PROPOSED SITE PLAN **DOCUMENTS**

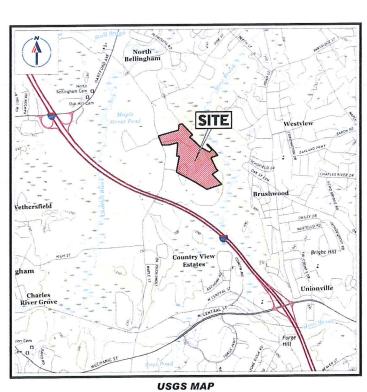
- FOR -

MAPLE STREET SOLAR, LLC

PROPOSED SOLAR FARM

LOCATION OF SITE:

160 MAPLE STREET, TOWN OF BELLINGHAM & FRANKLIN NORFOLK COUNTY, MASSACHUSETTS LOTS INCLUDED (PARCEL #): 255-001, 254-001, 239-010 A, 239-010 B, 239-010 C, PORTION OF D 239-010, & 32-0009 (BELLINGHAM)



SCALÉ: 1" = 2,000' SOURCE: FRANKLIN MASSACHUSETTS USGS QUADRANGLE



SITE MAP

SCALE: 1" = 600' SOURCE: GOOGLE AERIAL

PREPARED BY

BOHLER//

REFERENCES

152 HAMPDEN STREET, BOSTON, MA 01608 DATE: 05/09/2022

DRAWING SHEET INDEX

COVER SHEET

DETAIL SHEETS

GENERAL NOTES SHEET

OVERALL DEMOLITION PLAN

FROSION & SEDIMENT CONTROL PLAN (A - F)

EROSION & SEDIMENT CONTROL NOTES & DETAILS

C-101

C-102

C-201 C-202 - C-207

C-401 C-601

C-302 - C-307

C-602 - C-607

C-608 - C-609

1 OF 1

8 SHEETS

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PROJECT No.:	W20
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DATE:	07/20/
CAD I.D.:	W201257-SPP
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PROPOSED SITE PLAN DOCUMENTS

MAPLE STREET **SOLAR LLC**

OTS INCLUDED (PARCEL #):255-00 254-001, 239-010 A, 239-010 B, 239-010 C, PORTION OF D 239-010, & 32-0009 160 MAPLE STREET, FOWN OF BELLINGHAM & FRANKLIN FORFOLK COUNTY, MASSACHUSET





COVER SHEET

C-101

- TOR MUST FELD VERBY ALL DIMENSIONS AND MEASUREMENTS SHOWN ON THESE PLANS, PRIOR TO THE COMMENCEMENT OF CONSTRUCT-TICH MUST TAMEDARELY MOTIFY ENGNEED OF RECORD AND BOAKER. IN WOTHING A WIND THE PRIOR OF MEASUREMENT OF MORE OF MEASUREMENT OF MEASUREMENT OF MEASUREMENT OF MORE OF MEASUREMENT OF MORE OF MEASUREMENT OF MEASURE
- ACTOR MUST VERRY ALL DIMENSIONS AND MEASUREMENTS INCLUDED ON DESIGN DOCUMENTS HEREIN AND MUST NOT SCALE OFF THE DRAWNOS ENTINE PRINTING INACCURADES ALL DIMENSIONS AND MEASUREMENTS ARE TO BE CHECKED AND CONFIRMED BY THE GENERAL CONTRACTOR REPARATION OF SHOP DRAWNIGS. FAREICATIONOPOREMO OF PARTS AND MEASURALS AND COMMENCEMENT OF SITE WORK SITE PLAN DRAWNOS RENDED AS SURVEY DOCUMENTS DIMENSIONS SUPERISEDE GRAPHICAL REPRESENTATIONS. THE CONTRACTOR MUST MAKE CONTRACTORS ONN SITES FOR LANZOID OF MEMOREMENTS.

- DEBRIS MUST NOT BE BURIED ON THE SUBJECT SITE ALL DEMOLITION AND CONSTRUCTION WASTES. UNDUTABLE EXCANATED MATERIAL EXCESS SOL AND
 SEBRIS (SOLIO WASTE) MUST BE DISPOSED OF IN ACCORDANCE WITH THE REQUESENTS OF ANY AND ALL MUNICIPAL, COUNTY, STATE AND FEDERAL LAWS
 WIND APPLICABLE CODES WHICH HAVE JURISDICTION OVER THIS PROJECT OR OVER THE CONTRACTOR.
- ITRACTOR'S SOLE RESPONSIBILITY TO MAINTAIN RECORDS TO DEMONSTRATE PROPER AND FULLY COMPLIANT DISPOSAL ACTIVITIES, TO BE KNYDED TO THE DYNNER UPON REQUEST

- THE CONTRACTOR MUST IMMEDIATELY DENTIFY IN WRITING, TO THE ENGINEER OF RECORD AND BOHLER. ANY DISCREPANCIES THAT MAY OR COULD AFFECT THE PUBLIC SAFETY, HEALTH ON GENERAL WELFARE, OR PROJECT COST, IF THE CONTRACTOR PROCEEDS WITH CONSTRUCTION WITHOUT PROVINCING PROSE WRITTEN HOTERCIAN ON SECRETAGE ADDRESS. THE CONTRACTORS OWN RESA AND LIGHTER THE CONTRACTOR WIST NOW. HOLD MANUESS THE ENDIFFER OF RECORD AND BOHLER FOR MAY AND ALL DAMAGES, COSTS, MURRES ATTORNEYS FEES AND THE LINE WHICH RESULT FAIR OR ARE MAY WAY RELIZED TO SAME INCLUDING BUT INTO MURRED TO ANY THIMPO PROTY AND FREST PRATT CLARKS.
- COM AS RELATED TO SAME.

 LO CONTRACTORS MUST CARRY AT LEAST THE MINIMUM AMOUNT OF THE SPECIFED AND COMMERCIALLY REASONABLE STATUTORY WORKER'S COMPENSATION SUPPORTED THE MINIMUM AMOUNT OF THE SPECIFED AND COMMERCIALLY REASONABLE STATUTORY WORKER'S COMPENSATION SUPPORTED THE MINIMUM AMOUNT OF THE SPECIFED AND COMPANIES OF COLD INCIDENCE AND THE MINIMUM AMOUNT OF THE MINIMUM

- CLEARLY AND SPECIFICALLY WITHIN BOHLER'S SCOPE OF SERVICES CONTRACT WITH THE OWNER DEVELOPER, BOHLER WILL REVIEW OR TAXE PROPRIATE ACTION ON THE CONTRACTOR SUBMITTALS SUCH AS SHOP DRAWINGS, PRODUCT DATA, SAMPLES, AND OTHER DATA, WHICH THE

GENERAL DEMOLITION NOTES

- HE DENOLITION (AND/OR REMOVALS) PLAN IS INTENDED TO PROVIDE GENERAL INFORMATION AND TO IDENTIFY ONLY CONDITIONS REGARDING ITEMS TO BE
- INCLUSED SELVINED, AND/OR TO PERMAN

 THE CONTRACTOR WIND AT A 50 REVEW ALL CONSTRUCTION DOCUMENTS AND INCLUDE WITHIN THE DEVOLUTION ACTIVITIES ALL INCIDENTAL WORK

 RECESSARY FOR THE CONSTRUCTION OF THE REW SHE RAWROVEWENTS

 HERS ALM IS NOT INTERROBED TO AND DOSS WIN PROVINCE REPORT OF THE PROPRIES AND PROCEDURES TO THE USE OF THE PROPRIES AND PROPRIES AND PROVINCE AND PROVINCE AND PROPRIES AND PROVINCE AND PROVI

- THE CONTRACTOR IS RESPONSIBLE FOR JOB SITE SAFETY, WHICH WAST TAKING BUT SHOT LAFED TO THE INSTITULTION AND INAUTIDANCE OF PERCORD, OTHER APPROPRIATE AND ON RECESSARY SAFETY PER AND RESPONSIBLE SECRETARY FOR PROTECT THE PUBLIC FROM JAMES OF CONTROL. THE BUTTON OF ALL INAUTIDANCED PERSONS AT ANY THEY. TO ON REAR THE SECRETARY TO PERFORM THE DEMOLITION IN SUCH A MANIER AS TO THE BUTTON OF ALL INAUTIDANCED PERSONS AT ANY THEY. TO ON REAR THE SECRETARY TO PERFORM THE DEMOLITION IN SUCH A MANIER AS TO THE BUTTON OF ALL INAUTIDANCED PERSONS AT ANY THEY.
- CITCR MUST BECOME FAMILIAR WITH THE APPLICABLE UTILITY SERVICE PROVIDER REQUIREMENTS AND IS RESPONSIBLE FOR ALL COORDINATION.
 UTILITY DESPONSIBLE FOR ALL COORDINATION AND OR DESCONMENT OF A SERVICE OF THE PROJECT. THE CONTRACTOR MUST PROVIDE THE OWNERS IT.
 PROCEDULT HAT THE EXISTRIA OF THE SAME SERVICE FROM SERVICE ARE REMOVED MOROR ARMORADED IN ACCORDANCE WITH
 A HAD UTILITY COMPANY REQUIREMENTS AND ALL OTHER APPLICABLE REQUIREMENTS. RULES. STATUTES, LAWS ORDINANCES AND COORS.
- NIGHT TO COMMENCING ANY DEMOLTION, THE CONTRACTOR MUST:

 OSTAN ALL REQUIRED PERMITS AND MANTAN THE SAME ON SITE FOR REVISION BY THE ENGINEER AND ALL PUBLIC AGENCES WITH JURISDICTION
 OFFICE AT A MANUAL THE MANDED, ENGINEER AND DEMOLTION WORK.

 NOTHY, AT A MANUAL THE MANDED, ENGINEER AND LOCKE SOIL CONSERVATION JURISDICTION, AT LEAST 72 BUSINESS HOURS PRIOR
 TO THE COMMENCEMENT OF WORK.

 MYSTALL THE REQUIRED SOIL EROSINON AND SEDMENT CONTROL MEASURES PRIOR TO SITE DISTURBANCE. AND MANTAN SAID CONTROLS WITH, SITE IS

- I. THE CONTRACTOR WIST BLOCKEL ALL EXCHANDON RESULTION FROM OR INCORDING. TO DEMOLTION CONTINUES. BLOCKEL WIST BE ACCOUNTING.

 APPROVED BLOCKEL WATERIUS AND MIST BE SUFFICIENT COVERACTED TO SUPPORT ALL REWINDROWSENTS AND MUST BE PERFORMED IN COVE
 WITH THE RECOMMENDATIONS AND QUIDANCE ARTICULATED IN THE GEOTED-INCIAL REPORT BLOCKEL WAS MUST OCCUR IMMEDIATELY AFTER DEVOLUACTIVITIES AND WIST BE PERFORMED ON SO TO PREVENTIWHERE INTERIOR BE EXCHANDED. PARMED SUPPLACES AND SECRET OF PROVIDED THE CONTRACTOR IS RESPONSIBLE FOR COMPACTION TESTING AND MUST SUBJECT AND RESULTS TO THE ENGINEER OF RECI

- 23. CONTRACTOR SHALL LOCATE ANY EXISTING UTILITY SERVICES THAT ARE TO BE TERMINATED AT THE EXISTING MAIN AND/OR PR ARE TO BE TERMINATED IN ACCORDANCE WITH MUNICIPAL I STATE TRANSPORTATION DEPARTMENT REQUIREMENTS.

GENERAL SITE NOTES

- NOTES MUST BE INCLUDED AS PART OF THIS ENTIRE DOCUVENT PACKAGE AND ARE PART OF THE CONTRACT DOCUMENTS. THE GENERAL NOTES CED HERBIN, AND THE CONTRACTOR MUST REFER TO THEM AND FULLY COMPLY WITH THESE NOTES, IN THEIR ENTIRETY. THE CONTRACTOR MUST RITH AND ACKNOMEDGE PANLANDITY WITH ALL OF THE GENERAL NOTES AND ALL OF THE PANS SPECIFIC NOTES.

- ACTOR MUST FILE SITE SIGNAGE APPLICATION OR PERMIT UNDER SEPARATE APPLICATION UNLESS DONE SO AS PART OF JU

- 2 CONTRACTOR IS CAUTIONED OF EXISTING UTUITY SERVICES TO REMAIN IN PROXIMITY TO PROPOSED BOLLARDS AND SIGNS CONTRACTOR SMALL PROVIDE FIELD 21. GAS METERS MUST BE PROTECTED AS REQUIRED BY THE JURISDICTIONAL GAS PROVIDER MODIFICATION LOCATIONS OF BOLLARDS AND BOLLARDS WITH SIGNAGE AS RECEED TO AVOID CONFLICTS WITH EXISTING UTUITY SERVICES TO REMAIN

GENERAL GRADING NOTES

- DING MUST BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE RECOMMENDATIONS SET FOR
- CHARACTOR WIST IMMEDIATELY YOTH Y THE ENGINEER OF RECORD, WINDING.
 COMMARCTIOR IS SEPONSHIES FOR REWONING AND REPLACION ALL UNSUITABLE MATERIALS WITH SUITABLE MATERIALS AS SPECIFED IN THE
 DISCHMOLA, REPORT THE CONTRACTOR MUST COMPACT ALL EXCANATED OR FILLED AREAS IN STRICT ACCORDANCE WITH THE GETTCHMICAL REPO AND EXCEMINISTRESS OF CONTRACTOR MUST COMPACT ALL EXCANATED OR FILLED AREAS IN STRICT ACCORDANCE WITH THE GETTCHMICAL REPO STREED WITH THE STATE WHERE THE WORK IS PERCENUED. THIS REPORT WAS YEAR THAT ALL TRALL MEETS AND ADDRESS AND SUICE OF THE CONTRACTOR OF THE RECOMMENDATION OF THE CONTRACTOR OF THE PROPERTY OF THE CONTRACTOR OF THE RECOMMENDATION OF THE RECOMMENDATI

- . MSE OR GRAVITY BLOCK WALLS SHALL BE CONSTRUCTED SUCH THAT UPON COMPLETION OF CONSTRUCTION THERE IS NO RINGS VISIBLE (E.G. USE OF FINISHED TOP BLOCK OR CAP STONES)

- VACTOR SHALL INSTALL CONCRETE CURB ALONG FACE OF BUILDING / WALL AS SHOWN TO PROVIDE CONSISTENT WIDTH ALONG LEF ISBUE RAWP AND RAWP LANDING TO MEET ADAMAB REQUIREMENTS.
- RACTOR SHALL REVIEW RETAINING WALL LOCATIONS VERSUS APPLICABLE STATE AND LOCAL CODES AND PROVIDE FALL PROTECTION (E.G. FENONG OR IG) IN ACCORDANCE WITH SAID CODE.
- BEFORE COMMENCING GRADING WORK, CONTRACTOR SHALL SUBMIT SAMPLES OF ALL NATIVE AND IMPORTED MATERIALS WITH THEIR INTENDED FOR STRUCTURAL USES TO THE GEOTECHNICAL ENGINEER OF RECORD

GENERAL DRAINAGE & UTILITY NOTES

- CONTRACTOR MUST VERTICALLY AND HORZONTALLY LOCATE ALL UTLITIES AND SERVICES INCLIDING, BUT NOT LAWTED TO GAS, WATER ELECTRIC, TARY AND STORM TELEPHONE, CABLE FIRER OPIN CABLE, ETC WITHIN THE LIWITS OF DISTURBANCE ON WORK SPACE, WHICH VERY IS GRAFIER. THE PRINCIPAL MAJES REFER TO, AND COURT ENTITY BE FOR THE PRINCIPAL AND AND THE TOWN THE PRINCIPAL STORY OF THE PR
- THE CONTRACTOR MUST FIELD VERIFY THE PROPOSED INTERFACE POINTS (CROSSINGS) WITH EXISTING UNDERGROUND UTILITIES BY USING A TEST PIT CONFIRM EXACT DEPTH, PRIOR TO COMMERCEMENT OF CONSTRUCTION.
- VATER ROOF DRAIN LOCATIONS ARE BASED ON ARCHITECTURAL PLANS. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING LOCATIONS OF SAVE BASED THAL ARCHITECTURAL PLANS.

- CONTRACTOR MUST ENSURE THAT ALL UTLITY TRENCHES LOCATED IN ENSTING PAYED ROADWAYS INCLUDING SANITARY, WATER AND STORM SYSTEMS REPAREN IN ACCORDANCE WITH REFERENCED MUNCIPAL, COUNTY AND OR STATE DOT CETALS AS APPLICABLE. THE CONTRACTOR MUST COORDINATE SCHOIN VAN DAPPORT, OF COUNTRETED WORK WITH THE ABORDY WITH JARSDISCOTION ONER SAWE.
- OCATIONS OF PROPOSED UTILITY POLES, AND/OR POLES TO BE RELOCATED ARE AT THE SOLE DISCRETION OF THE RESPECTIVE UTILITY COMP KLESS OF WHAT THIS PLAN DEPICTS.
- ERVICE MATERIALS, BURIAL DEPTH, AND COVER REQUIREMENTS MUST BE SPECIFIED BY THE LOCAL UTILITY COMPANY. THE CONTRACTOR MUST THE APPLICABLE MUNICIPALITY TO CONFIRM THE PROPER WATER METER AND VALIT, PRIOR TO COMMENCING CONSTRUCTION
- THE TOPS OF EXISTING MANHOLES, INLET STRUCTURES, AND SANITARY CLEANOUT MUST BE ADJUSTED, AS NECESSARY, TO MATCH PROPOSED FINISHED GR WITH NO TRIPPING OR SAFETY HAZARD IN ACCORDANCE WITH ALL APPLICABLE STANDARDS, REQUIREMENTS, RULES, STATUTES, LAWS, ORDINANCES AND CO

- WHEN THESE PLANS INVOLVE MULTIPLE BUILDINGS, SOME OF WHICH MAY BE BUILT AT A LATER DATE. THE CONTRACTOR WAST EXPLAND ALL UTLITY SERVICES INCLIDING BUT NOT LAMINED TO STORM. SANITARY LITTLES. AND REAGATOR LINES TO A POWN AT LEAST FIVE 3) HET BEYOND THE PAYED AREAS FOR WHICH THE CONTRACTOR IS RESPONSIBLE. THE CONTRACTOR WAST CAP BOAS OF INSTALLED UTLINES TO A POWN AT LEAST FIVE 3) HET BEYOND THE PAYED AREAS FOR WHICH THE PAYED AREAS

ARREVIATIONS

A	BBREVIATIONS		EXISTING				_
	DESCRIPTION	PROPERTY LINE	PROPOSED				
EY	DESCRIPTION	ADJACENT PROPERTY	EXISTING				=
RCH	ARCHITECT	LINE	PROPOSED				
	BACK OF CURB		EXISTING				
4	BENCHMARK	RIGHT-OF-WAY LINE	PROPOSED	1			
C	BOTTOM OF CURB		EXISTING				_
٧	BOTTOM OF WALL	SETBACK OR BUFFER	PROPOSED				_
DG	BUILDING		EXISTING				-
INC.	CONCRETE	EASEMENT LINE	PROPOSED				-
C	DECORATIVE		EXISTING			-	-
	DEGREE	WETLAND BOUNDARY	PROPOSED				
Р	DEPRESSED		EXISTING				_
/ DIA	DIAMETER	WETLAND BUFFER	PROPOSED				
NH	DRAIN MANHOLE		EXISTING				-
Р	DUCTILE IRON PIPE	WATER WAY BOUNDARY	PROPOSED				
P	EDGE OF PAVEMENT		EXISTING				_
EV	ELEVATION	WATERWAY BUFFER	PROPOSED				
IST.	EXISTING	WETLAND OR	EXISTING				
	FINISH FLOOR	WATERWAY FLAG	PROPOSED				
E	FINISH FLOOR ELEVATION	RIGHT-OF-WAY CENTER	EXISTING				
	GENERAL CONTRACTOR	OR BASE LINE	PROPOSED				
RT.	GRATE	APPROX. LIMIT OF WORK					
PE	HIGH DENSITY POLYETHYLENE PIPE	OR DISTURBANCE	PROPOSED	1000 CANDON 100	more commo com	- HE -	-
	HIGH POINT		EXISTING				
T	INTERSECTION	APPROX. SAWCUT LINE	PROPOSED				•••
V	INVERT		EXISTING	•			
A.	LANDSCAPE AREA	TREE LINE	PROPOSED	244444	mum	min	5
0	LIMIT OF DISTURBANCE	SURFACE OR	EXISTING				
W	LIMIT OF WORK	SUBSURFACE BASIN	PROPOSED				_
	LINEAR FOOT / FEET		EXISTING				
	LOW POINT	OVERHEAD WIRES	PROPOSED	—— OH—	OH	OH	=
AΧ	MAXIMUM	_	EXISTING				=
Р	MECHANICAL, ELECTRICAL,	CURBING	PROPOSED				=
	PLUMBING			CONCRET NONOLITHIC	SO-EDIVERIGIO	N HUNSTION CAR	10
	MEET OR MATCH EXISTING	FENCE OR RAILING	EXISTING				
N	MINIMUM	Little Stifferson	PROPOSED	OWNER	STOCKAL		_
./#	NUMBER	OCT LAND WILL	EXISTING				
	PLUS OR MINUS	RETAINING WALL	PROPOSED				=
	POINT OF CURVATURE	CONTOURS	EXISTING				
	POINT OF INTERSECTION	CONTOURS	PROPOSED			50	=
	POINT OF TANGENCY POINT OF VERTICAL INTERSECTION	SWALE	EXISTING				
-	POLYVINYL CHLORIDE PIPE	SWALE	PROPOSED		- 0	0 0	=
C		BERM	EXISTING				
OP.	PROPOSED	векм	PROPOSED				_
	RADIUS OR RADII REINFORCED CONCRETE PIPE	RIDGE	EXISTING				_
Ρ		ROGE	PROPOSED			:	=
J.W.	RIGHT-OF-WAY	DRAIN PIPE	EXISTING				
N	SANITARY	DRAIN PIPE	PROPOSED				_
H	SEWER MANHOLE	SEWER PIPE	EXISTING				
	SLOPE	SEWER PIPE	PROPOSED	s_		—-st-—	=
_	SQUARE FOOT	SEWER FORCE MAIN	EXISTING				
Α	STATION	SEWER FORCE MAIN	PROPOSED	FM	FM	FM	=
М	STORM	E FOTOIS	EXISTING				
R	TO BE REMOVED	ELECTRIC	PROPOSED	—ŧ—	—-E—		_
R/R	TO BE REMOVED AND REPLACED	TELECOMMUNICATION	EXISTING				
_	TOP OF CURB	S	PROPOSED	T	T	<u> </u>	_
/	TOP OF WALL		EXISTING				
F	TREE PROTECTION FENCE	CABLE TV	PROPOSED	——с—	c_	—с—	-

TYPICAL LINE TYPE LEGEND

7 See 1920 SEE REVISIONS

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PROPOSED SITE **PLAN DOCUMENTS**

MAPLE STREET SOLAR LLC

LOTS INCLUDED (PARCEL #):255-00 254-001, 239-010 A, 239-010 B, 239-01 C. PORTION OF D 239-010, & 32-0009 160 MAPLE STREET TOWN OF BELLINGHAM & FRANKLI REFOLK COUNTY, MASSACHUSET

