1 PLANTINGS
TIER 2 PLANTINGS
TIER 3 PLANTINGS
UTILITY POLE
LIGHT POLE
FLARED END SECTION
SPOT GRADE
MAGNITUDE & DIRECTION OF SLOPE
CONSTRUCTION LAYDOWN AREA



NOTE: BOLD TEXT AND LINES
INDICATE PROPOSED WORK.
LIGHT TEXT AND LINES INDICATE
APPROXIMATE EXISTING
CONDITIONS.



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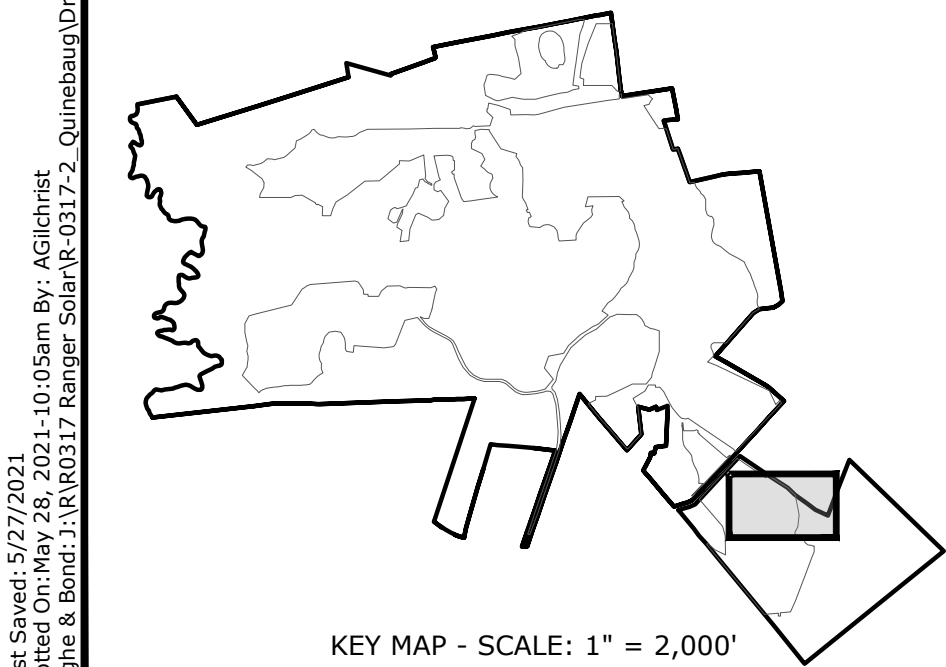
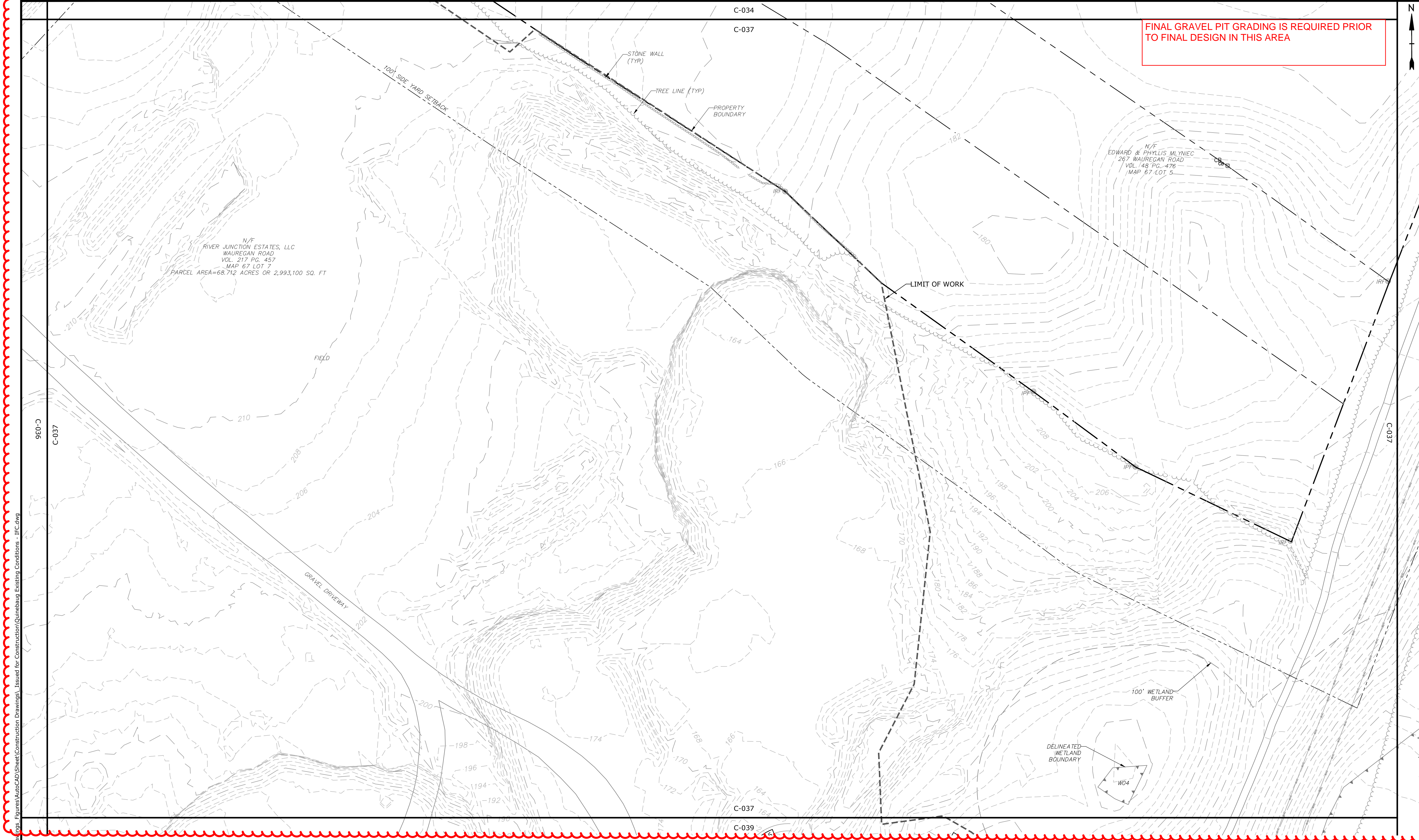
Quinebaug
Solar Project

Quinebaug
Solar, LLC

Brooklyn &
Canterbury,
Connecticut

VERIFY SCALE
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SCALES ACCORDINGLY

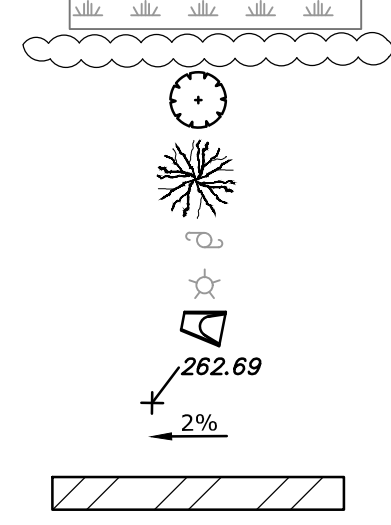
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PROJECT NO:	R0317	
DATE:	05/2021	
FILE:	Quinebaug Existing Conditions - IFC.dwg	
DRAWN BY:	ALG/JDG	
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APPROVED:	BSH	
EXISTING CONDITIONS AND DEMOLITION - 35		
SCALE:		1" = 40'
C-036		



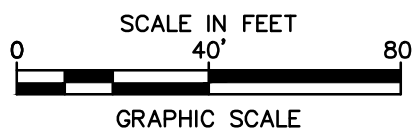
- PROPERTY LINE
PROPERTY LINE SETBACK
EASEMENT LINE
EXISTING INTERMEDIATE CONTOURS
EXISTING INDEX CONTOURS
PROPOSED INTERMEDIATE CONTOURS
PROPOSED INDEX CONTOURS
GRAVEL ROAD/DRIVEWAY
UNDERGROUND ELECTRIC LINE
OVERHEAD ELECTRIC LINE
CHAIN LINK FENCE
LIMITS OF WORK
TOWN BOUNDARY
EXISTING TREE LINE
DIRECTIONAL BUFFER / 100' VERNAL
POOL ENVELOPE

- HERPETOFAUNA PROTECTION AREA
CULTURAL RESOURCE AREA TO BE AVOIDED
AND PROTECTED DURING CONSTRUCTION
STONE WALL
WETLAND BUFFER
WATERCOURSE BUFFER
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LIMIT OF CLEARING

- WETLAND
TIER 1 PLANTINGS
TIER 2 PLANTINGS
TIER 3 PLANTINGS
UTILITY POLE
LIGHT POLE
FLARED END SECTION
SPOT GRADE
MAGNITUDE & DIRECTION OF SLOPE
CONSTRUCTION LAYDOWN AREA



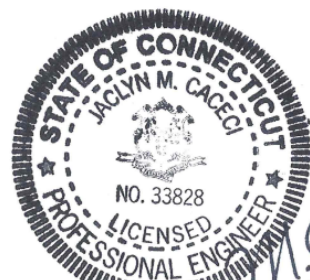
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LIGHT TEXT AND LINES INDICATE
APPROXIMATE EXISTING
CONDITIONS.



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05-27-21



05/27/21

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Solar Project**

**Quinebaug
Solar, LLC**

**Brooklyn &
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Connecticut**

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THIS SHEET, ADJUST
SCALES ACCORDINGLY

MARK	DATE	DESCRIPTION
PROJECT NO:	R0317	
DATE:	05/2021	
FILE:	Quinebaug Existing Conditions - IFC.dwg	
DRAWN BY:	ALG/JDG	
CHECKED:	JMC	
APPROVED:	BSH	

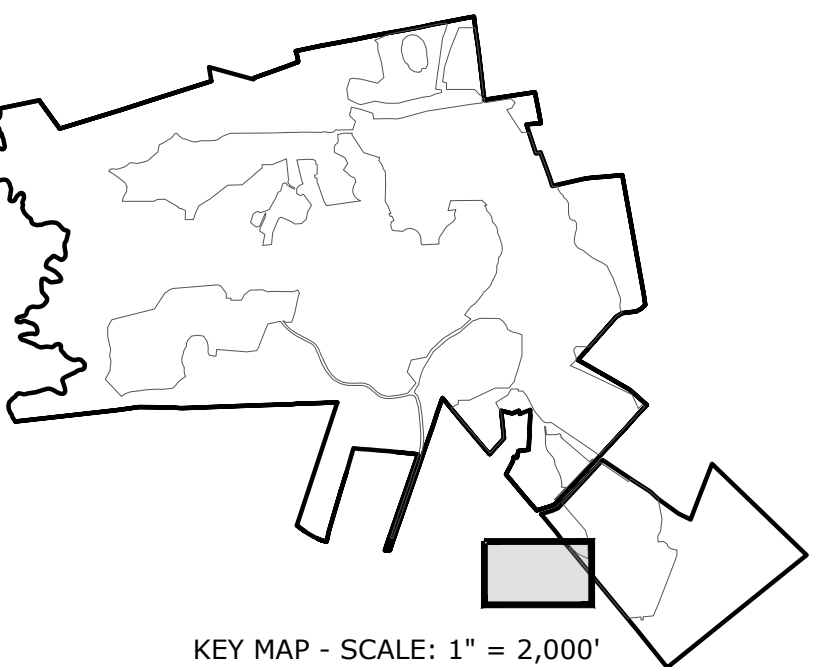
EXISTING CONDITIONS AND
DEMOLITION - 36

SCALE: 1" = 40'

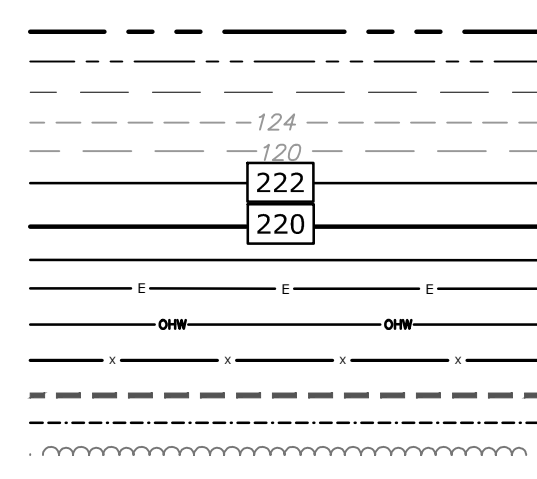
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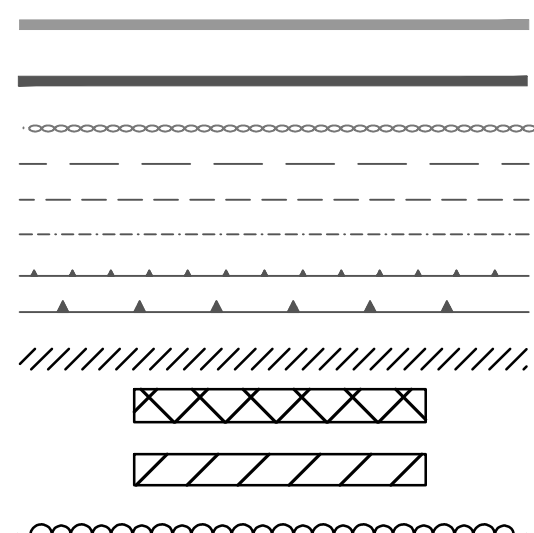
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SCALES ACCORDINGLY

C-038

PROPERTY LINE
PROPERTY LINE SETBACK
EASEMENT LINE
EXISTING INTERMEDIATE CONTOURS
EXISTING INDEX CONTOURS
PROPOSED INTERMEDIATE CONTOURS
PROPOSED INDEX CONTOURS
GRAVEL ROAD/DRIVEWAY
UNDERGROUND ELECTRIC LINE
OVERHEAD ELECTRIC LINE
CHAIN LINK FENCE
LIMITS OF WORK
TOWN BOUNDARY
EXISTING TREE LINE
DIRECTIONAL BUFFER / VERNAL POOL
ENVELOPE



HERPETOFAUNA PROTECTION AREA
CULTURAL RESOURCE AREA TO BE AVOIDED
AND PROTECTED DURING CONSTRUCTION
STONE WALL
WETLAND BUFFER
WATERCOURSE BUFFER
DELINEATED WATERCOURSE
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AREA OF PROPOSED TREE CLEARING -
STUMPS TO REMAIN
AREA OF PROPOSED TREE CLEARING
AND STUMP REMOVAL
LIMIT OF CLEARING

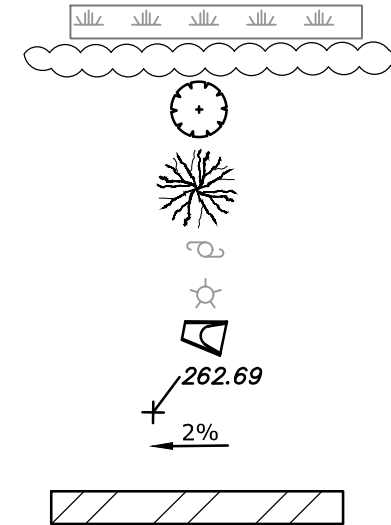


WETLAND
TIER 1 PLANTINGS
TIER 2 PLANTINGS
TIER 3 PLANTINGS

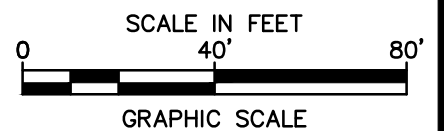
UTILITY POLE
LIGHT POLE
FLARED END SECTION

SPOT GRADE
MAGNITUDE & DIRECTION OF SLOPE

CONSTRUCTION LAYDOWN AREA

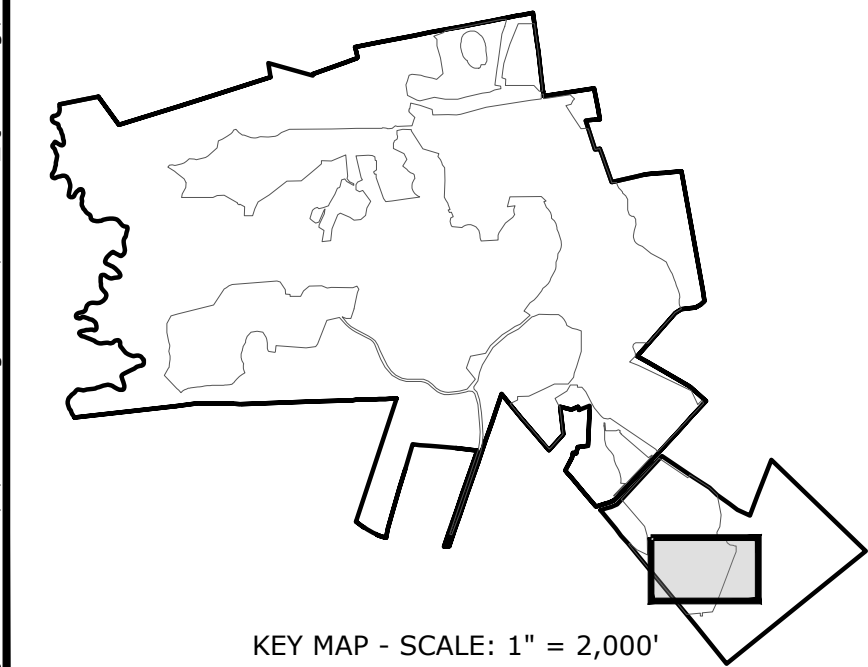


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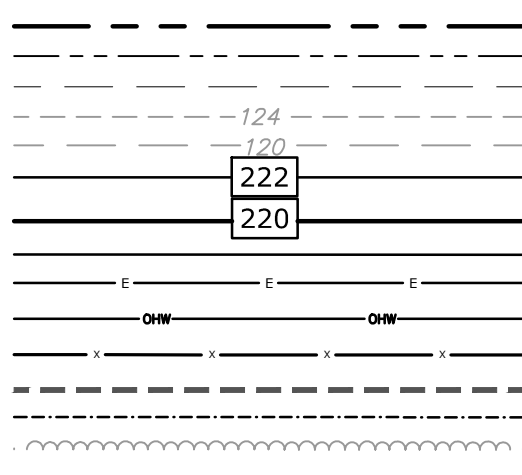
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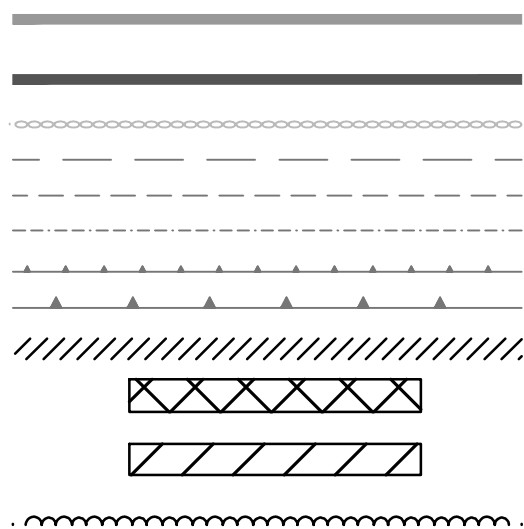
KEY MAP - SCALE: 1" = 2,000'

PROPERTY LINE
PROPERTY LINE SETBACK
EASEMENT LINE
EXISTING INTERMEDIATE CONTOURS
EXISTING INDEX CONTOURS
PROPOSED INTERMEDIATE CONTOURS
PROPOSED INDEX CONTOURS
GRAVEL ROAD/DRIVEWAY
UNDERGROUND ELECTRIC LINE
OVERHEAD ELECTRIC LINE
CHAIN LINK FENCE
LIMITS OF WORK
TOWN BOUNDARY
EXISTING TREE LINE
DIRECTIONAL BUFFER / 100' VERNAL
POOL ENVELOPE

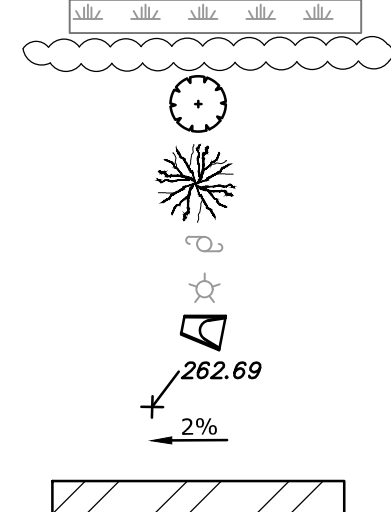


LEGEND

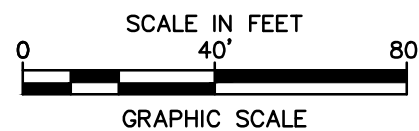
HERPETOFAUNA PROTECTION AREA
CULTURAL RESOURCE AREA TO BE AVOIDED
AND PROTECTED DURING CONSTRUCTION
STONE WALL
WETLAND BUFFER
WATERCOURSE BUFFER
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REMOVE/REMOVE AND DISPOSE
AREA OF PROPOSED TREE CLEARING -
STUMPS TO REMAIN
AREA OF PROPOSED TREE CLEARING
AND STUMP REMOVAL
LIMIT OF CLEARING



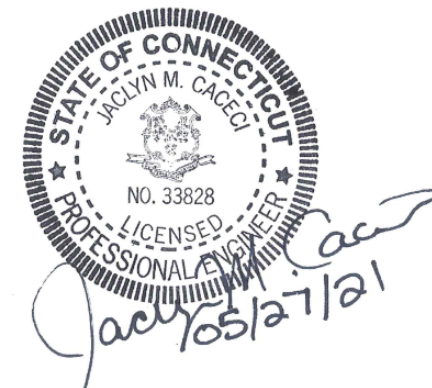
WETLAND
TIER 1 PLANTINGS
TIER 2 PLANTINGS
TIER 3 PLANTINGS
UTILITY POLE
LIGHT POLE
FLARED END SECTION
SPOT GRADE
MAGNITUDE & DIRECTION OF SLOPE
CONSTRUCTION LAYDOWN AREA



NOTE: BOLD TEXT AND LINES
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Solar Project

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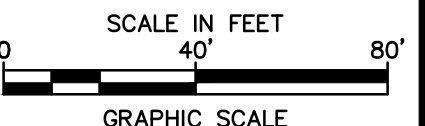
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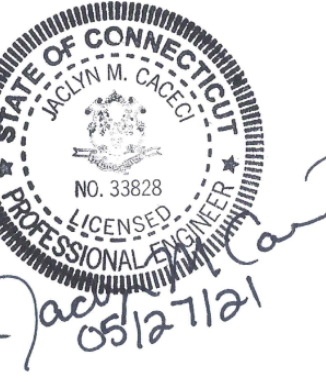
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MARK	DATE	DESCRIPTION
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DATE:	05/2021	
FILE:	Quinebaug Existing Conditions - Ifc.dwg	
DRAWN BY:	ALG/JDG	
CHECKED:	JMC	
APPROVED:	BSH	
EXISTING CONDITIONS AND DEMOLITION - 38		
SCALE:	1" = 40'	
C-039		

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SCALES ACCORDINGLY

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DATE:	05/2021	
FILE:	Unsaved Drawing2.dwg	
DRAWN BY:	ALG/JDG	
CHECKED:	JMC	
APPROVED:	BSH	






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Canterbury,
Connecticut

VERIFY SCALE

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ORIGINAL DRAWING

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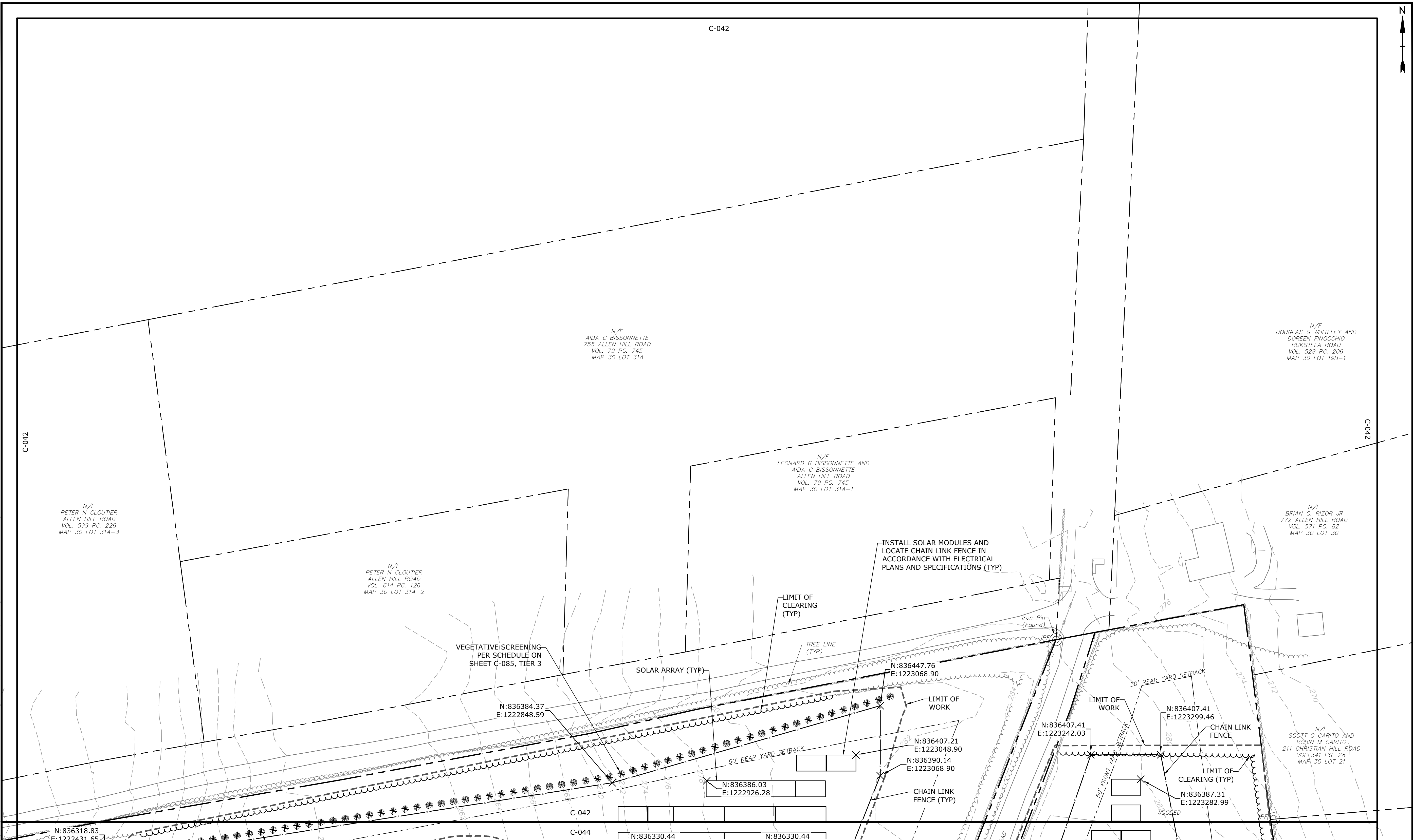
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DATE:		05/2021
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APPROVED:		BSH

PROPOSED CONDITIONS - 1

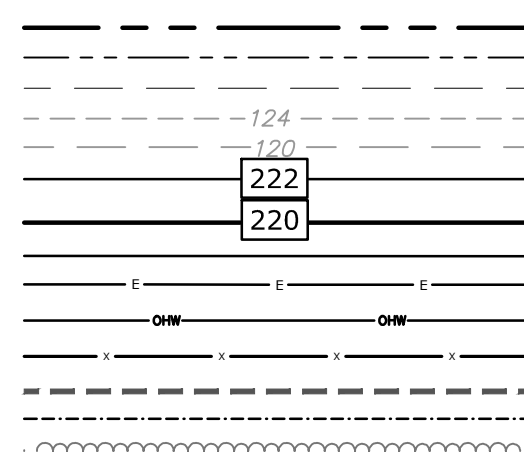
SCALE: 1" = 40'

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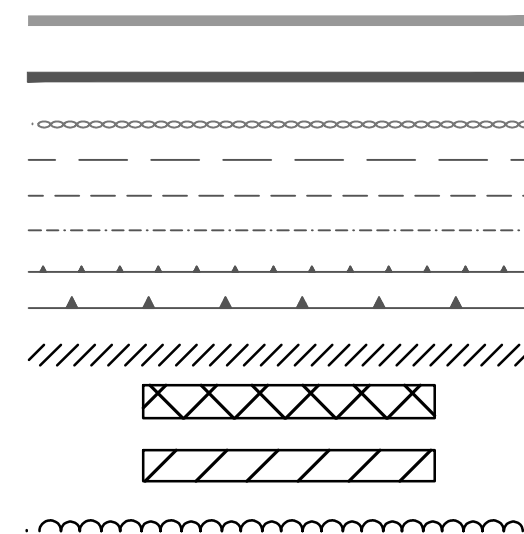


LEGEND

PROPERTY LINE
PROPERTY LINE SETBACK
EASEMENT LINE
EXISTING INTERMEDIATE CONTOURS
EXISTING INDEX CONTOURS
PROPOSED INTERMEDIATE CONTOURS
PROPOSED INDEX CONTOURS
GRAVEL ROAD/DRIVEWAY
UNDERGROUND ELECTRIC LINE
OVERHEAD ELECTRIC LINE
CHAIN LINK FENCE
LIMITS OF WORK
TOWN BOUNDARY
EXISTING TREE LINE
DIRECTIONAL BUFFER / VERNAL POOL
ENVELOPE



HERPETOFAUNA PROTECTION AREA
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AND STUMP REMOVAL
LIMIT OF CLEARING

WETLAND
TIER 1 PLANTINGS

TIER 2 PLANTINGS

TIER 3 PLANTINGS

UTILITY POLE

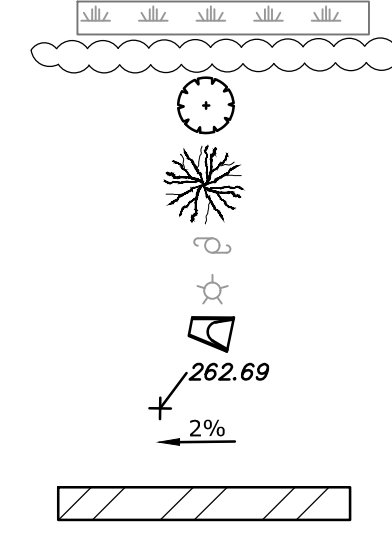
LIGHT POLE

FLARED END SECTION

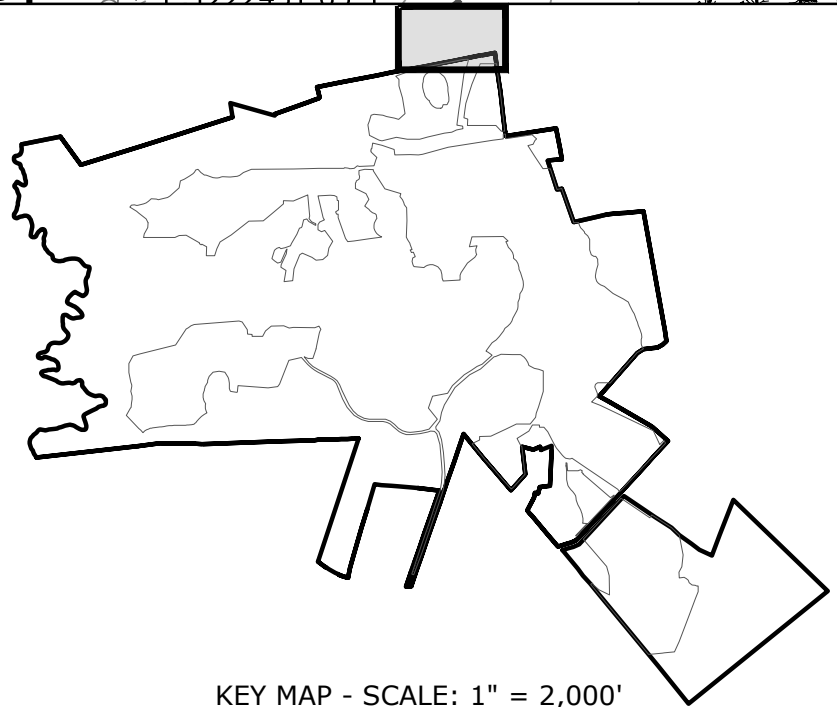
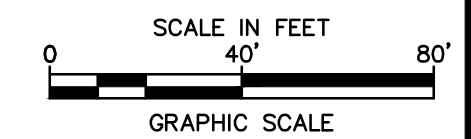
CDOT GRADE

MAGNITUDE 8

CONSTRUCTION LAYDOWN AREA

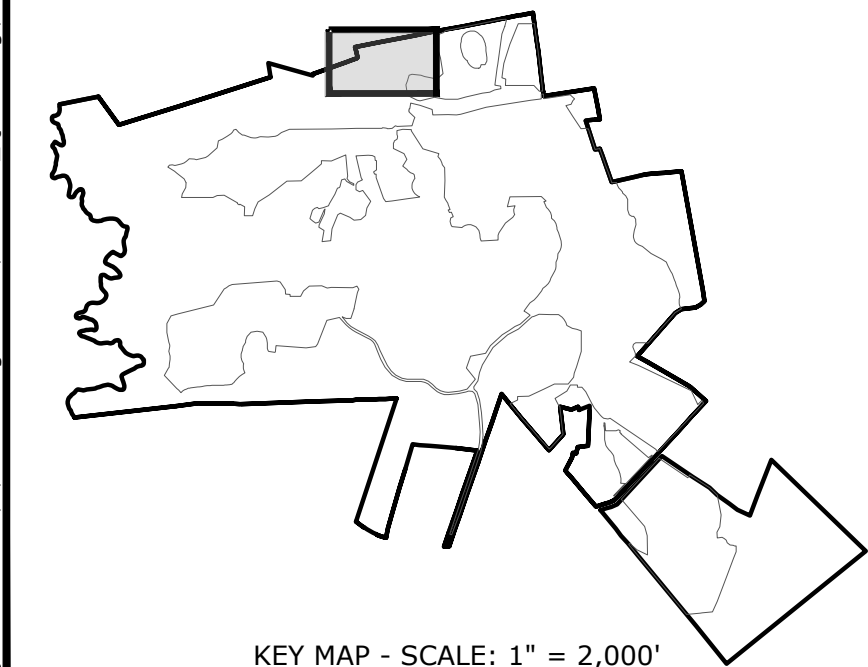
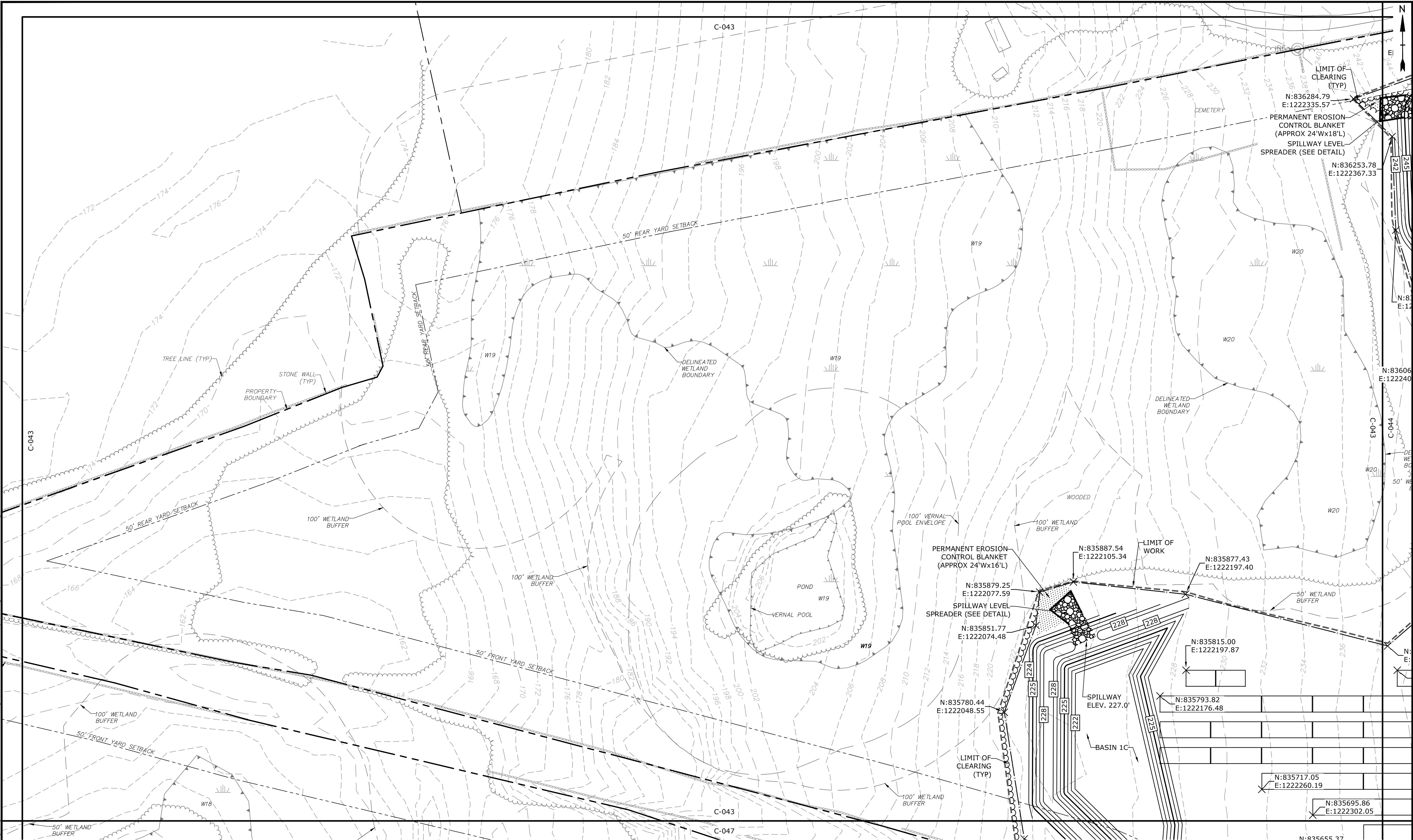


NOTE: BOLD TEXT AND LINES INDICATE PROPOSED WORK. LIGHT TEXT AND LINES INDICATE APPROXIMATE EXISTING CONDITIONS.

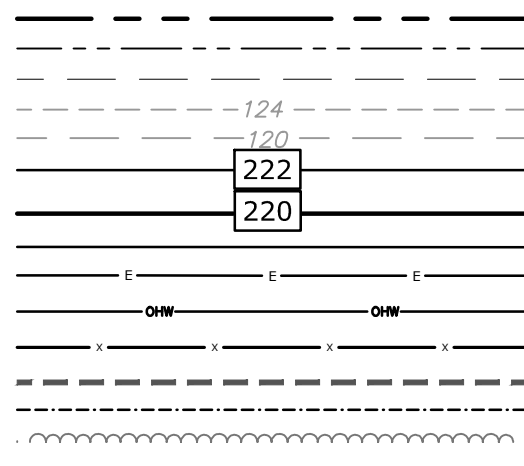


KEY MAP - SCALE: 1" = 2,000'

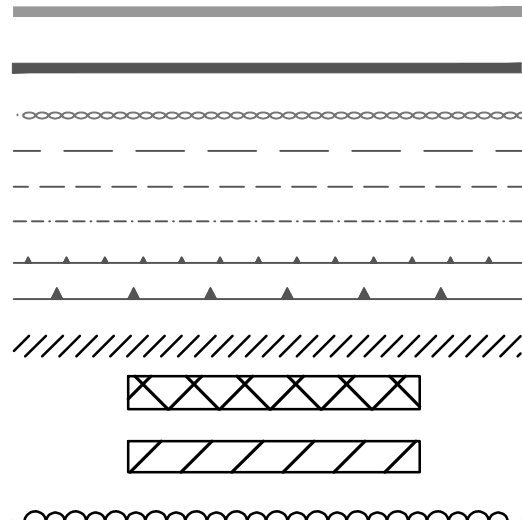
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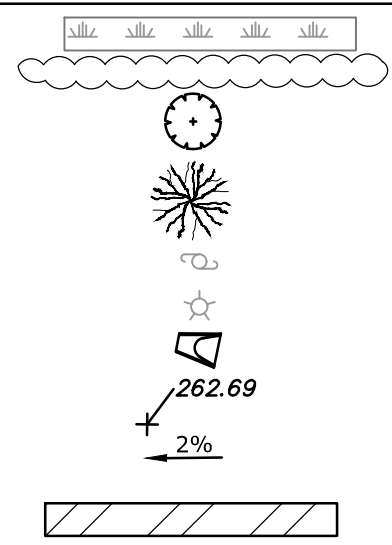
PROPERTY LINE
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EASEMENT LINE
EXISTING INTERMEDIATE CONTOURS
EXISTING INDEX CONTOURS
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PROPOSED INDEX CONTOURS
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TOWN BOUNDARY
EXISTING TREE LINE
DIRECTIONAL BUFFER / VERNAL POOL
ENVELOPE



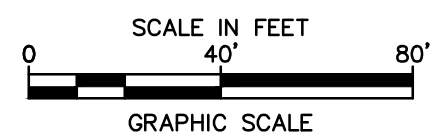
HERPETOFAUNA PROTECTION AREA
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AREA OF PROPOSED TREE CLEARING
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LIMIT OF CLEARING



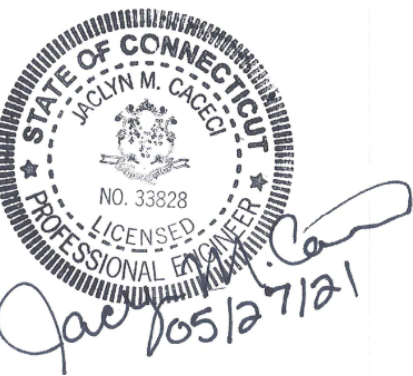
WETLAND
TIER 1 PLANTINGS
TIER 2 PLANTINGS
TIER 3 PLANTINGS
UTILITY POLE
LIGHT POLE
FLARED END SECTION
SPOT GRADE
MAGNITUDE & DIRECTION OF SLOPE
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CONDITIONS.



Tighe & Bond



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Canterbury,
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VERIFY SCALE

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PROJECT NO:	R0317	
DATE:	05/2021	
FILE:	Quinebaug Proposed Conditions - IFC.dwg	
DRAWN BY:	ALG/JDG	
CHECKED:	JMC	
APPROVED:	BSH	

PROPOSED CONDITIONS - 2

SCALE: 1" = 40'

C-043

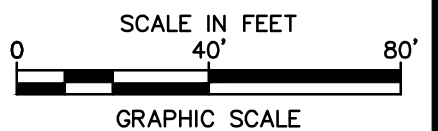
Brooklyn &
Canterbury,
Connecticut

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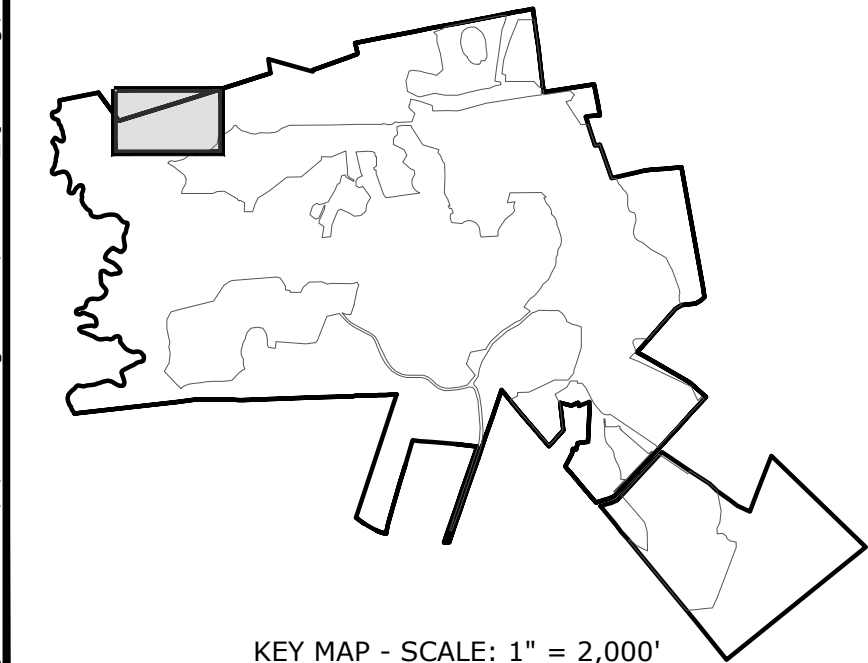
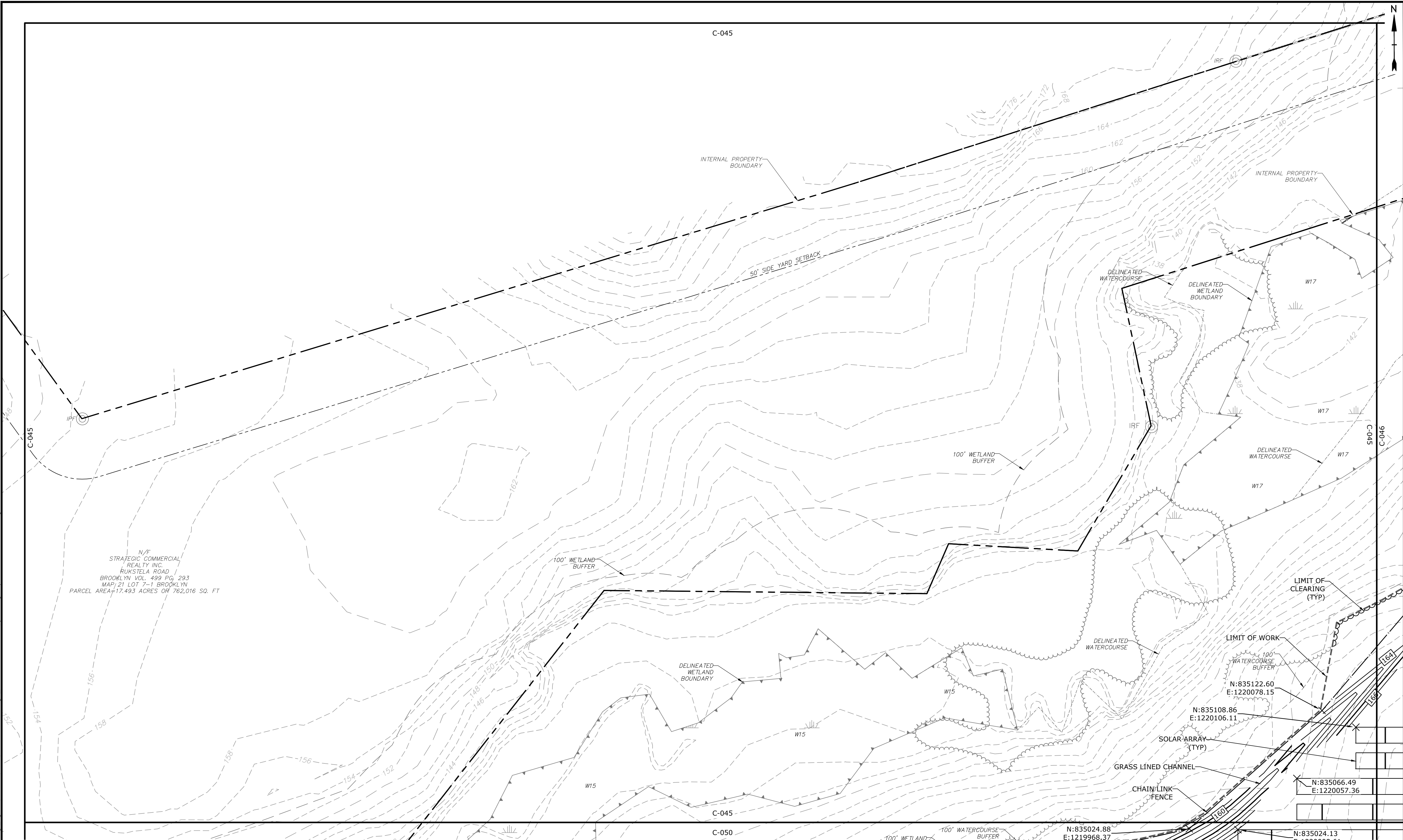
PROPOSED CONDITIONS - 3

SCALE: 1" = 40'

C-044



Last Saved: 5/21/2021
 Plotted On: May 27, 2021 3:42pm By: Jcenga
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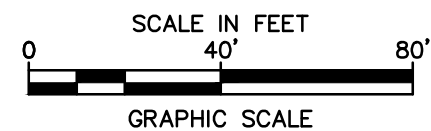


PROPERTY LINE	---
PROPERTY LINE SETBACK	---
EASEMENT LINE	---
EXISTING INTERMEDIATE CONTOURS	---
EXISTING INDEX CONTOURS	---
PROPOSED INTERMEDIATE CONTOURS	---
PROPOSED INDEX CONTOURS	---
GRAVEL ROAD/DRIVEWAY	---
UNDERGROUND ELECTRIC LINE	---
OVERHEAD ELECTRIC LINE	---
CHAIN LINK FENCE	---
LIMITS OF WORK	---
TOWN BOUNDARY	---
EXISTING TREE LINE	---
DIRECTIONAL BUFFER / VERNAL POOL	---
ENVELOPE	---

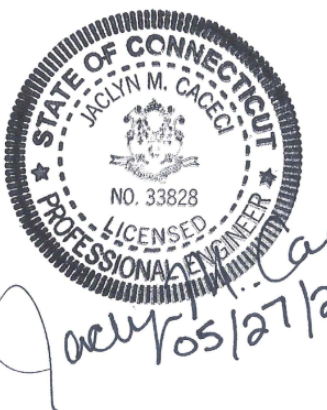
HERPETOFAUNA PROTECTION AREA	---
CULTURAL RESOURCE AREA TO BE AVOIDED	---
AND PROTECTED DURING CONSTRUCTION	---
STONE WALL	---
WETLAND BUFFER	---
WATERCOURSE BUFFER	---
DELINEATED WATERCOURSE	---
VERNAL POOL	---
DELINEATED WETLAND	---
REMOVE/REMOVE AND DISPOSE	---
AREA OF PROPOSED TREE CLEARING -	---
STUMPS TO REMAIN	---
AREA OF PROPOSED TREE CLEARING	---
AND STUMP REMOVAL	---
LIMIT OF CLEARING	---

WETLAND	---
TIER 1 PLANTINGS	---
TIER 2 PLANTINGS	---
TIER 3 PLANTINGS	---
UTILITY POLE	---
LIGHT POLE	---
FLARED END SECTION	---
SPOT GRADE	---
MAGNITUDE & DIRECTION OF SLOPE	---
CONSTRUCTION LAYDOWN AREA	---

NOTE: BOLD TEXT AND LINES
 INDICATE PROPOSED WORK.
 LIGHT TEXT AND LINES INDICATE
 APPROXIMATE EXISTING
 CONDITIONS.



