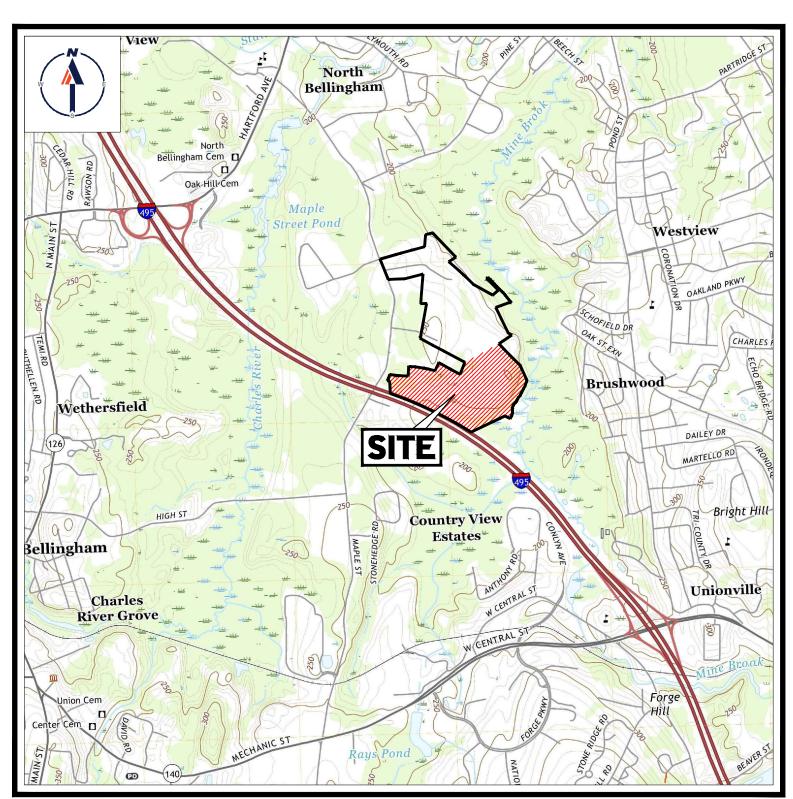
PROPOSED SITE PLAN DOCUMENTS



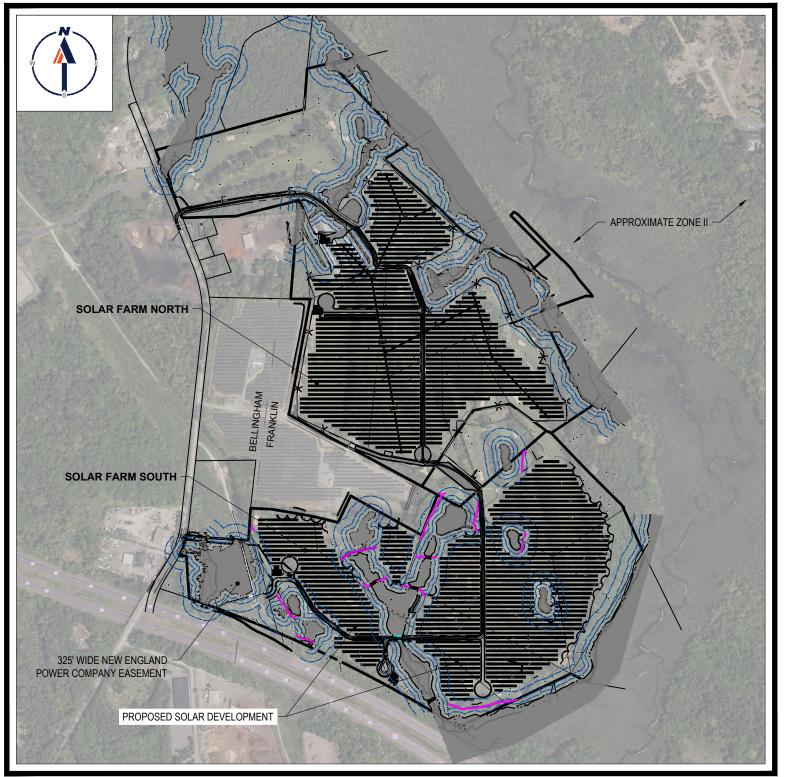
USGS MAP SCALE: 1" = 2,000' SOURCE: FRANKLIN MASSACHUSETTS USGS QUADRANGLE

– FOR –––––

MAPLE STREET SOLAR, LLC

PROPOSED **SOLAR FARM - SOUTH**

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)



SITE MAP SCALE: 1" = 600' SOURCE: GOOGLE AERIAL



PREPARED BY

REFERENCES

EXISTING CONDITIONS SURVEY: FELDMAN GEOSPATIAL 152 HAMPDEN STREET, BOSTON, MA 01608 DATE: 12/23/2023

ANR SURVEY: FELDMAN GEOSPATIAL 152 HAMPDEN STREET, BOSTON, MA 01608 DATE: 08/05/2022

* THE ABOVE REFERENCED DOCUMENTS ARE INCORPORATED BY REFERENCE AS PART OF THESE PLANS, HOWEVER, BOHLER ENGINEERING DOES NOT CERTIFY THE ACCURACY OF THE WORK REFERENCED OR DERIVED FROM THESE DOCUMENTS, BY OTHERS.

	MT		SITE CIVIL AND CONSULTING ENGINEERING	LAND SURVETING PROGRAM MANAGEMENT LANDSCAPE ARCHITECTURE	SUSTAINABLE DESIGN PERMITTING SERVICES TRANSPORTATION SERVICES	THE INFORMATION, DESIGN AND CONTENT OF THIS PLAN ARE PROPRIETARY AND SHALL NOT BE COPIED OR USED FOR ANY PURPOSE WITHOUT PRIOR WRITTEN AUTHORIZATION FROM BOHLER, ONLY APPROVED, SIGNED AND SEALED PLANS SHALL BE UTILIZED FOR CONSTRUCTION PURPOSES © BOHLER		
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	REV	DATE 10/04/2023		PER UTI	NT LITY	CHECKED BY		
	2	02/16/2024	POLE I PER TO COMM	OWN		GD SMK GD		
	3	02/21/2024	PER C COMM	ONS CO ENTS	M	SMK GD		
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	Know what's below. Call before you dig. ALWAYS CALL 811 It's fast. It's free. It's the law.							
		ISSUED FOR MUNICIPAL & AGENCY REVIEW & APPROVAL						
	THIS DRAWING IS INTENDED FOR MUNICIPAL AND/OR AGENCY REVIEW AND APPROVAL. IT IS NOT INTENDED AS A CONSTRUCTION DOCUMENT UNLESS INDICATED OTHERWISE. PROJECT No.: W201257 DRAWN BY: CMC / OCR							
	CHECKED BY: GD DATE: 07/20/2023 CAD I.D.: W201257.02-SPPD-3A PROJECT: PROJECT:							
	PROPOSED SITE PLAN DOCUMENTS							
	MAPLE STREET SOLAR LLC							
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SHEET NUMBER:

C-101

REVISION 3 - 02/21/2024

DRAWING SHEET INDEX

SHEET TITLE	SHEET NUMBER
COVER SHEET	C-101
GENERAL NOTES SHEET	C-102
OVERALL DEMOLITION PLAN	C-201
DEMOLITION PLAN (A-F)	C-202 - C-207
OVERALL SITE LAYOUT PLAN	C-301
SITE LAYOUT PLAN (A - F)	C-302 - C-307
OVERALL GRADING PLAN	C-401
GRADING PLAN (A - F)	C-402 - C-407
OVERALL EROSION & SEDIMENT CONTROL PLAN	C-601
EROSION & SEDIMENT CONTROL PLAN (A - F)	C-602 - C-607
EROSION & SEDIMENT CONTROL NOTES & DETAILS	C-608 - C-609
OVERALL LANDSCAPE PLAN	C-701
LANDSCAPE PLAN (A-F)	C-702 - C-707
LANDSCAPE NOTES & DETAILS	C-708
DETAIL SHEETS	C-901 - C-906
FIRE TRUCK CIRCULATION PLAN	1 OF 1
EXISTING CONDITIONS PLAN (BY FELDMAN GEOSPTIAL)	8 SHEETS

GENERAL NOTES

1.	THESE PLANS ARE SOLELY BASED ON INFORMATION THE OWNER AND OTHERS PROVIDED TO BOHLER ENGINEERING, (HEREIN "BOHLER") PRIOR TO THE DATE ON WHICH THE ENGINEER OF RECORD AND BOHLER PREPARED THESE PLANS. THE CONTRACTOR MUST FIELD VERIFY ALL EXISTING CONDITIONS AND IMMEDIATELY NOTIFY BOHLER, IN WRITING, IF ANY ACTUAL SITE CONDITIONS DIFFER FROM THOSE SHOWN ON THESE PLANS, OR IF THE PROPOSED WORK CONFLICTS WITH ANY OTHER SITE FEATURES.	1.
	ANT OTHER SITE FEATURES.	2.

- THE CONTRACTOR MUST STRICTLY COMPLY WITH THESE NOTES AND ALL SPECIFICATIONS/REPORTS CONTAINED HEREIN. THE CONTRACTOR MUST ENSURE THAT ALL SUBCONTRACTORS FULLY AND COMPLETELY CONFORM TO AND COMPLY WITH THESE REQUIREMENTS, THESE NOTES, AND THE REQUIREMENTS ARTICULATED IN THE NOTES CONTAINED IN ALL THE OTHER DRAWINGS THAT COMPRISE THE PLAN SET OF DRAWINGS. ADDITIONAL NOTES AND SPECIFIC PLAN NOTES MAY BE FOUND ON THE INDIVIDUAL PLANS. THESE GENERAL NOTES APPLY TO THIS ENTIRE DOCUMENT PACKAGE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW ALL CONSTRUCTION CONTRACT DOCUMENTS INCLUDING, BUT NOT LIMITED TO, ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THE PROJECT WORK SCOPE, PRIOR TO THE INITIATION AND COMMENCEMENT OF CONSTRUCTION.
- PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR MUST CONFIRM WITH THE ENGINEER OF RECORD AND BOHLER THAT THE LATEST EDITION OF THE DOCUMENTS AND/OR REPORTS REFERENCED WITHIN THE PLAN REFERENCES ARE BEING USED FOR CONSTRUCTION. THIS IS THE CONTRACTOR'S SOLE AND COMPLETE RESPONSIBILITY.
- PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR MUST ENSURE THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION IS TO BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED THE CONDITIONS OF APPROVAL TO ALL PI ANS AND OTHER DOCUMENTS REVIEWED AND APPROVED BY THE PERMITTING AUTHORITIES AND HAS ALSO CONFIRMED THAT ALL NECESSARY AND REQUIRED PERMITS HAVE BEEN OBTAINED. THE CONTRACTOR MUST HAVE COPIES OF ALL PERMITS AND APPROVALS ON SITE AT ALL TIMES.
- THE CONTRACTOR MUST ENSURE THAT ALL WORK IS PERFORMED IN ACCORDANCE WITH THESE PLANS. SPECIFICATIONS/REPORTS AND CONDITIONS OF APPROVAL, AND ALL APPLICABLE REQUIREMENTS, RULES, REGULATIONS, STATUTORY REQUIREMENTS, CODES, LAWS AND STANDARDS OF ALL GOVERNMENTAL ENTITIES WITH JURISDICTION OVER THIS PROJECT, AND ALL PROVISIONS IN AND CONDITIONS OF THE CONSTRUCTION CONTRACT WITH THE OWNER/DEVELOPER INCLUDING ALL EXHIBITS, ATTACHMENTS AND ADDENDA TO SAME. PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR MUST COORDINATE THE BUILDING LAYOUT BY CAREFULLY REVIEWING THE MOST
- CURRENT ARCHITECTURAL, CIVIL AND STRUCTURAL CONSTRUCTION DOCUMENTS (INCLUDING, BUT NOT LIMITED TO, MECHANICAL, ELECTRICAL, PLUMBING AND FIRE SUPPRESSION PLANS, WHERE APPLICABLE). THE CONTRACTOR MUST IMMEDIATELY NOTIFY OWNER, ARCHITECT AND ENGINEER OF RECORD AND BOHLER, IN WRITING. OF ANY CONFLICTS. DISCREPANCIES OR AMBIGUITIES WHICH EXIST BETWEEN THESE PLANS AND ANY OTHER PLANS THAT COMPRISE THE CONSTRUCTION DOCUMENTS.
- CONTRACTOR MUST REFER TO AND ENSURE COMPLIANCE WITH THE APPROVED ARCHITECTURAL/BUILDING PLANS OF RECORD FOR EXACT LOCATIONS AND DIMENSIONS OF ENTRY/EXIT POINTS, ELEVATIONS, PRECISE BUILDING DIMENSIONS, AND EXACT BUILDING UTILITY LOCATIONS
- THE CONTRACTOR MUST FIELD VERIEVALL DIMENSIONS AND MEASUREMENTS SHOWN ON THESE PLANS, PRIOR TO THE COMMENCEMENT OF CONSTRUCTION THE CONTRACTOR MUST IMMEDIATELY NOTIFY ENGINEER OF RECORD AND BOHLER, IN WRITING, IF ANY CONFLICTS, DISCREPANCIES, OR AMBIGUITIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION. NO EXTRA COMPENSATION WILL BE PAID TO THE CONTRACTOR FOR WORK WHICH HAS TO BE RE-DONE OR REPAIRED DUE TO DIMENSIONS, MEASUREMENTS OR GRADES SHOWN INCORRECTLY ON THESE PLANS PRIOR TO BOTH (A) THE CONTRACTOR GIVING ENGINEER OF RECORD AND BOHLER WRITTEN NOTIFICATION OF SAME AND (B) ENGINEER OF RECORD AND BOHLER. THEREAFTER, PROVIDING THE CONTRACTOR WITH WRITTEN AUTHORIZATION TO PROCEED WITH SUCH ADDITIONAL WORK.
- THE CONTRACTOR MUST VERIFY ALL DIMENSIONS AND MEASUREMENTS INCLUDED ON DESIGN DOCUMENTS HEREIN AND MUST NOT SCALE OFF THE DRAWINGS DUE TO POTENTIAL PRINTING INACCURACIES. ALL DIMENSIONS AND MEASUREMENTS ARE TO BE CHECKED AND CONFIRMED BY THE GENERAL CONTRACTOR PRIOR TO PREPARATION OF SHOP DRAWINGS, FABRICATION/ORDERING OF PARTS AND MATERIALS AND COMMENCEMENT OF SITE WORK. SITE PLAN DRAWINGS ARE NOT INTENDED AS SURVEY DOCUMENTS. DIMENSIONS SUPERSEDE GRAPHICAL REPRESENTATIONS. THE CONTRACTOR MUST MAKE CONTRACTOR'S OWN MEASUREMENTS FOR LAYOUT OF IMPROVEMENTS.
- . THE OWNER AND CONTRACTOR MUST BE FAMILIAR WITH AND RESPONSIBLE FOR THE PROCUREMENT OF ANY AND ALL CERTIFICATIONS REQUIRED FOR THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY.

PROMPTLY PROVIDED TO THE OWNER UPON REQUEST.

- WHEN INCLUDED AS ONE OF THE REFERENCED DOCUMENTS, THE GEOTECHNICAL REPORT, SPECIFICATIONS AND RECOMMENDATIONS SET FORTH THEREIN ARE A PART OF THE REQUIRED CONSTRUCTION DOCUMENTS AND, IN CASE OF CONFLICT, DISCREPANCY OR AMBIGUITY, THE MORE STRINGENT REQUIREMENTS AND/OR RECOMMENDATIONS CONTAINED IN: (A) THE PLANS; AND (B) THE GEOTECHNICAL REPORT AND RECOMMENDATIONS, MUST TAKE PRECEDENCE UNLESS SPECIFICALLY NOTED OTHERWISE ON THE PLANS. THE CONTRACTOR MUST NOTIFY THE ENGINEER OF RECORD AND BOHLER, IN WRITING, OF ANY SUCH CONFLICT, DISCREPANCY OR AMBIGUITY BETWEEN THE GEOTECHNICAL REPORT AND PLANS AND SPECIFICATIONS, PRIOR TO PROCEEDING WITH ANY FURTHER WORK IF A GEOTECHNICAL REPORT WAS NOT CREATED. THEN THE CONTRACTOR MUST FOLLOW AND COMPLY WITH ALL OF THE REQUIREMENTS OF ANY AND ALL MUNICIPAL COUNTY, STATE, AND FEDERAL LAWS AND APPLICABLE SPECIFICATIONS WHICH HAVE JURISDICTION OVER THIS PROJECT
- ENGINEER OF RECORD AND BOHLER ARE NEITHER LIABLE NOR RESPONSIBLE FOR ANY SUBSURFACE CONDITIONS AND FURTHER, HAS NO LIABILITY FOR ANY HAZARDOUS MATERIALS, HAZARDOUS SUBSTANCES, OR POLLUTANTS ON, ABOUT OR UNDER THE PROPERTY THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING WHEN AND WHERE SHORING IS REQUIRED AND FOR INSTALLING ALL SHORING REQUIRED DURING EXCAVATION (TO BE PERFORMED IN ACCORDANCE WITH CURRENT OSHA STANDARDS) AND ANY ADDITIONAL PRECAUTIONS TO BE TAKEN TO ASSURE THE
- STABILITY OF ADJACENT, NEARBY AND CONTIGUOUS STRUCTURES AND PROPERTIES. ALL OF THIS WORK IS TO BE PERFORMED AT CONTRACTOR'S SOLE COST AND EXPENSE THE CONTRACTOR MUST EXERCISE EXTREME CAUTION WHEN PERFORMING ANY WORK ACTIVITIES ADJACENT TO PAVEMENT, STRUCTURES, ETC. WHICH ARE TO REMAIN EITHER FOR AN INITIAL PHASE OF THE PROJECT OR AS PART OF THE FINAL CONDITION. THE CONTRACTOR IS RESPONSIBLE FOR TAKING ALL
- APPROPRIATE MEASURES REQUIRED TO ENSURE THE STRUCTURAL STABILITY OF SIDEWALKS AND PAVEMENT, UTILITIES, BUILDINGS, AND INFRASTRUCTURE WHICH ARE TO REMAIN. AND TO PROVIDE A SAFE WORK AREA FOR THIRD PARTIES. PEDESTRIANS AND ANYONE INVOLVED WITH THE PROJECT. DEBRIS MUST NOT BE BURIED ON THE SUBJECT SITE. ALL DEMOLITION AND CONSTRUCTION WASTES. UNSUITABLE EXCAVATED MATERIAL EXCESS SOIL AND
- DEBRIS (SOI ID WASTE) MUST BE DISPOSED OF IN ACCORDANCE WITH THE REQUIREMENTS OF ANY AND ALL MUNICIPAL, COUNTY, STATE, AND FEDERAL LAWS AND APPLICABLE CODES WHICH HAVE JURISDICTION OVER THIS PROJECT OR OVER THE CONTRACTOR. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO MAINTAIN RECORDS TO DEMONSTRATE PROPER AND FULLY COMPLIANT DISPOSAL ACTIVITIES, TO BE
- THE CONTRACTOR MUST REPAIR, AT CONTRACTOR'S SOLE COST, ALL DAMAGE DONE TO ANY NEW OR EXISTING CONSTRUCTION OR PROPERTY DURING THE COURSE OF CONSTRUCTION, INCLUDING BUT NOT LIMITED TO DRAINAGE, UTILITIES, PAVEMENT, STRIPING, CURB, ETC, AND MUST BEAR ALL COSTS ASSOCIATED WITH SAME TO INCLUDE, BUT NOT BE LIMITED TO, REDESIGN, RE-SURVEY, RE-PERMITTING AND CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR AND MUST REPLACE ALL SIGNAL INTERCONNECTION CABLE, WIRING CONDUITS, AND ANY UNDERGROUND ACCESSORY EQUIPMENT DAMAGED DURING CONSTRUCTION AND MUST BEAR ALL COSTS ASSOCIATED WITH SAME. THE REPAIR OF ANY SUCH NEW OR EXISTING CONSTRUCTION OR PROPERTY MUST RESTORE SUCH CONSTRUCTION OR PROPERTY TO A CONDITION EQUIVALENT TO OR BETTER THAN THE CONDITIONS PRIOR TO COMMENCEMENT OF THE CONSTRUCTION, AND IN CONFORMANCE WITH APPLICABLE CODES, LAWS, RULES, REGULATIONS, STATUTORY REQUIREMENTS AND STATUTES. THE CONTRACTOR MUST BEAR ALL COSTS ASSOCIATED WITH SAME. THE CONTRACTOR MUST, PROMPTLY, DOCUMENT ALL EXISTING DAMAGE AND NOTIFY, IN WRITING, THE OWNER AND THE CONSTRUCTION MANAGER PRIOR TO THE START OF CONSTRUCTION.
- THE ENGINEER OF RECORD AND BOHLER ARE NOT RESPONSIBLE FOR AND HAVE NO CONTRACTUAL, LEGAL OR OTHER RESPONSIBILITIES FOR JOB SITE SAFETY JOB SITE SUPERVISION, OR ANYTHING RELATED TO SAME. THE ENGINEER OF RECORD AND BOHLER HAVE NOT BEEN RETAINED TO PERFORM OR TO BE RESPONSIBLE FOR JOB SITE SAFETY, SAME BEING WHOLLY OUTSIDE OF ENGINEER OF RECORD'S AND BOHLER SERVICES AS RELATED TO THE PROJECT. THE ENGINEER OF RECORD AND BOHLER ARE NOT RESPONSIBLE TO IDENTIFY OR REPORT ANY JOB SITE SAFETY ISSUES OR ANY JOB SITE CONDITIONS, AT ANY TIME. THE CONTRACTOR MUST IMMEDIATELY IDENTIFY IN WRITING, TO THE ENGINEER OF RECORD AND BOHLER , ANY DISCREPANCIES THAT MAY OR COULD AFFECT
- THE PUBLIC SAFETY, HEALTH OR GENERAL WELFARE, OR PROJECT COST. IF THE CONTRACTOR PROCEEDS WITH CONSTRUCTION WITHOUT PROVIDING PROPER WRITTEN NOTIFICATION AS DESCRIBED ABOVE, IT WILL BE AT THE CONTRACTOR'S OWN RISK AND, FURTHER, THE CONTRACTOR MUST INDEMNIFY, DEFEND AND HOLD HARMLESS THE ENGINEER OF RECORD AND BOHLER FOR ANY AND ALL DAMAGES, COSTS, INJURIES, ATTORNEY'S FEES AND THE LIKE WHICH RESULT FROM OR ARE IN ANY WAY RELATED TO SAME INCLUDING, BUT NOT LIMITED TO, ANY THIRD PARTY AND FIRST PARTY CLAIMS.
- THE ENGINEER OF RECORD AND BOHLER ARE NOT RESPONSIBLE FOR ANY INJURY OR DAMAGES RESULTING FROM THE CONTRACTOR'S FAILURE TO BUILD OR WNER FAIL TO BUILD OR CONSTRUCT IN STRICT ACCORDANCE WITH APPROVED PLANS, RULES, STATUTES, CODES AND THE LIKE, THE CONTRACTOR AND/OR OWNER AGREE TO AND MUST JOINTLY, INDEPENDENTLY, SEPARATELY, AND SEVERALLY INDEMNIFY AND HOLD THE ENGINEER OF RECORD AND BOHLER HARMLESS FOR AND FROM ALL INJURIES, CLAIMS AND DAMAGES THAT ENGINEER AND BOHLER SUFFER AND ANY AND ALL COSTS THAT ENGINEER AND BOHLER INCUR AS RELATED TO SAME
- ALL CONTRACTORS MUST CARRY AT LEAST THE MINIMUM AMOUNT OF THE SPECIFIED AND COMMERCIALLY REASONABLE STATUTORY WORKER'S COMPENSATION INSURANCE, EMPLOYER'S LIABILITY INSURANCE AND COMMERCIAL GENERAL LIABILITY INSURANCE (CGL) INCLUDING ALSO ALL UMBRELLA COVERAGES, ALL CONTRACTORS MUST HAVE THEIR CGL POLICIES ENDORSED TO NAME BOHLER , AND ITS PAST, PRESENT AND FUTURE OWNERS, OFFICERS, DIRECTORS, PARTNERS, SHAREHOLDERS, MEMBERS, PRINCIPALS, COMMISSIONERS, AGENTS, SERVANTS, EMPLOYEES, AFFILIATES, SUBSIDIARIES, AND RELATED ENTITIES, AND ITS SUBCONTRACTORS AND SUBCONSULTANTS AS ADDITIONAL NAMED INSUREDS AND TO PROVIDE CONTRACTUAL LIABILITY COVERAGE SUFFICIENT TO INSURE (DEFEND, IF APPLICABLE) AND HOLD HARMLESS AND INDEMNITY OBLIGATIONS ASSUMED AND AGREED TO BY THE CONTRACTOR HEREIN. ALL CONTRACTORS MUST FURNISH BOHLER WITH CERTIFICATIONS OF INSURANCE OR CERTIFICATES OF INSURANCE AS EVIDENCE OF THE REQUIRED INSURANCE COVERAGES PRIOR TO COMMENCING ANY WORK AND UPON RENEWAL OF EACH POLICY DURING THE ENTIRE PERIOD OF CONSTRUCTION AND FOR TWO YEARS AFTER THE COMPLETION OF CONSTRUCTION AND AFTER ALL PERMITS ARE ISSUED, WHICHEVER DATE IS LATER. IN ADDITION, ALL CONTRACTORS AGREE THAT THEY WILL, TO THE FULLEST EXTENT PERMITTED UNDER THE LAW, INDEMNIFY, DEFEND AND HOLD HARMLESS BOHLER AND ITS PAST, PRESENT AND FUTURE OWNERS, OFFICERS, DIRECTORS, PARTNERS, SHAREHOLDERS, MEMBERS, PRINCIPALS, COMMISSIONERS, AGENTS, SERVANTS, EMPLOYEES, AFFILIATES, SUBSIDIARIES AND RELATED ENTITIES AND ITS SUBCONTRACTORS AND SUBCONSULTANTS FROM AND AGAINST ANY DAMAGES. INJURIES, CLAIMS, ACTIONS, PENALTIES, EXPENSES, PUNITIVE DAMAGES, TORT DAMAGES, STATUTORY CLAIMS, STATUTORY CAUSES OF ACTION, LOSSES, CAUSES OF ACTION, LIABILITIES OR COSTS, INCLUDING, BUT NOT LIMITED TO, REASONABLE ATTORNEYS' FEES AND DEFENSE COSTS, ARISING OUT OF OR IN ANY WAY CONNECTED WITH OR TO THE
- THE ENGINEER OF RECORD AND BOHLER ARE NOT RESPONSIBLE FOR CONSTRUCTION METHODS, MEANS, TECHNIQUES OR PROCEDURES, GENERALLY OR FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES OR PROCEDURES FOR COMPLETION OF THE WORK DEPICTED BOTH ON THESE PLANS, AND FOR ANY CONFLICTS IN SCOPE AND REVISIONS THAT RESULT FROM SAME. THE CONTRACTOR IS FULLY AND SOLELY RESPONSIBLE FOR DETERMINING THE MEANS AND METHODS FOR COMPLETION OF THE WORK, PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. . NEITHER THE PROFESSIONAL ACTIVITIES OF BOHLER, NOR THE PRESENCE OF BOHLER AND/OR ITS PAST, PRESENT AND FUTURE OWNERS, OFFICERS,

PROJECT. INCLUDING ALL CLAIMS BY EMPLOYEES OF THE CONTRACTOR(S), ALL CLAIMS BY THIRD PARTIES AND ALL CLAIMS RELATED TO THE PROJECT. THE CONTRACTOR MUST NOTIFY ENGINEER IN WRITING AT LEAST THIRTY (30) DAYS PRIOR TO ANY TERMINATION. SUSPENSION OR CHANGE OF ITS INSURANCE

DIRECTORS, PARTNERS, SHAREHOLDERS, MEMBERS, PRINCIPALS, COMMISSIONERS, AGENTS, SERVANTS, EMPLOYEES, AFFILIATES, SUBSIDIARIES, AND RELATED ENTITIES, AND ITS SUBCONTRACTORS AND SUBCONSULTANTS AT A CONSTRUCTION/PROJECT SITE (HEREIN "BOHLER PARTIES"), RELIEVES OR WILL RELIEVE THE CONTRACTOR OF AND FROM CONSTRUCTION MEANS, METHODS, SEQUENCE, TECHNIQUES OR PROCEDURES NECESSARY FOR PERFORMING, OVERSEEING, SUPERINTENDING AND COORDINATING THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND COMPLIANCE WITH ALL HEALTH AND SAFETY PRECAUTIONS REQUIRED BY ANY REGULATORY AGENCIES WITH JURISDICTION OVER THE PROJECT AND/OR PROPERTY. BOHLER PARTIES HAVE NO AUTHORITY TO EXERCISE ANY CONTROL OVER (OR ANY RESPONSIBILITY FOR) ANY CONSTRUCTION, THE CONTRACTOR OR ITS EMPLOYEES RELATING TO THEIR WORK AND ANY AND ALL HEALTH AND SAFETY PROGRAMS OR PROCEDURES. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR JOB SITE SAFETY. THE CONTRACTOR MUST INDEMNIFY, DEFEND, PROTECT AND HOLD HARMLESS BOHLER PARTIES FOR AND FROM ANY LIABILITY TO BOHLER PARTIES RESULTING FROM THE CONTRACTOR'S WORK. SERVICES AND/OR VIOLATIONS OF THIS NOTE. THESE NOTES OR ANY NOTES IN THE PLAN SET AND. FURTHER. THE CONTRACTOR MUST

NAME BOHLER AS AN ADDITIONAL INSURED UNDER THE GENERAL CONTRACTOR'S POLICIES OF GENERAL LIABILITY INSURANCE AS DESCRIBED ABOVE.