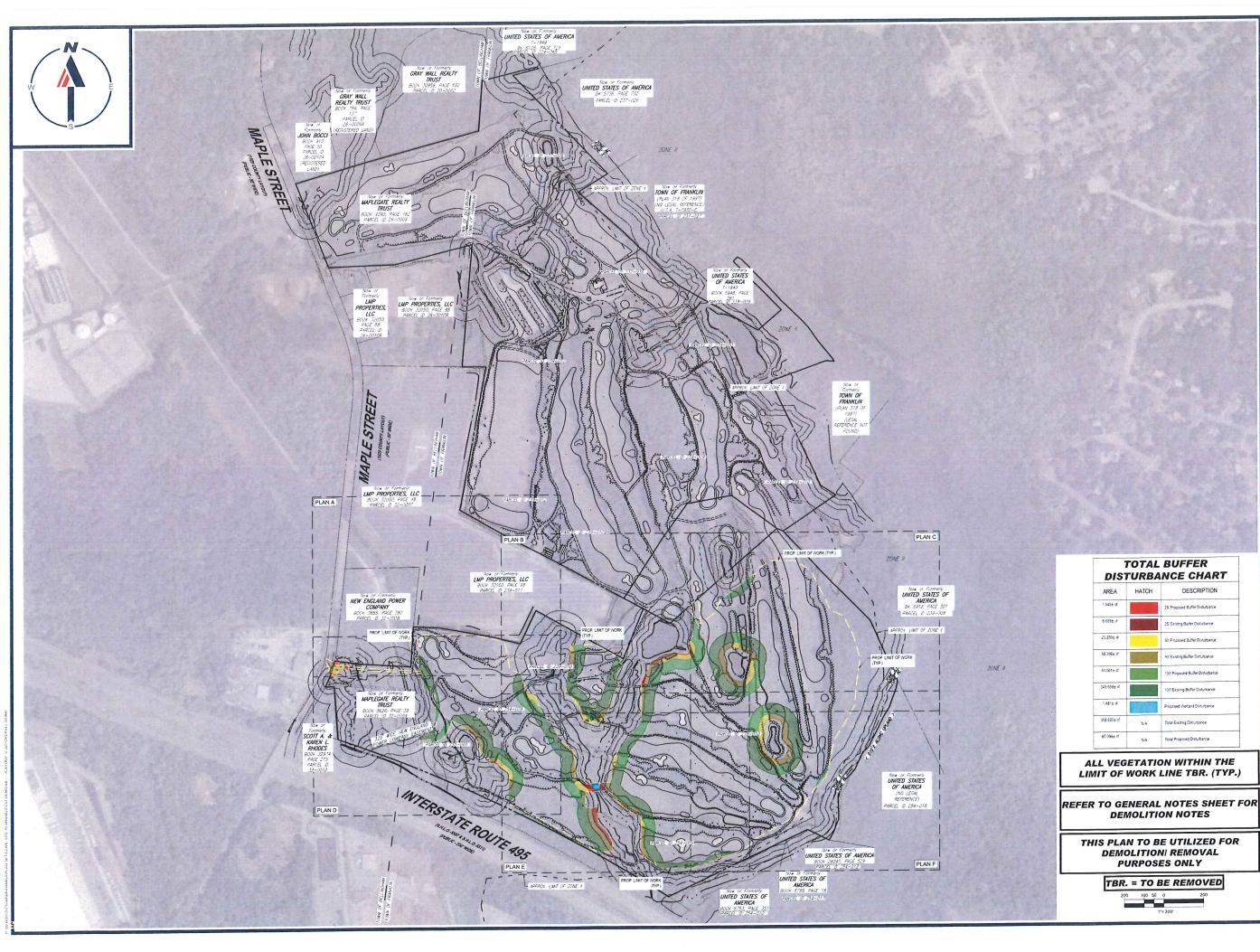




REFER TO SITE LAYOUT PLAN FOR **GENERAL ZONING ANALYSIS TABLE AND LAND NOTES SHEET USE | ZONING INFORMATION & NOTES**

REFER TO EROSION AND SEDIMENT **CONTROL NOTES & DETAILS SHEET** FOR TYPICAL EROSION NOTES AND **DETAILS**

C-102





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PROJECT No.:
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CHECKED BY:
DATE:
CAD LD.:

W201257-DEMO-0

PROPOSED SITE PLAN DOCUMENTS

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MAPLE STREET SOLAR LLC

PROPOSED SOLAR FARM

LOTS INCLUDED (PARCEL #):255-001, 254-001, 239-010 A, 239-010 B, 239-010 C, PORTION OF D 239-010, & 32-0009 160 MAPLE STREET. TOWN OF BELLINGHAM & FRANKLIN, NORFOLK COUNTY, MASSACHUSETTS



www.BohlerEngineering.com

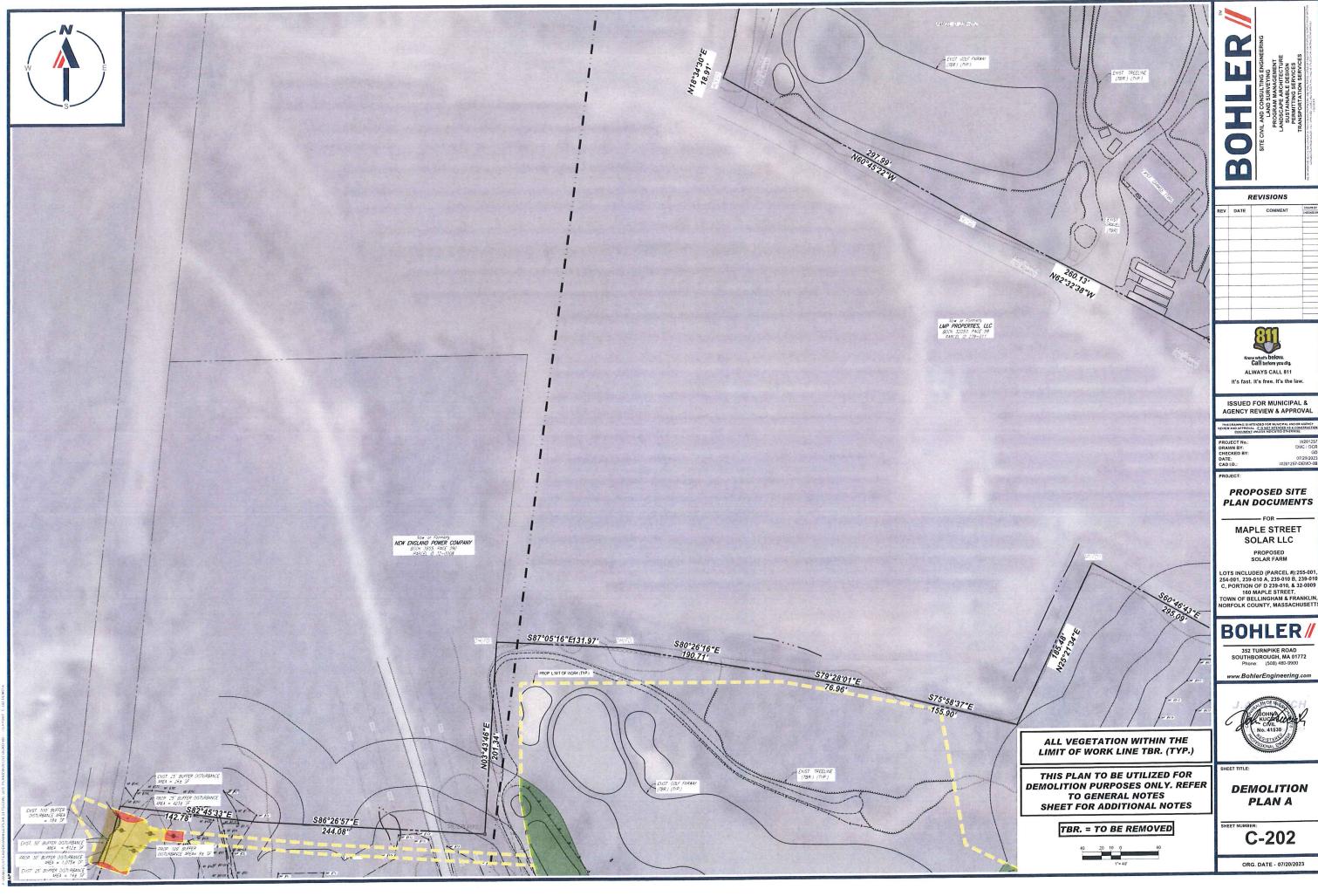


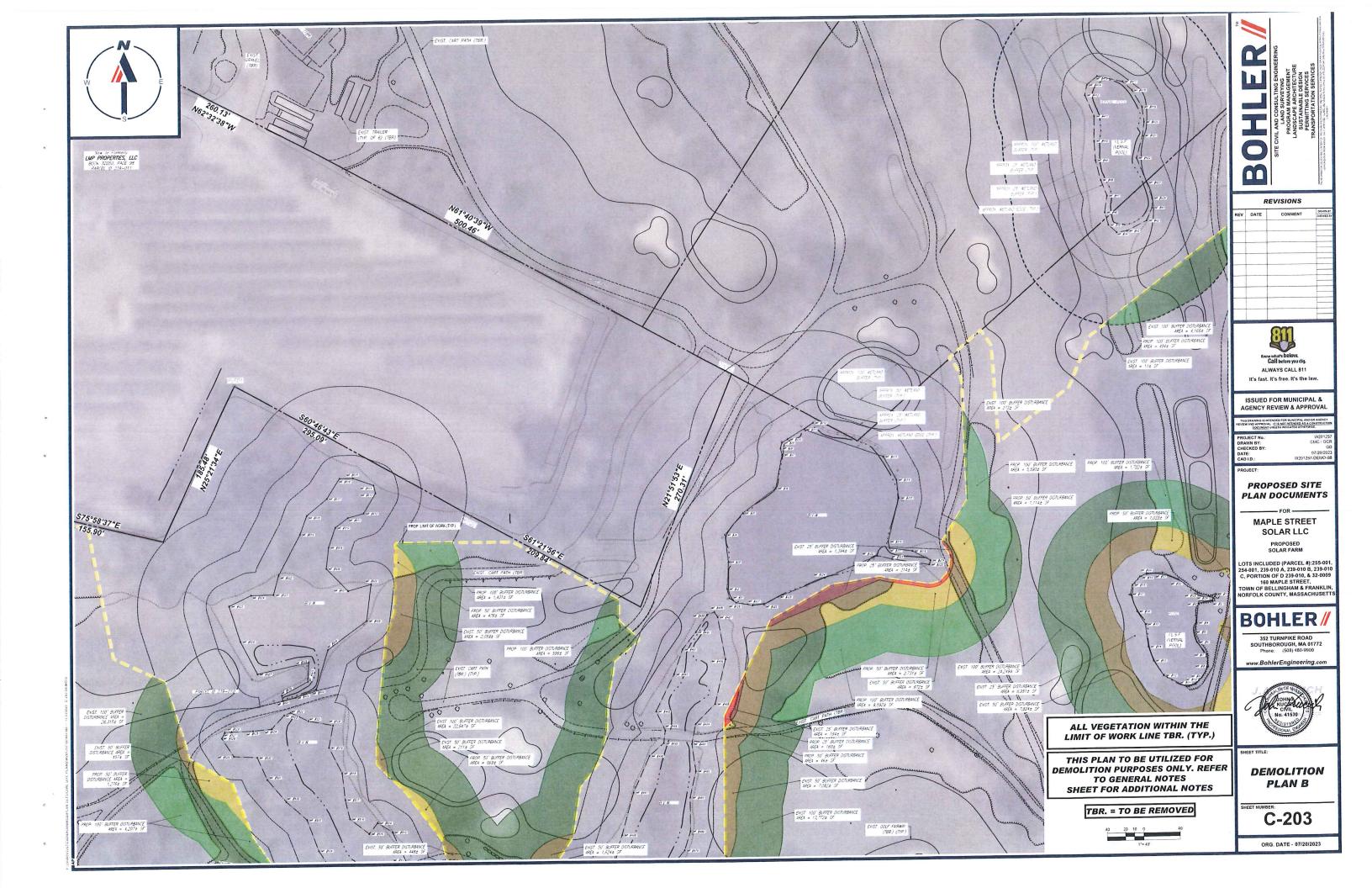
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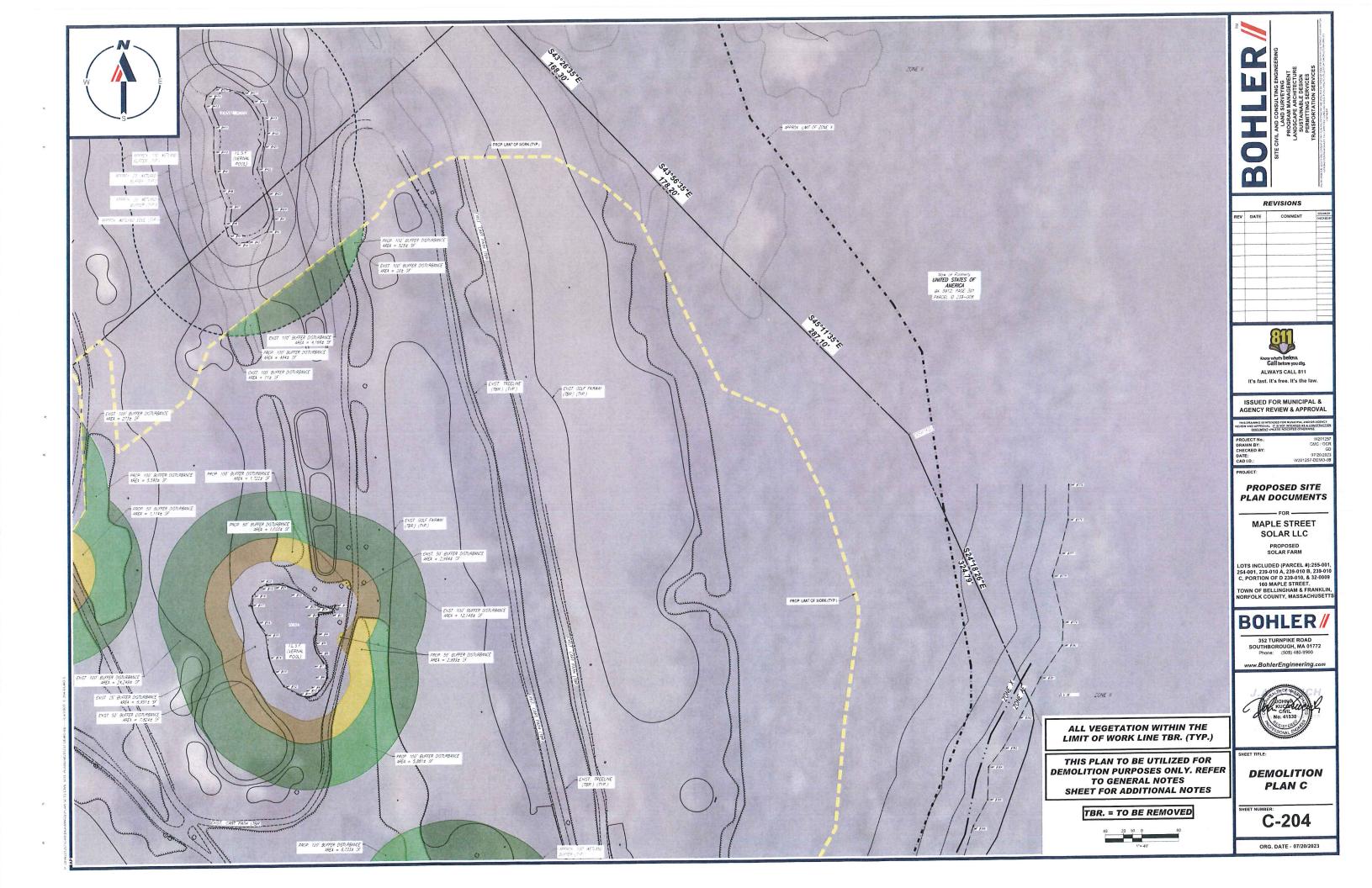
OVERALL DEMOLITION PLAN

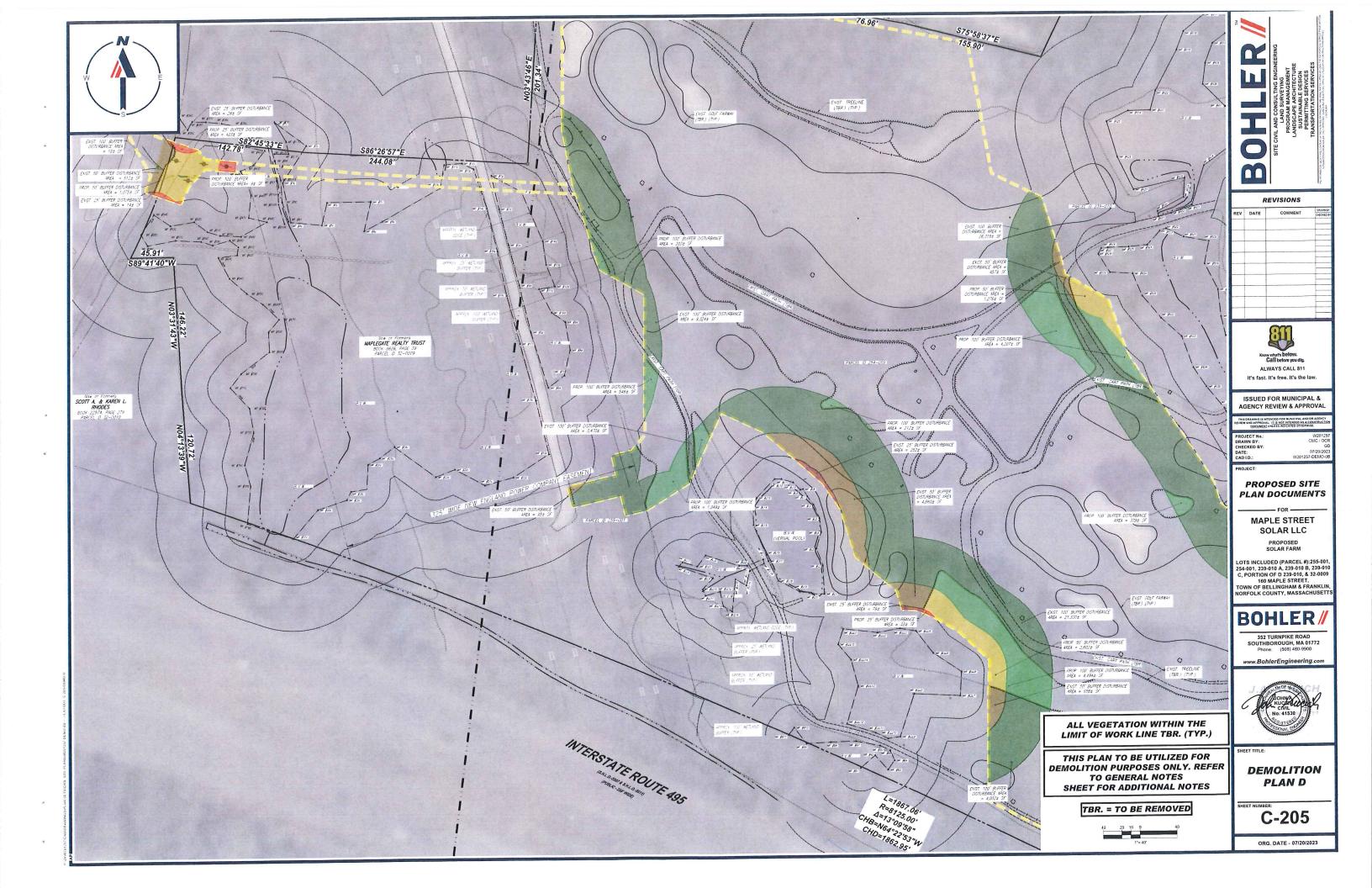
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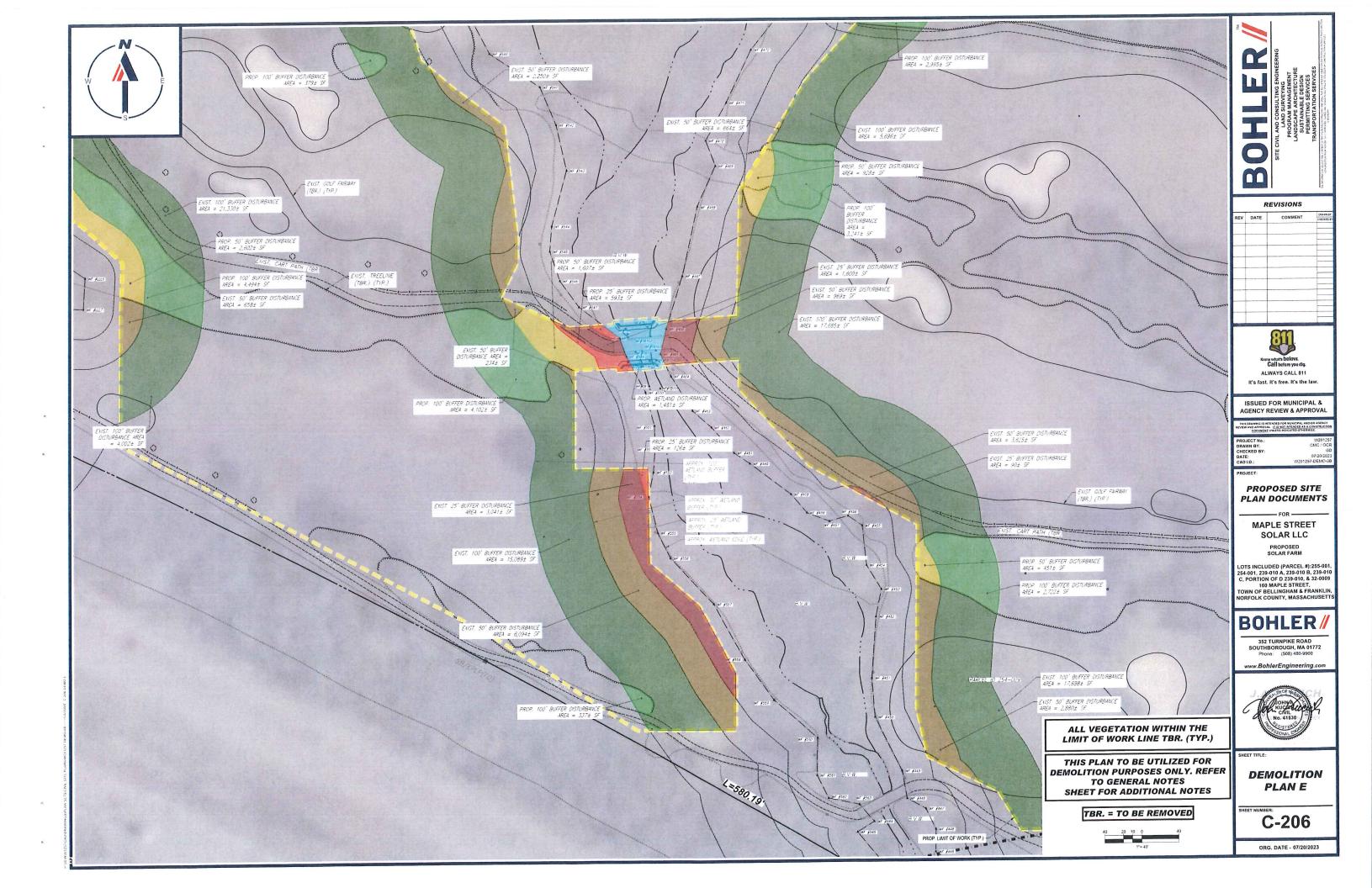
C-201