Tighe&Bond



ISSUED FOR
 CONSTRUCTION

Quinebaug
 Solar Project

Quinebaug
 Solar, LLC

Brooklyn &
 Canterbury,
 Connecticut

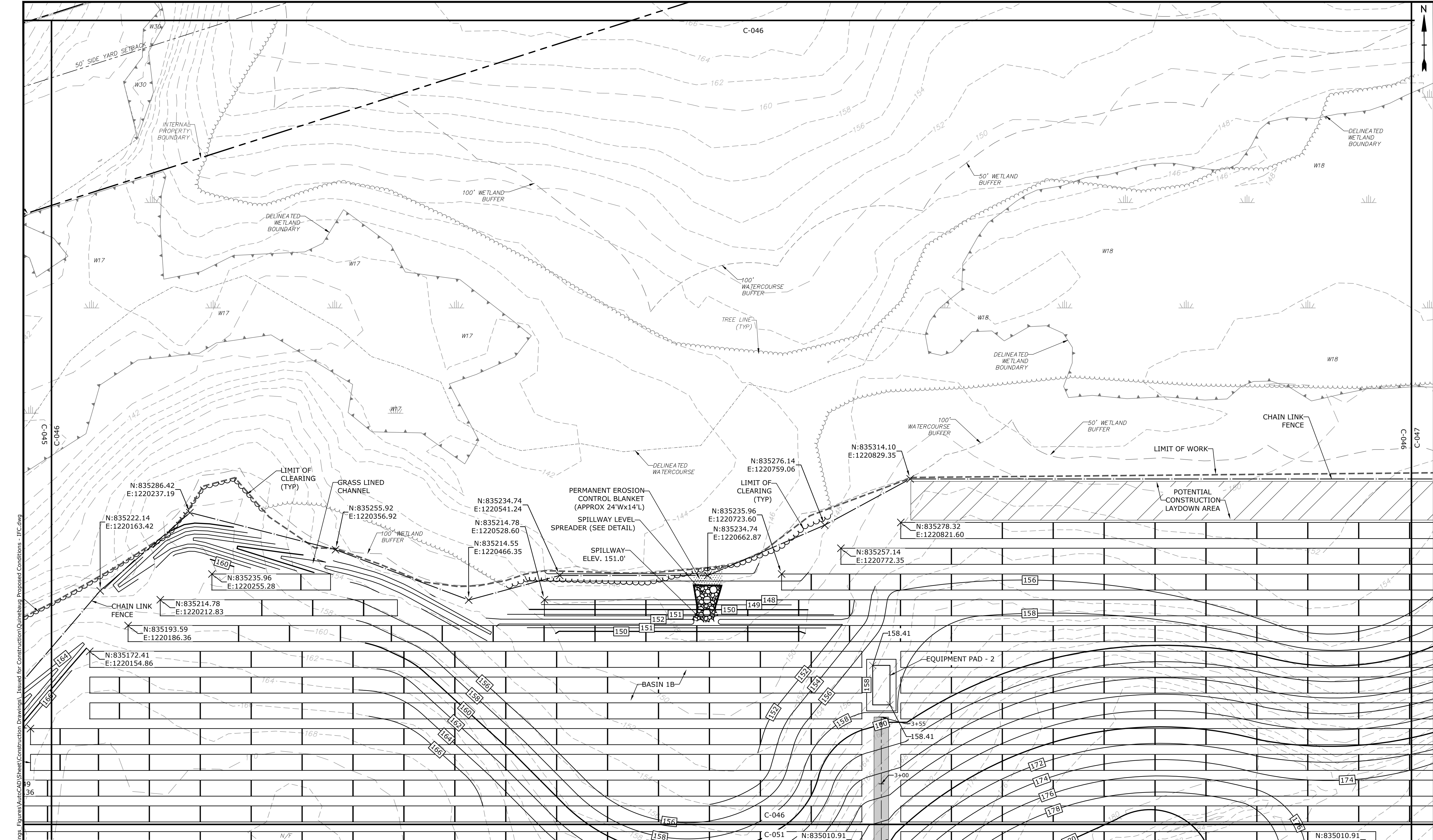
VERIFY SCALE
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IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

MARK	DATE	DESCRIPTION
PROJECT NO:	R0317	
DATE:	05/2021	
FILE:	Quinebaug Proposed Conditions - IFC.dwg	
DRAWN BY:	ALG/JDG	
CHECKED:	JMC	
APPROVED:	BSH	

PROPOSED CONDITIONS - 4

SCALE: 1" = 40'

C-045



PROPERTY LINE
PROPERTY LINE SETBACK
EASEMENT LINE
EXISTING INTERMEDIATE CONTOURS
EXISTING INDEX CONTOURS
PROPOSED INTERMEDIATE CONTOURS
PROPOSED INDEX CONTOURS
GRAVEL ROAD/DRIVEWAY
UNDERGROUND ELECTRIC LINE
OVERHEAD ELECTRIC LINE
CHAIN LINK FENCE
LIMITS OF WORK
TOWN BOUNDARY
EXISTING TREE LINE
DIRECTIONAL BUFFER / VERNAL POOL
ENVELOPE

HERPETOFAUNA PROTECTION AREA
CULTURAL RESOURCE AREA TO BE AVOIDED
AND PROTECTED DURING CONSTRUCTION
STONE WALL
WETLAND BUFFER
WATERCOURSE BUFFER
DELINEATED WATERCOURSE
VERNAL POOL
DELINEATED WETLAND
REMOVE/REMOVE AND DISPOSE
AREA OF PROPOSED TREE CLEARING -
STUMPS TO REMAIN
AREA OF PROPOSED TREE CLEARING
AND STUMP REMOVAL
LIMIT OF CLEARING

WETLAND
TIER 1 PLANTINGS
TIER 2 PLANTINGS
TIER 3 PLANTINGS
UTILITY POLE
LIGHT POLE
FLARED END SECTION
SPOT GRADE
MAGNITUDE & DIRECTION OF SLOPE
CONSTRUCTION LAYDOWN AREA

NOTE: BOLD TEXT AND LINES
INDICATE PROPOSED WORK.
LIGHT TEXT AND LINES INDICATE
APPROXIMATE EXISTING
CONDITIONS.

KEY MAP - SCALE: 1" = 2,000'

LEGEND

SCALE IN FEET
0 40' 80'
GRAPHIC SCALE

VERIFICATION SCALE
BAR IS 1 INCH ON
ORIGINAL DRAWING
0 1 INCH
IF NOT ONE INCH ON
THIS SHEET, ADJUST
SCALES ACCORDINGLY

PROJECT NO: R0317
DATE: 05/2021
FILE: Quinebaug Proposed Conditions - IFC.dwg
DRAWN BY: ALG/JDG
CHECKED: JMC
APPROVED: BSH

PROPOSED CONDITIONS - 5

SCALE: 1" = 40'

C-046

Last Saved: 5/21/2021
Plotted On: May 27, 2021 3:45pm By: Jcengua
Tighe & Bond: J:\R0317_Ranger Solar\R-0317-2_Quinebaug Drawings_Figures\AutoCAD\Sheet Construction Drawings_ Issued for Construction\Quinebaug Proposed Conditions - IFC.dwg

Tighe & Bond

STATE OF CONNECTICUT
JACOB M. HUNTER
No. 31180
LICENSED PROFESSIONAL ENGINEER
05-27-21

STATE OF CONNECTICUT
JACOB M. HUNTER
No. 33828
LICENSED PROFESSIONAL ENGINEER
05/27/21

ISSUED FOR CONSTRUCTION

Quinebaug Solar Project

Quinebaug Solar, LLC

Brooklyn & Canterbury, Connecticut

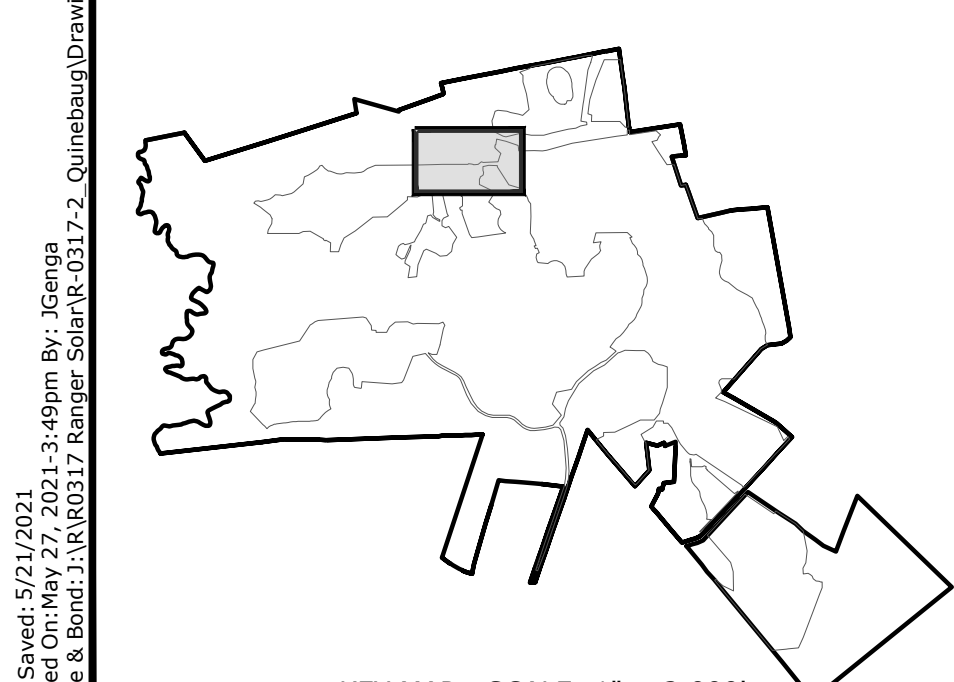
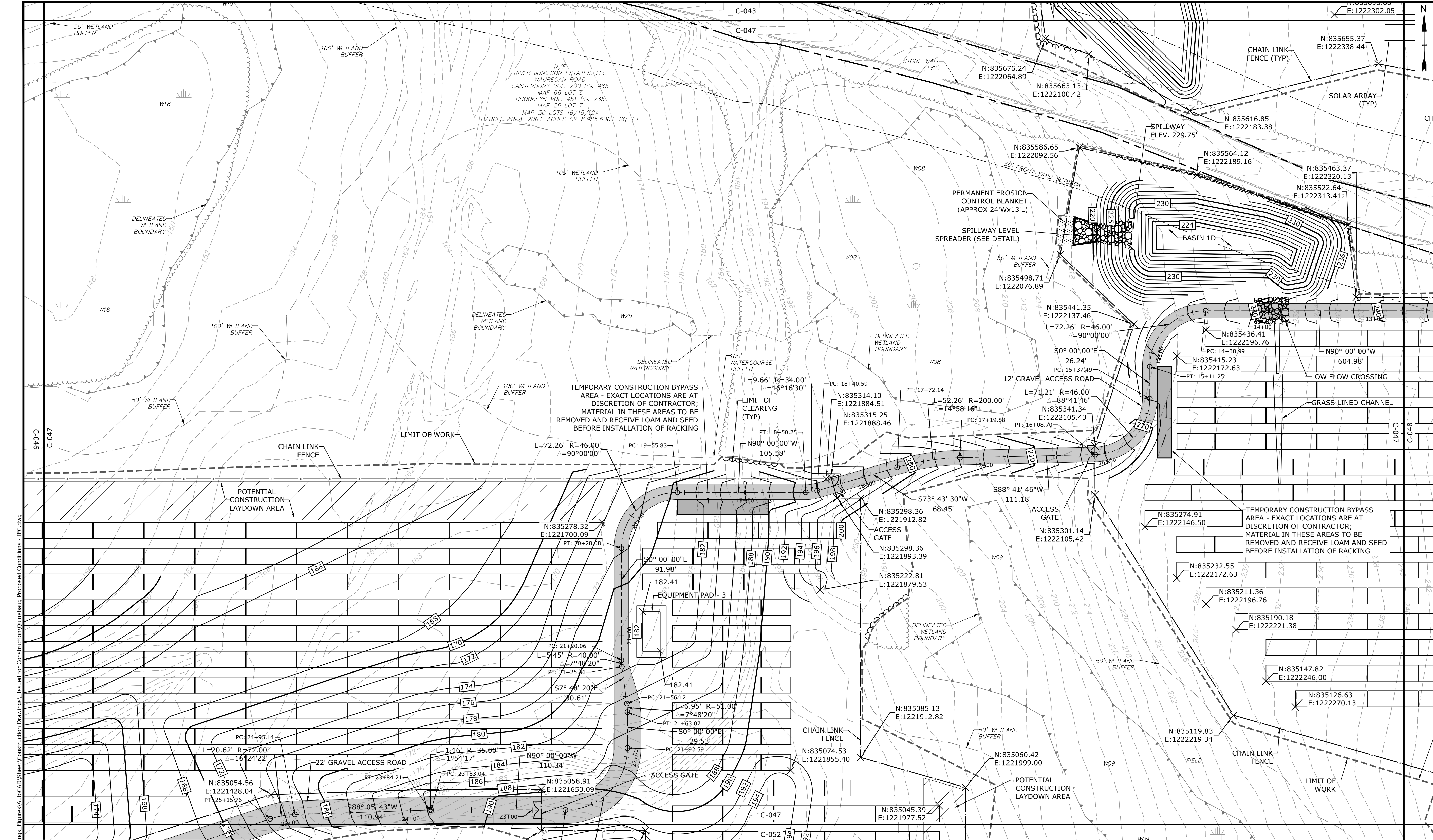
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PROJECT NO: R0317
DATE: 05/2021
FILE: Quinebaug Proposed Conditions - IFC.dwg
DRAWN BY: ALG/JDG
CHECKED: JMC
APPROVED: BSH

PROPOSED CONDITIONS - 5

SCALE: 1" = 40'

C-046

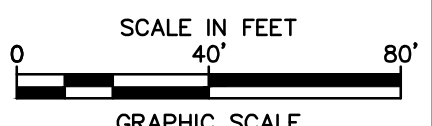


PROPERTY LINE	---
PROPERTY LINE SETBACK	---
EASEMENT LINE	---
EXISTING INTERMEDIATE CONTOURS	---
EXISTING INDEX CONTOURS	---
PROPOSED INTERMEDIATE CONTOURS	---
PROPOSED INDEX CONTOURS	---
GRAVEL ROAD/DRIVEWAY	---
UNDERGROUND ELECTRIC LINE	---
OVERHEAD ELECTRIC LINE	---
CHAIN LINK FENCE	---
LIMITS OF WORK	---
TOWN BOUNDARY	---
EXISTING TREE LINE	---
DIRECTIONAL BUFFER / VERNAL POOL	---
ENVELOPE	---

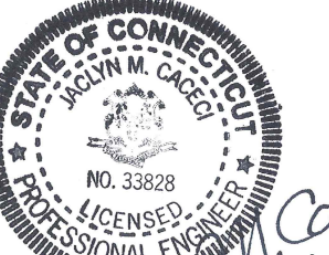
HERPETOFAUNA PROTECTION AREA	---
CULTURAL RESOURCE AREA TO BE AVOIDED	---
AND PROTECTED DURING CONSTRUCTION	---
STONE WALL	---
WETLAND BUFFER	---
WATERCOURSE BUFFER	---
DELINEATED WATERCOURSE	---
VERNAL POOL	---
DELINEATED WETLAND	---
REMOVE/REMOVE AND DISPOSE	---
AREA OF PROPOSED TREE CLEARING -	---
STUMPS TO REMAIN	---
AREA OF PROPOSED TREE CLEARING	---
AND STUMP REMOVAL	---
LIMIT OF CLEARING	---

WETLAND	---
TIER 1 PLANTINGS	---
TIER 2 PLANTINGS	---
TIER 3 PLANTINGS	---
UTILITY POLE	---
LIGHT POLE	---
FLARED END SECTION	---
SPOT GRADE	---
MAGNITUDE & DIRECTION OF SLOPE	---
CONSTRUCTION LAYDOWN AREA	---

NOTE: BOLD TEXT AND LINES
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LIGHT TEXT AND LINES INDICATE
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CONDITIONS.



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CONSTRUCTION

Quinebaug
Solar Project

Quinebaug
Solar, LLC

Brooklyn &
Canterbury,
Connecticut

VERIFY SCALE
BAR IS 1 INCH ON
ORIGINAL DRAWING
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IF NOT ONE INCH ON
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SCALES ACCORDINGLY

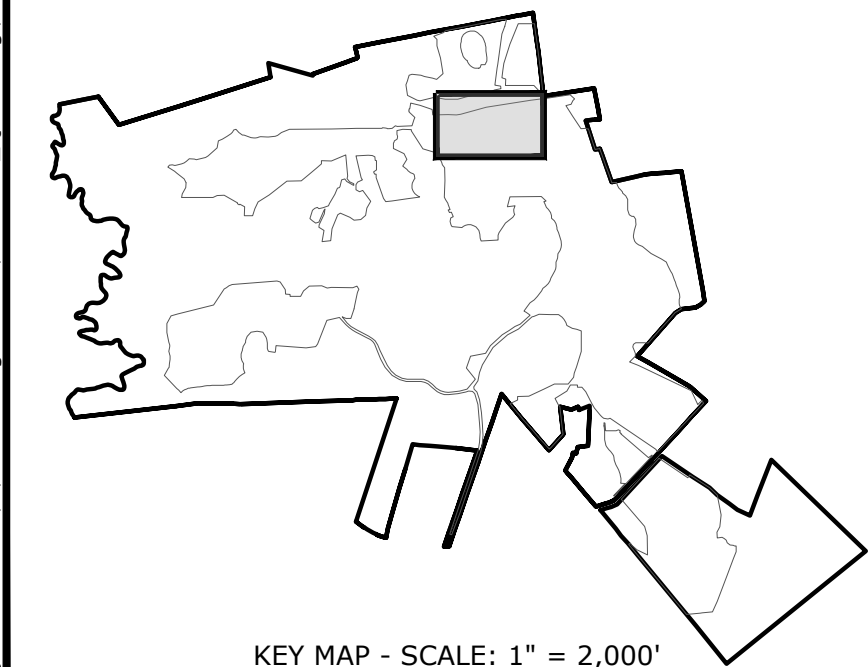
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DATE:	05/2021	
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CHECKED:	JMC	
APPROVED:	BSH	

PROPOSED CONDITIONS - 6

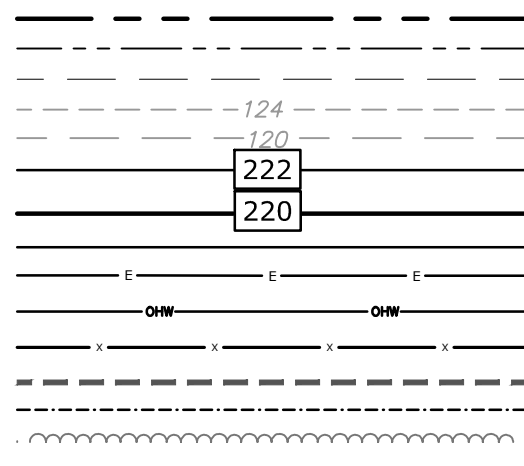
SCALE: 1" = 40'

C-047

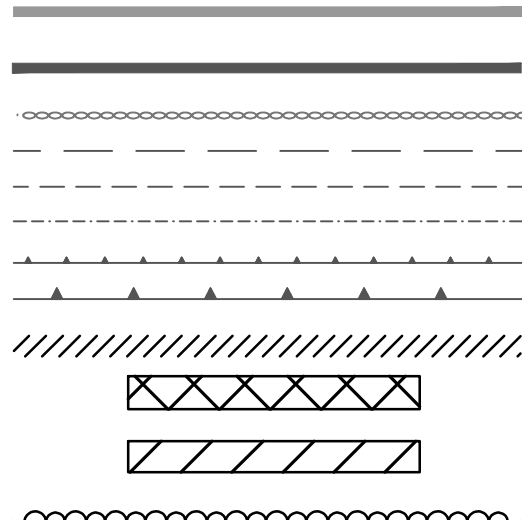
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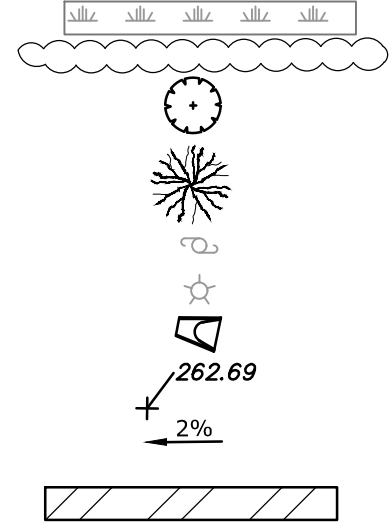
PROPERTY LINE
PROPERTY LINE SETBACK
EASEMENT LINE
EXISTING INTERMEDIATE CONTOURS
EXISTING INDEX CONTOURS
PROPOSED INTERMEDIATE CONTOURS
PROPOSED INDEX CONTOURS
GRAVEL ROAD/DRIVEWAY
UNDERGROUND ELECTRIC LINE
OVERHEAD ELECTRIC LINE
CHAIN LINK FENCE
LIMITS OF WORK
TOWN BOUNDARY
EXISTING TREE LINE
DIRECTIONAL BUFFER / VERNAL POOL
ENVELOPE



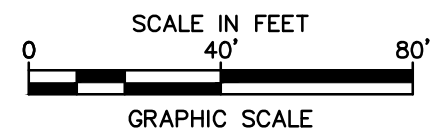
HERPETOFAUNA PROTECTION AREA
CULTURAL RESOURCE AREA TO BE AVOIDED
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STONE WALL
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STUMPS TO REMAIN
AREA OF PROPOSED TREE CLEARING
AND STUMP REMOVAL
LIMIT OF CLEARING



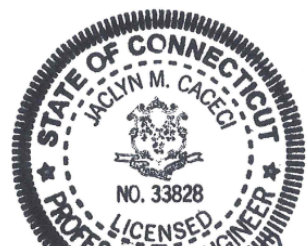
WETLAND
TIER 1 PLANTINGS
TIER 2 PLANTINGS
TIER 3 PLANTINGS
UTILITY POLE
LIGHT POLE
FLARED END SECTION
SPOT GRADE
MAGNITUDE & DIRECTION OF SLOPE
CONSTRUCTION LAYDOWN AREA



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Tighe&Bond



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CONSTRUCTION

Quinebaug
Solar Project

Quinebaug
Solar, LLC

Brooklyn &
Canterbury,
Connecticut

VERIFY SCALE

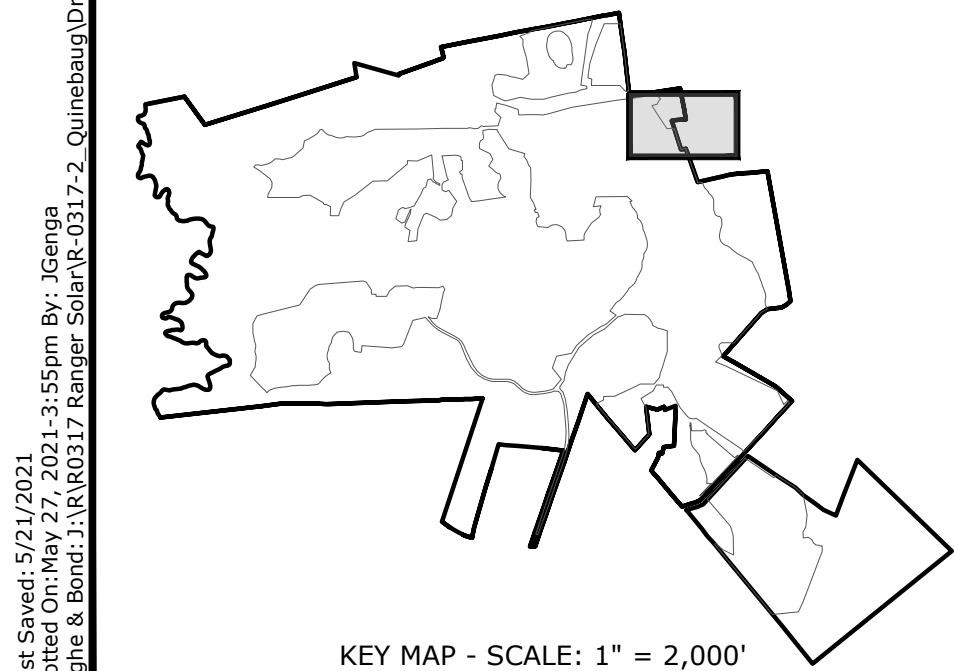
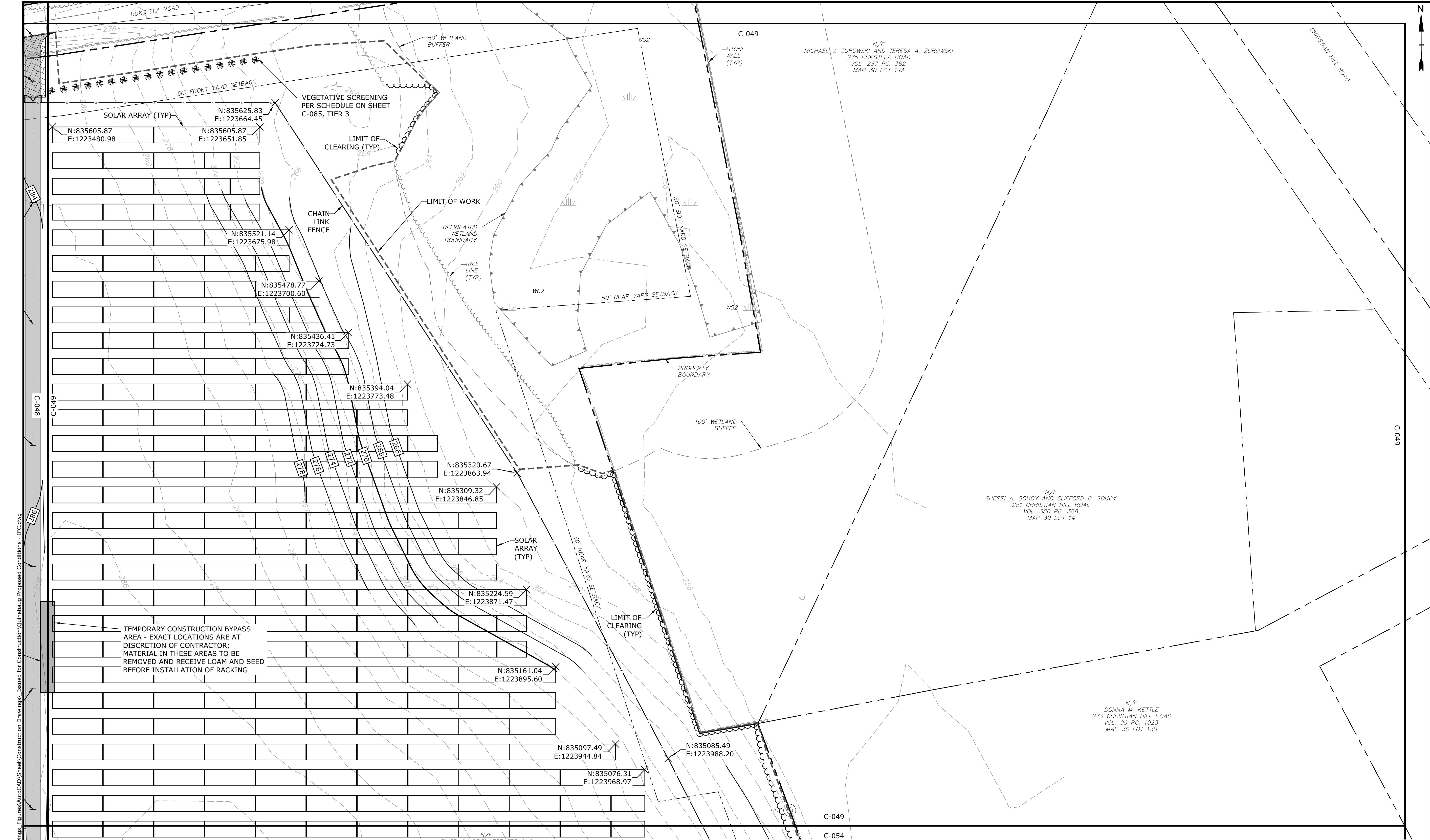
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IF NOT ONE INCH ON
THIS SHEET, ADJUST
SCALES ACCORDINGLY

MARK	DATE	DESCRIPTION
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DATE:	05/20/21	
FILE:	Quinebaug Proposed Conditions - IFC.dwg	
DRAWN BY:	ALG/JDG	
CHECKED:	JMC	
APPROVED:	BSH	

PROPOSED CONDITIONS - 7

SCALE: 1" = 40'

C-048



LEGEND

PROPERTY LINE
PROPERTY LINE SETBACK
EASEMENT LINE
EXISTING INTERMEDIATE CONTOURS
EXISTING INDEX CONTOURS
PROPOSED INTERMEDIATE CONTOURS
PROPOSED INDEX CONTOURS
GRAVEL ROAD/DRIVEWAY
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LIMIT OF CLEARING

WETLAND
TIER 1 PLANTINGS
TIER 2 PLANTINGS
TIER 3 PLANTINGS

UTILITY POLE
LIGHT POLE
FLARED END SECTION
SPOT GRADE
MAGNITUDE & DIRECTION OF SLOPE

CONSTRUCTION LAYDOWN AREA

NOTE: BOLD TEXT AND LINES
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LIGHT TEXT AND LINES INDICATE
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SCALE IN FEET
0 40' 80'
GRAPHIC SCALE

Last Saved: 5/21/2021
Plotted On: May 27, 2021 3:35pm By: Jcenga
Tighe & Bond: J:\R\0317 Ranier Solar\R-0317-2 Quinebaug Drawings\Drawings\AutoCAD\Sheet Construction Drawings - IFC.dwg

12-12-21

STATE OF CONNECTICUT
BRYAN S. HUNTLEY
No. 31180
LICENSED PROFESSIONAL ENGINEER

STATE OF CONNECTICUT
JACOB M. CAGGI
No. 33828
LICENSED PROFESSIONAL ENGINEER

ISSUED FOR CONSTRUCTION

Quinebaug Solar Project

Quinebaug Solar, LLC

Brooklyn & Canterbury, Connecticut

VERIFY SCALE

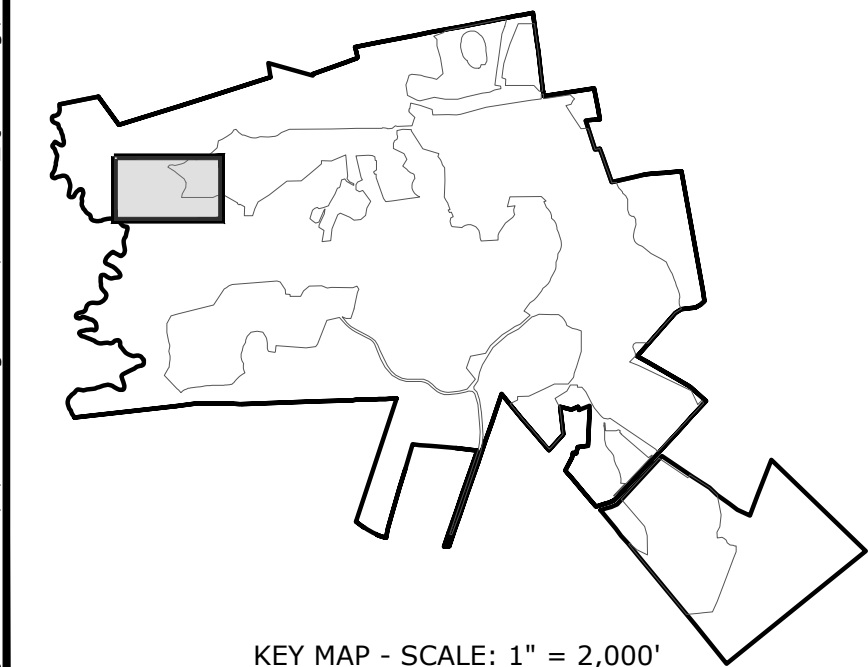
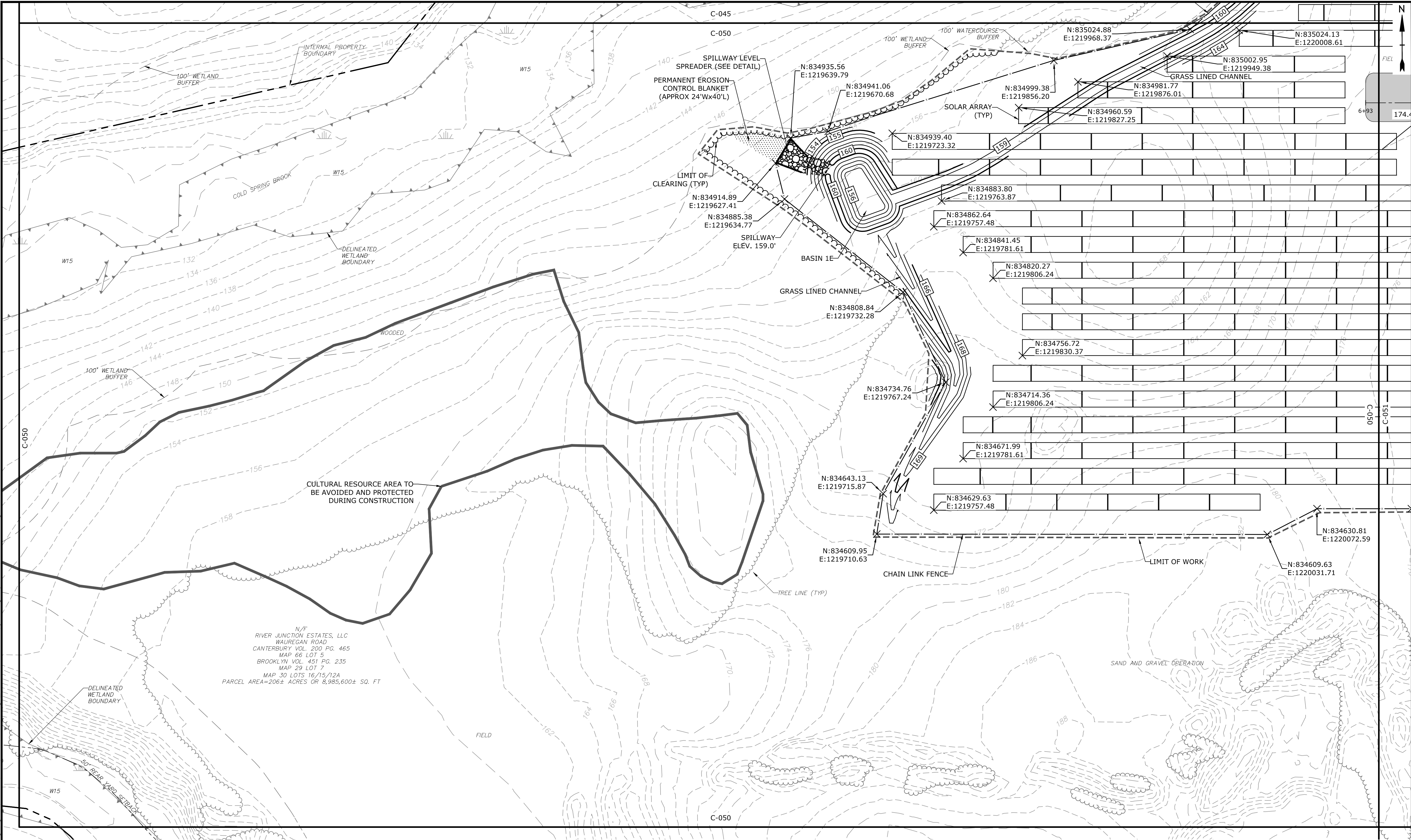
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DATE: 05/2021		
FILE: Quinebaug Proposed Conditions - IFC.dwg		
DRAWN BY: ALG/JDG		
CHECKED BY: JMC		
APPROVED BY: BSH		
PROPOSED CONDITIONS - 8		
SCALE:		1" = 40'
C-049		

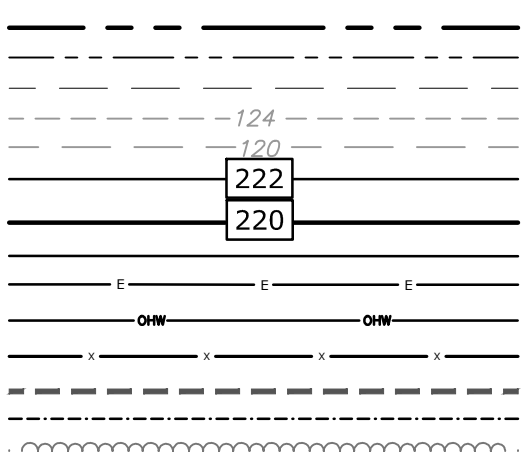
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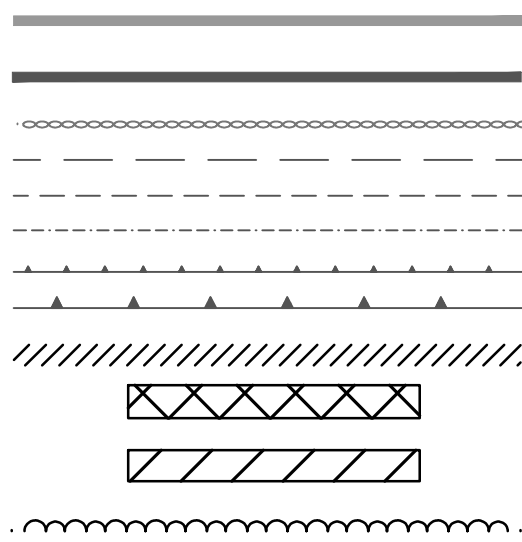
KEY MAP - SCALE: 1" = 2,000'

LEGEND

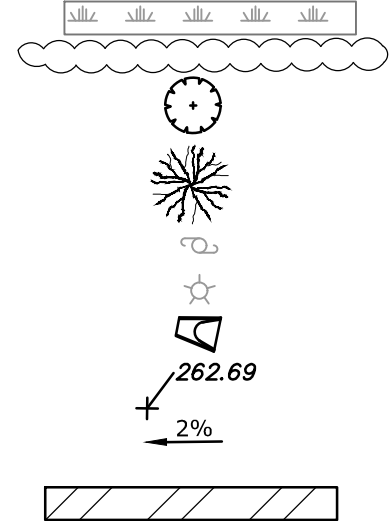
PROPERTY LINE
 PROPERTY LINE SETBACK
 EASEMENT LINE
 EXISTING INTERMEDIATE CONTOURS
 EXISTING INDEX CONTOURS
 PROPOSED INTERMEDIATE CONTOURS
 PROPOSED INDEX CONTOURS
 GRAVEL ROAD/DRIVEWAY
 UNDERGROUND ELECTRIC LINE
 OVERHEAD ELECTRIC LINE
 CHAIN LINK FENCE
 LIMITS OF WORK
 TOWN BOUNDARY
 EXISTING TREE LINE
 DIRECTIONAL BUFFER / VERNAL POOL
 ENVELOPE



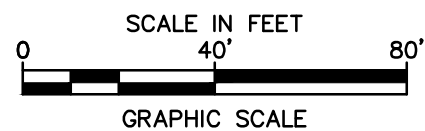
HERPETOFAUNA PROTECTION AREA
 CULTURAL RESOURCE AREA TO BE AVOIDED
 AND PROTECTED DURING CONSTRUCTION
 STONE WALL
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 AREA OF PROPOSED TREE CLEARING -
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 LIMIT OF CLEARING



WETLAND
 TIER 1 PLANTINGS
 TIER 2 PLANTINGS
 TIER 3 PLANTINGS
 UTILITY POLE
 LIGHT POLE
 FLARED END SECTION
 SPOT GRADE
 MAGNITUDE & DIRECTION OF SLOPE
 CONSTRUCTION LAYDOWN AREA



NOTE: BOLD TEXT AND LINES
 INDICATE PROPOSED WORK.
 LIGHT TEXT AND LINES INDICATE
 APPROXIMATE EXISTING
 CONDITIONS.



Tighe&Bond



1508-27-21



105127121

ISSUED FOR
CONSTRUCTION

Quinebaug
Solar Project

Quinebaug
Solar, LLC

Brooklyn &
Canterbury,
Connecticut

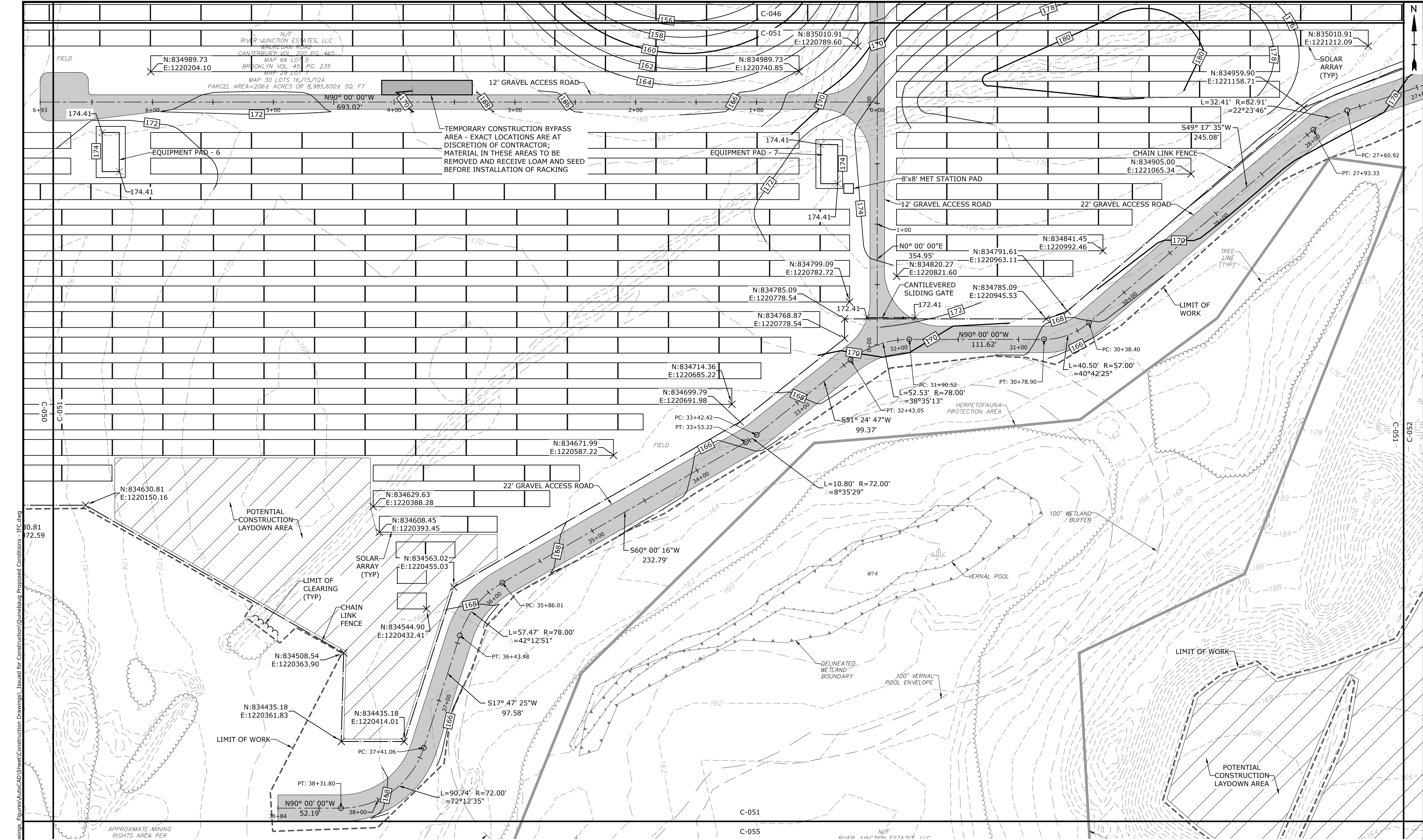
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 IF NOT ONE INCH ON
 THIS SHEET, ADJUST
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MARK	DATE	DESCRIPTION
PROJECT NO:	R0317	
DATE:	05/2021	
FILE:	Quinebaug Proposed Conditions - IFC.dwg	
DRAWN BY:	ALG/JDG	
CHECKED:	JMC	
APPROVED:	BSH	

PROPOSED CONDITIONS - 9

SCALE: 1" = 40'

C-050



PROPERTY LINE
PROPERTY LINE SETBACK
EASEMENT LINE
EXISTING INTERMEDIATE CONTOURS
EXISTING INDEX CONTOURS
PROPOSED INTERMEDIATE CONTOURS
PROPOSED INDEX CONTOURS
GRAVEL ROAD/DRIVEWAY
UNDERGROUND ELECTRIC LINE
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LIMITS OF WORK
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DIRECTIONAL BUFFER / VERNAL POOL
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HERPETOFAUNA PROTECTION AREA
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TIER 1 PLANTINGS
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NOTE: BOLD TEXT AND LINES
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APPROXIMATE EXISTING
CONDITIONS.

SCALE IN FEET
0 40' 80'
GRAPHIC SCALE

KEY MAP - SCALE: 1" = 2,000'

Tighe&Bond

12-25-21

Joe 105/27/21

ISSUED FOR CONSTRUCTION

Quinebaug Solar Project

Quinebaug Solar, LLC

Brooklyn & Canterbury, Connecticut

VERIFY SCALE

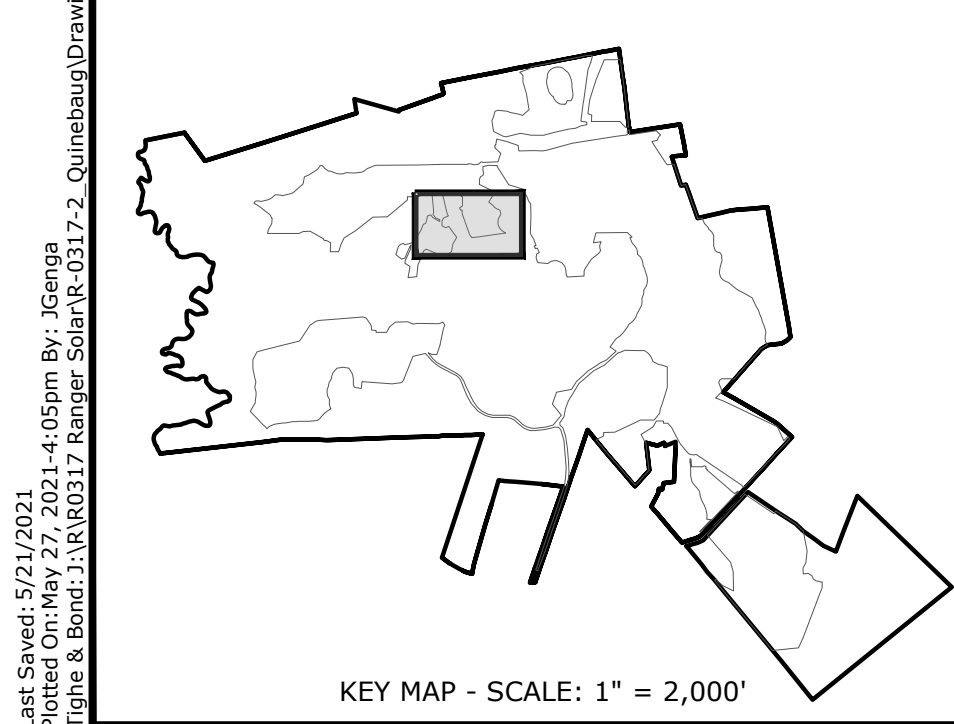
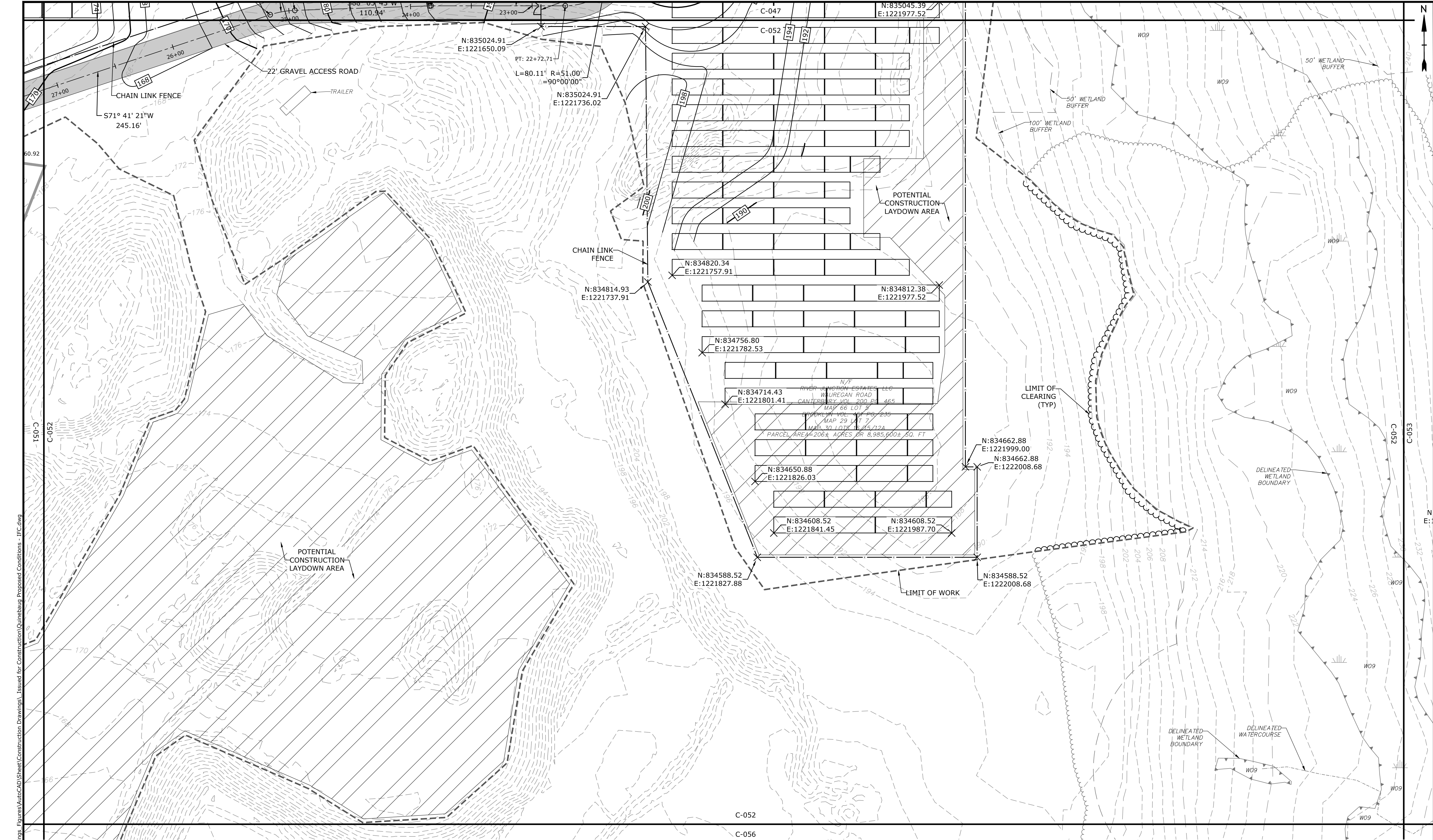
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IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

MARK	DATE	DESCRIPTION
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DATE:	05/2021	
FILE:	Quinebaug Proposed Conditions - IFC.dwg	
DRAWN BY:	ALG/JDG	
CHECKED:	JMC	
APPROVED:	BSH	

PROPOSED CONDITIONS - 10

SCALE: 1" = 40'

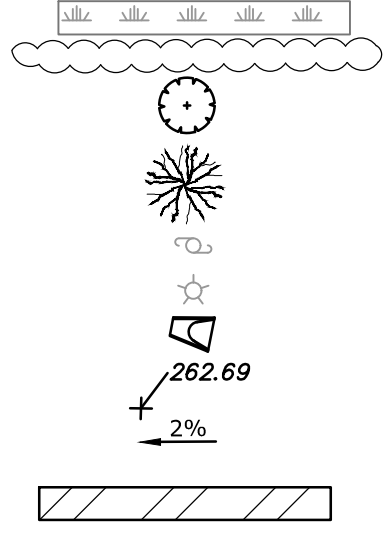
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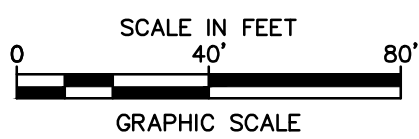
- LEGEND**
- PROPERTY LINE
 - PROPERTY LINE SETBACK
 - EASEMENT LINE
 - EXISTING INTERMEDIATE CONTOURS
 - EXISTING INDEX CONTOURS
 - PROPOSED INTERMEDIATE CONTOURS
 - PROPOSED INDEX CONTOURS
 - GRAVEL ROAD/DRIVEWAY
 - UNDERGROUND ELECTRIC LINE
 - OVERHEAD ELECTRIC LINE
 - CHAIN LINK FENCE
 - LIMITS OF WORK
 - TOWN BOUNDARY
 - EXISTING TREE LINE
 - DIRECTIONAL BUFFER / VERNAL POOL ENVELOPE

- HERPETOFAUNA PROTECTION AREA
- CULTURAL RESOURCE AREA TO BE AVOIDED AND PROTECTED DURING CONSTRUCTION
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- AREA OF PROPOSED TREE CLEARING - STUMPS TO REMAIN
- AREA OF PROPOSED TREE CLEARING AND STUMP REMOVAL
- LIMIT OF CLEARING

- WETLAND
- TIER 1 PLANTINGS
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NOTE: BOLD TEXT AND LINES INDICATE PROPOSED WORK. LIGHT TEXT AND LINES INDICATE APPROXIMATE EXISTING CONDITIONS.