- WHEN IT IS CLEARLY AND SPECIFICALLY WITHIN BOHLER'S SCOPE OF SERVICES CONTRACT WITH THE OWNER/DEVELOPER. BOHLER WILL REVIEW OR TAKE OTHER APPROPRIATE ACTION ON THE CONTRACTOR SUBMITTALS, SUCH AS SHOP DRAWINGS, PRODUCT DATA, SAMPLES, AND OTHER DATA, WHICH THE CONTRACTOR IS REQUIRED TO SUBMIT, BUT ONLY FOR THE LIMITED PURPOSE OF EVALUATING CONFORMANCE WITH THE DESIGN INTENT AND THE INFORMATION SHOWN IN THE CONSTRUCTION CONTRACT DOCUMENTS. CONSTRUCTION MEANS AND METHODS AND/OR TECHNIQUES OR PROCEDURES. COORDINATION OF THE WORK WITH OTHER TRADES, AND CONSTRUCTION SAFETY PRECAUTIONS ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND BOHLER HAS NO RESPONSIBILITY OR LIABILITY FOR SAME. BOHLER WILL PERFORM ITS SHOP DRAWING REVIEW WITH REASONABLE PROMPTNESS, AS CONDITIONS PERMIT. ANY DOCUMENT, DOCUMENTING BOHLER'S REVIEW OF A SPECIFIC ITEM OR LIMITED SCOPE, MUST NOT INDICATE THAT BOHLER HAS REVIEWED THE ENTIRE ASSEMBLY OF WHICH THE ITEM IS A COMPONENT, BOHLER IS NOT RESPONSIBLE FOR ANY DEVIATIONS FROM THE CONSTRUCTION DOCUMENTS. THE CONTRACTOR MUST, IN WRITING, PROMPTLY AND IMMEDIATELY BRING ANY DEVIATIONS FROM THE CONSTRUCTION DOCUMENTS TO BOHLER'S ATTENTION. 30HLER IS NOT REQUIRED TO REVIEW PARTIAL SUBMISSIONS OR THOSE FOR WHICH SUBMISSIONS OF CORRELATED ITEMS HAVE NOT BEEN RECEIVED.
- IF THE CONTRACTOR DEVIATES FROM THESE PLANS AND/OR SPECIFICATIONS, INCLUDING THE NOTES CONTAINED HEREIN, WITHOUT FIRST OBTAINING THE PRIOR WRITTEN AUTHORIZATION OF THE ENGINEER OF RECORD AND BOHLER FOR ALL DEVIATIONS WITHIN ENGINEER'S SCOPE, THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE PAYMENT OF ALL COSTS INCURRED IN CORRECTING ANY WORK PERFORMED WHICH DEVIATES FROM THE PLANS, ALL FINES AND/OR PENALTIES ASSESSED WITH RESPECT THERETO AND ALL COMPENSATORY OR PUNITIVE DAMAGES RESULTING THEREFROM AND, FURTHER, MUST DEFEND. INDEMNIFY, PROTECT, AND HOLD HARMLESS THE ENGINEER OF RECORD AND BOHLER PARTIES TO THE FULLEST EXTENT PERMITTED UNDER THE LAW, FOR AND FROM ALL FEES, ATTORNEYS' FEES, DAMAGES, COSTS, JUDGMENTS, CLAIMS, INJURIES, PENALTIES AND THE LIKE RELATED TO SAM
- THE CONTRACTOR IS RESPONSIBLE FOR A MAINTAINING AND PROTECTING THE TRAFFIC CONTROL PLAN AND ELEMENTS IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REQUIREMENTS, FOR ALL WORK THAT AFFECTS PUBLIC TRAVEL EITHER IN THE RIGHT OF WAY OR ON SITE. THE COST FOR THIS ITEM MUST BE INCLUDED IN THE CONTRACTOR'S PRICE AND IS THE CONTRACTOR'S SOLE RESPONSIBILITY. OWNER MUST MAINTAIN AND PRESERVE ALL PHYSICAL SITE FEATURES AND DESIGN FEATURES DEPICTED ON THE PLANS AND RELATED DOCUMENTS IN STRICT
- ACCORDANCE WITH THE APPROVED PLAN(S) AND DESIGN; AND, FURTHER, THE ENGINEER OF RECORD AND BOHLER ARE NOT RESPONSIBLE FOR ANY FAILURE TO SO MAINTAIN OR PRESERVE SITE AND/OR DESIGN FEATURES, IF OWNER FAILS TO MAINTAIN AND/OR PRESERVE ALL PHYSICAL SITE FEATURES AND/OR DESIGN. FEATURES DEPICTED ON THE PLANS AND RELATED DOCUMENTS, OWNER AGREES TO INDEMNIFY AND HOLD THE ENGINEER OF RECORD AND BOHLER PARTIES, IARMLESS FOR ALL INJURIES, DAMAGES AND COSTS THAT ENGINEER OF RECORD AND BOHLER INCUR AS A RESULT OF SAID FAILURE OR FAILURE TO PRESERVE THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ENSURING THAT ALL CONSTRUCTION ACTIVITIES AND MATERIALS COMPLY WITH AND CONFORM TO APPLICABLE FEDERAL, STATE AND LOCAL RULES AND REGULATIONS, LAWS, ORDINANCES, AND CODES, AND ALL APPLICABLE REQUIREMENTS OF THE OCCUPATIONAL SAFETY
- AND HEALTH ACT OF 1970, (29 U.S.C. 651 ET SEQ.) AS AMENDED, AND ANY MODIFICATIONS, AMENDMENTS OR REVISIONS TO SAME THE CONTRACTOR MUST STRICTLY COMPLY WITH THE LATEST AND CURRENT OSHA STANDARDS AND REGULATIONS, AND/OR ANY OTHER AGENCY WITH URISDICTION OVER EXCAVATION AND TRENCHING PROCEDURES. ENGINEER OF RECORD AND BOHLER HAS NO RESPONSIBILITY FOR OR AS RELATED TO EXCAVATION AND TRENCHING PROCEDURES AND WORK.
- THE CONTRACTOR AND THE OWNER MUST INSTALL ALL ELEMENTS AND COMPONENTS IN STRICT COMPLIANCE WITH AND IN ACCORDANCE WITH MANUFACTURER'S STANDARDS AND RECOMMENDED INSTALLATION CRITERIA AND SPECIFICATIONS. IF THE CONTRACTOR AND/OR OWNER FAIL TO DO SO, THEY AGREE TO JOINTLY, INDEPENDENTLY, SEPARATELY, COLLECTIVELY, AND SEVERALLY INDEMNIFY, DEFEND, PROTECT AND HOLD ENGINEER OF RECORD AND BOHLER PARTIES HARMLESS FOR ALL INJURIES AND DAMAGES THAT ENGINEER SUFFERS AND COSTS THAT ENGINEER INCURS AS A RESULT OF SAID FAILURE.
- THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN AN ON-SITE STORMWATER POLITION PREVENTION PLAN (SWPPP) IN COMPLIANCE WITH THE ENVIRONMENTAL PROTECTION AGENCY (EPA) REQUIREMENTS OR LOCAL GOVERNING AGENCY FOR SITES WHERE ONE (1) ACRE OR MORE IS DISTURBED BY CONSTRUCTION ACTIVITIES (UNLESS THE LOCAL JURISDICTION REQUIRES A DIFFERENT THRESHOLD). THE CONTRACTOR MUST ENSURE THAT ALL ACTIVITIES, INCLUDING THOSE OF ALL SUBCONTRACTORS, ARE IN COMPLIANCE WITH THE SWPPP, INCLUDING BUT NOT LIMITED TO LOGGING ACTIVITIES (MINIMUM ONCE PER WEEK AND AFTER RAINFALL EVENTS) AND CORRECTIVE MEASURES. AS APPROPRIATE AND FURTHER. THE CONTRACTOR IS SOLELY AND COMPLETELY RESPONSIBLE FOR FAILING
- AS CONTAINED IN THESE DRAWINGS AND ASSOCIATED DOCI MENTS PREPARED BY THE ENGINEER OF RECORD AND BOHLER. THE USE OF THE WORDS "CERTIEV" OR 'CERTIFICATION' CONSTITUTE(S) AN EXPRESSION ONLY OF PROFESSIONAL OPINION REGARDING THE INFORMATION WHICH IS THE SUBJECT OF THE ENGINEER OF RECORD'S AND BOHLER KNOWLEDGE OR BELIEF AND IN ACCORDANCE WITH COMMON AND ACCEPTED PROCEDURE CONSISTENT WITH THE APPLICABLE STANDARDS OF PRACTICE, AND DOES NOT CONSTITUTE A WARRANTY OR GUARANTEE OF ANY NATURE OR TYPE, EITHER EXPRESSED OR IMPLIED, UNDER ANY CIRCUMSTANCES.