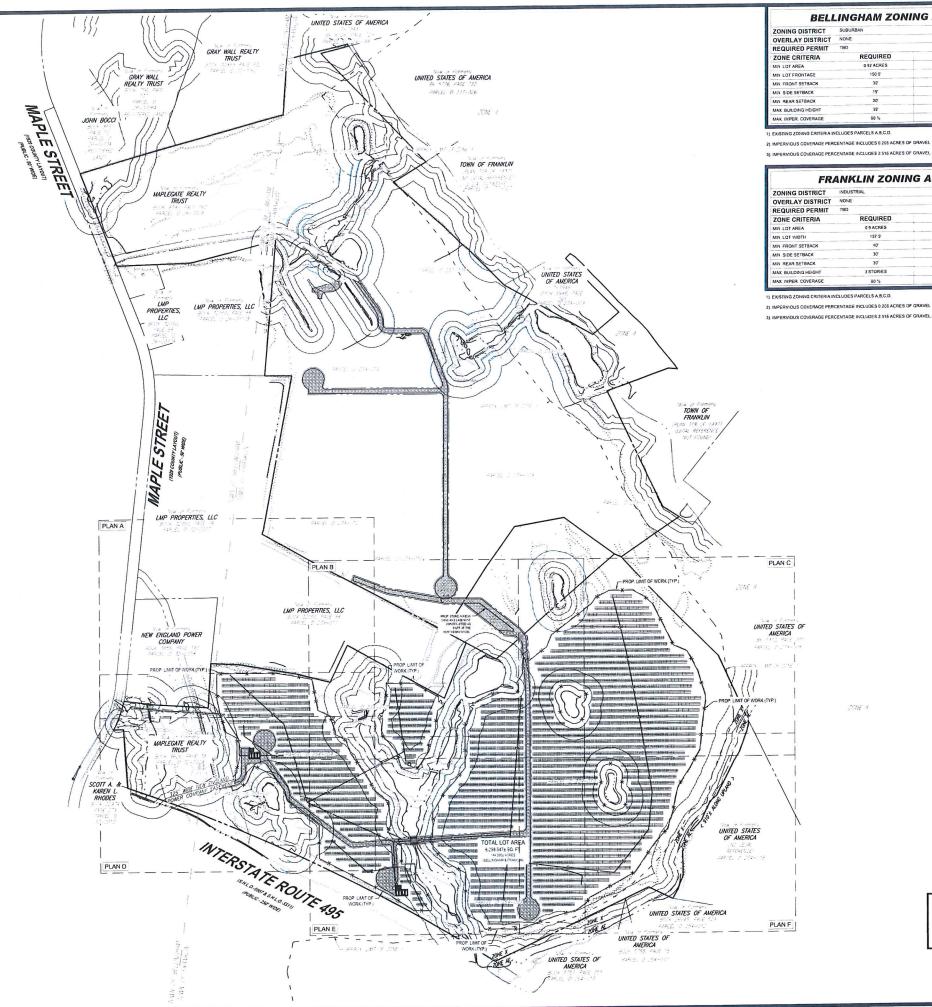


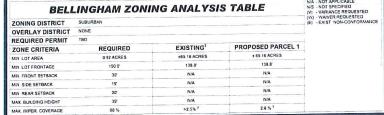












FRANKLIN ZONING ANALYSIS TABLE PROPOSED PARCEL 1 EXISTING1 2272 T < 3 STORIES

<2.5%²

2.6 % 1

THIS PLAN TO BE UTILIZED FOR SITE

LAYOUT PURPOSES ONLY. REFER TO

GENERAL NOTES

SHEET FOR ADDITIONAL NOTES

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REVISIONS REV DATE COMMENT



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PROPOSED SITE **PLAN DOCUMENTS**

MAPLE STREET

SOLAR LLC

LOTS INCLUDED (PARCEL #):255-001, 254-001, 239-010 A, 239-010 B, 239-010 C, PORTION OF D 239-010 B, 232-0009 160 MAPLE STREET. TOWN OF BELLINGHAM & FRANKLIN, NORFOLK COUNTY, MASSACHUSETTS

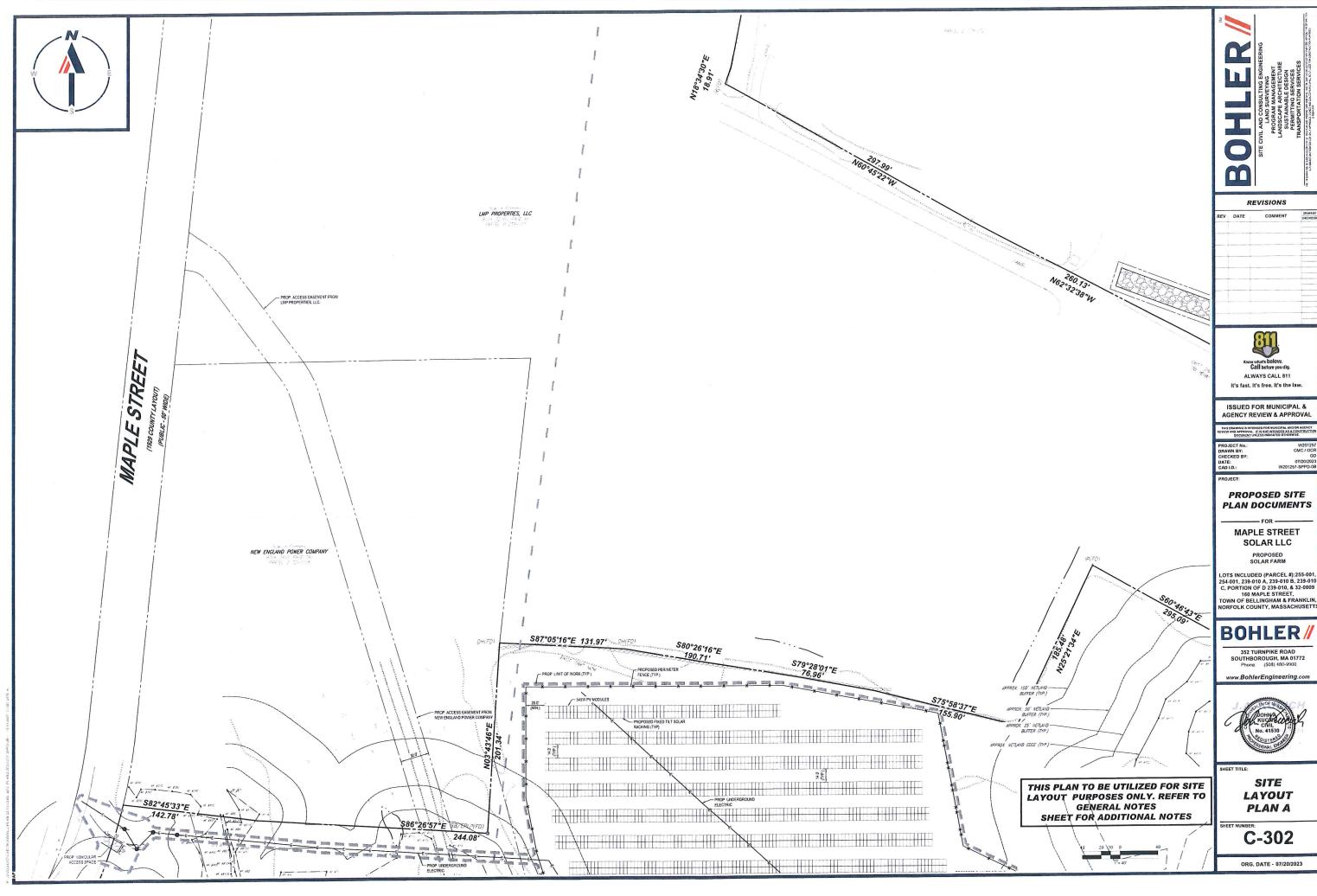


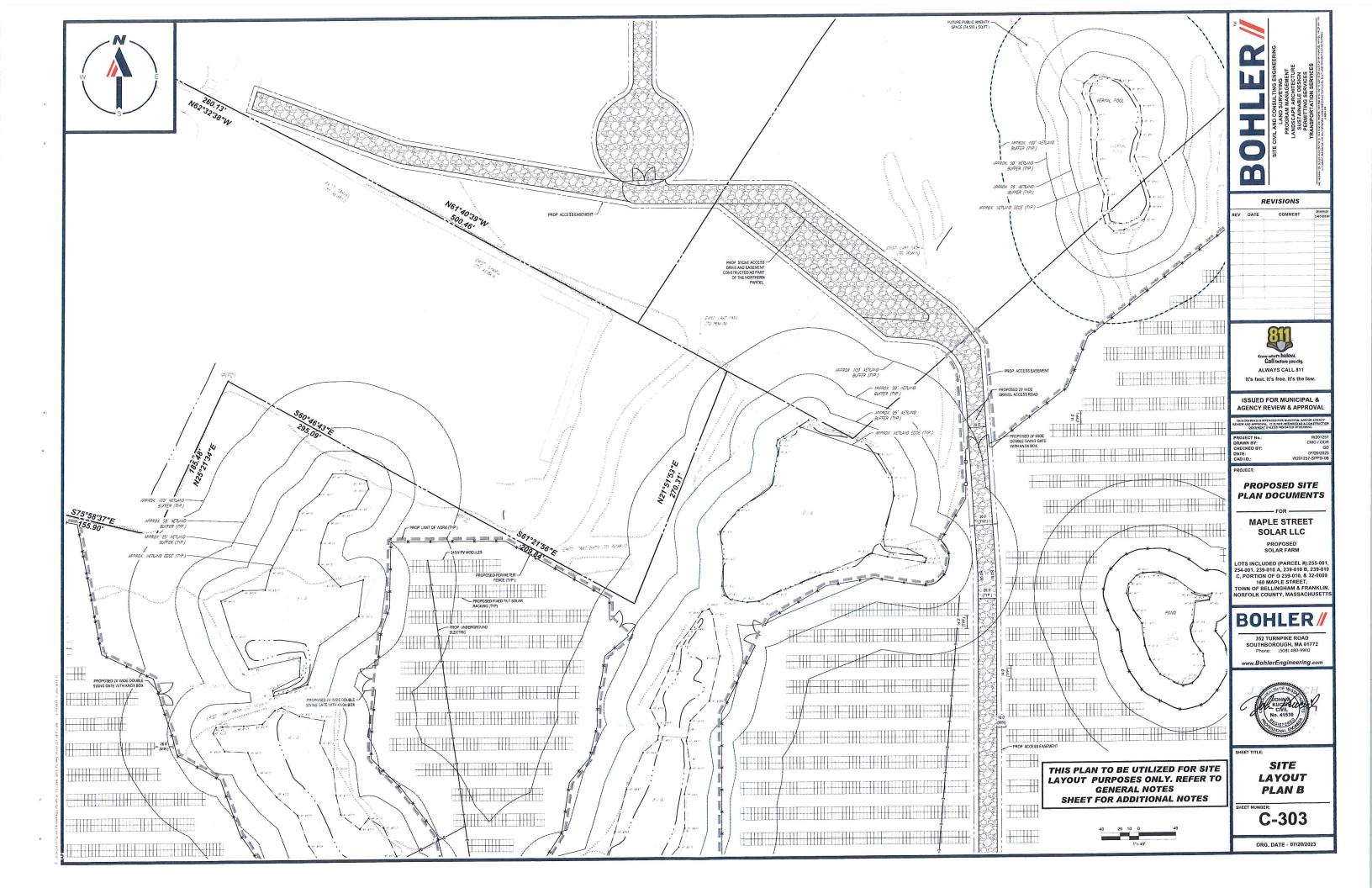
352 TURNPIKE ROAD SOUTHBOROUGH, MA 01772 Phone: (508) 480-9900

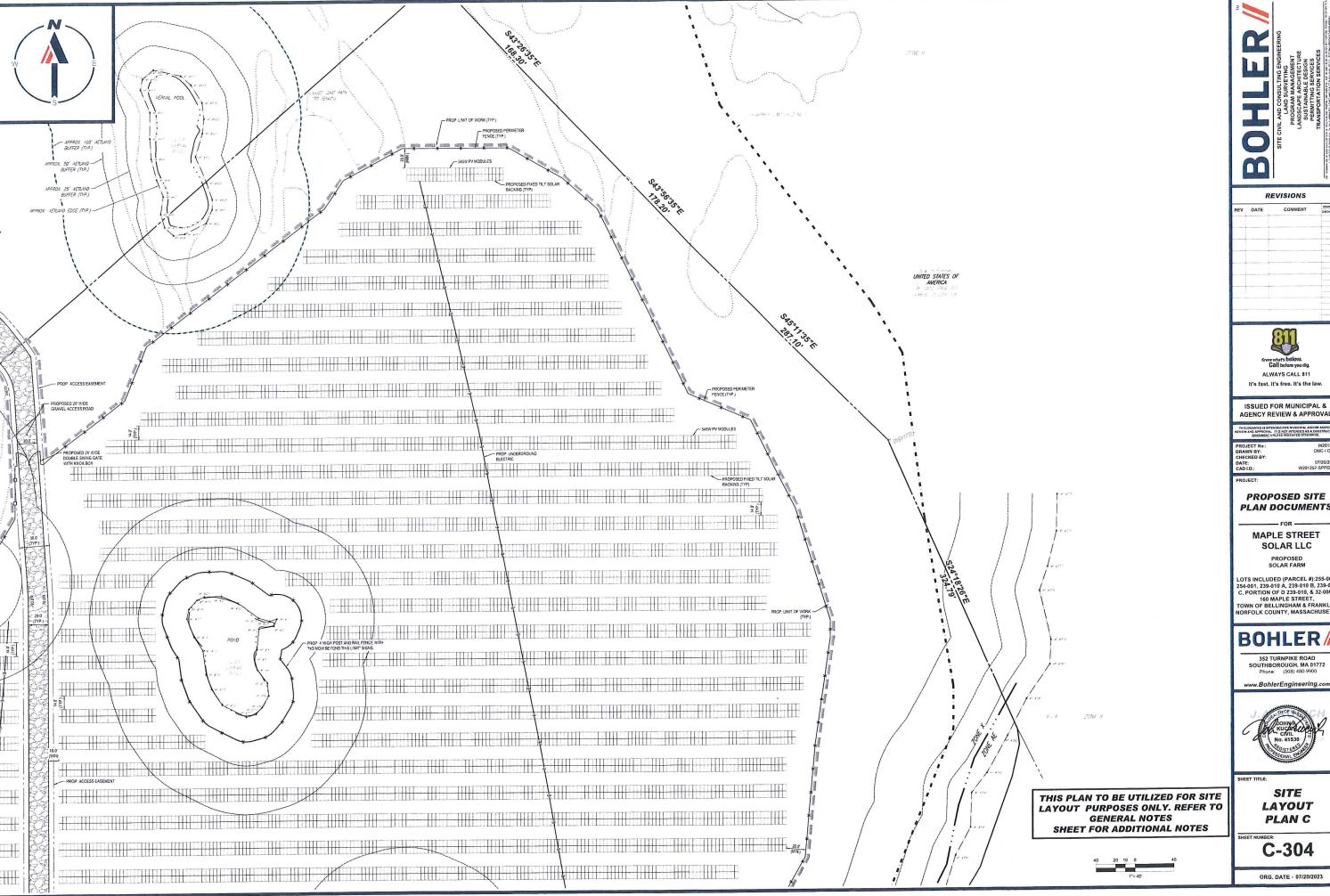


OVERALL SITE LAYOUT PLAN

C-301











PROPOSED SITE **PLAN DOCUMENTS**

> MAPLE STREET SOLAR LLC

LOTS INCLUDED (PARCEL #):255-001, 254-001, 239-010 A, 239-010 B, 239-010 C, PORTION OF D 239-010, & 32-0009 160 MAPLE STREET, TOWN OF BELLINGHAM & FRANKLIN, NORFOLK COUNTY, MASSACHUSETT

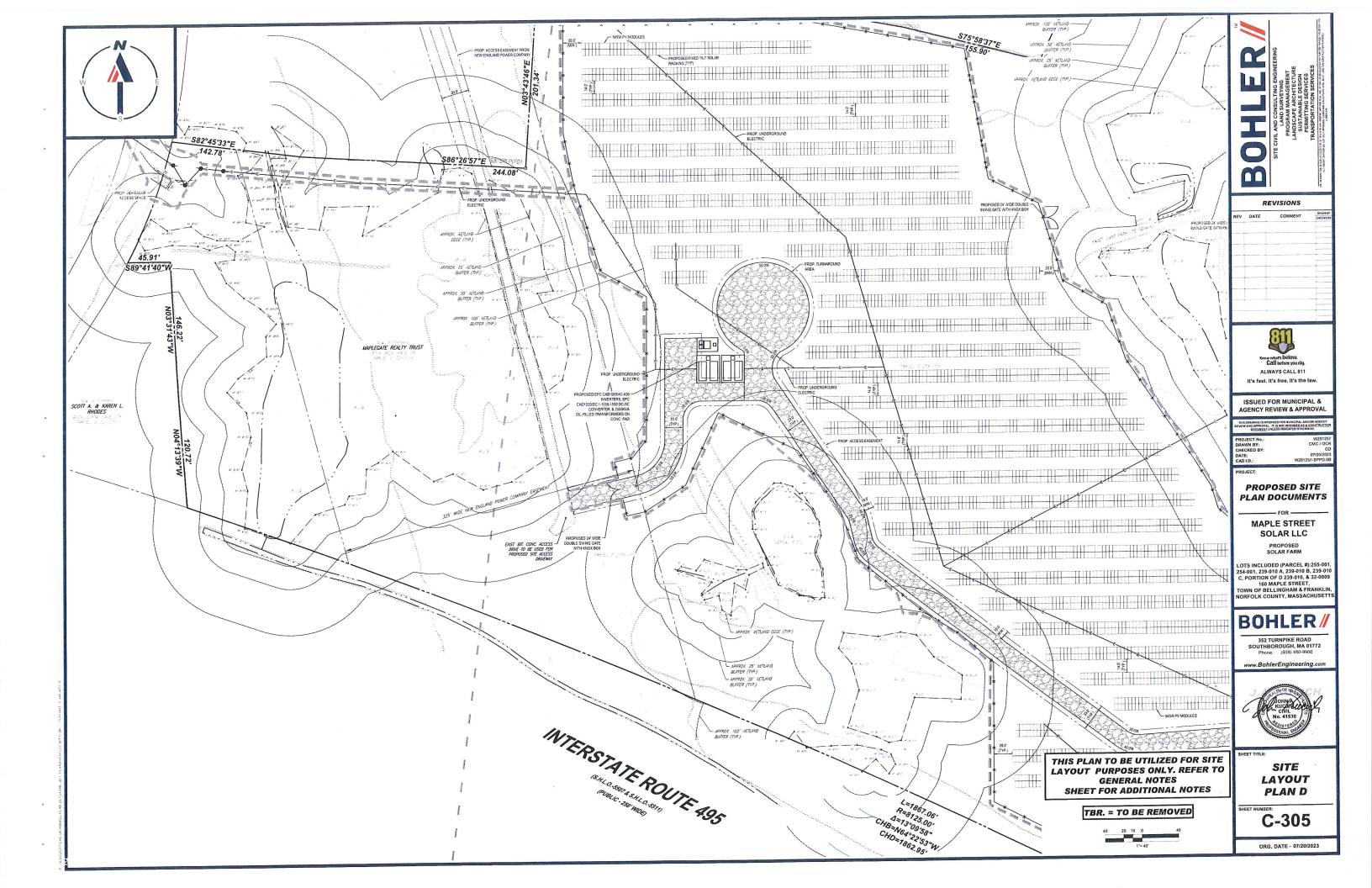
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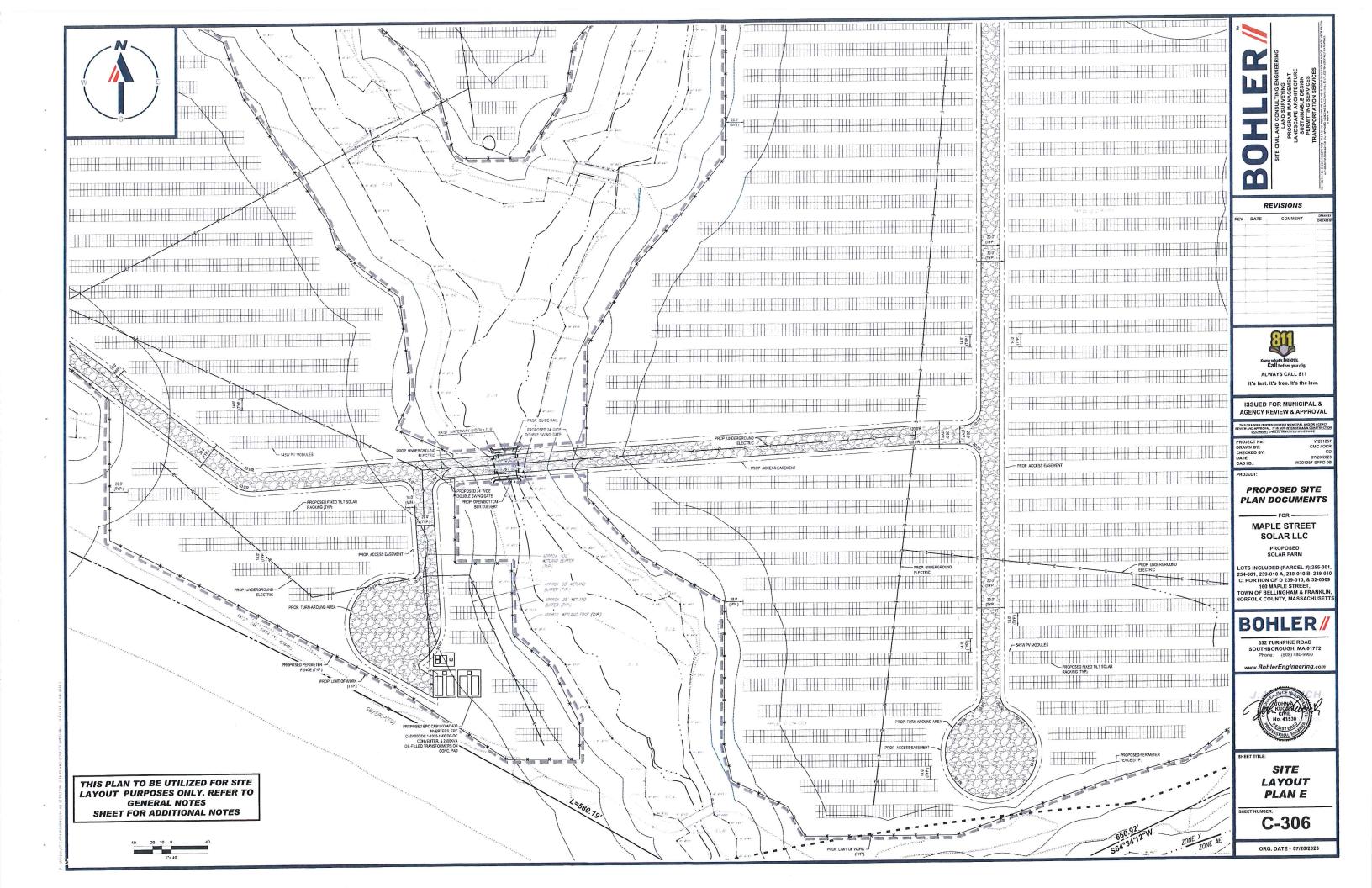
352 TURNPIKE ROAD SOUTHBOROUGH, MA 01772 Phone: (508) 480-9900