Tighe&Bond

ISSUED FOR CONSTRUCTION

Quinebaug Solar Project

Quinebaug Solar, LLC

Brooklyn & Canterbury, Connecticut

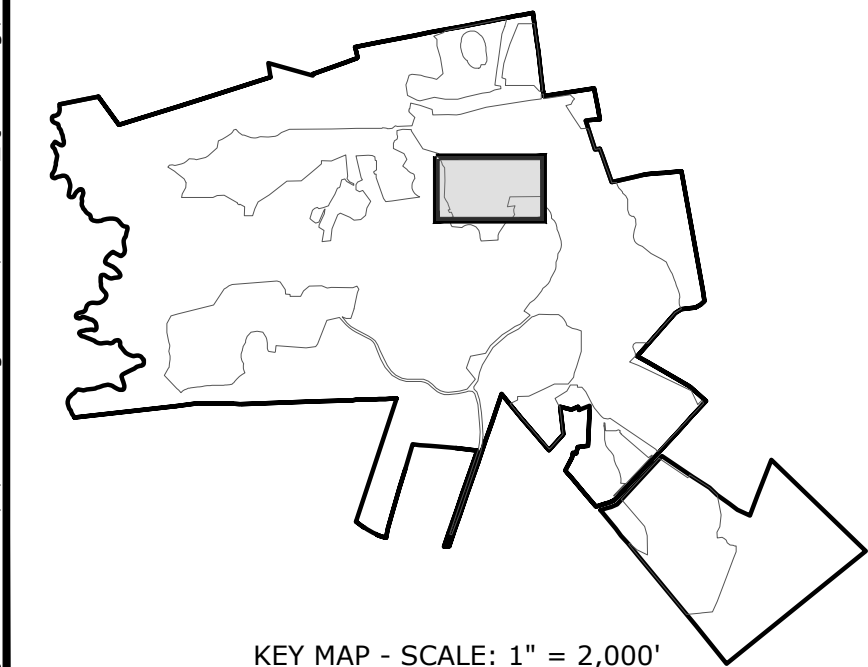
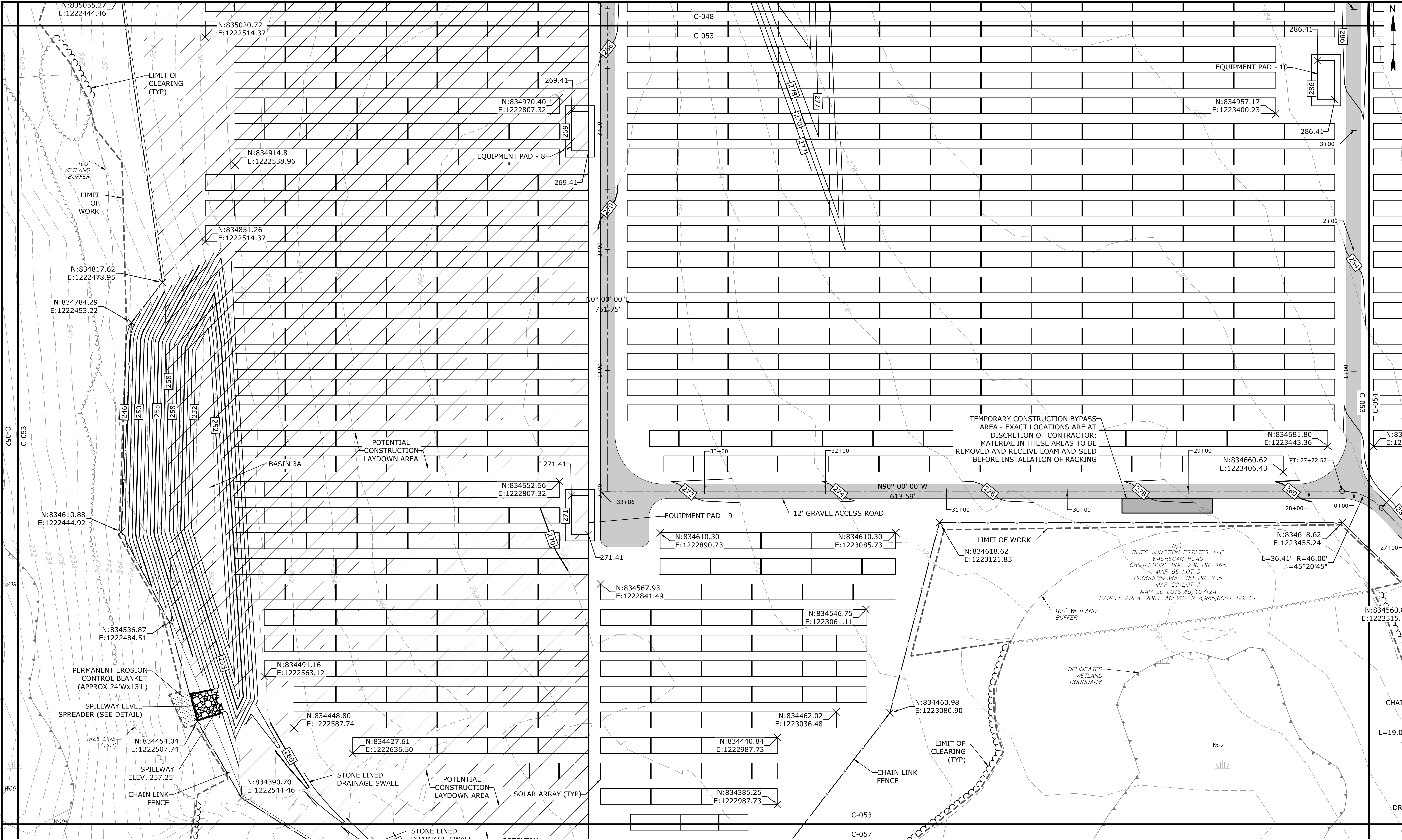
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DATE:	05/2021	
FILE:	Quinebaug Proposed Conditions - JFC.dwg	
DRAWN BY:	ALG/JDG	
CHECKED BY:	JMC	
APPROVED:	BSH	

PROPOSED CONDITIONS - 11

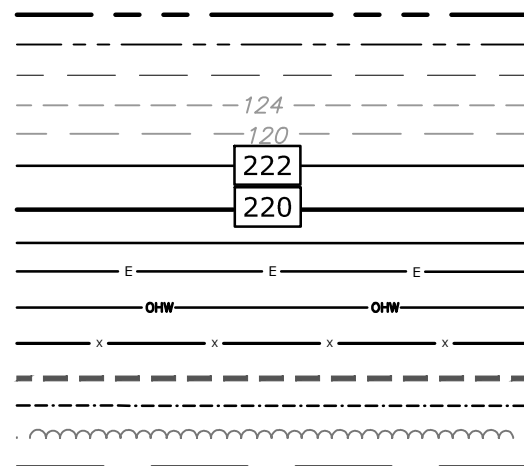
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C-052

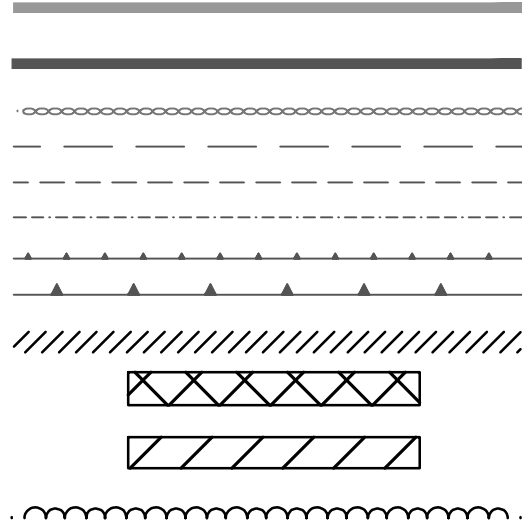
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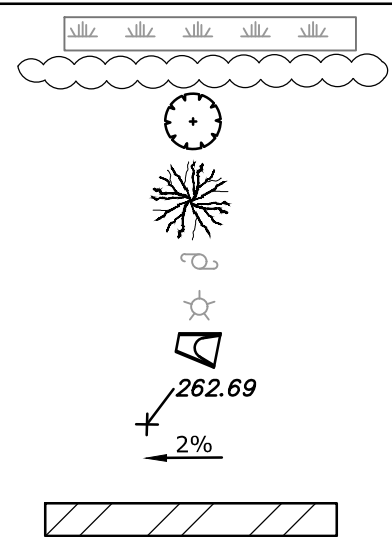
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EASEMENT LINE
EXISTING INTERMEDIATE CONTOURS
EXISTING INDEX CONTOURS
PROPOSED INTERMEDIATE CONTOURS
PROPOSED INDEX CONTOURS
GRAVEL ROAD/DRIVEWAY
UNDERGROUND ELECTRIC LINE
OVERHEAD ELECTRIC LINE
CHAIN LINK FENCE
LIMITS OF WORK
TOWN BOUNDARY
EXISTING TREE LINE
DIRECTIONAL BUFFER / VERNAL POOL
ENVELOPE



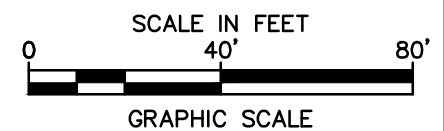
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CULTURAL RESOURCE AREA TO BE AVOIDED
AND PROTECTED DURING CONSTRUCTION
STONE WALL
WETLAND BUFFER
WATERCOURSE BUFFER
DELINEATED WATERCOURSE
VERNAL POOL
DELINEATED WETLAND
REMOVE/REMOVE AND DISPOSE
AREA OF PROPOSED TREE CLEARING -
STUMPS TO REMAIN
AREA OF PROPOSED TREE CLEARING
AND STUMP REMOVAL
LIMIT OF CLEARING



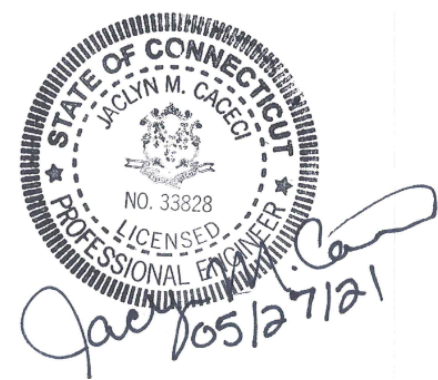
- WETLAND
TIER 1 PLANTINGS
TIER 2 PLANTINGS
TIER 3 PLANTINGS
UTILITY POLE
LIGHT POLE
FLARED END SECTION
SPOT GRADE
MAGNITUDE & DIRECTION OF SLOPE
CONSTRUCTION LAYDOWN AREA



NOTE: BOLD TEXT AND LINES
INDICATE PROPOSED WORK.
LIGHT TEXT AND LINES INDICATE
APPROXIMATE EXISTING
CONDITIONS.



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Canterbury,
Connecticut

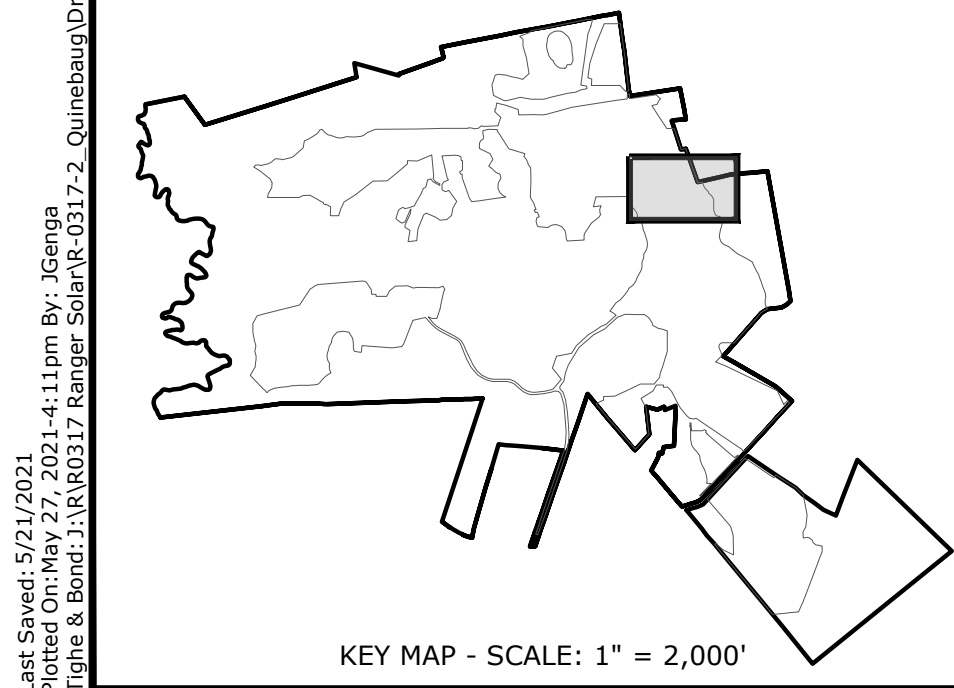
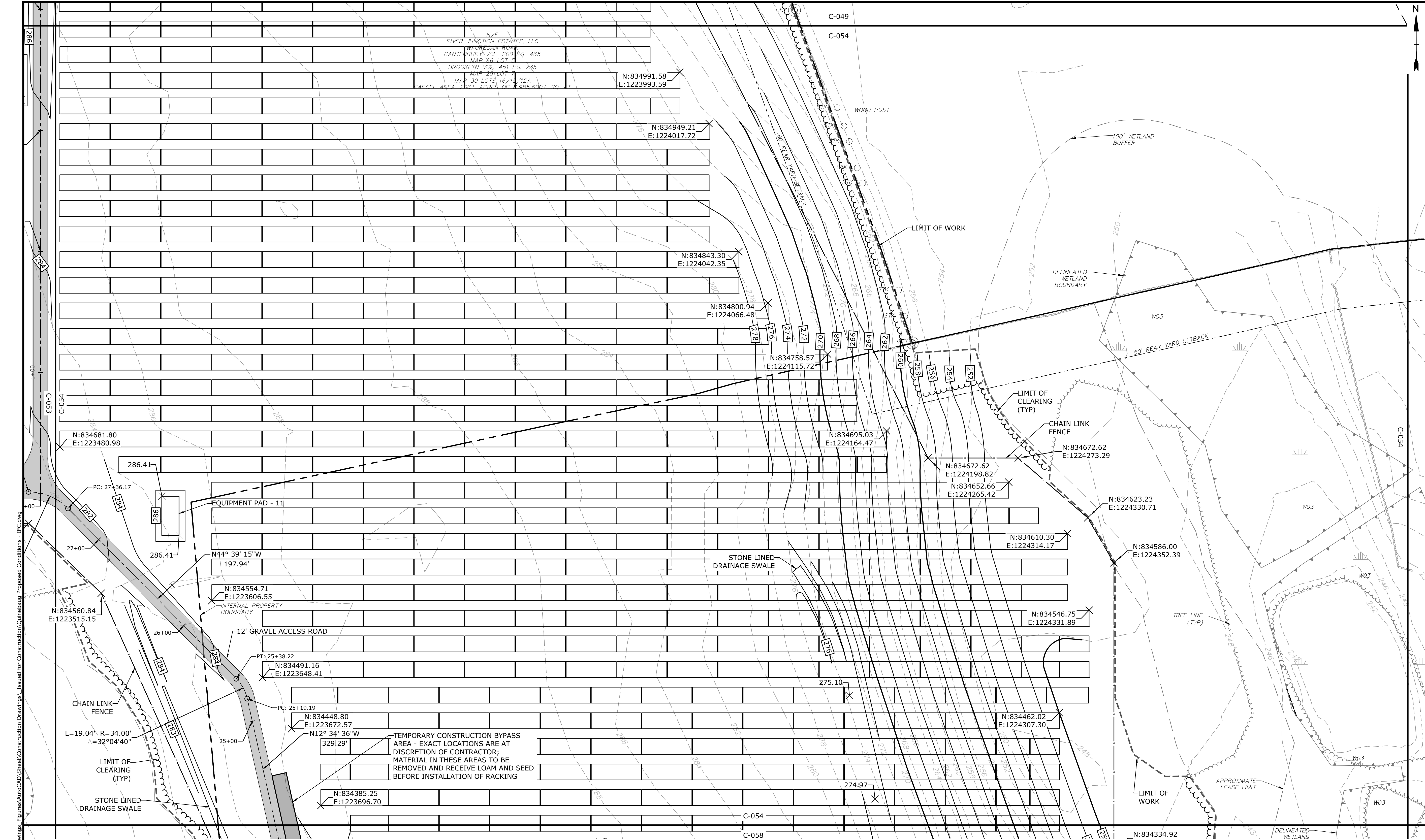
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DATE:	05/20/21	
FILE:	Quinebaug Proposed Conditions - IFC.dwg	
DRAWN BY:	ALG/JDG	
CHECKED:	JMC	
APPROVED:	BSH	

PROPOSED CONDITIONS - 12

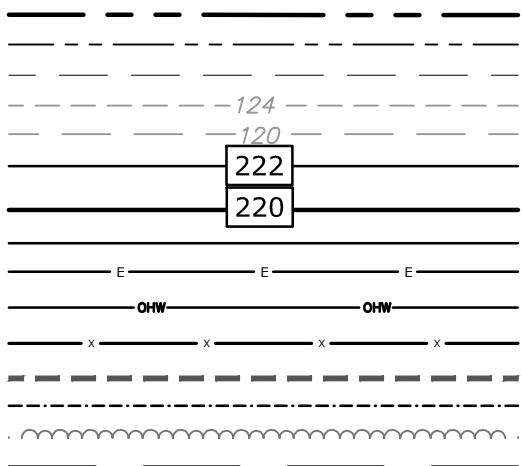
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C-053

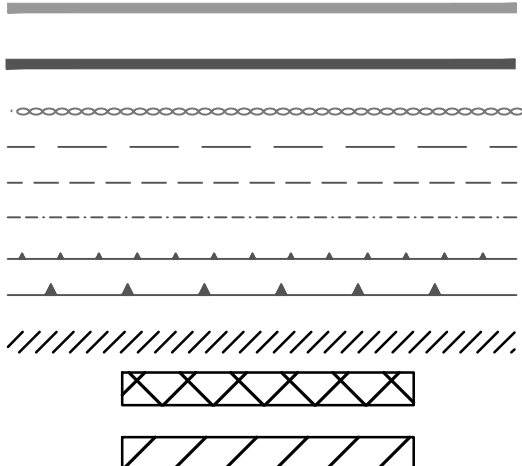


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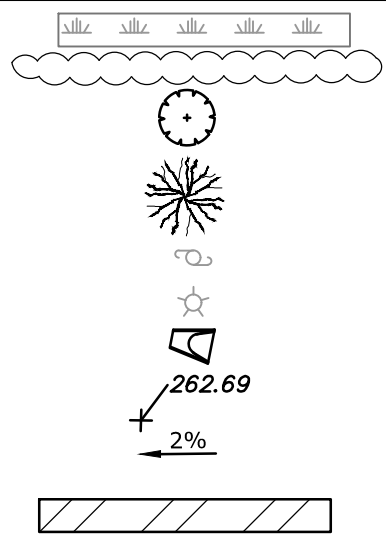
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EASEMENT LINE
EXISTING INTERMEDIATE CONTOURS
EXISTING INDEX CONTOURS
PROPOSED INTERMEDIATE CONTOURS
PROPOSED INDEX CONTOURS
GRAVEL ROAD/DRIVEWAY
UNDERGROUND ELECTRIC LINE
OVERHEAD ELECTRIC LINE
CHAIN LINK FENCE
LIMITS OF WORK
TOWN BOUNDARY
EXISTING TREE LINE
DIRECTIONAL BUFFER / VERNAL POOL
ENVELOPE



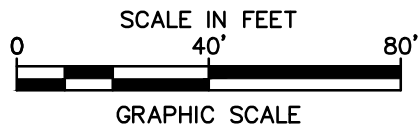
HERPETOFAUNA PROTECTION AREA
CULTURAL RESOURCE AREA TO BE AVOIDED
AND PROTECTED DURING CONSTRUCTION
STONE WALL
WETLAND BUFFER
WATERCOURSE BUFFER
DELINEATED WATERCOURSE
VERNAL POOL
DELINEATED WETLAND
REMOVE/REMOVE AND DISPOSE
AREA OF PROPOSED TREE CLEARING -
STUMPS TO REMAIN
AREA OF PROPOSED TREE CLEARING
AND STUMP REMOVAL
LIMIT OF CLEARING



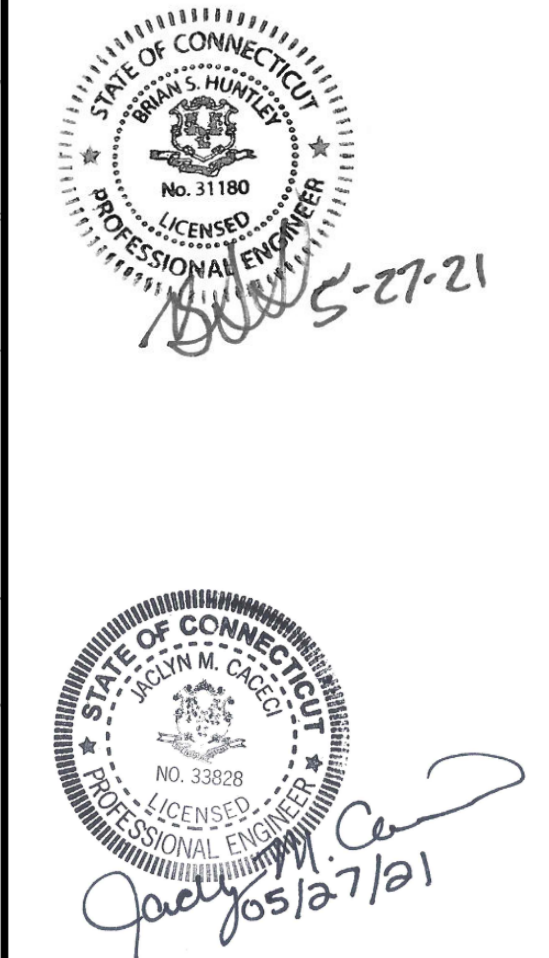
WETLAND
TIER 1 PLANTINGS
TIER 2 PLANTINGS
TIER 3 PLANTINGS
UTILITY POLE
LIGHT POLE
FLARED END SECTION
SPOT GRADE
MAGNITUDE & DIRECTION OF SLOPE
CONSTRUCTION LAYDOWN AREA



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SCALES ACCORDINGLY

MARK	DATE	DESCRIPTION
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DATE: 05/2021		
FILE:Quinebaug Proposed Conditions - IFC.dwg		
DRAWN BY: ALG/JDG		
CHECKED: JMC		
APPROVED: BSH		
PROPOSED CONDITIONS - 13		
SCALE:		1" = 40'
C-054		

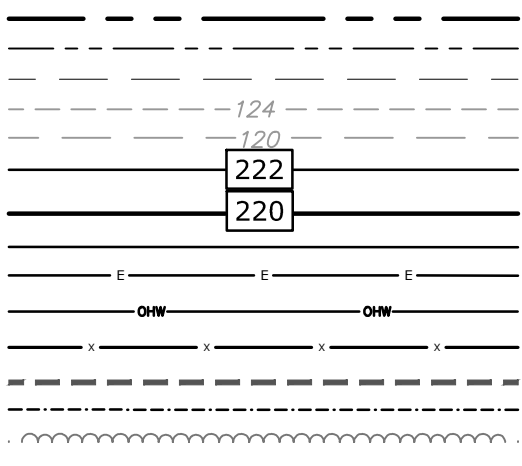
Brooklyn &
Canterbury,
Connecticut

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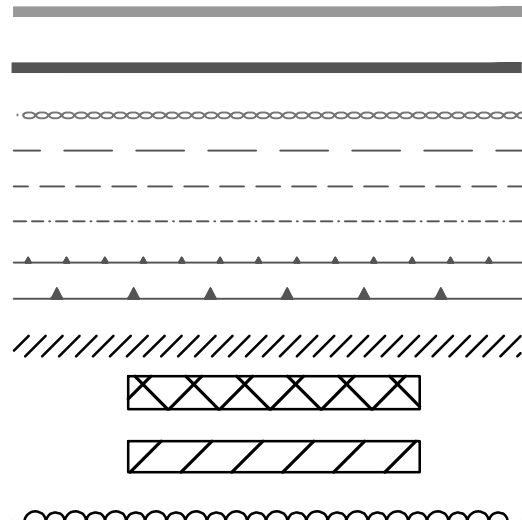
C-055



PROPERTY LINE
PROPERTY LINE SETBACK
EASEMENT LINE
EXISTING INTERMEDIATE CONTOURS
EXISTING INDEX CONTOURS
PROPOSED INTERMEDIATE CONTOURS
PROPOSED INDEX CONTOURS
GRAVEL ROAD/DRIVEWAY
UNDERGROUND ELECTRIC LINE
OVERHEAD ELECTRIC LINE
CHAIN LINK FENCE
LIMITS OF WORK
TOWN BOUNDARY
EXISTING TREE LINE
DIRECTIONAL BUFFER / VERNAL POOL
ENVELOPE



HERPETOFAUNA PROTECTION AREA
CULTURAL RESOURCE AREA TO BE AVOIDED
AND PROTECTED DURING CONSTRUCTION
STONE WALL
WETLAND BUFFER
WATERCOURSE BUFFER
DELINEATED WATERCOURSE
VERNAL POOL
DELINEATED WETLAND
REMOVE/REMOVE AND DISPOSE
AREA OF PROPOSED TREE CLEARING -
STUMPS TO REMAIN
AREA OF PROPOSED TREE CLEARING
AND STUMP REMOVAL
LIMIT OF CLEARING

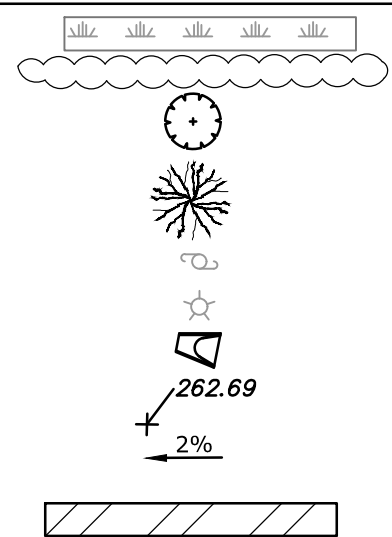


WETLAND
TIER 1 PLANTINGS
TIER 2 PLANTINGS
TIER 3 PLANTINGS

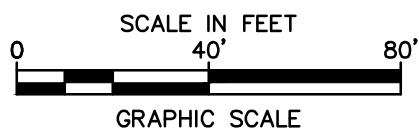
UTILITY POLE
LIGHT POLE
FLARED END SECTION

SPOT GRADE
MAGNITUDE & DIRECTION OF SLOPE

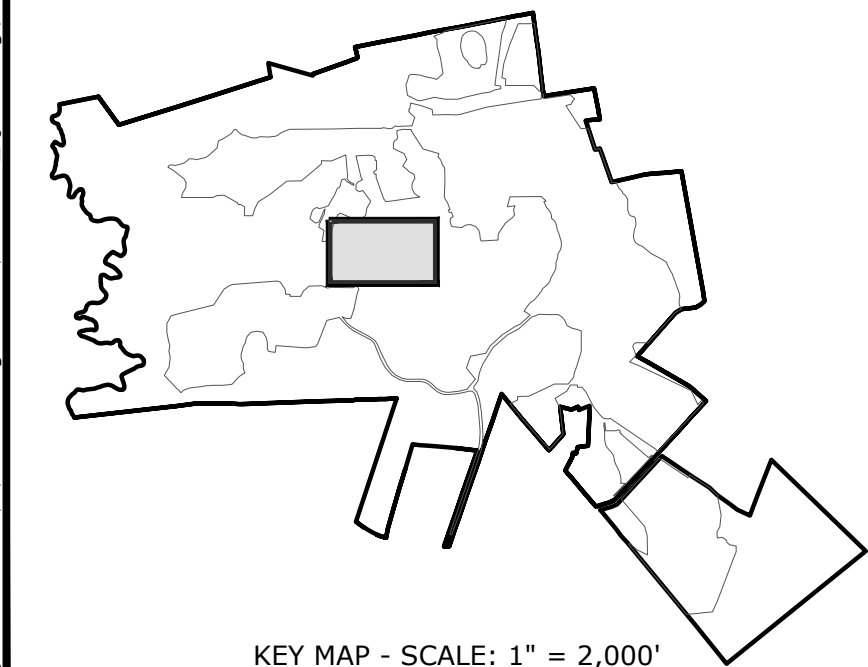
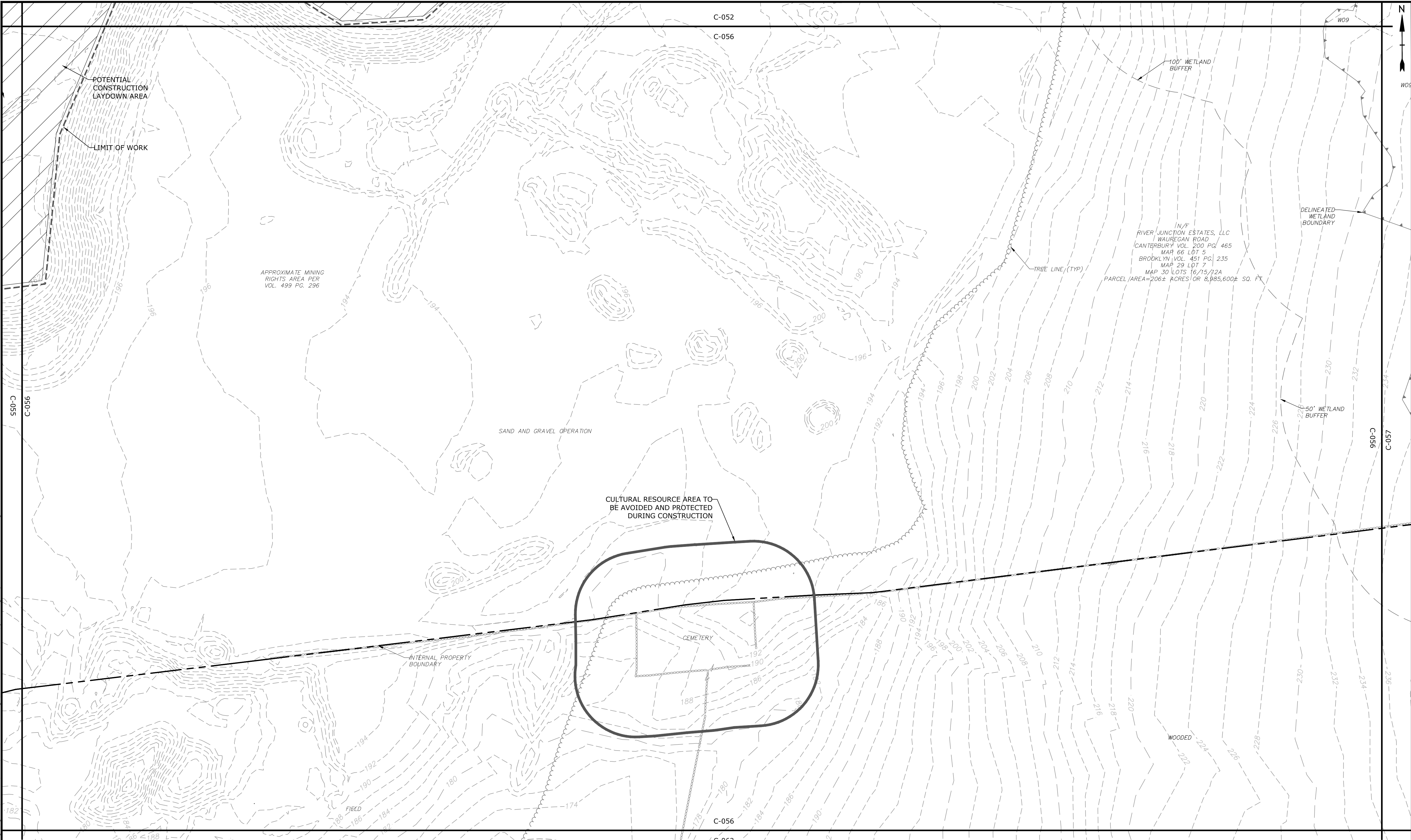
CONSTRUCTION LAYDOWN AREA



NOTE: BOLD TEXT AND LINES
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CONDITIONS.



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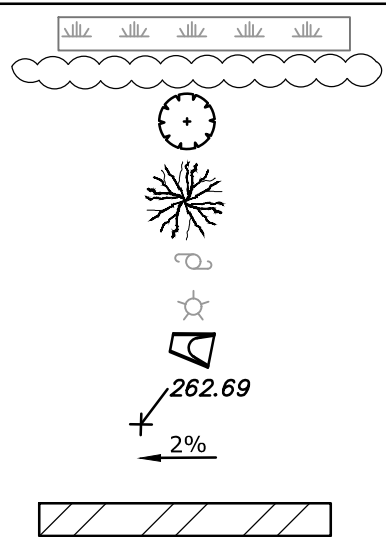


LEGEND

PROPERTY LINE
 PROPERTY LINE SETBACK
 EASEMENT LINE
 EXISTING INTERMEDIATE CONTOURS
 EXISTING INDEX CONTOURS
 PROPOSED INTERMEDIATE CONTOURS
 PROPOSED INDEX CONTOURS
 GRAVEL ROAD/DRIVEWAY
 UNDERGROUND ELECTRIC LINE
 OVERHEAD ELECTRIC LINE
 CHAIN LINK FENCE
 LIMITS OF WORK
 TOWN BOUNDARY
 EXISTING TREE LINE
 DIRECTIONAL BUFFER / VERNAL POOL
 ENVELOPE

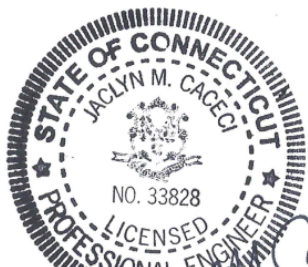
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 CULTURAL RESOURCE AREA TO BE AVOIDED
 AND PROTECTED DURING CONSTRUCTION
 STONE WALL
 WETLAND BUFFER
 WATERCOURSE BUFFER
 DELINEATED WATERCOURSE
 VERNAL POOL
 DELINEATED WETLAND
 REMOVE/REMOVE AND DISPOSE
 AREA OF PROPOSED TREE CLEARING -
 STUMPS TO REMAIN
 AREA OF PROPOSED TREE CLEARING
 AND STUMP REMOVAL
 LIMIT OF CLEARING

WETLAND
 TIER 1 PLANTINGS
 TIER 2 PLANTINGS
 TIER 3 PLANTINGS
 UTILITY POLE
 LIGHT POLE
 FLARED END SECTION
 SPOT GRADE
 MAGNITUDE & DIRECTION OF SLOPE
 CONSTRUCTION LAYDOWN AREA



NOTE: BOLD TEXT AND LINES
 INDICATE PROPOSED WORK.
 LIGHT TEXT AND LINES INDICATE
 APPROXIMATE EXISTING
 CONDITIONS.

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Canterbury,
Connecticut

VERIFY SCALE

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MARK	DATE	DESCRIPTION
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DATE:	05/2021	
FILE:	Quinebaug Proposed Conditions - IFC.dwg	
DRAWN BY:	ALG/JDG	
CHECKED:	JMC	
APPROVED:	BSH	


PROPOSED CONDITIONS - 15

SCALE: 1" = 40'

C-056

Quinebaug Solar Project

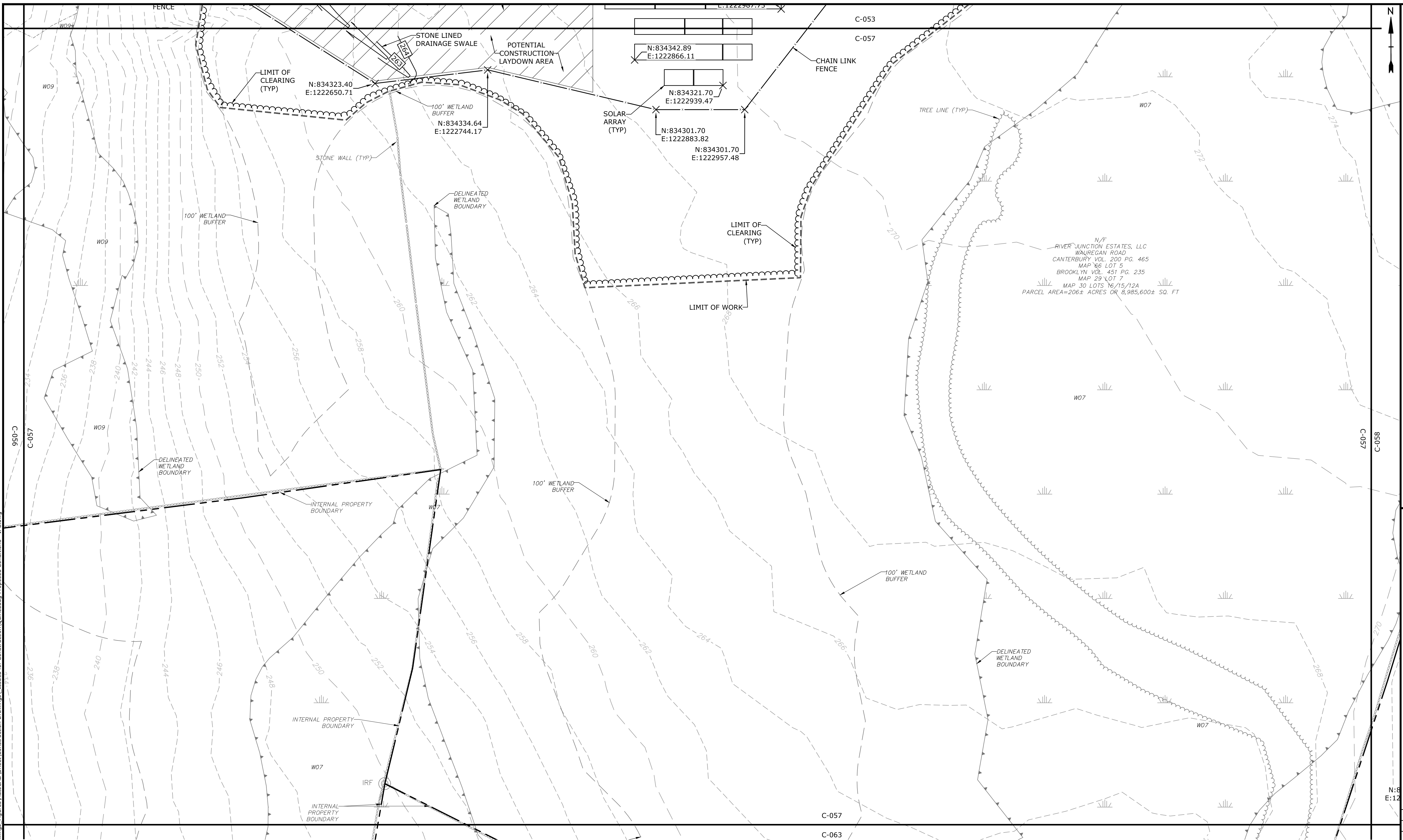
Brooklyn &
Canterbury,
Connecticut

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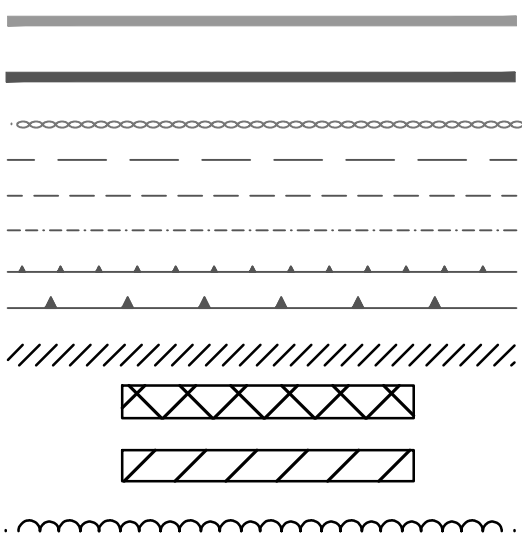
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DRAWN BY:		ALG/JDG
CHECKED:		JMC
APPROVED:		BSH

SCALE: $1'' = 40'$

C-057



HERPETOFAUNA PROTECTION AREA
CULTURAL RESOURCE AREA TO BE AVOIDED
AND PROTECTED DURING CONSTRUCTION
STONE WALL
WETLAND BUFFER
WATERCOURSE BUFFER
DELINEATED WATERCOURSE
VERNAL POOL
DELINEATED WETLAND
REMOVE/REMOVE AND DISPOSE
AREA OF PROPOSED TREE CLEARING -
STUMPS TO REMAIN
AREA OF PROPOSED TREE CLEARING
AND STUMP REMOVAL
LIMIT OF CLEARING

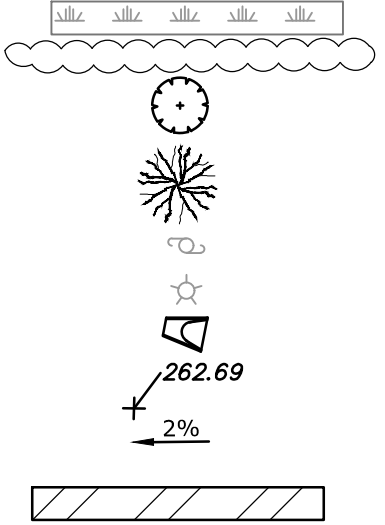


WETLAND
TIER 1 PLANTINGS
TIER 2 PLANTINGS
TIER 3 PLANTINGS

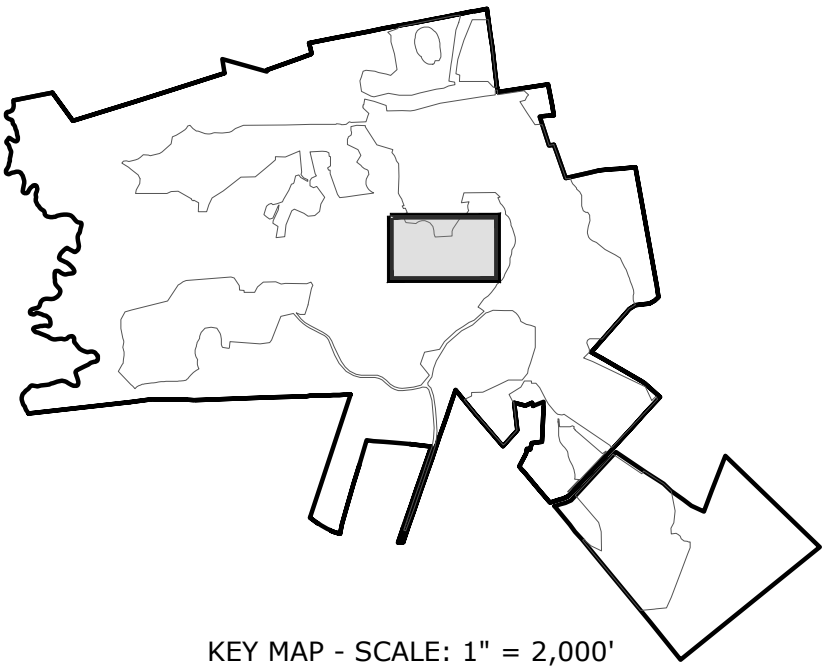
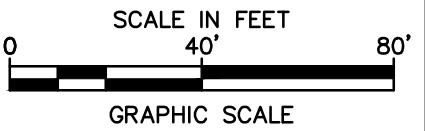
UTILITY POLE
LIGHT POLE
FLARED END SECTION

SPOT GRADE
MAGNITUDE & DIRECTION OF SLOPE

CONSTRUCTION LAYDOWN AREA

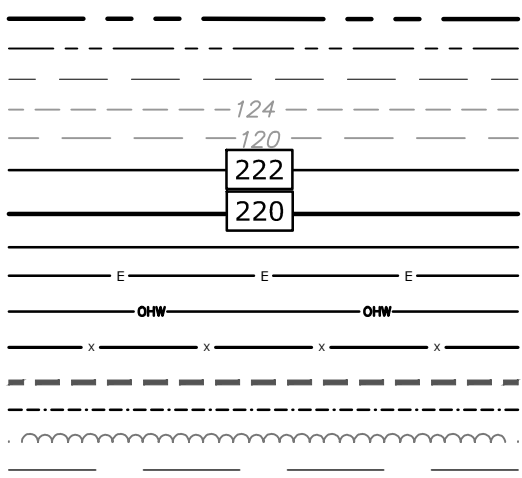


NOTE: BOLD TEXT AND LINES
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CONDITIONS.