	ENERAL DEMOLITION NOTES	GENERAL GRADING NOTES	
1.	THE GENERAL NOTES MUST BE INCLUDED AS PART OF THIS ENTIRE DOCUMENT PACKAGE AND ARE PART OF THE CONTRACT DOCUMENTS. THE GENERAL NOTES ARE REFERENCED HEREIN, AND THE CONTRACTOR MUST REFER TO THEM AND FULLY COMPLY WITH THESE NOTES, IN THEIR ENTIRETY. THE CONTRACTOR MUST	THE GENERAL NOTES MUST BE INCLUDED AS PART OF THIS ENTIRE DOCUMENT PACKAGE AND ARE PART OF THE CONTRACT DOCUMENTS. THE GENERAL NOTES ARE REFERENCED HEREIN, AND THE CONTRACTOR MUST REFER TO THEM AND FULLY COMPLY WITH THESE NOTES. IN THEIR ENTIRETY. THE CONTRACTOR MUST	A
2.	BE FAMILIAR WITH AND ACKNOWLEDGE FAMILIARITY WITH ALL OF THE GENERAL NOTES AND ALL OF THE PLANS' SPECIFIC NOTES. THE CONTRACTOR MUST CONDUCT DEMOLITION/REMOVALS ACTIVITIES IN SUCH A MANNER AS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS,	BE FAMILIAR WITH AND ACKNOWLEDGE FAMILIARITY WITH ALL OF THE GENERAL NOTES AND ALL OF THE PLANS' SPECIFIC NOTES. 2. SITE GRADING MUST BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE GEOTECHNICAL	KEY ARCH
.T 3.	SIDEWALKS, WALKWAYS, AND ALL OTHER ADJACENT FACILITIES. THE CONTRACTOR MUST OBTAIN ALL APPLICABLE PERMITS FROM THE APPROPRIATE GOVERNMENTAL AUTHORITY(IES) PRIOR TO THE COMMENCEMENT OF ANY ROAD OPENING OR DEMOLITION ACTIVITIES IN OR ADJACENT TO THE RIGHT-OF-WAY. WHEN DEMOLITION-RELATED ACTIVITIES IMPACT ROADWAYS AND/OR ROADWAY RIGHT-OF-WAY, THE CONTRACTOR MUST PROVIDE TRAFFIC CONTROL AND	REPORT AS REFERENCED IN THIS PLAN SET. IF NO GEOTECHNICAL REPORT HAS BEEN REFERENCED, THE CONTRACTOR MUST HAVE A GEOTECHNICAL ENGINEER PROVIDE WRITTEN SPECIFICATIONS AND RECOMMENDATIONS PRIOR TO THE CONTRACTOR COMMENCING THE GRADING WORK. THE CONTRACTOR MUST FOLLOW THE REQUIREMENTS OF ALL MUNICIPAL, COUNTY, STATE, AND FEDERAL LAWS, WHICH HAVE JURISDICTION OVER THIS PROJECT.	BC BM
0.	GENERALLY ACCEPTED SAFE PRACTICES IN CONFORMANCE WITH THE CURRENT FEDERAL HIGHWAY ADMINISTRATION "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), AND THE FEDERAL, STATE, AND LOCAL REGULATIONS.	 THE CONTRACTOR IS REQUIRED TO SECURE ALL NECESSARY AND/OR REQUIRED PERMITS AND APPROVALS FOR ALL OFF-SITE MATERIAL SOURCES AND DISPOSAL FACILITIES. THE CONTRACTOR MUST SUPPLY A COPY OF APPROVALS TO THE ENGINEER OF RECORD AND THE OWNER PRIOR TO THE CONTRACTOR COMMENCING ANY WORK. 	BOC BW BLDG
4	THE DEMOLITION (AND/OR REMOVALS) PLAN IS INTENDED TO PROVIDE GENERAL INFORMATION AND TO IDENTIFY ONLY CONDITIONS REGARDING ITEMS TO BE DEMOLISHED, REMOVED, AND/OR TO REMAIN. I.1. THE CONTRACTOR MUST ALSO REVIEW ALL CONSTRUCTION DOCUMENTS AND INCLUDE WITHIN THE DEMOLITION ACTIVITIES ALL INCIDENTAL WORK NECESSARY FOR THE CONSTRUCTION OF THE NEW SITE IMPROVEMENTS.	4. THE CONTRACTOR IS FULLY RESPONSIBLE FOR VERIFYING EXISTING TOPOGRAPHIC INFORMATION AND UTILITY INVERT ELEVATIONS PRIOR TO COMMENCING ANY CONSTRUCTION. SHOULD DISCREPANCIES BETWEEN THE PLANS AND INFORMATION OBTAINED THROUGH FIELD VERIFICATIONS BE IDENTIFIED OR EXIST, THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE ENGINEER OF RECORD, IN WRITING.	CONC. DEC
0		5. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING AND REPLACING ALL UNSUITABLE MATERIALS WITH SUITABLE MATERIALS AS SPECIFIED IN THE GEOTECHNICAL REPORT. THE CONTRACTOR MUST COMPACT ALL EXCAVATED OR FILLED AREAS IN STRICT ACCORDANCE WITH THE GEOTECHNICAL REPORT'S GUIDANCE. MOISTURE CONTENT AT TIME OF PLACEMENT MUST BE SUBMITTED IN A COMPACTION REPORT PREPARED BY A QUALIFIED GEOTECHNICAL ENGINEER.	DEP Ø / DIA
5	OSHA AND OTHER SAFETY PRECAUTIONS NECESSARY TO PROVIDE A SAFE WORK SITE FOR THE CONTRACTOR AND THE PUBLIC. THE CONTRACTOR MUST PROVIDE ALL "METHODS AND MEANS" NECESSARY TO PREVENT MOVEMENT, SETTLEMENT, OR COLLAPSE OF EXISTING STRUCTURES,	REGISTERED WITH THE STATE WHERE THE WORK IS PERFORMED. THIS REPORT MUST VERIFY THAT ALL FILLED AREAS AND SUBGRADE AREAS WITHIN THE BUILDING PAD AREA AND AREAS TO BE PAVED HAVE BEEN COMPACTED IN ACCORDANCE WITH THESE PLANS, SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE GEOTECHNICAL REPORT AND ALL APPLICABLE REQUIREMENTS, RULES, STATUTES, LAWS, ORDINANCES AND CODES WHICH ARE IN EFFECT AND	DMH DIP
	AND ANY OTHER IMPROVEMENTS THAT ARE REMAINING ON OR OFF SITE. THE CONTRACTOR, AT THE CONTRACTOR'S SOLE COST, MUST REPAIR ALL DAMAGE TO ALL ITEMS AND FEATURES THAT ARE TO REMAIN. CONTRACTOR MUST USE NEW MATERIAL FOR ALL REPAIRS. CONTRACTOR'S REPAIRS MUST INCLUDE THE RESTORATION OF ALL ITEMS AND FEATURES REPAIRED TO THEIR PRE-DEMOLITION CONDITION, OR BETTER. CONTRACTOR MUST PERFORM ALL REPAIRS AT THE CONTRACTOR'S SOLE EXPENSE.	WHICH ARE APPLICABLE TO THE PROJECT. SUBBASE MATERIAL FOR SIDEWALKS, CURB, OR ASPHALT MUST BE FREE OF ORGANICS AND OTHER UNSUITABLE MATERIALS. SHOULD SUBBASE BE DEEMED UNSUITABLE BY OWNER/DEVELOPER, OR OWNER/DEVELOPER'S REPRESENTATIVE, SUBBASE MUST BE REMOVED AND FILLED WITH APPROVED FILL MATERIAL, COMPACTED AS THE GEOTECHNICAL REPORT DIRECTS. EARTHWORK ACTIVITIES INCLUDING, BUT NOT LIMITED TO, EXCAVATION, BACKFILL, AND COMPACTING MUST COMPLY WITH THE RECOMMENDATIONS IN THE GEOTECHNICAL REPORT AND ALL APPLICABLE REQUIREMENTS,	EOP ELEV EXIST.
6	ENGINEER OF RECORD AND BOHLER ARE NOT RESPONSIBLE FOR JOB SITE SAFETY OR SUPERVISION. THE CONTRACTOR MUST PROCEED WITH THE DEMOLITION IN A SYSTEMATIC AND SAFE MANNER, COMPLYING WITH ALL OSHA REQUIREMENTS, TO ENSURE PUBLIC AND CONTRACTOR SAFETY AND SAFETY TO ALL PROPERTY	RULES, STATUTES, LAWS, ORDINANCES AND CODES. EARTHWORK ACTIVITIES MUST COMPLY WITH THE STANDARD STATE DOT SPECIFICATIONS FOR ROADWAY CONSTRUCTION (LATEST EDITION) AND ANY AMENDMENTS OR REVISIONS THERETO.	FF FFE
7.	ON THE SITE OR ADJACENT OR NEAR TO THE SAME. THE CONTRACTOR IS RESPONSIBLE FOR JOB SITE SAFETY, WHICH MUST INCLUDE, BUT IS NOT LIMITED TO, THE INSTALLATION AND MAINTENANCE OF BARRIERS,	 IN THE EVENT OF A DISCREPANCY(IES) AND/OR A CONFLICT(S) BETWEEN PLANS, OR RELATIVE TO OTHER PLANS, THE GRADING PLAN TAKES PRECEDENCE AND CONTROLS. THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE ENGINEER OF RECORD, IN WRITING, OF ANY DISCREPANCY(IES) AND/OR CONFLICT(S). THE CONTRACTOR IS DESCREPANCIES TO IMPORT FILL OF EXCERT EXCERCISE AND FOR EXCERCISE AND TO THE DESCREPANCY (IES) AND/OR CONFLICT(S). 	GC GRT HDPE
	FENCING, OTHER APPROPRIATE AND/OR NECESSARY SAFETY FEATURES AND ITEMS NECESSARY TO PROTECT THE PUBLIC FROM AREAS OF CONSTRUCTION AND CONSTRUCTION ACTIVITIES. THE CONTRACTOR MUST SAFEGUARD THE SITE AS NECESSARY TO PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE ENTRY OF ALL UNAUTHORIZED PERSONS AT ANY TIME, TO OR NEAR THE DEMOLITION AREA.	 THE CONTRACTOR IS RESPONSIBLE TO IMPORT FILL OR EXPORT EXCESS MATERIAL AS NECESSARY TO CONFORM TO THE PROPOSED GRADING, AND TO BACKFILL EXCAVATIONS FOR THE INSTALLATION OF UNDERGROUND IMPROVEMENTS. PROPOSED TOP OF CURB ELEVATIONS ARE GENERALLY 6" ABOVE PAVEMENT GRADE UNLESS OTHERWISE NOTED. 	HP INT INV
8	PRIOR TO THE COMMENCEMENT OF ANY SITE ACTIVITY AND ANY DEMOLITION ACTIVITY, THE CONTRACTOR MUST, IN WRITING, RAISE ANY QUESTIONS CONCERNING THE ACCURACY OR INTENT OF THESE PLANS AND/OR SPECIFICATIONS, ALL CONCERNS OR QUESTIONS REGARDING THE APPLICABLE SAFETY STANDARDS, AND/OR THE SAFETY OF THE CONTRACTOR AND/OR THIRD PARTIES IN PERFORMING THE WORK ON THIS PROJECT. ANY SUCH CONCERNS MUST BE	 THE CONTRACTOR MUST CONFIRM AND ENSURE THAT AS CONSTRUCTED IMPROVEMENTS CREATE THE FOLLOWING MINIMUM SLOPES (EXCEPT WHERE ADA REQUIREMENTS LIMIT THEM): 1.0% ON ALL CONCRETE SURFACES, 1.5% ON ASPHALT SURFACES, 1.5% IN LANDSCAPED AREAS AND 0.75% SLOPE AGAINST ALL 	L.S.A.
	CONVEYED TO THE ENGINEER OF RECORD AND BOHLER , IN WRITING AND MUST ADDRESS ALL ISSUES AND ITEMS RESPONDED TO, BY THE ENGINEER OF RECORD AND BY BOHLER, IN WRITING. ALL DEMOLITION ACTIVITIES MUST BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THESE PLANS AND SPECIFICATIONS AND ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS, RULES, REQUIREMENTS, STATUTES, ORDINANCES AND CODES.	ISLANDS, GUTTERS, AND CURBS TO PROVIDE POSITIVE DRAINAGE. 10. WHERE RETAINING WALLS ARE IDENTIFIED ON THE PLANS, TOP AND BOTTOM OF WALL ELEVATIONS (TW & BW) REPRESENT THE PROPOSED FINISHED GRADE AT THE FACE OF THE TOP AND BOTTOM OF THE WALL AND DO NOT REPRESENT THE ELEVATION OF THE PROPOSED WALL (INCLUDING THE CAP UNIT OR FOOTING).	LOW LF LP
9.	THE CONTRACTOR MUST BECOME FAMILIAR WITH THE APPLICABLE UTILITY SERVICE PROVIDER REQUIREMENTS AND IS RESPONSIBLE FOR ALL COORDINATION REGARDING UTILITY DEMOLITION AND/OR DISCONNECTION AS IDENTIFIED OR REQUIRED FOR THE PROJECT. THE CONTRACTOR MUST PROVIDE THE OWNER WITH WRITTEN NOTIFICATION THAT THE EXISTING UTILITIES AND SERVICES HAVE BEEN TERMINATED, REMOVED AND/OR ABANDONED IN ACCORDANCE WITH THE	WALL FOOTINGS/FOUNDATION ELEVATIONS ARE NOT IDENTIFIED HEREIN AND ARE TO BE SET/DETERMINED BY THE CONTRACTOR OR WALL DESIGNER, AND MUST BE SET BASED UPON FINAL STRUCTURAL DESIGN SHOP DRAWINGS PREPARED BY THE APPROPRIATE PROFESSIONAL LICENSED IN THE STATE WHERE THE CONSTRUCTION OCCURS. THE CONTRACTOR MUST ENSURE THAT THERE ARE NO UTILITIES ON THE PASSIVE SIDE OF THE RETAINING WALL. NO EXCAVATION MAY	MAX
	JURISDICTION AND UTILITY COMPANY REQUIREMENTS AND ALL OTHER APPLICABLE REQUIREMENTS, RULES, STATUTES, LAWS, ORDINANCES AND CODES.	BE PERFORMED ON THE PASSIVE SIDE OF THE RETAINING WALL WITHOUT APPROPRIATELY AND SAFELY SUPPORTING THE WALL IN ACCORDANCE WITH THE STANDARD OF CARE AND ALL APPLICABLE RULES, REGULATIONS, CODES, ORDINANCES, LAWS AND STATUTES.	ME MIN
	 OBTAIN ALL REQUIRED PERMITS AND MAINTAIN THE SAME ON SITE FOR REVIEW BY THE ENGINEER AND ALL PUBLIC AGENCIES WITH JURISDICTION THROUGHOUT THE DURATION OF THE PROJECT, SITE WORK, AND DEMOLITION WORK. NOTIFY, AT A MINIMUM, THE MUNICIPAL ENGINEER, DESIGN ENGINEER, AND LOCAL SOIL CONSERVATION JURISDICTION, AT LEAST 72 BUSINESS HOURS PRIOR TO THE COMMENCEMENT OF WORK. 	 MSE OR GRAVITY BLOCK WALLS SHALL BE CONSTRUCTED SUCH THAT UPON COMPLETION OF CONSTRUCTION THERE IS NO UNFINISHED SURFACE OR LIFTING RINGS VISIBLE (E.G. USE OF FINISHED TOP BLOCK OR CAP STONES) STORMWATER RUNOFF WITHIN PROPERTY MUST BE COLLECTED ON-SITE WITH NO OVERLAND RUNOFF ONTO THE RIGHT-OF-WAY OR ADJACENT PROPERTIES TO 	No. / # ±
	 INSTALL THE REQUIRED SOIL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO SITE DISTURBANCE, AND MAINTAIN SAID CONTROLS UNTIL SITE IS STABILIZED IN ACCORDANCE WITH STATE LAW. THE CONTRACTOR MUST CALL THE STATE ONE-CALL DAMAGE PROTECTION SYSTEM FOR UTILITY MARK OUT. IN ADVANCE 	THE MAXIMUM EXTENT POSSIBLE OR IN THE MANNER SHOWN ON THE CONSTRUCTION DRAWINGS. STORMWATER RUNOFF ONTO ADJACENT PROPERTIES SHALL BE CONTROLLED AS TO NOT ADVERSLY IMPACT SAID PROPERTIES.	PC PI PT
	OF ANY EXCAVATION. 0.5. LOCATE AND PROTECT ALL UTILITIES AND SERVICES, INCLUDING BUT NOT LIMITED TO GAS, WATER, ELECTRIC, SANITARY AND STORM SEWER, TELEPHONE, CABLE, FIBER OPTIC CABLE, ETC. WITHIN AND ADJACENT TO THE LIMITS OF PROJECT ACTIVITIES. THE CONTRACTOR MUST USE AND COMPLY WITH THE	 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. 	PVI PVC PROP.
	REQUIREMENTS OF THE APPLICABLE UTILITY NOTIFICATION SYSTEM TO LOCATE ALL UNDERGROUND UTILITIES. 0.6. PROTECT AND MAINTAIN IN OPERATION, ALL ACTIVE UTILITIES AND SYSTEMS THAT ARE NOT BEING REMOVED DURING ANY DEMOLITION ACTIVITIES. 0.7. ARRANGE FOR AND COORDINATE WITH THE APPLICABLE UTILITY SERVICE PROVIDER(S) FOR THE TEMPORARY OR PERMANENT TERMINATION OF SERVICE REQUIRED BY THE PROJECT PLANS AND SPECIFICATIONS REGARDING THE METHODS AND MEANS TO CONSTRUCT SAME. THESE ARE NOT THE ENGINEER OF	 REFER TO GENERAL NOTES SHEET FOR ADDITIONAL ADA GUIDELINES AND REQUIREMENTS. FOR ALL RETAINING WALLS (CT USE 3, ALL OTHER OFFICES USE 4) FEET OR GREATER IN HEIGHT: 15.1. THE OWNER OR THE OWNER'S CONTRACTOR IS TO PROVIDE A SITE-SPECIFIC RETAINING WALL DESIGN PREPARED BY THE APPROPRIATE PROFESSIONAL 	R R RCP
	RECORD'S RESPONSIBILITY. IN THE EVENT OF ABANDONMENT, THE CONTRACTOR MUST PROVIDE THE UTILITY ENGINEER AND OWNER WITH IMMEDIATE WRITTEN NOTIFICATION THAT THE EXISTING UTILITIES AND SERVICES HAVE BEEN TERMINATED AND ABANDONED IN ACCORDANCE WITH JURISDICTIONAL AND UTILITY COMPANY REQUIREMENTS.	13.1. THE OWNER'S CONTRACTOR IS TO PROVIDE A SITE-SPECIFIC RETAINING WALL DESIGN PREPARED BY THE APPROPRIATE PROPESSIONAL LICENSED (E.G. STRUCTURAL ENGINEER) IN THE STATE WHERE THE CONSTRUCTION OCCURS. SOIL TYPES, WATER TABLE ELEVATION, EXISTING & PROPOSED SURROUNDING IMPROVEMENTS/CONDITIONS (INCLUDING BUT NOT LIMITED TO SLOPES, DRIVE AISLES, ROADS, FENCING, GUIDERAILS, UTILITIES, DRAINAGE FACILITIES, STRUCTURES, FOUNDATIONS), LIVE LOADS AND OTHER SITE AMENITIES THAT COULD HAVE AN INFLUENCE OR IMPACT ON THE RETAINING WALL(S)	R.O.W. SAN SMH
)	0.8. ARRANGE FOR AND COORDINATE WITH THE APPLICABLE UTILITY SERVICE PROVIDER(S) REGARDING WORKING "OFF-PEAK" HOURS OR ON WEEKENDS AS NECESSARY OR AS REQUIRED TO MINIMIZE THE IMPACT ON, OF, AND TO THE AFFECTED PARTIES. WORK REQUIRED TO BE PERFORMED "OFF-PEAK" IS TO BE PERFORMED AT NO ADDITIONAL COST TO THE OWNER.	CONSTRUCTABILITY AND/OR LONGEVITY SHALL BE CONSIDERED AND INCORPORATED INTO THE RETAINING WALL DESIGN AS WELL AS THE GLOBAL STABILITY ANALYSIS. 15.2. PEER REVIEW AND GLOBAL STABILITY ANALYSIS OF THE RETAINING WALL DESIGN MUST BE COMPLETED BY THE OWNER'S GEOTECHNICAL ENGINEER TO	S S SF
	0.9. IN THE EVENT THE CONTRACTOR DISCOVERS ANY HAZARDOUS MATERIAL, THE REMOVAL OF WHICH IS NOT ADDRESSED IN THE PROJECT PLANS AND SPECIFICATIONS OR THE CONTRACT WITH THE OWNER/DEVELOPER, THE CONTRACTOR MUST IMMEDIATELY CEASE ALL WORK IN THE AREA OF DISCOVERY, AND IMMEDIATELY NOTIFY, IN WRITING AND VERBALLY, THE OWNER AND ENGINEER OF RECORD AND BOHLER, THE DISCOVERY OF SUCH MATERIALS TO PURSUE PROPER AND COMPLIANT REMOVAL OF SAME.	CERTIFY THE DESIGN MEETS INDUSTRY STANDARDS FOR FACTOR OF SAFETY. SOIL TYPES, WATER TABLE ELEVATION AND DESIGN PROPERTIES AS NOTED ABOVE SHALL BE FIELD CONFIRMED AND APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO WALL CONSTRUCTION. 16. CONTRACTOR SHALL INSTALL CONCRETE CURB ALONG FACE OF BUILDING / WALL AS SHOWN TO PROVIDE CONSISTENT WIDTH ALONG LENGTH OF PROPOSED	STA STM TBR
1'	• THE CONTRACTOR MUST NOT PERFORM ANY EARTH MOVEMENT ACTIVITIES, DEMOLITION OR REMOVAL OF FOUNDATION WALLS, FOOTINGS, OR OTHER MATERIALS WITHIN THE LIMITS OF DISTURBANCE, UNLESS SAME IS IN STRICT ACCORDANCE AND CONFORMANCE WITH THE PROJECT PLANS AND SPECIFICATIONS, OR PURSUANT TO THE WRITTEN DIRECTION OF THE OWNER'S STRUCTURAL OR GEOTECHNICAL ENGINEER.	 CONTRACTOR SHALL REVIEW RETAINING WALL LOCATIONS VERSUS APPLICABLE STATE AND LOCAL CODES AND PROVIDE FALL PROTECTION (E.G. FENCING OR 	TBR/R TC
12	. DEMOLITION ACTIVITIES AND EQUIPMENT MUST NOT USE OR INCLUDE AREAS OUTSIDE THE DEFINED PROJECT LIMIT LINE, WITHOUT SPECIFIC WRITTEN PERMISSION AND AUTHORITY OF AND FROM THE OWNER AND ALL GOVERNMENTAL AGENCIES WITH JURISDICTION.	RAILING) IN ACCORDANCE WITH SAID CODE. 18. CONTRACTOR SHALL COORDINATE WITH OWNER/OPERATOR TO REVIEW EXISTING DEPRESSIONS WITHIN EXISTING PAVEMENT AREAS TO REMAIN AND SHALL	TW TPF TYP.
1:	. THE CONTRACTOR MUST BACKFILL ALL EXCAVATION RESULTING FROM, OR INCIDENTAL TO, DEMOLITION ACTIVITIES. BACKFILL MUST BE ACCOMPLISHED WITH APPROVED BACKFILL MATERIALS AND MUST BE SUFFICIENTLY COMPACTED TO SUPPORT ALL NEW IMPROVEMENTS AND MUST BE PERFORMED IN COMPLIANCE WITH THE RECOMMENDATIONS AND GUIDANCE ARTICULATED IN THE GEOTECHNICAL REPORT. BACKFILLING MUST OCCUR IMMEDIATELY AFTER DEMOLITION	CONFIRM THAT THE SCOPE OF WORK SHALL PROVIDE POSITIVE DRAINAGE BY FIXING ANY EXISTING AREAS OF PONDING. 19. 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.	UNG V.I.F.
	ACTIVITIES AND MUST BE PERFORMED SO AS TO PREVENT WATER ENTERING THE EXCAVATION. FINISHED SURFACES MUST BE GRADED TO PROMOTE POSITIVE DRAINAGE. THE CONTRACTOR IS RESPONSIBLE FOR COMPACTION TESTING AND MUST SUBMIT SUCH REPORTS AND RESULTS TO THE ENGINEER OF RECORD AND THE OWNER.	GENERAL DRAINAGE & UTILITY NOTES	W
14	. EXPLOSIVES MUST NOT BE USED WITHOUT PRIOR WRITTEN CONSENT FROM BOTH THE OWNER AND ALL APPLICABLE, NECESSARY AND REQUIRED GOVERNMENTAL AUTHORITIES, PRIOR TO COMMENCING ANY EXPLOSIVE PROGRAM AND/OR ANY DEMOLITION ACTIVITIES, THE CONTRACTOR MUST ENSURE AND OVERSET THE INDEXTAL AUTHORITIES, PRIOR TO COMMENCING ANY EXPLOSIVE PROGRAM AND/OR ANY DEMOLITION ACTIVITIES, THE CONTRACTOR MUST ENSURE AND OVERSET THE INDEXTAL AUTHORITIES, PRIOR TO COMMENCING ANY EXPLOSIVE PROGRAM AND/OR ANY DEMOLITION ACTIVITIES, THE CONTRACTOR MUST ENSURE AND OVERSET THE INDEXTAL AUTHORITIES, PRIOR TO COMMENCING ANY EXPLOSIVE PROGRAM AND/OR ANY DEMOLITION ACTIVITIES, THE CONTRACTOR MUST ENSURE AND OVERSET AUTHORITIES, PRIOR TO COMMENCING ANY EXPLOSIVE PROGRAM AND/OR ANY DEMOLITION ACTIVITIES, THE CONTRACTOR MUST ENSURE AND OVERSET AUTHORITIES, PRIOR TO COMMENCING ANY EXPLOSIVE PROGRAM AND/OR ANY DEMOLITION ACTIVITIES, THE CONTRACTOR MUST ENSURE AND	 THE GENERAL NOTES MUST BE INCLUDED AS PART OF THIS ENTIRE DOCUMENT PACKAGE AND ARE PART OF THE CONTRACT DOCUMENTS. THE GENERAL NOTES ARE REFERENCED HEREIN, AND THE CONTRACTOR MUST REFER TO THEM AND FULLY COMPLY WITH THESE NOTES, IN THEIR ENTIRETY. THE CONTRACTOR MUST BE FAMILIAR WITH AND ACKNOWLEDGE FAMILIARITY WITH ALL OF THE GENERAL NOTES AND ALL OF THE PLANS' SPECIFIC NOTES. 	
	OVERSEE THE INSTALLATION OF ALL OF THE REQUIRED PERMIT AND EXPLOSIVE CONTROL MEASURES THAT THE FEDERAL, STATE, AND LOCAL GOVERNMENTS REQUIRE. THE CONTRACTOR IS ALSO RESPONSIBLE TO CONDUCT AND PERFORM ALL INSPECTION AND SEISMIC VIBRATION TESTING THAT IS REQUIRED TO MONITOR THE EFFECTS ON ALL LOCAL STRUCTURES AND THE LIKE.	2. LOCATIONS OF ALL EXISTING AND PROPOSED SERVICES ARE APPROXIMATE, AND THE CONTRACTOR MUST INDEPENDENTLY VERIFY AND CONFIRM THOSE LOCATIONS AND SERVICES WITH LOCAL UTILITY COMPANIES PRIOR TO COMMENCING ANY CONSTRUCTION OR EXCAVATION. THE CONTRACTOR MUST	
 1	. IN ACCORDANCE WITH FEDERAL, STATE, AND/OR LOCAL STANDARDS, THE CONTRACTOR MUST USE DUST CONTROL MEASURES TO LIMIT AIRBORNE DUST AND DIRT RISING AND SCATTERING IN THE AIR. AFTER THE DEMOLITION IS COMPLETE, THE CONTRACTOR MUST CLEAN ALL ADJACENT STRUCTURES AND IMPROVEMENTS TO REMOVE ALL DUST AND DEBRIS WHICH THE DEMOLITION OPERATIONS CAUSE. THE CONTRACTOR IS RESPONSIBLE FOR RETURNING ALL	INDEPENDENTLY VERIFY AND CONFIRM ALL SANITARY CONNECTION POINTS AND ALL OTHER UTILITY SERVICE CONNECTION POINTS IN THE FIELD, PRIOR TO COMMENCING ANY CONSTRUCTION. THE CONTRACTOR MUST REPORT ALL DISCREPANCIES, ERRORS AND OMISSIONS IN WRITING, TO THE ENGINEER OF RECORD. 3. THE CONTRACTOR MUST VERTICALLY AND HORIZONTALLY LOCATE ALL UTILITIES AND SERVICES INCLUDING. BUT NOT LIMITED TO, GAS, WATER, ELECTRIC.	
VI 16	ADJACENT AREAS TO THEIR "PRE-DEMOLITION" CONDITION AT CONTRACTOR'S SOLE COST. PAVEMENT MUST BE SAW CUT IN STRAIGHT LINES. ALL DEBRIS FROM REMOVAL OPERATIONS MUST BE REMOVED FROM THE SITE AT THE TIME OF EXCAVATION. STOCKPILING OF DEBRIS OUTSIDE OF APPROVED AREAS WILL NOT BE PERMITTED. INCLUDING BUT NOT LIMITED TO. THE PUBLIC RIGHT-OF-WAY.	SANITARY AND STORM, TELEPHONE, CABLE, FIBER OPTIC CABLE, ETC. WITHIN THE LIMITS OF DISTURBANCE OR WORK SPACE, WHICHEVER IS GREATER. THE CONTRACTOR MUST USE, REFER TO, AND COMPLY WITH THE REQUIREMENTS OF THE APPLICABLE UTILITY NOTIFICATION SYSTEM TO LOCATE ALL OF THE UNDERGROUND UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ALL DAMAGE TO ANY EXISTING UTILITIES WHICH OCCUR DURING CONSTRUCTION,	
17	THE CONTRACTOR MUST MAINTAIN A RECORD SET OF PLANS WHICH INDICATES THE LOCATION OF EXISTING UTILITIES THAT ARE CAPPED, ABANDONED IN PLACE, OR RELOCATED DUE TO DEMOLITION ACTIVITIES. THIS RECORD DOCUMENT MUST BE PREPARED IN A NEAT AND WORKMAN-LIKE MANNER AND TURNED OVER TO	AT NO COST TO THE OWNER AND AT CONTRACTOR'S SOLE COST AND EXPENSE. THE CONTRACTOR MUST BEAR ALL COSTS ASSOCIATED WITH DAMAGE TO ANY EXISTING UTILITIES WHICH OCCURS DURING CONSTRUCTION.	
18	THE OWNER/DEVELOPER UPON COMPLETION OF THE WORK, ALL OF WHICH IS AT THE CONTRACTOR'S SOLE COST.	 THE CONTRACTOR MUST FIELD VERIFY THE PROPOSED INTERFACE POINTS (CROSSINGS) WITH EXISTING UNDERGROUND UTILITIES BY USING A TEST PIT TO CONFIRM EXACT DEPTH, PRIOR TO COMMENCEMENT OF CONSTRUCTION. STORMWATER ROOF DRAIN LOCATIONS ARE BASED ON ARCHITECTURAL PLANS. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING LOCATIONS OF SAME BASED 	
N 19	STATE, COUNTY AND LOCAL REQUIREMENTS, PRIOR TO CONTINUING CONSTRUCTION IN THE AREA AROUND THE TANK WHICH EMPTYING, CLEANING AND REMOVAL ARE AT THE CONTRACTOR'S SOLE COST. . THE CONTRACTOR MUST LOCATE AND CLEARLY DEFINE VERTICALLY AND HORIZONTALLY ALL ACTIVE AND INACTIVE UTILITY AND/OR SERVICE SYSTEMS THAT ARE	UPON FINAL ARCHITECTURAL PLANS. 6. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING SITE PLAN DOCUMENTS AND ARCHITECTURAL PLANS FOR EXACT BUILDING UTILITY CONNECTION	
	TO BE REMOVED. THE CONTRACTOR IS RESPONSIBLE TO PROTECT AND MAINTAIN ALL ACTIVE SYSTEMS THAT ARE NOT BEING REMOVED/RELOCATED DURING SITE ACTIVITY.	LOCATIONS; GREASE TRAP REQUIREMENTS; AND DETAILS, DOOR ACCESS, AND EXTERIOR GRADING. THE ARCHITECT WILL DETERMINE THE UTILITY SERVICE SIZES THE CONTRACTOR MUST COORDINATE INSTALLATION OF UTILITY SERVICES WITH THE INDIVIDUAL COMPANIES TO AVOID CONFLICTS AND TO ENSURE THAT PROPER DEPTHS ARE ACHIEVED. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT INSTALLATION OF ALL IMPROVEMENTS COMPLIES WITH ALL UTILITY REQUIREMENTS OF THE APPLICABLE JURISDICTION AND REGULATORY AGENCIES AND ALL OTHER APPLICABLE REQUIREMENTS, RULES, STATUTES, LAWS,	i.
20	CONTRACTOR SHALL FIELD LOCATE EXISTING UTILITIES PRIOR TO CONSTRUCTION AND IF REQUIRED, DIG EXPLORATORY TEST PITS TO CONFIRM EXACT LOCATION AND DEPTH OF UTILITIES. CONTRACTOR SHALL NOTIFY DESIGN ENGINEER WITH ANY CONFLICTS AS NEEDED TO COORDINATE FINAL LOCATION OF ALL PROPOSED IMPROVEMENTS.	ORDINANCES AND CODES AND, FURTHER, IS RESPONSIBLE FOR COORDINATING THE UTILITY TIE-INS/CONNECTIONS PRIOR TO CONNECTING TO THE EXISTING UTILITY/SERVICE. WHERE A CONFLICT(S) EXISTS BETWEEN THESE DOCUMENTS AND THE ARCHITECTURAL PLANS, OR WHERE ARCHITECTURAL PLAN UTILITY CONNECTION POINTS DIFFER, THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE ENGINEER OF RECORD, IN WRITING, AND PRIOR TO CONSTRUCTION, MUST	
2'	. CONTRACTOR SHALL INSPECT ALL EXISTING UTILITY STRUCTURES THAT ARE TO REMAIN FOR THE PROJECTS RE-USE TO VERIFY SUITABILITY FOR SAME. IF STRUCTURES CAN NOT BE REUSED THEN THE CONTRACTOR SHALL PROVIDE A NEW STRUCTURE. THE CONTRACTOR SHALL COORDINATE SUCH WORK WITH THE APPLICABLE UTILITY PROVIDER.	RESOLVE SAME. 7. ALL FILL, COMPACTION, AND BACKFILL MATERIALS REQUIRED FOR UTILITY INSTALLATION MUST BE EXACTLY AS PER THE RECOMMENDATIONS PROVIDED IN THE GEOTECHNICAL REPORT AND THE CONTRACTOR MUST COORDINATE SAME WITH THE APPLICABLE UTILITY COMPANY SPECIFICATIONS. WHEN THE PROJECT DOES	
2:	. CONTRACTOR TO REMOVE ANY BUILDING FOUNDATION REMAINS OR ASSOCIATED IMPROVEMENTS, DELETERIOUS MATERIALS, AND/OR DEBRIS THAT IMPEDE THE WORK SHOWN ON THESE PLANS.	NOT HAVE GEOTECHNICAL RECOMMENDATIONS, FILL AND COMPACTION MUST COMPLY WITH APPLICABLE OTILITY COMPART SPECIFICATIONS. WHEN THE PROJECT DOES NOT HAVE GEOTECHNICAL RECOMMENDATIONS, FILL AND COMPACTION MUST COMPLY WITH APPLICABLE REQUIREMENTS AND SPECIFICATIONS. ENGINEER OF RECORD AND BOHLER ARE NOT RESPONSIBLE FOR DESIGN OF TRENCH BACKFILL OR FOR COMPACTION REQUIREMENTS	
23	. THE CONTRACTOR SHALL REVIEW THE PLANS VERSUS THE LOCATION OF EXISTING STRUCTURES, UTILITIES AND APPURTENANCES IN THE FIELD TO CONFIRM ACCURACY OF SAME AND VERIFY ITEMS TO BE REMOVED. THE CONTRACTOR SHALL CARRY COSTS FOR REMOVAL OF ANY EXISTING STRUCTURES, APPURTENANCES, AND UNDERGROUND UTILITIES, INCLUDING BUT NOT LIMITED TO, DRAIN, WATER, SEWER, STEAM, IRRIGATION, GAS, TELECOM AND ELECTRIC.	8. DURING THE INSTALLATION OF SANITARY, STORM, AND ALL UTILITIES, THE CONTRACTOR MUST MAINTAIN A CONTEMPORANEOUS AND THOROUGH RECORD OF CONSTRUCTION TO IDENTIFY THE AS-INSTALLED LOCATIONS OF ALL UNDERGROUND INFRASTRUCTURE. THE CONTRACTOR MUST CAREFULLY NOTE ANY INSTALLATIONS THAT DEVIATE, IN ANY RESPECT, FROM THE INFORMATION CONTAINED IN THESE PLANS. THIS RECORD MUST BE KEPT ON A CLEAN COPY OF THE	
24	THE CONTRACTOR SHALL MAINTAIN, ADJUST OR ABANDON EXISTING MONITORING WELLS IN ACCORDANCE WITH THE DIRECTION OF THE ENVIRONMENTAL CONSULTANT (TYP.)	APPROPRIATE PLAN(S), WHICH THE CONTRACTOR MUST PROMPTLY PROVIDE TO THE OWNER IMMEDIATELY UPON THE COMPLETION OF WORK. 9. THE CONTRACTOR MUST ENSURE THAT ALL UTILITY TRENCHES LOCATED IN EXISTING PAVED ROADWAYS INCLUDING SANITARY, WATER AND STORM SYSTEMS, ARE REPAIRED IN ACCORDANCE WITH REFERENCED MUNICIPAL, COUNTY AND OR STATE DOT DETAILS AS APPLICABLE. THE CONTRACTOR MUST COORDINATE	
) 2	. WHERE THE LIMIT OF WORK COINCIDES WITH PROPERTY LINE, TREE LINE, PROPOSED SAWCUT OR COMBINATION THEREOF IT IS SHOWN ADJACENT TO THESE FEATURES FOR GRAPHICAL CLARITY.	INSPECTION AND APPROVAL OF COMPLETED WORK WITH THE AGENCY WITH JURISDICTION OVER SAME. 10. FINAL LOCATIONS OF PROPOSED UTILITY POLES, AND/ OR POLES TO BE RELOCATED ARE AT THE SOLE DISCRETION OF THE RESPECTIVE UTILITY COMPANY,	
2	EXISTING TREES TO REMAIN ARE TO BE PROTECTED DURING CONSTRUCTION UNLESS CLEARLY INDICATED OTHERWISE. REASONABLE CARE AND CAUTION SHALL BE TAKEN DURING CONSTRUCTION TO PREVENT DAMAGE AND SELECTIVE PRUNING MAY BE REQUIRED TO ENSURE THAT TREES DO NOT CONFLICT WITH THE DEVELOPMENT.	REGARDLESS OF WHAT THIS PLAN DEPICTS. 11. WATER SERVICE MATERIALS, BURIAL DEPTH, AND COVER REQUIREMENTS MUST BE SPECIFIED BY THE LOCAL UTILITY COMPANY. THE CONTRACTOR MUST CONTACT THE APPLICABLE MUNICIPALITY TO CONFIRM THE PROPER WATER METER AND VAULT. PRIOR TO COMMENCING CONSTRUCTION.	
2	CONTRACTOR SHALL REPAIR/REPLACE ANY TRAFFIC LOOP DETECTORS THAT ARE DAMAGED DURING CONSTRUCTION WITHIN EXISTING OR PROPOSED RIGHTS OF WAYS. ANY SUCH WORK SHALL BE PERFORMED BY A LICENSED / DOT APPROVED SIGNAL CONTRACTOR. ANY DAMAGED LOOPS OR OTHER SIGNAL EQUIPMENT SHALL BE REPAIRED IMMEDIATELY AFTER THE WORK IS COMPLETE. THE SIGNAL CONTRACTOR SHALL BE AVAILABLE TO MAKE ANY TEMPORARY SIGNAL CHANGES	 THE TOPS OF EXISTING MANHOLES, INLET STRUCTURES, AND SANITARY CLEANOUT MUST BE ADJUSTED, AS NECESSARY, TO MATCH PROPOSED FINISHED GRADES WITH NO TRIPPING OR SAFETY HAZARD IN ACCORDANCE WITH ALL APPLICABLE STANDARDS, REQUIREMENTS, RULES, STATUTES, LAWS, ORDINANCES AND CODES 	
2	IF REQUESTED BY DOT AND/OR THE MUNICIPALITY. THE CONTRACTOR MUST FIELD VERIFY THE LOCATIONS WHERE PROPOSED UTILITIES CROSS EXISTING UNDERGROUND UTILITIES BY USING A TEST PIT TO	13. THE CONTRACTOR'S PRICE FOR WATER AND SEWER SERVICE INSTALLATIONS MUST INCLUDE ALL FEES, COSTS, AND APPURTENANCES REQUIRED BY THE UTILITY PROVIDER (AND OTHER AGENCIES HAVING JURISDICTION OVER THE WORK) TO PROVIDE FULL AND COMPLETE WORKING SERVICE, INCLUDING (BUT NOT LIMITED	
N = 2!	DETERMINE THE EXACT SIZE, DEPTH AND LOCATION, PRIOR TO COMMENCEMENT OF CONSTRUCTION.	 TO) NECESSARY FEES, TESTING, DISINFECTING, INSPECTIONS, ROAD OPENING & BACKFILL REQUIREMENTS, TRAFFIC CONTROL AND SURETY BONDS AS DEFINED BY THE PROVIDER (AND OTHER AGENCIES HAVING JURISDICTION OVER THE WORK). ALL WORK ASSOCIATED WITH UTILITY POLES, OVERHEAD WIRES AND ANY/ALL APPURTENANCES SHALL BE COORDINATED BY THE GC WITH THE LOCAL UTILITY 	
(ARE TO BE TERMINATED IN ACCORDANCE WITH MUNICIPAL / STATE TRANSPORTATION DEPARTMENT REQUIREMENTS.	COMPANIES PRIOR TO THE ORDERING OF ANY MATERIALS. THIS MAY INCLUDE BUT IS NOT LIMITED TO THE REMOVAL, INSTALLATION, RELOCATION OR PROTECTION OF ANY BRACING, GUY WIRES, OVERHEAD WIRES, ETC. AS MAY BE REQUIRED TO ACCOMMODATE THE PROJECT.	1
1.	THE GENERAL NOTES MUST BE INCLUDED AS PART OF THIS ENTIRE DOCUMENT PACKAGE AND ARE PART OF THE CONTRACT DOCUMENTS. THE GENERAL NOTES ARE REFERENCED HEREIN, AND THE CONTRACTOR MUST REFER TO THEM AND FULLY COMPLY WITH THESE NOTES, IN THEIR ENTIRETY. THE CONTRACTOR MUST BE FAMILIAR WITH AND ACKNOWLEDGE FAMILIARITY WITH ALL OF THE GENERAL NOTES AND ALL OF THE PLANS' SPECIFIC NOTES.	15. SEWERS CONVEYING SANITARY FLOW, OR INDUSTRIAL FLOW MUST BE SEPARATED FROM WATER MAINS BY A DISTANCE OF AT LEAST 10 FEET HORIZONTALLY. IF SUCH LATERAL SEPARATION IS NOT POSSIBLE, THE PIPES MUST, AT A MINIMUM, BE IN SEPARATE TRENCHES WITH THE AT LEAST 18 INCHES OF VERTICAL SEPARATION FROM THE BOTTOM OF THE WATER MAIN TO THE TOP OF THE SEWER LINE. WHERE APPROPRIATE SEPARATION FROM A WATER MAIN IS NOT POSSIBLE, THE SEWER MUST BE ENCASED IN CONCRETE, OR CONSTRUCTED OF DUCTILE IRON PIPE USING MECHANICAL OR SLIP-ON JOINTS FOR A DISTANCE OF	
2.		AT LEAST 10 FEET ON EITHER SIDE OF THE CROSSING. IN ADDITION, ONE FULL LENGTH OF SEWER PIPE SHOULD BE LOCATED SO BOTH JOINTS FOR A DISTANCE OF FROM THE WATER LINE AS POSSIBLE. WHERE A WATER MAIN CROSSES UNDER A SANITARY SEWER, ADEQUATE STRUCTURAL SUPPORT FOR THE SANITARY SEWER MUST BE PROVIDED. ALL CROSSINGS SHALL BE IN ACCORDANCE WITH JURISDICTIONAL PERMITTING/UTILITY AUTHORITIES REGULATIONS.	
	APPLICABLE AND/OR APPROPRIATE AGENCIES' GUIDELINES TO PREVENT SEDIMENT AND/OR LOOSE DEBRIS FROM WASHING ONTO ADJACENT PROPERTIES OR THE RIGHT OF WAY.	16. WHEN THESE PLANS INVOLVE MULTIPLE BUILDINGS, SOME OF WHICH MAY BE BUILT AT A LATER DATE, THE CONTRACTOR MUST EXTEND ALL UTILITY SERVICES, INCLUDING BUT NOT LIMITED TO STORM, SANITARY, UTILITIES, AND IRRIGATION LINES, TO A POINT AT LEAST FIVE (5) FEET BEYOND THE PAVED AREAS FOR WHICH	
, 3.	ALL DIRECTIONAL/TRAFFIC SIGNING AND PAVEMENT STRIPING MUST CONFORM TO THE LATEST STANDARDS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND ANY APPLICABLE STATE OR LOCALLY APPROVED SUPPLEMENTS, GUIDELINES, RULES, REGULATIONS, STANDARDS AND THE LIKE.	THE CONTRACTOR IS RESPONSIBLE. THE CONTRACTOR MUST CAP ENDS OF INSTALLED UTILITIES AS APPROPRIATE, MARK UTILITY ENDS WITH MAGENTIC TRACER TAPE, MARK TERMINOUS LOCATIONS WITH A 2X4 STAKE, AND MUST NOTE THE LOCATION OF ALL UTILITY STUBS ON A CLEAN COPY OF THE PLAN. THIS RECORD DOCUMENT MUST BE PREPARED IN A NEAT AND WORKMAN-LIKE MANNER AND TURNED OVER TO THE OWNER/DEVELOPER UPON COMPLETION OF THE WORK, ALL OF WHICH IS AT THE CONTRACTOR'S SOLE COST.	
4 C	THE LOCATIONS OF PROPOSED UTILITY POLES AND TRAFFIC SIGNS SHOWN ON THE PLANS ARE SCHEMATIC AND PRELIMINARY. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR FIELD-VERIFYING THEIR LOCATION. THE CONTRACTOR MUST COORDINATE THE RELOCATION OF TRAFFIC SIGNS WITH THE ENTITY WITH JURISDICTION OVER THE PROJECT.	OF WHICH IS AT THE CONTRACTOR'S SOLE COST. 17. STORM AND SANITARY PIPE LENGTHS INDICATED ARE NOMINAL AND ARE MEASURED FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE UNLESS INDICATED ON THE PLANS OTHERWISE.	
5.	ALL DIMENSIONS SHOWN ARE TO BOTTOM FACE OF CURB, EDGE OF PAVEMENT, OR EDGE OF BUILDING, EXCEPT WHEN DIMENSION IS TO A PROPERTY LINE, STAKE OUT OF LOCATIONS OF INLETS, LIGHT POLES, ETC. MUST BE PERFORMED IN STRICT ACCORDANCE WITH THE DETAILS, UNLESS NOTED CLEARLY OTHERWISE.	18. UNLESS INDICATED OTHERWISE, ALL NEW UTILITIES/SERVICES, INCLUDING ELECTRIC, TELEPHONE, CABLE TV, ETC., MUST BE INSTALLED UNDERGROUND. ALL NEW UTILITY SERVICES MUST BE INSTALLED IN ACCORDANCE WITH THE UTILITY SERVICE PROVIDER INSTALLATION SPECIFICATIONS AND STANDARDS.	,
6.	WHEN APPLICABLE, OWNER/ OPERATOR MUST FILE THE NOI FOR NPDES PERMITS AT APPROPRIATE AND/OR REQUIRED TIMEFRAMES BASED UPON THE DESIRED START OF CONSTRUCTION. LAND DISTURBING ACTIVITIES MUST NOT COMMENCE UNTIL APPROVAL TO DO SO HAS BEEN RECEIVED FROM GOVERNING AUTHORITIES (INCLUDING STORMWATER POLLUTION PREVENTION PLAN). THE CONTRACTOR MUST STRICTLY ADHERE TO THE APPROVED SWPPP PLAN DURING CONSTRUCTION OPERATIONS (IF PROVIDED).	 SANITARY PIPE MUST BE POLYVINYL CHLORIDE (PVC) SDR 35 EXCEPT WHERE CLEARLY INDICATED OTHERWISE. SANITARY LATERAL(S) MUST BE PVC SDR 26 UNLESS CLEARLY INDICATED OTHERWISE. UNLESS CLEARLY INDICATED OTHERWISE, ALL STORM PIPE MUST BE REINFORCED CONCRETE PIPE (RCP) CLASS III WITH SILT/SOIL TIGHT JOINTS. WHEN 	
7.	CONSTRUCTION OPERATIONS (IF PROVIDED). ALL CONCRETE MUST BE AIR ENTRAINED AND INCLUDE THE MINIMUM COMPRESSIVE STRENGTH OF JURISDICTIONAL STANDARD PSI AT 28 DAYS (OR 4,000 PSI) UNLESS OTHERWISE NOTED ON THE PLANS, DETAILS AND/OR GEOTECHNICAL REPORT.	20. UNLESS CLEARLY INDICATED OTHERWISE, ALL STORM PIPE MUST BE REINFORCED CONCRETE PIPE (RCP) CLASS III WITH SILT/SOIL TIGHT JOINTS. WHEN HIGH-DENSITY POLYETHYLENE PIPE (HDPE) IS CALLED FOR ON THE PLANS, IT MUST CONFORM TO AASHTO M252 FOR PIPES 4" TO 10" AND TO AASHTO M294 FOR PIPES 12" TO 60" AND TYPE S (SMOOTH INTERIOR WITH ANGULAR CORRUGATIONS) WITH GASKET FOR SILT/SOIL TIGHT JOINT. PIPE FOR ROOF DRAIN CONNECTION MUST BE HDPE SDR 26 OR PVC SCHEDULE 40 UNLESS INDICATED OTHERWISE. HDPE PIPE JOINT GASKETS MUST BE PROVIDED AND CONFORM TO ASTM F477.	
8	THE CONTRACTOR MUST FILE SITE SIGNAGE APPLICATION OR PERMIT UNDER SEPARATE APPLICATION UNLESS DONE SO AS PART OF JURISDICTIONAL PERMITTING PROCEDURES.	DRAIN PIPE INSTALLED WITH OVER TEN (10) FEET OVER COVER AND/OR IN HIGH GROUNDWATER CONDITIONS SHALL BE SANITITE HP POLYPROPOPYLENE PIPE (PP), OR APPROVED EQUIVALENT.	
9.	THE CONTRACTOR MUST REPAIR OR REPLACE, AT THE CONTRACTOR'S SOLE COST AND EXPENSE, ALL SIDEWALKS, CURBS, PAVEMENT MARKINGS, AND PAVEMENT DAMAGED BY CONSTRUCTION ACTIVITIES WHETHER SPECIFIED ON THIS PLAN OR NOT.	 UNLESS CLEARLY INDICATED OTHERWISE ALL SANITARY PIPE MUST BE: FOR PIPES LESS THAN 12 FEET DEEP: POLYVINYL CHLORIDE (PVC) SDR 35 PER ASTM D3034. FOR PIPES GREATER THAN 12 FEET DEEP: POLYVINYL CHLORIDE (PVC) SDR 26 PER ASTM D3034. UNLESS LOCAL OR STATE BUILDING / PLUMBING CODE CLEARLY SPECIFIES DIFFERENTLY, SANITARY LATERALS MUST BE PVC SDR 26. 	
	. WORK WITHIN THE RIGHT-OF-WAY MUST BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE REQUIREMENTS AND STANDARDS OF THE DEPARTMENT OF PUBLIC WORKS, ENGINEERING DEPARTMENT, HIGHWAY DIVISION, AND/OR STATE DOT HIGHWAY DEPARTMENT.	21.4. FOR ALL UTILITY PIPING (INCLUDING DRAIN) WITHIN 10 FT OF A BUILDING, PIPE MATERIAL SHALL COMPLY WITH APPLICABLE LOCAL OR STATE BUILDING AND PLUMBING CODES. CONTRACTOR SHALL REFER TO PLUMBING ENGINEERING PLANS AND VERIFY PIPE MATERIAL WITH LOCAL OFFICIAL PRIOR TO ORDERING OF MATERIALS.	
1'	. WHERE RETAINING WALLS ARE IDENTIFIED ON THE PLANS, TOP AND BOTTOM OF WALL WIDTHS DO NOT REPRESENT THE ACTUAL WIDTH OF THE PROPOSED WALL, RATHER THEY ARE AN ASSUMPTION BASED ON WALL TYPE AND WALL HEIGHT. WALL FOOTINGS AND /OR FOUNDATIONS ARE NOT IDENTIFIED HEREIN AND ARE TO BE SET/DETERMINED BY THE CONTRACTOR OR WALL DESIGNER, AND MUST BE SET BASED UPON FINAL STRUCTURAL DESIGN SHOP DRAWINGS PREPARED BY THE ADDRODUCTOR AND ADDRODUCTION AND ADDRODUCTION AND ADDRODUCTION AND ADDRODUCTION AND ADDRODUCTION AND ADDRODUCTION AND ADDRODUCTION REPRESENTED AND ADDRODUCTION AND ADDRODUCTION AND ADDRODUCTION ADDRODUCTION AND ADDRODUCTION AND ADDRODUCTION AND ADDRODUCTION AND ADDRODUCTION AND ADDRODUCTION AND ADDRODUCTION ADDRODUCTION AND ADDRODUCTION AND ADDRODUCTION AND ADDRODUCTION ADDRODUCTION AND ADDRODUCTION AND ADDRODUCTION AND ADDRODUCTION AND ADDRODUCTION AND ADDRODUCTION ADDRODUCT	21.5. CONTRACTOR SHALL VERIFY THE CONNECTION OF EXTERIOR PIPING TO ANY FIXTURES (SUCH AS AN EXTERIOR GREASE INTERCEPTOR) OR OTHER DRAINAGE SYSTEMS WITH LOCAL OFFICIALS FOR COMPLIANCE WITH APPLICABLE LOCAL OR STATE BUILDING AND PLUMBING CODES PRIOR TO ORDERING OF MATERIALS	
२	APPROPRIATE PROFESSIONAL LICENSED IN THE STATE WHERE THE CONSTRUCTION OCCURS. THE CONTRACTOR MUST ENSURE THAT AN APPROPRIATELY LICENSED PROFESSIONAL DESIGNS ALL WALLS SHOWN HEREON AND PRIOR TO CONSTRUCTION. REFER TO GRADING NOTES REGARDING RETAINING WALL DESIGN.	22. WATER MAIN PIPING MUST BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS AND SPECIFICATIONS OF THE LOCAL WATER COMPANY. IN THE ABSENCE OF SUCH REQUIREMENTS, WATER MAIN PIPING MUST BE CEMENT-LINED DUCTILE IRON (DIP) MINIMUM CLASS 52 THICKNESS. ALL PIPE AND APPURTENANCES MUST COMPLY WITH THE APPLICABLE AWWA STANDARDS IN EFFECT AT THE TIME OF APPLICATION.	
12	CONTRACTOR IS CAUTIONED OF EXISTING UTILITY SERVICES TO REMAIN IN PROXIMITY TO PROPOSED BOLLARDS AND SIGNS. CONTRACTOR SHALL PROVIDE FIELD	23. GAS METERS MUST BE PROTECTED AS REQUIRED BY THE JURISDICTIONAL GAS PROVIDER.	