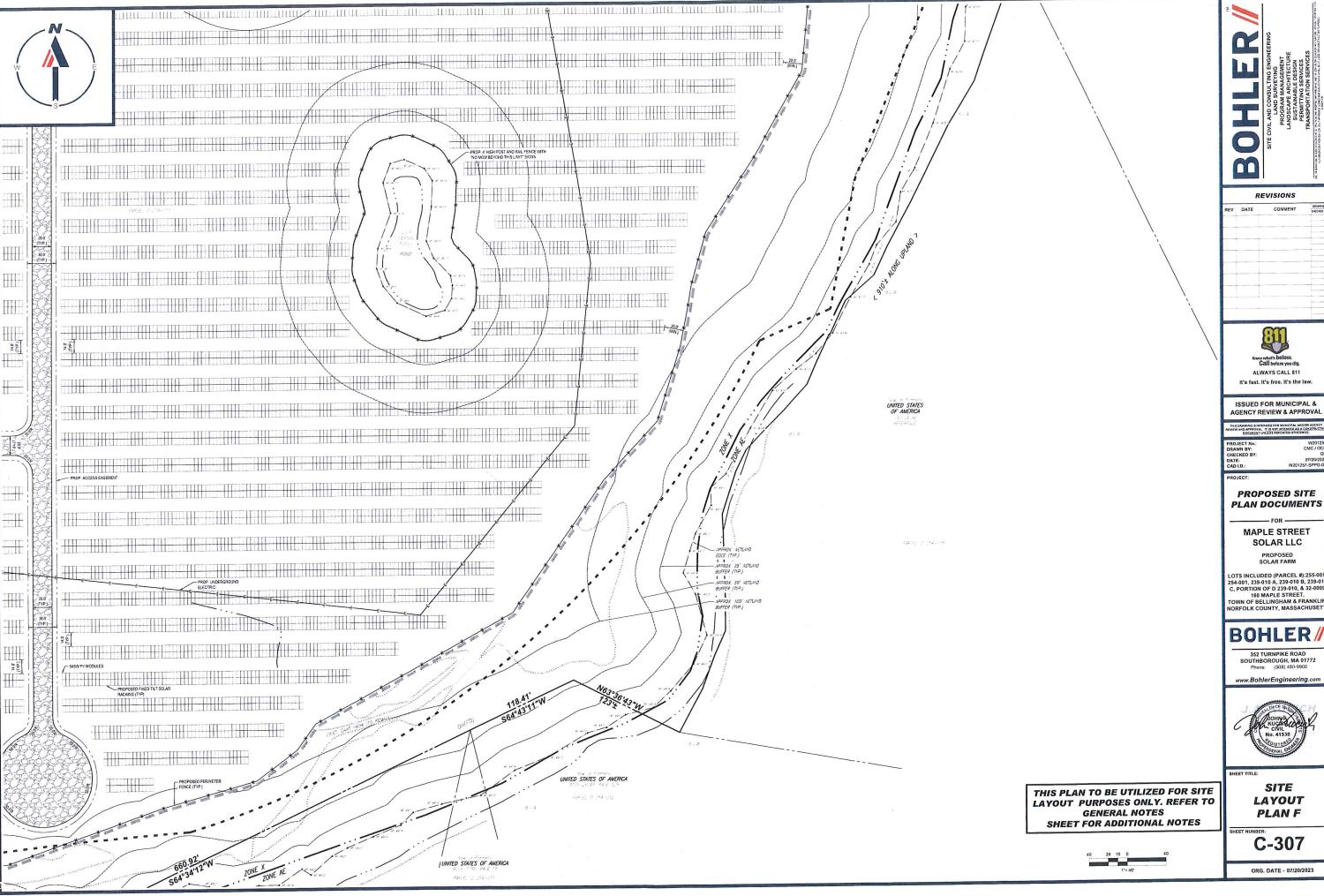


SITE LAYOUT PLAN C

C-304







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AGENCY REVIEW & APPROVAL

PROPOSED SITE **PLAN DOCUMENTS**

SOLAR LLC

LOTS INCLUDED (PARCEL #):255-001, 254-001, 239-010 A, 239-010 B, 239-010 C, PORTION OF D 239-010, & 32-0009 160 MAPLE STREET, TOWN OF BELLINGHAM & FRANKLI



SITE LAYOUT

C-307







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PROPOSED SITE PLAN DOCUMENTS

MAPLE STREET SOLAR LLC

PROPOSED SOLAR FARM

LOTS INCLUDED (PARCEL #):255-001, 254-001, 239-010 A, 239-010 B, 239-010 C, PORTION OF D 239-010, & 32-0009 160 MAPLE STREET, TOWN OF BELLINGHAM & FRANKLIN, NORFOLK COUNTY, MASSACHUSETTS



352 TURNPIKE ROAD SOUTHBOROUGH, MA 01772 Phone: (508) 480-9900

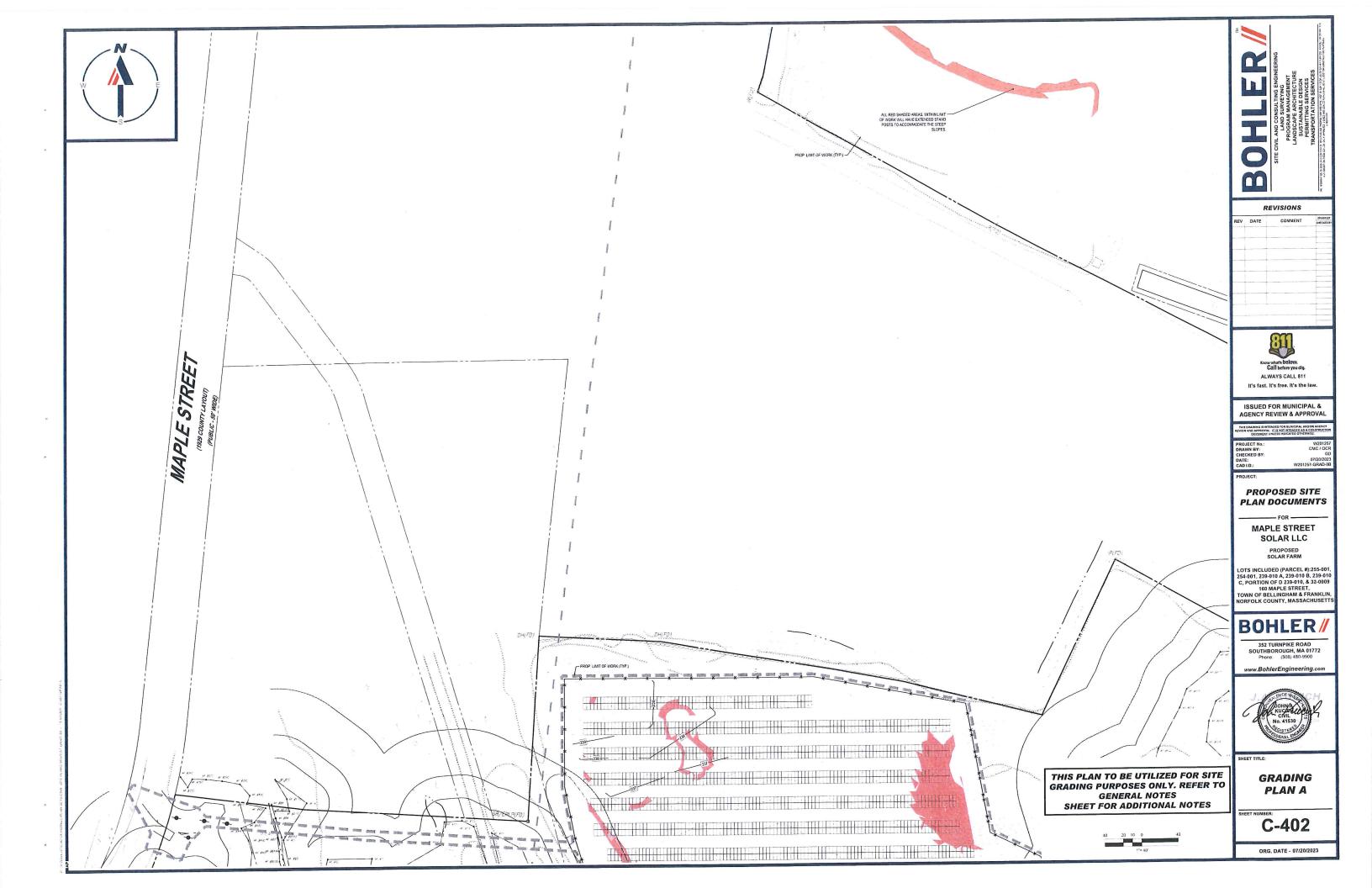


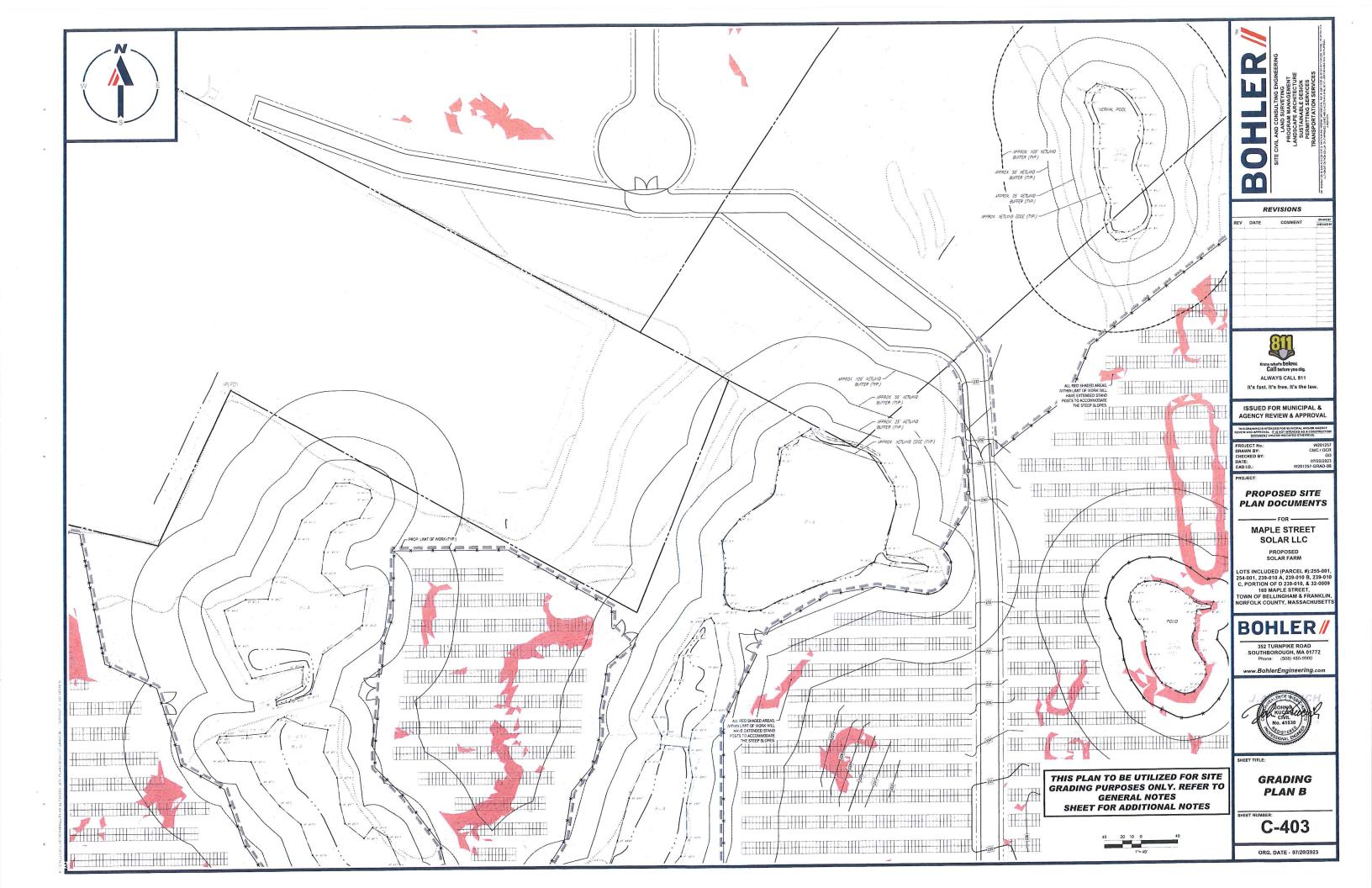
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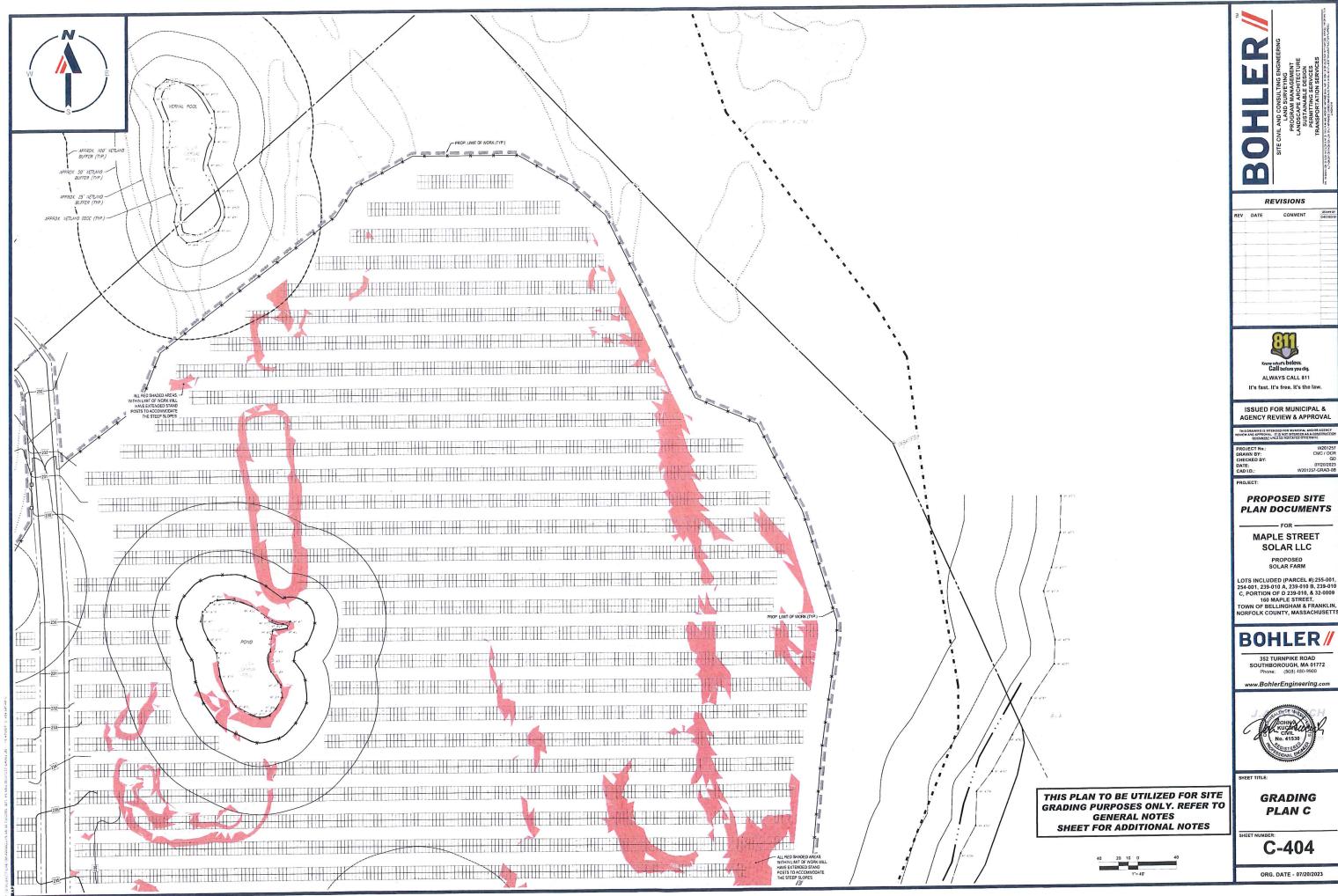
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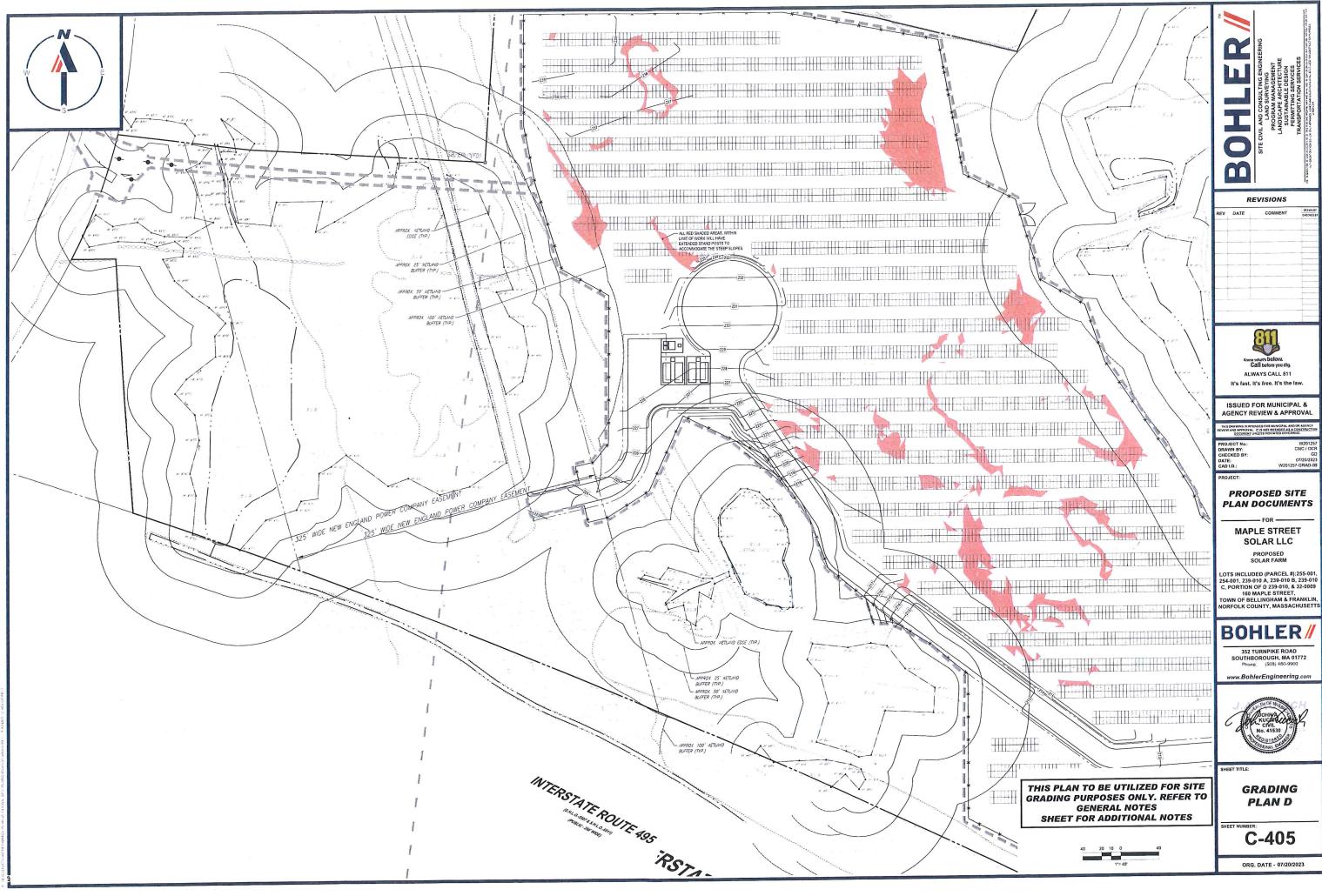
OVERALL GRADING **PLAN**

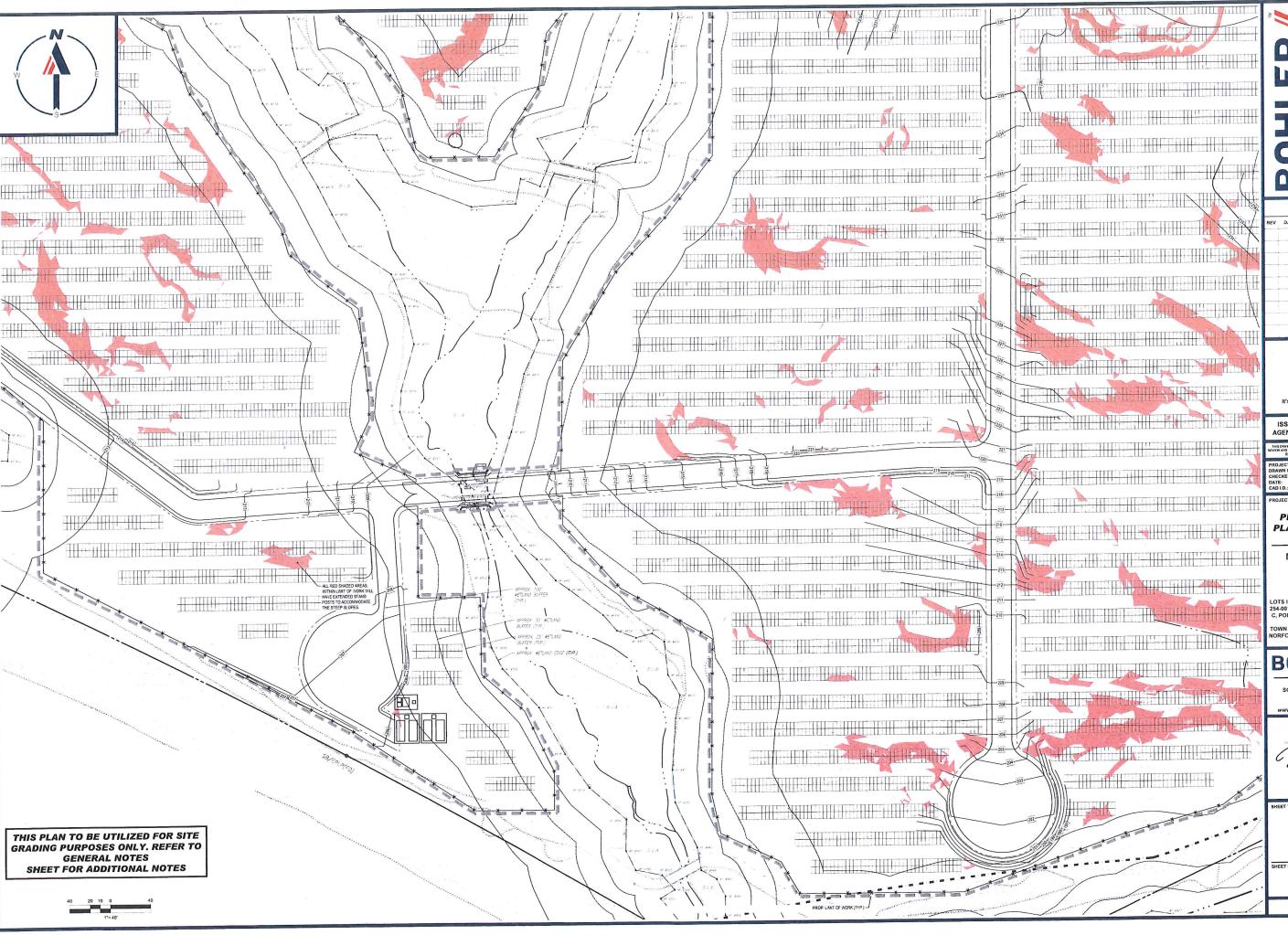
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PROPOSED SITE **PLAN DOCUMENTS**