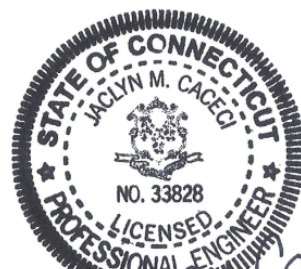


KEY MAP - SCALE: 1" = 2,000'

PROPERTY LINE
PROPERTY LINE SETBACK
EASEMENT LINE
EXISTING INTERMEDIATE CONTOURS
EXISTING INDEX CONTOURS
PROPOSED INTERMEDIATE CONTOURS
PROPOSED INDEX CONTOURS
GRAVEL ROAD/DRIVEWAY
UNDERGROUND ELECTRIC LINE
OVERHEAD ELECTRIC LINE
CHAIN LINK FENCE
LIMITS OF WORK
TOWN BOUNDARY
EXISTING TREE LINE
DIRECTIONAL BUFFER / VERNAL POOL
ENVELOPE



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Solar Project

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Solar, LLC

Brooklyn &
Canterbury,
Connecticut

VERIFY SCALE

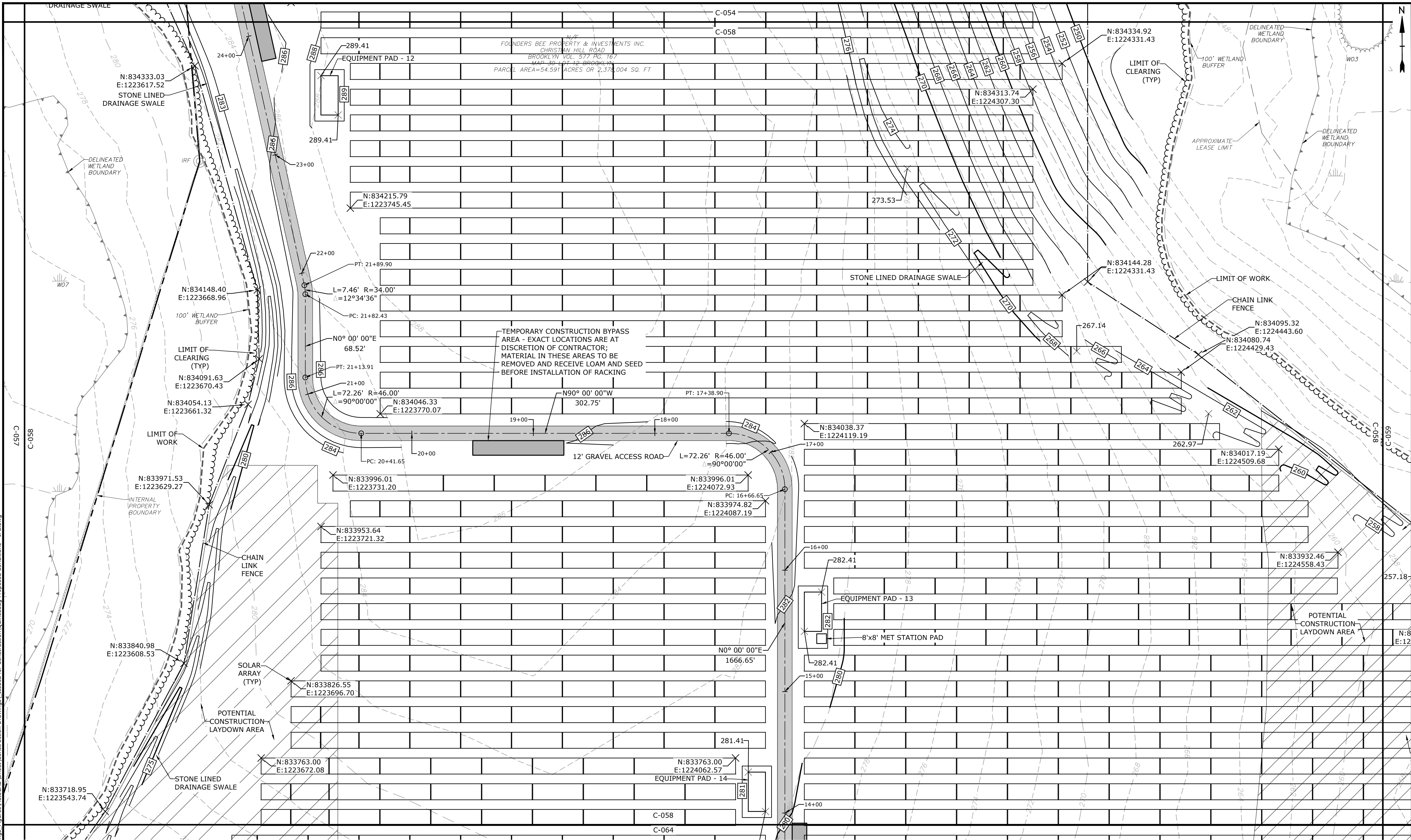
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MARK	DATE	DESCRIPTION
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DATE:	05/20/21	
FILE:	Quinebaug Proposed Conditions - IFC.dwg	
DRAWN BY:	ALG/JDG	
CHECKED BY:	JMC	
APPROVED:	BSH	

PROPOSED CONDITIONS - 17

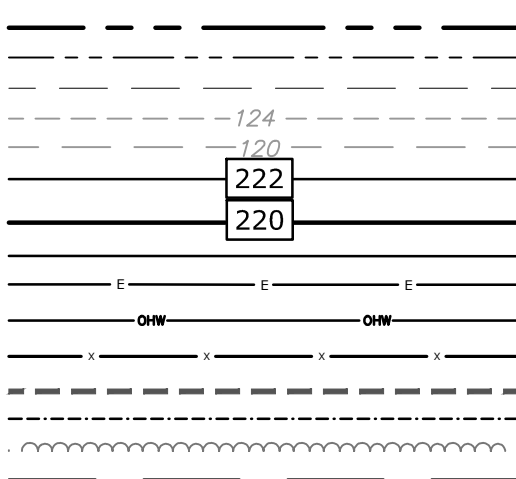
SCALE: 1" = 40'

C-058

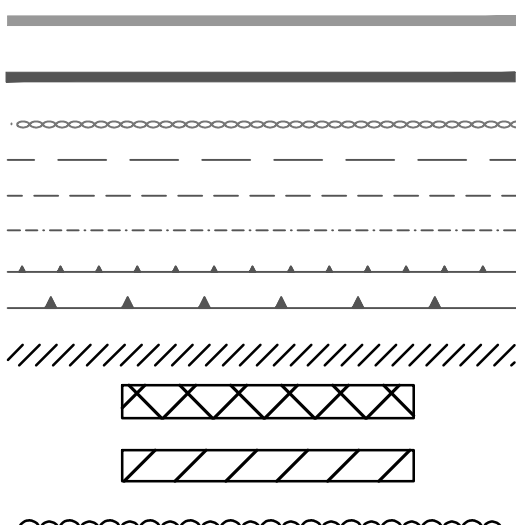


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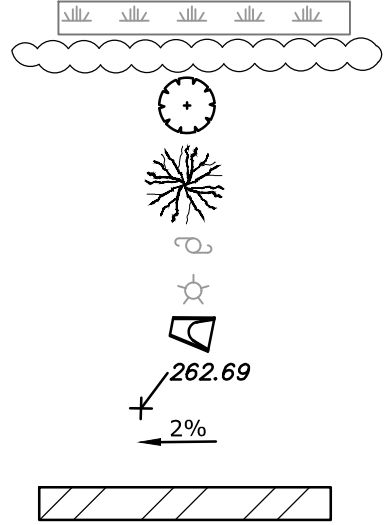
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PROPERTY LINE SETBACK
EASEMENT LINE
EXISTING INTERMEDIATE CONTOURS
EXISTING INDEX CONTOURS
PROPOSED INTERMEDIATE CONTOURS
PROPOSED INDEX CONTOURS
GRAVEL ROAD/DRIVEWAY
UNDERGROUND ELECTRIC LINE
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LIMITS OF WORK
TOWN BOUNDARY
EXISTING TREE LINE
DIRECTIONAL BUFFER / VERNAL POOL
ENVELOPE



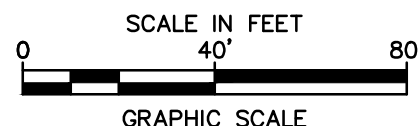
HERPETOFAUNA PROTECTION AREA
CULTURAL RESOURCE AREA TO BE AVOIDED
AND PROTECTED DURING CONSTRUCTION
STONE WALL
WETLAND BUFFER
WATERCOURSE BUFFER
DELINEATED WATERCOURSE
VERNAL POOL
DELINEATED WETLAND
REMOVE/REMOVE AND DISPOSE
AREA OF PROPOSED TREE CLEARING -
STUMPS TO REMAIN
AREA OF PROPOSED TREE CLEARING
AND STUMP REMOVAL
LIMIT OF CLEARING



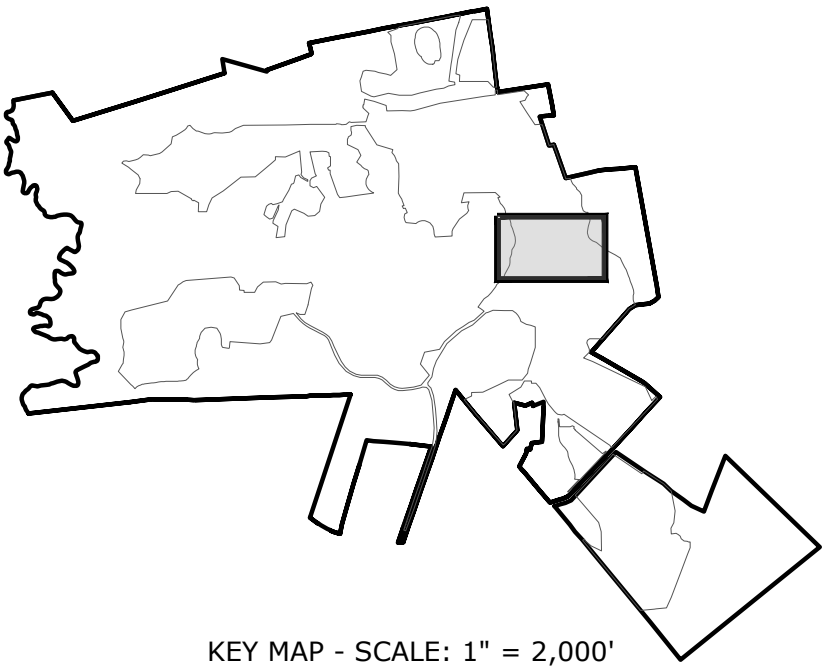
WETLAND
TIER 1 PLANTINGS
TIER 2 PLANTINGS
TIER 3 PLANTINGS
UTILITY POLE
LIGHT POLE
FLARED END SECTION
SPOT GRADE
MAGNITUDE & DIRECTION OF SLOPE
CONSTRUCTION LAYDOWN AREA

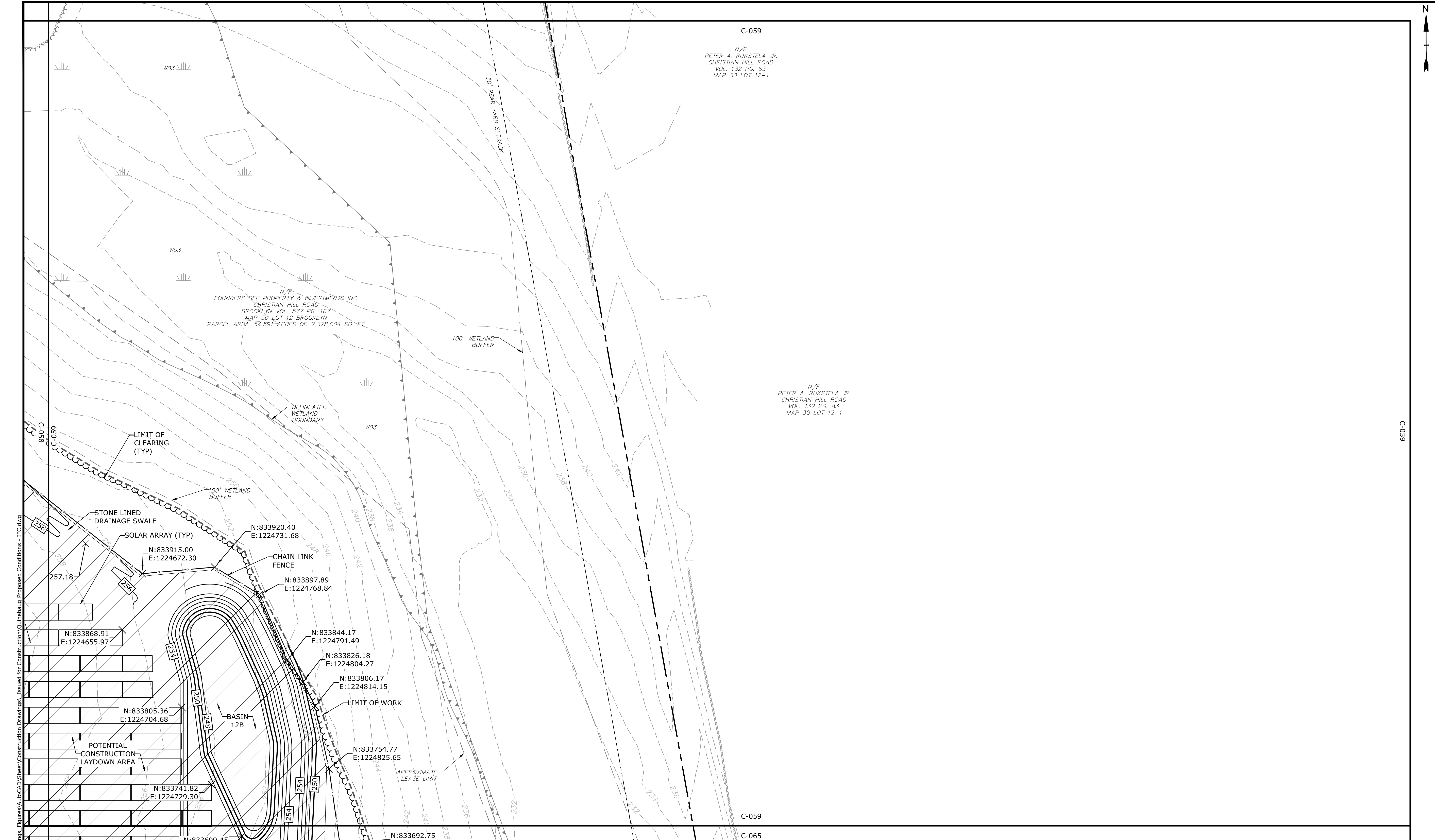


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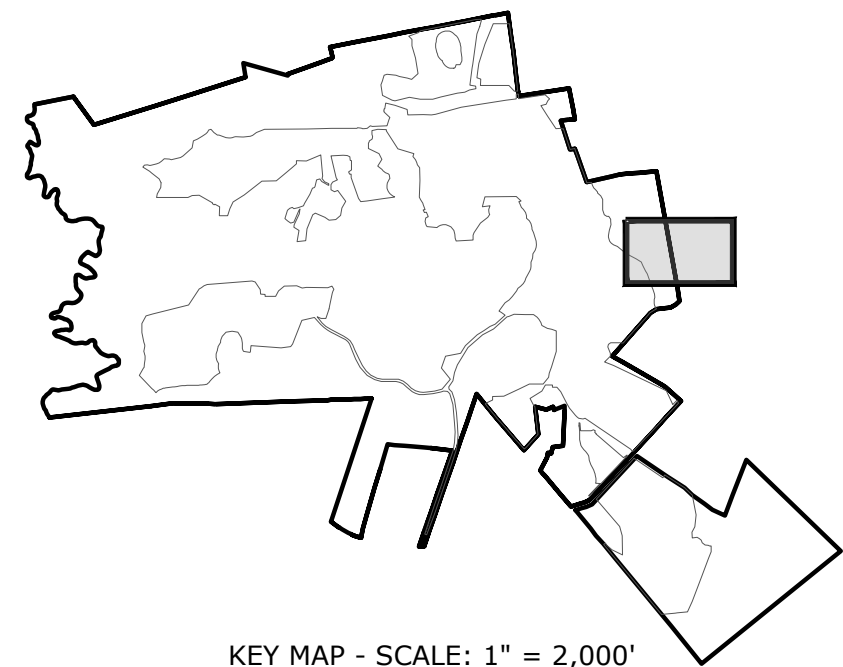


KEY MAP - SCALE: 1" = 2,000'

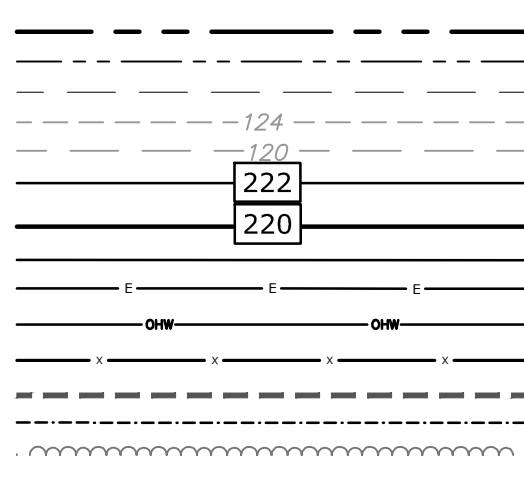




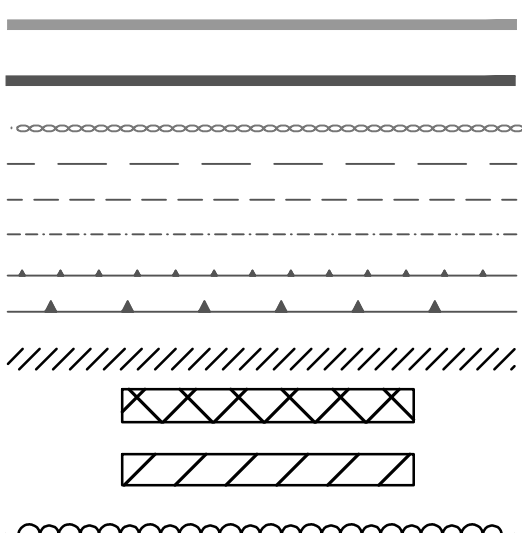
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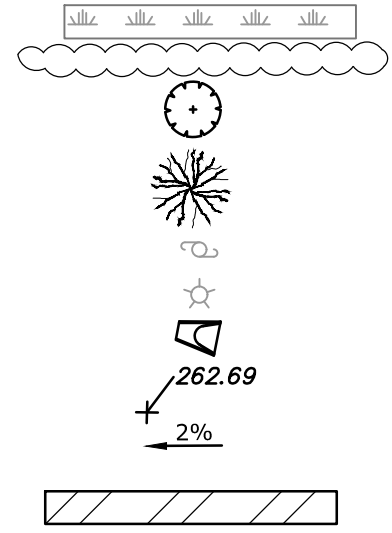
PROPERTY LINE
PROPERTY LINE SETBACK
EASEMENT LINE
EXISTING INTERMEDIATE CONTOURS
EXISTING INDEX CONTOURS
PROPOSED INTERMEDIATE CONTOURS
PROPOSED INDEX CONTOURS
GRAVEL ROAD/DRIVEWAY
UNDERGROUND ELECTRIC LINE
OVERHEAD ELECTRIC LINE
CHAIN LINK FENCE
LIMITS OF WORK
TOWN BOUNDARY
EXISTING TREE LINE
DIRECTIONAL BUFFER / VERNAL POOL
ENVELOPE



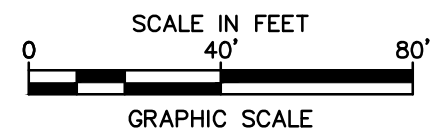
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CULTURAL RESOURCE AREA TO BE AVOIDED
AND PROTECTED DURING CONSTRUCTION
STONE WALL
WETLAND BUFFER
WATERCOURSE BUFFER
DELINEATED WATERCOURSE
VERNAL POOL
DELINEATED WETLAND
REMOVE/REMOVE AND DISPOSE
AREA OF PROPOSED TREE CLEARING -
STUMPS TO REMAIN
AREA OF PROPOSED TREE CLEARING
AND STUMP REMOVAL
LIMIT OF CLEARING



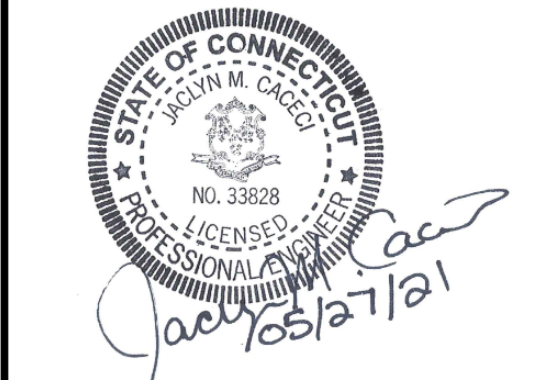
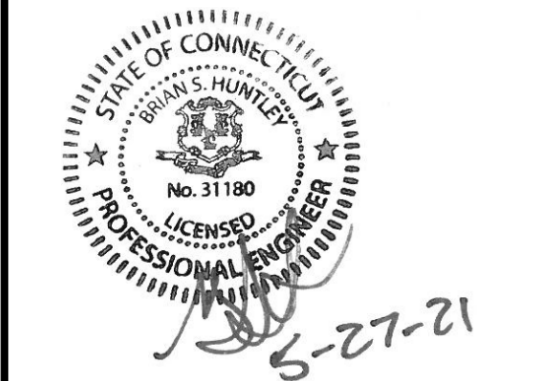
WETLAND
TIER 1 PLANTINGS
TIER 2 PLANTINGS
TIER 3 PLANTINGS
UTILITY POLE
LIGHT POLE
FLARED END SECTION
SPOT GRADE
MAGNITUDE & DIRECTION OF SLOPE
CONSTRUCTION LAYDOWN AREA



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Solar Project**

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Solar, LLC

Brooklyn &
Canterbury,
Connecticut

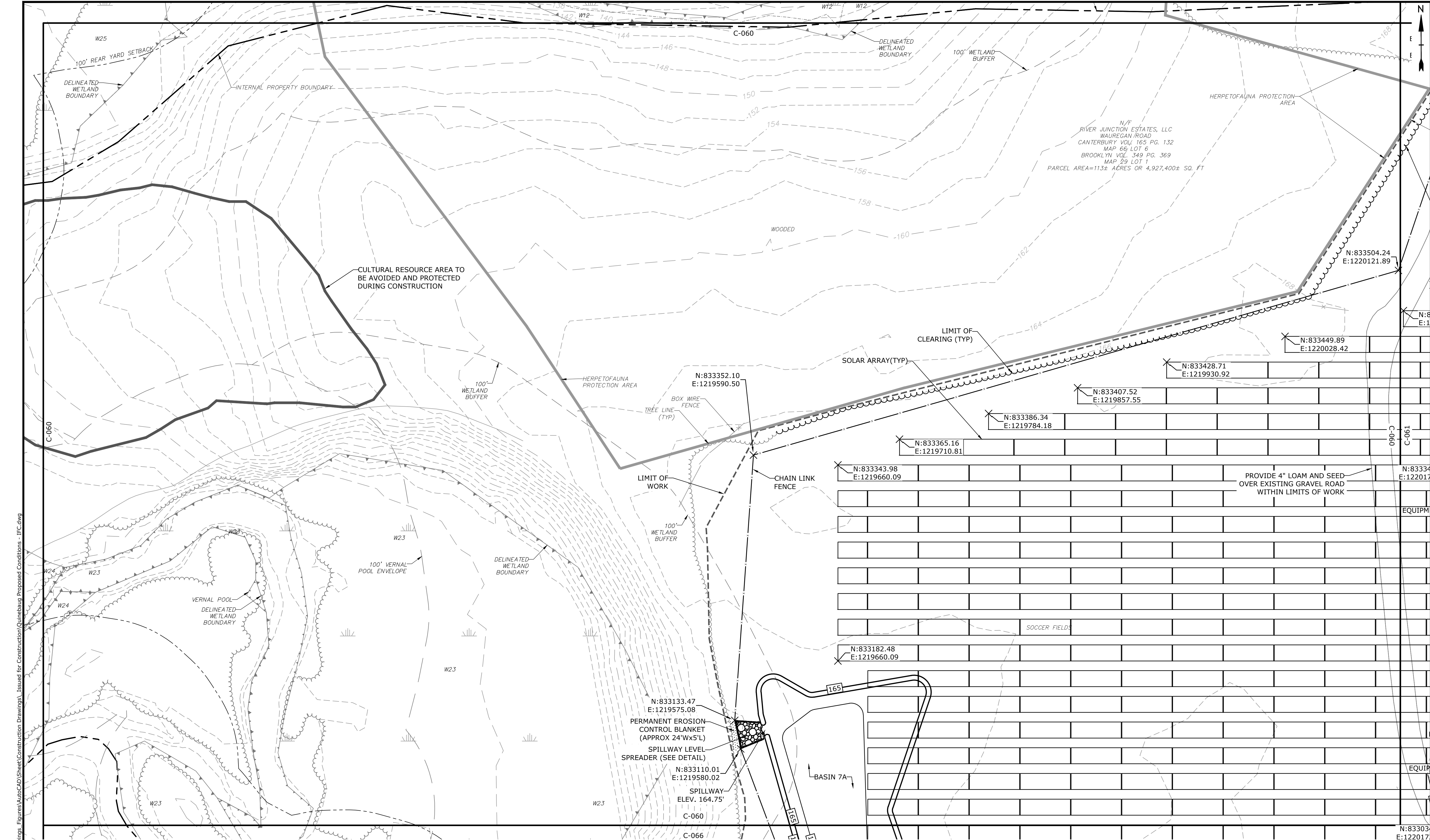
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THIS SHEET, ADJUST
SCALES ACCORDINGLY

MARK	DATE	DESCRIPTION
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DATE:	05/2021	
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CHECKED:	JMC	
APPROVED:	BSH	

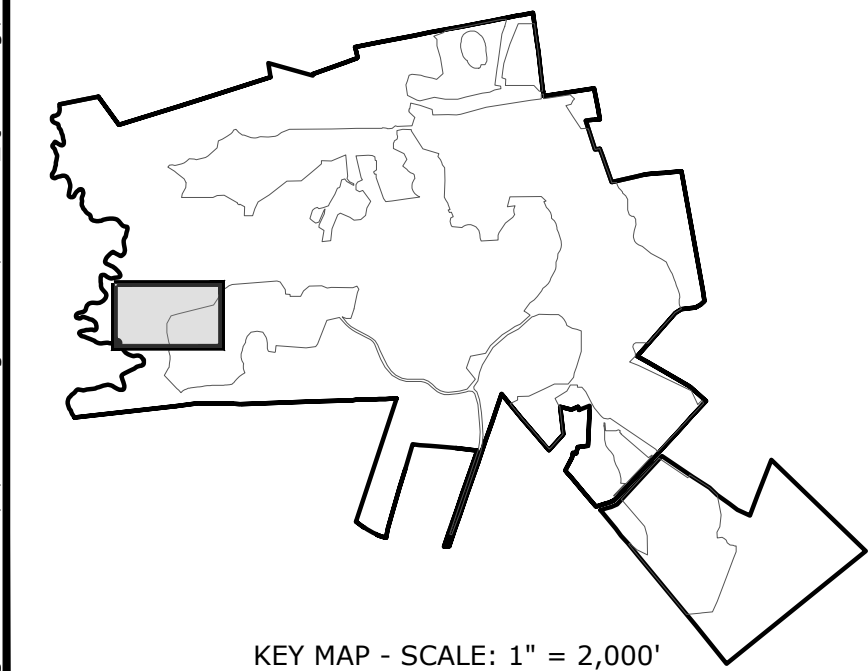
PROPOSED CONDITIONS - 18

SCALE: 1" = 40'

C-059



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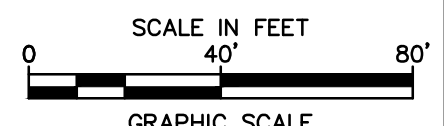


PROPERTY LINE	-----
PROPERTY LINE SETBACK	-----
EASEMENT LINE	-----
EXISTING INTERMEDIATE CONTOURS	-----
EXISTING INDEX CONTOURS	-----
PROPOSED INTERMEDIATE CONTOURS	-----
PROPOSED INDEX CONTOURS	-----
GRAVEL ROAD/DRIVEWAY	-----
UNDERGROUND ELECTRIC LINE	-----
OVERHEAD ELECTRIC LINE	-----
CHAIN LINK FENCE	-----
LIMITS OF WORK	-----
TOWN BOUNDARY	-----
EXISTING TREE LINE	-----
DIRECTIONAL BUFFER / VERNAL POOL ENVELOPE	-----

HERPETOFAUNA PROTECTION AREA	-----
CULTURAL RESOURCE AREA TO BE AVOIDED AND PROTECTED DURING CONSTRUCTION	-----
STONE WALL	-----
WETLAND BUFFER	-----
WATERCOURSE BUFFER	-----
DELINEATED WATERCOURSE	-----
VERNAL POOL	-----
DELINEATED WETLAND	-----
REMOVE/REMOVE AND DISPOSE	-----
AREA OF PROPOSED TREE CLEARING - STUMPS TO REMAIN	-----
AREA OF PROPOSED TREE CLEARING AND STUMP REMOVAL	-----
LIMIT OF CLEARING	-----

WETLAND	-----
TIER 1 PLANTINGS	-----
TIER 2 PLANTINGS	-----
TIER 3 PLANTINGS	-----
UTILITY POLE	-----
LIGHT POLE	-----
FLARED END SECTION	-----
SPOT GRADE	-----
MAGNITUDE & DIRECTION OF SLOPE	-----
CONSTRUCTION LAYDOWN AREA	-----

NOTE: BOLD TEXT AND LINES INDICATE PROPOSED WORK. LIGHT TEXT AND LINES INDICATE APPROXIMATE EXISTING CONDITIONS.



Tighe&Bond

1505-27-21

ISSUED FOR CONSTRUCTION

Quinebaug Solar Project

Quinebaug Solar, LLC

Brooklyn & Canterbury, Connecticut

VERIFY SCALE

BAR IS 1 INCH ON ORIGINAL DRAWING

0 1 INCH

IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

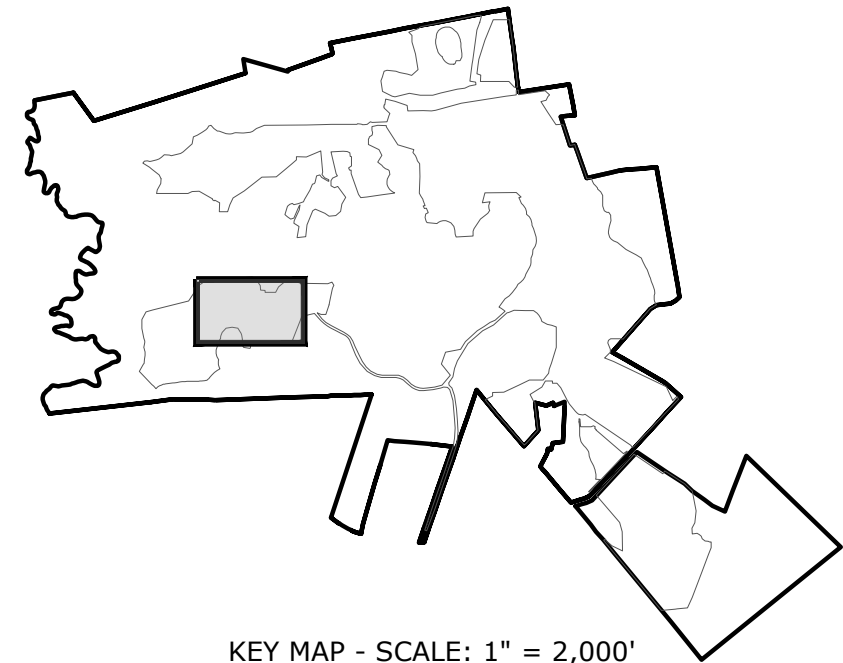
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PROJECT NO:	R0317	
DATE:	05/2021	
FILE:	Quinebaug Proposed Conditions - IFC.dwg	
DRAWN BY:	ALG/JDG	
CHECKED:	JMC	
APPROVED:	BSH	

PROPOSED CONDITIONS - 19

SCALE: 1" = 40'

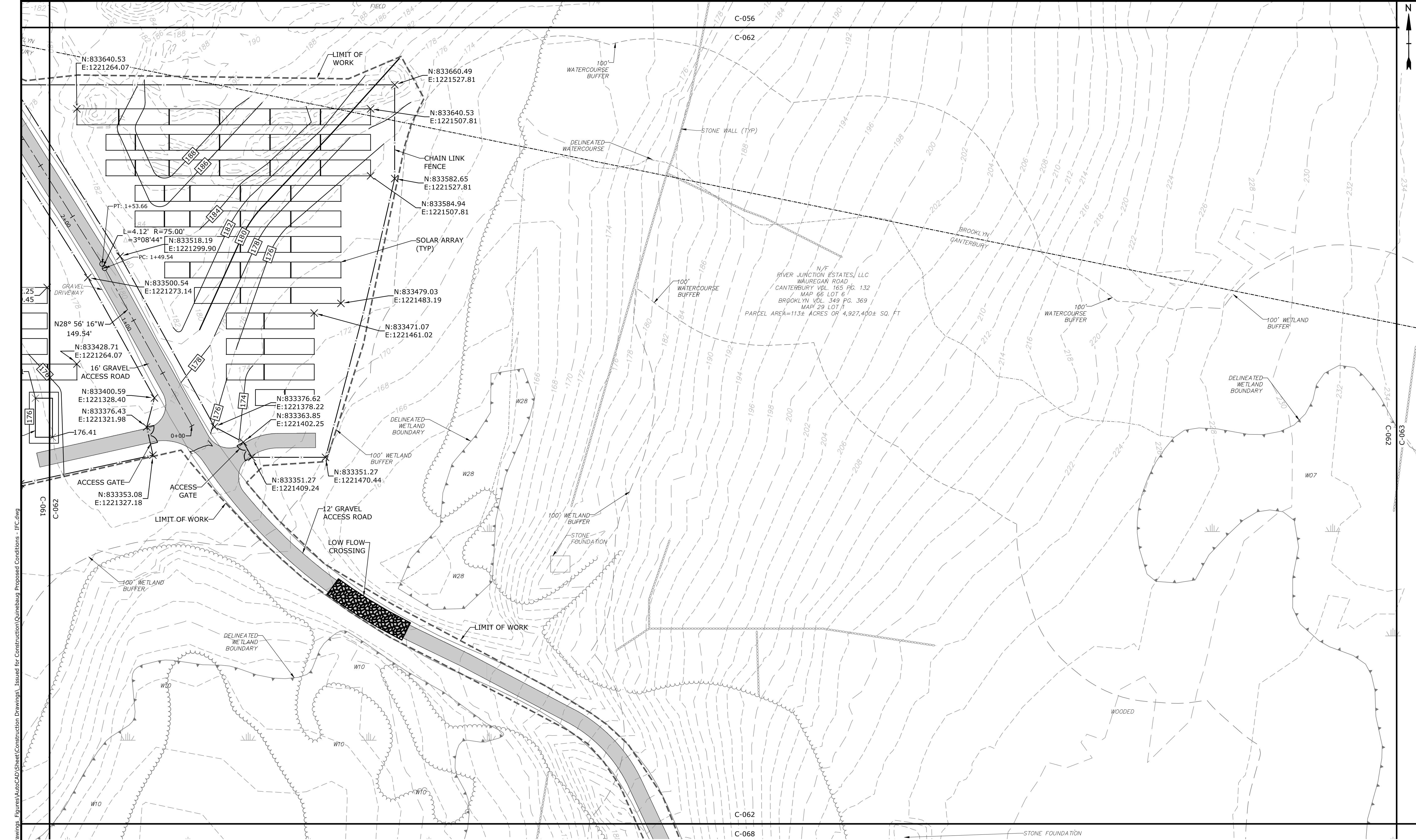
C-060

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THIS SHEET, ADJUST
SCALES ACCORDINGLY

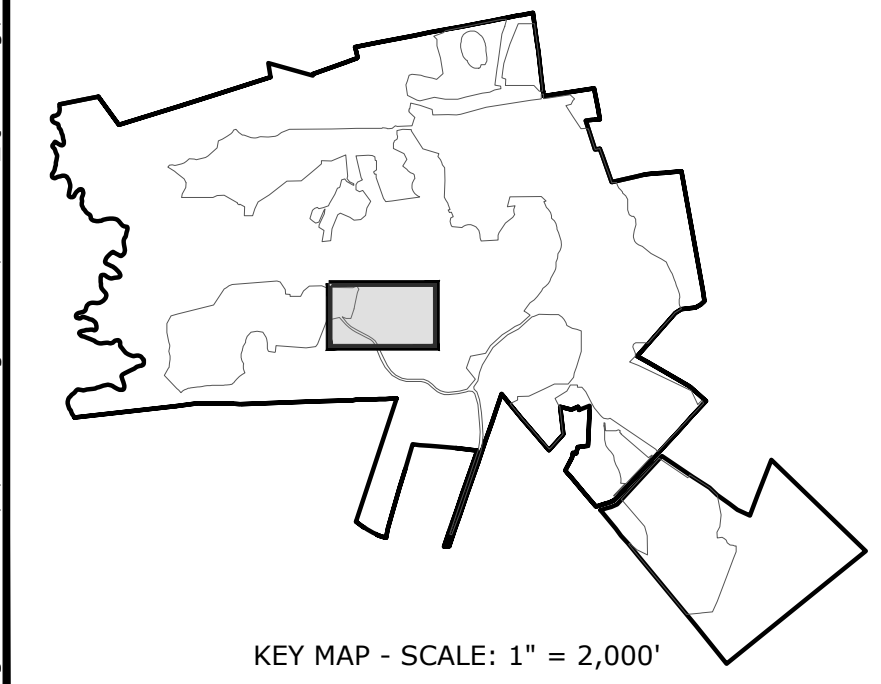
C-061

The diagram illustrates the addition of 124 and 120. The number 124 is written above the number 120. Below them, the sum 244 is shown, with each digit enclosed in a box. The boxes are arranged vertically: the top row contains '1' and '2'; the middle row contains '2' and '2'; the bottom row contains '4' and '4'. Arrows indicate the carrying process: one arrow points from the rightmost column (units) to the leftmost column (tens), and another arrow points from the middle column (tens) to the leftmost column (hundreds). This visualizes the regrouping of tens into hundreds.

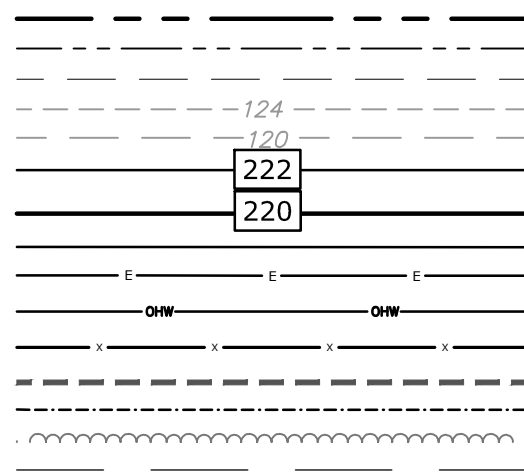
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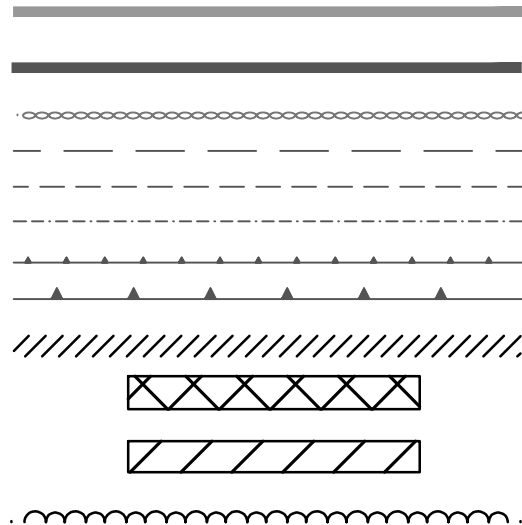
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Plotted On: May 27, 2021 4:37pm BY: Jcenga
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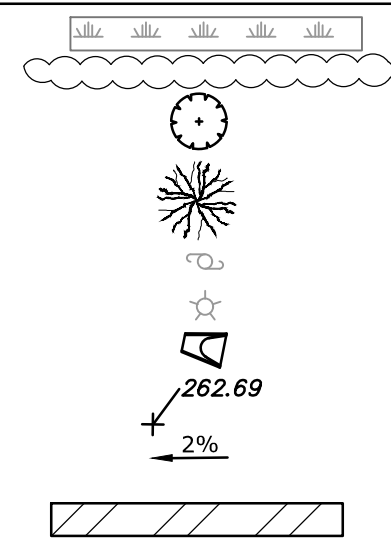
PROPERTY LINE
PROPERTY LINE SETBACK
EASEMENT LINE
EXISTING INTERMEDIATE CONTOURS
EXISTING INDEX CONTOURS
PROPOSED INTERMEDIATE CONTOURS
PROPOSED INDEX CONTOURS
GRAVEL ROAD/DRIVEWAY
UNDERGROUND ELECTRIC LINE
OVERHEAD ELECTRIC LINE
CHAIN LINK FENCE
LIMITS OF WORK
TOWN BOUNDARY
EXISTING TREE LINE
DIRECTIONAL BUFFER / VERNAL POOL
ENVELOPE



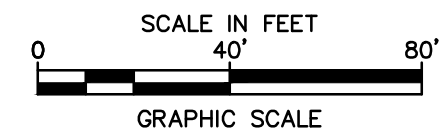
HERPETOFAUNA PROTECTION AREA
CULTURAL RESOURCE AREA TO BE AVOIDED
AND PROTECTED DURING CONSTRUCTION
STONE WALL
WETLAND BUFFER
WATERCOURSE BUFFER
DELINEATED WATERCOURSE
VERNAL POOL
DELINEATED WETLAND
REMOVE/REMOVE AND DISPOSE
AREA OF PROPOSED TREE CLEARING -
STUMPS TO REMAIN
AREA OF PROPOSED TREE CLEARING
AND STUMP REMOVAL
LIMIT OF CLEARING



WETLAND
TIER 1 PLANTINGS
TIER 2 PLANTINGS
TIER 3 PLANTINGS
UTILITY POLE
LIGHT POLE
FLARED END SECTION
SPOT GRADE
MAGNITUDE & DIRECTION OF SLOPE
CONSTRUCTION LAYDOWN AREA



NOTE: BOLD TEXT AND LINES
INDICATE PROPOSED WORK.
LIGHT TEXT AND LINES INDICATE
APPROXIMATE EXISTING
CONDITIONS.



ISSUED FOR CONSTRUCTION

Quinebaug Solar Project

Quinebaug Solar, LLC

Brooklyn & Canterbury, Connecticut

VERIFY SCALE
BAR IS 1 INCH ON ORIGINAL DRAWING
0 1 INCH
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

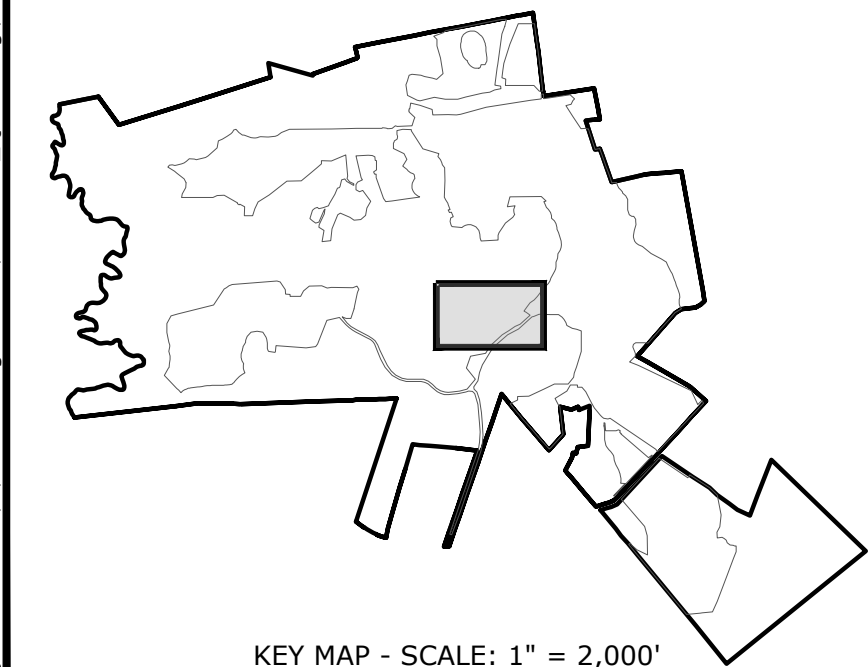
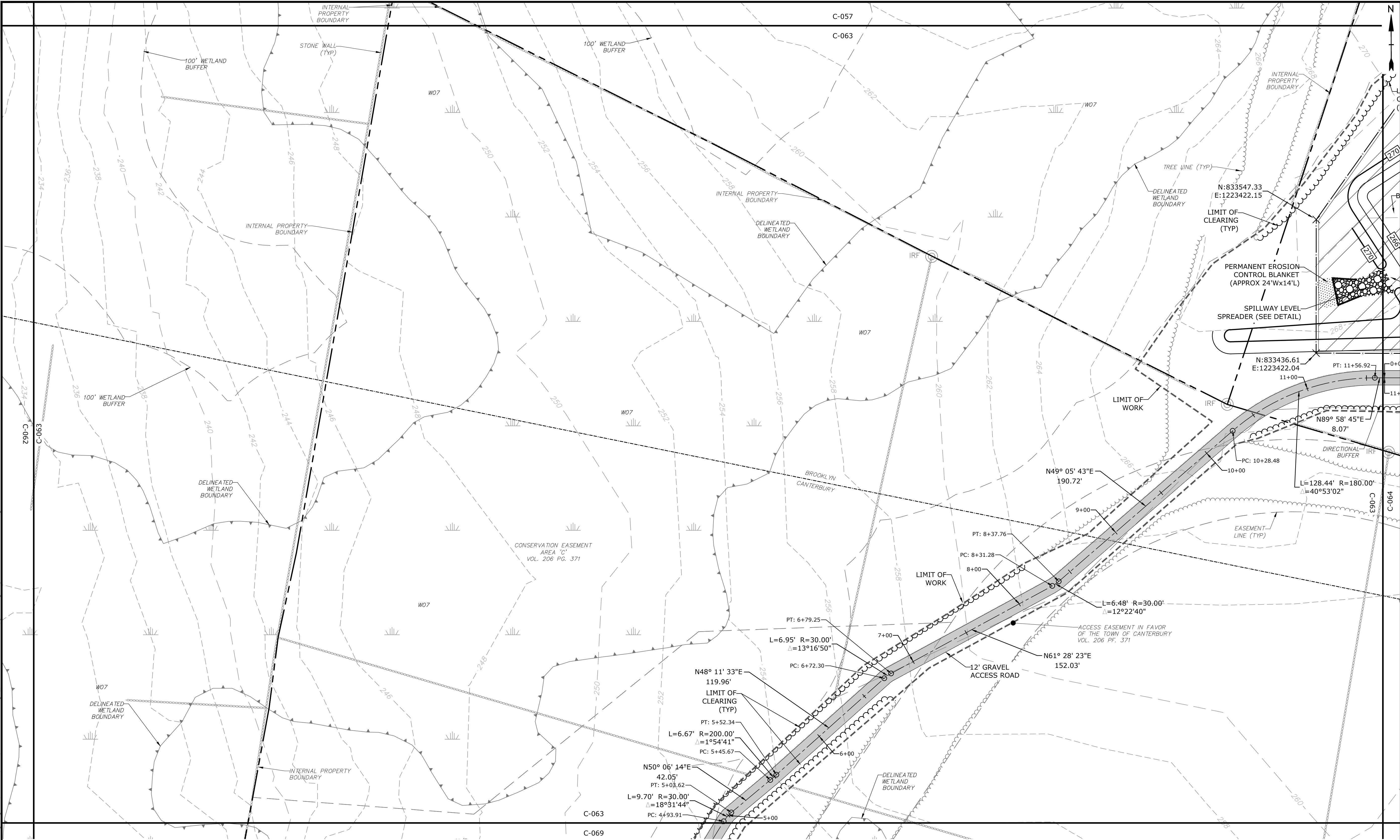
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PROJECT NO: R0317		
DATE: 05/2021		
FILE:Quinebaug Proposed Conditions - IFC.dwg		
DRAWN BY: ALG/JDG		
CHECKED BY: JMC		
APPROVED BY: BSH		

PROPOSED CONDITIONS - 21

SCALE: 1" = 40'

C-062

Last Saved: 5/21/2021
 Plotted On: May 27, 2021 4:40pm By: Jcenga
 Tighe & Bond: J:\R0317 Raner Solar\R-0317-2 Quinebaug Drawings\Figures\MultiCAD\Sheet Construction Drawings\ Issued for Construction\Quinebaug Proposed Conditions - IFC.dwg

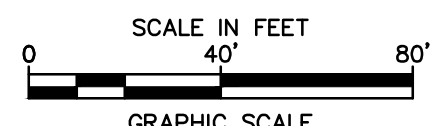


PROPERTY LINE	---
PROPERTY LINE SETBACK	---
EASEMENT LINE	---
EXISTING INTERMEDIATE CONTOURS	---124---
EXISTING INDEX CONTOURS	---120---
PROPOSED INTERMEDIATE CONTOURS	---222---
PROPOSED INDEX CONTOURS	---220---
GRAVEL ROAD/DRIVEWAY	=====
UNDERGROUND ELECTRIC LINE	-----
OVERHEAD ELECTRIC LINE	-----
CHAIN LINK FENCE	=====
LIMITS OF WORK	---
TOWN BOUNDARY	---
EXISTING TREE LINE	---
DIRECTIONAL BUFFER / VERNAL POOL	---
ENVELOPE	---

HERPETOFAUNA PROTECTION AREA	=====
CULTURAL RESOURCE AREA TO BE AVOIDED	=====
AND PROTECTED DURING CONSTRUCTION	=====
STONE WALL	=====
WETLAND BUFFER	=====
WATERCOURSE BUFFER	=====
DELINEATED WATERCOURSE	=====
VERNAL POOL	=====
DELINEATED WETLAND	=====
REMOVE/REMOVE AND DISPOSE	=====
AREA OF PROPOSED TREE CLEARING -	=====
STUMPS TO REMAIN	=====
AREA OF PROPOSED TREE CLEARING	=====
AND STUMP REMOVAL	=====
LIMIT OF CLEARING	=====

WETLAND	=====
TIER 1 PLANTINGS	=====
TIER 2 PLANTINGS	=====
TIER 3 PLANTINGS	=====
UTILITY POLE	=====
LIGHT POLE	=====
FLARED END SECTION	=====
SPOT GRADE	=====
MAGNITUDE & DIRECTION OF SLOPE	=====
CONSTRUCTION LAYDOWN AREA	=====

NOTE: BOLD TEXT AND LINES INDICATE PROPOSED WORK. LIGHT TEXT AND LINES INDICATE APPROXIMATE EXISTING CONDITIONS.