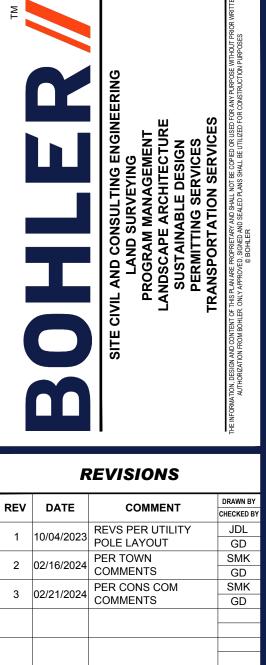
- MODIFICATION LOCATIONS OF BOLLARDS AND BOLLARDS WITH SIGNAGE AS NEEDED TO AVOID CONFLICTS WITH EXISTING UTILITY SERVICES TO REMAIN

HEREUNDER

ABBREVIATIONS

KEY	DESCRIPTION
RCH	ARCHITECT
C	BACK OF CURB
BM	BENCHMARK
OC	BOTTOM OF CURB
W	BOTTOM OF WALL
LDG	BUILDING
ONC.	CONCRETE
DEC	DECORATIVE
	DEGREE
DEP	DEPRESSED
) / DIA	DIAMETER
MH	DRAIN MANHOLE
IP	DUCTILE IRON PIPE
OP	EDGE OF PAVEMENT
LEV	ELEVATION
XIST.	EXISTING
F	FINISH FLOOR
FE	FINISH FLOOR ELEVATION
iC	GENERAL CONTRACTOR
iRT	GRATE
DPE	HIGH DENSITY POLYETHYLENE PIPE
Р	HIGH POINT
IT	INTERSECTION
V	INVERT
S.A.	LANDSCAPE AREA
DD	LIMIT OF DISTURBANCE
SW	LIMIT OF WORK
:	LINEAR FOOT / FEET
>	LOW POINT
IAX	MAXIMUM
1EP	MECHANICAL, ELECTRICAL,
	PLUMBING
1E	MEET OR MATCH EXISTING
1IN	MINIMUM
o. / #	NUMBER
	PLUS OR MINUS
С	POINT OF CURVATURE
I	POINT OF INTERSECTION
Т	POINT OF TANGENCY
VI	POINT OF VERTICAL INTERSECTION
VC	POLYVINYL CHLORIDE PIPE
ROP.	PROPOSED
	RADIUS OR RADII
СР	REINFORCED CONCRETE PIPE
0.W.	RIGHT-OF-WAY
AN	SANITARY
МН	SEWER MANHOLE
	SLOPE
F	SQUARE FOOT
ГА	STATION
ΓM	STORM
3R	TO BE REMOVED
BR/R	TO BE REMOVED AND REPLACED
C	TOP OF CURB
Ŵ	TOP OF WALL
	TREE PROTECTION FENCE
YP.	
NG	
.I.F.	VERIFY IN FIELD

	EXISTING			
PROPERTY LINE	PROPOSED			
ADJACENT PROPERTY	EXISTING			
INE	PROPOSED			
	EXISTING			
RIGHT-OF-WAY LINE	PROPOSED			
SETBACK OR BUFFER	EXISTING			
	PROPOSED EXISTING			
ASEMENT LINE				
	PROPOSED			
VETLAND BOUNDARY	EXISTING	· · ·	•	
	PROPOSED			
VETLAND BUFFER	EXISTING	· · ·	•	• • •
	PROPOSED			
VATER WAY BOUNDARY	EXISTING		<u> </u>	
	PROPOSED			
VATERWAY BUFFER	EXISTING			••••
	PROPOSED			
VETLAND OR	EXISTING			
VATERWAY FLAG	PROPOSED			
IGHT-OF-WAY CENTER	EXISTING			
OR BASE LINE	PROPOSED			
PPROX. LIMIT OF WORK	EXISTING			
R DISTURBANCE	PROPOSED			
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ETAINING WALL ONTOURS WALE	EXISTING PROPOSED EXISTING PROPOSED EXISTING PROPOSED EXISTING		STOCKADE	RAILING X 50
ETAINING WALL CONTOURS WALE	EXISTING PROPOSED EXISTING PROPOSED EXISTING PROPOSED EXISTING PROPOSED		STOCKADE	RAILING X 50
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W2012

CMC / OCF

07/20/20

PROJECT No.: DRAWN BY: CHECKED BY: DATE: CAD I.D.: W201257.02-SPPD-3

PROJECT:

PROPOSED SITE **PLAN DOCUMENTS**

— FOR — MAPLE STREET

SOLAR LLC PROPOSED

SOLAR FARM - SOUTH 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

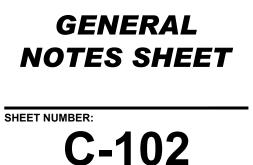


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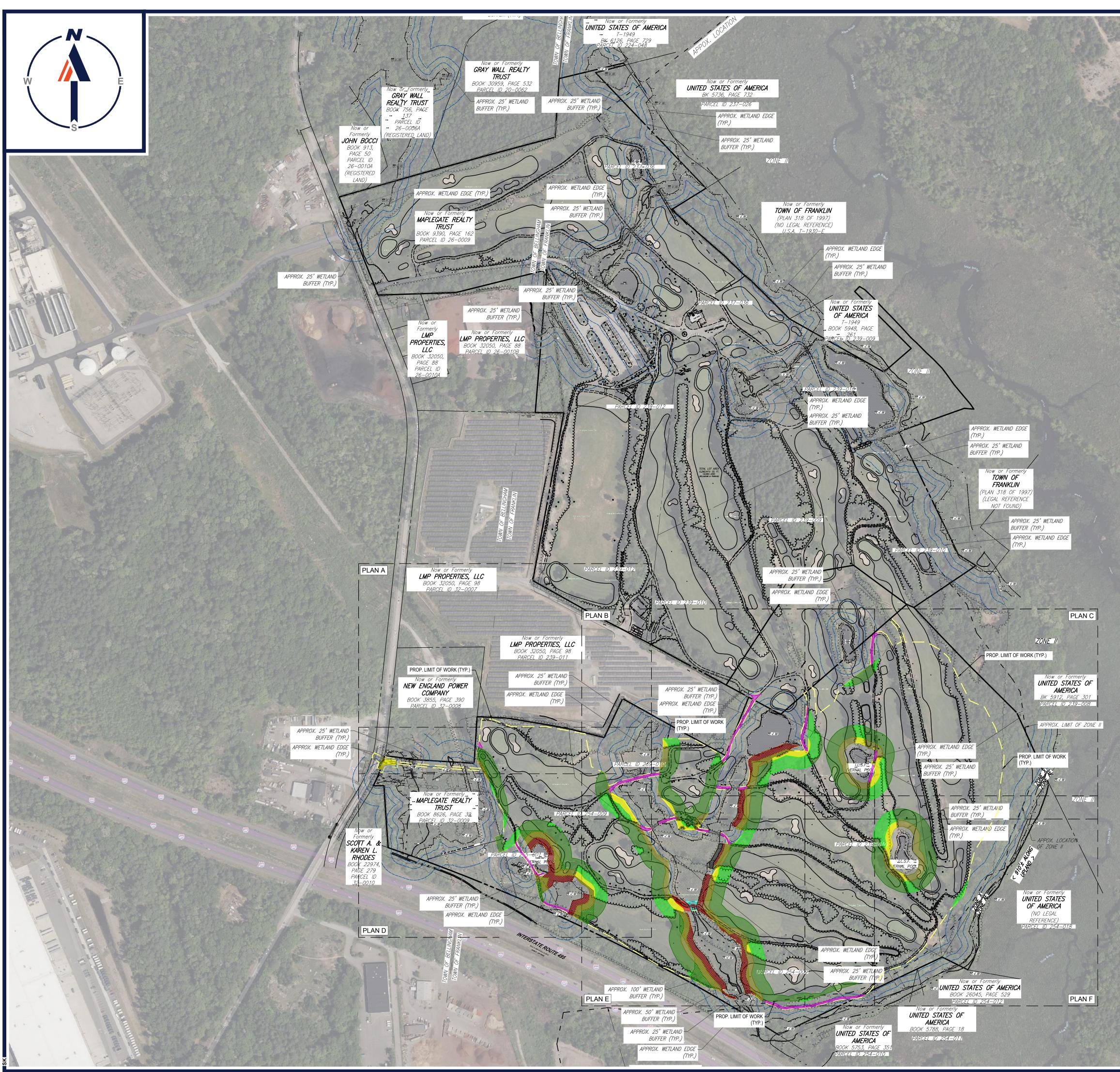
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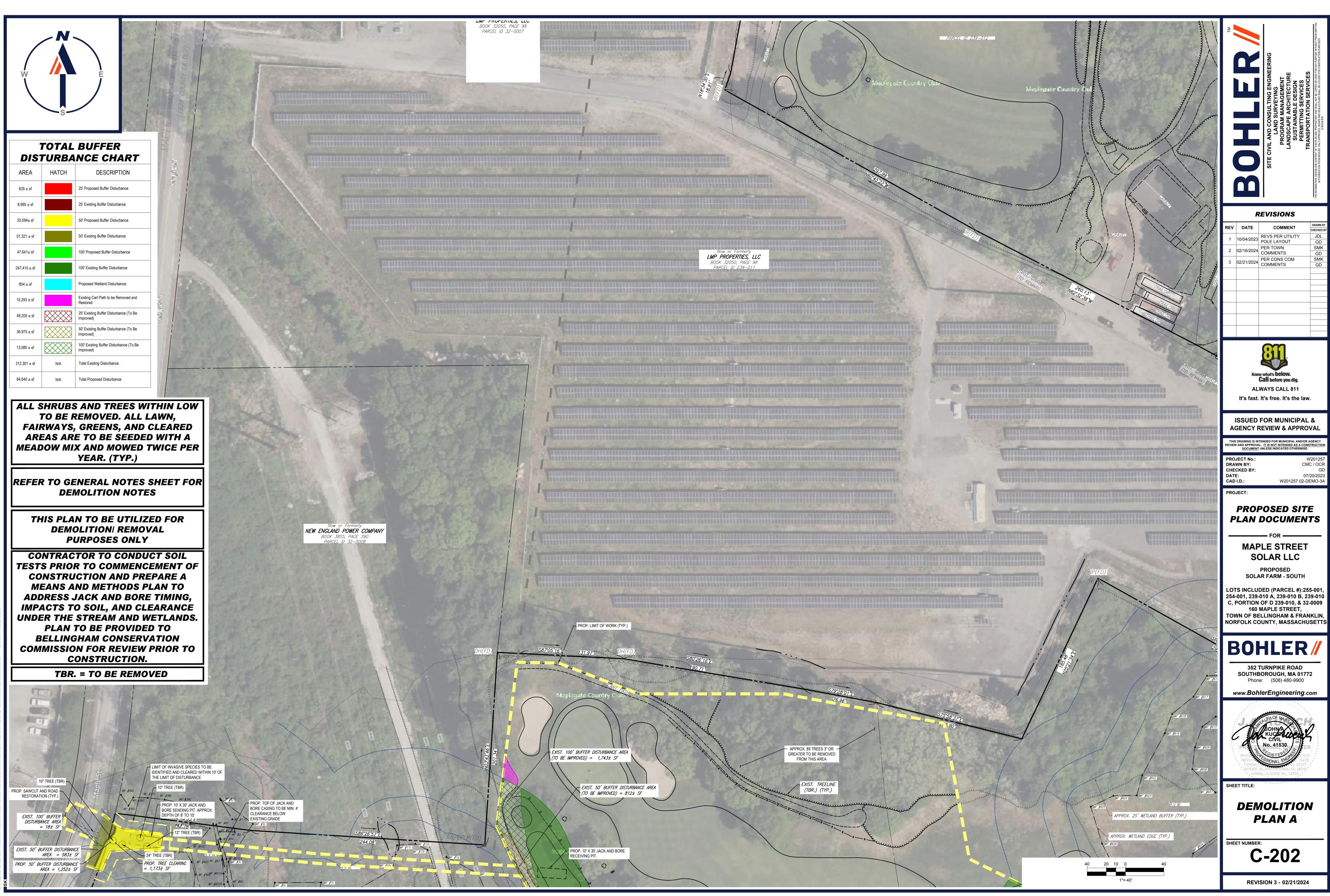
REFER TO SITE LAYOUT PLAN FOR ZONING ANALYSIS TABLE AND LAND USE / ZONING INFORMATION & NOTES

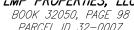
REFER TO EROSION AND SEDIMENT CONTROL NOTES & DETAILS SHEET FOR TYPICAL EROSION NOTES AND DETAILS

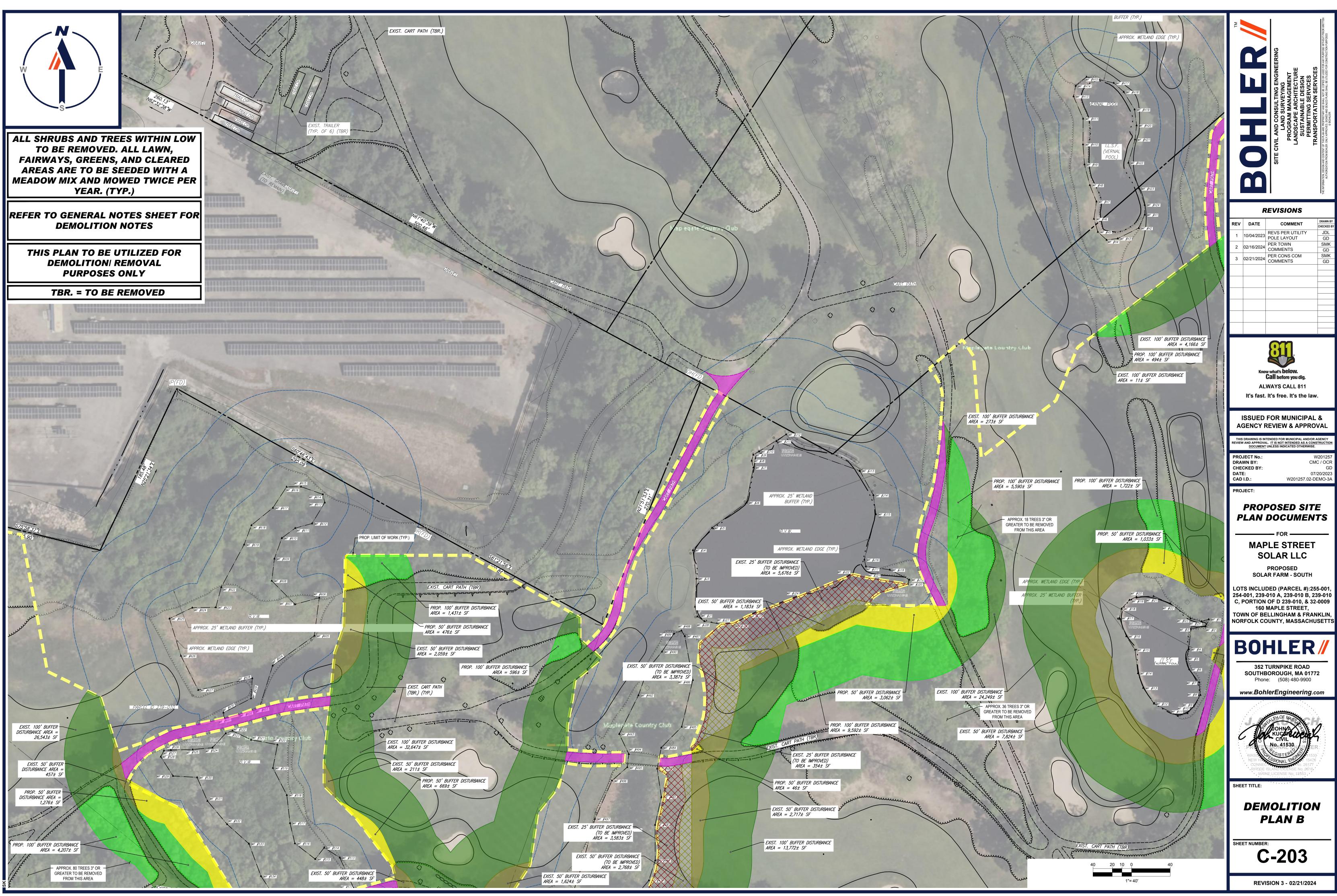


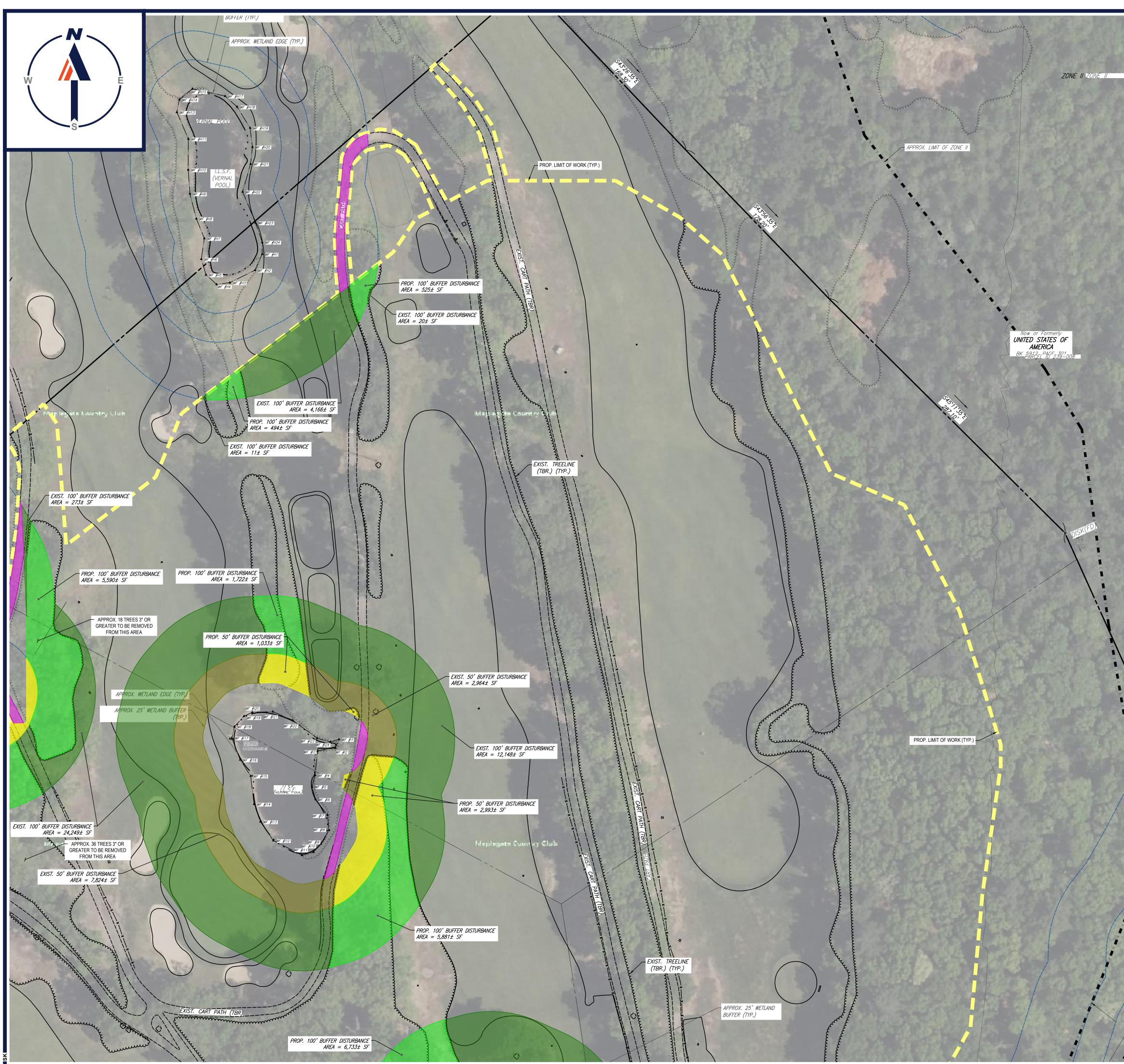
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				REV DATE COMMENT 1 10/04/2023 REVS PER UTILITY POLE LAYOUT JDL			
	RET			2 02/16/2024 PER TOWN SMK COMMENTS GD			
				3 02/21/2024 PER CONS COM SMK COMMENTS GD			
1	S. S.S.						
			BUFFER NCE CHART				
	AREA		DESCRIPTION				
	635 ± sf		25' Proposed Buffer Disturbance				
	8.995 ± sf		25' Existing Buffer Disturbance	011			
	20,594± sf		50' Proposed Buffer Disturbance				
	51,321 ± sf		50' Existing Buffer Disturbance	Know what's below. Call before you dig.			
	47,641± sf		100' Proposed Buffer Disturbance	ALWAYS CALL 811 It's fast. It's free. It's the law.			
	247,410 ± sf		100' Existing Buffer Disturbance				
	854 ± sf		Proposed Wetland Disturbance	ISSUED FOR MUNICIPAL & AGENCY REVIEW & APPROVAL			
	15,293 ± sf		Existing Cart Path to be Removed and	THIS DRAWING IS INTENDED FOR MUNICIPAL AND/OR AGENCY REVIEW AND APPROVAL. IT IS NOT INTENDED AS A CONSTRUCTION DOCUMENT LINESS INDICATED OTUPDWEST			
	49,205 ± sf		Restored 25' Existing Buffer Disturbance (To Be	DOCUMENT UNLESS INDICATED OTHERWISE.			
	36,975 ± sf		Improved) 50' Existing Buffer Disturbance (To Be	DRAWN BY: CMC / OCR CHECKED BY: GD DATE: 07/20/2023			
	13,080 ± sf		Improved) 100' Existing Buffer Disturbance (To Be	CAD I.D.: W201257.02-DEMO-3A PROJECT: PROJECT:			
	312,301 ± sf	N/A	Improved) Total Existing Disturbance	PROPOSED SITE			
	84,640 ± sf	N/A	Total Proposed Disturbance	PLAN DOCUMENTS			
	,						
			'HE OVERALL PLAI TILIZED AS A SITE				
KEY	MAP, T	O PROV	IDE SITE FEATURI	PROPOSED			
			PLEASE REFER TO SHEET FOR MORE				
		INFORM	IATION.	254-001, 239-010 Å, 239-010 Å, 239-010 C, PORTION OF D 239-010, & 32-0009 160 MAPLE STREET,			
		_	IN THE LIMIT OF E REMOVED. AN	TOWN OF BELLINGHAM & FRANKLIN, NORFOLK COUNTY, MASSACHUSETTS			
	VERAG	GE OF 2.	.4 TREES OF 3"				
_			ATER SHALL BE ,000SF OF TREE	BOHLER			
REN	MOVAL	AREA.	APPROXIMATELY	352 TURNPIKE ROAD			
1,118	IREES	SARE I SI1	O BE REMOVED ON TE.	SOUTHBOROUGH, MA 01772 Phone: (508) 480-9900			
			REES WITHIN LOV	www.BohlerEngineering.com			
			ED. ALL LAWN, NS, AND CLEARED	NTH OF MASS			
ARI	EAS AR	ΕΤΟΒΙ	E SEEDED WITH A	JOHNA KUCKALL			
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		1'	REVISION 3 - 02/21/2024				