MAPLE STREET SOLAR LLC

LOTS INCLUDED (PARCEL #):255-001, 254-001, 239-010 Å, 239-010 B, 239-010 C, PORTION OF D 239-010, & 32-0009 160 MAPLE STREET, TOWN OF BELLINGHAM & FRANKLIN, NORFOLK COUNTY, MASSACHUSETTS

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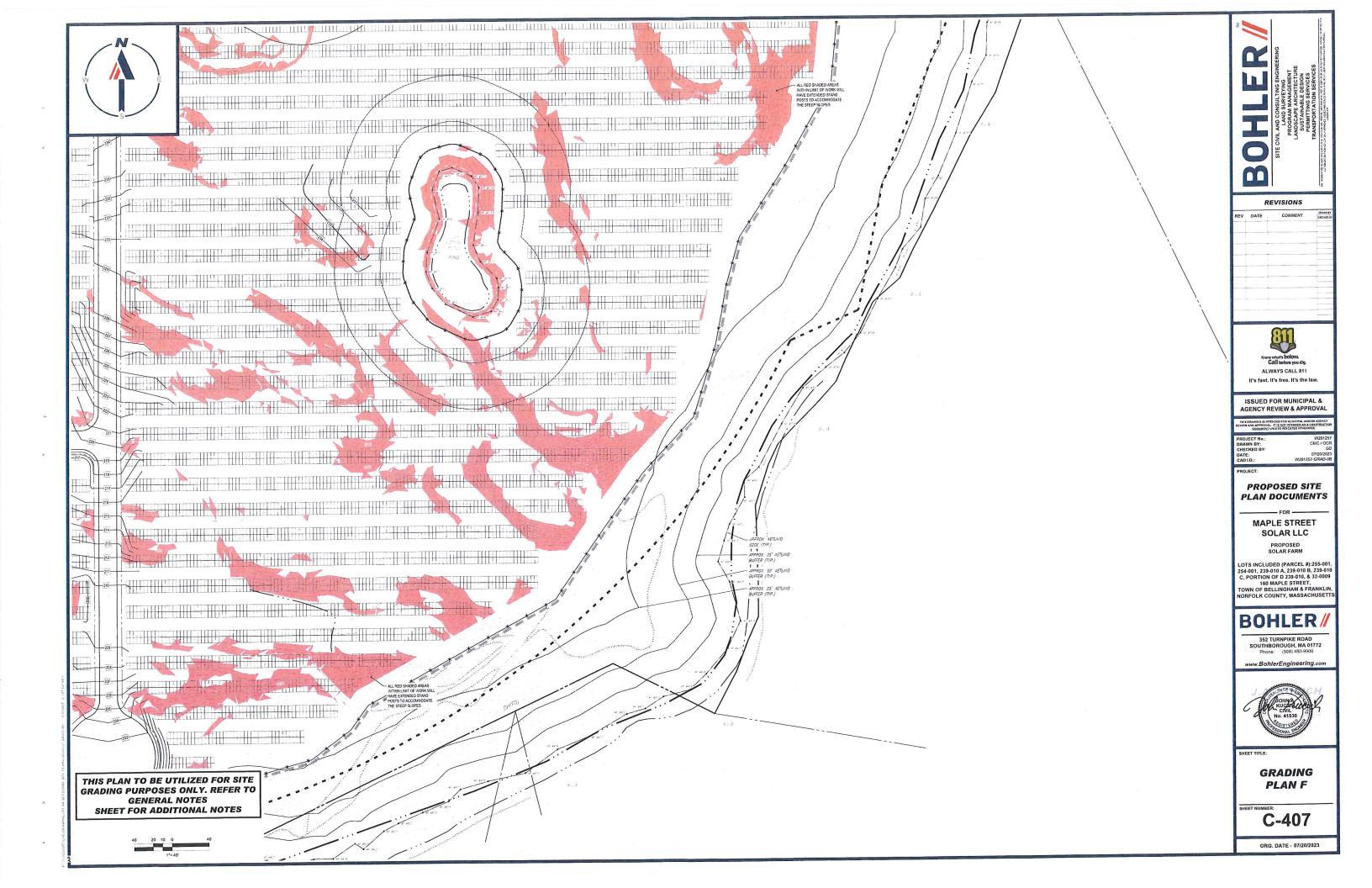
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GRADING PLAN E

C-406









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PROPOSED SITE **PLAN DOCUMENTS**

MAPLE STREET

SOLAR LLC

LOTS INCLUDED (PARCEL #):255-001, 254-001, 239-010 A, 239-010 B, 239-010 C, PORTION OF D 239-010 B, 232-0009 160 MAPLE STREET, TOWN OF BELLINGHAM & FRANKLIN, NORFOLK COUNTY, MASSACHUSETTS

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THIS PLAN TO BE UTILIZED FOR SITE SOIL AND EROSION CONTROL
PURPOSES ONLY

MEADOW SEED MIX SHALL BE INSTALLED WITHIN ALL LANDSCAPE AREAS DELINEATED BY THE LIMIT OF WORK

REFER TO SOIL EROSION CONTROL NOTES & DETAIL SHEET FOR EROSION NOTES AND DETAILS

EROSION CONTROL BARRIER SHALL CONSIST OF BOTH COMPOST SOCK

AND SIT FENCE UNLESS OTHERWISE NOTED. SEE DETAILS FOR MORE INFORMATION.

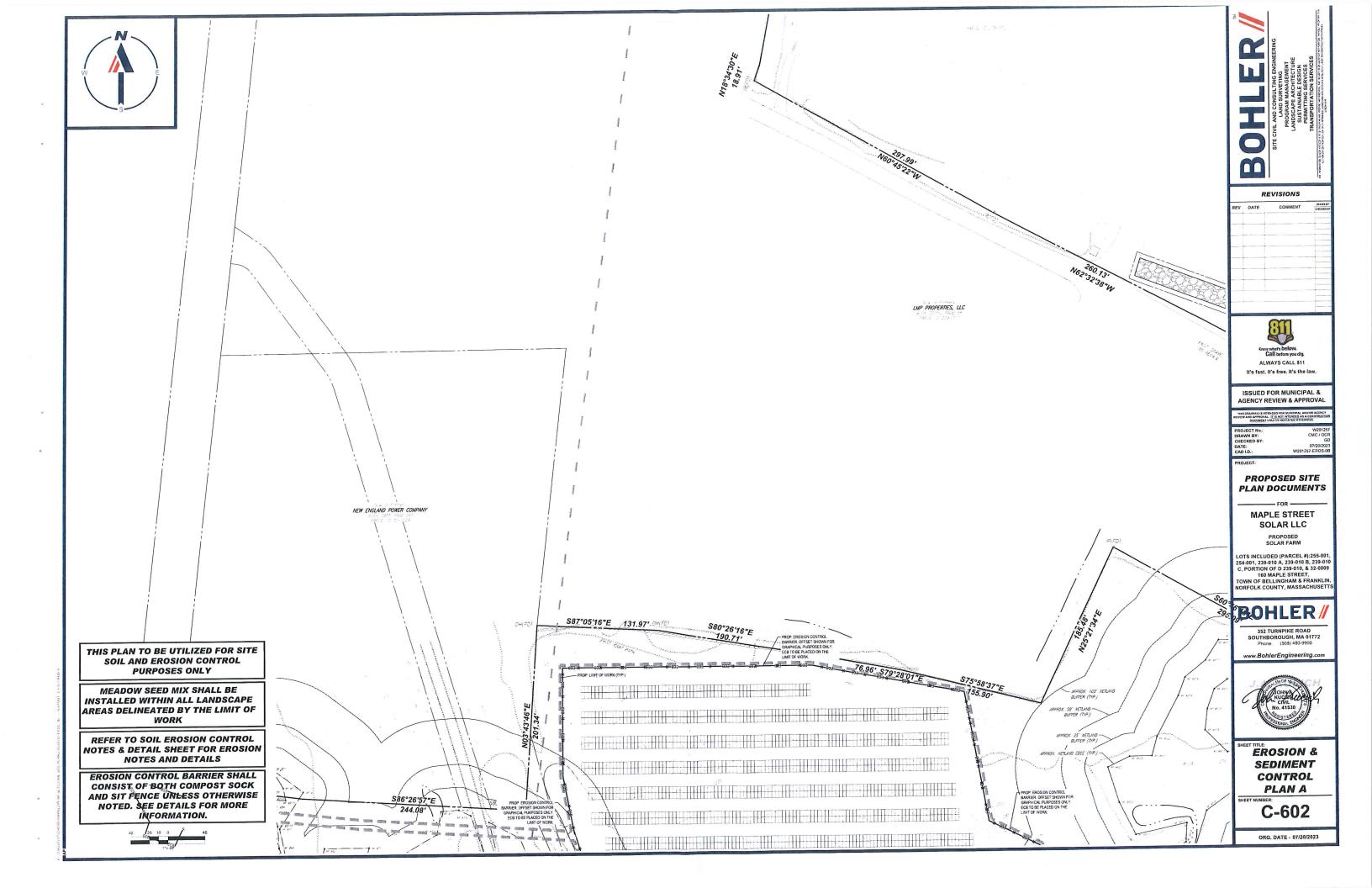
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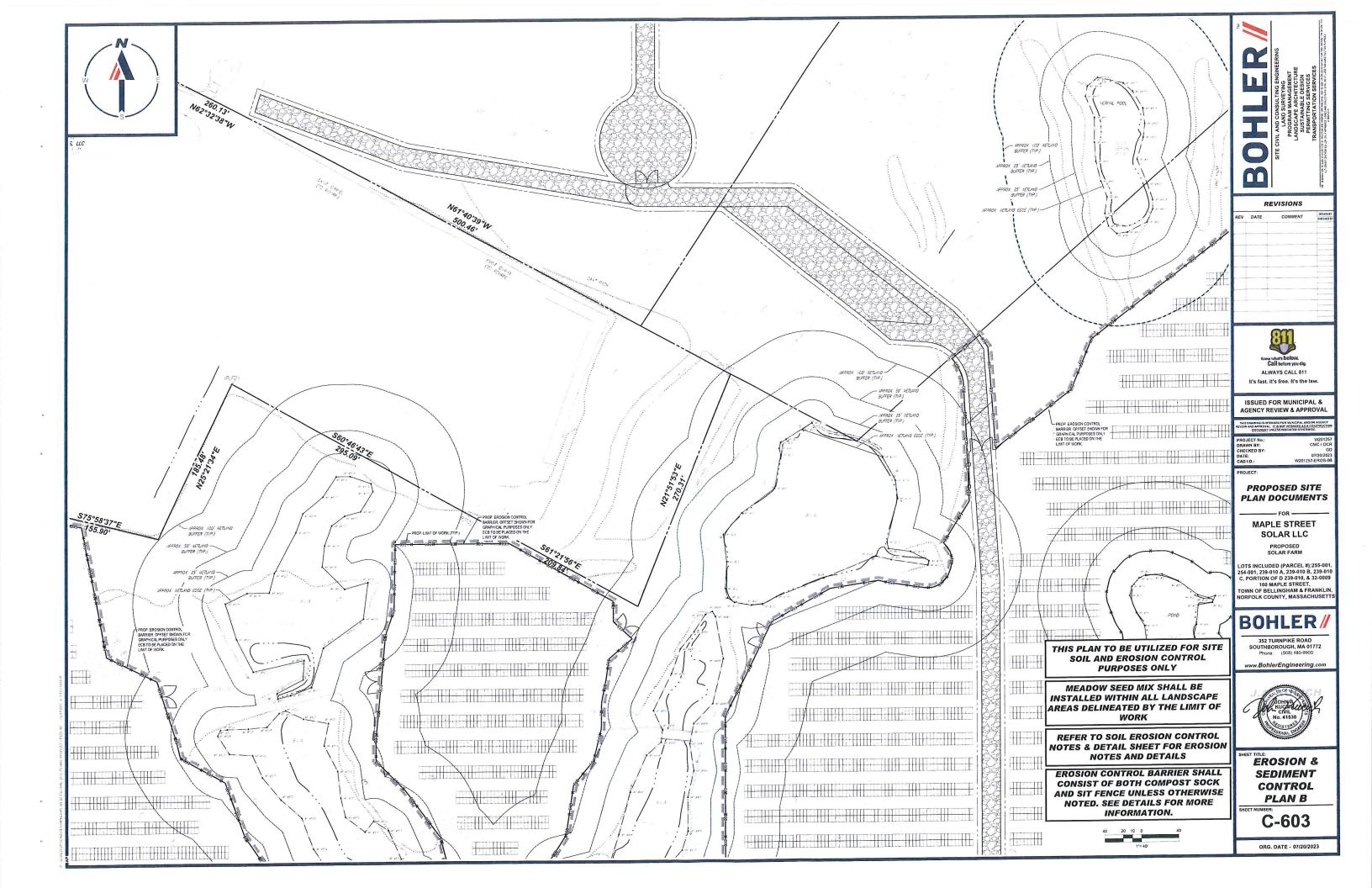
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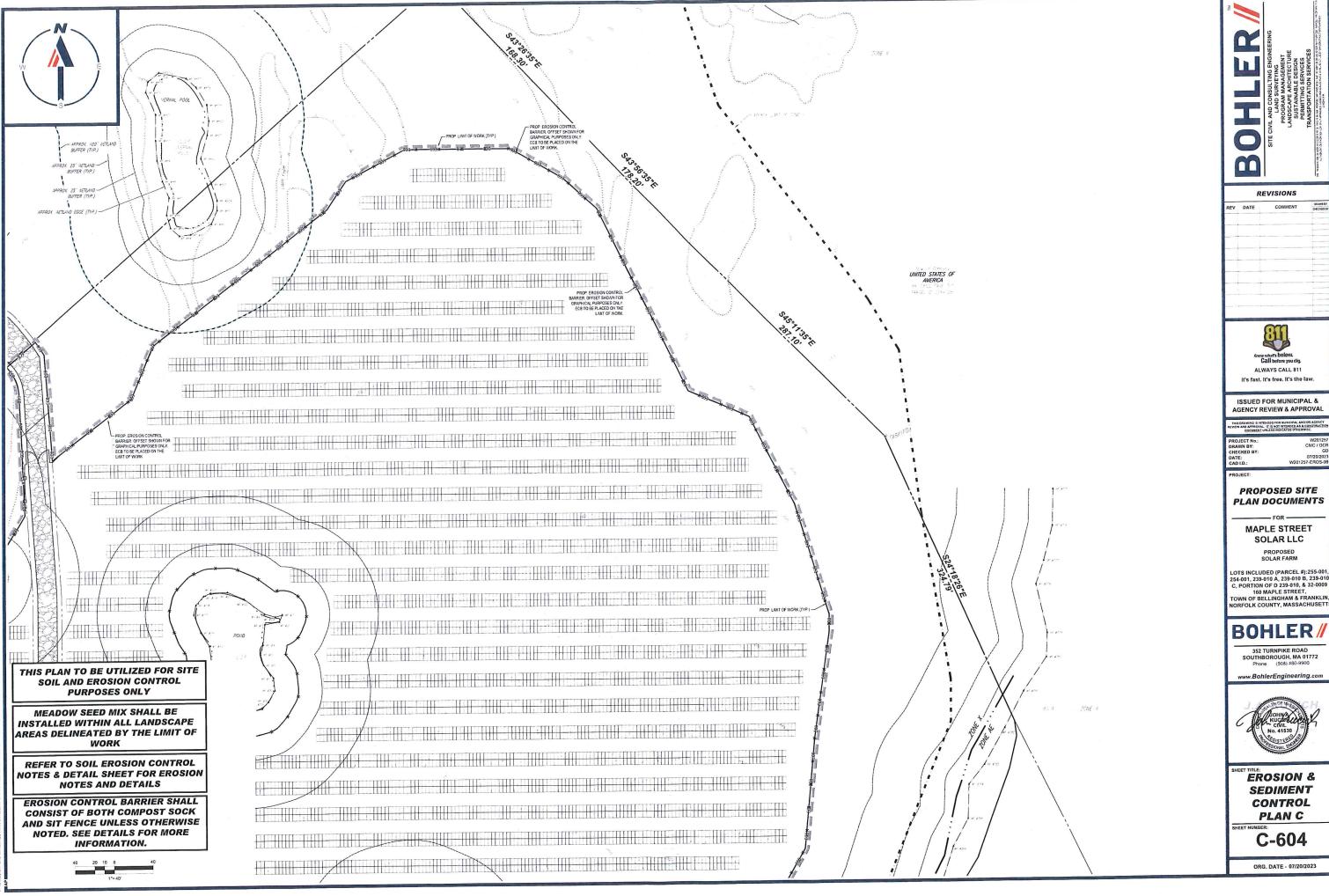