Tighe&Bond

STATE OF CONNECTICUT
BRYAN S. HUNTER
No. 31180
LICENSED PROFESSIONAL ENGINEER
5-27-21

STATE OF CONNECTICUT
JACOB M. BOND
No. 33828
LICENSED PROFESSIONAL ENGINEER
JMB 05/12/21

ISSUED FOR CONSTRUCTION

Quinebaug Solar Project

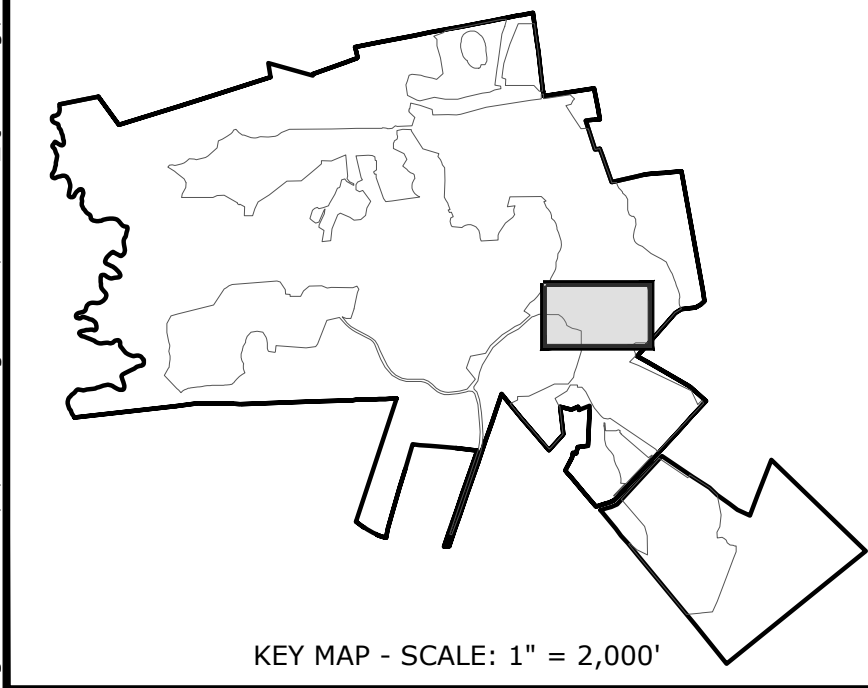
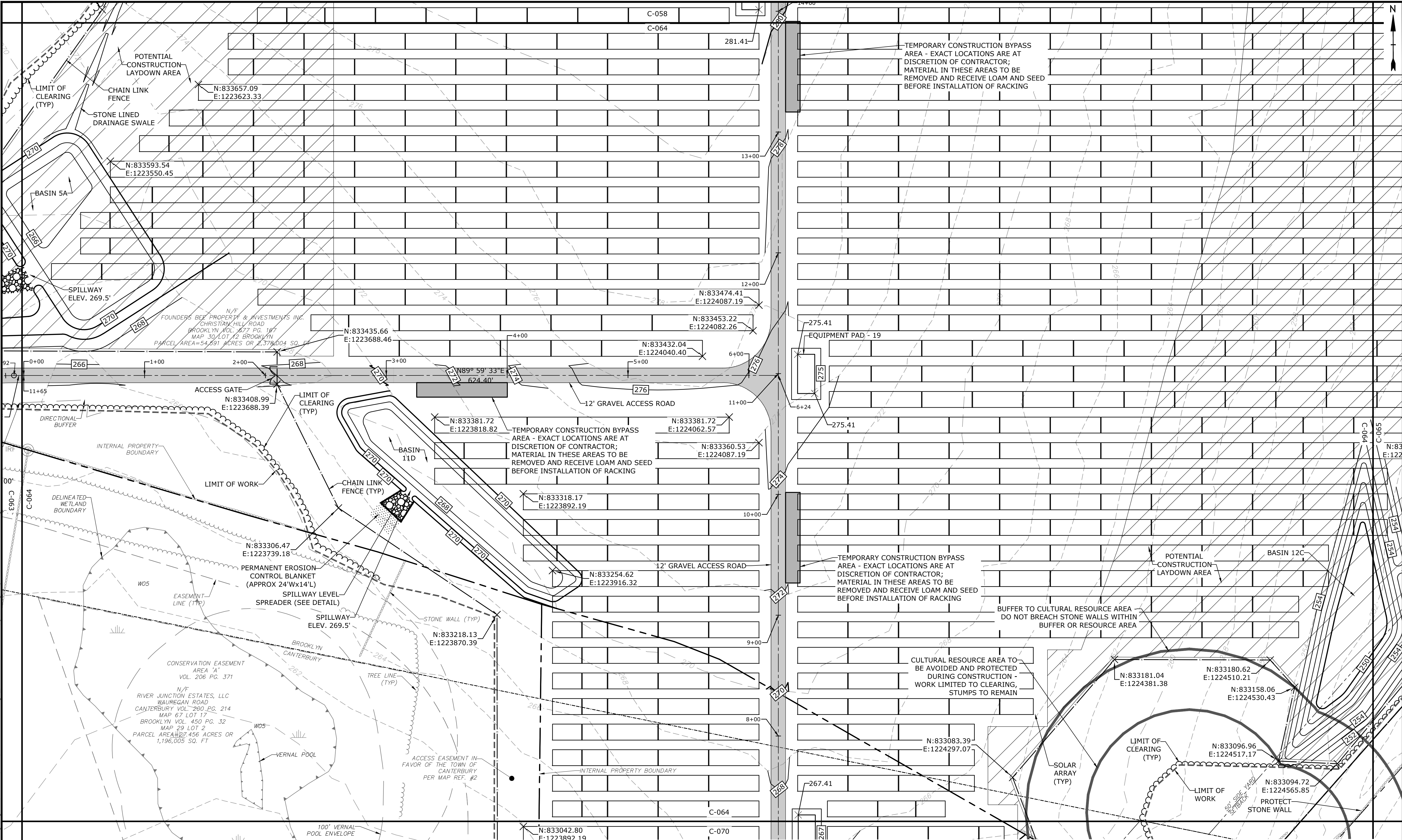
Quinebaug Solar, LLC

Brooklyn & Canterbury, Connecticut

VERIFY SCALE
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IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

MARK	DATE	DESCRIPTION
PROJECT NO: R0317		
DATE: 05/2021		
FILE:Quinebaug Proposed Conditions - IFC.dwg		
DRAWN BY: ALG/JDG		
CHECKED: JMC		
APPROVED: BSH		
PROPOSED CONDITIONS - 22		
SCALE: 1" = 40'		C-063

Last Saved: 5/21/2021
 Plotted On: May 27, 2021 4:44pm By: Jcengua
 Tighe & Bond: J:\R0317 Rander Solar\R-0317-2 Quinebaug Drawings Figures\AutoCAD\Sheet Construction Drawings\ Issued for Construction\Quinebaug Proposed Conditions - IFC.dwg



LEGEND

PROPERTY LINE

PROPERTY LINE SETBACK

EASEMENT LINE

EXISTING INTERMEDIATE CONTOURS

EXISTING INDEX CONTOURS

PROPOSED INTERMEDIATE CONTOURS

PROPOSED INDEX CONTOURS

GRAVEL ROAD/DRIVEWAY

UNDERGROUND ELECTRIC LINE

OVERHEAD ELECTRIC LINE

CHAIN LINK FENCE

LIMITS OF WORK

TOWN BOUNDARY

EXISTING TREE LINE

DIRECTIONAL BUFFER / VERNAL POOL ENVELOPE

HERPETOFAUNA PROTECTION AREA

CULTURAL RESOURCE AREA TO BE AVOIDED AND PROTECTED DURING CONSTRUCTION

STONE WALL

WETLAND BUFFER

WATERCOURSE BUFFER

DELINEATED WATERCOURSE

VERNAL POOL

DELINEATED WETLAND

REMOVE/REMOVE AND DISPOSE

AREA OF PROPOSED TREE CLEARING - STUMPS TO REMAIN

AREA OF PROPOSED TREE CLEARING AND STUMP REMOVAL

LIMIT OF CLEARING

WETLAND

TIER 1 PLANTINGS

TIER 2 PLANTINGS

TIER 3 PLANTINGS

UTILITY POLE

LIGHT POLE

FLARED END SECTION

SPOT GRADE

MAGNITUDE & DIRECTION OF SLOPE

CONSTRUCTION LAYDOWN AREA

NOTE: BOLD TEXT AND LINES INDICATE PROPOSED WORK. LIGHT TEXT AND LINES INDICATE APPROXIMATE EXISTING CONDITIONS.

SCALE IN FEET

0 40' 80'

GRAPHIC SCALE

ISSUED FOR CONSTRUCTION

Quinebaug Solar Project

Quinebaug Solar, LLC

Brooklyn & Canterbury, Connecticut

VERIFY SCALE

BAR IS 1 INCH ON ORIGINAL DRAWING

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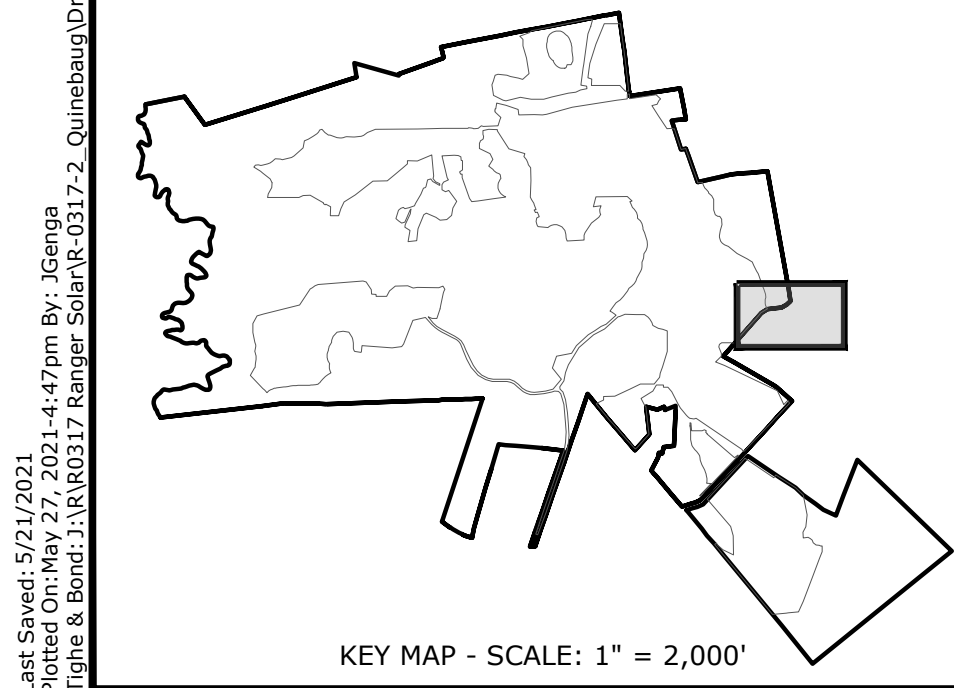
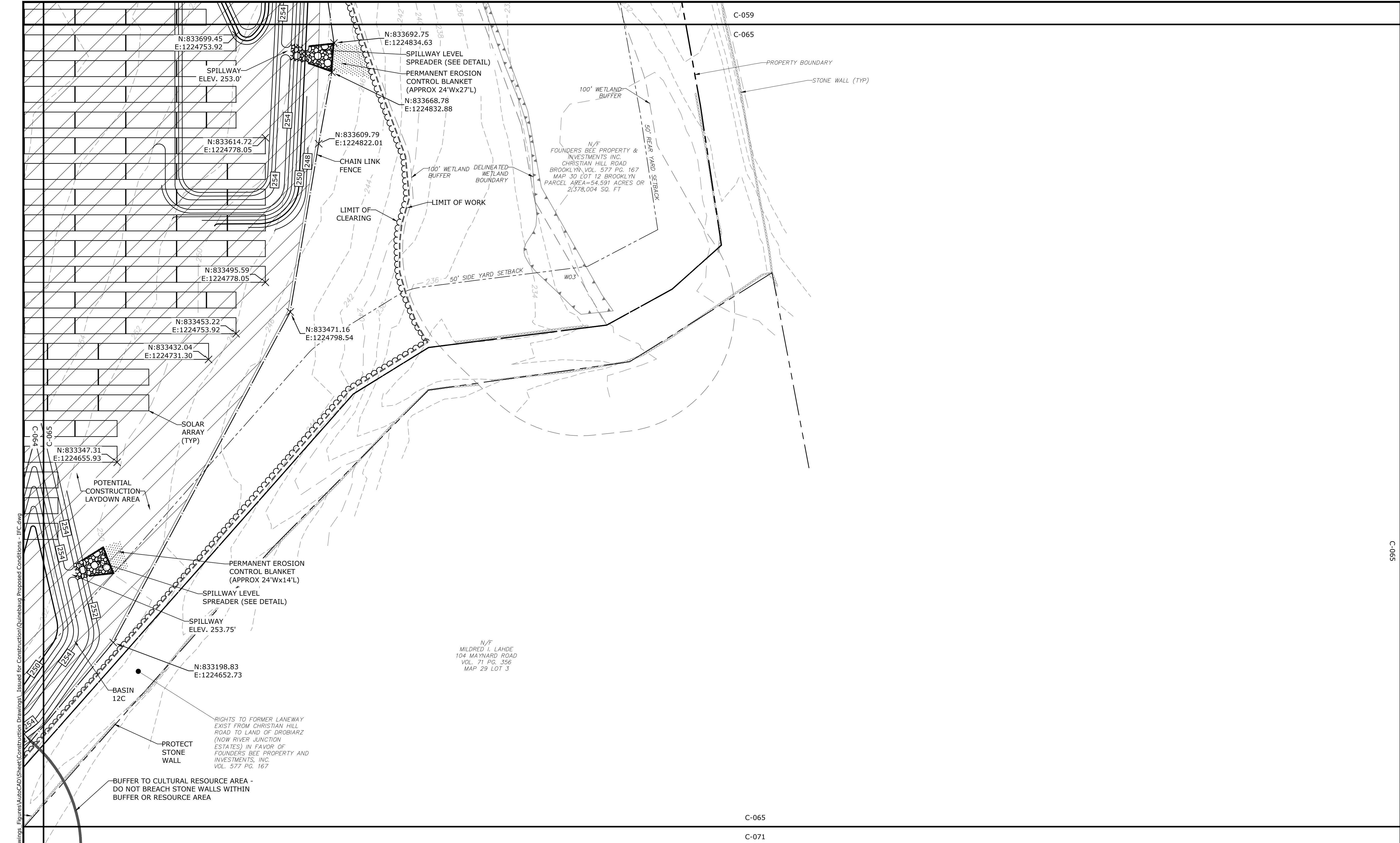
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DATE:	05/2021	
FILE:	Quinebaug Proposed Conditions - IFC.dwg	
DRAWN BY:	ALG/JDG	
CHECKED:	JMC	
APPROVED:	BSH	

PROPOSED CONDITIONS - 23

SCALE: 1" = 40'

C-064



LEGEND

PROPERTY LINE
PROPERTY LINE SETBACK
EASEMENT LINE
EXISTING INTERMEDIATE CONTOURS
EXISTING INDEX CONTOURS
PROPOSED INTERMEDIATE CONTOURS
PROPOSED INDEX CONTOURS
GRAVEL ROAD/DRIVEWAY
UNDERGROUND ELECTRIC LINE
OVERHEAD ELECTRIC LINE
CHAIN LINK FENCE
LIMITS OF WORK
TOWN BOUNDARY
EXISTING TREE LINE
DIRECTIONAL BUFFER / VERNAL POOL
ENVELOPE

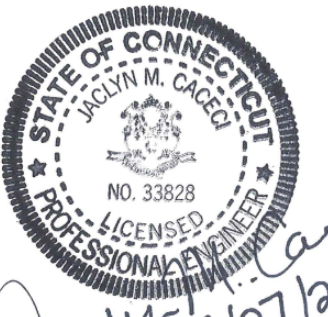
HERPETOFAUNA PROTECTION AREA
CULTURAL RESOURCE AREA TO BE AVOIDED
AND PROTECTED DURING CONSTRUCTION
STONE WALL
WETLAND BUFFER
WATERCOURSE BUFFER
DELINEATED WATERCOURSE
VERNAL POOL
DELINEATED WETLAND
REMOVE/REMOVE AND DISPOSE
AREA OF PROPOSED TREE CLEARING -
STUMPS TO REMAIN
AREA OF PROPOSED TREE CLEARING
AND STUMP REMOVAL
LIMIT OF CLEARING

WETLAND
TIER 1 PLANTINGS
TIER 2 PLANTINGS
TIER 3 PLANTINGS
UTILITY POLE
LIGHT POLE
FLARED END SECTION
SPOT GRADE
MAGNITUDE & DIRECTION OF SLOPE
CONSTRUCTION LAYDOWN AREA

NOTE: BOLD TEXT AND LINES
INDICATE PROPOSED WORK.
LIGHT TEXT AND LINES INDICATE
APPROXIMATE EXISTING
CONDITIONS.

SCALE IN FEET
0 40' 80'
GRAPHIC SCALE

Tighe&Bond



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CONSTRUCTION

Quinebaug
Solar Project

Quinebaug
Solar, LLC

Brooklyn &
Canterbury,
Connecticut

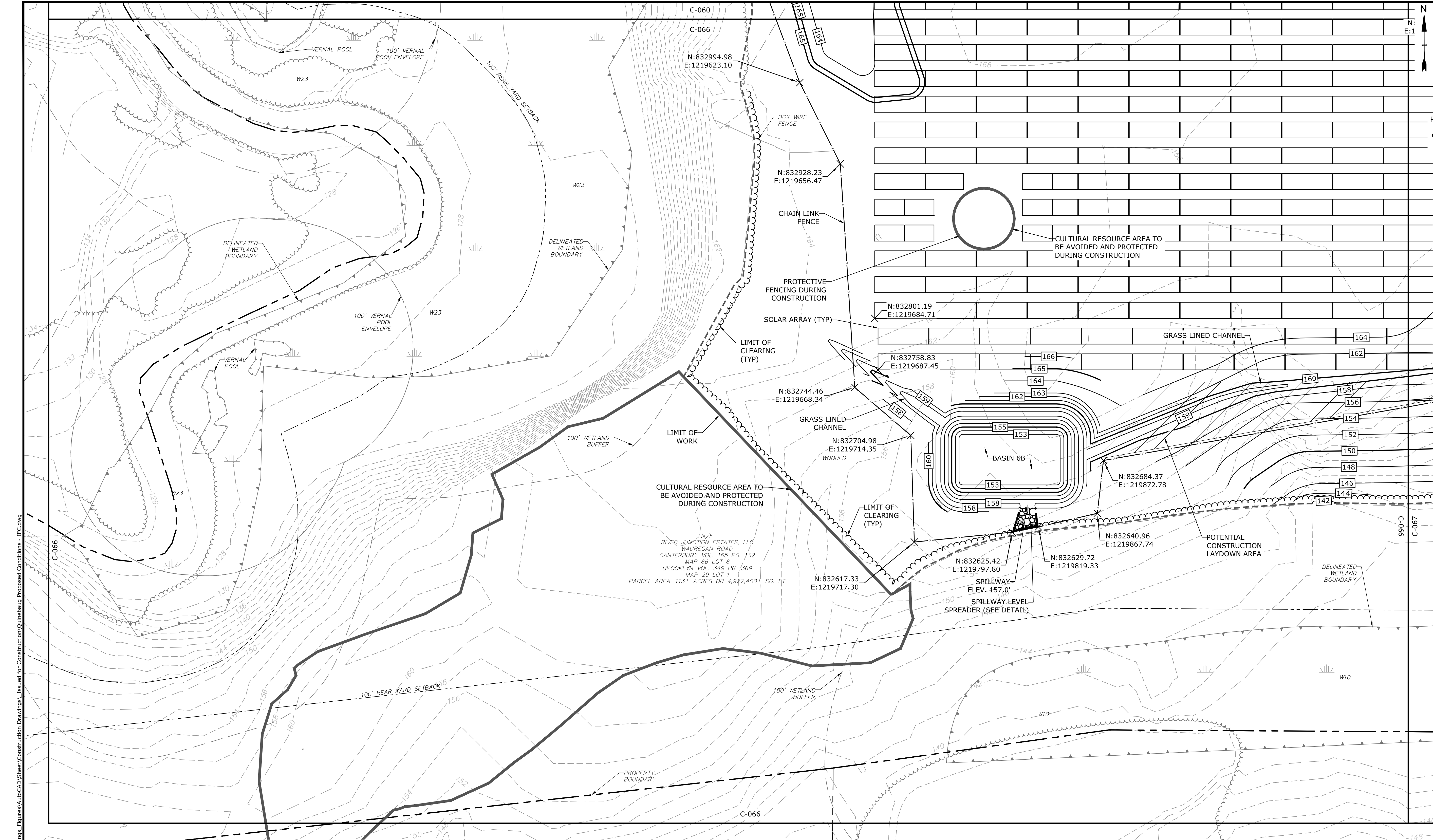
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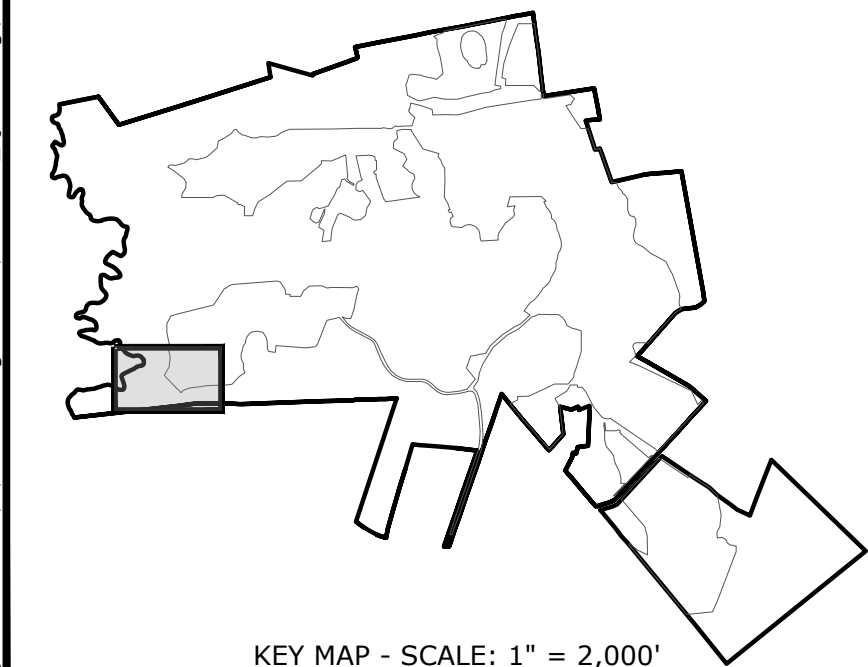
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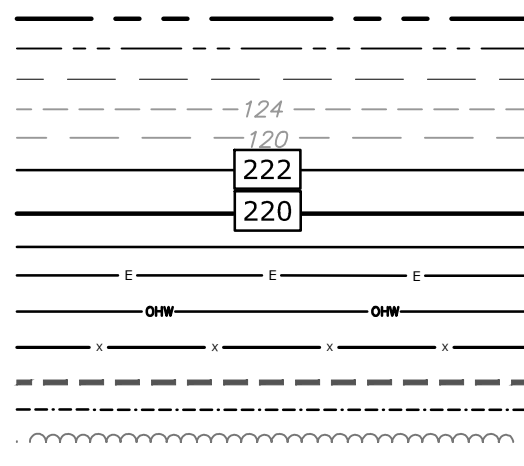
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DATE:		05/2021
FILE:Quinebaug Proposed Conditions - IFC.dwg		
DRAWN BY:		ALG/JDG
CHECKED:		JMC
APPROVED:		BSH
PROPOSED CONDITIONS - 24		
SCALE:		1" = 40'
C-065		



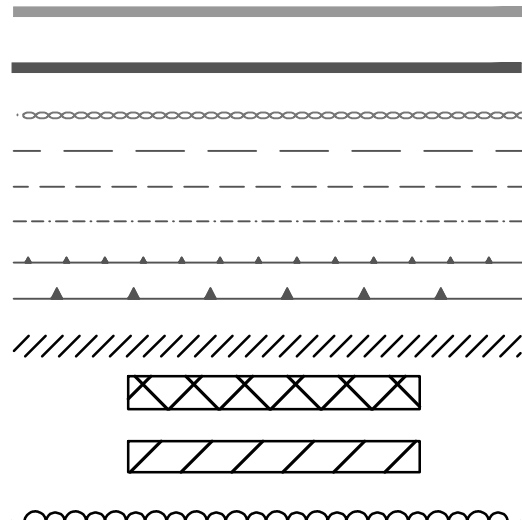
Plot Date: 5/21/2021
Tighe & Bond: JLR/R0317
Quinebaug Drawings: Figures\AutoCAD\Sheet Construction Drawings - IFC.dwg
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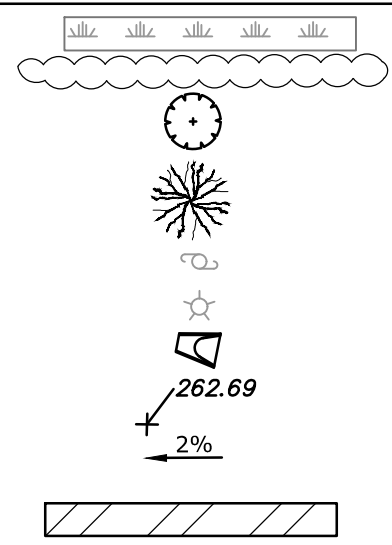
PROPERTY LINE
PROPERTY LINE SETBACK
EASEMENT LINE
EXISTING INTERMEDIATE CONTOURS
EXISTING INDEX CONTOURS
PROPOSED INTERMEDIATE CONTOURS
PROPOSED INDEX CONTOURS
GRAVEL ROAD/DRIVEWAY
UNDERGROUND ELECTRIC LINE
OVERHEAD ELECTRIC LINE
CHAIN LINK FENCE
LIMITS OF WORK
TOWN BOUNDARY
EXISTING TREE LINE
DIRECTIONAL BUFFER / VERNAL POOL
ENVELOPE



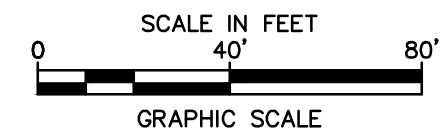
HERPETOFAUNA PROTECTION AREA
CULTURAL RESOURCE AREA TO BE AVOIDED
AND PROTECTED DURING CONSTRUCTION
STONE WALL
WETLAND BUFFER
WATERCOURSE BUFFER
DELINEATED WATERCOURSE
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REMOVE/REMOVE AND DISPOSE
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AREA OF PROPOSED TREE CLEARING
AND STUMP REMOVAL
LIMIT OF CLEARING



WETLAND
TIER 1 PLANTINGS
TIER 2 PLANTINGS
TIER 3 PLANTINGS
UTILITY POLE
LIGHT POLE
FLARED END SECTION
SPOT GRADE
MAGNITUDE & DIRECTION OF SLOPE
CONSTRUCTION LAYDOWN AREA



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LIGHT TEXT AND LINES INDICATE
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CONDITIONS.



Tighe&Bond



ISSUED FOR
CONSTRUCTION

Quinebaug
Solar Project

Quinebaug
Solar, LLC

Brooklyn &
Canterbury,
Connecticut

VERIFY SCALE
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ORIGINAL DRAWING
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IF NOT ONE INCH ON
THIS SHEET, ADJUST
SCALES ACCORDINGLY

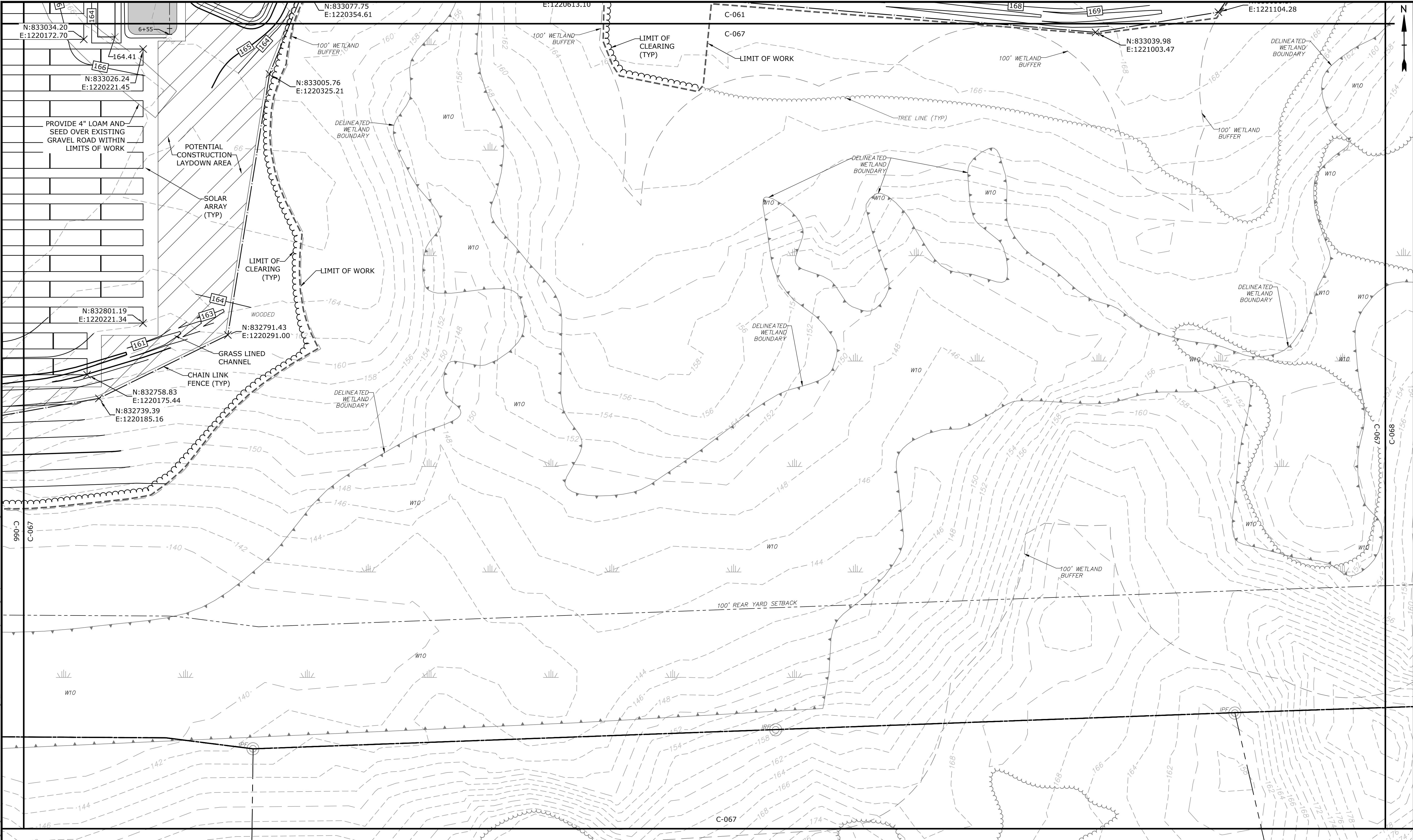
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PROJECT NO:	R0317	
DATE:	05/2021	
FILE:	Quinebaug Proposed Conditions - IFC.dwg	
DRAWN BY:	ALG/JDG	
CHECKED:	JMC	
APPROVED:	BSH	

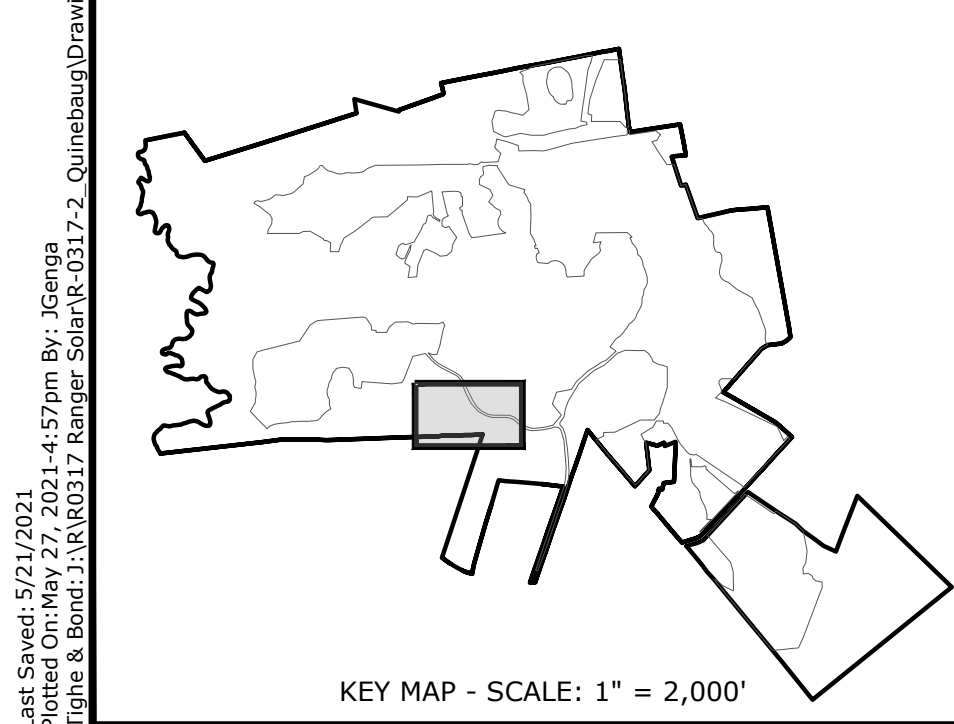
PROPOSED CONDITIONS - 25

SCALE: 1" = 40'

C-066

Last Saved: 5/21/2021
 Plotted On: May 27, 2021 4:53pm BY: Jcengaa
 Tighe & Bond: J:\R0317 Ranter Solar\R-0317-2 Quinebaug Drawings\Figures\AutoCAD\Sheet Construction Drawings - IFC.dwg





LEGEND

PROPERTY LINE
PROPERTY LINE SETBACK
EASEMENT LINE
EXISTING INTERMEDIATE CONTOURS
EXISTING INDEX CONTOURS
PROPOSED INTERMEDIATE CONTOURS
PROPOSED INDEX CONTOURS
GRAVEL ROAD/DRIVEWAY
UNDERGROUND ELECTRIC LINE
OVERHEAD ELECTRIC LINE
CHAIN LINK FENCE
LIMITS OF WORK
TOWN BOUNDARY
EXISTING TREE LINE
DIRECTIONAL BUFFER / VERNAL POOL
ENVELOPE

HERPETOFAUNA PROTECTION AREA
CULTURAL RESOURCE AREA TO BE AVOIDED
AND PROTECTED DURING CONSTRUCTION
STONE WALL
WETLAND BUFFER
WATERCOURSE BUFFER
DELINEATED WATERCOURSE
VERNAL POOL
DELINEATED WETLAND
REMOVE/REMOVE AND DISPOSE
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STUMPS TO REMAIN
AREA OF PROPOSED TREE CLEARING
AND STUMP REMOVAL
LIMIT OF CLEARING

WETLAND
TIER 1 PLANTINGS
TIER 2 PLANTINGS
TIER 3 PLANTINGS

UTILITY POLE
LIGHT POLE
FLARED END SECTION
SPOT GRADE
MAGNITUDE & DIRECTION OF SLOPE

CONSTRUCTION LAYDOWN AREA

NOTE: BOLD TEXT AND LINES
INDICATE PROPOSED WORK.
LIGHT TEXT AND LINES INDICATE
APPROXIMATE EXISTING
CONDITIONS.

SCALE IN FEET
0 40' 80'
GRAPHIC SCALE

Tighe&Bond

STATE OF CONNECTICUT
BRIAN S. HUNTER
No. 31180
LICENSED PROFESSIONAL ENGINEER
12-22-21

STATE OF CONNECTICUT
JACOB M. CARVER
No. 33828
LICENSED PROFESSIONAL ENGINEER
05/12/21

ISSUED FOR CONSTRUCTION

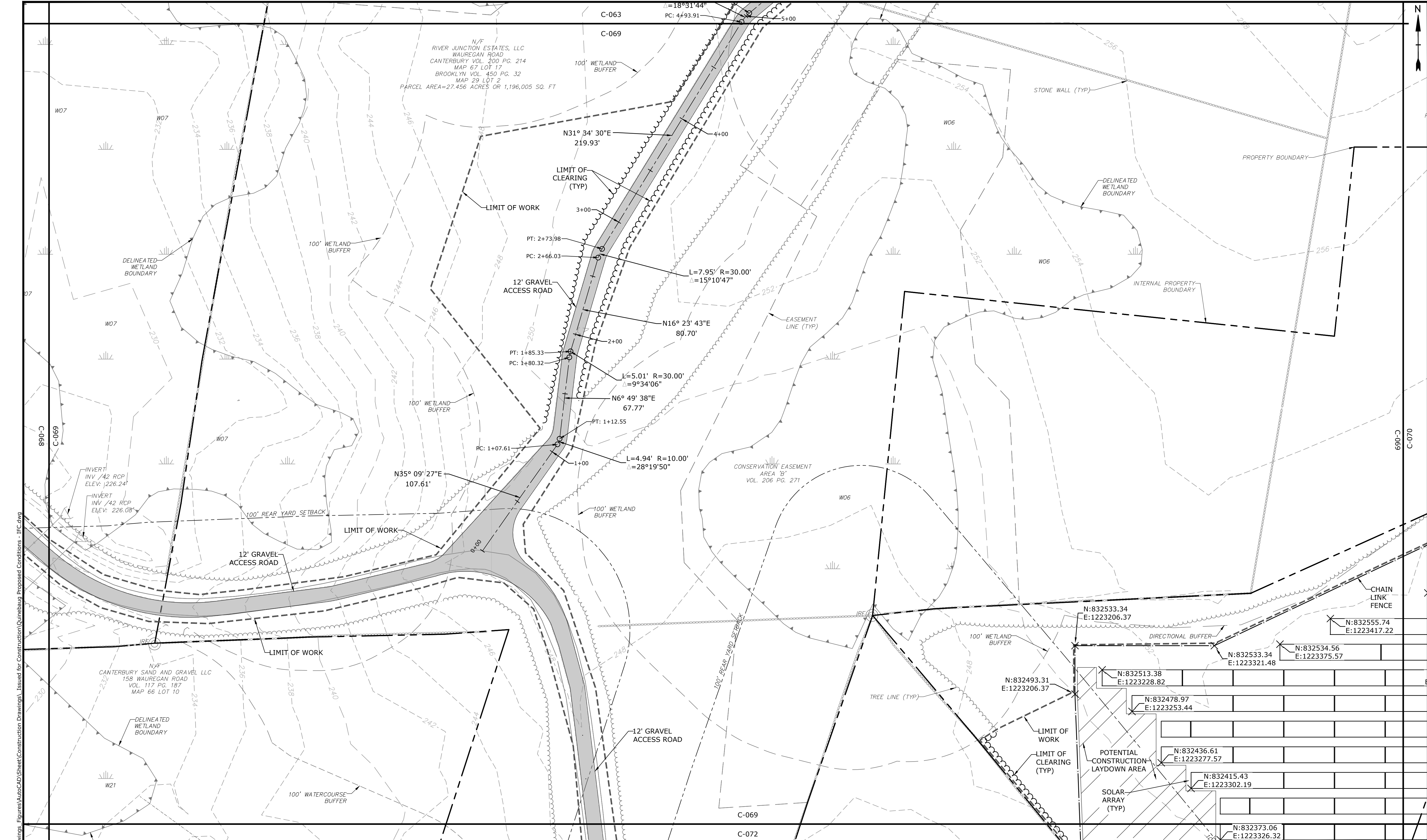
Quinebaug Solar Project

Quinebaug Solar, LLC

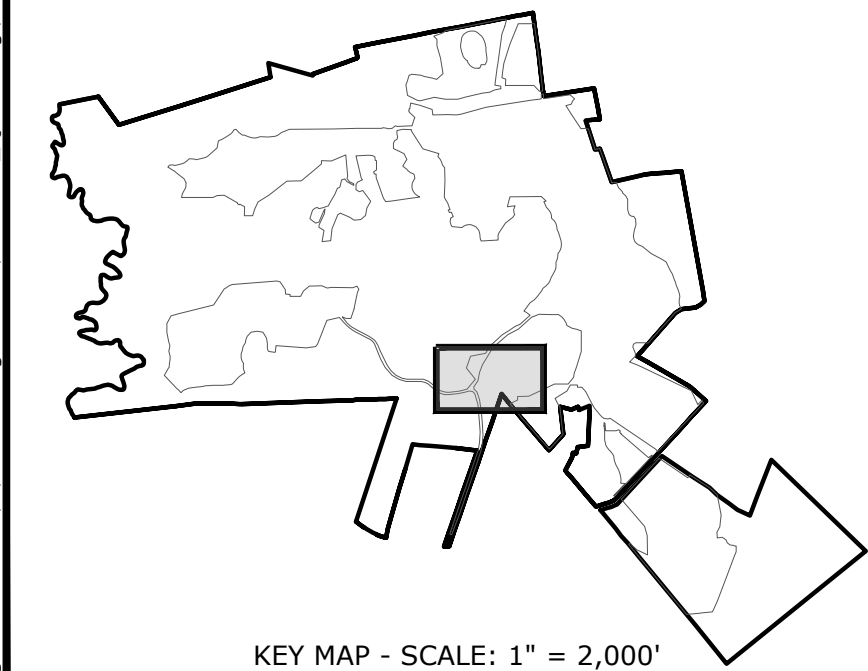
Brooklyn & Canterbury, Connecticut

VERIFY SCALE
BAR IS 1 INCH ON ORIGINAL DRAWING
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IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

MARK	DATE	DESCRIPTION
PROJECT NO:	R0317	
DATE:	05/2021	
FILE:	Quinebaug Proposed Conditions - IFC.dwg	
DRAWN BY:	ALG/JDG	
CHECKED:	JMC	
APPROVED:	BSH	
PROPOSED CONDITIONS - 27		
SCALE:	1" = 40'	
C-068		



Last Saved: 5/21/2021
Plotted On: May 27, 2021 5:00pm By: Jcenga
Tighe & Bond: J:\R\R0317 Ranier Solar\R-0317-2 Quinebaug Drawings Figures\AutoCAD\Sheet Construction Drawings - IFC.dwg

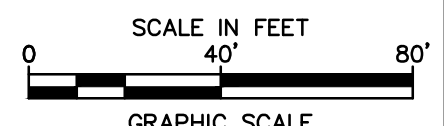


PROPERTY LINE	---
PROPERTY LINE SETBACK	---
EASEMENT LINE	---
EXISTING INTERMEDIATE CONTOURS	---124---
EXISTING INDEX CONTOURS	---120---
PROPOSED INTERMEDIATE CONTOURS	---222---
PROPOSED INDEX CONTOURS	---220---
GRAVEL ROAD/DRIVEWAY	---
UNDERGROUND ELECTRIC LINE	---
OVERHEAD ELECTRIC LINE	---
CHAIN LINK FENCE	---
LIMITS OF WORK	---
TOWN BOUNDARY	---
EXISTING TREE LINE	---
DIRECTIONAL BUFFER / VERNAL POOL	---
ENVELOPE	---

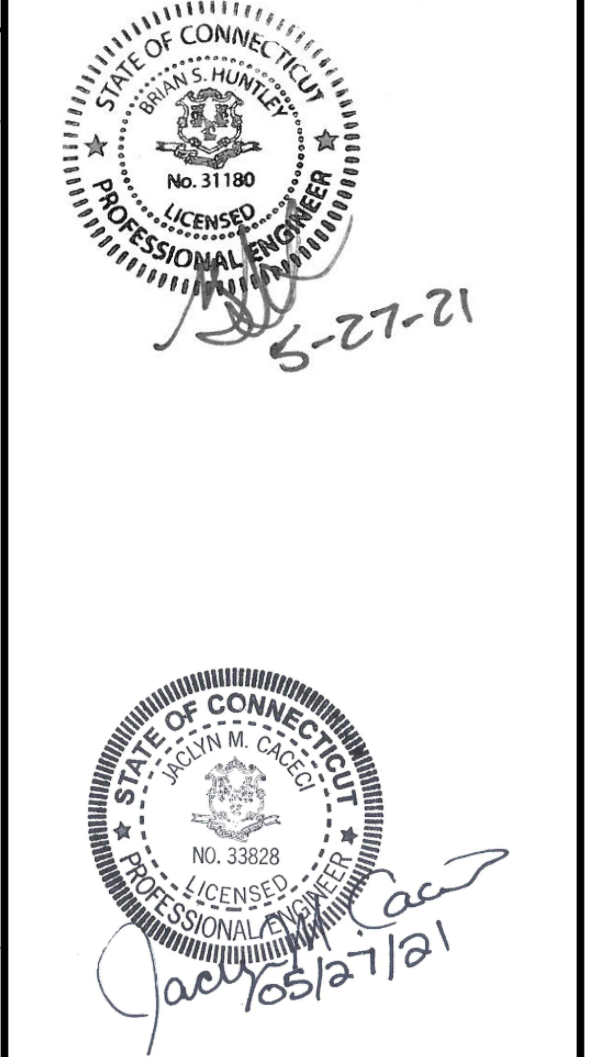
HERPETOFAUNA PROTECTION AREA	---
CULTURAL RESOURCE AREA TO BE AVOIDED AND PROTECTED DURING CONSTRUCTION	---
STONE WALL	---
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AREA OF PROPOSED TREE CLEARING - STUMPS TO REMAIN	---
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LIMIT OF CLEARING	---

WETLAND	---
TIER 1 PLANTINGS	---
TIER 2 PLANTINGS	---
TIER 3 PLANTINGS	---
UTILITY POLE	---
LIGHT POLE	---
FLARED END SECTION	---
SPOT GRADE	---
MAGNITUDE & DIRECTION OF SLOPE	---
CONSTRUCTION LAYDOWN AREA	---

NOTE: BOLD TEXT AND LINES INDICATE PROPOSED WORK.
LIGHT TEXT AND LINES INDICATE APPROXIMATE EXISTING CONDITIONS.



Tighe&Bond



ISSUED FOR CONSTRUCTION

Quinebaug Solar Project

Quinebaug Solar, LLC

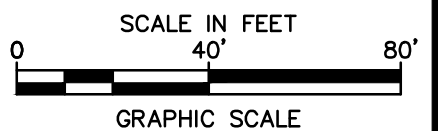
Brooklyn & Canterbury, Connecticut

VERIFY SCALE
BAR IS 1 INCH ON ORIGINAL DRAWING
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IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

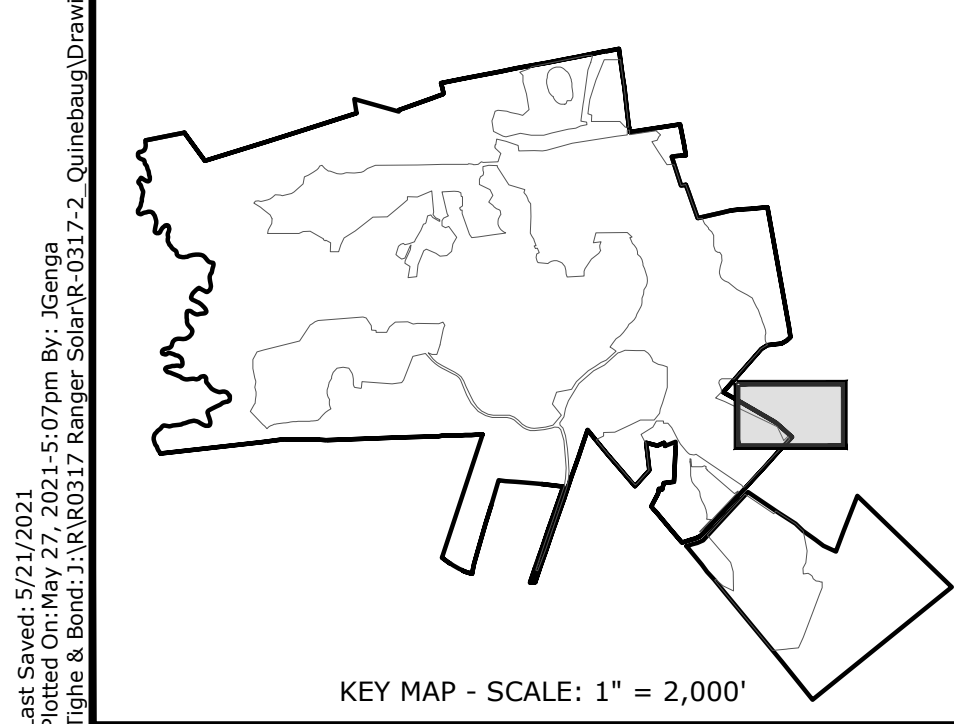
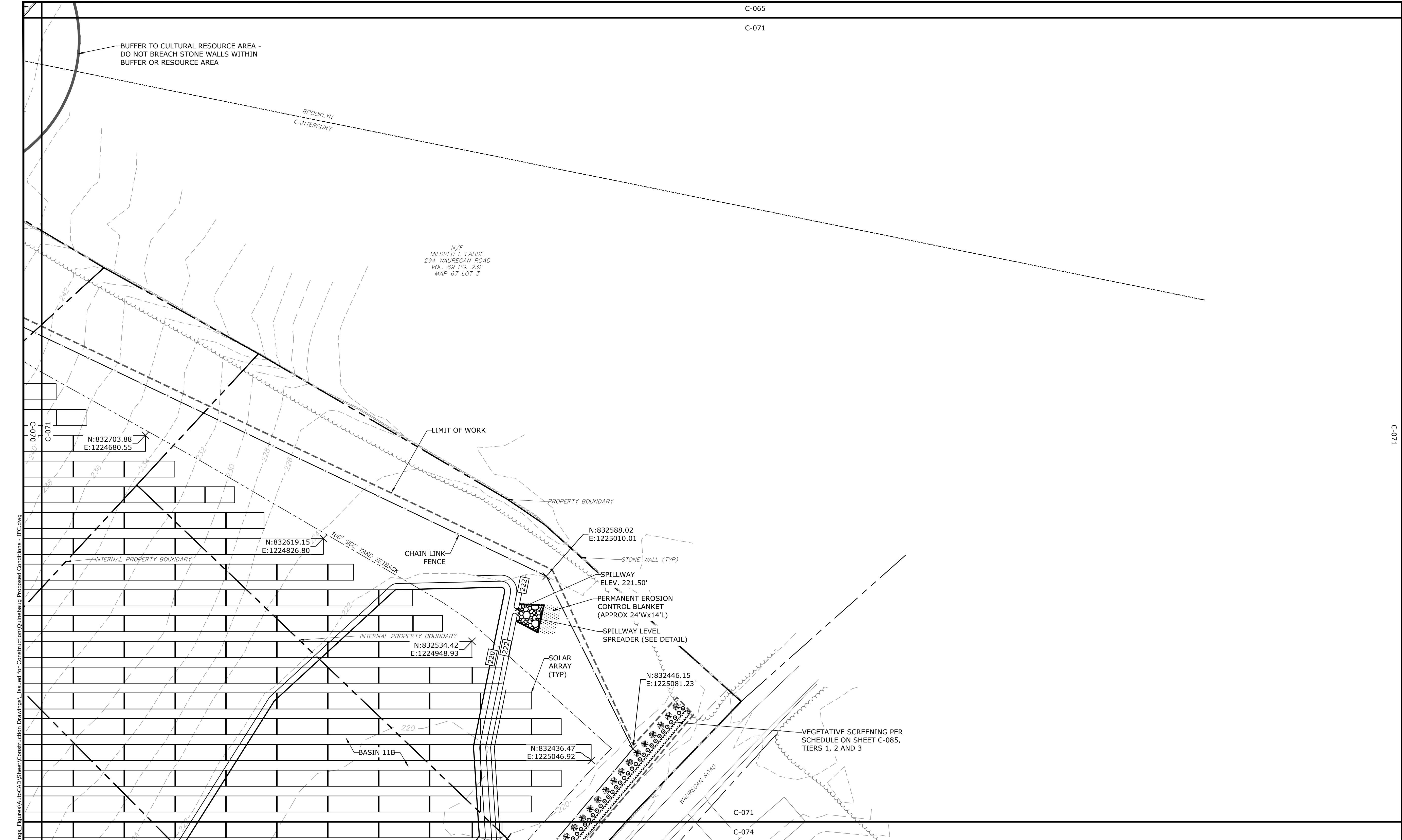
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DATE:	05/2021	
FILE:	Quinebaug Proposed Conditions - IFC.dwg	
DRAWN BY:	ALG/JDG	
CHECKED:	JMC	
APPROVED:	BSH	
PROPOSED CONDITIONS - 28		
SCALE:	1" = 40'	
C-069		

Brooklyn &
Canterbury,
Connecticut

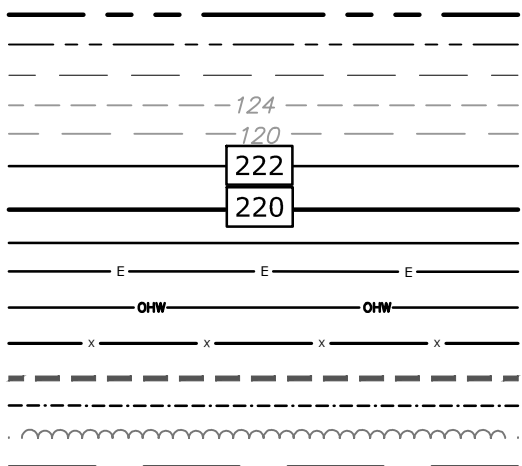
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IF NOT ONE INCH ON
THIS SHEET, ADJUST
SCALES ACCORDINGLY

C-070

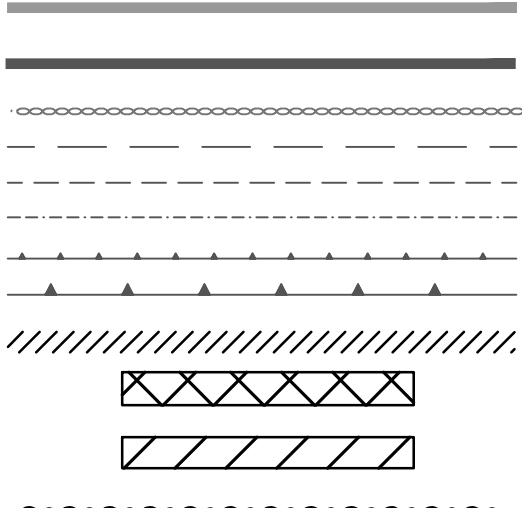
KEY MAP - SCALE: 1" = 2,000'



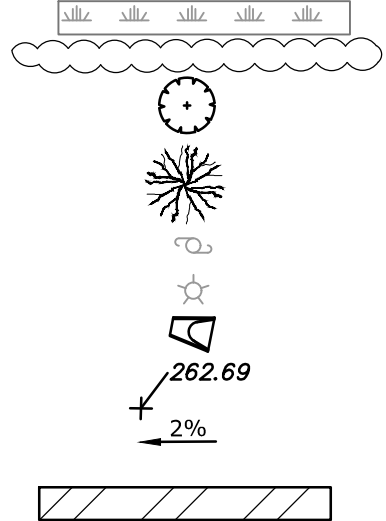
- PROPERTY LINE
PROPERTY LINE SETBACK
EASEMENT LINE
EXISTING INTERMEDIATE CONTOURS
EXISTING INDEX CONTOURS
PROPOSED INTERMEDIATE CONTOURS
PROPOSED INDEX CONTOURS
GRAVEL ROAD/DRIVEWAY
UNDERGROUND ELECTRIC LINE
OVERHEAD ELECTRIC LINE
CHAIN LINK FENCE
LIMITS OF WORK
TOWN BOUNDARY
EXISTING TREE LINE
DIRECTIONAL BUFFER / VERNAL POOL
ENVELOPE



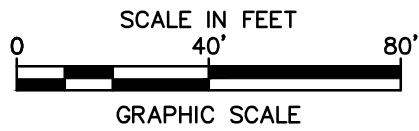
- HERPETOFAUNA PROTECTION AREA
CULTURAL RESOURCE AREA TO BE AVOIDED
AND PROTECTED DURING CONSTRUCTION
STONE WALL
WETLAND BUFFER
WATERCOURSE BUFFER
DELINEATED WATERCOURSE
VERNAL POOL
DELINEATED WETLAND
REMOVE/REMOVE AND DISPOSE
AREA OF PROPOSED TREE CLEARING -
STUMPS TO REMAIN
AREA OF PROPOSED TREE CLEARING
AND STUMP REMOVAL
LIMIT OF CLEARING



- WETLAND
TIER 1 PLANTINGS
TIER 2 PLANTINGS
TIER 3 PLANTINGS
UTILITY POLE
LIGHT POLE
FLARED END SECTION
SPOT GRADE
MAGNITUDE & DIRECTION OF SLOPE
CONSTRUCTION LAYDOWN AREA



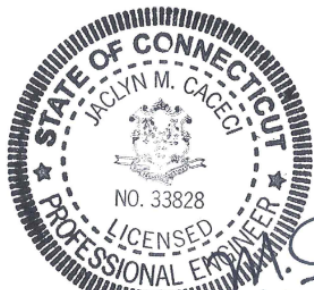
NOTE: BOLD TEXT AND LINES
INDICATE PROPOSED WORK.
LIGHT TEXT AND LINES INDICATE
APPROXIMATE EXISTING
CONDITIONS.