ZONE II





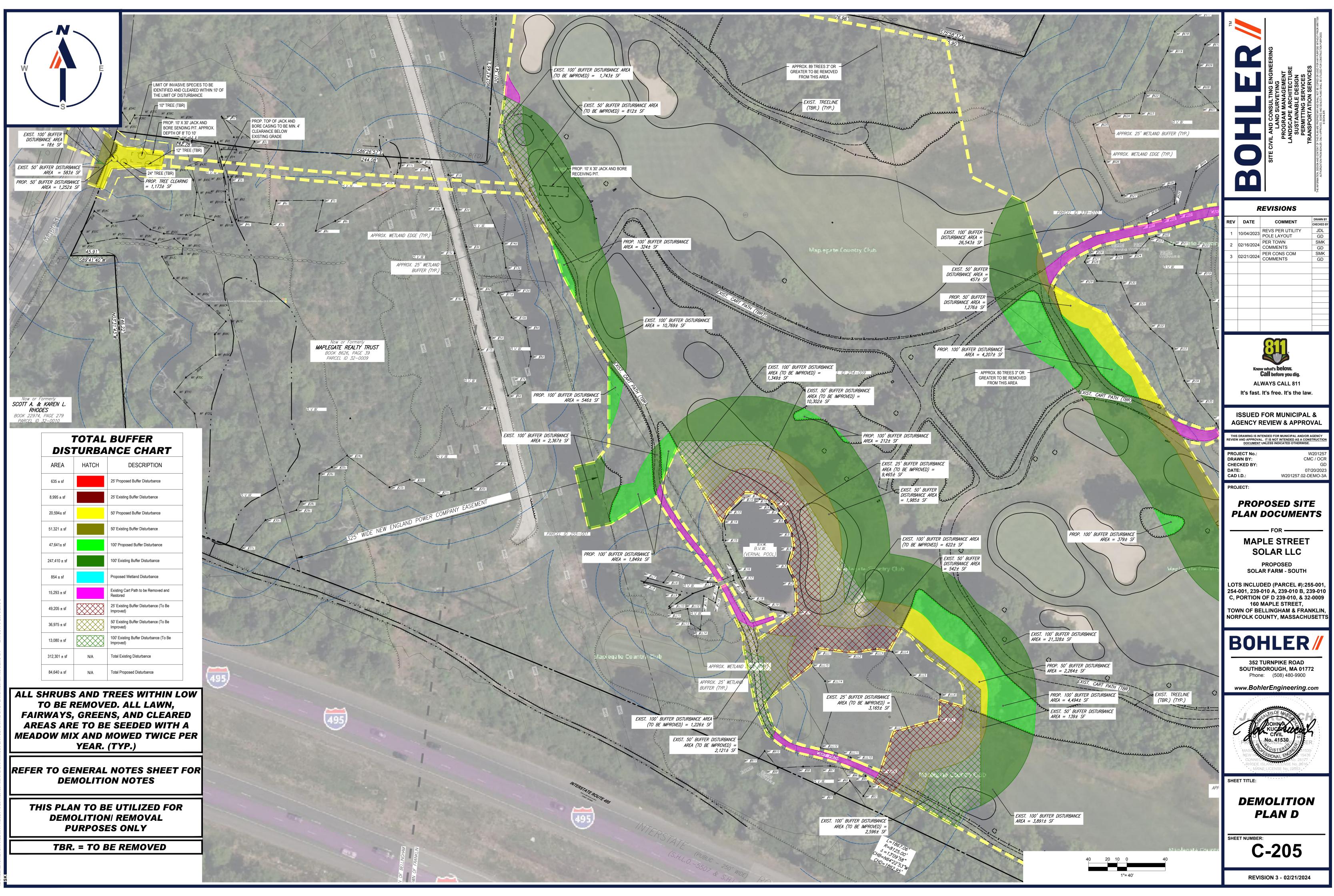


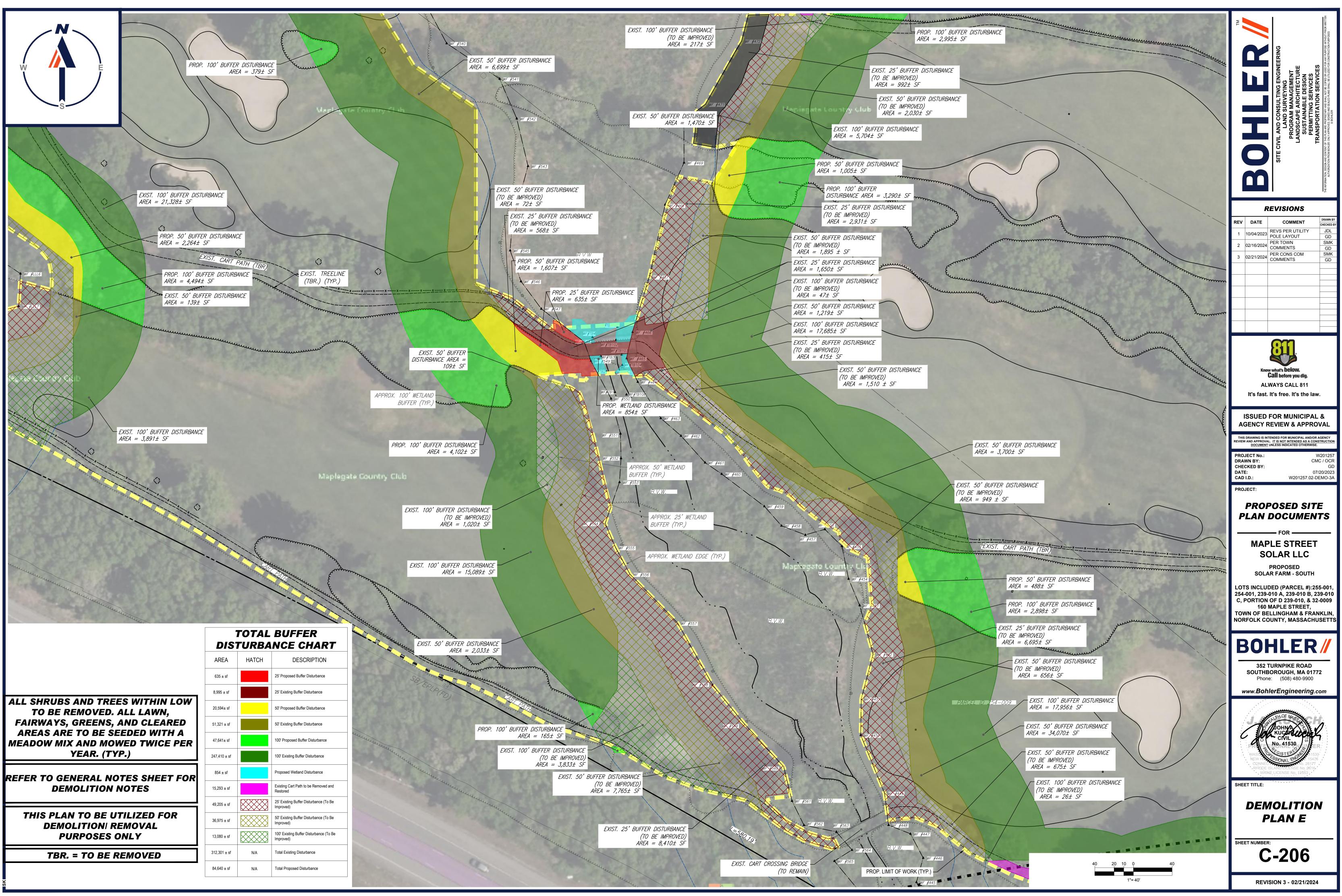


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				REVISIONS
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				Know what's below. Call before you dig. ALWAYS CALL 811 It's fast. It's free. It's the law. SSUED FOR MUNICIPAL & AGENCY REVIEW & APPROVAL
		-	BUFFER NCE CHART	DOCUMENT UNLESS INDICATED OTHERWISE. PROJECT No.: W201257
1	AREA	НАТСН	DESCRIPTION	DRAWN BY: CMC / OCR CHECKED BY: GD DATE: 07/20/2023
1	635 ± sf		25' Proposed Buffer Disturbance	CAD I.D.: W201257.02-DEMO-3A PROJECT: PROJECT:
N.	8,995 ± sf		25' Existing Buffer Disturbance	PROPOSED SITE
	20,594± sf		50' Proposed Buffer Disturbance	PLAN DOCUMENTS
	51,321 ± sf		50' Existing Buffer Disturbance	MAPLE STREET
	47,641± sf		100' Proposed Buffer Disturbance	SOLAR LLC
/	247,410 ± sf		100' Existing Buffer Disturbance	PROPOSED SOLAR FARM - SOUTH
	854 ± sf		Proposed Wetland Disturbance Existing Cart Path to be Removed and	LOTS INCLUDED (PARCEL #):255-001, 254-001, 239-010 A, 239-010 B, 239-010
	15,293 ± sf		25' Existing Buffer Disturbance (To Be	C, PORTION OF D 239-010, & 32-0009 160 MAPLE STREET, TOWN OF BELLINGHAM & FRANKLIN,
	49,205 ± sf 36,975 ± sf		Improved) 50' Existing Buffer Disturbance (To Be	NORFOLK COUNTY, MASSACHUSETTS
	13,080 ± sf		Improved) 100' Existing Buffer Disturbance (To Be Improved)	BOHLER //
	312,301 ± sf	N/A	Total Existing Disturbance	352 TURNPIKE ROAD
	84,640 ± sf	N/A	Total Proposed Disturbance	SOUTHBOROUGH, MA 01772 Phone: (508) 480-9900
FA AR MEA REFE	IRWAYS REAS AR DOW MI	REMOVI , GREEI E TO BI X AND YEAR. ENERAL MOLITIC	R R R R R R R R R R R R R R	
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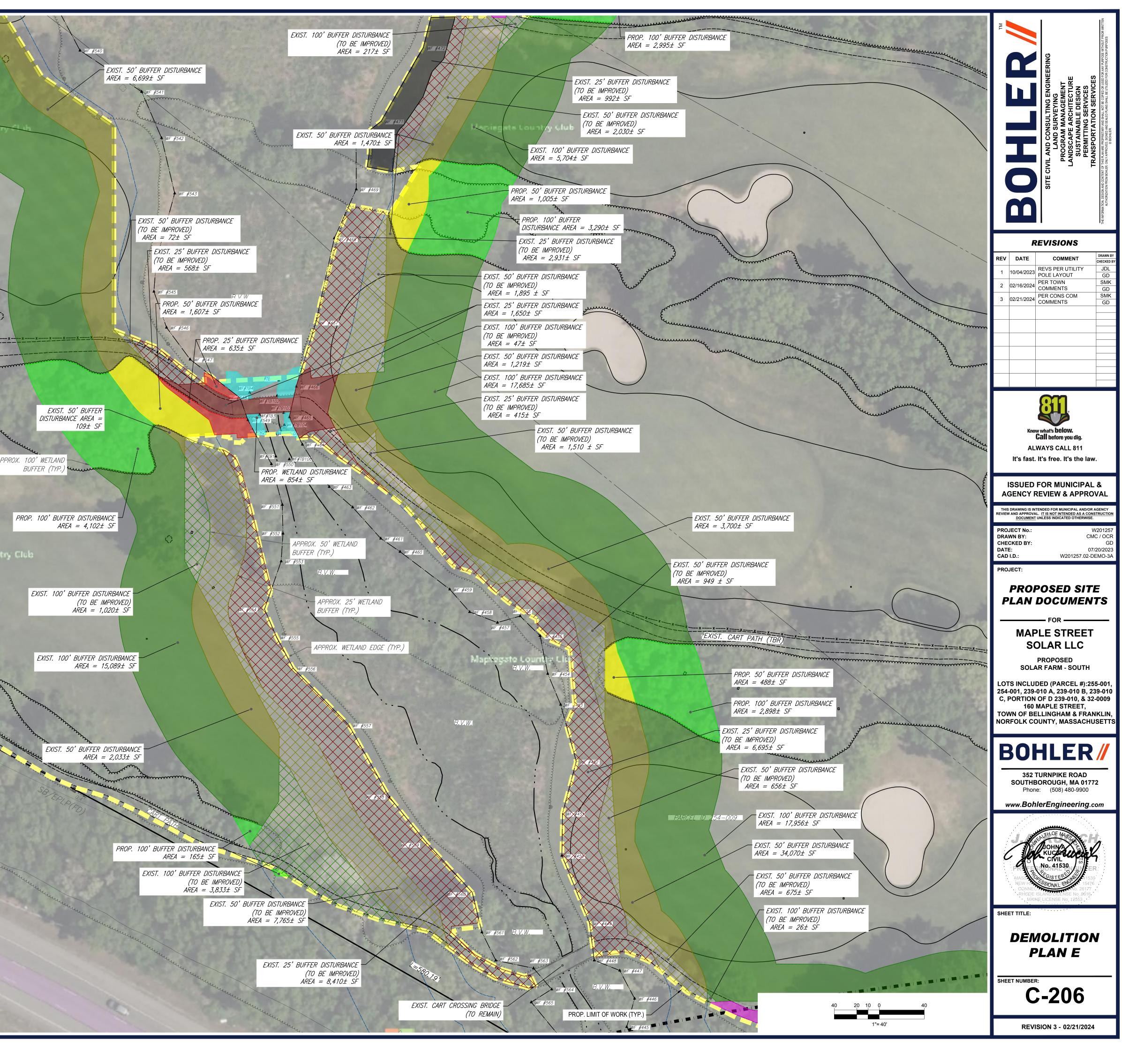
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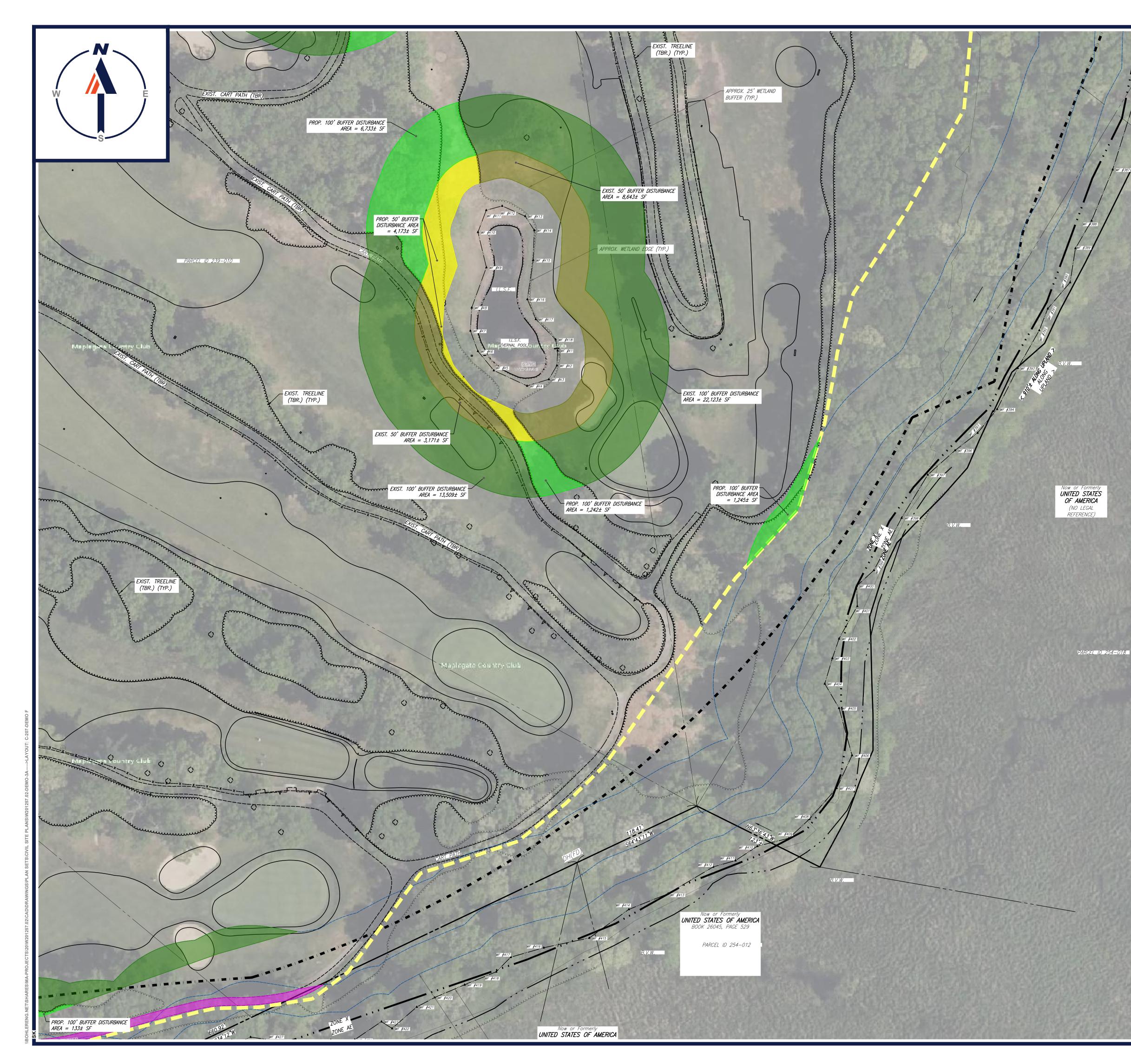




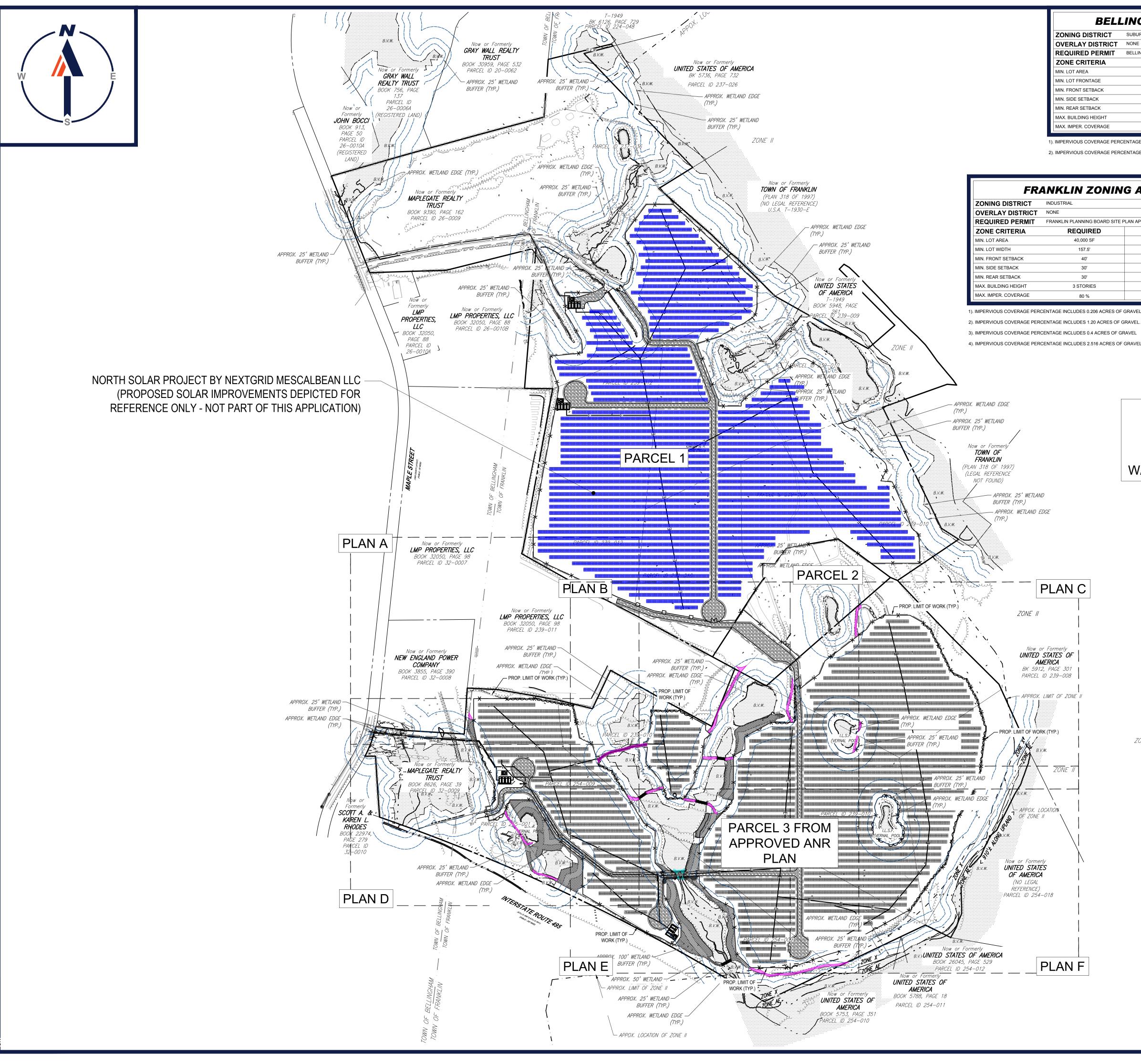
ALL SHRUBS AND TREES WITHIN LOW
TO BE REMOVED. ALL LAWN,
FAIRWAYS, GREENS, AND CLEARED
AREAS ARE TO BE SEEDED WITH A
MEADOW MIX AND MOWED TWICE PER
YEAR. (TYP.)

	-	BUFFER NCE CHART
AREA	HATCH	DESCRIPTION
635 ± sf		25' Proposed Buffer Disturbance
8,995 ± sf		25' Existing Buffer Disturbance
20,594± sf		50' Proposed Buffer Disturbance
51,321 ± sf		50' Existing Buffer Disturbance
47,641± sf		100' Proposed Buffer Disturbance
247,410 ± sf		100' Existing Buffer Disturbance
854 ± sf		Proposed Wetland Disturbance
15,293 ± sf		Existing Cart Path to be Removed and Restored
49,205 ± sf		25' Existing Buffer Disturbance (To Be Improved)
36,975 ± sf		50' Existing Buffer Disturbance (To Be Improved)
13,080 ± sf		100' Existing Buffer Disturbance (To Be Improved)
312,301 ± sf	N/A	Total Existing Disturbance
84,640 ± sf	N/A	Total Proposed Disturbance





				M	RING		THE INFORMATION, DESIGN AND CONTENT OF THIS PLAN ARE PROPRIETARY AND SHALL NOT BE COPIED OR USED FOR ANY PURPOSE WITHOUT PROR WRITTEN AUTHORIZATION FROM BOHLER. ONLY APPROPED, SIGNED AND SEALED PLANS SHALL BE UTILIZED FOR CONSTRUCTION FURPOSES © BOHLER.
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			BUFFER		IS DRAWING IS INTENDED FO W AND APPROVAL. <u>IT IS NO</u> <u>DOCUMENT</u> UNLESS IN		STRUCTION
	DIST	TURBA		DRA	DJECT No.: AWN BY: ECKED BY:		V201257 IC / OCR GD
	635 ± sf		25' Proposed Buffer Disturbance	DAT CAD	E: D I.D.:	/07 W201257.02-DI	/20/2023
	8,995 ± sf		25' Existing Buffer Disturbance		DJECT:		_
	20,594± sf		50' Proposed Buffer Disturbance		PROPOS PLAN DO		
Ն,	51,321 ± sf		50' Existing Buffer Disturbance	_		DR	
ro4	47,641± sf		100' Proposed Buffer Disturbance			STREET R LLC	
	247,410 ± sf		100' Existing Buffer Disturbance		PROP	OSED	
	854 ± sf		Proposed Wetland Disturbance	101	SOLAR FAF	RM - SOUTH PARCEL #):25	5-001
	15,293 ± sf		Existing Cart Path to be Removed and Restored	254	I-001, 239-010 Å, PORTION OF D	, 239-010 B, 23 239-010, & 32	39-010
	49,205 ± sf		25' Existing Buffer Disturbance (To Be Improved)		160 MAPLI WN OF BELLING RFOLK COUNTY		
	36,975 ± sf		50' Existing Buffer Disturbance (To Be Improved)				
	13,080 ± sf		100' Existing Buffer Disturbance (To Be Improved)	E	BOHI	-ER	
4	312,301 ± sf	N/A	Total Existing Disturbance	-	352 TURNF SOUTHBOROL	PIKE ROAD JGH, MA 0177	 '2
2	84,640 ± sf	N/A	Total Proposed Disturbance			608) 480-9900	
FAIR ARE MEAD	OBEF WAYS, EASAR OWMI	REMOVI , GREEI E TO BI X AND I YEAR.			MASS HORE CONNECTION	F M4 80-20 VIL 1530 AL ENG AL ENG AL ENG 15476 15476 15476 15476	2
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					U-1	LU/	
40 20 10 0 40							



NG DISTRICT SUBURBAN (W) WAIVER REQUESTED RLAY DISTRICT NONE JIRED PERMIT BELLINGHAM PLANNING BOARD DEVELOPMENT PLAN APPROVAL E CRITERIA REQUIRED EXISTING PROPOSED PARCEL 32-0009 DT AREA 40,000 SF ±3.77 ACRES ± 3.77 ACRES DT FRONTAGE 150.0' 138.8' 138.8' RONT SETBACK 30' N/A N/A DE SETBACK 20' N/A N/A UILDING HEIGHT 35' N/A N/A	BELL	INGHAM ZONII	NG ANALYS	SIS TABLE	N/A - NOT APPLICABLE N/S - NOT SPECIFIED (V) - VARIANCE REQUESTED	P
RLAY DISTRICTNONEURED PERMITBELLINGHAM PLANNING BOARD DEVELOPMENT PLAN APPROVALE CRITERIAREQUIREDEXISTINGPROPOSED PARCEL 32-0009DT AREA40,000 SF±3.77 ACRES±3.77 ACRESDT FRONTAGE150.0'138.8'138.8'RONT SETBACK30'N/AN/AEAR SETBACK20'N/AN/A	NG DISTRICT	SUBURBAN				
E CRITERIAREQUIREDEXISTINGPROPOSED PARCEL 32-0009DT AREA40,000 SF±3.77 ACRESDT FRONTAGE150.0'138.8'RONT SETBACK30'N/ADE SETBACK15'N/AAR SETBACK20'N/A	RLAY DISTRICT	NONE				
AT AREA 40,000 SF ±3.77 ACRES ± 3.77 ACRES DT FRONTAGE 150.0' 138.8' 138.8' RONT SETBACK 30' N/A N/A DE SETBACK 15' N/A N/A EAR SETBACK 20' N/A N/A	JIRED PERMIT	BELLINGHAM PLANNING BOARD DEV	ELOPMENT PLAN APPROVA	L		
DT FRONTAGE150.0'138.8'138.8'RONT SETBACK30'N/AN/ADE SETBACK15'N/AN/AEAR SETBACK20'N/AN/A	E CRITERIA	REQUIRED	EXISTING	PROPOSED PARCEL 32-0009		
RONT SETBACK30'N/AN/ADE SETBACK15'N/AN/AEAR SETBACK20'N/AN/A	DT AREA	40,000 SF	±3.77 ACRES	± 3.77 ACRES		
DE SETBACK 15' N/A N/A EAR SETBACK 20' N/A N/A	OT FRONTAGE	150.0'	138.8'	138.8'		
EAR SETBACK 20' N/A N/A	RONT SETBACK	30'	N/A	N/A		
	DE SETBACK	15'	N/A	N/A		
UILDING HEIGHT 35' N/A N/A	EAR SETBACK	20'	N/A	N/A		
	UILDING HEIGHT	35'	N/A	N/A		
IPER. COVERAGE 80 % 1.11% ¹ 1.16 % ²	IPER. COVERAGE	80 %	1.11% ¹	1.16 % ²		

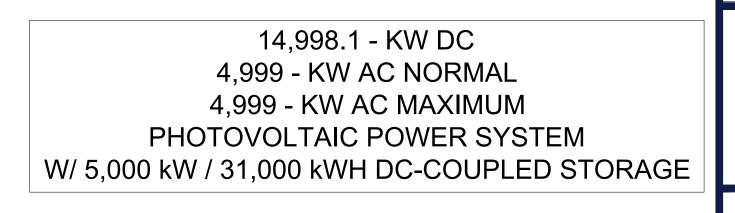
2). IMPERVIOUS COVERAGE PERCENTAGE INCLUDES 0.044 ACRES OF GRAVEL.