OVERALL **EROSION &** SEDIMENT **CONTROL PLAN**

C-601

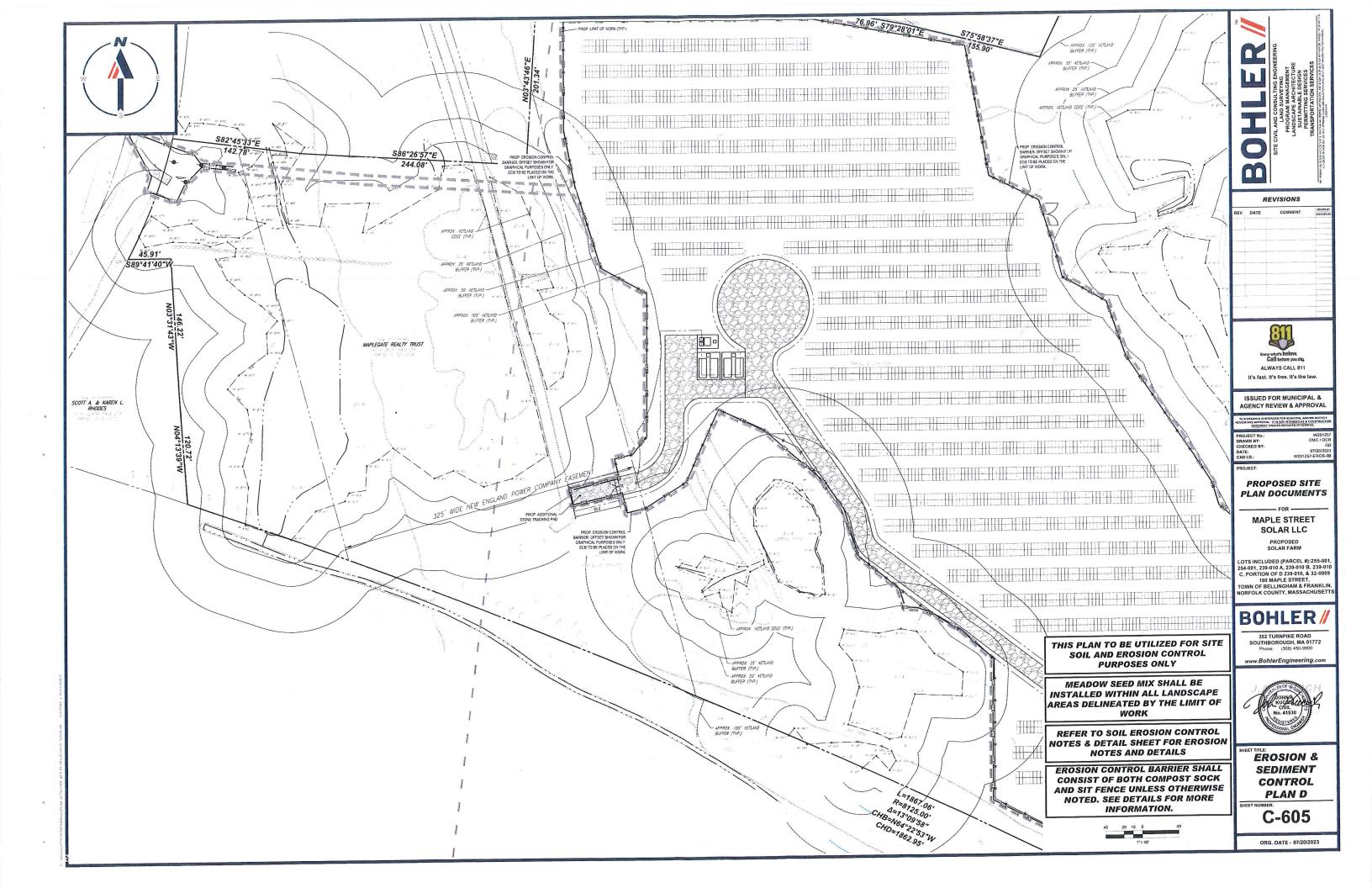


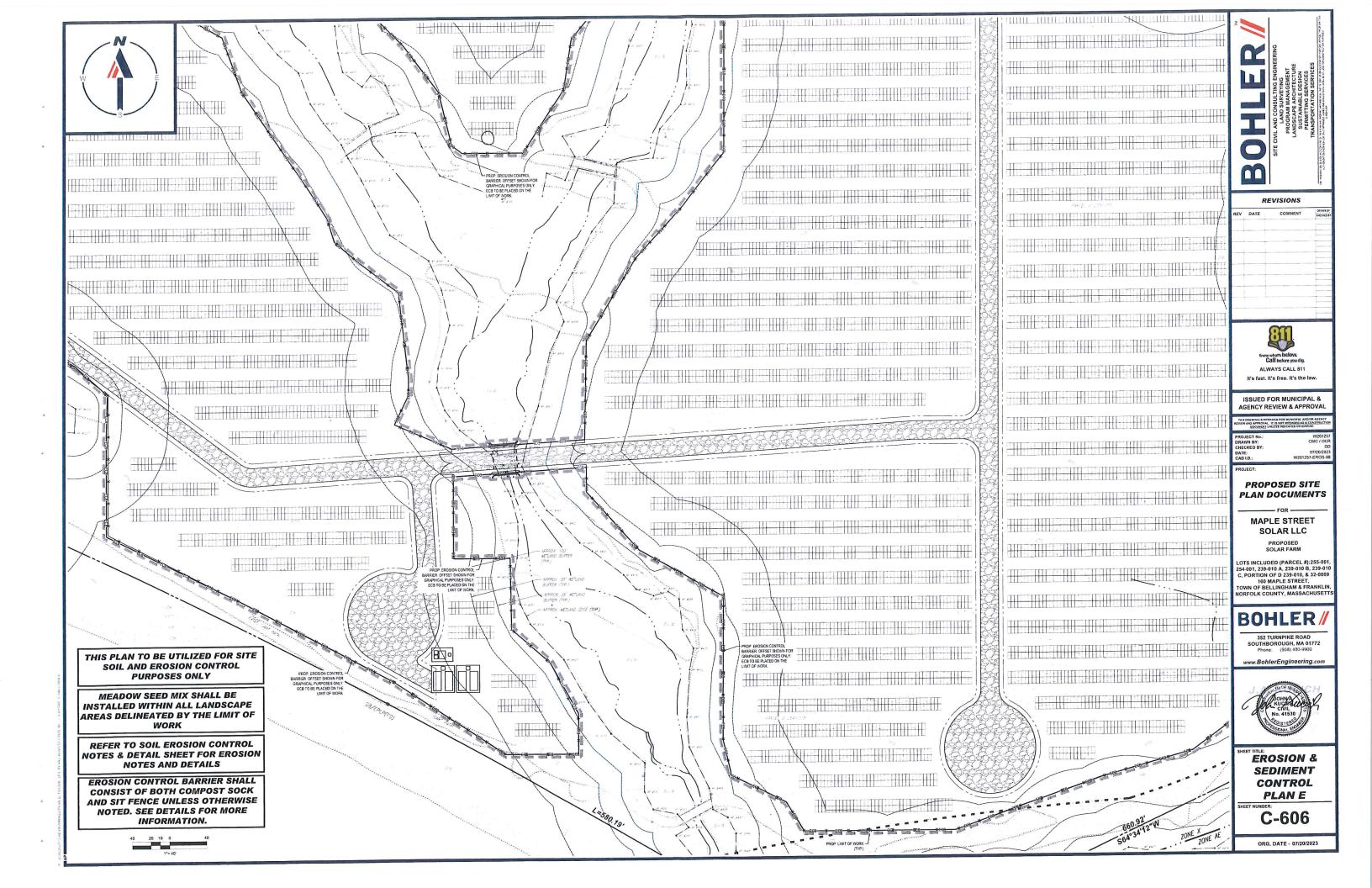


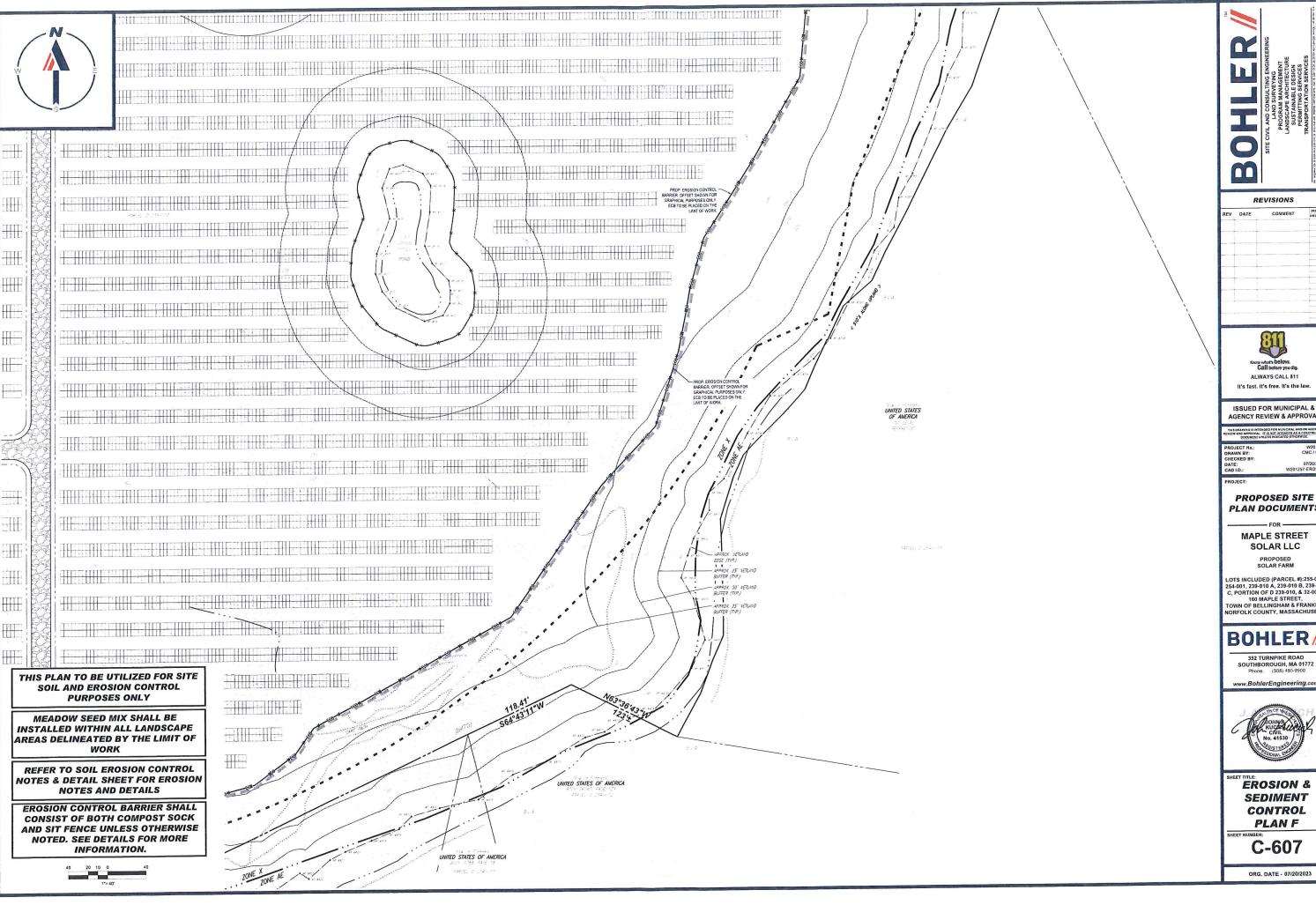


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PROPOSED SITE PLAN DOCUMENTS

MAPLE STREET

SOLAR LLC

OTS INCI UDED (PARCEL #):255-001 LOTS INCLUDED (PARCEL #):255-001, 254-001, 239-010 B, 239-010 B, 239-010 C, PORTION OF D 239-010, & 32-0009 160 MAPLE STREET,
TOWN OF BELLINGHAM & FRANKLIN, NORFOLK COUNTY, MASSACHUSETTS

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EROSION & SEDIMENT CONTROL PLAN F

C-607

GENERAL EROSION AND SEDIMENT CONTROL NOTES **EROSION AND SEDIMENT CONTROL NOTES** ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE DONE AS SET FORTH IN THE MOST CURRENT STATE SEDIMENT AND EROSION CONTROL MANUAL. THE GENERAL NOTES MUST BE INCLUDED AS PART OF THIS ENTIRE DOCUMENT PACKAGE AND ARE PART OF THE CONTRACT DOCUMENTS. THE OI NOTES ARE REFERENCED HEREIN, AND THE CONTRACTOR MUST REFER TO THEM AND PLUY COMPLY WITH THESE NOTES. IN THEIR ENTIRETY T CONTRACTOR MUST BE FAMILIAR WITH AND ACKNOWLEDGE FAMILIARITY WITH ALL OF GENERAL NOTES AND ALL OF THE PLANS SPECIFIC. EROSION CONTROL MEASURES MUST CONFORM TO THE STATE, LOCAL, AND FEDERAL GUDELINES FOR URBAN EROSION AND SECON UNLESS OTHERWISE NOTED, OR LINLESS ENGINEER CLEARLY AND SECON FLALLY IN WITHING, DIRECTS OTHERWISE INSTALLATION CONTROL, LEARNING, AND DIST EVEN MANUS TE PERFORMED EARLY AS MOCKATED IN THE REDGE OCHTRICE, CLEARLY CANDISTRUCTIONS. -INSTALLATION OF STABILIZED CONSTRUCTION ENTRANCE/EXIT (AS SHOWN THOSE AREAS UNDERGOING ACTUAL CONSTRUCTION WILL BE LEFT IN AN UNTREATED OR UNVEGETATED CONDITION FOR A MINIMUM TIME AREAS SHALL BE PERMANENTLY STABILIZED IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REQUIREMENTS. AT AMINIMUM, AREAS SHALL BE PERMANENTLY STABILIZED IN ACCORDING TO THE CURRENT EDITION OF THE STORMAYTER POLLUTION PREVENTION PLAN (SWEPP), OR IN THE ASSENCE OF A SWEPP. THEY SHALL BE PERMANEITLY STABILIZED WITHIN 14 DAYS OF PRIOR GRADING AND TEMPORARY STABILIZED WITHIN 30 DAYS OF FIRST BALL BISTURGANCE IS WITHIN 100 FEET OF A STREAM ON POND, THE AREA SHALL BE STABILIZED WITHIN 17 DAYS OR PRIOR TO ANY STORM EVENT (THIS WOULD INCLUDE WELLAND). AREA OF SITE CONSTRUCTION INSTALLATION OF FROSION CONTROL BARRIER (STRAW BALES AND SILT FENCE) (AS SHOWN THE DISTURBED LAND AREA OF THIS SITE IS APPROXIMATELY 44.133 ACRES. THE FOLLOWING EROSON CONTROL MEASURES ARE PROPOSED FOR THIS SITE: 1 STABLIZED CONSTRUCTION ERITRANCE EXIT - A TEMPORARY GRAVEL CONSTRUCTION ENTRANCE EXIT IS TO BE INSTALLED AT THE DESIGNATED LOCATION SHOWN ON THE PLAY THAS AREA MUST BE GRADED SO THAT RUMPEY WATER WILL BE RETAKED ON SITE. 2 SEDMENT FRICE - INSTALL SILT FENCES IN MICHOR SILT SOCK AROUND ALL OF THE DOWNSLOW FERMETERS OF THE SITE, TEMPORARY FILL AND SINGTALL FILTER PASIC DOOR PLAY PROTECTION ADONDE AND DEMANDER WILL BE CONTROL OF FROM DISTURBANCE WHICH MAY BE BELTOND THE LIMIT OF DISTURBED AREA. -DEMOLITION OF EXISTING SITE STRUCTURES (SEE DEMOLITION PLAN) DEMOLITION OF EXISTING SITE PAVEMENT AND AMENITIES (SEE DEMOLITION PLAN) -INSTALLATION OF TEMPORARY SWALES AND SEDIMENT BASINS 4' WOOD & WIRE SNOW FENCE WITH STEEL STAXE 15" O.C. INSTALLATION OF EROSION CONTROL DEVICES MUST BE IN ACCORDANCE WITH ALL OF THE MANUFACTURER'S R FARTHWORK AND EXCAVATION/FILLING AS NECESSARY ALL EROSION CONTROL STRUCTURES WILL BE INSPECTED, REPLACED ANDIOR REPAIRED EVERY 7 DAYS AND IMMEDIATELY FOLLOWING ANY SIGNIFICANT RAINFALL OR SNOW MELT OR WHEN NO LONGER SERVICEABLE DUE TO SEDIMENT ACCUMULATION OR DECOMPOSITION SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER ACHS STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE HALF THE HEIGHT OF THE BARRIERS SEDIMENT CONTROL DEPOSITS REACH APPROXIMATELY ONE HALF THE HEIGHT OF THE BARRIERS SEDIMENT CONTROL DEPOSITS REACH APPROXIMATELY ONE HALF THE HEIGHT OF THE BARRIERS SEDIMENT CONTROL DEPOSITS THAT ARE WITHIN AREAS SUBJECT TO CONSERVANCY COME AND ER EMANCHED FOR SEDIMENT CONTROL DEVICES THAT ARE WITHIN AREAS SUBJECT TO CONSERVANCY COMESSION JUNISDICTION, THE DEVICES SHALL REMAIN IN PLACE AND BE REMOVED IN ACCORDANCE WITH THE ORDER OF CONDITIONS. PLAN -STABILIZE PERMANENT LAWN AREAS AND SLOPES WITH TEMPORARY SEEDING WOOD & WIRE SNOW FENCE USED AS TREE GUARD TO INSTALLATION OF INLET PROTECTION OF ON-SITE UTILITIES (AS SHOWN) THE CONTRACTOR MUST INSTAL ADDITIONAL EROSION CONTROL MEASURES IF ENGINEER SO REQUIRES, TO PREVENT ANY, INCLUDING THE INCIDENT DISCHARGE OF SUTLABER RUNOFF FROM EXTING THE SITE. NO SLOPES, EITHER PERMANENT OR TEMPORARY, SHALL BE STEEPER THAN TWO TO ONE (2:1) UNLESS OTHERWISE INDICATED ON THE PLANS. SLOPE PROTECTION FOR SLOPES GREATER THAN 2.1 SHALL BE DESIGNED BY A GEOTECHNICAL ENGINEER. -CONSTRUCTION OF ALL CURBING AND LANDSCAPE ISLANDS AS INDICATED ON THE PLANS THE CONTRACTOR MUST BE RESPONSIBLE FOR INSPECTING AND MAINTAINING ALL EROSION CONTROL MEASURES ON THE SITE UNTIL PERMANENT PAWNS AND TURFALANDSCAPING IS ESTABLISHED THE COSTS OF INSTALLING AND MAINTAINING THE EROSION CONTROL MEASURES MUST BE INCLUDING THE BED PRICE FOR THE SITE WORK AND THE CONTRACTOR IS RESPONSIBLE FOR ALL SUCH COSTS. SPREAD TOPSOIL ON SLOPED AREAS AND SEED AND MULCH IF FINAL SEEDING OF THE DISTURBED AREAS IS NOT COMPLETED 4S DAYS PRIOR TO THE FIRST KILLING FROST, USE TEMPOR MULCH (DORMANT SEEDING MAY BE ATTEMPTED AS WELL) TO PROTECT THE SITE AND DELAY SEEDING UNTIL THE NEXT RECOMMENDED SEEDING PERIOD. THE CONTRACTOR MUST CONTINUE TO MAINTAIN ALL EROSION CONTROL MEASURES UNTIL THE COMPLETION OF CONST ESTABLISHMENT OF VEGETATION. -PLACE 5' TOPSOIL ON SLOPES AFTER FINAL GRADING COMPLETED. FERTILIZE, SEED, AND MULCH SEED MIXTURE TO BE INSTALLED AS REQUIRED. TEMPORARY SECONG OF DISTURBED AREAS THAT HAVE NOT BEEN FINAL GRADED SHALL BE COMPLETED 45 DAYS PRIOR TO THE FIRST KILLING FROST TO PROTECT FROM SPRING RUNOFF PROBLEMS. 4' WOOD & WIRE SNOW FENCE WITH STEEL STAKES 18 O C THE CONTRACTOR MUST REMOVE EROSION CONTROL MEASURES, SLT AND DEBRIS AFTER ESTABLISHING PERMANENT VEGETATION COVER OR OTHER INSTALLING A OFFERENT, SPECIFIED VETHOD OF STABLIZATION. REMOVAL OF THE TEMPORARY SEDIMENT BASINS DURING THE CONSTRUCTION PHASE, INTERCEPTED SEDIMENT SHALL BE REMOVED AND DISPOSED OF IN ACCORDA LOCAL, STATE, AND FEDERAL STANDARDS. THE CONTRACTOR MUST PROTECT ALL EXISTING TREES AND SHRUBS. THE CONTRACTOR MUST REFER TO THE LANDSCAPE AND/OR DEMOLITION PLAN FOR TREE PROTECTION, FENCE LOCATIONS AND DETAILS. REVEGETATION MEASURES WILL COMMENCE UPON COMPLETION OF CONSTRUCTION EXCEPT AS NOT -REMOVE EROSION CONTROLS AS DISTURBED AREAS BECOME STABILIZED TO 70% STABILIZATION OR GREATER ELEVATION 14 THE CONTRACTOR MUST REFER TO GRADING PLANS FOR ADDITIONAL INFORMATION 15. THE CONTRACTOR MUST CLEAN EXISTING AND PROPOSED DRAINAGE STRUCTURES AND INTERCONNECTING PIPES ON OR OFF-SITE AS THI JURISDICTIONAL AGENCY REQUIRES, BOTH AT THE TIME OF SITE STABLIZATION AND AT END OF PROJECT. USING 10-20-20 OR EQUIVALENT, APPLY GROUND LIMESTONE, ECUIVALENT TO 50% CALCIUM PLUS MAGRESIUM CAUEE), AT ART OF 51 TONS PER ACRE (131 & IP ERI), 000 SF). 10.3 FOLLOWING SEED BED PREPARATION, DITCHES AND BACK SLOPES WILL BE SEEDED TO A MAYUNE OF 41% CIBERING RED 10.4 FOLLOWING SEED BED PREPARATION, DITCHES AND BACK SLOPES WILL BE SEEDED TO A PREMIUNI THE MIXTURE OF 45%, FESCUE, 55% REDTOR, AND 45% TALL PESCUE. THE LAWN AREAS WILL BE SEEDED TO A PREMIUNI THE MIXTURE OF 45%, FESCUE, 55% REDTOR, AND 45% TALL PESCUE. AND 12% PERCHANGL NECEDAS. SEEDING BATE IS 10 SHEPT 1,000 SEL LAWN, QUALITY SOOT MAY SE SUBSTITUTED FOR SEED WHERE SLOPES DO NOT EXCEED 2.1, SOD ON SLOPES STEEPER. 15. SOL EROSION CONTROL MEASURES MUST BE ADJUSTED OR RELOCATED BY THE CONTRACTOR AS IDENTIFIED DURING SITE OBSERVATION IN ORDER. MAINTAIN THE COMPLETE EFFECTIVENESS OF ALL CONTROL MEASURES. TREE PROTECTION DURING RECOMMENDED CONSTRUCTION SEQUENCE SITE CONSTRUCTION THE CONTRACTOR MUST IDENTIFY, ON THE PLAN, THE LOCATION OF WASTE CONTAINERS, FUEL STORAGE TAKES, CONCRETE OTHER LOCATIONS WHERE HAZARDOUS MATERIALS ARE STORED N.T.S. NTS THAN 3:1 SHOULD BE PEGGED. 10.4. STRAW MULCH AT THE RATE OF 70-90 LBS PER 1,000 SF. A HYDRO-APPLICATION OF WOOD OR PAPER FIBER SHALL BE APPLIED FOLLOWING SEEDING. A SUITABLE NON-TOXIC BINDER WILL BE USED ON STRAW MULCH FOR WIND CONTROL. ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED ONCE THE SITE IS 70% STABLIZED. FOR EROSION CONTROL MEASURES THAT ARE WITHIN AREAS SUBJECT TO CONSERVATION COMMISSION JURISDICTION, THE MEASURES SHALL REMAIN IN PLACE AND BE REMOVED IN ACCORDANCE WITH THE ORDER OF CONDITIONS. WETLANDS WILL BE PROTECTED WITH BARRIERS CONSISTING OF STRAW BALES, COMPOST TUBES, SILT FENCE OR A COMBINATION THEREOF 13. ALL AREAS WITHIN 100 FEET OF A FLAGGED WETLAND OR STREAM SHALL HAVE AN EXPOSURE WINDOW OF NOT MORE THAN 7 DAY ALL AREAS WITHIN 100 FEET OF A FLAGGED WETLAND OR STREAM SHALL FOLLOW APPROPRIATE EROSION CONTROL MEASURES PRIOR TO EACH STORM IF NOT BEING ACTIVELY WORKED: 2-1/2" CLEAN STONE MULCH RATE (1000 SF) 100 POUNDS PROTECTED AREA PROFILE WINDY AREA SHREDDED OR CHOPPED CORNSTALKS STRAW (ANCHORED)* AS REQUIRED JUTE MESH OR EXCELSIOR MAT 25'R VELOCITY AREAS OR STEEP SLOPES GREATER (REFER TO GEOTECHNICAL REPORT FOR FINAL DESIGN REQUIREMENT) * A HYDRO-APPLICATION OF WOOD OR PAPER FIBER MAY BE APPLIED FOLLOWING SEEDING. A SUITABLE NON-TOXIC BINDER SHALL BE USED TO ADDITIONAL WIND CONTROL. EXISTING -GROUND *MULCH ANCHORING: ANCHOR MULCH WITH PEG AND TWINE (1 SQ. YDIBLOCK), MULCH NETTING (AS PER MANUFACTURER), WOC CELLULOSE FIBER (750 LBISACRE), CHEMICAL TACK (AS PER MANUFACTURER'S SPECIFICATIONS), USE OF A SERRATED STRAIGH DISK. WETTING FOR SWALL AREAS AND ROAD DITCHES MAY SE PERMITTED. 25R & AFEA DHOISEN FOR STOCKPILING OFERAL UND SHALL DRY AND STABLE WARRING ME OFE OF STOCKPILE SHALL SE THIS JPCN CONFLETION OF SOIL STOCKPILING EACH PILE SED LOCATIONS OF SURFACE STORMWATER MANAGEMENT BASINS CAN BE UTILIZED AS A TEMPORARY SEDIMENT TRAP S CONSTRUCTION SEDIMENT TRAPS SHALL BE SIZED AND CONSTRUCTED IN ACCORDANCE WITH ALL LOCAL, STATE, AND PLAN VIEW -SILT FENCE INIG CONSTRUCTION SEGMENT TRAPS SHALL BE SIZED FOR THE CURRENT EDITION OF THE "MASSACHUSETTS EROSION AND TEMPORARY SEDMENT TRAPS SHALL BE SIZED FER THE CURRENT EDITION OF THE "MASSACHUSETTS EROSION AND SEGMENT CONTROL CUIDELINES FOR URBAN AND SUBDIAGNI AREAS" MID PROVIDE A MINIMAN OF 1 ADD CF PER ADRE OF TRIBUTARY AREA WITH A MAXIMUM TRION OF STORES, ANAUTAIN A 21 LENGHT TO WIDDIN RATIO, AND TO STORES, ANAUTAIN A 21 LENGHT TO WIDDIN RATIO, AND TO STORES ANAUTAIN A 21 LENGHT OWN THE TEMPORARY SEDME! THAP ENCANAUTED TO 1 FOOT BELOW THE TRAP THE AREA SHALL THEN BE SCANIFIED TO PREVENT COMPACTION AND PROMOTE INFILTRATION, AND GRADED AND STABILIZED IN ACCORDANCE WITH THE GRADING AND LANDSCAPE PLANS. LENGTH OF STONE REQUIRED COARSE GRAINED SOILS FINE GRAINED SOILS 50 FT 100 FT 200FT 0 TO 2% 2% TO 5% STOCKPILING OF MATERIALS (DIRT, WOOD, CONSTRUCTION MATERIALS, ETC.) MUST REMAIN COVERED AT ALL TIMES TO MIN ANY DUST PROBLEMS THAT MAY OCCUR WITH ADJACENT PROPERTIES AND TO PROVIDE MAXIMUM PROTECTION AGAINST E ENTIRE ENTRANCE STABILIZED WITH FABC BASE COURSE (1) (1) AS PRESCRIBED BY LOCAL ORDINANCE OR OTHER GOVERNING AUTHORITY. 13050505050505050 CHART 1 EXISTING CATCH BASIN STRUCTURES SHALL BE PROTECTED UNTIL SUCH TIME AS THEY ARE REMOVED THE CONTRACTOR MUST PERFORM DEWATERING (IF REQUIRED), IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS. IT IS TH CONTRACTOR'S RESPONSIBILITY TO OBTAIN AND PAY FOR THE COSTS ASSOCIATED WITH ANY AND ALL NECESSARY DISCHARGE DEWATERING GEOTEXTILE FILTER BAG DETAIL STABILIZED CONSTRUCTION ENTRANCE PERMITS ASSOCIATED WITH SAME. THE CONTRACTOR MUST LOCATE CONSTRUCTION WASTE MATERIAL STORAGE AREAS TO MINIMIZE EXPOSURE TO STORAWATER. THE CONTRACTOR MUST IMMEDIATELY PLACE CONSTRUCTION WASTE IN ON-SITE STORAGE CONTAINERS UNTIL THAT CONSTRUCTION WASTE IS READY FOR OFF-SITE DISPOSAL. THE CONTRACTOR MUST MAINTAIN SPILL PREVENTION AND RESPONSE EQUIPMENT AND MAKE SAME CONTINUOUSLY AVAILABLE ON-SITE FOR USE BY THE CONTRACTORS EMPLOYEES WHO MUST BE PROPERLY TRAINED IN THE APPLICATION OF SPILL PREVENTION AND RESPONSE PROCEDURES. TEMPORARY STOCKPILE N.T.S N.T.S SECURE LIFTING LOOPS TO OR UNDER SURFACE BINDING WIRE WINTER CONSTRUCTION PERIOD: NOVEMBER 1 THROUGH APRIL 15. 10 ML PLASTIC LINING WINTER EXCAVATION AND EARTHWORK SHALL BE DONE SUCH THAT THE AMOUNT OF AREA OPEN AT ONE TIME IS MINIMIZED TO TO MAXIMUM EXTENT PRACTICABLE AND IN CONFORMANCE WITH THE STORMWATER POLLUTION PREVENTION PLAN SUCH THAT ADEQUATE PROVISIONS ARE EMPLOYED TO CONTROL STORMWATER RUNOFF. BLACK LETTERS GEOTEXTILE BAG 14" BRIGHTLY COLORED-LON ROPE EXPANSION NATIVE MATERIAL (OPTIONAL) 0.5° LAG SCREWS OOPS SIZED FOR 1' REBAR NTINUATION OF EARTHWORK OPERATION ON ADDITIONAL AREAS SHALL NOT BEGIN UNTIL THE EXPOSED SOIL SURFACE ON THE EA BEING WORKED HAS BEEN STABILIZED SUCH THAT NO LARGER AREA OF THE SITE IS WITHOUT EROSION CONTROL WOOD OR METAL STAKES (2 PER BALE) EMPTY FILTER SACK AT A SEDIMENT COLLECTION LOCATION -3. -GEOTEXTILE SHALL BE - WOOD POST 3" X 3" X 8" SECTION A-A WOVEN POLYPROPTLEM FABRIC THAT MEETS OR EXCEEDS REQUIREMENT IN THE SPECIFICATIONS TABLE. SECUED, MUCHEU AND ACCUMENTATION CONTROLLED HAVE CEASED FOR A PERIOD EXCEEDING 14 DAYS BETWEEN THE DATES OF NOVEMBER 1ST AND APRIL 1ST LOAN OR SEED WILL NOT BE RECOURED. THE SLOPES SHALL BE FINE GRADED AND ETHER NOVEMBER 1ST AND APRIL 1ST LOAN OR SEED WILL NOT BE RECOURED. THE SLOPES HAVE AND THE PROPERTY OF THE PR SECTION VIEW CONCRETE WASHOUT SIGN DETAIL (OR EQUIVALENT) 1/8" DIA STEEL WIRE --STAPLE DETAIL ABRIC SPECIFICATION TABLE NOTES: SHOULD BE LOCATED A MINIMUM OF 50 FT. FROM STORM DRAIN INLETS. ONCE CONCRETE WASTES ARE WASHED INTO THE DESIGNATED AREA AND ALLOWED TO HARDEN. THI ISOMETRIC VIEW REQUIREMENT 3: EEN THE DATES OF NOVEMBER 1ST AND APRIL 15TH ALL MULCH SHALL BE ANCHORED BY EITHER PEG LINE, MULCH REPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LINE, FERTIL ZER, AND SEED AND ALL BOOK TO MANUAL SALES IN MOCKED AND THE MANUAL SHEET AND THE THE SALES IN A SALES IN MOCKED AND THE MANUAL SHEET AND THE SALES IN MOCKED AND THE MANUAL SHEET AND THE SALES IN THE S 18.1 BETWEEN THE ADMINISTOR INVESTIGATE. 18.2 MULCH NETTING SHALL BE USED TO ANCHOR MULCH IN ALL DRAINAGE WAYS WITH A SLOPE GREATER THAN 3%, FOR SLOPE EXPOSED TO DIRECT WINDS AND FOR ALL OTHER SLOPES GREATER THAN 8%. 18.3 MULCH NETTING SHALL BE USED TO ANCHOR MULCH IN ALL AREAS WITH SLOPES GREATER THAN 15%, AFTER OCTOBER IST THE SAME APPLIES FOR ALL SLOPES GREATER THAN 8%. DESIGNATED AREA AND ALLOWED TO HARDEN, THE CONCRETE SHOULD BE BROKEN UP, REMOVED. AND DISPOSED OF OFF-SITE. CONTRACTOR TO DISPOSE OF HARDENED CONCRETE ON A REGULAR BASIS. 10 MIL PLASTIC LIN ALL DISTURBED AREAS SHALL BE STABILIZED IN ACCORDANCE WITH THE STORMWATER PREVENTION PLAN. 28. DURING THE WINTER CONSTRUCTION PERIOD ALL SNOW SHALL BE REMOVED FROM AREAS OF SEEDING AND MULCHING PRIOR TO PLACEMENT. WASHOUT FACILITY. PLASTIC LINING MATERIAL SHOULD BE A MINIMUM OF 10 MIL POLYETHYLENE SHEETING AND SHOULD BE FREE OF HOLES, TEARS, OR OTHER DEFECTS THAT COMPROMISE THE IMPERMEABILITY OF THE MATERIAL THE BODES OF PARALIEL RANKETS WAST SE STARTED WITH MINIMANE OVER AP TO ENSURE PROPER SEAL A. CAMENT PLACE THE EDIZE OF "THE OVER APPING BLANKET (BLANKET SEE ME ASTALLED ON TOP) EACH ME"THE SEAM STITLED ON THE PROPERTY ANS TALLED BLANKET. COMPROMISE THE IMPERMEABILITY OF THE MATERIAL. 5. WASHOUT FACILITIES MUST BE CLEANED. OR NEW FACILITIES MUST BE CLEANED. OR NEW FACILITIES MUST BE CONSTRUCTED AND READY FOR USE ONCE THE WASHOUT IS 75% FOR STRAW BALE AND STAPLES MAY BE SUBSTITUTED WITH A TERNAME SECURING MEASURES SUCH AS CONGRETE BLOCK. NOTES I IN LOOSE SOL CONDITIONS THE USE OF STAPLE OR STAVE LENGTHS CREATER THAN IT MAY BE NECESSARY TO INCOME, T SICLIFE THE BLANKETS DO NOT USE IN PAVED AREAS WHERE PONDING MAY CAUSE TRAFFIC HAZARDS **EROSION CONTROL BLANKET 2:1 SLOPES** FILTER SACS (GRATED INLETS)