Tighe & Bond



12-27-21



10/12/21

ISSUED FOR
CONSTRUCTION

Quinebaug
Solar Project

Quinebaug
Solar, LLC

Brooklyn &
Canterbury,
Connecticut

VERIFY SCALE

BAR IS 1 INCH ON
ORIGINAL DRAWING
0 1 INCH
IF NOT ONE INCH ON
THIS SHEET, ADJUST
SCALES ACCORDINGLY

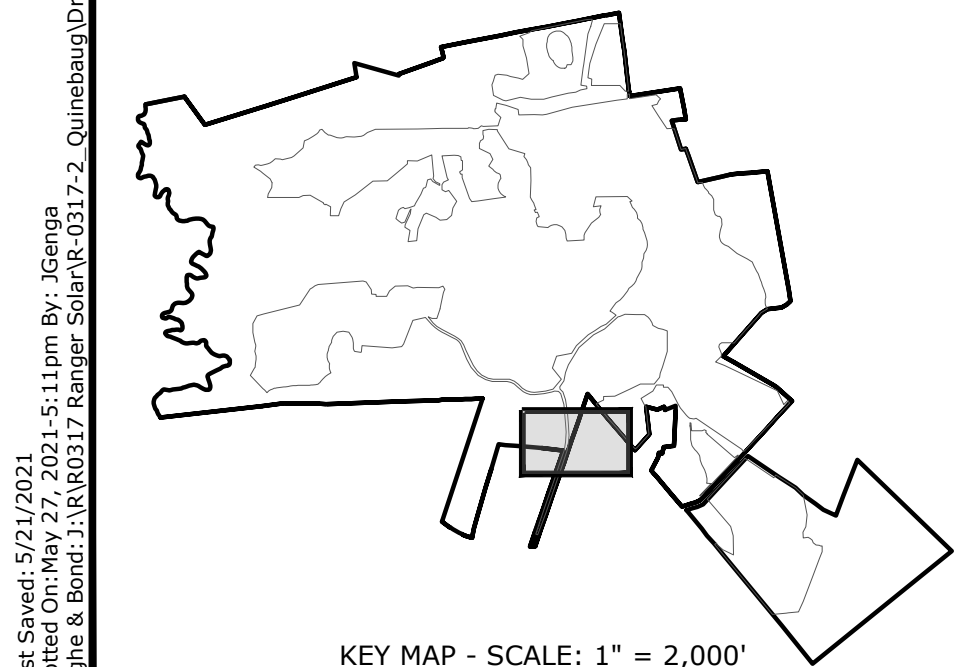
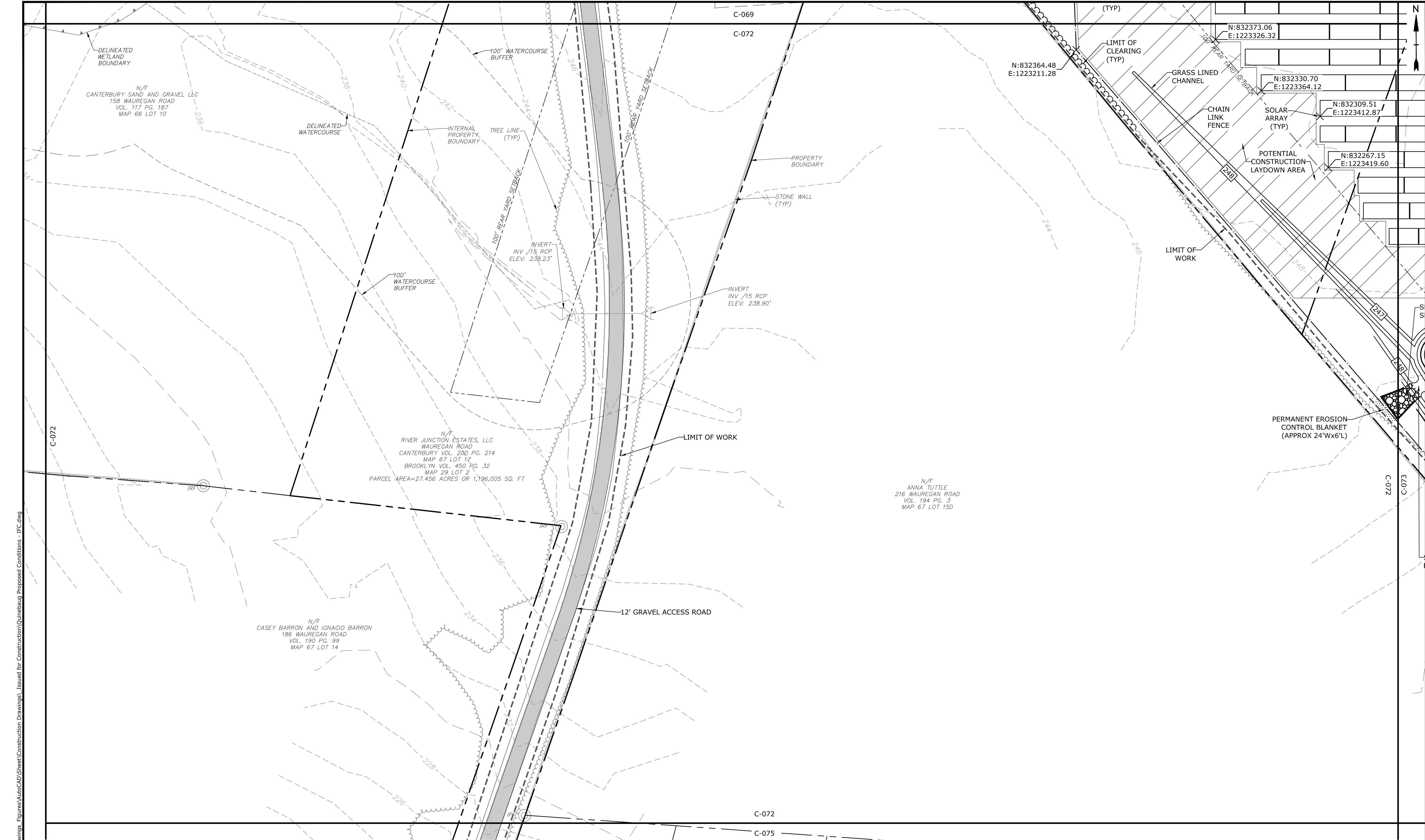
MARK	DATE	DESCRIPTION
PROJECT NO: R0317		
DATE: 05/2021		
FILE:Quinebaug Proposed Conditions - IFC.dwg		
DRAWN BY: ALG/JDG		
CHECKED: JMC		
APPROVED: BSH		

PROPOSED CONDITIONS - 30

SCALE: 1" = 40'

C-071

Last Saved: 5/21/2021
Plotted On: May 27, 2021 5:07pm By: Jcengua
Tighe & Bond: J:\R\R0317_Rander Solar\R-0317-2_Quinebaug Drawings\Figures\AutoCAD\Sheet Construction Drawings\Issued for Construction\Quinebaug Proposed Conditions - IFC.dwg



LEGEND

PROPERTY LINE		HERPETOFAUNA PROTECTION AREA		WETLAND	
PROPERTY LINE SETBACK		CULTURAL RESOURCE AREA TO BE AVOIDED		TIER 1 PLANTINGS	
EASEMENT LINE		AND PROTECTED DURING CONSTRUCTION		TIER 2 PLANTINGS	
EXISTING INTERMEDIATE CONTOURS		STONE WALL		TIER 3 PLANTINGS	
EXISTING INDEX CONTOURS		WETLAND BUFFER		UTILITY POLE	
PROPOSED INTERMEDIATE CONTOURS		WATERCOURSE BUFFER		LIGHT POLE	
PROPOSED INDEX CONTOURS		DELINEATED WATERCOURSE		FLARED END SECTION	
GRAVEL ROAD/DRIVEWAY		VERNAL POOL		SPOT GRADE	
UNDERGROUND ELECTRIC LINE		DELINEATED WETLAND		MAGNITUDE & DIRECTION OF SLOPE	
OVERHEAD ELECTRIC LINE		REMOVE/REMOVE AND DISPOSE		CONSTRUCTION LAYDOWN AREA	
CHAIN LINK FENCE		AREA OF PROPOSED TREE CLEARING -			
LIMITS OF WORK		STUMPS TO REMAIN			
TOWN BOUNDARY		AREA OF PROPOSED TREE CLEARING			
EXISTING TREE LINE		AND STUMP REMOVAL			
DIRECTIONAL BUFFER / VERNAL POOL		LIMIT OF CLEARING			
ENVELOPE					

NOTE: BOLD TEXT AND LINES INDICATE PROPOSED WORK. LIGHT TEXT AND LINES INDICATE APPROXIMATE EXISTING CONDITIONS.

SCALE IN FEET
0 40' 80'
GRAPHIC SCALE

Tighe&Bond

STATE OF CONNECTICUT
KIMBERLY S. HUNTER
No. 31180
LICENSED PROFESSIONAL ENGINEER
5-27-21

STATE OF CONNECTICUT
KEVIN M. CARO
No. 33828
LICENSED PROFESSIONAL ENGINEER
05/12/21

ISSUED FOR CONSTRUCTION

Quinebaug Solar Project

Quinebaug Solar, LLC

Brooklyn & Canterbury, Connecticut

VERIFY SCALE

BAR IS 1 INCH ON ORIGINAL DRAWING

0 1 INCH

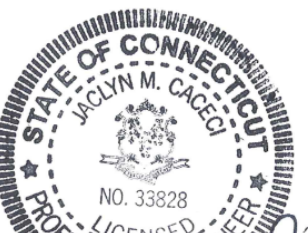
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MARK	DATE	DESCRIPTION
PROJECT NO:	R0317	
DATE:	05/2021	
FILE:	Quinebaug Proposed Conditions - IFC.dwg	
DRAWN BY:	ALG/JDG	
CHECKED:	JMC	
APPROVED:	BSH	

PROPOSED CONDITIONS - 31

SCALE: 1" = 40'

C-072



ISSUED FOR
CONSTRUCTION

Quinebaug
Solar Project

Quinebaug
Solar, LLC

Brooklyn &
Canterbury,
Connecticut

VERIFY SCALE

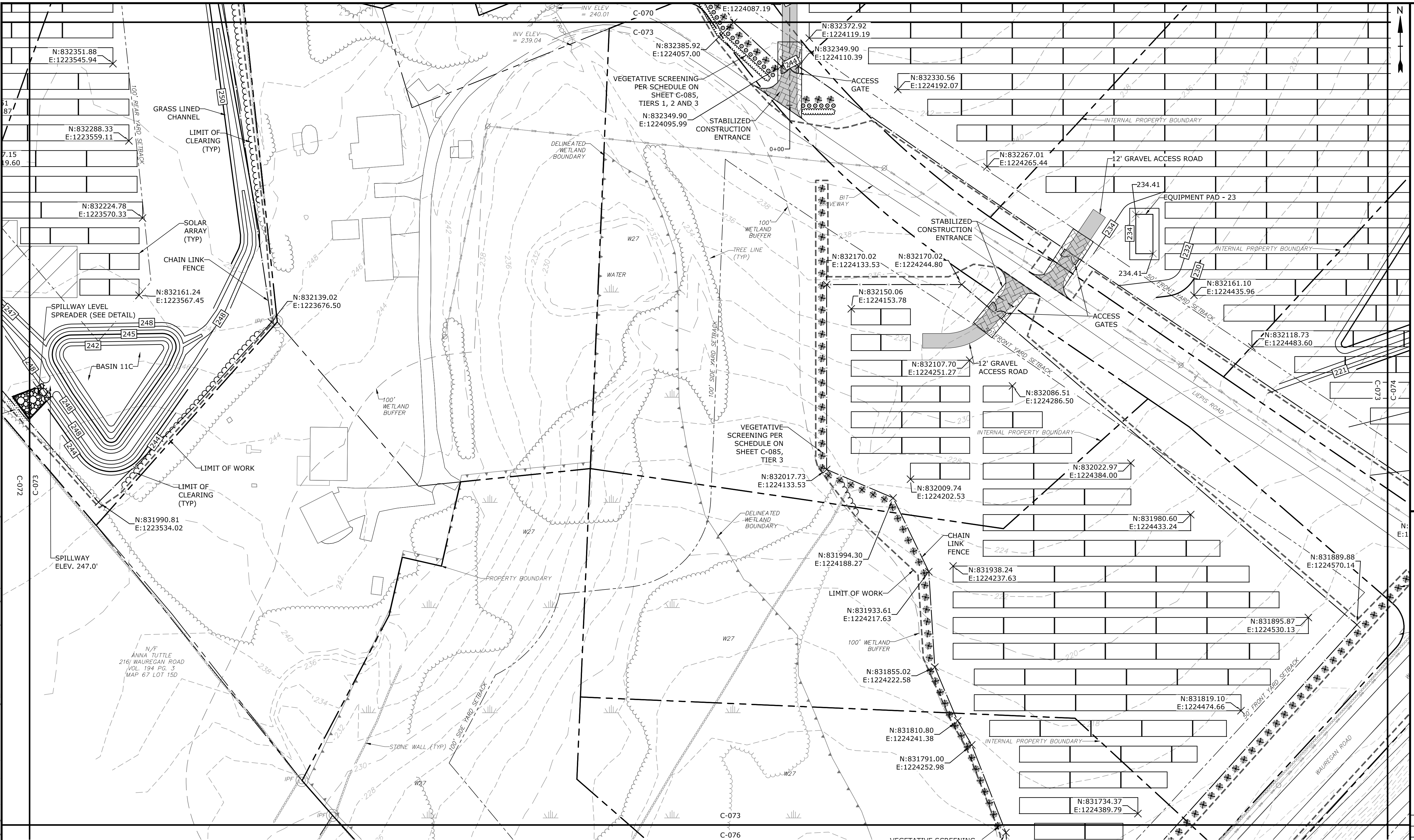
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ORIGINAL DRAWING
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IF NOT ONE INCH ON
THIS SHEET, ADJUST
SCALES ACCORDINGLY

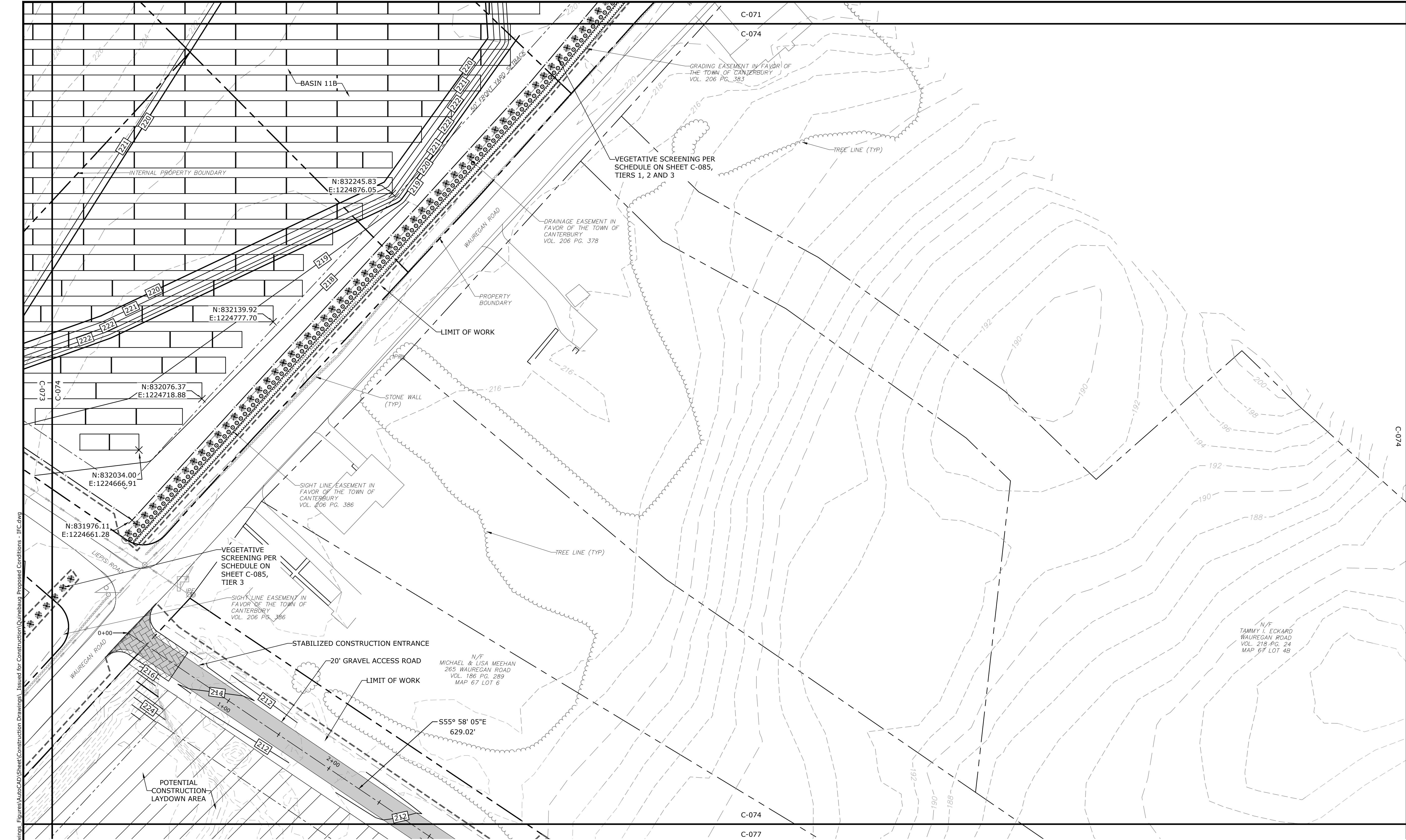
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PROJECT NO:	R0317	
DATE:	05/2021	
FILE:Quinebaug Proposed Conditions - IFC.dwg		
DRAWN BY:	ALG/JDG	
CHECKED:	JMC	
APPROVED:	BSH	

PROPOSED CONDITIONS - 32

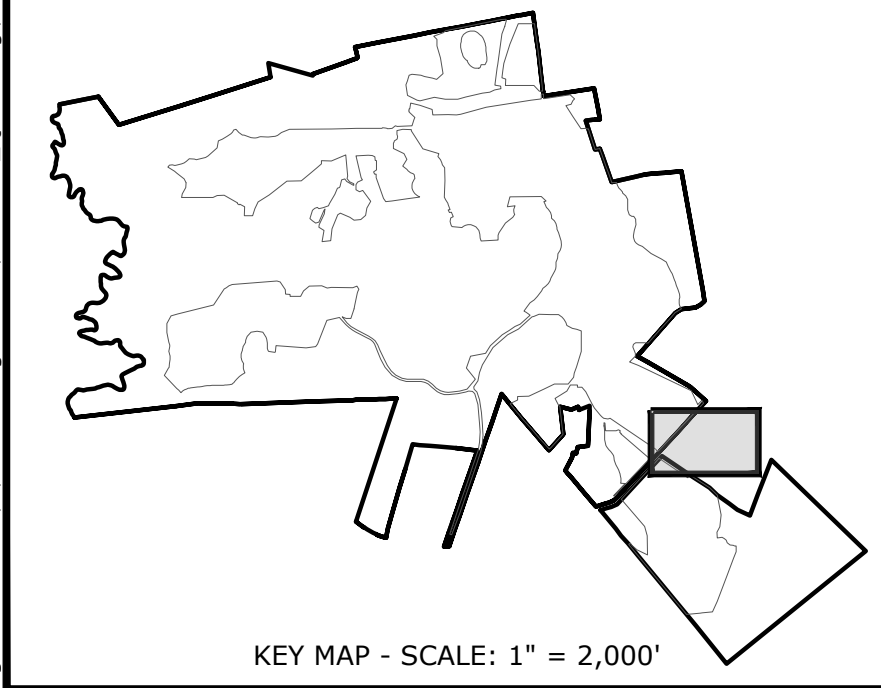
SCALE: 1" = 40'

C-073

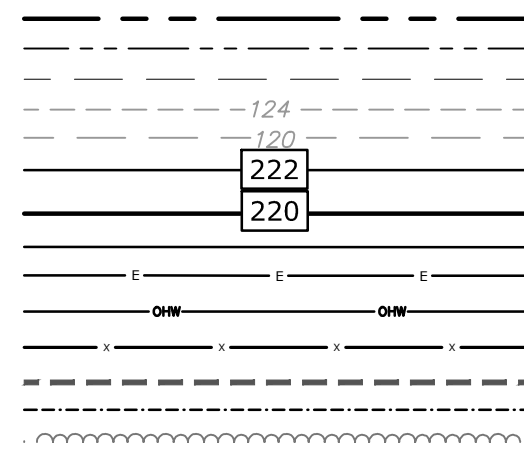




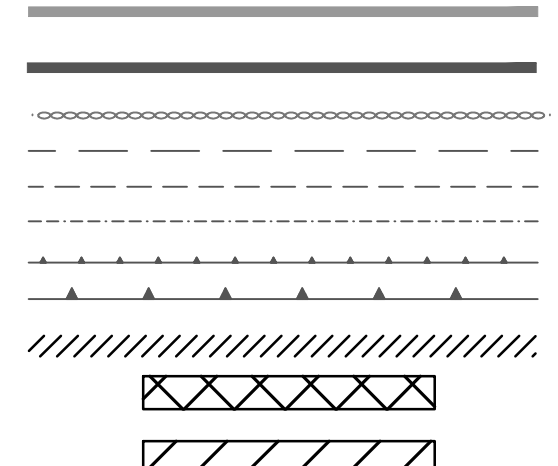
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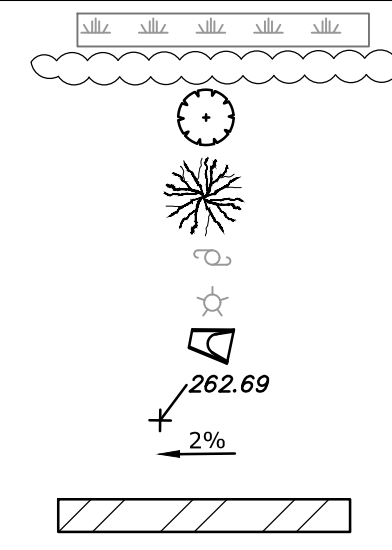
PROPERTY LINE
PROPERTY LINE SETBACK
EASEMENT LINE
EXISTING INTERMEDIATE CONTOURS
EXISTING INDEX CONTOURS
PROPOSED INTERMEDIATE CONTOURS
PROPOSED INDEX CONTOURS
GRAVEL ROAD/DRIVEWAY
UNDERGROUND ELECTRIC LINE
OVERHEAD ELECTRIC LINE
CHAIN LINK FENCE
LIMITS OF WORK
TOWN BOUNDARY
EXISTING TREE LINE
DIRECTIONAL BUFFER / VERNAL POOL
ENVELOPE



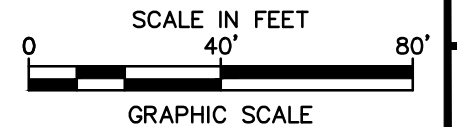
HERPETOFAUNA PROTECTION AREA
CULTURAL RESOURCE AREA TO BE AVOIDED
AND PROTECTED DURING CONSTRUCTION
STONE WALL
WETLAND BUFFER
WATERCOURSE BUFFER
DELINEATED WATERCOURSE
VERNAL POOL
DELINEATED WETLAND
REMOVE/REMOVE AND DISPOSE
AREA OF PROPOSED TREE CLEARING -
STUMPS TO REMAIN
AREA OF PROPOSED TREE CLEARING
AND STUMP REMOVAL
LIMIT OF CLEARING



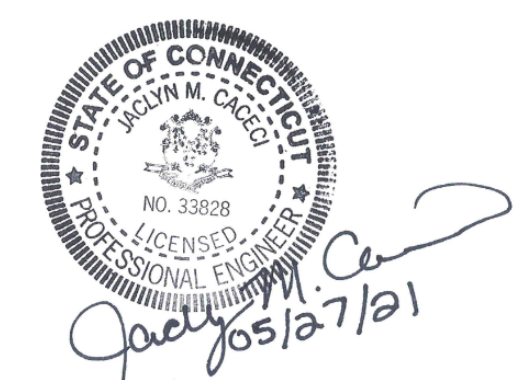
WETLAND
TIER 1 PLANTINGS
TIER 2 PLANTINGS
TIER 3 PLANTINGS
UTILITY POLE
LIGHT POLE
FLARED END SECTION
SPOT GRADE
MAGNITUDE & DIRECTION OF SLOPE
CONSTRUCTION LAYDOWN AREA



NOTE: BOLD TEXT AND LINES
INDICATE PROPOSED WORK.
LIGHT TEXT AND LINES INDICATE
APPROXIMATE EXISTING
CONDITIONS.



Tighe&Bond



ISSUED FOR
CONSTRUCTION

Quinebaug
Solar Project

Quinebaug
Solar, LLC

Brooklyn &
Canterbury,
Connecticut

VERIFY SCALE
BAR IS 1 INCH ON
ORIGINAL DRAWING
0 1 INCH
IF NOT ONE INCH ON
THIS SHEET, ADJUST
SCALES ACCORDINGLY


MARK	DATE	DESCRIPTION
PROJECT NO:	R0317	
DATE:	05/2021	
FILE:	Quinebaug Proposed Conditions - IFC.dwg	
DRAWN BY:	ALG/JDG	
CHECKED:	JMC	
APPROVED:	BSH	
PROPOSED CONDITIONS - 33		
SCALE:	1" = 40'	
C-074		



Quinebaug Solar Project

Quinebaug
Solar, LLC

Brooklyn &
Canterbury,
Connecticut

BAR IS 1 INCH ON
ORIGINAL DRAWING
 1 INCH
IF NOT ONE INCH ON
THIS SHEET, ADJUST
SCALES ACCORDINGLY

MARK	DATE	DESCRIPTION
PROJECT NO:	R0317	
DATE:	05/2021	
FILE:	Quinebaug Proposed Conditions - IFC.dwg	
DRAWN BY:	ALG/JDG	
CHECKED:	JMC	
APPROVED:	BSH	

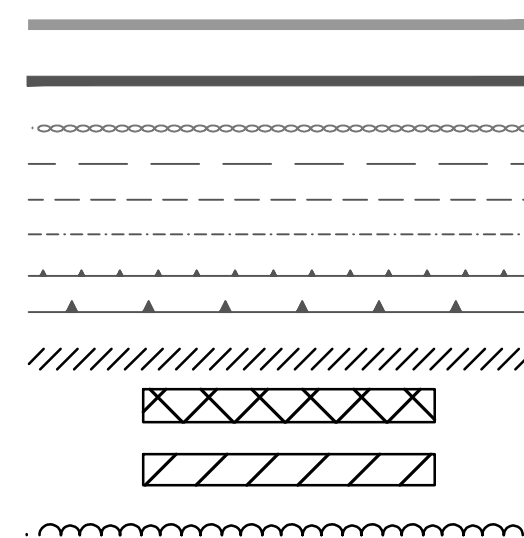
PROPOSED CONDITIONS - 34

SCALE: $1" = 40'$

-075



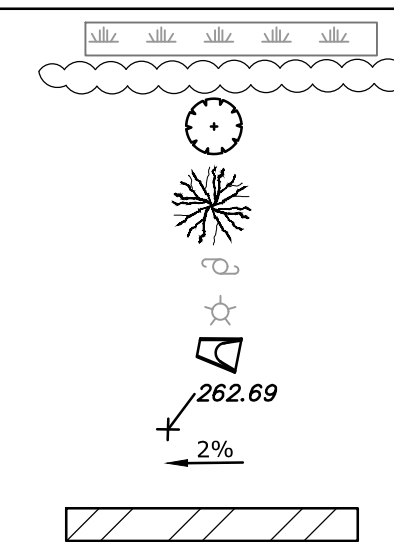
HERPETOFAUNA PROTECTION AREA
CULTURAL RESOURCE AREA TO BE AVOIDED
AND PROTECTED DURING CONSTRUCTION
STONE WALL
WETLAND BUFFER
WATERCOURSE BUFFER
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REMOVE/REMOVE AND DISPOSE
AREA OF PROPOSED TREE CLEARING -
STUMPS TO REMAIN
AREA OF PROPOSED TREE CLEARING
AND STUMP REMOVAL
LIMIT OF CLEARING



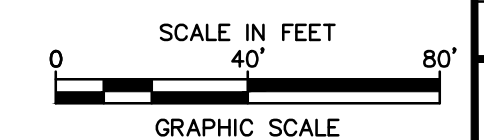
WETLAND
TIER 1 PLANTINGS
TIER 2 PLANTINGS
TIER 3 PLANTINGS

UTILITY POLE
LIGHT POLE
FLARED END SECTION
SPOT GRADE
MAGNITUDE & DIRECTION OF SLOPE

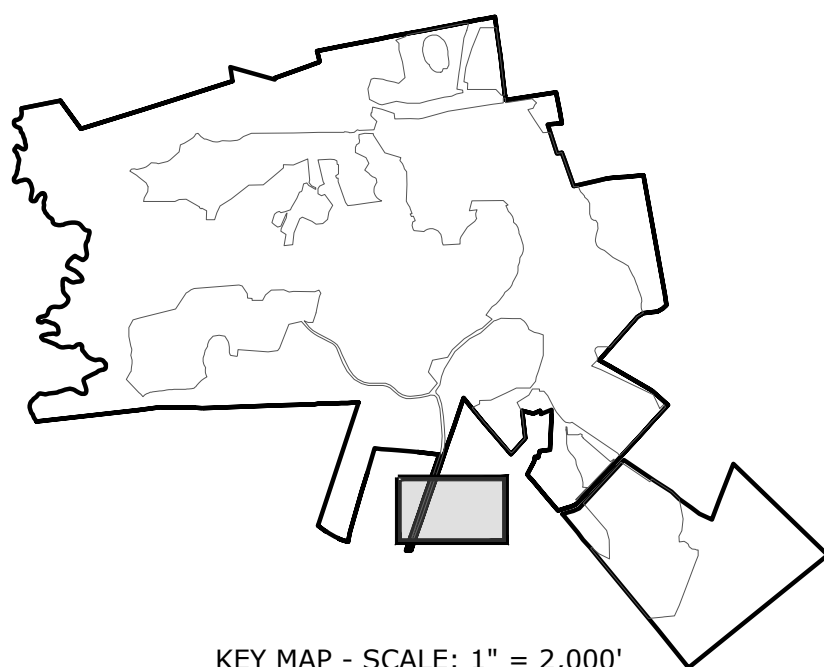
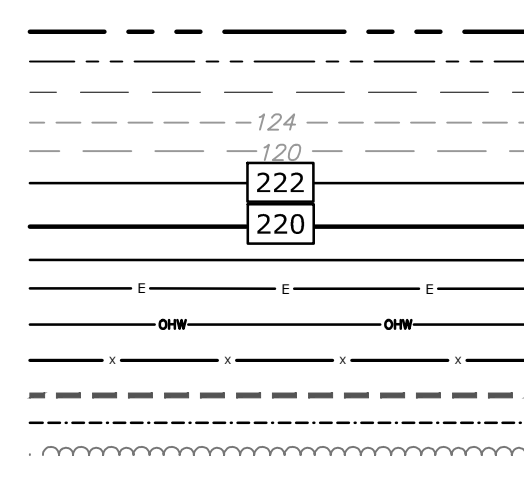
CONSTRUCTION LAYDOWN AREA



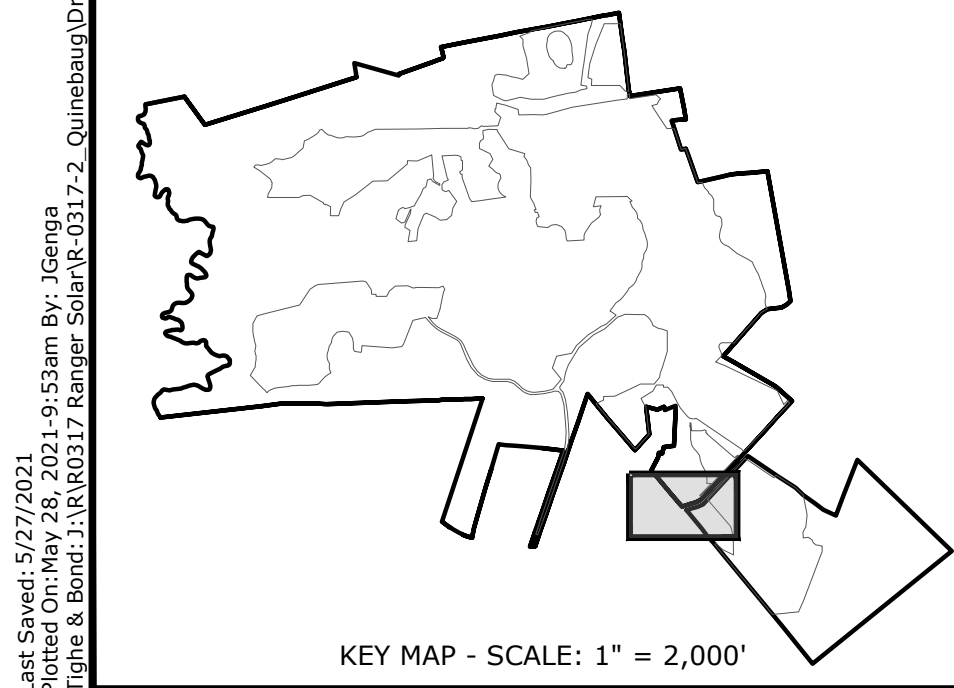
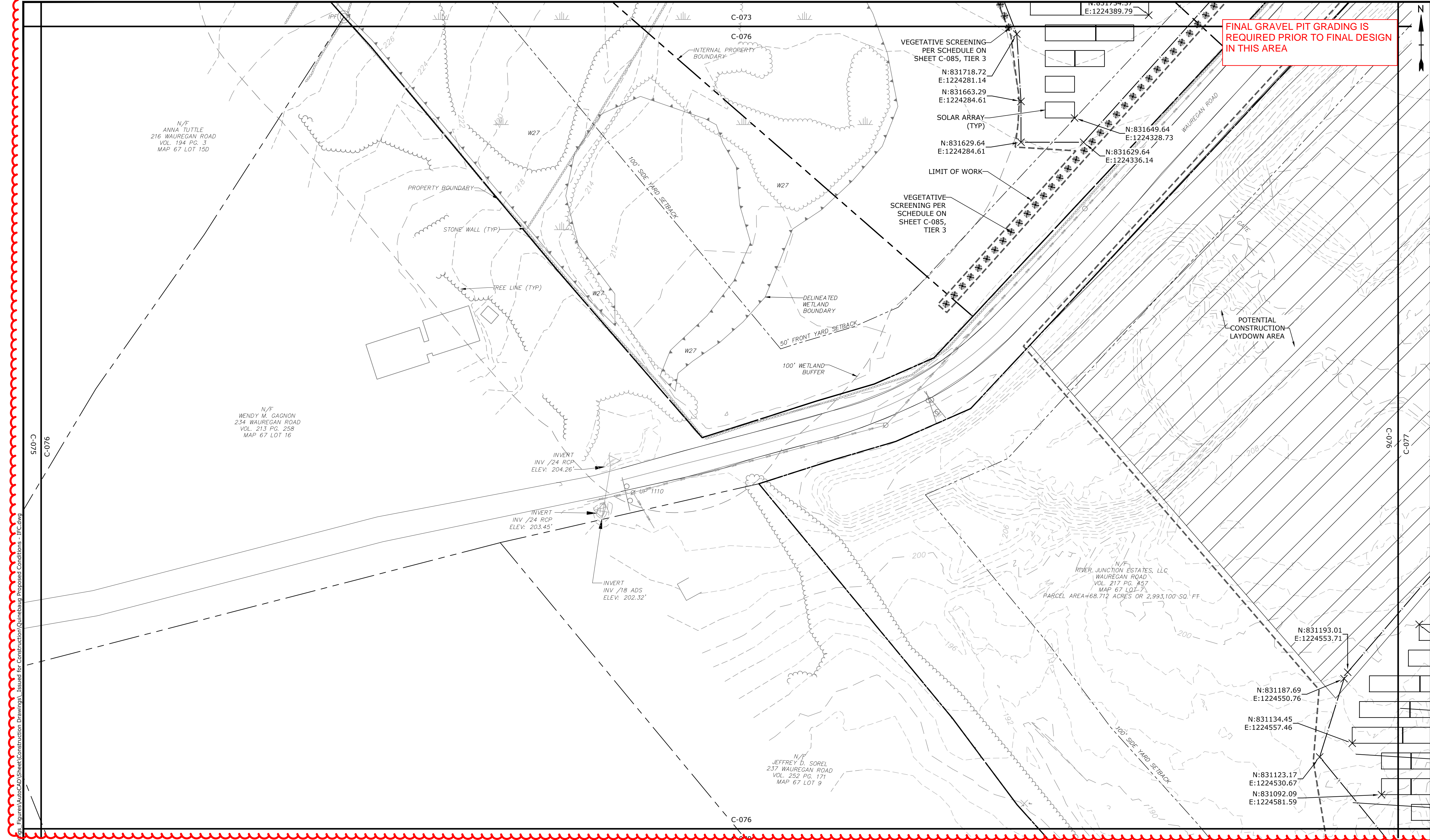
NOTE: BOLD TEXT AND LINES
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LIGHT TEXT AND LINES INDICATE
APPROXIMATE EXISTING
CONDITIONS.



PROPERTY LINE
PROPERTY LINE SETBACK
EASEMENT LINE
EXISTING INTERMEDIATE CONTOURS
EXISTING INDEX CONTOURS
PROPOSED INTERMEDIATE CONTOURS
PROPOSED INDEX CONTOURS
GRAVEL ROAD/DRIVEWAY
UNDERGROUND ELECTRIC LINE
OVERHEAD ELECTRIC LINE
CHAIN LINK FENCE
LIMITS OF WORK
TOWN BOUNDARY
EXISTING TREE LINE
DIRECTIONAL BUFFER / VERNAL POOL
ENVELOPE



KEY MAP - SCALE: 1" = 2,000'



LEGEND

PROPERTY LINE
PROPERTY LINE SETBACK
EASEMENT LINE
EXISTING INTERMEDIATE CONTOURS
EXISTING INDEX CONTOURS
PROPOSED INTERMEDIATE CONTOURS
PROPOSED INDEX CONTOURS
GRAVEL ROAD/DRIVEWAY
UNDERGROUND ELECTRIC LINE
OVERHEAD ELECTRIC LINE
CHAIN LINK FENCE
LIMITS OF WORK
TOWN BOUNDARY
EXISTING TREE LINE
DIRECTIONAL BUFFER / VERNAL POOL
ENVELOPE

HERPETOFAUNA PROTECTION AREA
CULTURAL RESOURCE AREA TO BE AVOIDED
AND PROTECTED DURING CONSTRUCTION
STONE WALL
WETLAND BUFFER
WATERCOURSE BUFFER
DELINEATED WATERCOURSE
VERNAL POOL
DELINEATED WETLAND
REMOVE/REMOVE AND DISPOSE
AREA OF PROPOSED TREE CLEARING -
STUMPS TO REMAIN
AREA OF PROPOSED TREE CLEARING
AND STUMP REMOVAL
LIMIT OF CLEARING

WETLAND
TIER 1 PLANTINGS
TIER 2 PLANTINGS
TIER 3 PLANTINGS
UTILITY POLE
LIGHT POLE
FLARED END SECTION
SPOT GRADE
MAGNITUDE & DIRECTION OF SLOPE
CONSTRUCTION LAYDOWN AREA

NOTE: BOLD TEXT AND LINES
INDICATE PROPOSED WORK.
LIGHT TEXT AND LINES INDICATE
APPROXIMATE EXISTING
CONDITIONS.

SCALE IN FEET
0 40' 80'
GRAPHIC SCALE

Tighe&Bond

STATE OF CONNECTICUT
BRIAN S. HUNTER
No. 31180
LICENSED PROFESSIONAL ENGINEER

STATE OF CONNECTICUT
JACOB M. LACROIX
No. 33828
LICENSED PROFESSIONAL ENGINEER

05/27/21

ISSUED FOR CONSTRUCTION

Quinebaug Solar Project

Quinebaug Solar, LLC

Brooklyn & Canterbury, Connecticut

VERIFY SCALE
BAR IS 1 INCH ON ORIGINAL DRAWING
0 1 INCH
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

MARK	DATE	DESCRIPTION
PROJECT NO: R0317		
DATE: 05/2021		
FILE:Quinebaug Proposed Conditions - IFC.dwg		
DRAWN BY: ALG/JDG		
CHECKED: JMC		
APPROVED: BSH		

PROPOSED CONDITIONS - 35

SCALE: 1" = 40'

C-076

Last Saved: 5/27/2021
Plotted On: May 28, 2021 9:53am By: Jcengia
Tighe & Bond: J:\R0317_Ranger Solar\R-0317-2_Quinebaug Drawings



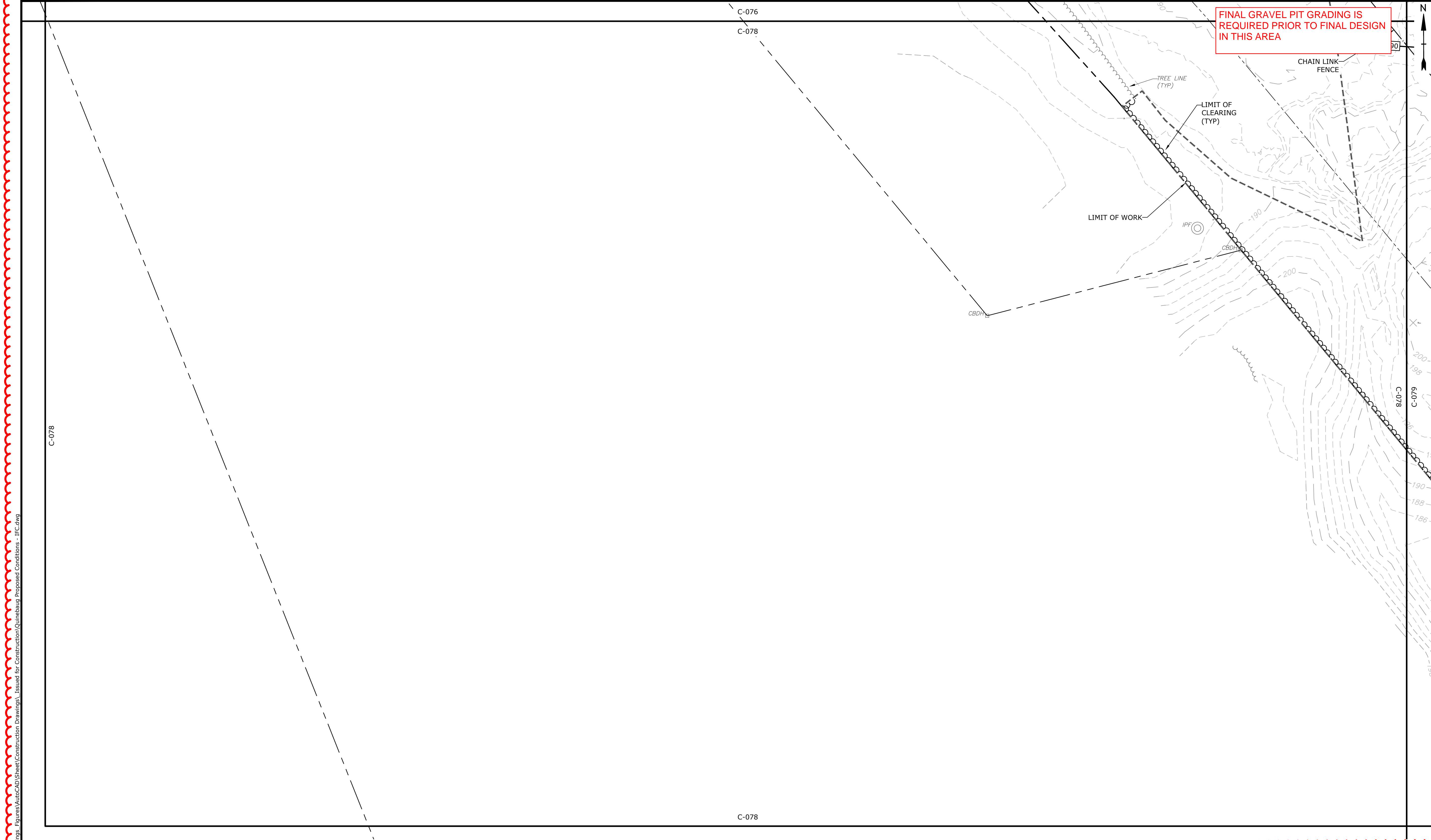
NO. 33828
LICENSED
PROFESSIONAL ENGINEER
GARY M. CACZ
7/27/21


BAR IS 1 INCH ON
ORIGINAL DRAWING
1 INCH
IF NOT ONE INCH ON
THIS SHEET, ADJUST
SCALES ACCORDINGLY


C-077

KEY MAP - SCALE: 1" = 2,000'

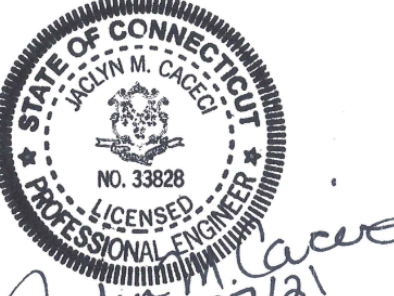
A horizontal scale bar with alternating black and white segments. It is labeled "0" at the left end, "40'" in the middle, and "80" at the right end. Above the bar is the text "SCALE IN FEET" and below the bar is the text "GRAPHIC SCALE".