FRANKLIN ZONING ANALYSIS TABLE

N/A - NOT APPLICABLE N/S - NOT SPECIFIED (V) - VARIANCE REQUESTED (W) - WAIVER REQUESTED (E) - EXIST. NON-CONFORMANCE

BOARD SITE PLAN APPROVAL				
D	EXISTING	PROPOSED PARCEL 1	PROPOSED PARCEL 2	PROPOSED PARCEL 3
	±129.97 ACRES	± 62.96 ACRES	± 5.61 ACRES	± 61.40 ACRES
	390.8'±	N/A	N/A	2272.0'
	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	33.0'
	N/A	N/A	N/A	445.6'
6	< 3 STORIES	N/A	N/A	< 3 STORIES
	<2.5% ¹	2.9 % ²	7.1 % ³	2.6 % 4

ZONE //



REVISIONS REV DATE COMMENT 1 10/04/2023 REVS PER UTILITY POLE LAYOUT 2 02/16/2024 PER TOWN COMMENTS 02/21/2024 PER CONS COM COMMENTS

Know what's **below. Call** before you dig.

ALWAYS CALL 811 It's fast. It's free. It's the law.

ISSUED FOR MUNICIPAL & AGENCY REVIEW & APPROVAL

THIS DRAWING IS INTENDED FOR MUNICIPAL AND/OR AGENCY EVIEW AND APPROVAL. IT IS NOT INTENDED AS A CONSTRUCTIO DOCUMENT UNLESS INDICATED OTHERWISE.

W20125

CMC / OCR

07/20/202

W201257.02-SPPD-3

PROJECT No.: DRAWN BY: CHECKED BY: DATE: CAD I.D.:

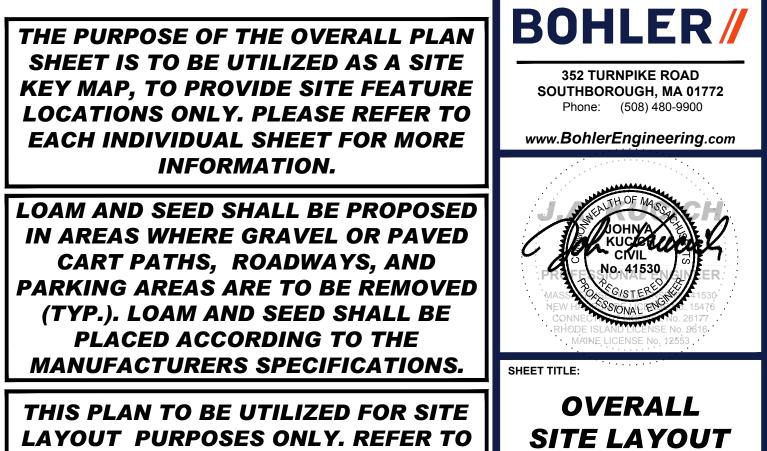
PROJECT:



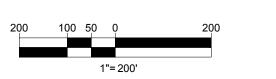
- FOR — MAPLE STREET SOLAR LLC

PROPOSED SOLAR FARM - SOUTH

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



LAYOUT PURPOSES ONLY. REFER TO **GENERAL NOTES** PLAN SHEET FOR ADDITIONAL NOTES SHEET NUMBER **C-301**



SHEET IS TO BE UTILIZED AS A SITE

EACH INDIVIDUAL SHEET FOR MORE

INFORMATION.

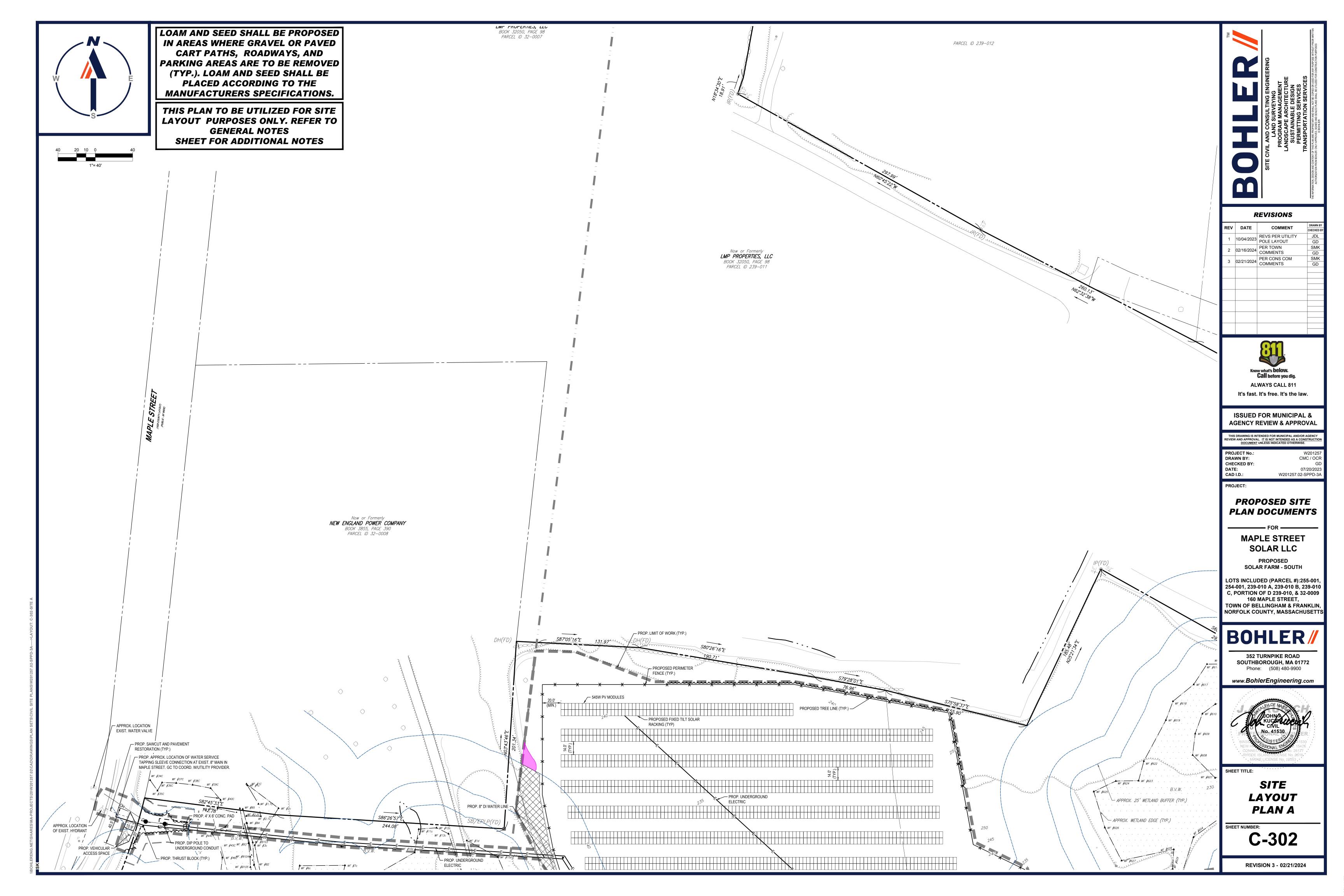
IN AREAS WHERE GRAVEL OR PAVED

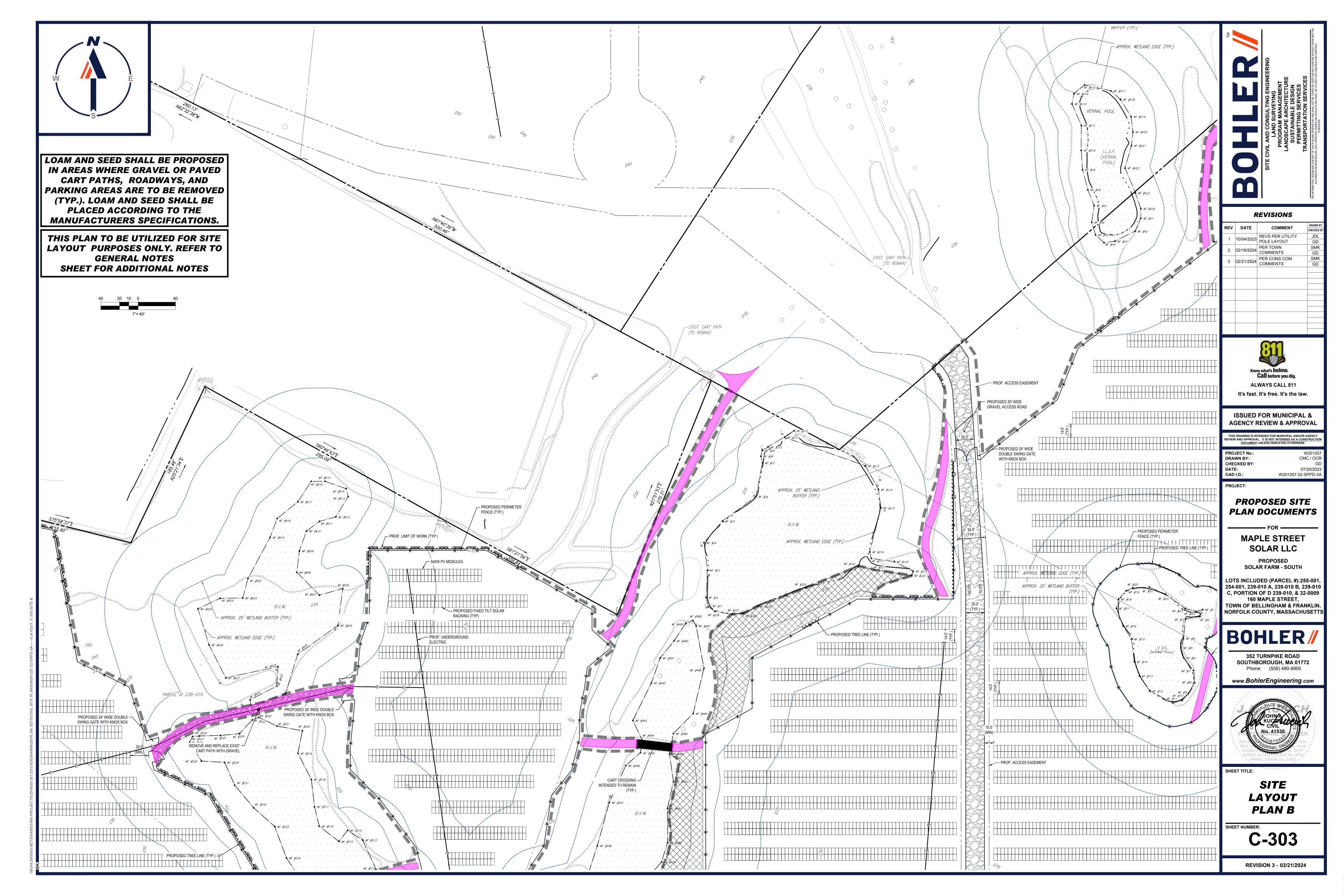
CART PATHS, ROADWAYS, AND

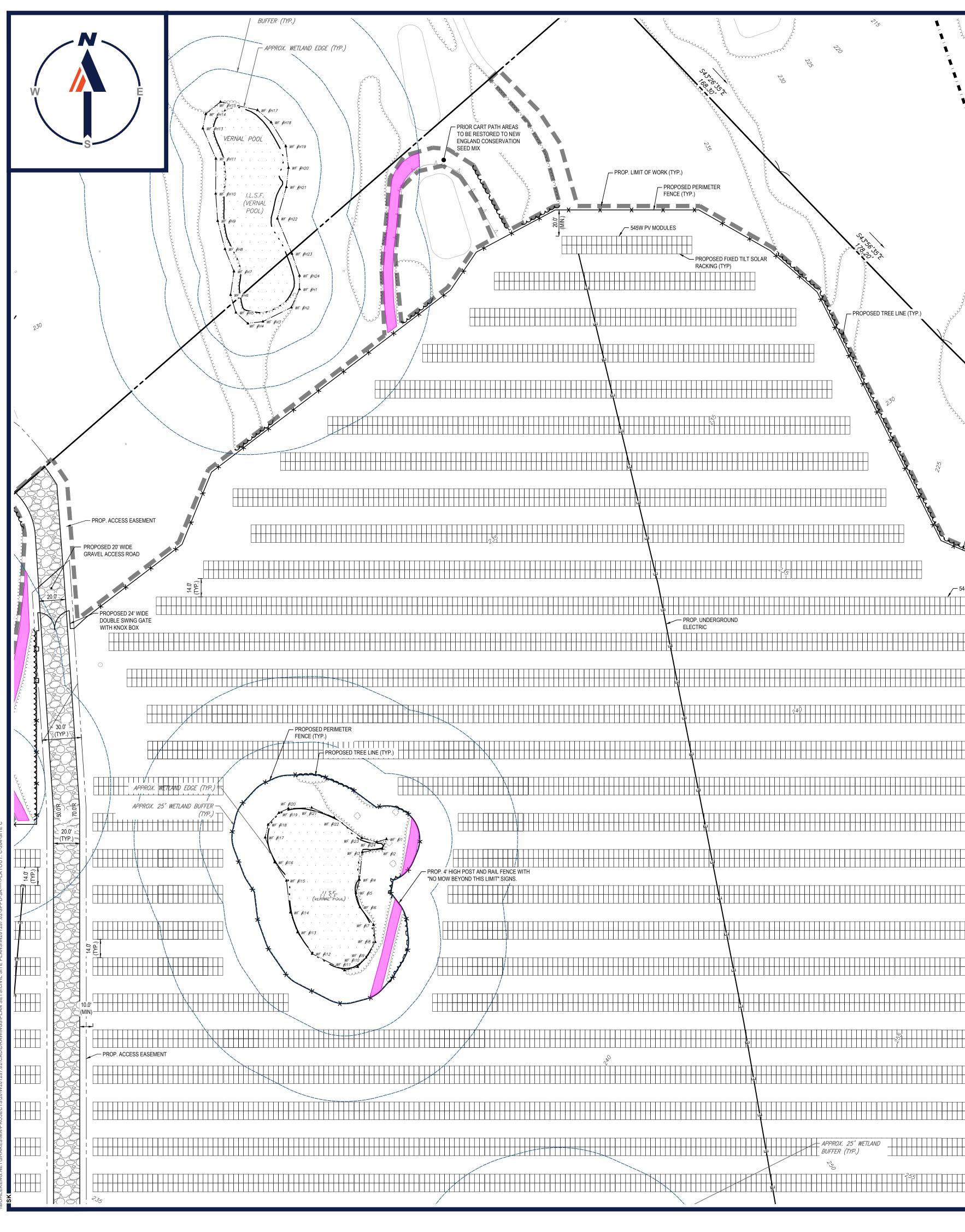
(TYP.). LOAM AND SEED SHALL BE PLACED ACCORDING TO THE

MANUFACTURERS SPECIFICATIONS.

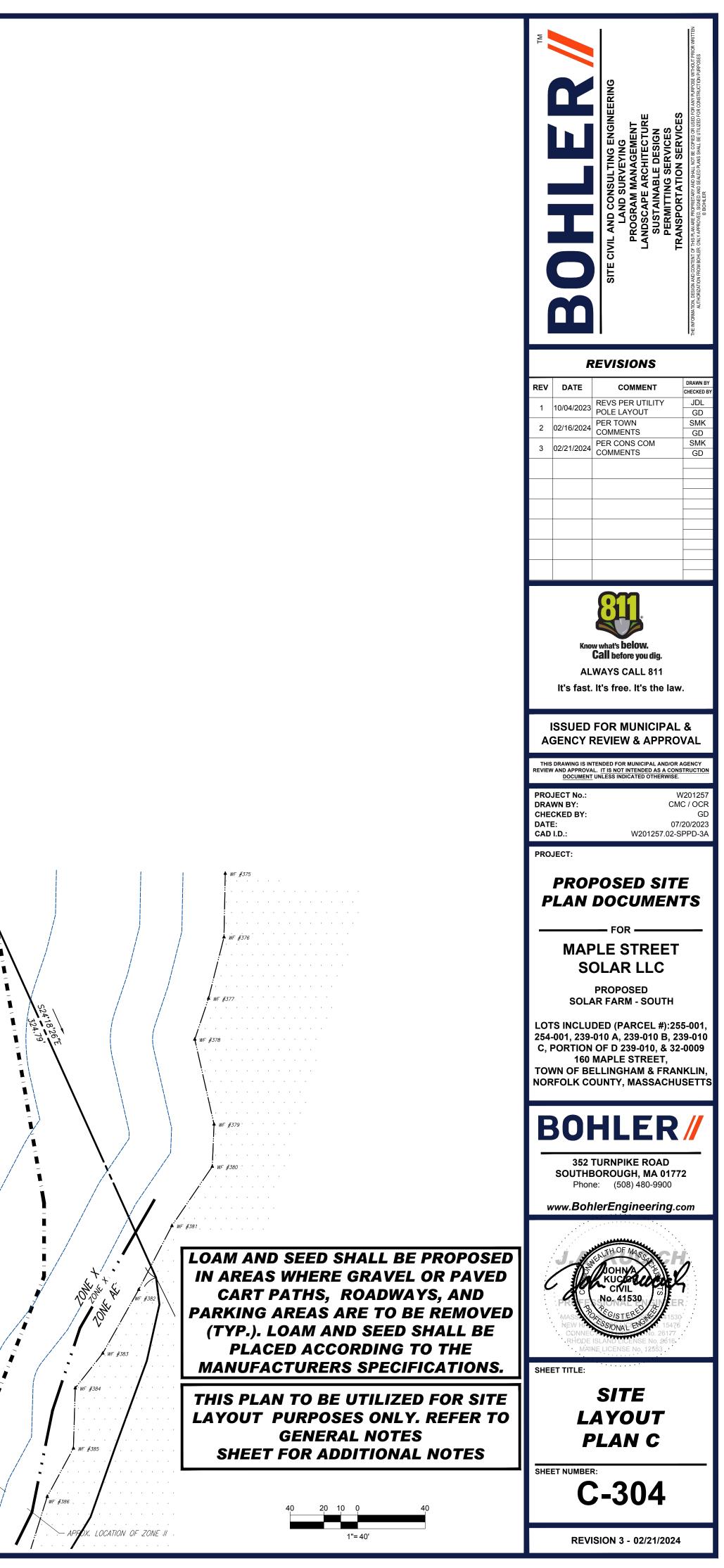
REVISION 3 - 02/21/2024

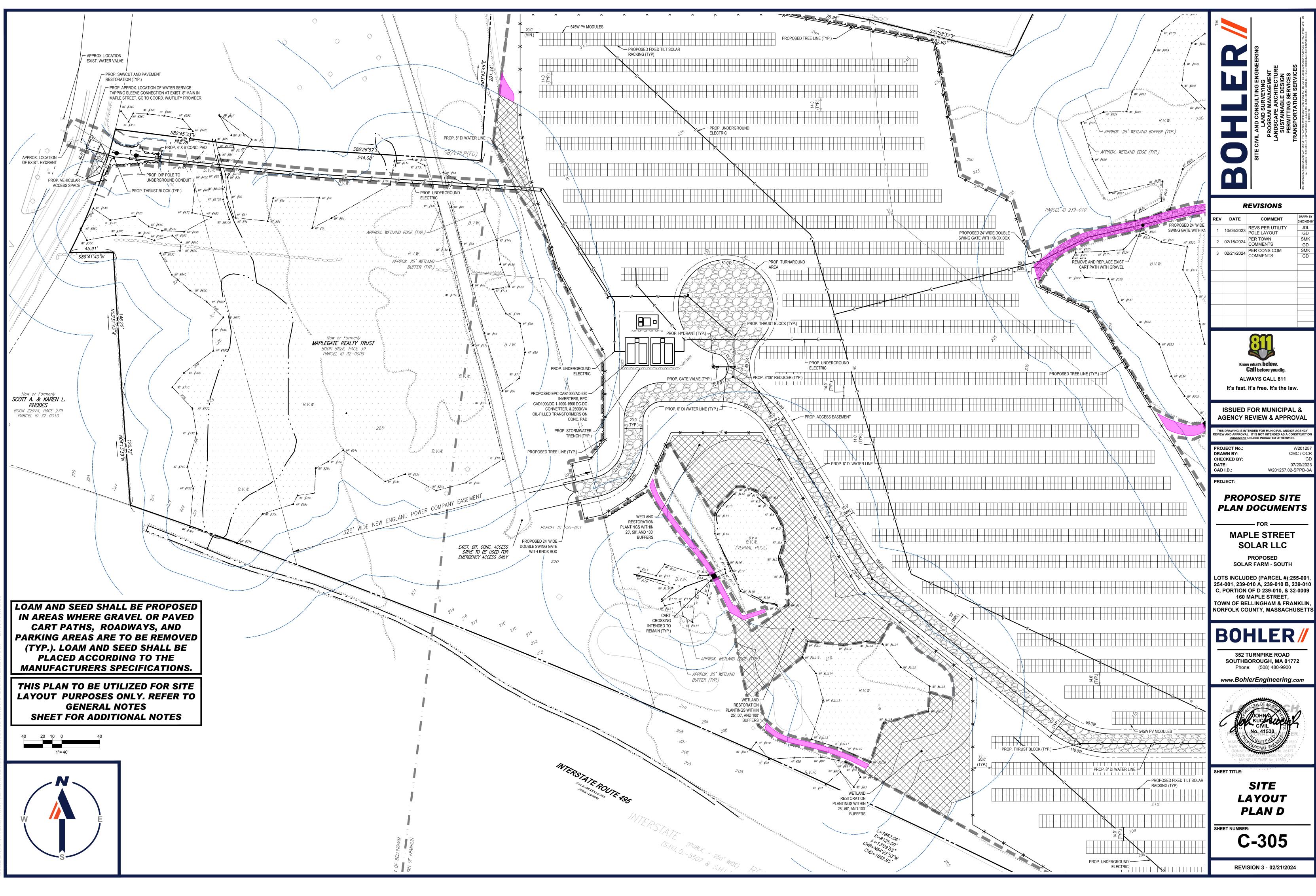






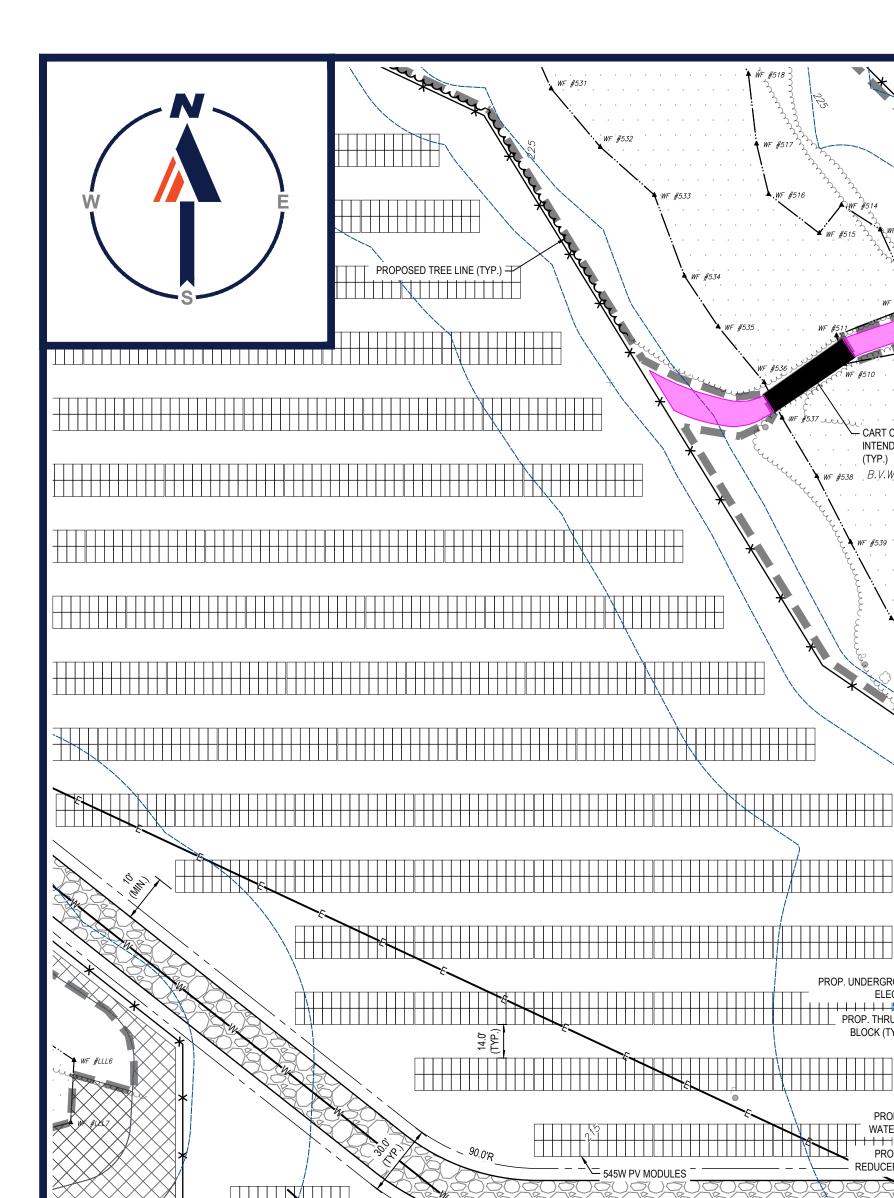
ZONE II 235 - APPROX. LIMIT OF ZONE II - PROP. LIMIT OF WORK (TYP.) - PROPOSED PERIMETER FENCE (TYP.) ← 545W PV MODULES - PROPOSED FIXED TILT SOLAR RACKING (TYP) - PROPOSED TREE LINE (TYP.) Now or Formerly
UNITED STATES OF AMERICA BK FARCEL PAGE 239-008 - PROPOSED PERIMETER All the face FENCE (TYP.) - 545W PV MODULES - PROP. UNDERGROUND ELECTRIC \mathbf{A} PROPOSED FIXED TILT SOLAR RACKING (TYP) PROP. LIMIT OF WORK -----(TYP.) APPROX. 25' WETLAND BUFFER (TYP.) 20.0°





W20125

CMC / OCR



PROP. THRUST BLOCK (TYP.) -(TYP.) PROP. 6" DI -WATER LINE (TYP.) - PROPOSED FIXED TILT SOLAR ROX. 100' WETLAN PROP. GATE
RACKING (TYP)
BUFFER (TYP VALVE (TYP.) PROP. HYDRANT (TYP.) -PROP. ACCESS EASEMENT -PROP. UNDERGROUND -----ELECTRIC -----

PROPOSED PERIMETER -

FENCE (TYP.)

PROP. LIMIT OF WORK -

(TYP.)

PROP. TURN-AROUND AREA

- CART CROSSING INTENDED TO REMAIN

PROP. UNDERGROUND -

BLOCK (TYP.)