(SLOPE INSTALLATION)

CONCRETE WASTE MANAGEMENT AREA

OZ

REVISIONS

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W201257-EROS-06

PROPOSED SITE

PLAN DOCUMENTS

MAPLE STREET SOLAR LLC

SOLAR FARM

LOTS INCLUDED (PARCEL #):255-001 LOTS INCLUDED (PARCEL #):255-001 254-001, 239-010 B, 239-010 B, 239-010 C, PORTION OF D 239-010, & 32-0009 160 MAPLE STREET, TOWN OF BELLINGHAM & FRANKLIN NORFOLK COUNTY, MASSACHUSETI

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Phone: (508) 480-9900

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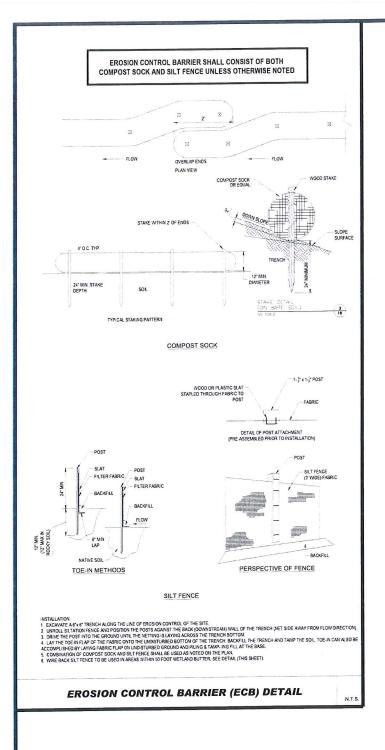


EROSION & SEDIMENT CONTROL NOTES & DETAILS

C-607

ORG. DATE - 07/20/2023

N.T.S.





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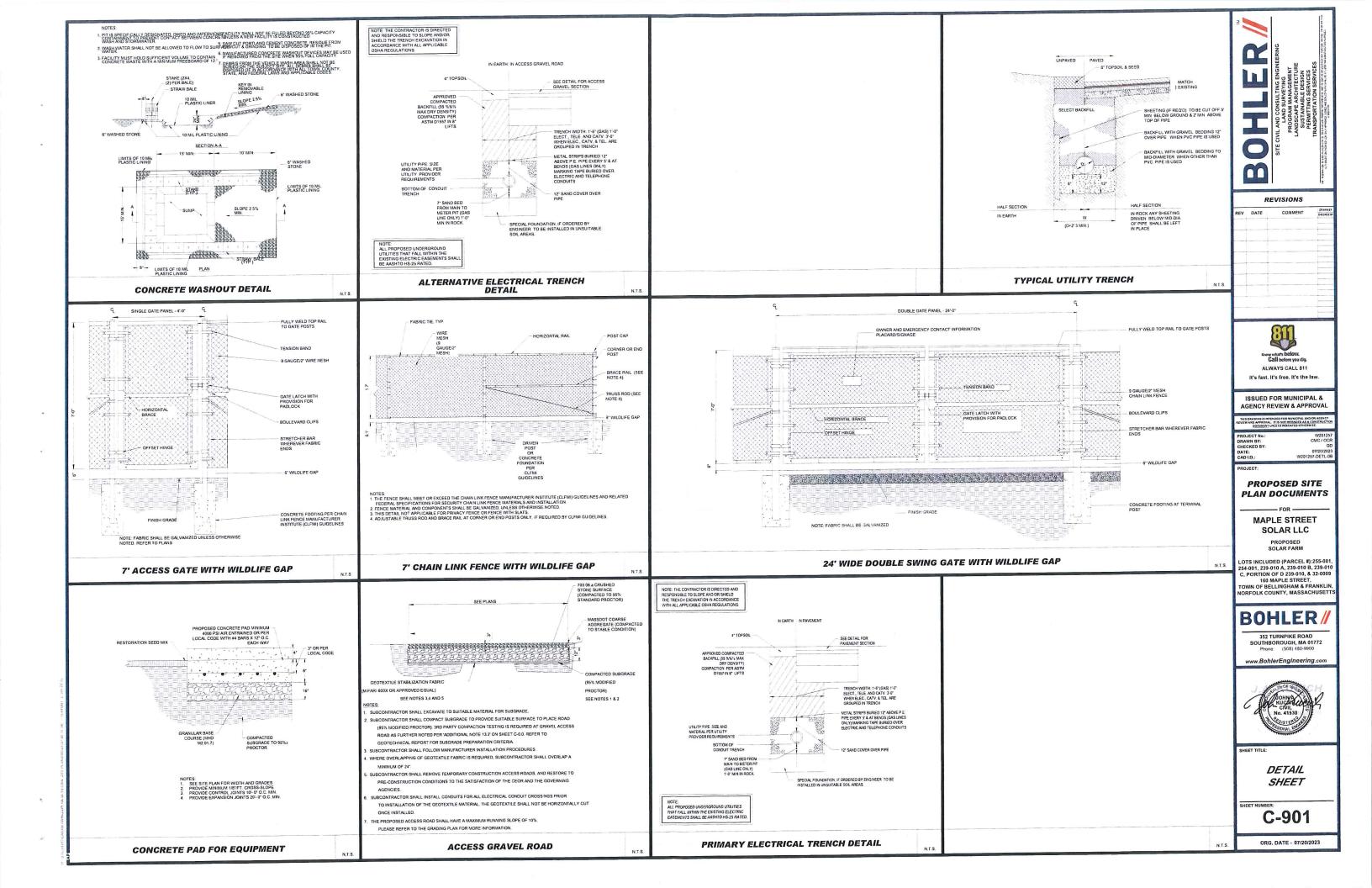
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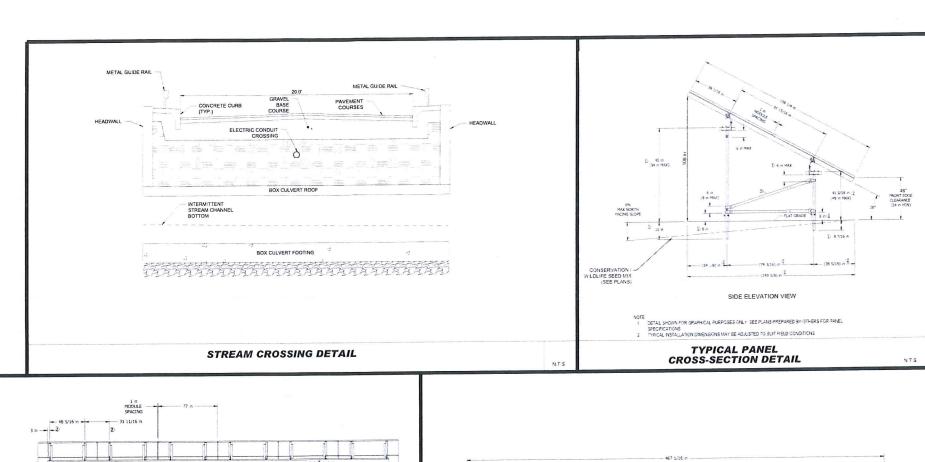
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EROSION & SEDIMENT **CONTROL NOTES** & DETAILS

C-609





- GRADE

D (89 9/16) in BEAM CANTILEVER

NOTE

1 DETAIL SHOWN FOR GRAPHICAL PURPOSES ONLY. SEE PLANS PREPARED BY TERRASMART FOR PANEL SPECIFICATIONS.
2 TYPICAL INSTALLATION DIMENSIONS MAY BE ADJUSTED TO SUIT FIELD CONDITIONS.

RACKING SYSTEM DETAIL

CONSERVATION / -WILDLIFE SEED MIX (SEE PLANS)

EXTREME OUTER EWELOPE -

NOTE

1 DETAIL SHOWN FOR CRAPHICAL PURPOSES ONLY SEE PLANS PREPARED BY TEPRASMART FOR PANIEL SPECIFICATIONS

2 TYPICAL INSTALLATION DIMENSIONS MAY SE ADJUSTED TO SUIT FELD CONDITIONS

PANEL LAYOUT DETAIL

M REVISIONS

REV DATE COMMENT



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07/20/2023 W201257-DETL-0B

PROPOSED SITE **PLAN DOCUMENTS**

— FOR —

MAPLE STREET SOLAR LLC

PROPOSED SOLAR FARM

LOTS INCLUDED (PARCEL #):255-001, 254-001, 239-010 A, 239-010 B, 239-010 C, PORTION OF D 239-010, & 32-0009 160 MAPLE STREET. TOWN OF BELLINGHAM & FRANKLIN, NORFOLK COUNTY, MASSACHUSETTS

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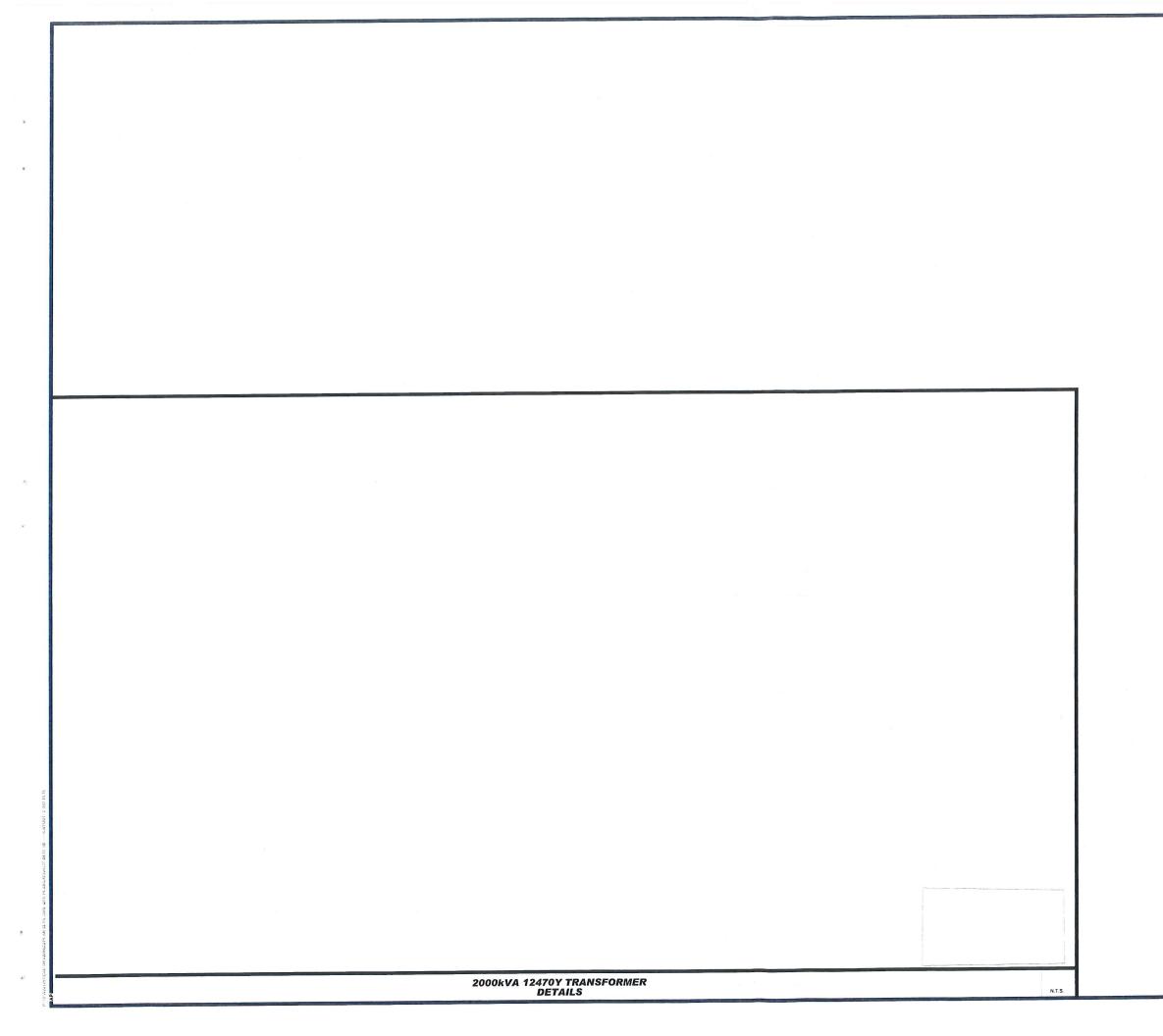
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DETAIL SHEET

C-902





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PROPOSED SITE PLAN DOCUMENTS

07/20/2023 W201257-DETL-0B

— FOR —

MAPLE STREET

SOLAR LLC PROPOSED SOLAR FARM

LOTS INCLUDED (PARCEL #):255-001, 254-001, 239-010 A, 239-010 B, 239-010 C, PORTION OF D 239-010, & 32-0009 160 MAPLE STREET, TOWN OF BELLINGHAM & FRANKLIN, NORFOLK COUNTY, MASSACHUSETTS



352 TURNPIKE ROAD SOUTHBOROUGH, MA 01772 Phone: (508) 480-9900



DETAIL SHEET

C-903

Three-phase pad-mounted compartmental type transformer





Three-phase pad-mounted compartmental type transformer

Catalog Data CA202003EN Effective April 2016

Three-Phase 50 or 60 Hz	
VVA Aupliable*	

VA Auriladia* 45, 75, 112.5, 150, 225, 300, 500, 750, 1000, 1500, 2000, 2500, 3000, 1750, 5000, 7500, 10000

Rating (kVA)	≤ 800 V	2400 Δ through 4500 Δ	6900 & through 13800GY/7970 or 13800 &
45-75	2,70-5.75	279575	2 79-5 75
112.5 300	1.13.5.75	3,10-5.75	3.10.5.75
:00	4.35-5.75	4.35-5.75	4,35-5.75
750-2500	5.75	5.75	\$ F5
3750	5.75	5.75	500
5000		6.50	6.50

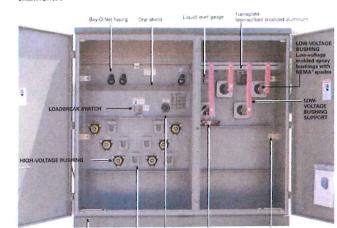
	NEMA TR-1 Average		
Self-Cooled, Two Winding kVA Rating	Decibels (dB)		
45-500	35		
501-700	57		
701-16000	58		
1901-1500	va va		
1521-7000	61		
201-2500	₹Z		
2501-3000	23		
1001-4000	54		
1001-5000	55		
361-8000	35		
5001-7500	67		
7501-10000	53		

KV Class	feduced Test 180 or 400 Hz 7200 Cycle	kV BIL Distribution	Applied Test 60 Hz (kV)
1.2		30	10
25		15	15
5		30	19
3.7	Twice Reted Voltage	75	76
15		ž	34
25		125	10
34.5		150	50

Table 6. Temperature Rise Ratings 0-3300 Feet (0-1000 meters)

	Standard	Optional	
Unit Rating (Temperature Rise Winding)	65 C	55 °C, 56,65 C, 75 °C	
Ambient Temperature Max	20 C	50 C	
Ambient Temperature 24 Hoor Average	30 €	40 C	
Termerature Rice Hotsool	30 C	85 C	

Catalog Data CA202003EN Effective April 2016

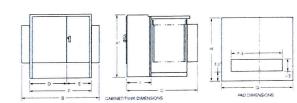


Туре	Three Phase, 50 or 80 Hz, 56 C Riser 35 C 55/85 C), 65/75 °C, 75 °C
Rold Type	Mescal of or EnverteroPMFR2M fluid
Coil Configuration	Zweeling or Ewinding or Ewinding Row-Figh-Look, S-winding Cost-Line-Fight
Size	45 - 10.090 VVA
Primary Voltage	Z.430 - 45,335 V
Secondary Voltage	708Y/129 V to 14,499 V
	Invester/Rectrise Brokpe
	K-Factor (up to 4-19)
	Vacuum Fault Interruptor (AE)
	CL® Listed & Labeled and Committed
Specialty Designs	Factory Mutual EMI Approved*