12-12-21



05/12/21

ISSUED FOR CONSTRUCTION

Quinebaug Solar Project

Quinebaug Solar, LLC

Brooklyn & Canterbury, Connecticut

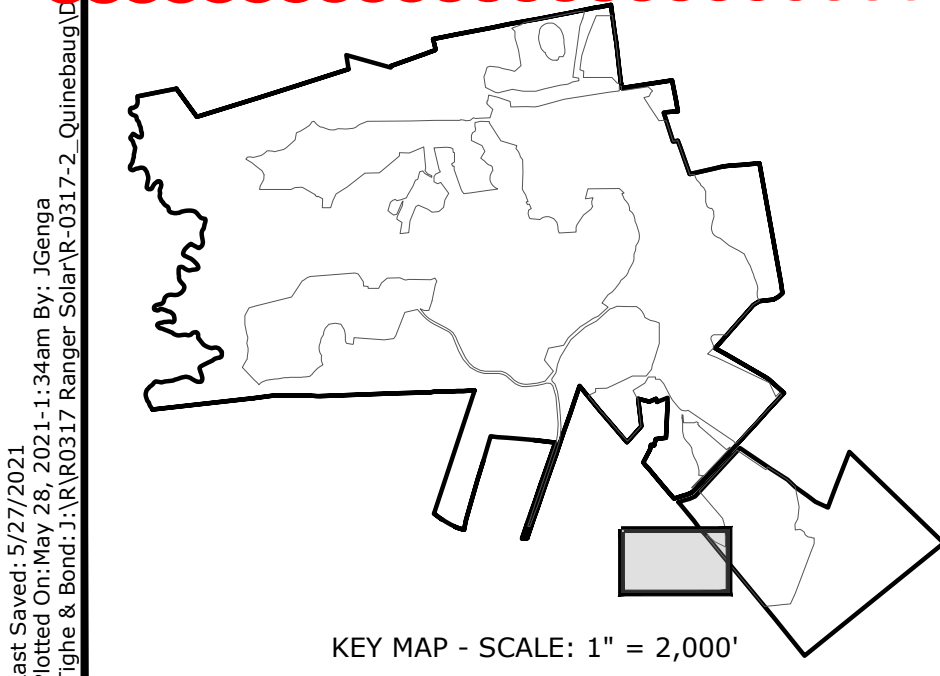
VERIFY SCALE

BAR IS 1 INCH ON ORIGINAL DRAWING

0 1 INCH

IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

MARK	DATE	DESCRIPTION
PROJECT NO: R0317		
DATE: 05/2021		
FILE:Quinebaug Proposed Conditions - IFC.dwg		
DRAWN BY: ALG/JDG		
CHECKED: JMC		
APPROVED: BSH		
PROPOSED CONDITIONS - 37		
SCALE:		1" = 40'
C-078		



PROPERTY LINE

PROPERTY LINE SETBACK

EASEMENT LINE

EXISTING INTERMEDIATE CONTOURS

EXISTING INDEX CONTOURS

PROPOSED INTERMEDIATE CONTOURS

PROPOSED INDEX CONTOURS

GRAVEL ROAD/DRIVEWAY

UNDERGROUND ELECTRIC LINE

OVERHEAD ELECTRIC LINE

CHAIN LINK FENCE

LIMITS OF WORK

TOWN BOUNDARY

EXISTING TREE LINE

DIRECTIONAL BUFFER / VERNAL POOL

ENVELOPE

HERPETOFAUNA PROTECTION AREA

CULTURAL RESOURCE AREA TO BE AVOIDED AND PROTECTED DURING CONSTRUCTION

STONE WALL

WETLAND BUFFER

WATERCOURSE BUFFER

DELINEATED WATERCOURSE

VERNAL POOL

DELINEATED WETLAND

REMOVE/REMOVE AND DISPOSE

AREA OF PROPOSED TREE CLEARING - STUMPS TO REMAIN

AREA OF PROPOSED TREE CLEARING AND STUMP REMOVAL

LIMIT OF CLEARING

WETLAND

TIER 1 PLANTINGS

TIER 2 PLANTINGS

TIER 3 PLANTINGS

UTILITY POLE

LIGHT POLE

FLARED END SECTION

SPOT GRADE

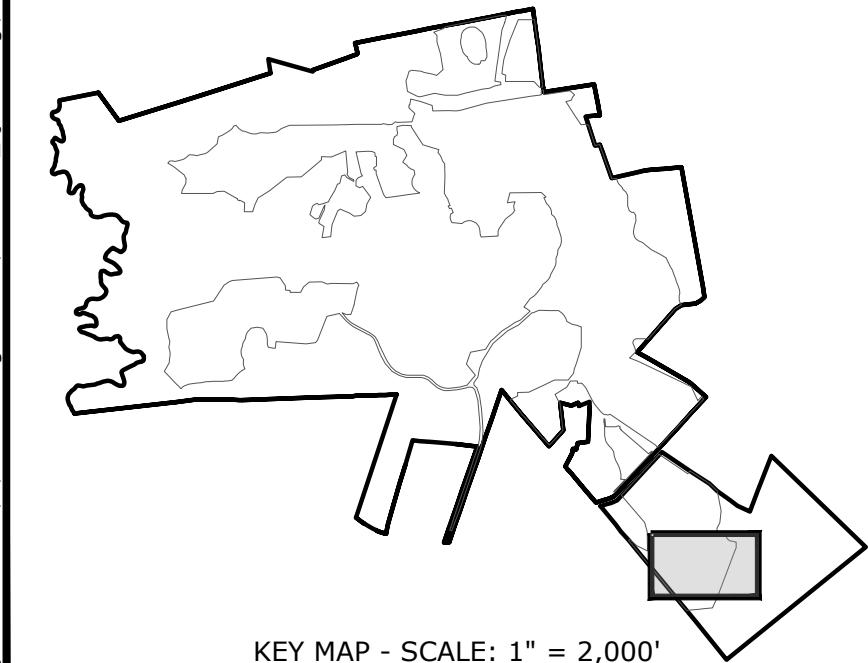
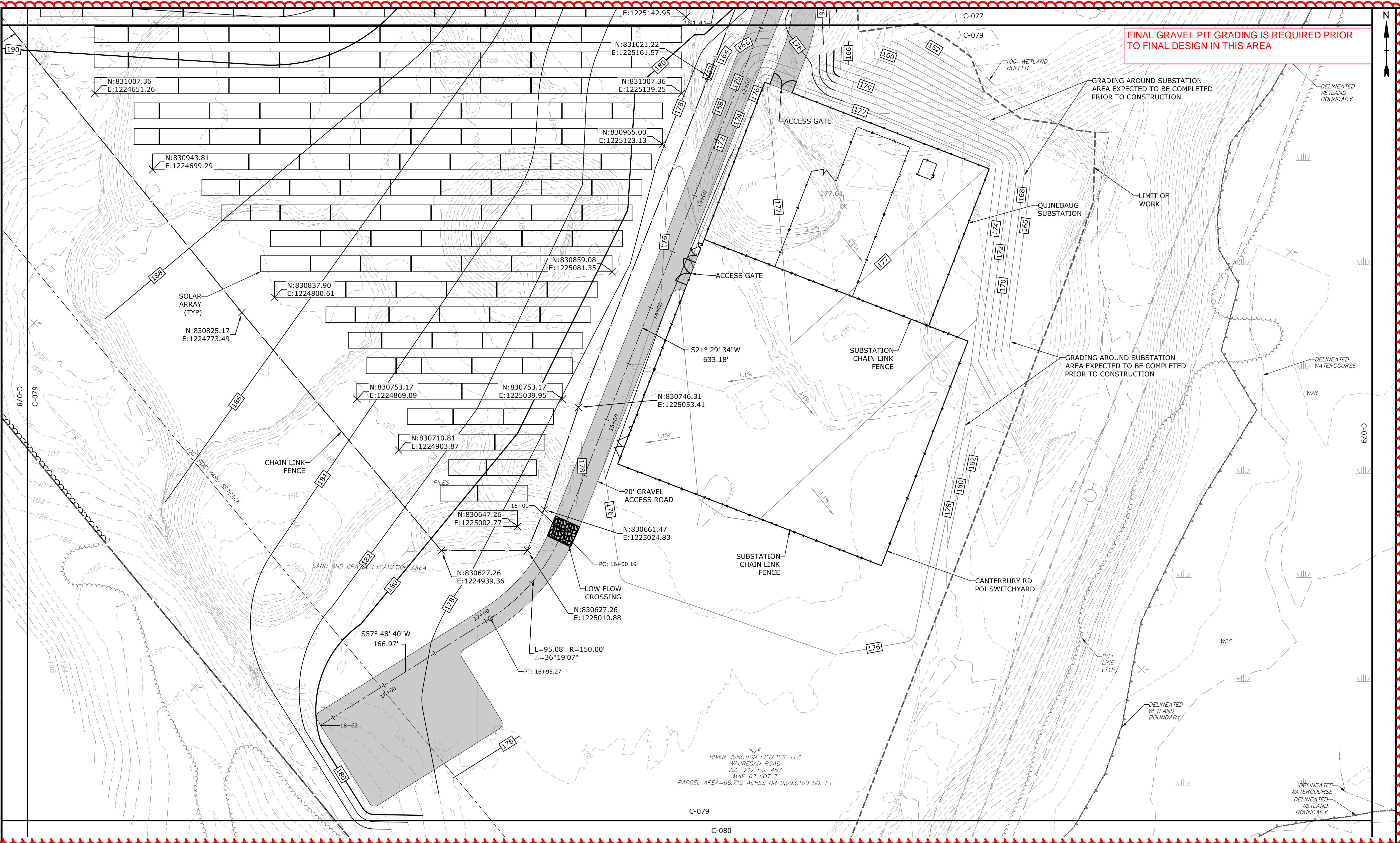
MAGNITUDE & DIRECTION OF SLOPE

CONSTRUCTION LAYDOWN AREA

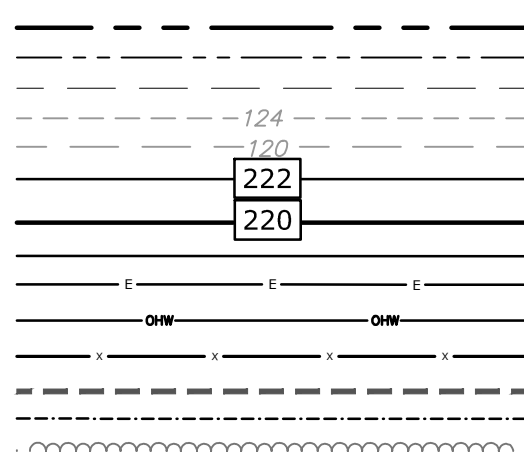
NOTE: BOLD TEXT AND LINES INDICATE PROPOSED WORK. LIGHT TEXT AND LINES INDICATE APPROXIMATE EXISTING CONDITIONS.

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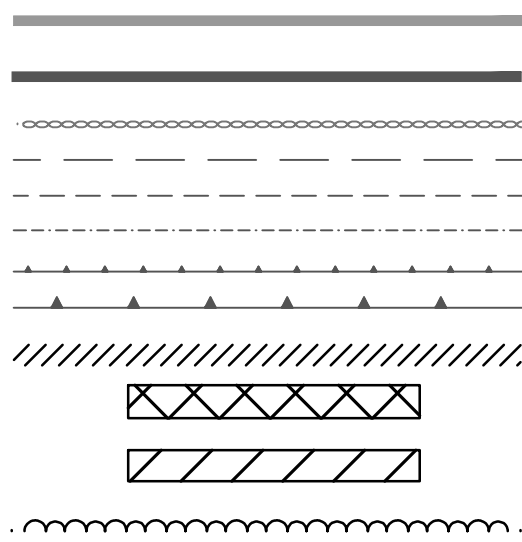
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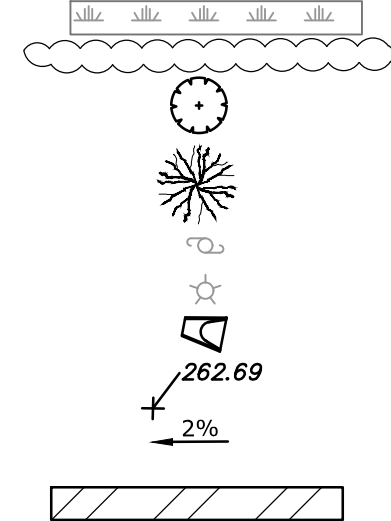
PROPERTY LINE
PROPERTY LINE SETBACK
EASEMENT LINE
EXISTING INTERMEDIATE CONTOURS
EXISTING INDEX CONTOURS
PROPOSED INTERMEDIATE CONTOURS
PROPOSED INDEX CONTOURS
GRAVEL ROAD/DRIVEWAY
UNDERGROUND ELECTRIC LINE
OVERHEAD ELECTRIC LINE
CHAIN LINK FENCE
LIMITS OF WORK
TOWN BOUNDARY
EXISTING TREE LINE
DIRECTIONAL BUFFER / VERNAL POOL
ENVELOPE



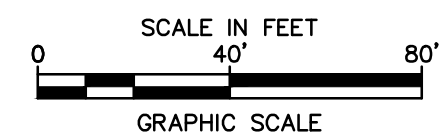
HERPETOFAUNA PROTECTION AREA
CULTURAL RESOURCE AREA TO BE AVOIDED
AND PROTECTED DURING CONSTRUCTION
STONE WALL
WETLAND BUFFER
WATERCOURSE BUFFER
DELINEATED WATERCOURSE
VERNAL POOL
DELINEATED WETLAND
REMOVE/REMOVE AND DISPOSE
AREA OF PROPOSED TREE CLEARING -
STUMPS TO REMAIN
AREA OF PROPOSED TREE CLEARING
AND STUMP REMOVAL
LIMIT OF CLEARING



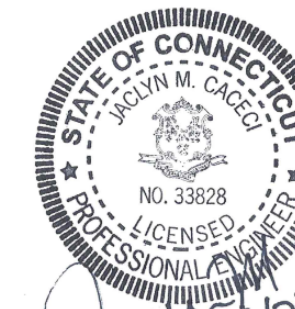
WETLAND
TIER 1 PLANTINGS
TIER 2 PLANTINGS
TIER 3 PLANTINGS
UTILITY POLE
LIGHT POLE
FLARED END SECTION
SPOT GRADE
MAGNITUDE & DIRECTION OF SLOPE
CONSTRUCTION LAYDOWN AREA



NOTE: BOLD TEXT AND LINES
INDICATE PROPOSED WORK.
LIGHT TEXT AND LINES INDICATE
APPROXIMATE EXISTING
CONDITIONS.



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**Quinebaug
Solar, LLC**

**Brooklyn &
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VERIFY SCALE

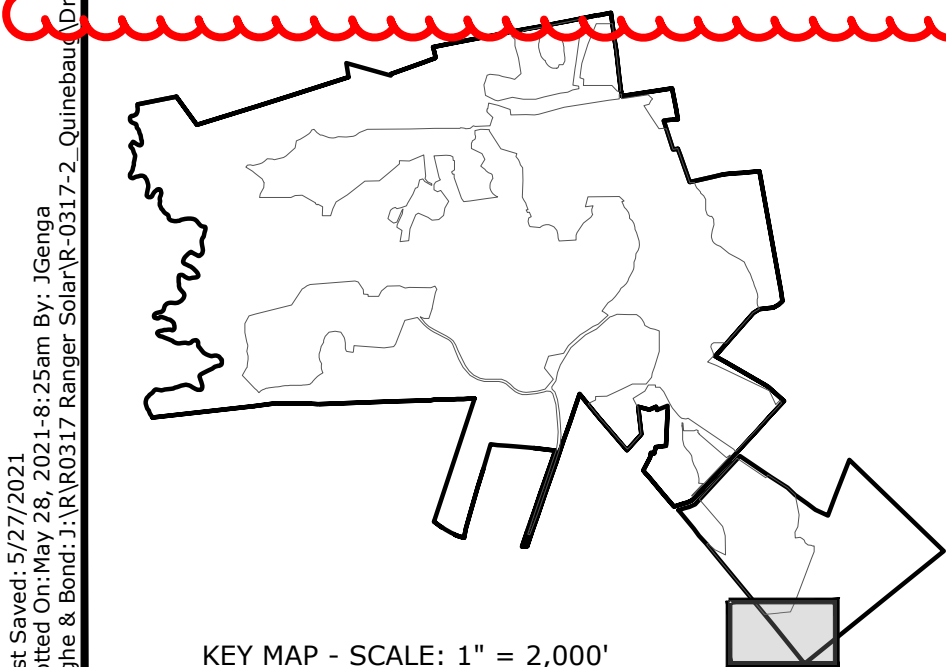
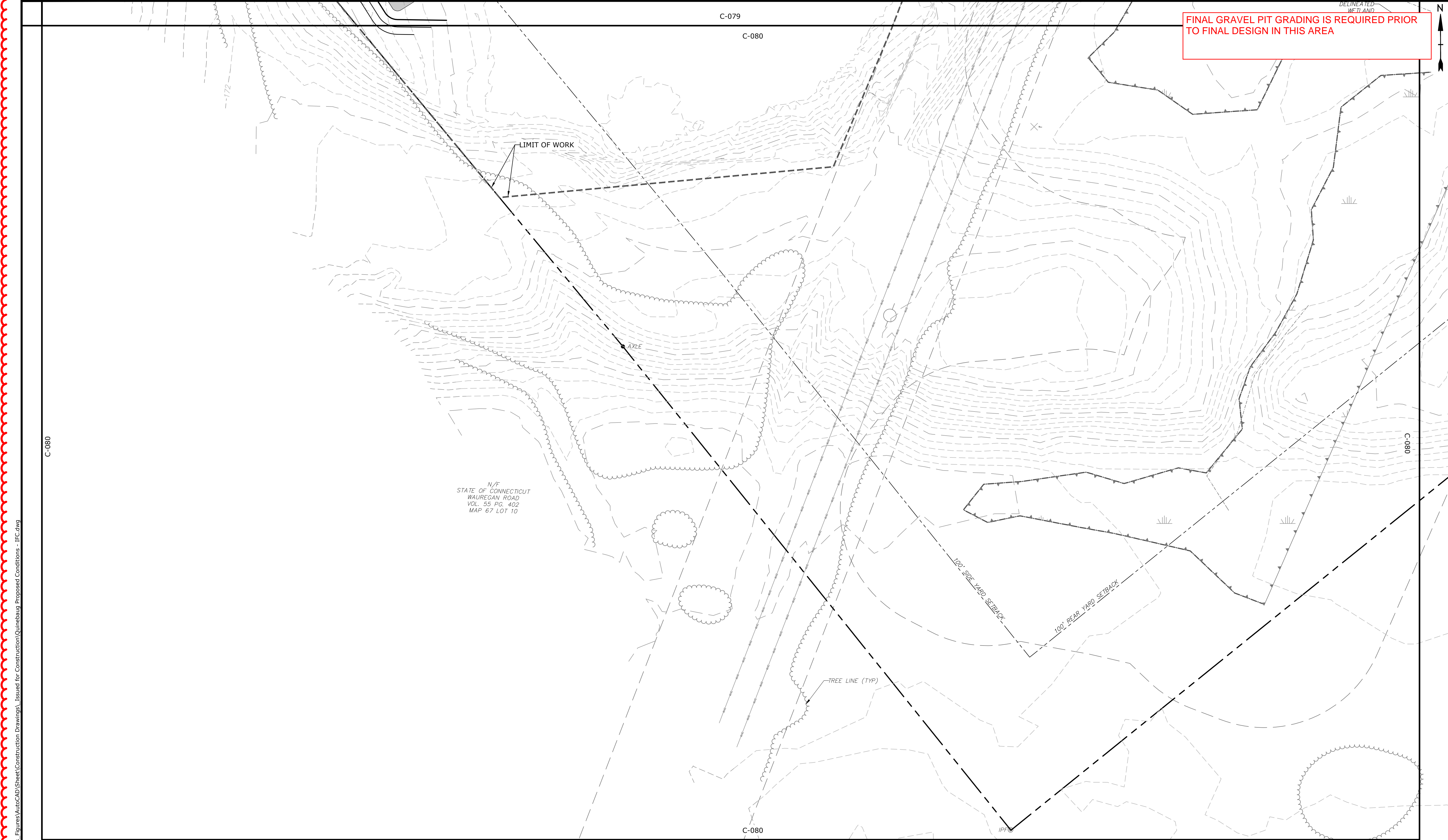
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ORIGINAL DRAWING
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IF NOT ONE INCH ON
THIS SHEET, ADJUST
SCALES ACCORDINGLY

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DATE:	05/2021	
FILE:	Quinebaug Proposed Conditions - IFC.dwg	
DRAWN BY:	ALG/JDG	
CHECKED:	JMC	
APPROVED:	BSH	

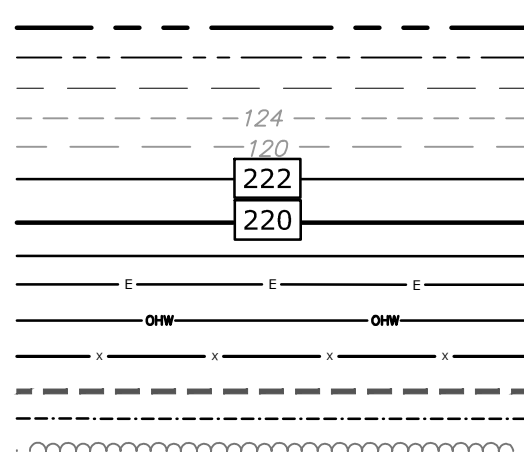
PROPOSED CONDITIONS - 38

SCALE: 1" = 40'

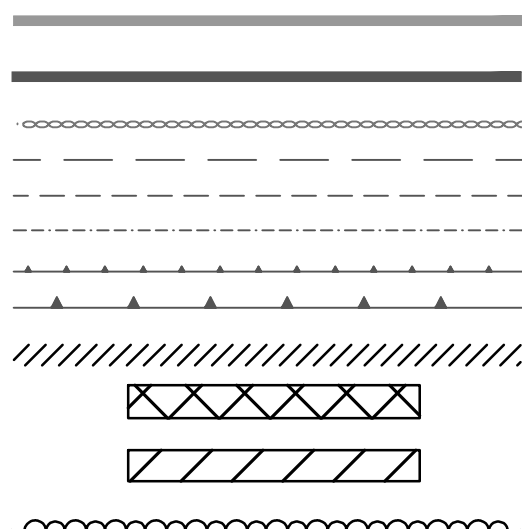
C-079



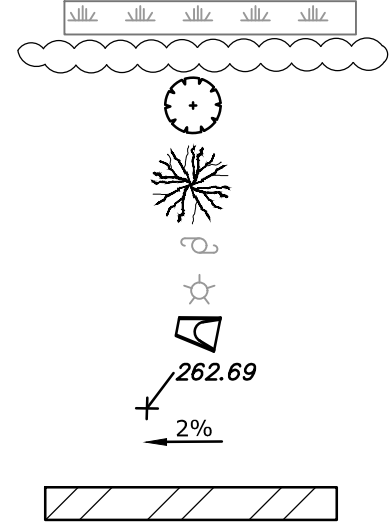
PROPERTY LINE
PROPERTY LINE SETBACK
EASEMENT LINE
EXISTING INTERMEDIATE CONTOURS
EXISTING INDEX CONTOURS
PROPOSED INTERMEDIATE CONTOURS
PROPOSED INDEX CONTOURS
GRAVEL ROAD/DRIVEWAY
UNDERGROUND ELECTRIC LINE
OVERHEAD ELECTRIC LINE
CHAIN LINK FENCE
LIMITS OF WORK
TOWN BOUNDARY
EXISTING TREE LINE
DIRECTIONAL BUFFER / VERNAL POOL
ENVELOPE



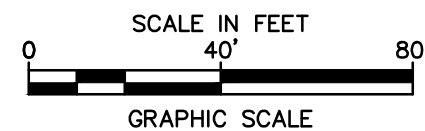
HERPETOFAUNA PROTECTION AREA
CULTURAL RESOURCE AREA TO BE AVOIDED
AND PROTECTED DURING CONSTRUCTION
STONE WALL
WETLAND BUFFER
WATERCOURSE BUFFER
DELINEATED WATERCOURSE
VERNAL POOL
DELINEATED WETLAND
REMOVE/REMOVE AND DISPOSE
AREA OF PROPOSED TREE CLEARING -
STUMPS TO REMAIN
AREA OF PROPOSED TREE CLEARING
AND STUMP REMOVAL
LIMIT OF CLEARING



WETLAND
TIER 1 PLANTINGS
TIER 2 PLANTINGS
TIER 3 PLANTINGS
UTILITY POLE
LIGHT POLE
FLARED END SECTION
SPOT GRADE
MAGNITUDE & DIRECTION OF SLOPE
CONSTRUCTION LAYDOWN AREA



NOTE: BOLD TEXT AND LINES
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LIGHT TEXT AND LINES INDICATE
APPROXIMATE EXISTING
CONDITIONS.



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10/25/2021

10/25/2021

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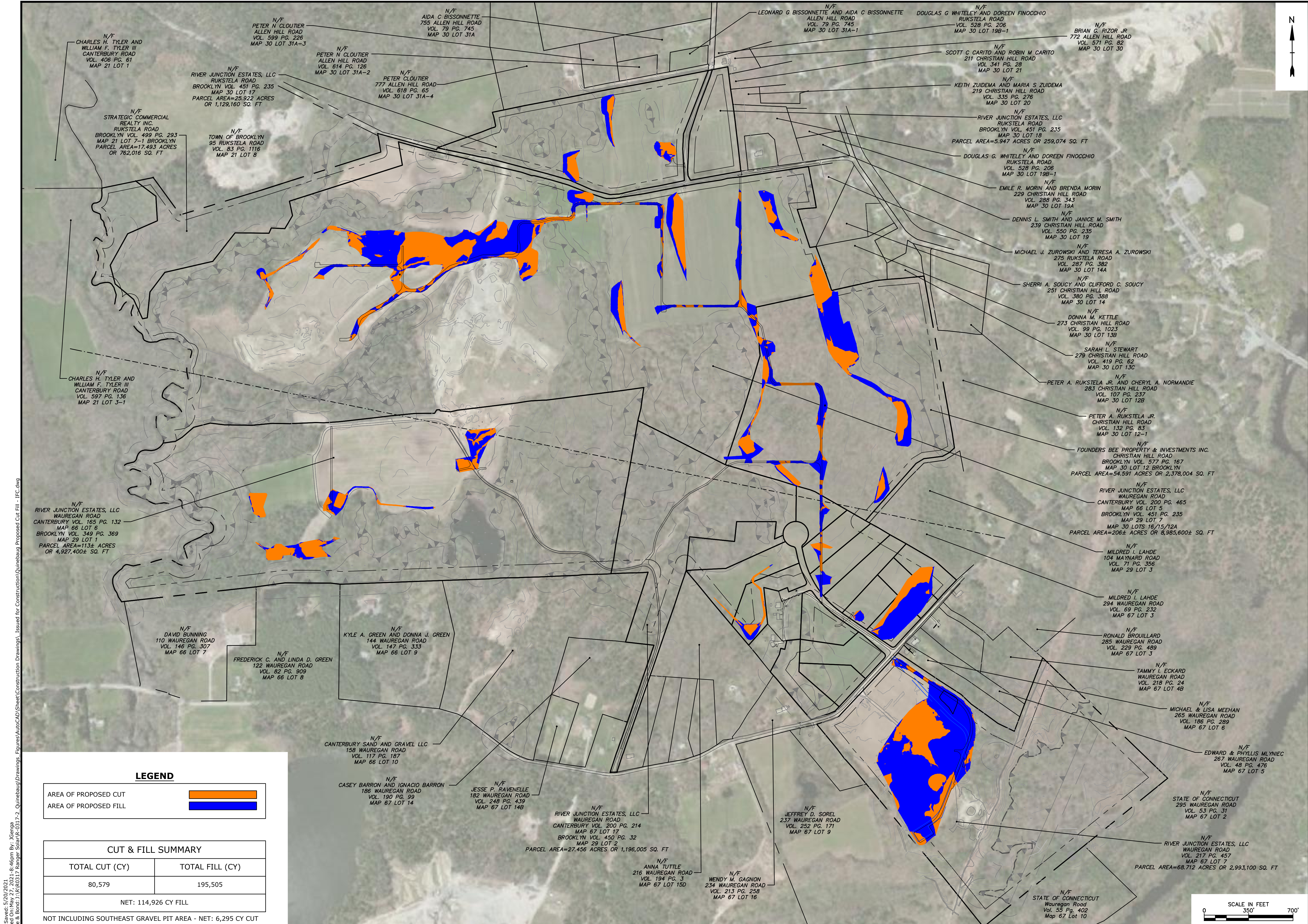
Quinebaug Solar Project

Quinebaug Solar, LLC

Brooklyn & Canterbury, Connecticut

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PROJECT NO: R0317		
DATE: 05/2021		
FILE:Quinebaug Proposed Conditions - IFC.dwg		
DRAWN BY: ALG/JDG		
CHECKED: JMC		
APPROVED: BSH		
PROPOSED CONDITIONS - 39		
SCALE: 1" = 40'		
C-080		



12-27-21

10/5/21

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MARK	DATE	DESCRIPTION
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DATE: 05/2021		
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DRAWN BY: ALG/JDG		
CHECKED BY: JMC		
APPROVED BY: BSH		

CUT/FILL PLAN

SCALE: 1" = 350'

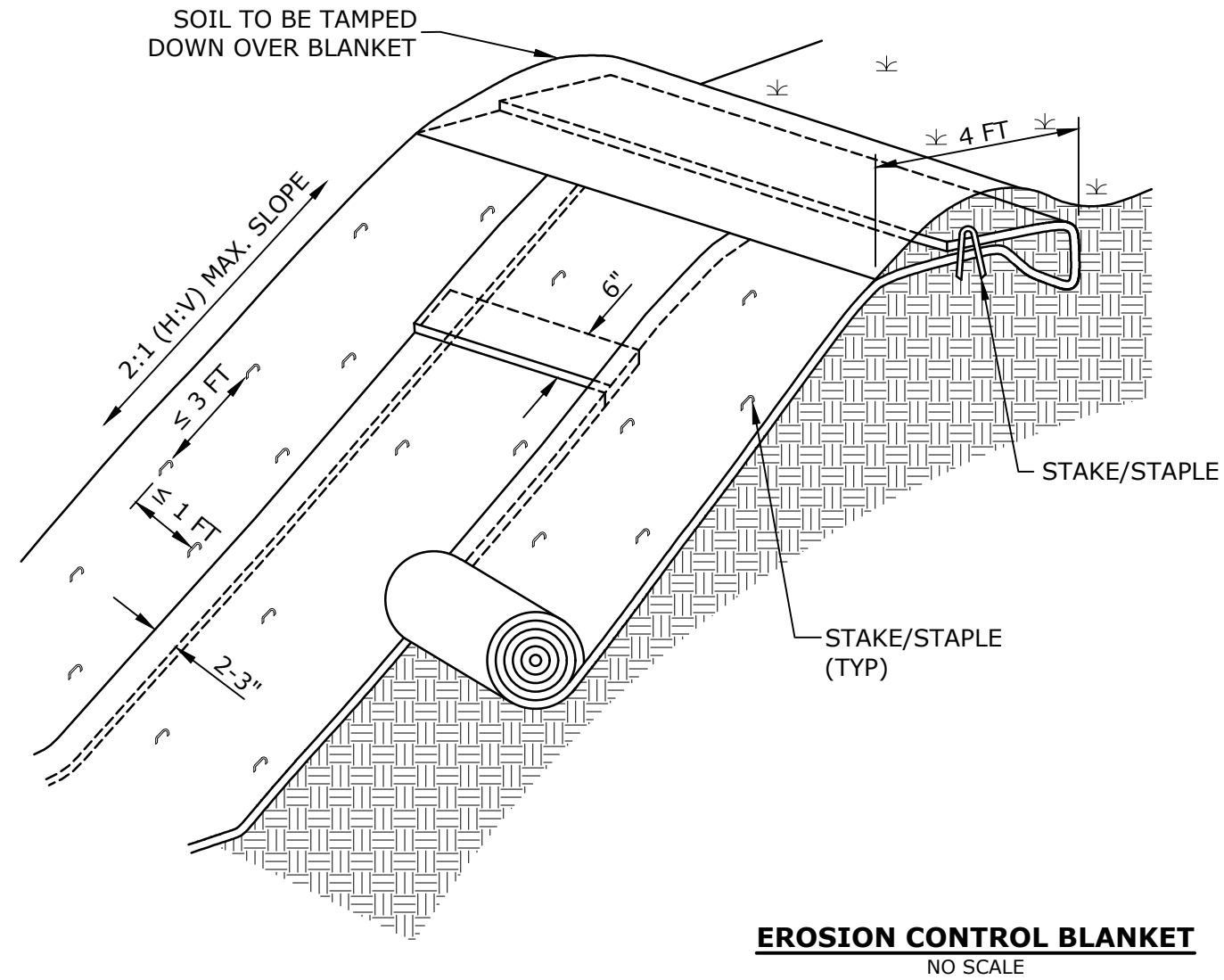
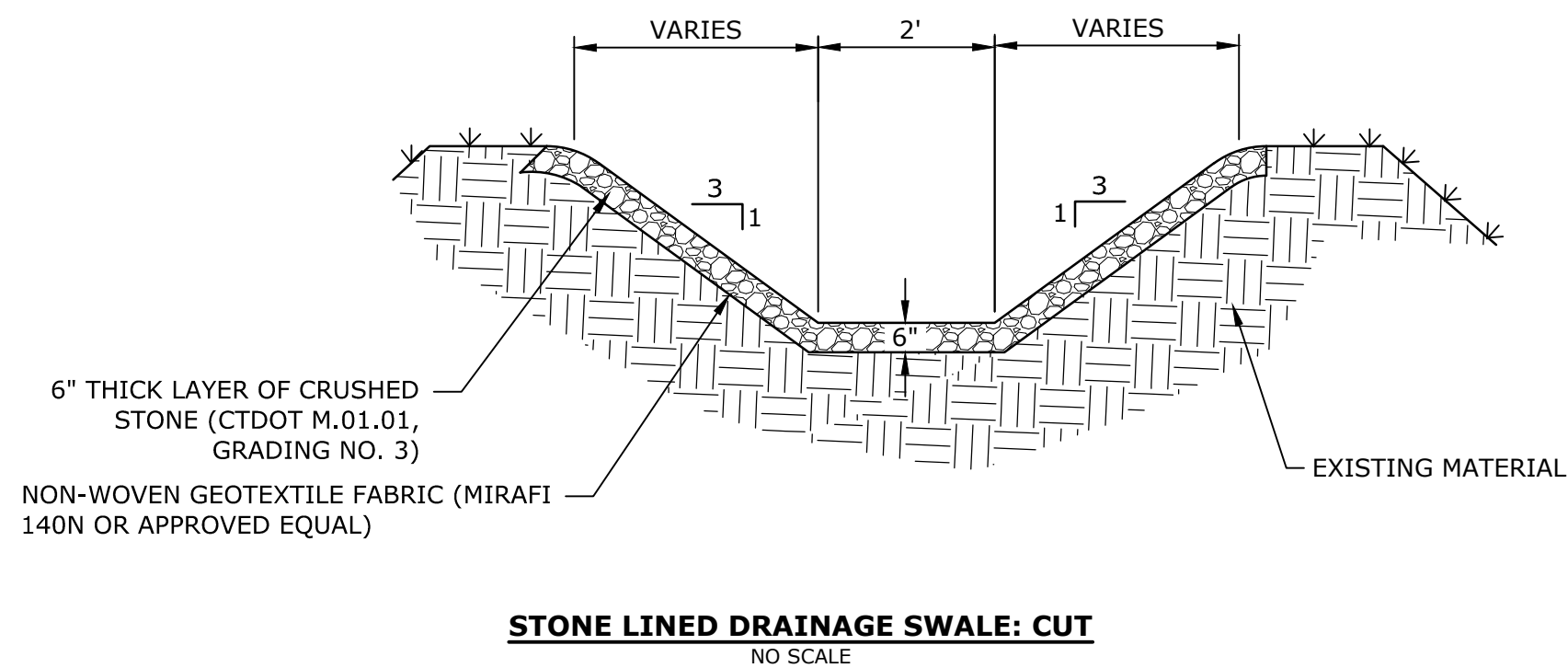
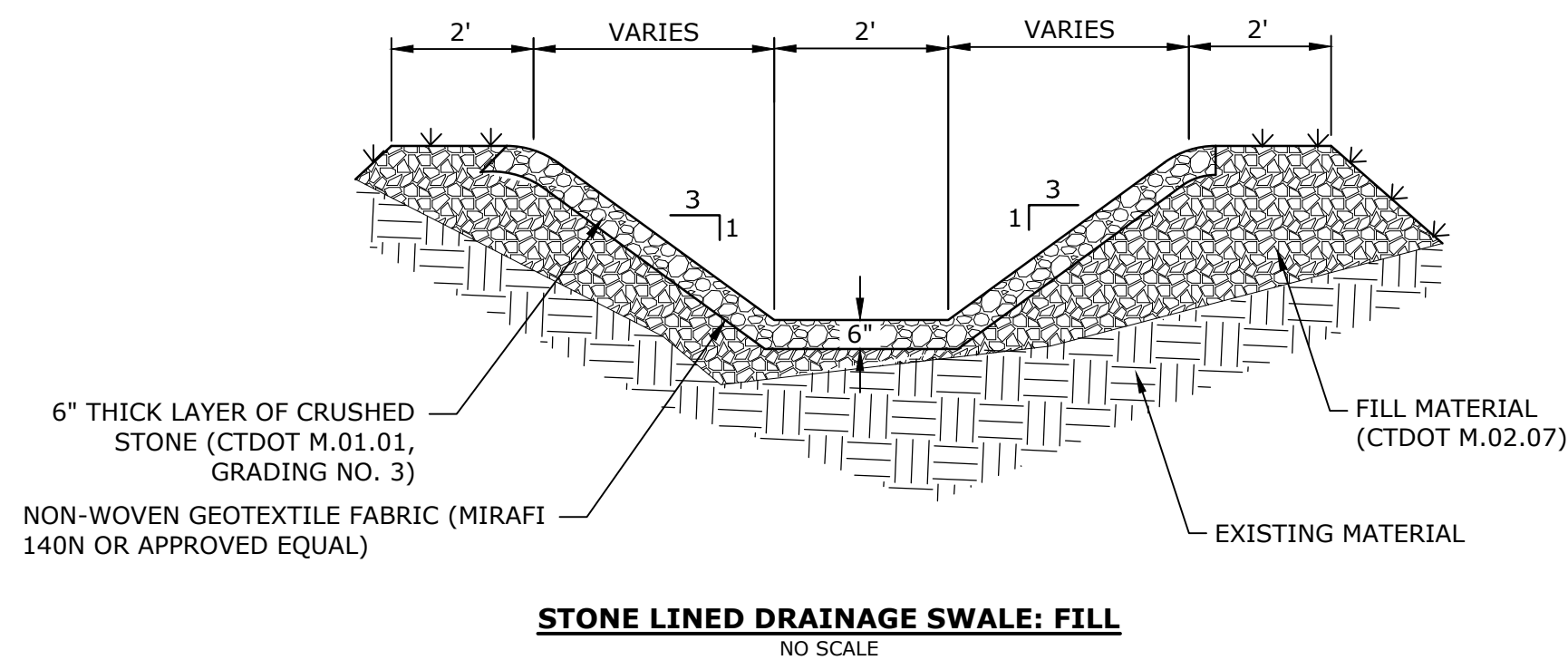
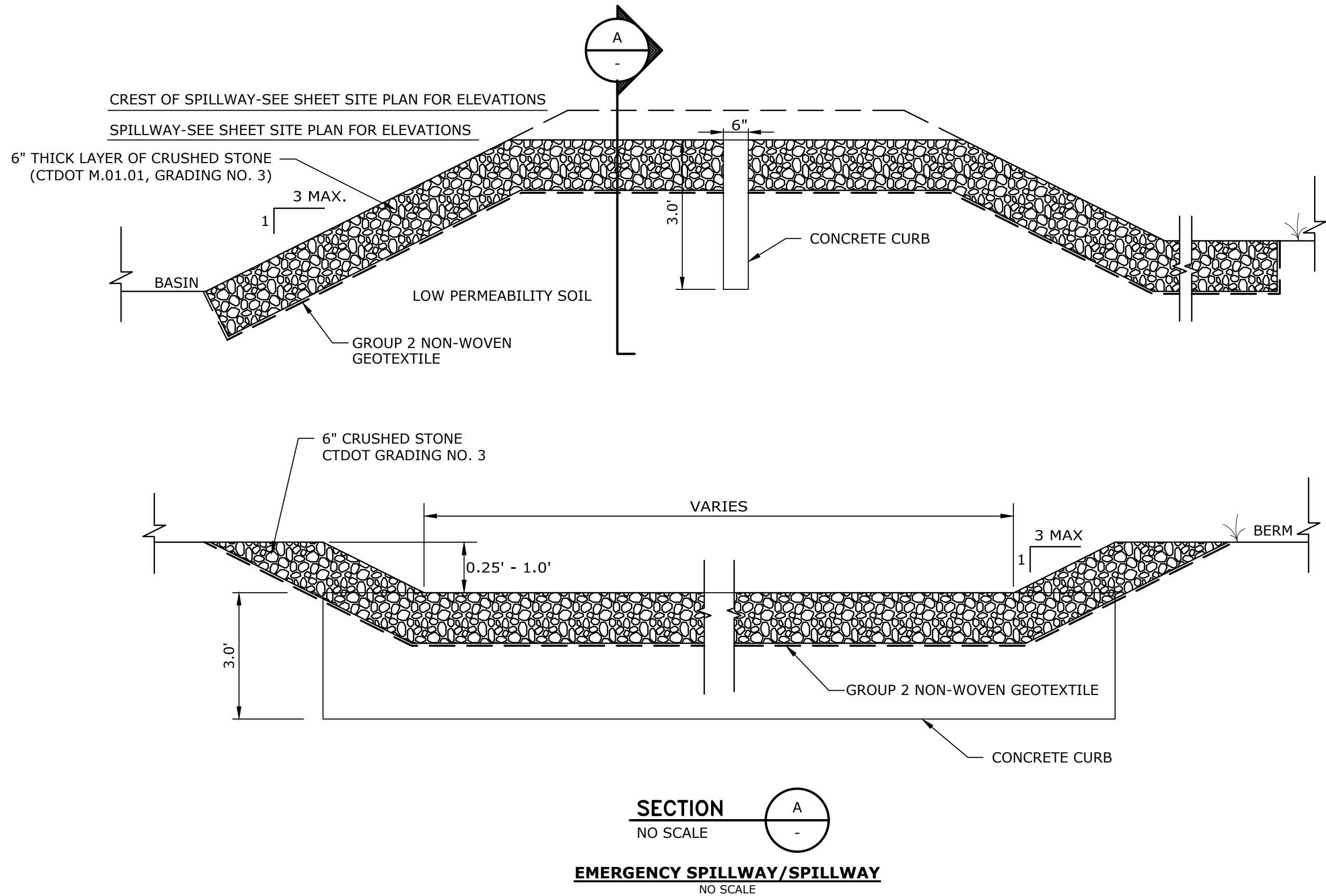
C-081

LEGEND	
AREA OF PROPOSED CUT	
AREA OF PROPOSED FILL	

CUT & FILL SUMMARY	
TOTAL CUT (CY)	TOTAL FILL (CY)
80,579	195,505
NET: 114,926 CY FILL	
NOT INCLUDING SOUTHEAST GRAVEL PIT AREA - NET: 6,295 CY CUT	

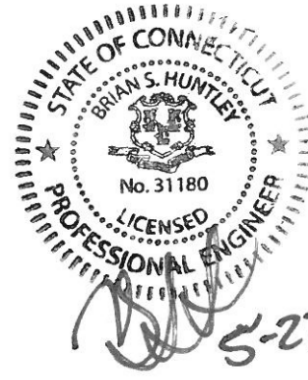
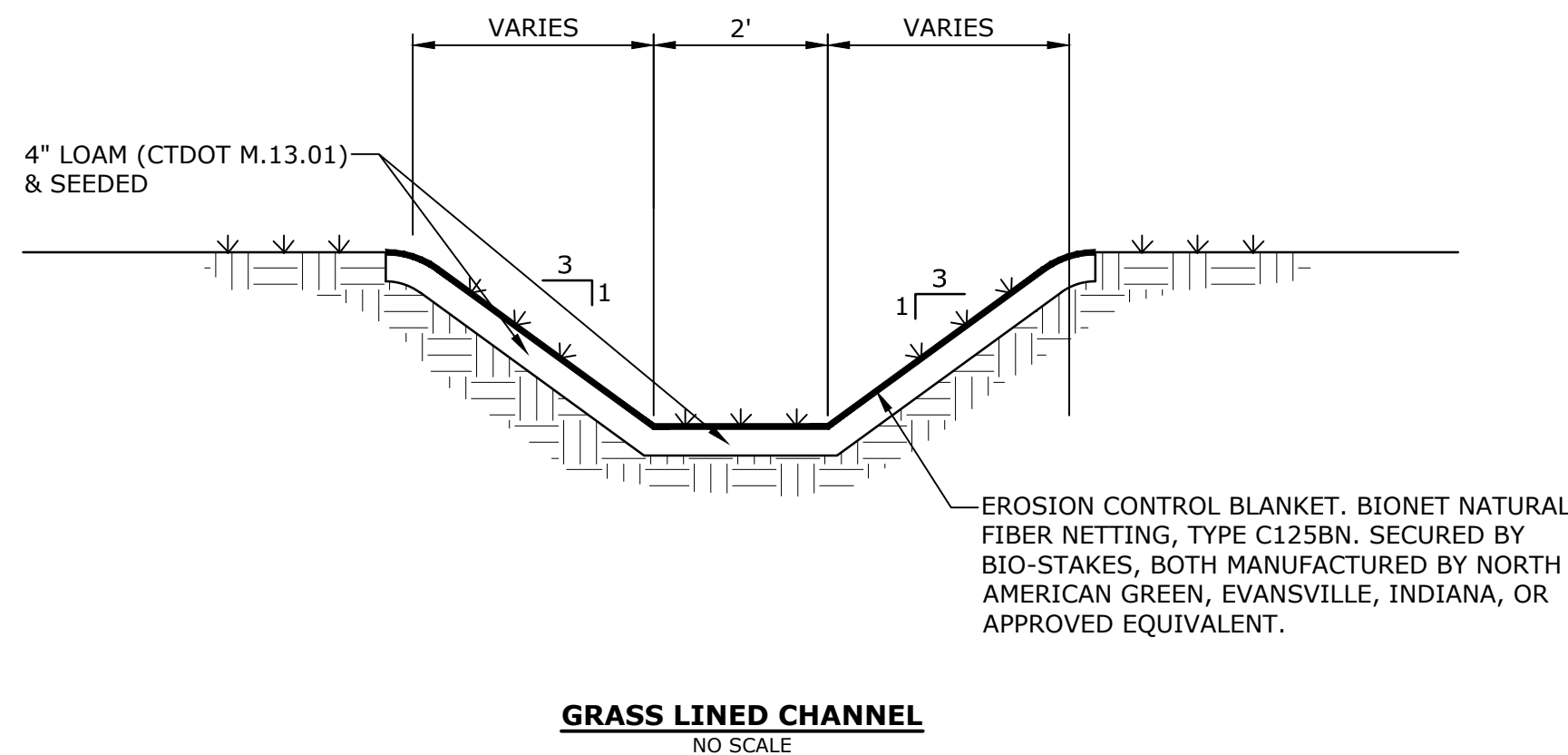
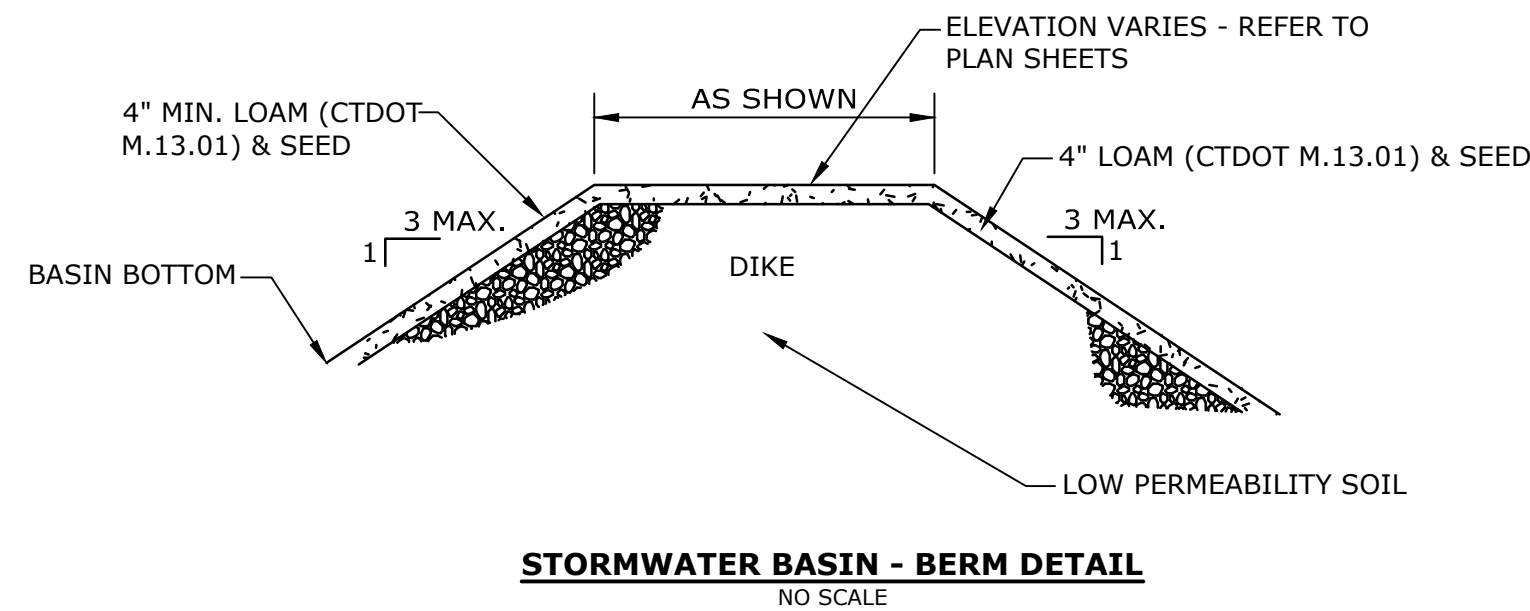
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Last Saved: 5/27/2021
 Plotted On: May 27, 2021 6:45pm By: Jcenga
 Tighe & Bond: J:\R\R0317 Ranger Solar\R-0317-2 Quinebaug Drawings: Figures\AutoCAD\Sheet Construction Drawings\ Issued for Construction\Quinebaug Details - IFC.dwg



NOTES:

1. EROSION CONTROL BLANKET TO BE INSTALLED VERTICALLY DOWNSLOPE.
2. STAKES/STAPLES TO BE PLACED NO MORE THAN 3 FT APART VERTICALLY, AND 1 FT APART HORIZONTALLY.
3. SLOPE SURFACE TO BE FREE OF STICKS, ROCKS, AND OTHER OBSTRUCTIONS.
4. BLANKETS TO BE ROLLED OUT LOOSELY AND STAKED/STAPLED TO MAINTAIN DIRECT SOIL CONTACT. DO NOT STRETCH THE BLANKETS.