PROP. THRUST -

ELECTRIC

PROP. 8" DI -

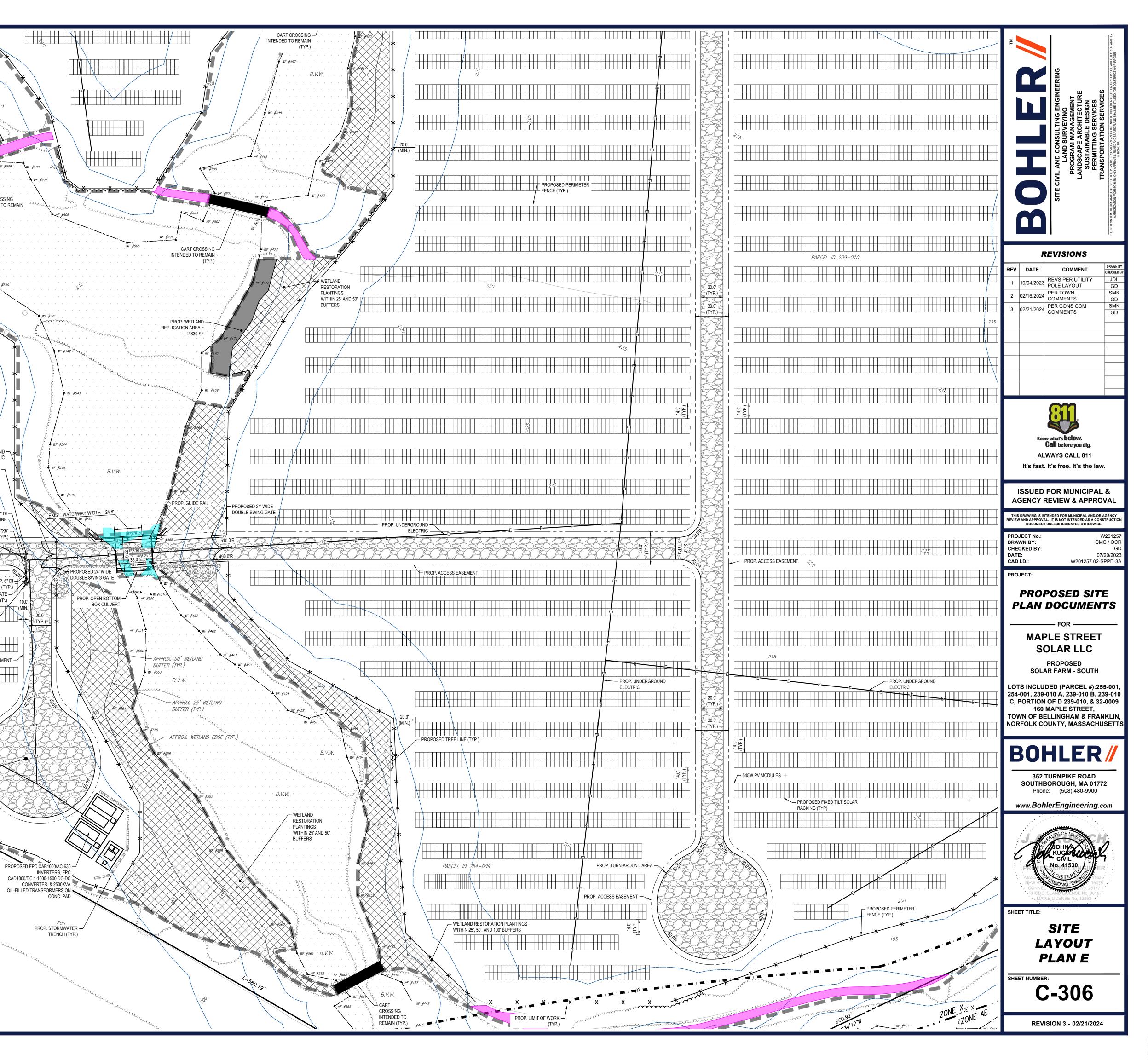
WATER LINE 🔪 ++++PROP. 8"X6" – REDUCER (TYP.) –

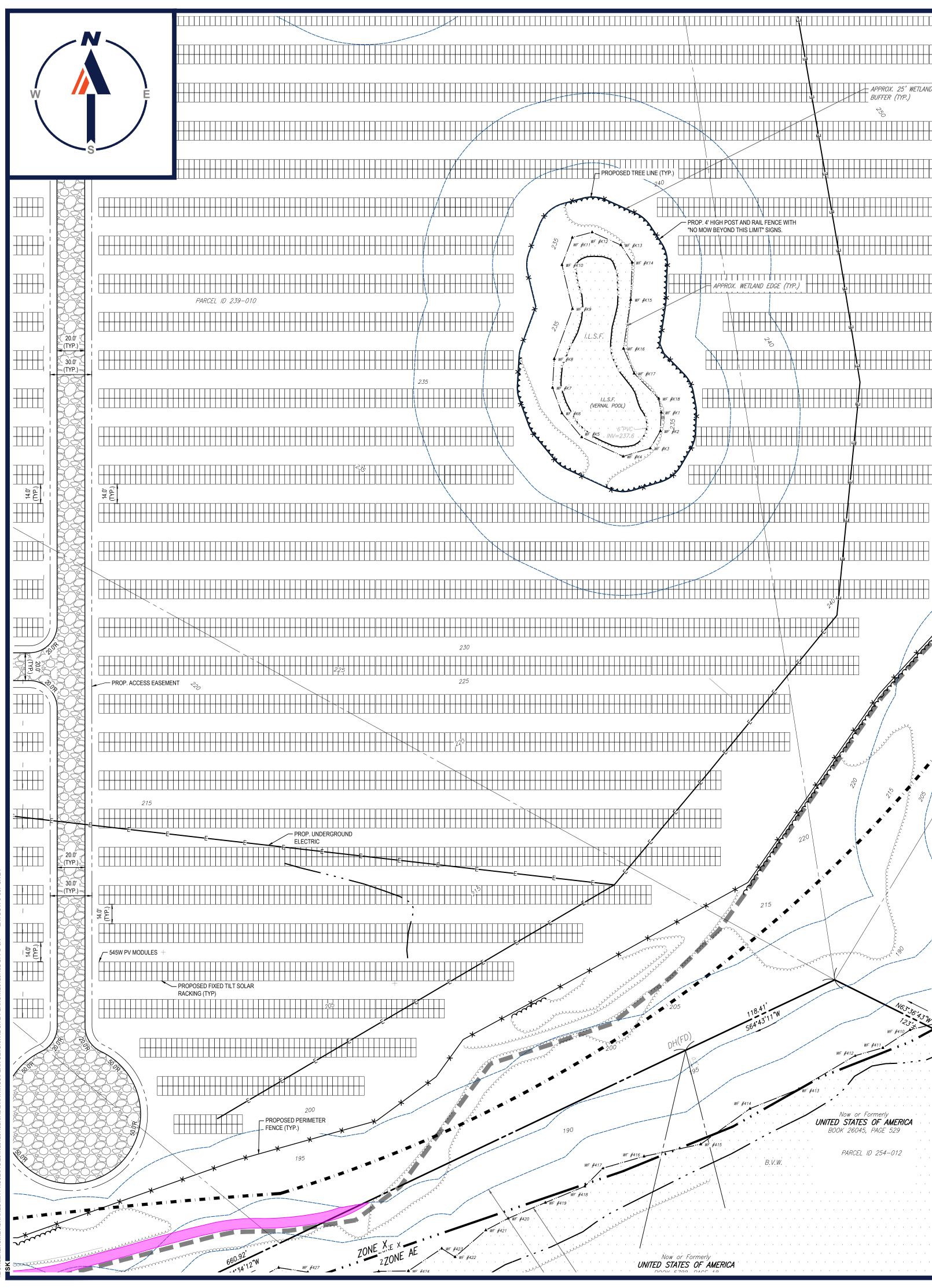
T (MIN.

(TYP.) € #538 B.V.W.

LOAM AND SEED SHALL BE PROPOSED IN AREAS WHERE GRAVEL OR PAVED CART PATHS, ROADWAYS, AND PARKING AREAS ARE TO BE REMOVED (TYP.). LOAM AND SEED SHALL BE PLACED ACCORDING TO THE MANUFACTURERS SPECIFICATIONS.

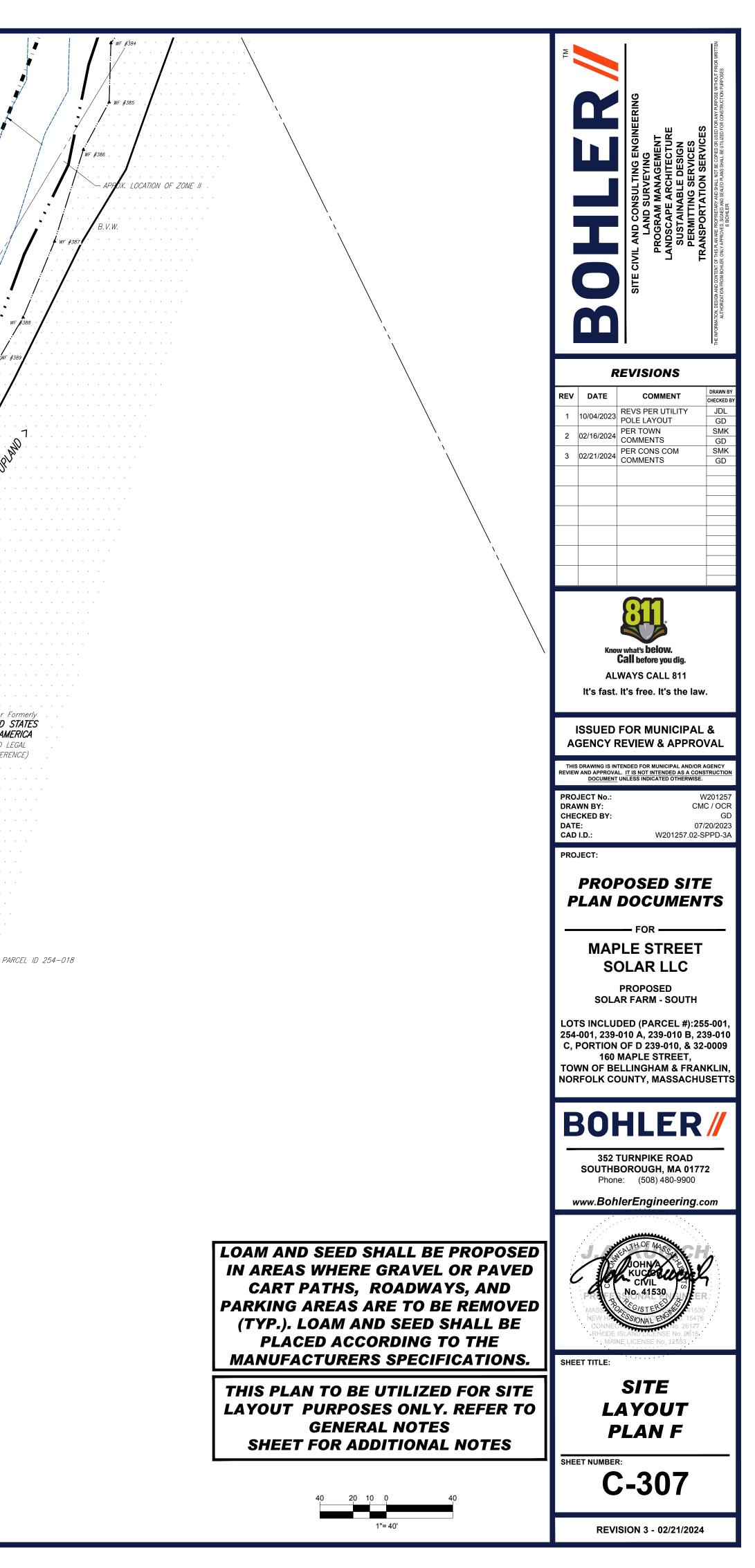
THIS PLAN TO BE UTILIZED FOR SITE LAYOUT PURPOSES ONLY. REFER TO **GENERAL NOTES** SHEET FOR ADDITIONAL NOTES

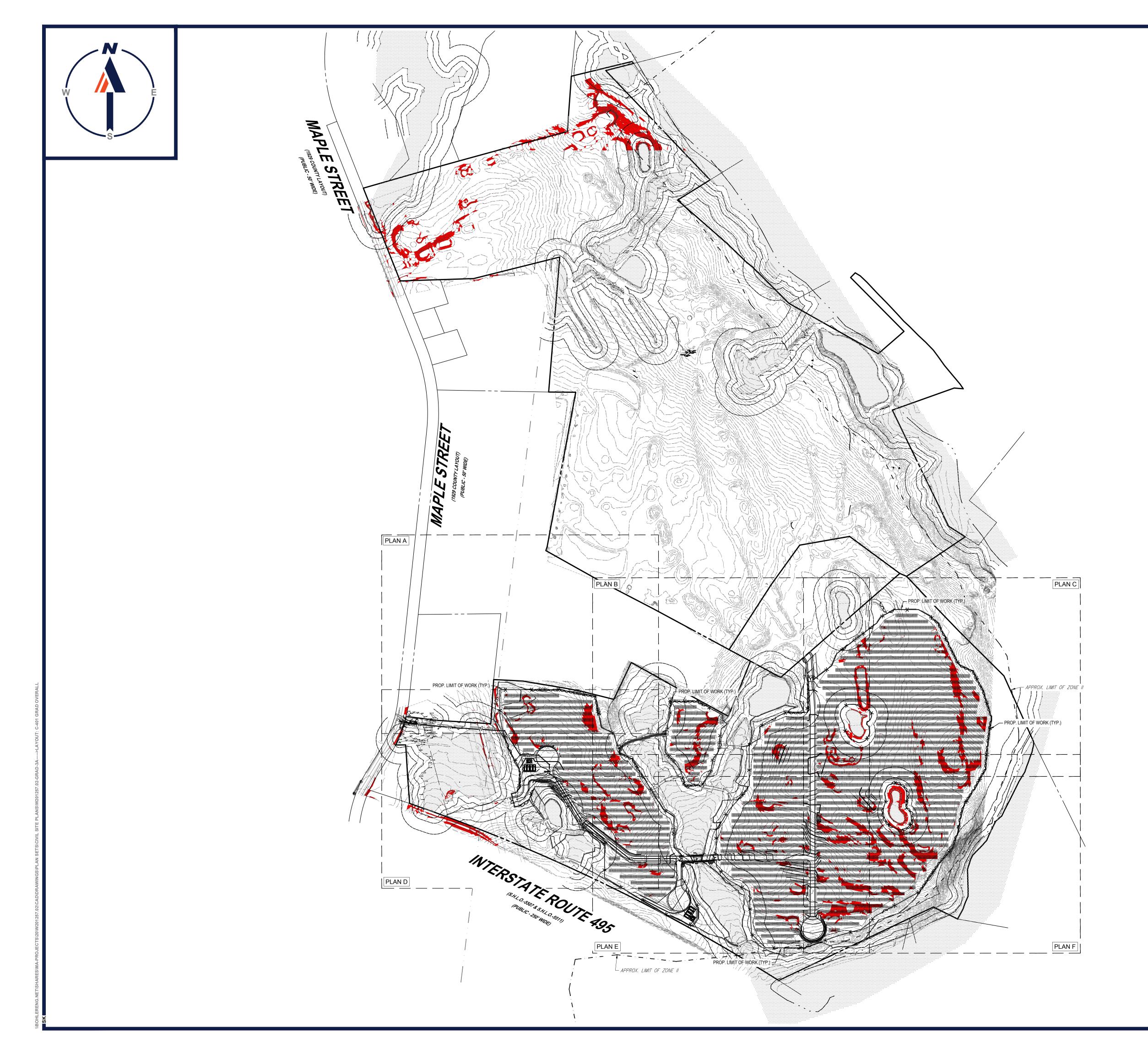




APPROX. 25' WETLAND BUFFER (TYP.) ┼┼┼╲┼┼┼┼┼╢┼╢┼┼┼┼┝╲┼┼┼┼┼╎╎┼┼┼┼┼╢┼┼┼┼ PROP. 4' HIGH POST AND RAIL FENCE WITH "NO MOW BEYOND THIS LIMIT" SIGNS. APPROX. WETLAND EDGE (TYP.) 2 A C 🔆 WF #K18 🖹 WF #K1 WF #K3 WF #396 Now or Formerly ┫┼┼┼┼┼┼┼┼┼┼ UNITED STATES OF AMERICA (NO LEGAL REFERENCE) RVW ` ♦ع V 🌒 🦉 185 WF #408 WF #410 Now or Form UNITED STATES OF AMERICA BOOK 26045, PAGE 529 PARCEL ID 254-01. *B.V.W.*

Now or Formerly







POSTS TO ACCOMMODATE THE STEEP THE PURPOSE OF THE OVERALL PLAN SHEET IS TO BE UTILIZED AS A SITE KEY MAP, TO PROVIDE SITE FEATURE

LOCATIONS ONLY. PLEASE REFER TO EACH INDIVIDUAL SHEET FOR MORE

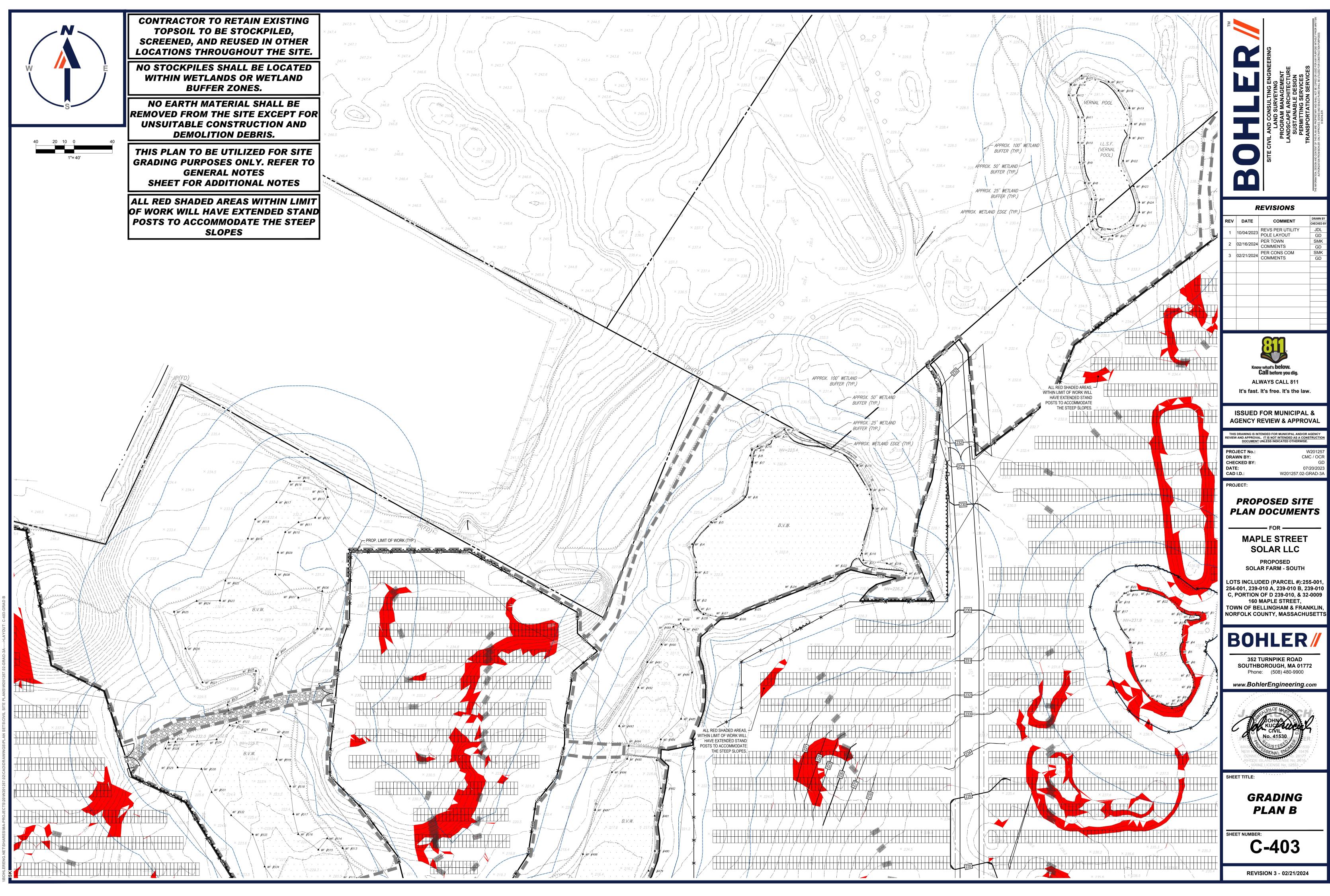
CONTRACTOR TO RETAIN EXISTING TOPSOIL TO BE STOCKPILED, SCREENED, AND REUSED IN OTHER LOCATIONS THROUGHOUT THE SITE.

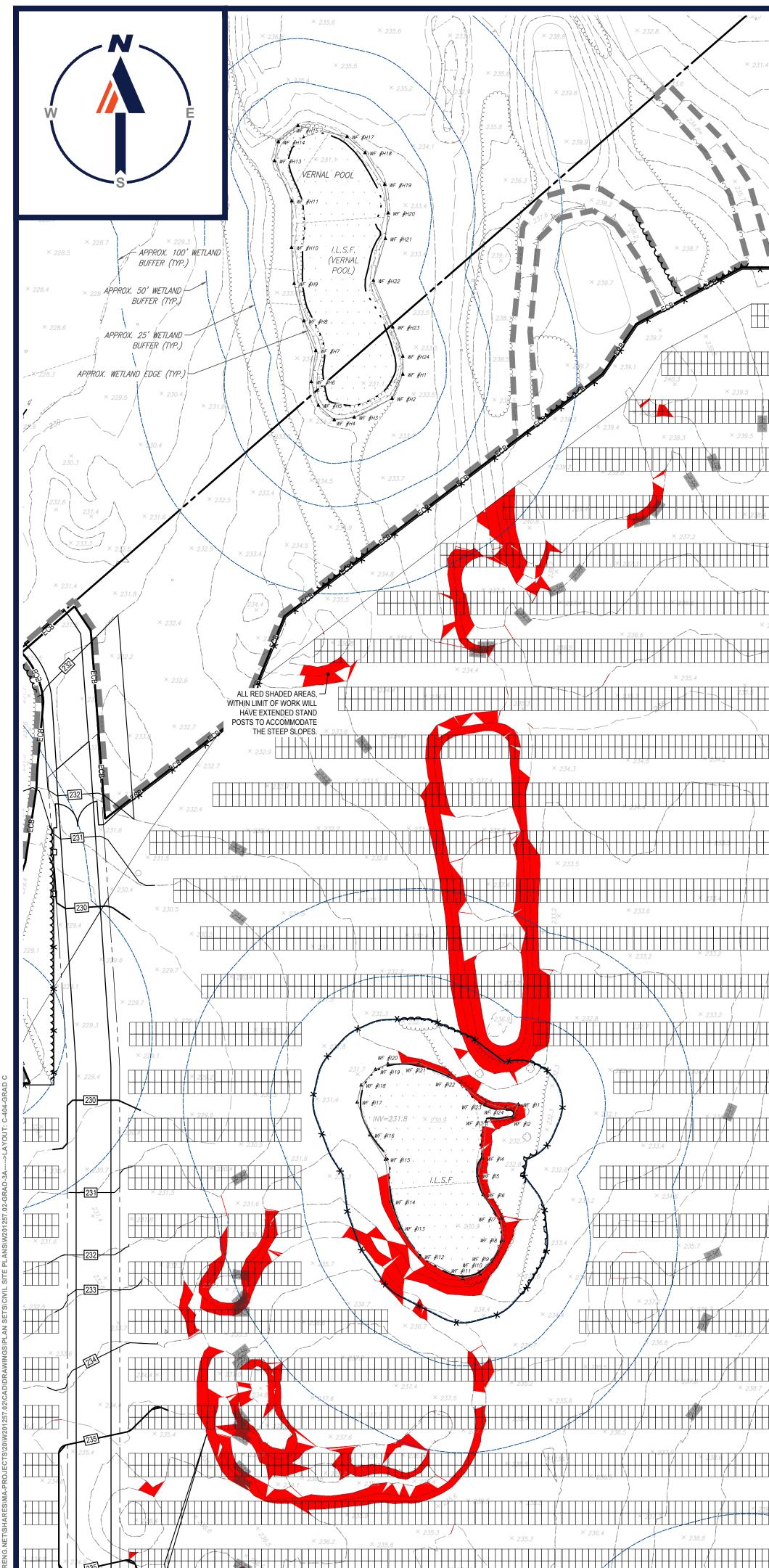
NO STOCKPILES SHALL BE LOCATED WITHIN WETLANDS OR WETLAND

REMOVED FROM THE SITE EXCEPT FOR UNSUITABLE CONSTRUCTION AND **DEMOLITION DEBRIS.**

THIS PLAN TO BE UTILIZED FOR SITE GRADING PURPOSES ONLY. REFER TO **GENERAL NOTES SHEET** FOR ADDITIONAL GRADING & UTILITY







- PROP. LIMIT OF WORK (TYP.)

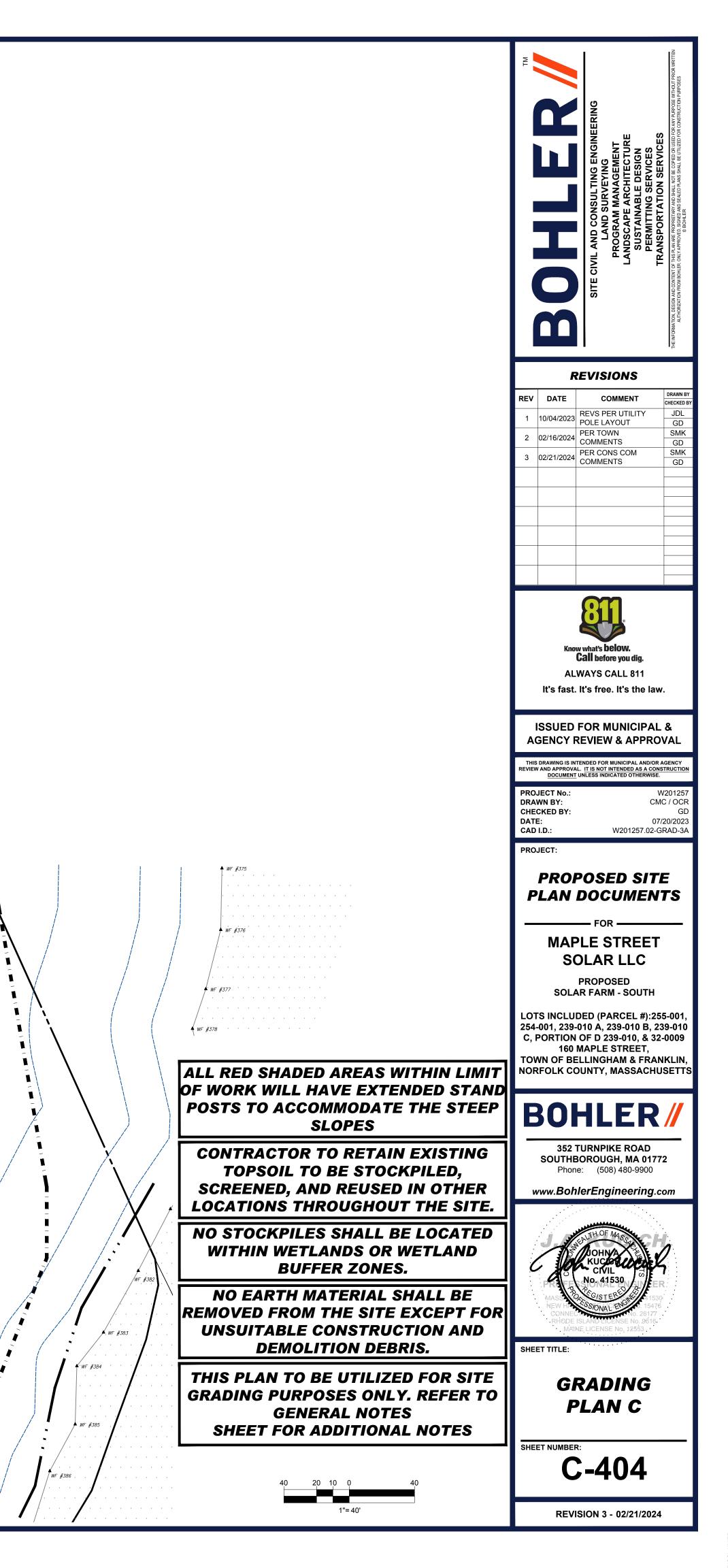
235

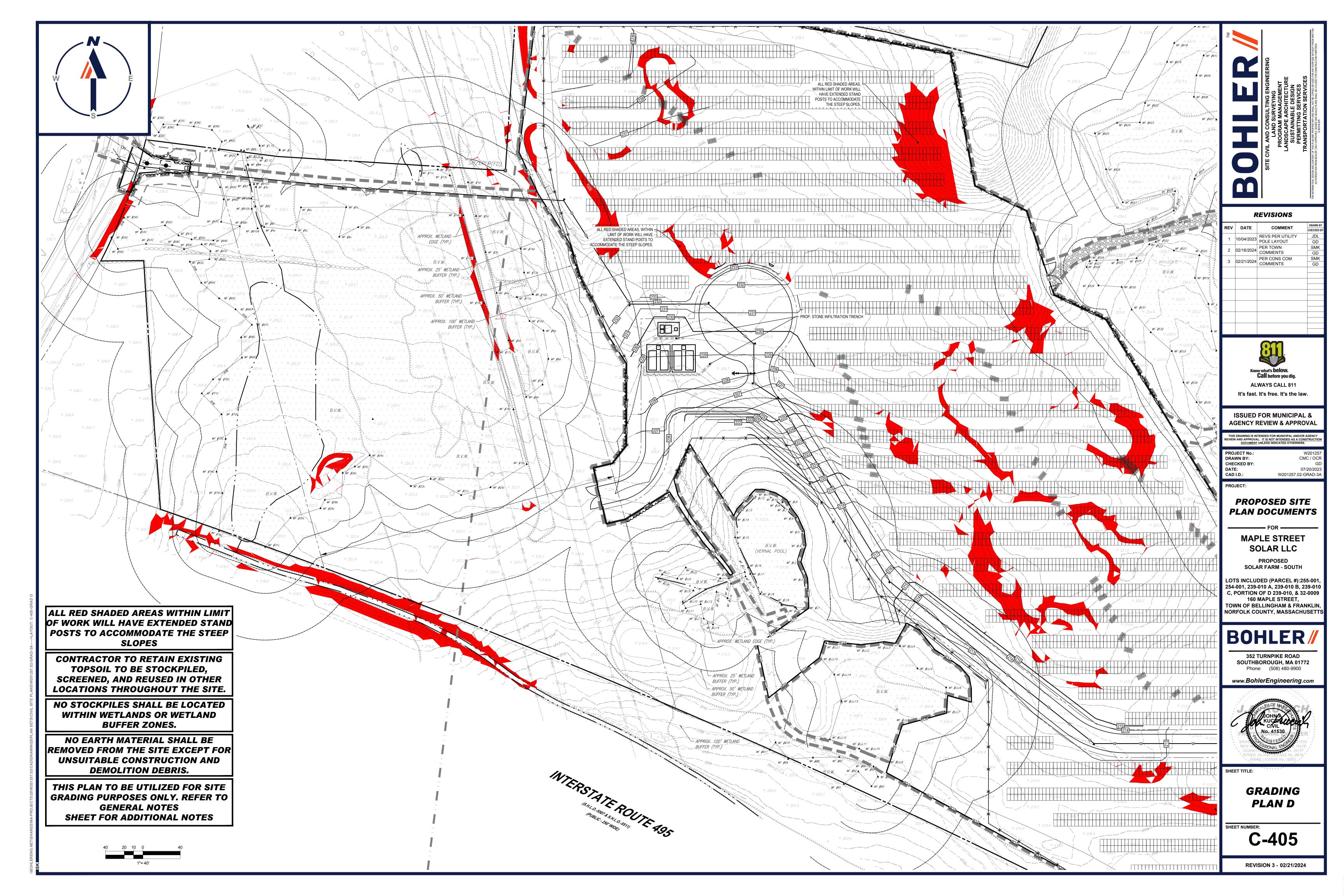
× 236.4

PROP. LIMIT OF WORK (TYP

APPROX. LIMIT OF ZONE I

> ALL RED SHADED AREAS. WITHIN LIMIT OF WORK WILL HAVÉ EXTENDED STAND POSTS TO ACCOMMODATE THE STEEP SLOPES.