Catalog Data CA202003EN Effective April 2016

Three-phase pad-mounted compartmental type transformer

Three-phase pad-mounted compartmental type transformer



65° Risa				AL PEED-E	AFOREIF	USING OIL F	ILLEO-ALO				
	A.	NE DOMENSI	C C	D	E		G	н		Gallens of Fleid	Weight (Ibs.)
kVA Rating	90	19 68	19	12	25	- 68	72	- B	26	118	1.00
75	50	58	19	42	78	- 56	74	43	20	115	2250
112.5	30	86	49.	- 47	N	- 36	72	50	20	139	7.550
150	50	58	49	- 12	35	3	72	53	70	125	2,700
725	50	72	51	1 42	30	77	75	95	30	748	3790
300	50	12	51	12	10	72	1E	55	20	190	3.550
500	90	89	23	- 42	10	72	33	57	20	130	4,550
750	51	59	57	57	30	72	33	51	.30	179	6,500
1000	54	89	59	42	10	72	90	. 63	25	350	6,200
1500	73	- 29	Mr.	42	30	72	\$3	30	24	400	10,200
7909	B	72	82	Q	n	12	76	31	24	490	12.500
7500	73	72	73	- 17	30	72	76	193	N	330	14,500
3000	73	300 34	99	46	37	- 94	26	103	34	520	16.700
1750	84	- 35	108	47	38	35	93	112	38	960	19,300
5300	84	36	108	48	48	36	100	115	74	530	25,000
7500	94	107	177	54	48	102	100	128	24	158)	47 905

65' Rise	DEAD-FRONT - LOOP OR RADIAL FEED - BAY O NET FUSING OIL FILLED - COPPER WINDINGS										
kVA Rating	OUTLINE DIMENSIONS (in.)									Gallons of	Approx. Total
	A.	8	C	D	E	F	g	н		Reid	
45	50	- 54	22	34	30	64	包	13	20	110	7/86
75	50	- 54	25	- 33	30	- 64	恕	43	30	115	7,160
1125	50	64	49	34	30	64	69	53	20	115	2,900
15/1	50	54	49	34	30	64	₩	50	20	1.20	2,700
725	50	- 64	51	34	30	64	13	55	29	140	3,250
300	50	- 64	51	34	30	64	75	56	20	185	3,800
500	50	- 31	52	34	30	64	85	57	20	200	4.900
750	54	- 19	57	42	30	72	30	- 61	20	756	6.500
1000	54	39	9	71 12	30	72	33	- 63	20	300	7,800
1500	73	19	96	12	30	12	33	90	24	410	10,300
3000	73	72	97	47	30	72	75	- 51	24	429	11,600
7500	73	72	29	47	30	72	76	103	24	500	14,000
3000	73	94	99	46	10	34	80	103	24	739	16,700
3750	24	35	108	17	201	35	80	112	24	360	70.500
5000	94	35	100	18	1E	38	100	112	14	950	25,000
7500	31	102	122	54	48	102	170	176	24	1,520	65,300

0

	REVISIONS							
REV	DATE	COMMENT	CHECKED B					
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			\vdash					
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ISSUED FOR MUNICIPAL & AGENCY REVIEW & APPROVAL

PROJECT No.:	W201257
DRAWN BY:	CMC / OCR
CHECKED BY:	GD
DATE:	07/20/2023
CAD LD.:	W201257-DETL-0B

PROPOSED SITE PLAN DOCUMENTS

MAPLE STREET

SOLAR LLC PROPOSED SOLAR FARM

LOTS INCLUDED (PARCEL #):255-001, 254-001, 239-010 A, 239-010 B, 239-010 C, PORTION OF D 239-010, & 32-0009 160 MAPLE STREET, TOWN OF BELLINGHAM & FRANKLIN, NORFOLK COUNTY, MASSACHUSETTS





DETAIL SHEET

C-904



EXCELLENT WEATHER RESISTANCE
Reduces the cell micro-crack and entends

....

APPLICABLE FOR MULTI DIFFERENT ENVIRONMENTS

ASTRONERGY

A C . . . (€ € € € 59

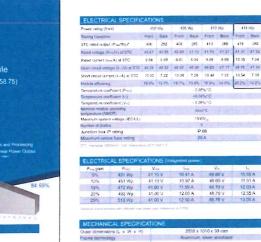
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CAB1000/AC

For Global Market

O

ebcbomer ====



Short create current (L/A) in STC 10.30 T.22 10.38 T.28 10.46 T.33 10.54 T.39 Module officiarray 19.6% 15.7% 18.7% 18.5% 19.9% 16.0% 20.2% 16.2% Temperature current option (LPHH) - 3.55% TG

145.00 300 THE !!! PHILE PHILE -



reliability over the projected life of the project.

· Lock-Out/Tag-Out on Disconnect Handle · 8-32 Fused Inputs, #14-#6 AWG Wire Range · Touch Safe Fuse holders

· 15A Fuse Typical, 30A Maximum - user specified · M10 or M12 Studs provided for single or double hale lugs Accommodates 90C Cu/M Mechanical or Compression Lugs · Internal Safety Cover over all live components

· 250A, 320A, and 400A UL98B Certified Manual Disconnects

Standard Product Features

 Padlock Latch for Door · Unique Serial number per unit

· 5 Year Warranty

Product Options

· Labelling to meet NEC Requirements

 Class 2 40kA Surge Protective Device · Mechanical Lugs Installed or Compression Lugs included

· Breather Vents for High Humidity Locations

· Upsized Enclosures for Larger Output Wires

• H4 or MC4 Bulkhead or Whip Connectors Installed



1500V Disconnect Combiners

nectPV products incorporate "best-in-class" components combined with rugged mechanical designs to maximize

ConnectPV Disconnect Combiner products are based on a core product architecture optimized for commercial utility scale solar projects, simplifying design and specification. Options and accessories allow the designer to optimize the products for each project – reducing installation labor costs.





ConnectPV reduces electrical BOS project costs by simplifying:

because we have designed for 100% compliance with the NEC and UL Standards. Above of project committee and appropriate limited

Typical Input Characteristics				Grounde	d Systems	Floating Systems	
input Circuits	Standard Disconnect Ampacity	Input Wire Size	Output Type	NEMA 4 Steel (inches)	NEMA 4X Fiberglass (inches)	NEMA 4 Steel (inches)	NEMA 4) Fiberglas (inches)
16	250	#14-#4 AWG	M10	24x24x8	24x24x8	24x30x8	24x30x8
20	250		Stud	24x24x8	24x24x8	24x30x8	24x30x8
24	320				30x24x8	30x24x8	30x30x8
28	400	Copper	Stud	30x30x8	36x30x8	36x36x8	36x35x8
32	400		2000	30x30x8	36x30x8	36x36x8	36x36x8

Standard Discouracts used at 1.25e Survivo) per UL1741. Leave Discouract applicable at 1.5te Survivo) for CEPS or

Model Numbers are derived from the following templatic CEXWT-###DCS-FFAA-EE

VV	T	###	FF	AA	EÉ
Voltage	Topology	Disconnect Rating	String Count	Fuse Rating	Endosure Type
15 = 1500V	G=Grounded	250A, 320A,or	08-32	02-30	N4 = Carbon Steel
	F= Floating	400A	2 string increments	1SA Typical	4X = Fiberglass*

ABOUT CONNECTPV INC.

manufacturing expenses. We actively work with our customers to

Use Case 2:



ntact Toll Free: (844)-246-6140

Mounting Brackets Installed

· Extended Warranty

CBX15 Rev. 3.0

(UL)

LISTED

Bidirectional DC-DC

CAB1000/DC

00

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COMMENT

PROJECT No.: DRAWN BY: CHECKED BY:

PROPOSED SITE **PLAN DOCUMENTS**

- FOR -

MAPLE STREET SOLAR LLC

LOTS INCLUDED (PARCEL #):255-00 254-001, 239-010 A, 239-010 B, 239-010 C, PORTION OF D 239-010, & 32-0009 160 MAPLE STREET. TOWN OF BELLINGHAM & FRANKLIN

BOHLER

352 TURNPIKE ROAD SOUTHBOROUGH, MA 01772 Phone: (508) 480-9900

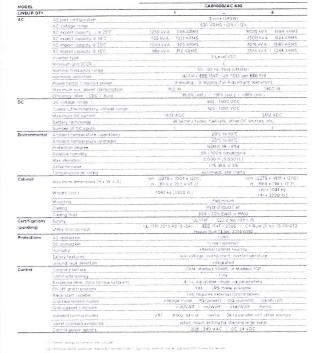
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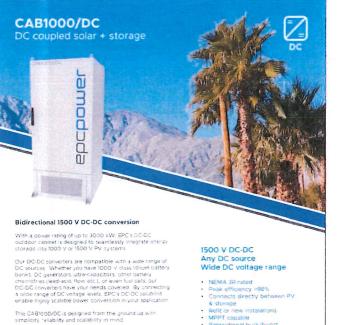


DETAIL SHEET

C-905

ORG. DATE - 07/20/2023





Key benefits

- 4-quadrant (bidirectional buck or boost)
 DC coupled solar
 Power flow in either direction regardless of voilages.
- Wide DC range
 Optimized for energy storage
- ebcbomer ===

Proven products, Limitless possibilities.

ebcbomer ====

13125 Danielson St., Suite 112 : Poway, CA 92064 (1.858.748.5590) epopower.com



....



ebcbomer :

COOPER POWER

M-Force[™] three-phase switch

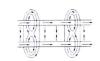




Catalog Data CA008004EN Effective January 2016

Basic concept

Current flows from Unit (1907 rg/m 10). Current flows from Unit (1907 rg/m 10) and (1907





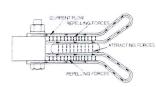


Figure 2. Magnetic forces acting on contacts

M-Force three-phase switch

Design features

Extended bearing assembly

Insulated Reliabreak* arm

Positive locking dead-end brackets

Optional ice shields

Optional ice shields.

The standard Morea serior is appable of operating under a 35th lock but on. With the optional se straids the M-Foote switch is appaired repeating on the control operating and observed in 25th or build surface which the control operation and operating on the strain of the unique shields are designed to prevent be non-building up between the control operation and operating operation of the strain operation of the strain operation of the strain operation of the M-Foote are Superation on the strain operation of the M-Foote are Superation on the operation of the strain operation of the M-Foote are Superation on the strain operation of the M-Foote are Superation on the operation of the strain operation of the M-Foote are Superation on the operation of the strain operation of the M-Foote are Superation on the operation of the strain operation of the strain operation of the strain operation operati

Orthons
The following options shall be supplied:
(Check as necessary)
____NEMA 2-hole aerial lugs
____NEMA 4-hole aerial lugs

NEMA 4-hole aerial lugs
Clamp style aerial lugs (#2 - 500 kcmil)
Clamp style aerial lugs (250 - 750 kcmil)
4/0 brass eyeboit ground lug
Polemount site-ready assembly

Delia front padmiounted design with stanless seet enclosure excernal Accusense Voltage Sensors (0.5 class accuracy) External 1.0 KVA oil potential transformer (3% accuracy) for 120 VAC supply power with hardware to mount on standard aluminum frame

haddware to mount on standard duminium frame External 0.75 KVA solid dielectric voltage transformer (0.3% accuracy) for 120 V/A sopphy power with hardware to mount on standard aluminum frame tright impact. VIV stabe wideling protectors for source and lead industors External CTs for current monitoring Six internal voltage sensors function box with all twist took connections 42 pin interface with additional 52b supiliary contact Form Ctype and cabel disconnected ularm 3-phase ganged manual trip handle

Catalog Data CA008004EN

Table 7. M-Force Three-Phase Switch Catalog Number Configuration M 1 H 11 T R 2

Control Rod and Mechanism

e-procesting Machenism

11 - 28 Round Piper 13" O.D. (Standard Option).

21 - 28" Round Pibergless

41 - 28" I' Pipe wiff-bengless Top Section

51 - 28" Pipe wiff-bengless Top Section Syriana Machinian A2- 28 15 Pile (Stell Universal Section) 82- 28 15 Pile (Stell Universal Sector C2- 28 15 Pile Cyclosophatic insulator)

I - Steel with Single Point Lift (Sta 5 - Steel with NW Point Lift G - Reinglass with Single Point Lift F - Reinglass with Two Point Lift

M-Force three-phase switch

 Options (See Page 9 for details)
 Note: More than one may be chosen.
 Append codes in alphanumeric order. Provisions for Crosse in Support Brail
- Lactive Hardwise on leminal Pass throomystible with Option U below
- Extension Links (141) G - Reciprocating Handle with Inte H - Eightning Arrester Brachets Close Operation

T - Grounding Connector on Crosserin
Mounting Bracket

U - Terminals, Copper, \$2-500 VCM Uncompatible with Option

V. Hole Meuriting Band

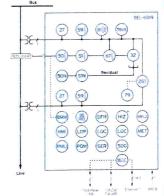
1. Exits 7 of Centrol Bod

2. Exits 13 of Centrol Half

Insulator Bolt Pattern

[2 - 2 25' Bolt certile for 15 and 27 or switchers

3 - 3 00' dost cercile for 15 kV switchers



Functional Overview

ANSI NUMBERS/ACRONYMS AND FUNCTIONS

Fast Rate of Change of Frequency SEL Missource Birs' Communications

SEL Menceda Birl Communications Event Reports SEL Arc Sensal Technology (AST)* Operator Interface SEL not." Control Equations High-Accuracy Melaring Synchrophasors yothage Sag. Swell, and Interruption Sequential Events Recorder

50 (PG Q) Overcurrent (Pease Ground, Negative Sequence)
51 (PG Q) The Overcurrent (Pease, Ground, Negative Sequence)
59 (PG Q) Overcotage (Pease, Ground, Negative Sequence)
50 (PG Q) Overcotage (Pease, Ground, Negative Sequence)
50 (PG Q) Overcotage (Pease, Ground, Negative Sequence)
51 (PG Q) Overcotage (Pease, Ground, Negative Sequence)
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57 (PG Q) Overcotage (Pease, Ground, Negative Sequence)
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50 (PG Q) Overcotage (Pease, Ground, Negative Sequence)
51 (PG Q) Overcotage (PEAse, Ground, Negative Sequence)
52 (PG Q) Overcotage (PG Q) Overcotage (PEAse, Ground, Negative Sequence)
53 (PG Q) Overcotage (PG Q) Ove MAPLE STREET

SOLAR LLC PROPOSED SOLAR FARM

> LOTS INCLUDED (PARCEL #):255-001, 254-001, 239-010 A, 239-010 B, 239-010 C. PORTION OF D 239-010, & 32-0009 160 MAPLE STREET. TOWN OF BELLINGHAM & FRANKLIN

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PLAN DOCUMENTS

- FOR -

07/20/2023 W201257-DETL-0B

DRAWN BY: CHECKED BY: DATE: CAD LD.:

COMMENT

BOHLER /

352 TURNPIKE ROAD SOUTHBOROUGH, MA 01772 Phone: (508) 480-9900

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DETAIL SHEET

ORG. DATE - 07/20/2023

Typical Specifications

Design Retireds and Standards
Reclosers shall be designed, tested and built per IEEE
C37.60 and IEC 62271-111 standards. Certified test
reports shall be provided. The recloser shall be rated

Max System Voltage (kV)			
Rated Voltage (kV)	15	25	35
Interrupting Rating RMS (kA)	16*	16*	12.5
BiL (kV)	110	125	150
Continuous Current (A)	800/ 1000**	300/ 1000**	800
8 Hr. Overload, at 20° C	960	960	960
Making Current, RMS, asym, KA	25*	25*	20
Peak, asym (kA)	42*	42°	32
Short Circuit Current, kA sym, 3 seconds	16*	16*	12.5
60Hz Withstand, kV rms Dry, 1 minute	50	60	60
60Hz Withstand, kV rms Wet, 10 seconds	45	50	50
Operating Temperature	-61	0°C to +65	c
Mechanical Operations	10K	10K	108

* 29.3kV system voltages are available

** Consult factory for higher continuous current up to 1000A

*12.5kA interrupting Current rating available

Voltage Class	Catalog Number
15.5kV	VIP378ER-{12 or 16}*-1-5T
27kV	VIP388ER-[12 or 16]*-1-ST
38kV	VIP398ER (12)*-1-57

Approximate weight (for single-phase module less frame) is 100 lbs. (45kg)



- Advanced recloser protection capabilities support coordinated high-speed fault isolation and restoration.
- and improves reliability metrics. · Arc Sense" technology improves public safety and minimizes
- · Fast islanding detection, precise synchronization, and
- IEEE 1547-2018 tripping let you safely interconnect distributed energy resources (DERs).

SEL

SEL-651R

Advanced Recloser Control



The industry's gold standard for recloser control

- Three- or single-phase tripping minimizes customer outages
- fire dangers caused by downed conductors.
- Second-harmonic blocking secures overcurrent elements from transformer inrush.

ADDITIONAL FUNCTIONS Second-Harmonic Blocking Load Oafa Profiling Faul Locator

NOVA Triple-Single

S AMECU	GEW	Other Reclosers	
closers	Control Power Vicer 5	Elastimold Molded Vacuum	8
Advanced	Viper-1.7	Recloser (MVR)	R
trof works	Viper 5	Joslyn TriMist 300Fl	R
inge of	ViperSP	Joslyn TriMod 6009.	V
complete	Viper-ST	DVR-3 (15 and 27 kV only)	V
k capability. are designed	Viper G	Gridshield 32-Pin (15, 27, and 38 kV)	V
exceed the tandard. re available		Gridshield 42-Pin (15, 27, and 38 kV)	V
/SEL-65TR		VR-35 (15 and 27 XV only)	W
JEE SAIN.		CKE	W
		NOVA Auxiliary Powered	G

GVR* SDR Triple-Single

PHOTOVOLTAIC PANEL SPECIFICATIONS

Solid-Dielectric, Independent Pole Option Recloser

Providing electronic overcurrent protection for single or three phase operation on systems rated through 38kV,

800A continuous current, 12.5kA or 16kA interrupting

Interrupting rating up to 16kA through 27kV · Overhead, substation and dead-front padmount designs Operator safety with mechanical block

and triple redundancy on trip handle mart Grid/Lazer' solutions

Ease of installation with site-ready design

Maintenance-free recloser Up to six internal voltage sensors

· RUS accepted

Beckwith M-7679, and GE R650 controls

Works directly with SEL-651R, ABB RER620.

Popular Re The SEL-651R

Recloser Cont. with a wide re-

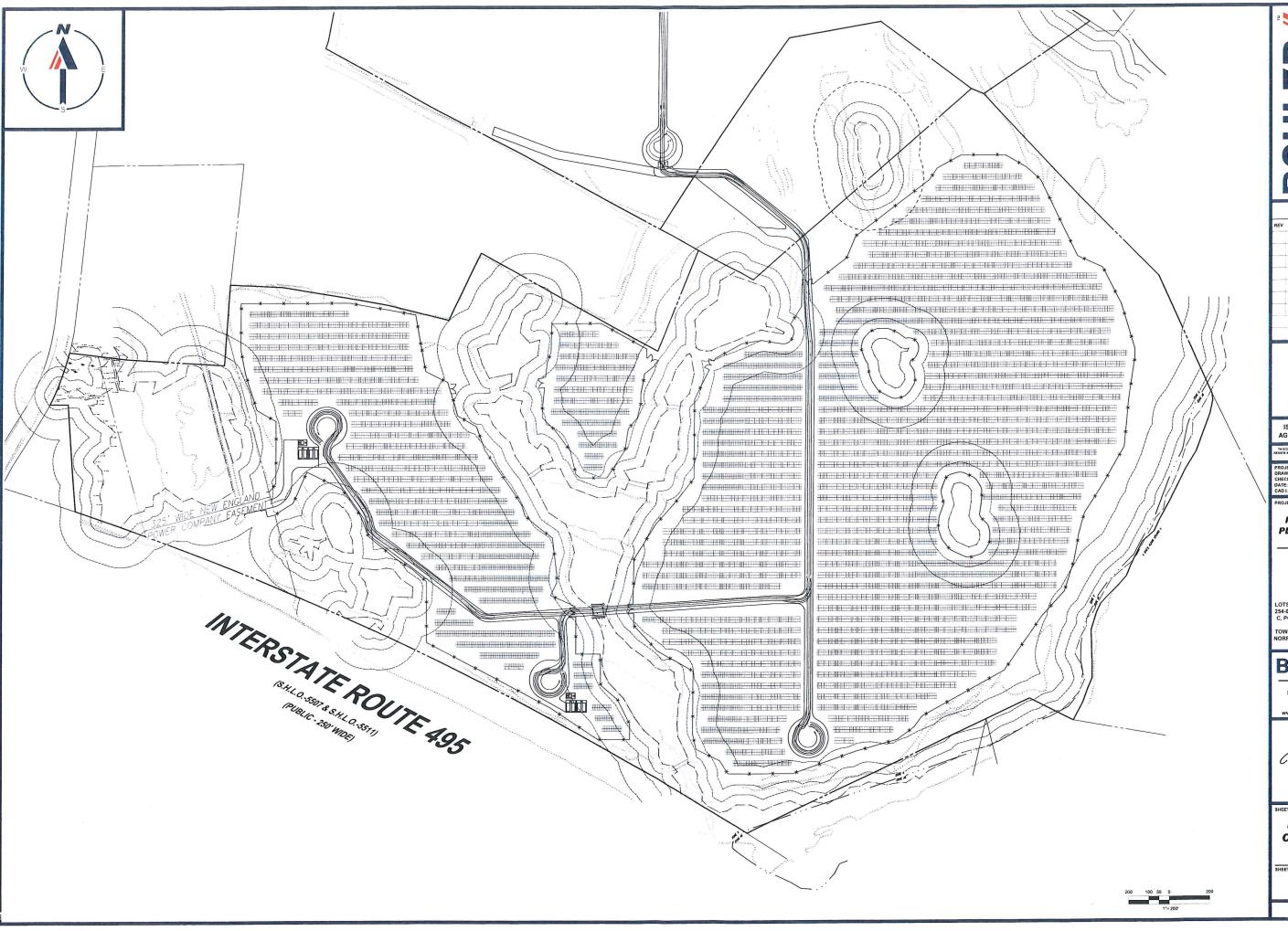
reclosers for or plug-and-work Ail interfaces a and tested to e IEEE C37.60 sta Certificates are

VWVE 27 VWVE 38X

OSM 150

"When equipped with interface moduli

C-906







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PROPOSED SITE **PLAN DOCUMENTS**

MAPLE STREET SOLAR LLC

OTS INCLUDED (PARCEL #):255-00 LOTS INCLUDED (PARCEL #):255-001 254-001, 239-010 A, 239-010 B, 239-010 C, PORTION OF D 239-010, & 32-0009 160 MAPLE STREET, TOWN OF BELLINGHAM & FRANKLIN NORFOLK COUNTY, MASSACHUSETT

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FIRE TRUCK CIRCULATION PLAN

1 of 1