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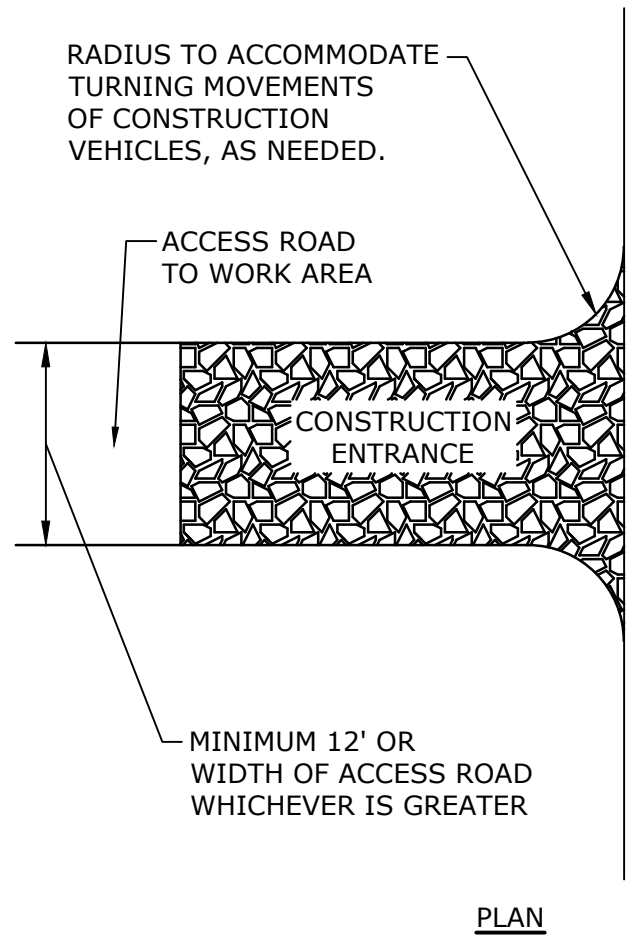
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APPROVED: BSH		

DETAILS - 1

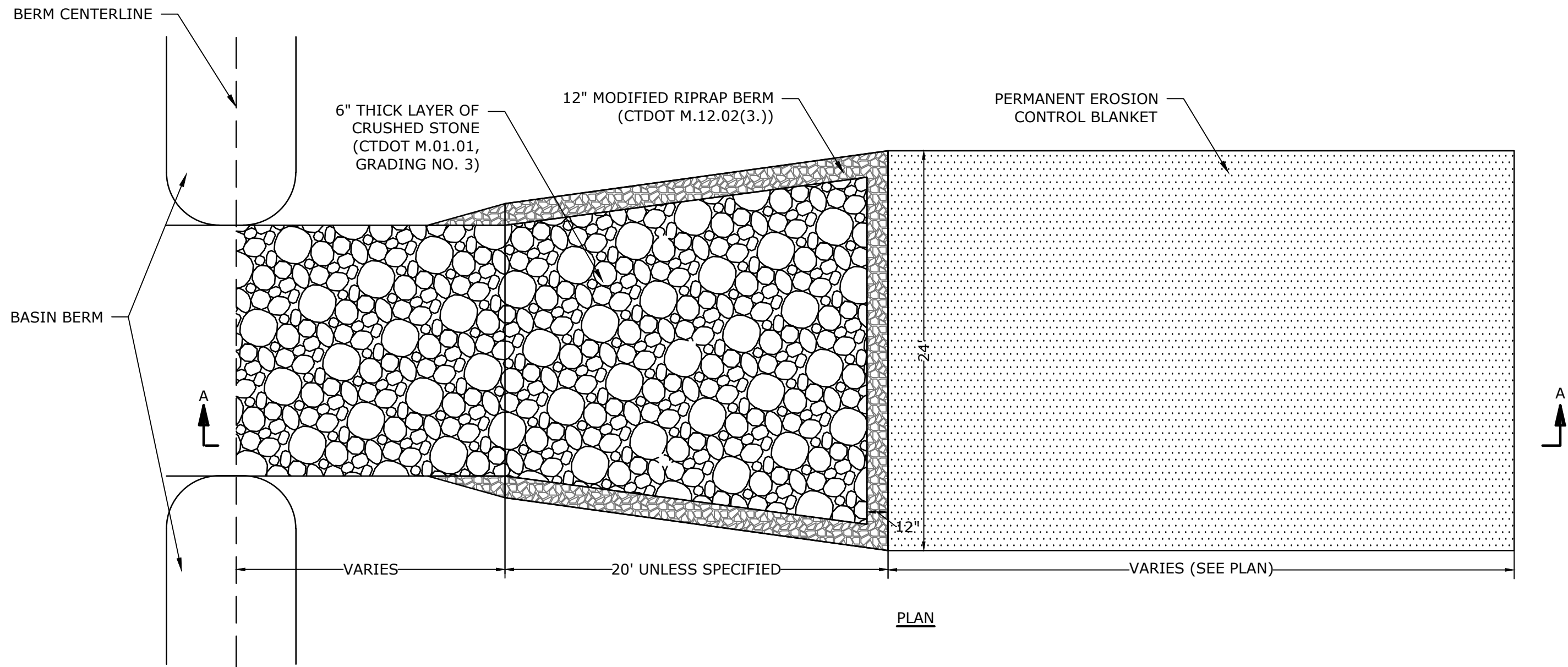
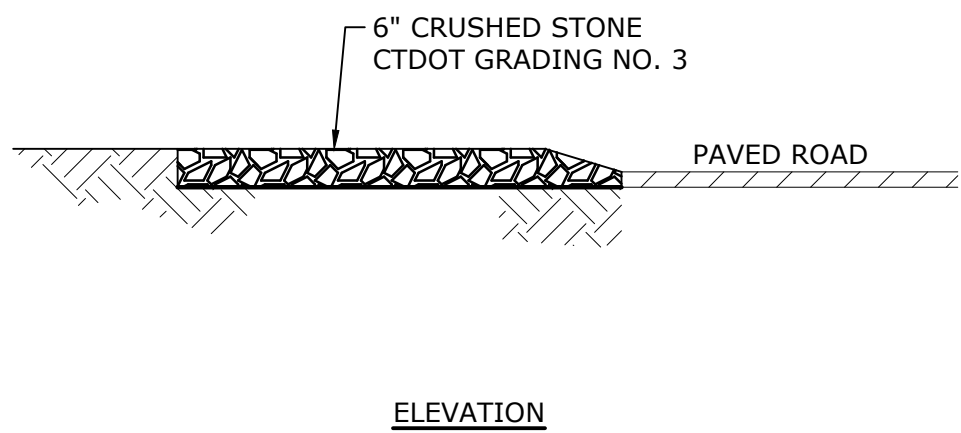
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C-082

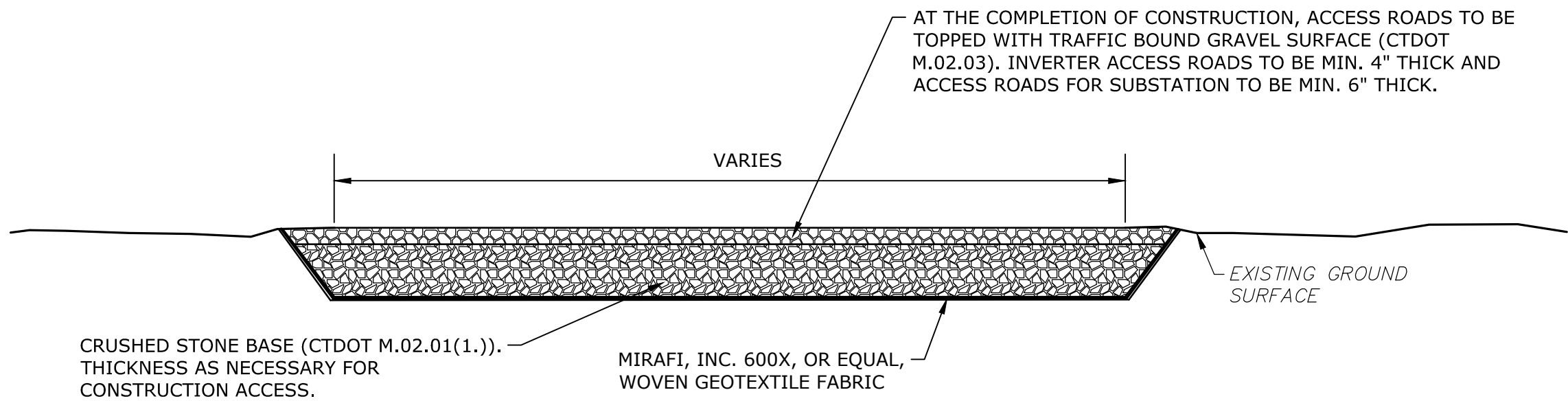
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STABILIZED CONSTRUCTION ENTRANCE
 NO SCALE

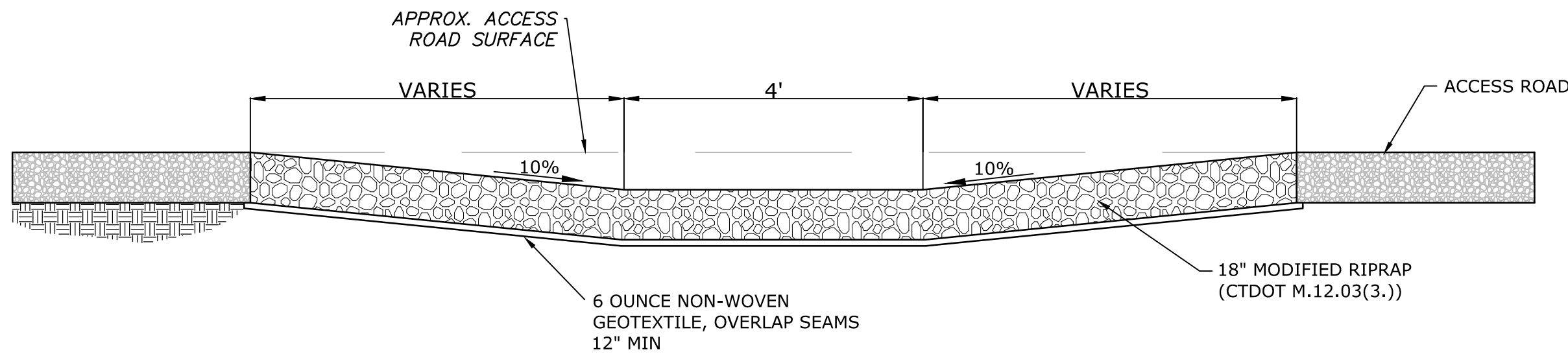


SPILLWAY LEVEL SPREADER
 NO SCALE



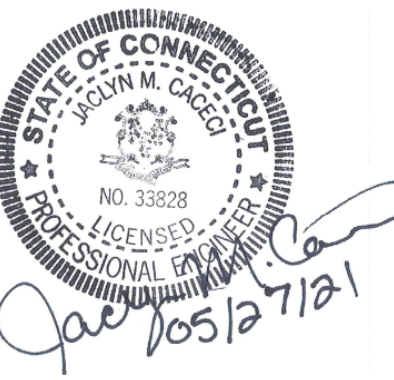
- NOTES:
- EXCAVATE UNSUITABLE MATERIAL WITHIN ROADWAY SECTION.
 - PROOF ROLL SUBGRADE PRIOR TO PLACEMENT OF GEOTEXTILE FABRIC AND STONE.
 - MAINTAIN ROAD SURFACE THROUGHOUT CONSTRUCTION AND OPERATION AS NECESSARY TO ADDRESS ANY RUTTING.
 - STOCKPILE AGRICULTURAL SOILS IN ACCORDANCE WITH QUINEBAUG SOLAR, LLC SOIL MITIGATION PLAN.

TYPICAL ACCESS ROAD SECTION
 NO SCALE



LOW FLOW CROSSING
 NO SCALE

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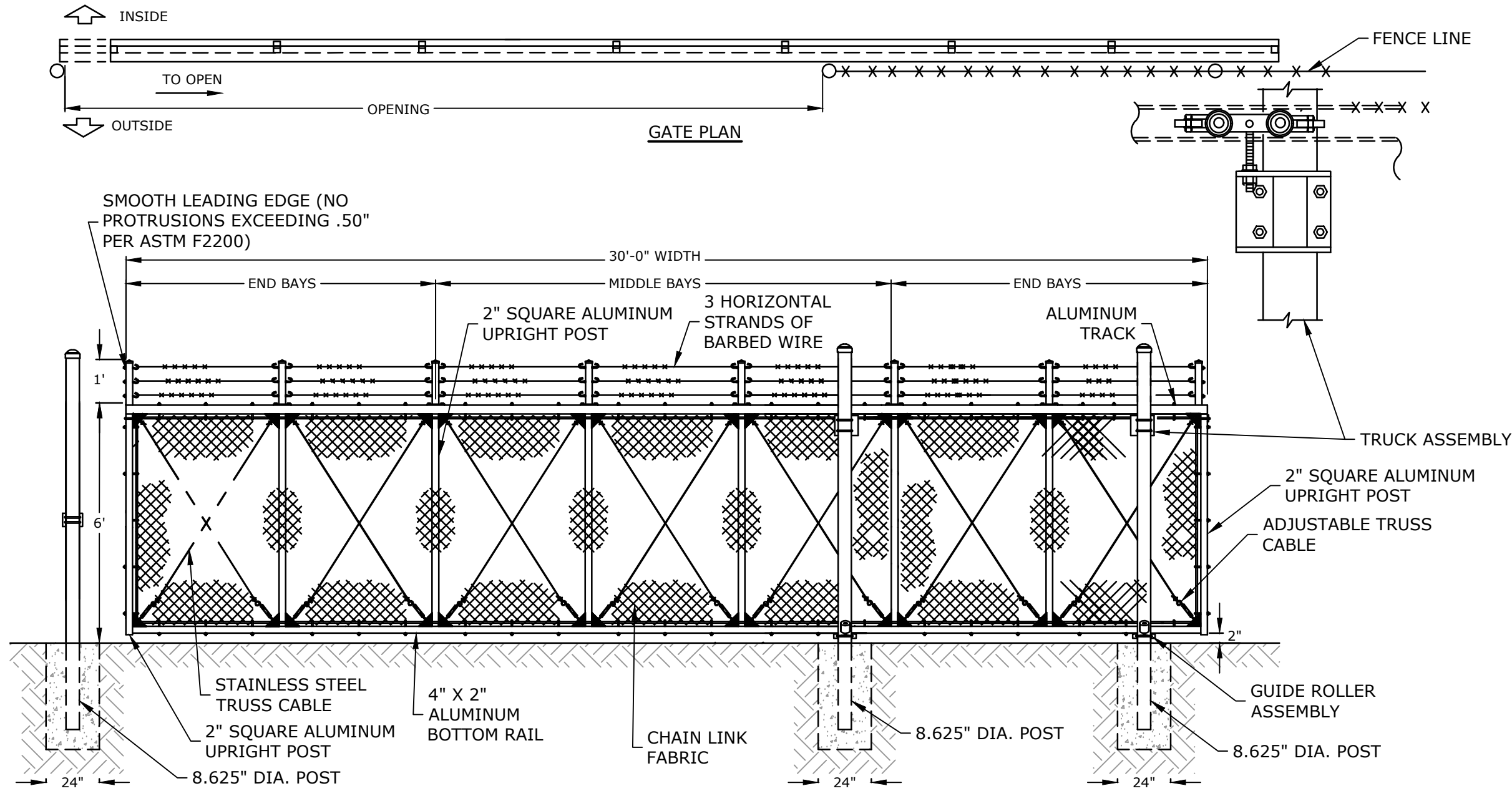
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DETAILS - 2

SCALE: AS SHOWN

C-083

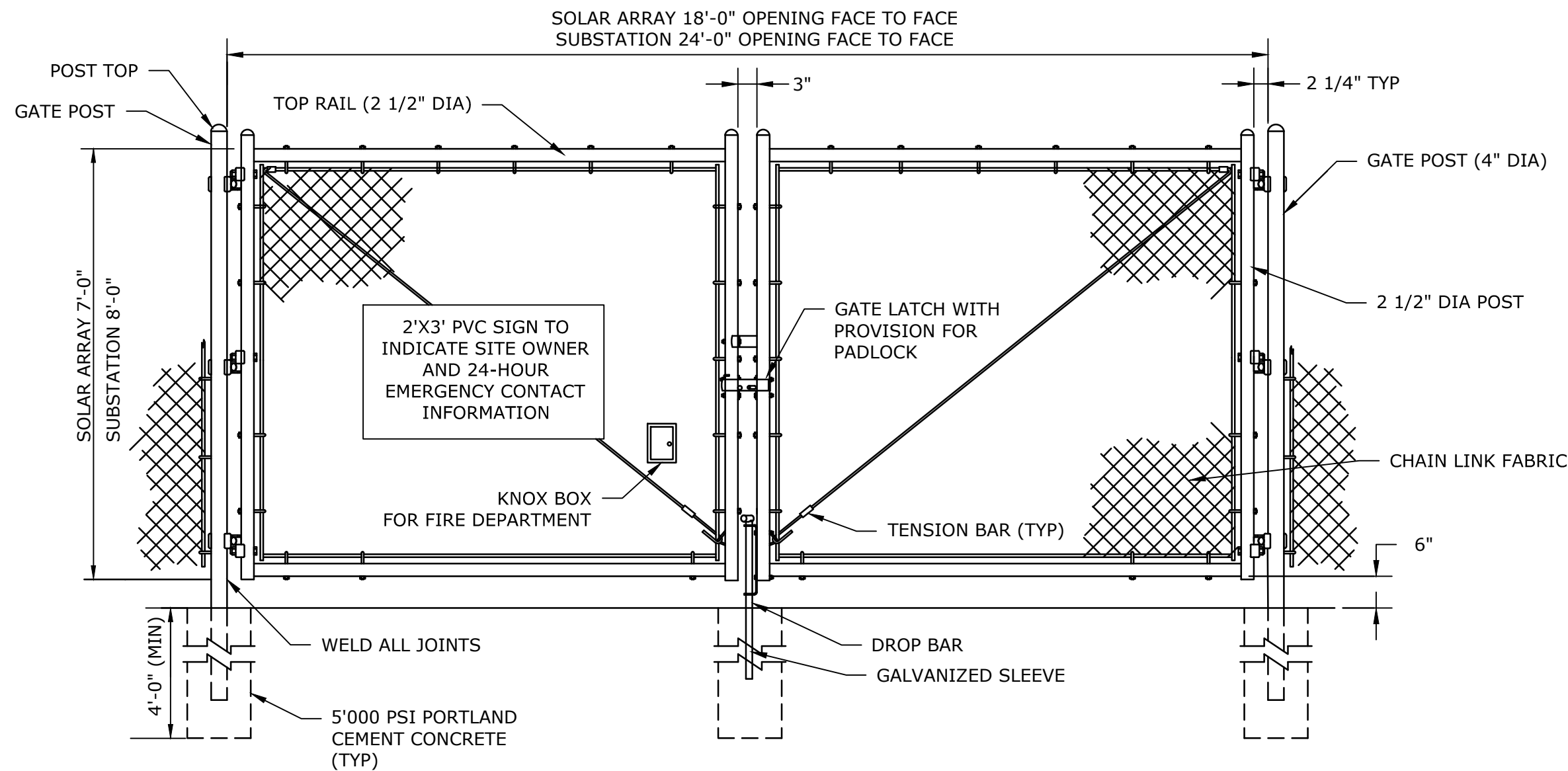
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 Tighe & Bond: J:\R0317 Rander Solar\R-0317-2 Quinebaug Drawings Figures\AutoCAD\Sheet Construction Drawings\ Issued for Construction\Quinebaug Details - IFC.dwg



NOTES:

1. ALL GATE FRAMES SHALL BE A MINIMUM 1.90" NOMINAL (ROUND) OR 2.00" NOMINAL (SQUARE). GATE FRAMES SHALL BE OF WELDED CONSTRUCTION OR SHALL BE ASSEMBLED USING HEAVY FITTINGS. AT CONTRACTOR'S OPTION A WELDED HORIZONTAL BRACE MAY BE USED IN LIEU OF TRUSS RODS TO BRACE ALL-WELDED GATE FRAMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER RIGID CONSTRUCTION OF ALL GATES SUPPLIED.
2. CONTRACTOR TO VERIFY REQUIRED NUMBER OF GUIDE ROLLERS WITH MANUFACTURER PRIOR TO CONSTRUCTION.
3. CONTRACTOR SHALL VERIFY CANTILEVER POST SPACING WITH MANUFACTURER PRIOR TO CONSTRUCTION TO ENSURE SMOOTH OPERATION.
4. PROVIDE LEVEL GROUND BETWEEN ALL POSTS TO ENSURE PROPER OPERATION OF GATE.

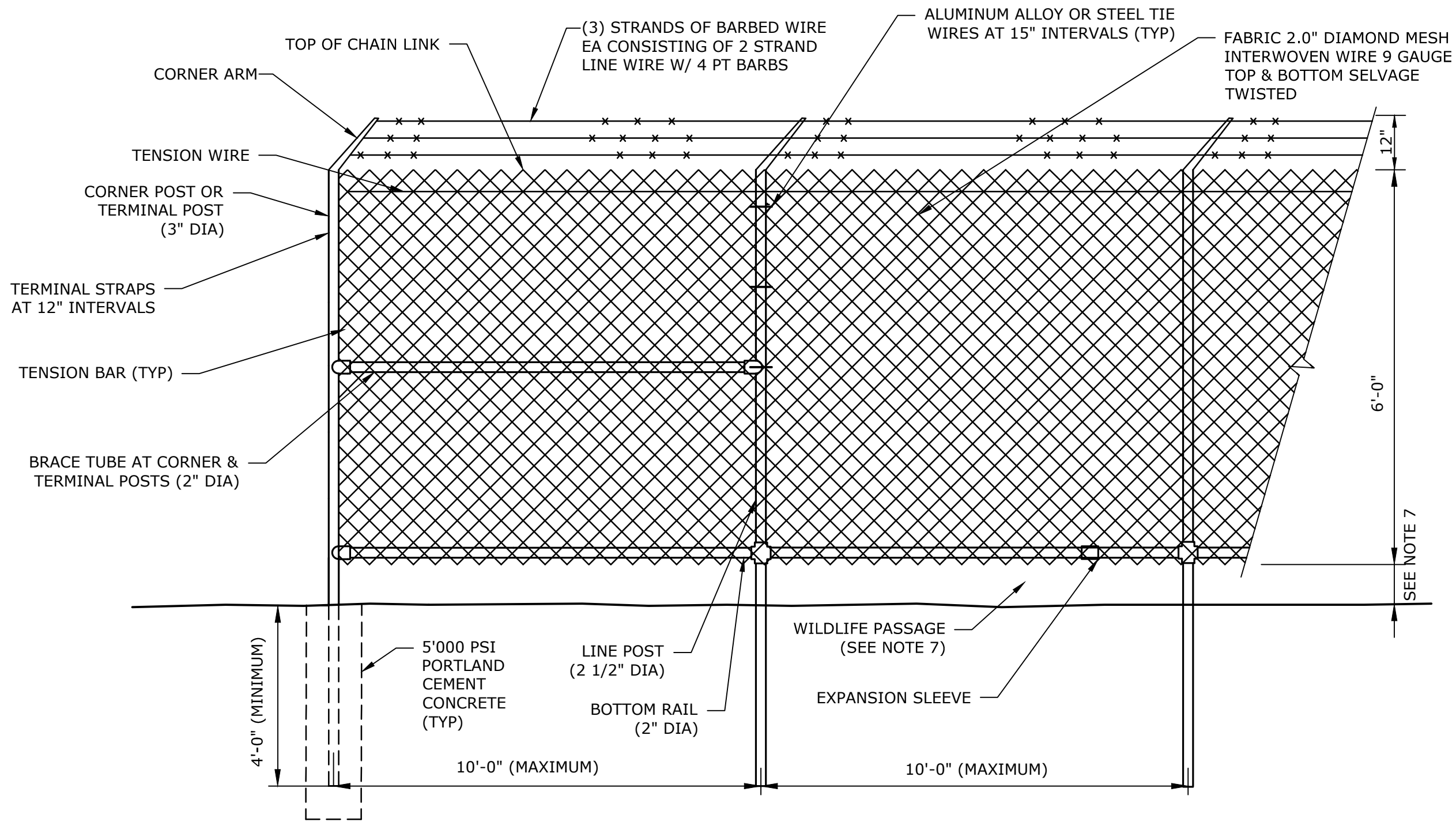
CANTILEVERED SLIDING GATE
NO SCALE



DOUBLE SWING GATE NOTES:

1. SUBSTATION GATE TO HAVE THREE (3) STRANDS OF BARBED WIRE. EACH CONSISTING OF 2 STRAND LINE WIRE WITH 4 PT BARBS.
2. FOOTING WIDTH TO BE (4)X POST WIDTH.
3. GATES MAY BE MANUALLY OPERATED.

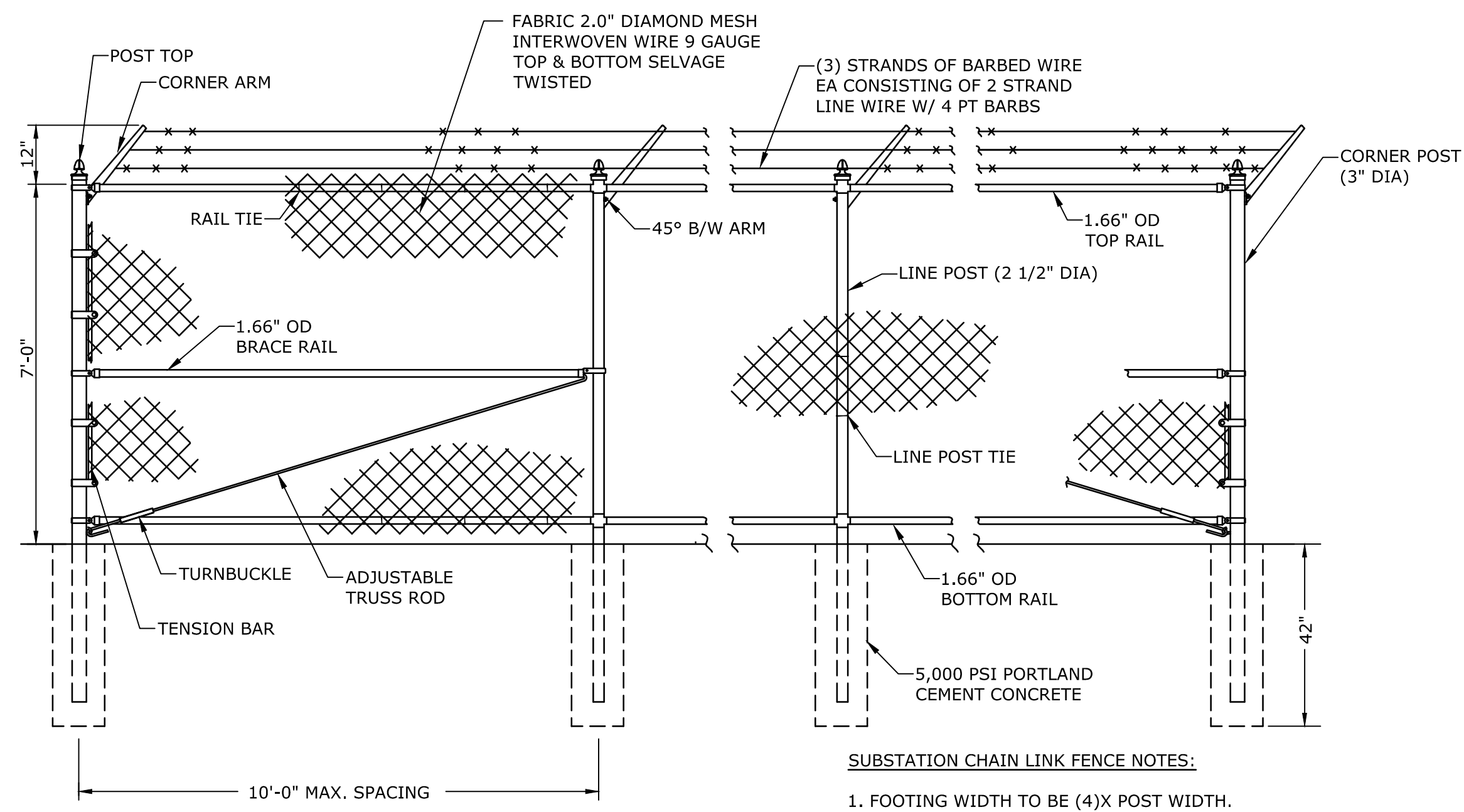
DOUBLE SWING ACCESS GATE
NO SCALE



SOLAR ARRAY & SUBSTATION CHAIN LINK FENCING NOTES:

1. UNLESS OTHERWISE NOTED ON THE SITE PLANS, ALL CHAIN LINK FENCING COMPONENTS SHALL HAVE A HOT DIPPED GALVANIZED FINISH. ANY CHIPS IN THE GALVANIZED FINISH DUE TO SITE INSTALLATION SHOULD BE MINIMIZED AND REPAIRED WITH INDUSTRIAL GRADE GALVANIZED PAINT. ALL CUT ENDS ARE TO BE FINISHED WITH INDUSTRIAL GRADE PAINT ON GALVANIZED FINISH.
2. CHAIN LINK FABRIC SHALL BE MADE OF 9 GAUGE STEEL WIRE, 2" MESH SIZE, AND HOT DIPPED GALVANIZED PRIOR TO WEAVING. THE FABRIC SHALL BE FINISHED WITH A SELVAGE TWIST TOP AND BOTTOM.
3. ALL POSTS ARE TO BE PLUMB IN ALL DIRECTIONS.
4. LINE POSTS TO BE HAMMER DRIVEN. POST END MUST BE CUT TO FINAL HEIGHT AFTER DRIVING IS COMPLETE. CUT END IS TO BE CUT SQUARE AND FREE OF BENDS, MUSHROOMING, AND BURRS. CUT END TO BE TREATED AS PER NOTE #1.
5. LINE & TERMINAL POSTS, BRACE TUBES, TOP RAILS, & GATE POSTS SHALL ALL BE SCHEDULE 40 PIPE. REFERENCED DIAMETER IS NOMINAL.
6. ALL FENCE POSTS TO HAVE CAPS.
7. PROVIDE 3" WILDLIFE PASSAGE BELOW PERIMETER FENCE IN ALL AREAS THAT ABUT PUBLIC ROADS. PROVIDE 6" CLEARANCE BELOW PERIMETER FENCE IN ALL OTHER AREAS.

SOLAR ARRAY CHAIN LINK FENCE
NO SCALE

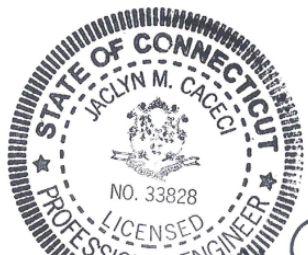


SUBSTATION CHAIN LINK FENCE NOTES:

1. FOOTING WIDTH TO BE (4)X POST WIDTH.

SUBSTATION CHAIN LINK FENCE
NO SCALE

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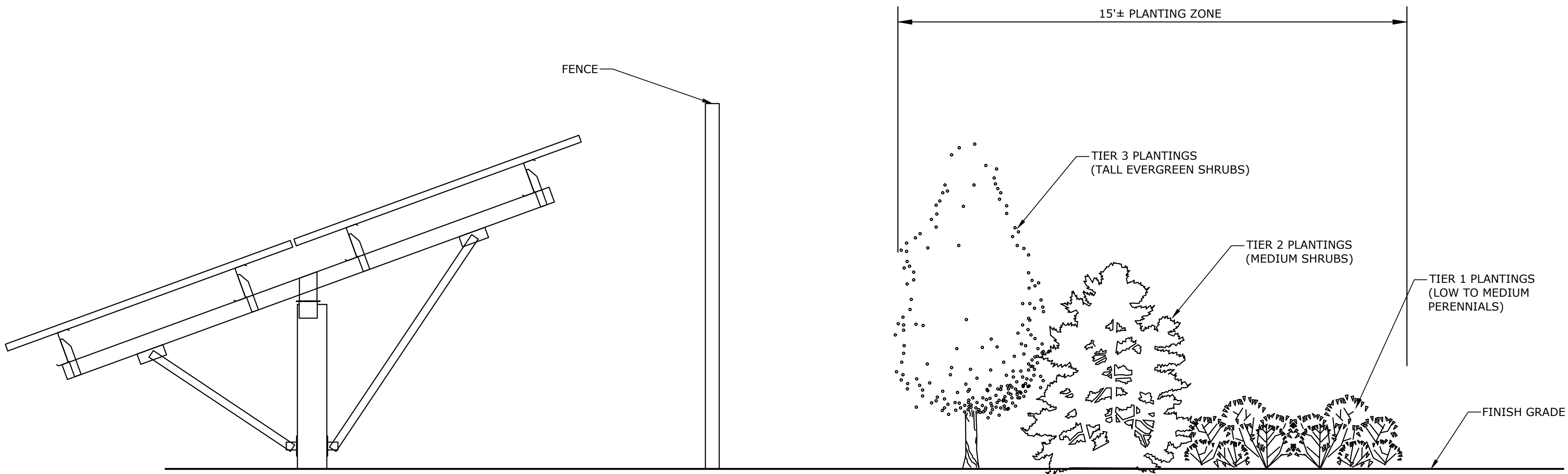
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DETAILS - 3

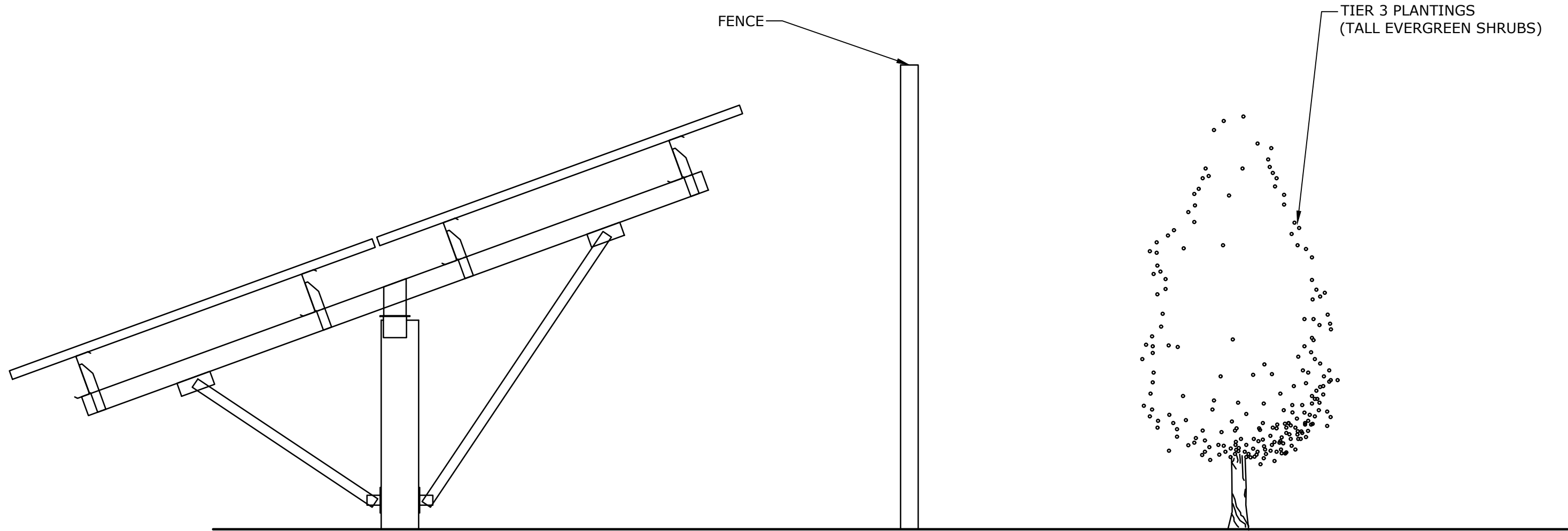
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C-084

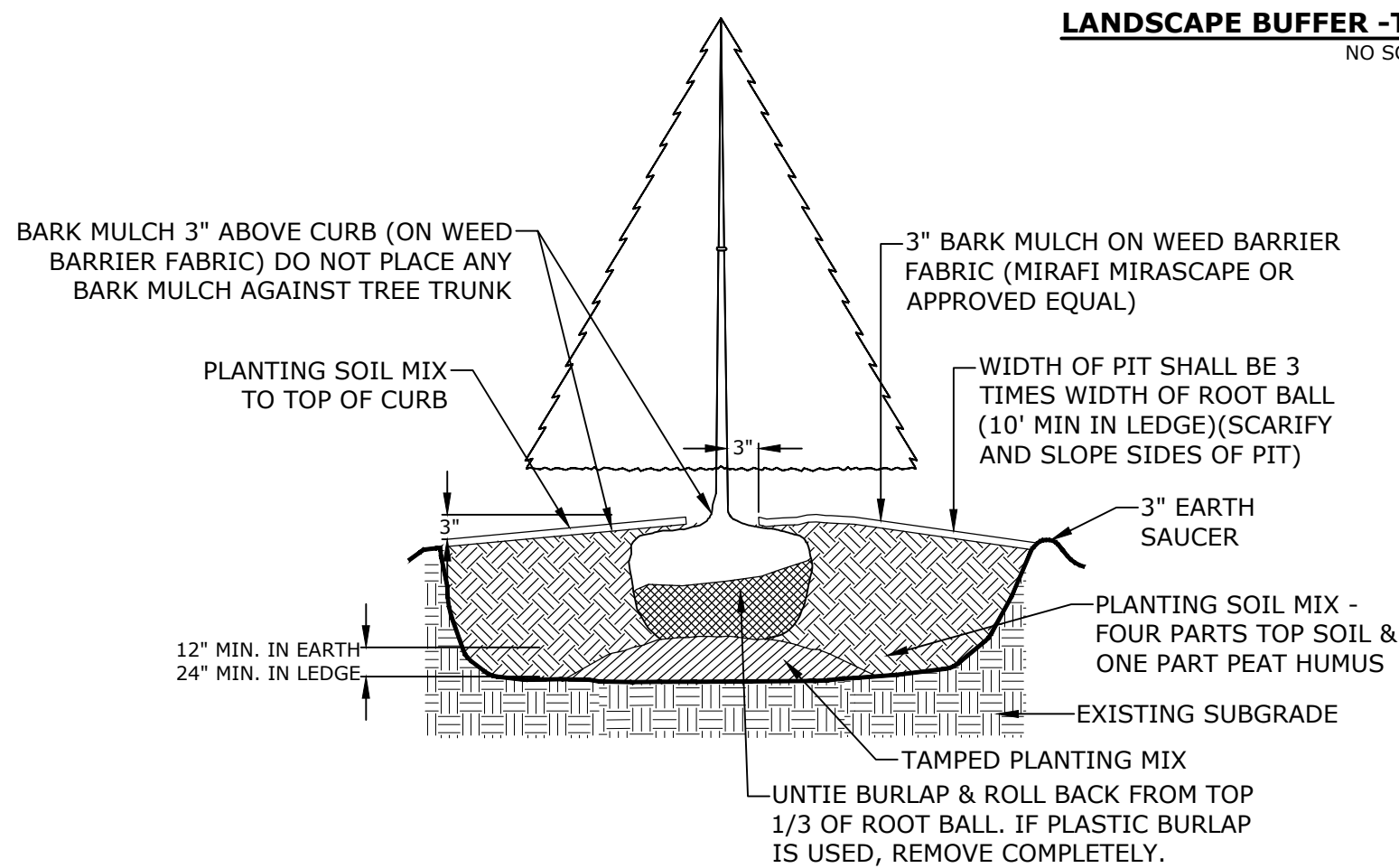
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Tighe & Bond: J:\R0317 Ranger Solar\R-0317-2 Quinebaug Drawings: Figures\MiscCAD\Sheet Construction Drawings\ Issued for Construction\Quinebaug Details - IFC.dwg



LANDSCAPE BUFFER - 3 TIER SECTION
NO SCALE

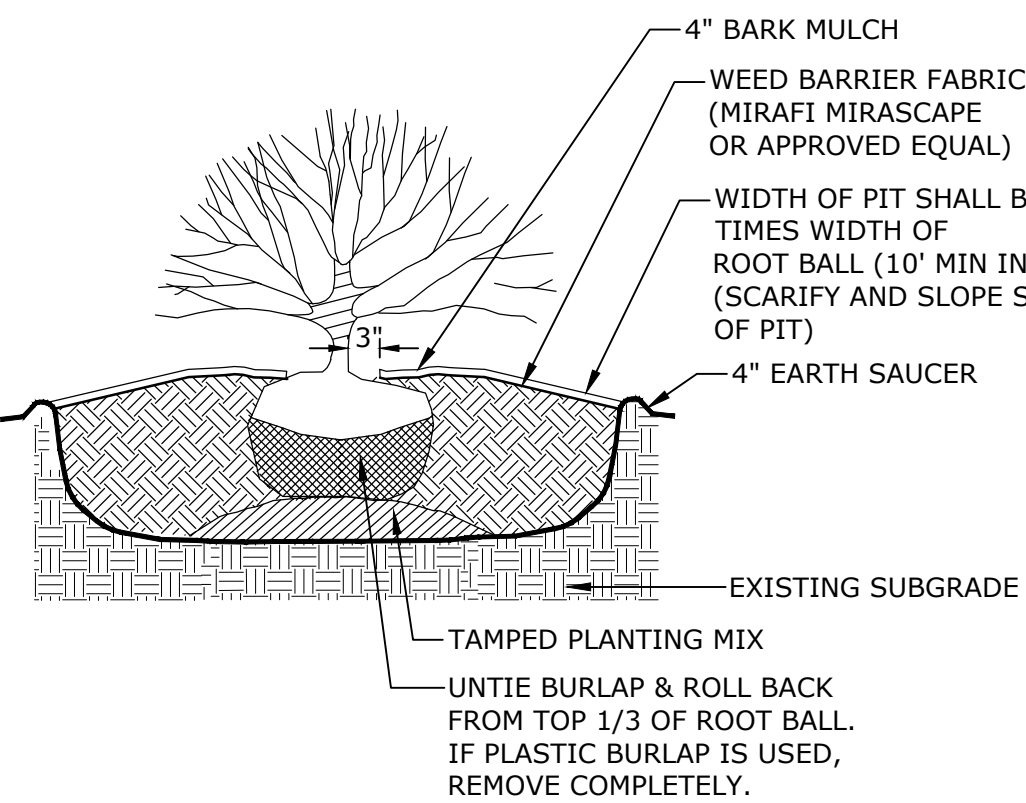


LANDSCAPE BUFFER -TIER 3 ONLY SECTION
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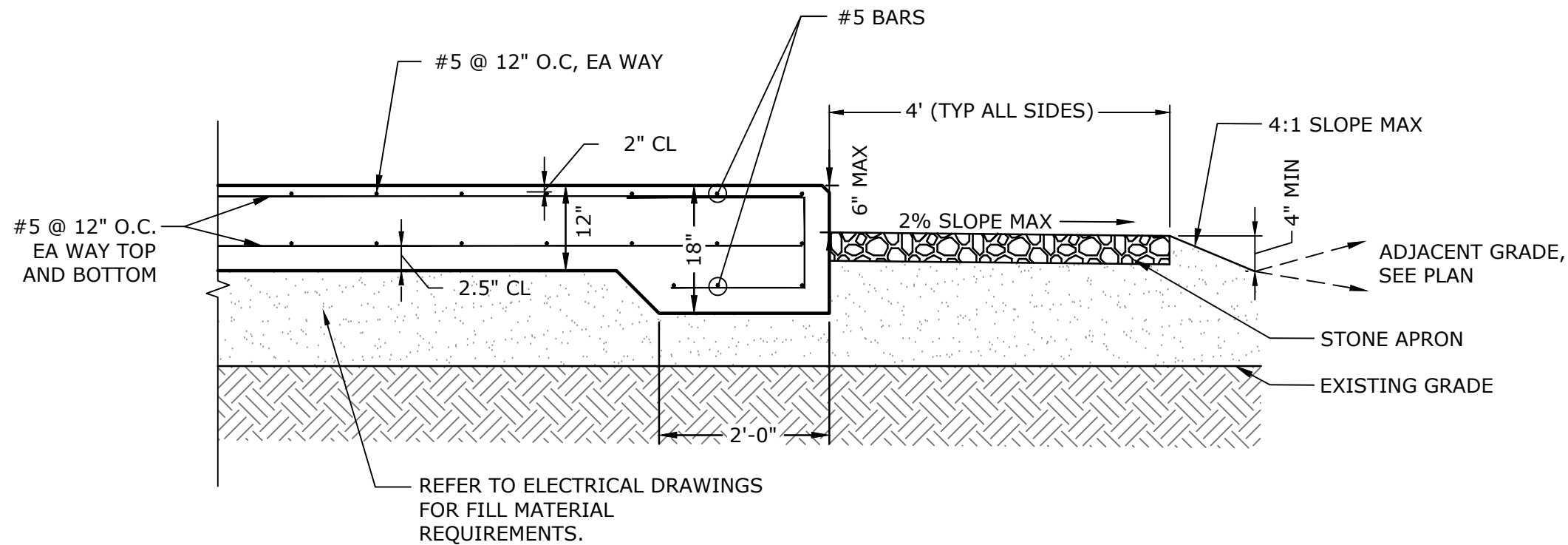


NOTE:
PLANT AT SAME DEPTH AS PREVIOUSLY PLANTED
IN NURSERY, OR WITHIN 2" ABOVE.

EVERGREEN TREE PLANTING
NO SCALE

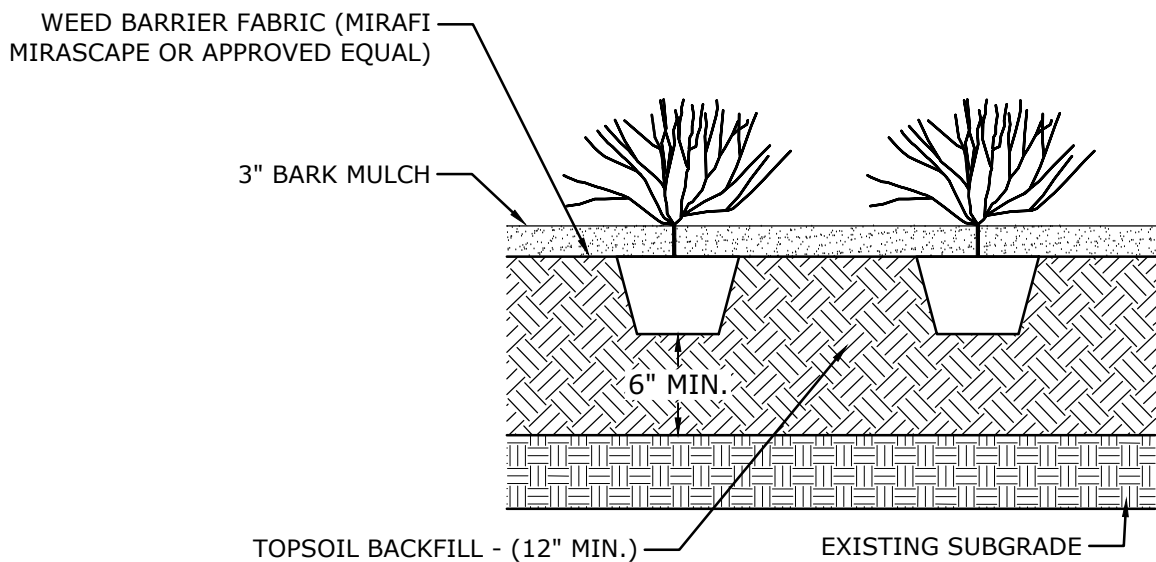


SHRUB PLANTING
NO SCALE



NOTES:
1. FINISH SURFACE OF PAD TO PROVIDE POSITIVE DRAINAGE AWAY FROM EACH PIECE OF EQUIPMENT.
2. ALL CONCRETE TO BE BROOM FINISHED UNLESS OTHERWISE NOTED.
3. ALL EDGES TO HAVE $\frac{3}{4}$ " CHAMFER UNLESS OTHERWISE NOTED.

ELECTRICAL EQUIPMENT PAD DETAIL
NO SCALE



PERENNIAL PLANTING
NO SCALE

PLANT LIST - TIER 1: PERENNIALS

BOTANICAL NAME	COMMON NAME	SIZE	SPACING
ECHINACEA PURPUREA	PURPLE CONEFLOWER	#2 CONT.	18" O.C.
LOBELIA CARDINALIS	CARDINAL FLOWER	#2 CONT.	18" O.C.
MONARDA DIDYMA	SCARLET BEEBALM	#2 CONT.	18" O.C.
COREOPSIS GRANDIFLORA	LARGEFLOWER TICKSEED	#2 CONT.	18" O.C.
RUDBECKIA HIRTA	BLACK-EYED SUSAN	#2 CONT.	18" O.C.

PLANT LIST - TIER 2: MEDIUM SHRUBS

BOTANICAL NAME	COMMON NAME	SIZE	SPACING
CLETHRA ALNIFOLIA	PRAGUE VIBURNUM	2-3' HT.	5' O.C.
ARONIA MELANOCARPA	MUNSTEAD LAVENDER	2-3' HT.	5' O.C.
ILEX VERTICILLATA	WINTERBERRY	2-3' HT.	5' O.C.

PLANT LIST - TIER 3: EVERGREEN SHRUBS

BOTANICAL NAME	COMMON NAME	SIZE	SPACING - 3 TIERS	SPACING - TIER 3 ONLY
JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-7' HT.	8' O.C.	10' O.C.
JUNIPERUS COMMUNIS	COMMON JUNIPER	6-7' HT.	8' O.C.	10' O.C.

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DETAILS - 4

SCALE: AS SHOWN

C-085