'WF #532

👋 WF #533

₩F #534

WF #516

—**—**₩F_#51

₩F/#538 B.V.W.

· ₩F #539 '

₩F #540

₩F #515 '

WF #513

WF #509

🔌 WF #507

₩F #542

♦ ₩F #544

🖣 WF #545

WF #546

🗭 WF #543

. B.V.W.

·× 208.5

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14<u>——/</u>___/___/____

ALL RED SHADED AREAS, WITHIN LIMIT OF WORK WILL HAVE EXTENDED STAND POSTS TO ACCOMMODATE THE STEEP SLOPES. * 207.6

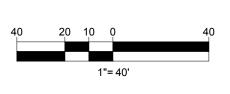
ALL RED SHADED AREAS WITHIN LIMIT OF WORK WILL HAVE EXTENDED STAND POSTS TO ACCOMMODATE THE STEEP SLOPES

CONTRACTOR TO RETAIN EXISTING TOPSOIL TO BE STOCKPILED, SCREENED, AND REUSED IN OTHER LOCATIONS THROUGHOUT THE SITE.

NO STOCKPILES SHALL BE LOCATED WITHIN WETLANDS OR WETLAND **BUFFER ZONES.**

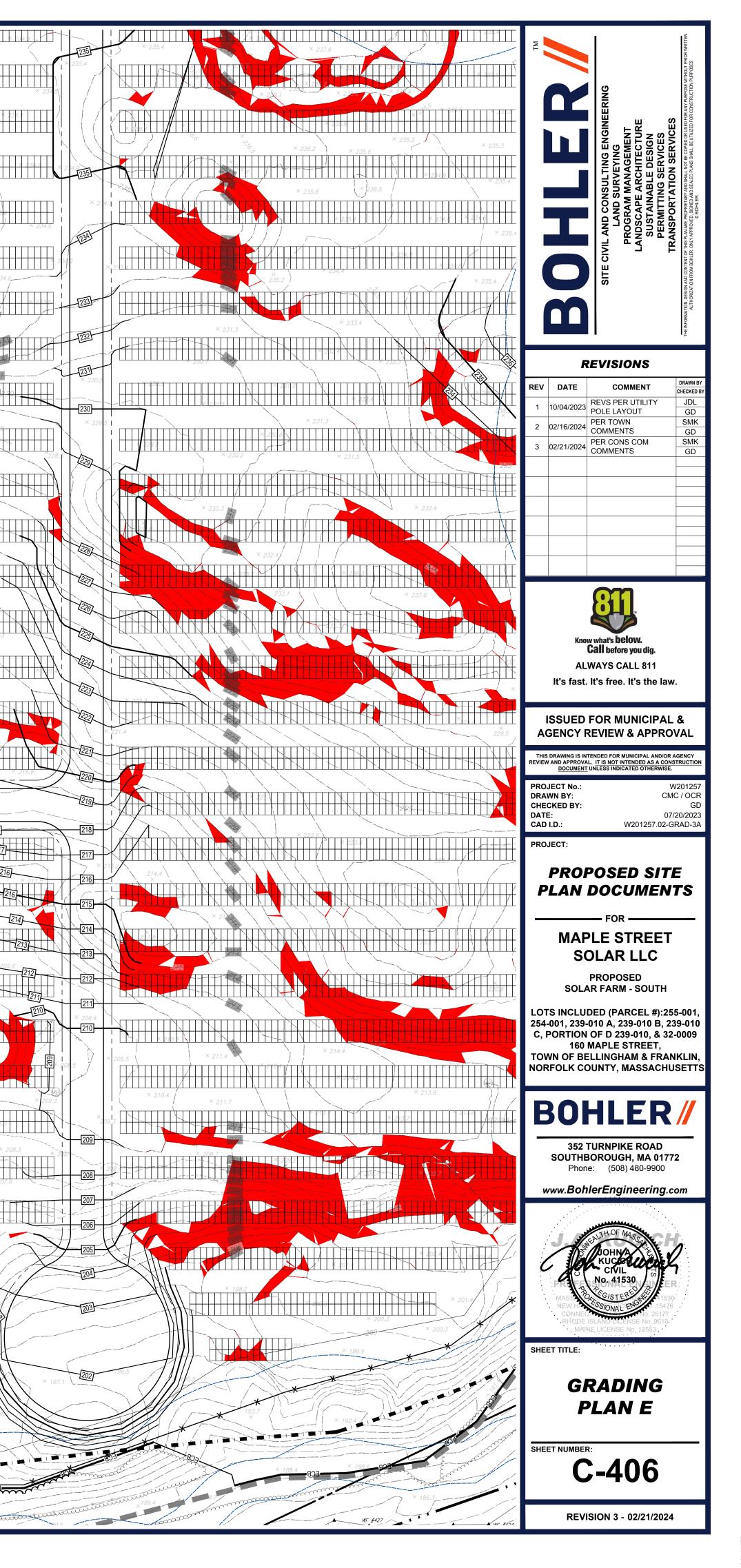
NO EARTH MATERIAL SHALL BE REMOVED FROM THE SITE EXCEPT FOR UNSUITABLE CONSTRUCTION AND **DEMOLITION DEBRIS.**

THIS PLAN TO BE UTILIZED FOR SITE GRADING PURPOSES ONLY. REFER TO GENERAL NOTES SHEET FOR ADDITIONAL NOTES



WF #LLL6

. *B.V.W*. /**▲** WF #498 ₩F #500 CONTRACTOR OF THE OWNER OWNE **♦**.WF #503 ₩F #502 WF #504 WF #505 -231 ₩F #469 #468 275 BVW DISTURBANCE = 854±SF 21 전 전 전 ▲ WF#TB106 🔌 WF-#550 A WF #463 ₩F #462 APPROX. 100' WETLAND BUFFER ♦ WF #553 (TYP.) - APPROX. 50' WETLAND BUFFER (TYP.) WF #458 APPROX. 25' WETLAND BUFFER (TYP.) APPROX. WETLAND EDGE (TYP.) 212 *B.V.W*. 🔌 WF #454 - PROP. STONE INFILTRATION TRENCH •*B.V.W*. ₩F #446 ₩F #565 / PROP. LIMIT OF WORK (TYP.) WF #445 ECB



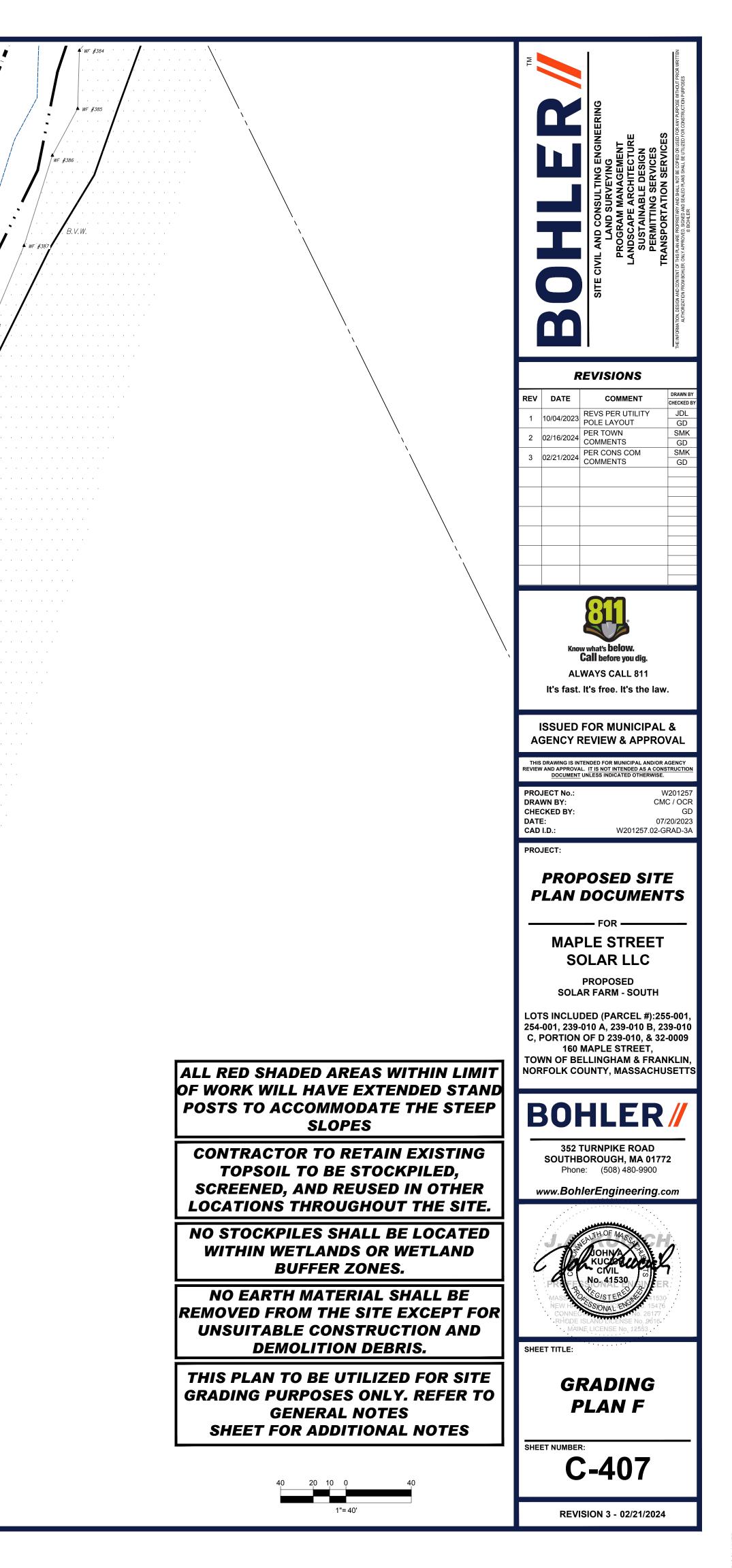


× 250.5 × 242.9 × 242.9 × 235.3 — ÁLL REÓ SHADED ÁREAS, / WITHIN LIMIT OF WORK WILL HAVÉ EXTENDED STAND POSTS TO ACCOMMODATE THE STEEP SLOPES. ------WF #K14 WF| #K15 B.V.W. 🕻 WF #393 🔹 🗡 WF #3 • *B.V.W*. 'i 🎼 / / 14 ' EDGE (TYP.) - APPROX. 25' WETLA BUFFER (TYP.) ciaba∎. K. – APPROX. 50' WETLAN BUFFER (TYP.) À, — APPROX. 25' WETLAN BUFFER (TYP.) WF #408 🖉 💊 ALL RED SHADED AREAS, WITHIN LIMIT OF WORK WILL HAVE EXTENDED STAND POSTS TO ACCOMMODATE × 202.4

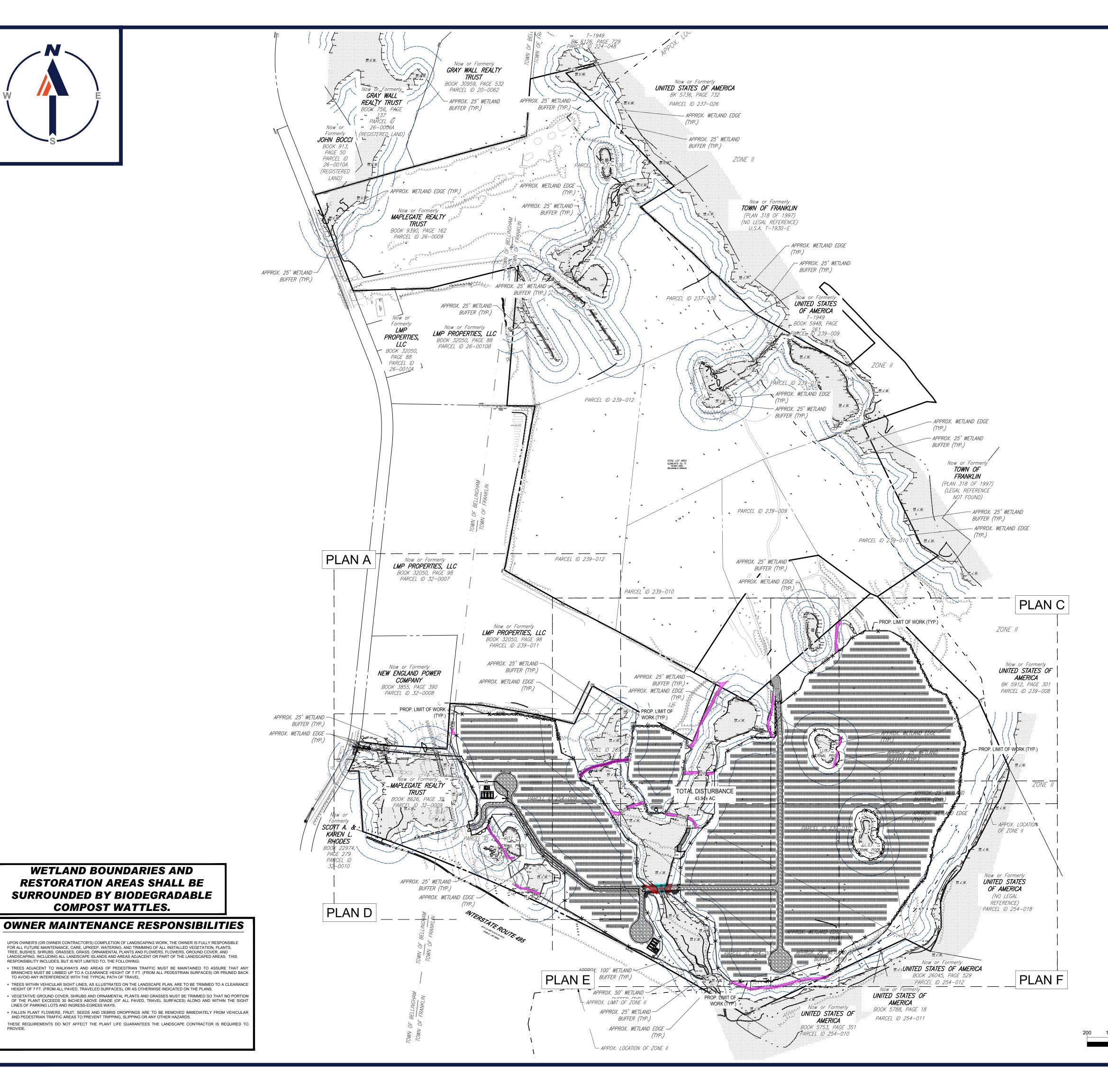
3.4 2 87.3 × 230,3

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WF #427







RESPONSIBILITY INCLUDES, BUT IS NOT LIMITED TO, THE FOLLOWING:

LINES OF PARKING LOTS AND INGRESS-EGRESS WAYS.

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	REV DATE COMMENT DRAWN BY 1 10/04/2023 REVS PER UTILITY JDL 2 02/16/2024 PER TOWN SMK 3 02/21/2024 PER CONS COM SMK 4 0 0 0
	Know what's below. Call before you dig. ALWAYS CALL 811 It's fast. It's free. It's the law.
	AGENCY REVIEW & APPROVAL THIS DRAWING IS INTENDED FOR MUNICIPAL AND/OR AGENCY REVIEW AND APPROVAL. IT IS NOT INTENDED AS A CONSTRUCTION DOCUMENT UNLESS INDICATED OTHERWISE. PROJECT NO.: W201257 DRAWN BY: CMC / OCR CHECKED BY: GD DATE: 07/20/2023 CAD I.D.: W201257.02-EROS-3A PROJECT: PROJECT: PROPOSED SITE PRO
THE PURPOSE OF THE OVERALL PLAN SHEET IS TO BE UTILIZED AS A SITE KEY MAP, TO PROVIDE SITE FEATURE LOCATIONS ONLY. PLEASE REFER TO EACH INDIVIDUAL SHEET FOR MORE INFORMATION.	SOLAR LLC PROPOSED SOLAR FARM - SOUTH 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 BOHLER //
OUTSIDE OF THE 100-FOOT BUFFER ZONE TO RESOURCE AREAS. THIS PLAN TO BE UTILIZED FOR SITE SOIL AND EROSION CONTROL PURPOSES ONLY NEW ENGLAND CONSERVATION/WILDLIFE SEED MIX SHALL BE INSTALLED WITHIN ALL LANDSCAPE AREAS DELINEATED BY THE LIMIT OF WORK	SOUTHBOROUGH, MA 01772 Phone: (508) 480-9900 www.BohlerEngineering.com WW.BohlerEngineering.com WW.BohlerEngineering.com WHOF MASS VOHNA CIVIL No. 41530 CONNECTORING CONNECTO
REFER TO SOIL EROSION CONTROL NOTES & DETAIL SHEET FOR EROSION NOTES AND DETAILS EROSION CONTROL BARRIER SHALL CONSIST OF BOTH COMPOST WATTLES AND SILT FENCE UNLESS OTHERWISE NOTED. SEE DETAILS FOR MORE INFORMATION.	SHEET TITLE: OVERALL EROSION & SEDIMENT CONTROL PLAN SHEET NUMBER: C-601 REVISION 3 - 02/21/2024

ZONE //



REFER TO SHEET C-601 FOR LANDSCAPE SCHEDULE

STOCKPILES SHALL BE LOCATED **OUTSIDE OF THE 100-FOOT BUFFER** ZONE TO RESOURCE AREAS.

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

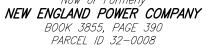
NEW ENGLAND CONSERVATION/WILDLIFE SEED MIX SHALL BE INSTALLED WITHIN ALL LANDSCAPE AREAS DELINEATED BY THE LIMIT OF WORK

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

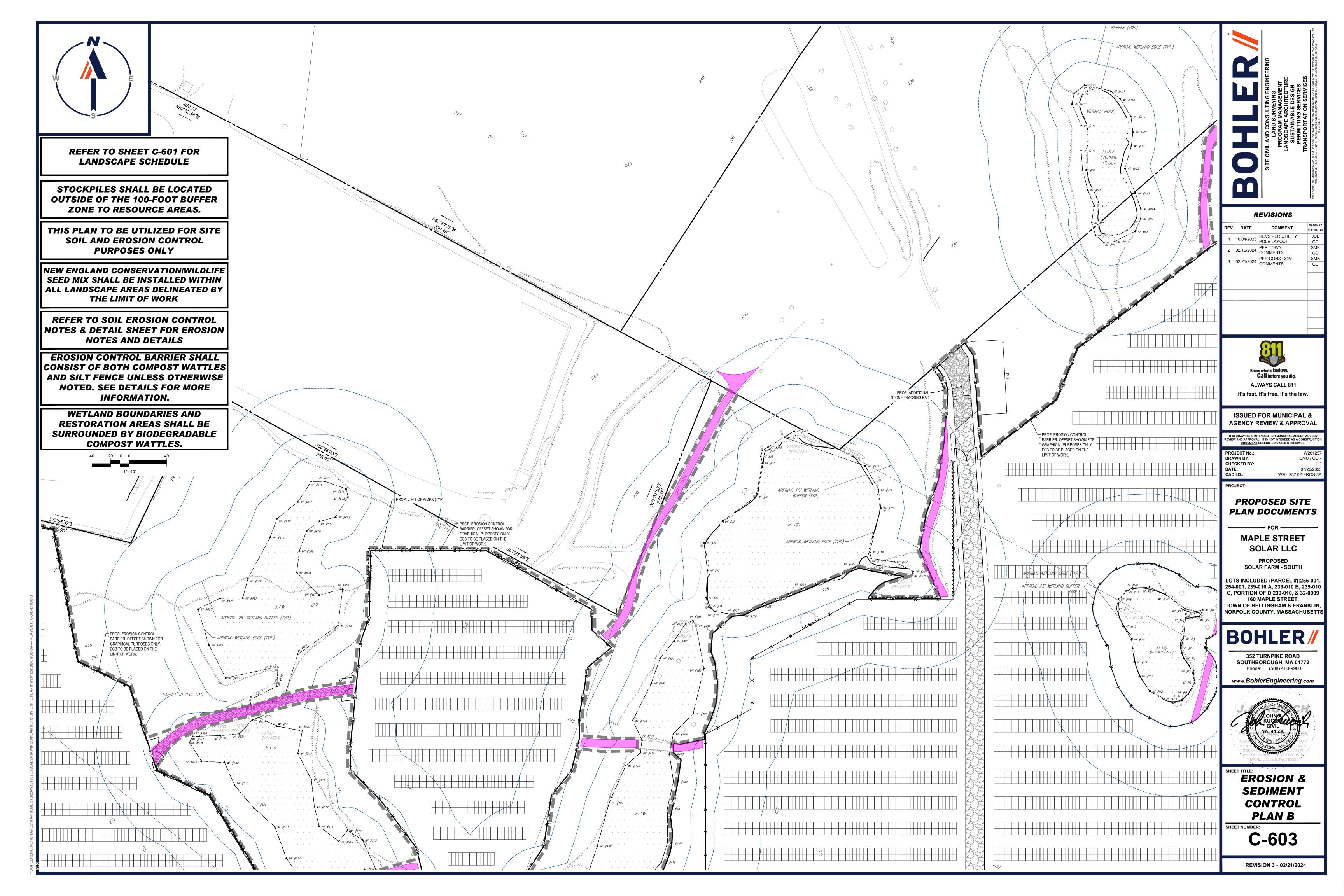
EROSION CONTROL BARRIER SHALL CONSIST OF BOTH COMPOST WATTLES AND SILT FENCE UNLESS OTHERWISE NOTED. SEE DETAILS FOR MORE INFORMATION.

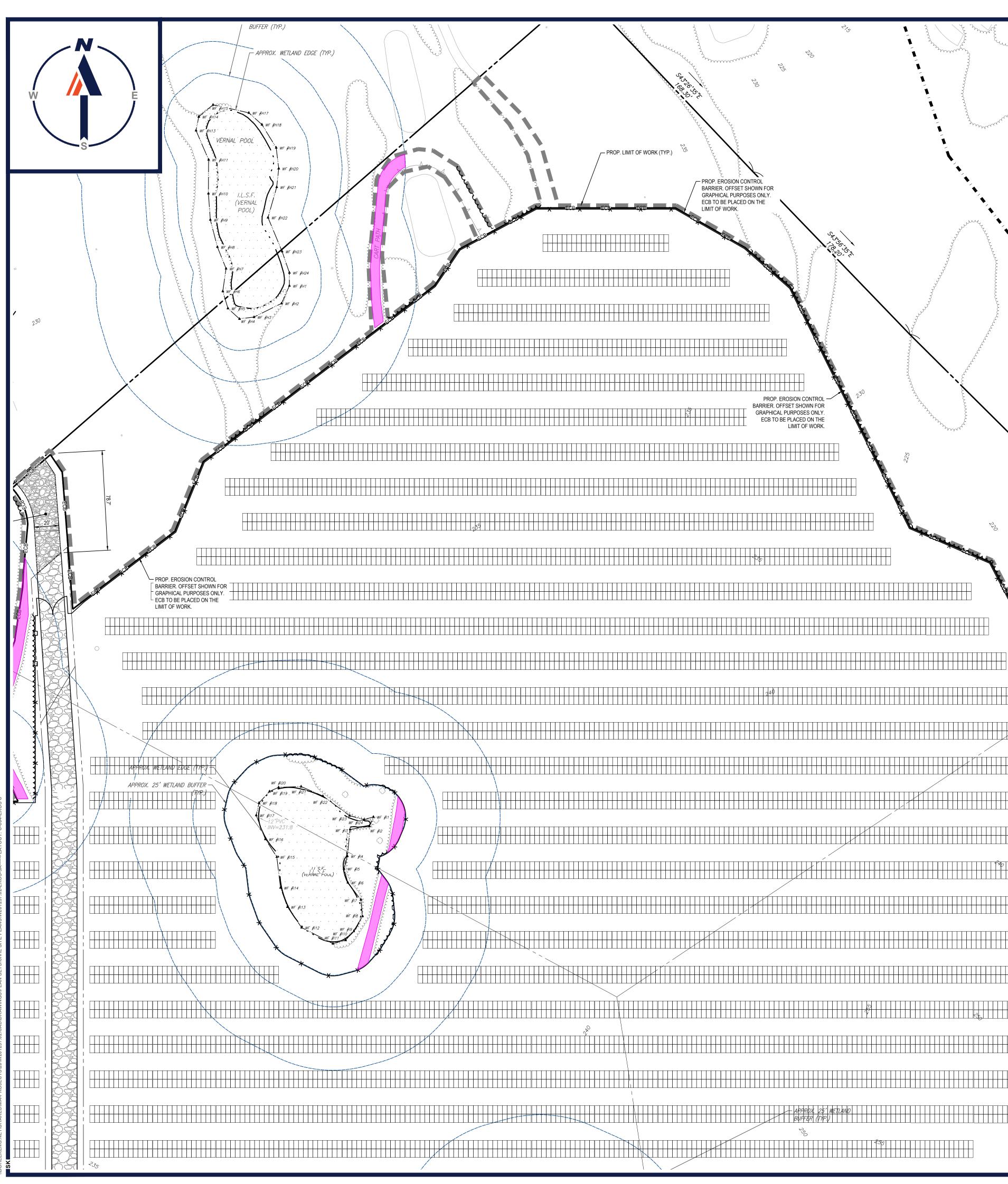
WETLAND BOUNDARIES AND RESTORATION AREAS SHALL BE SURROUNDED BY BIODEGRADABLE COMPOST WATTLES.

1''=40

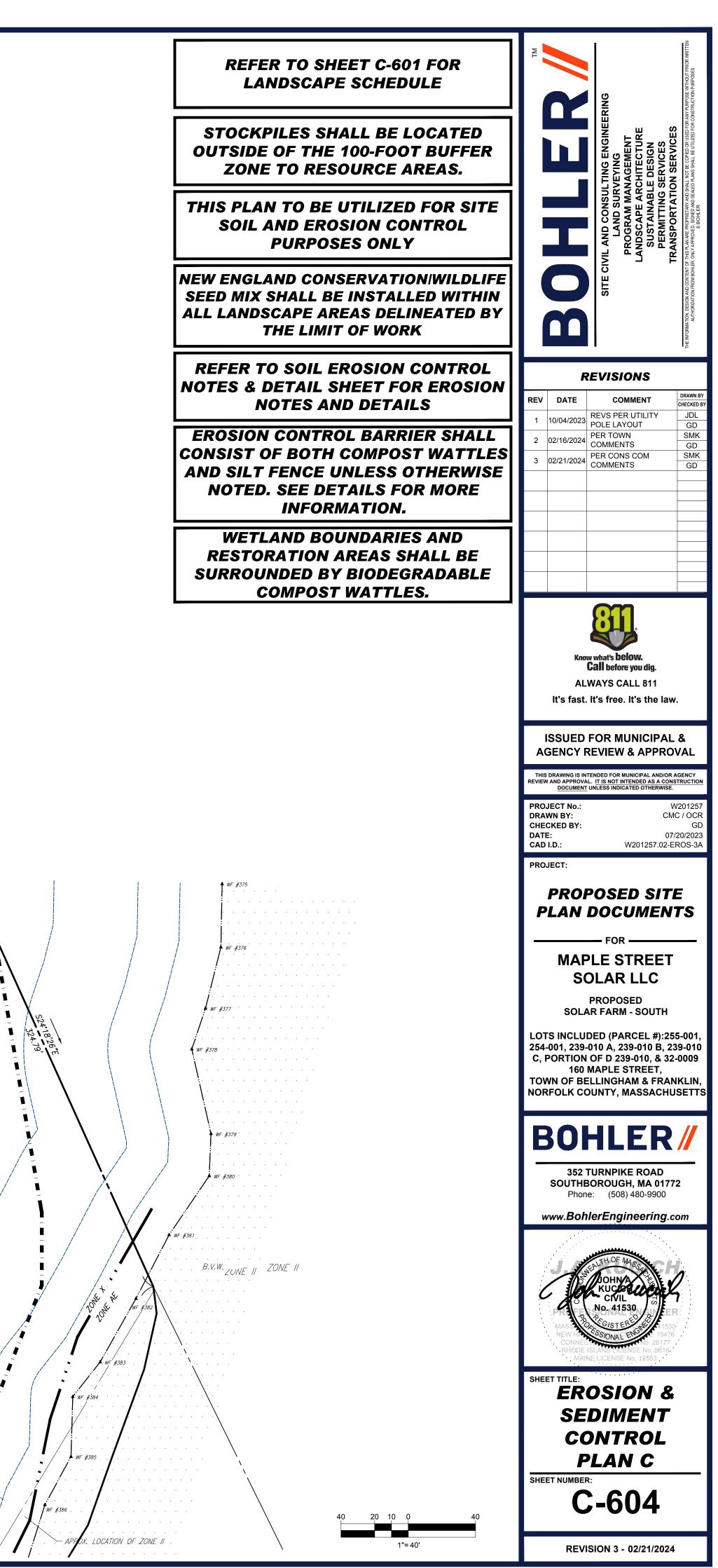


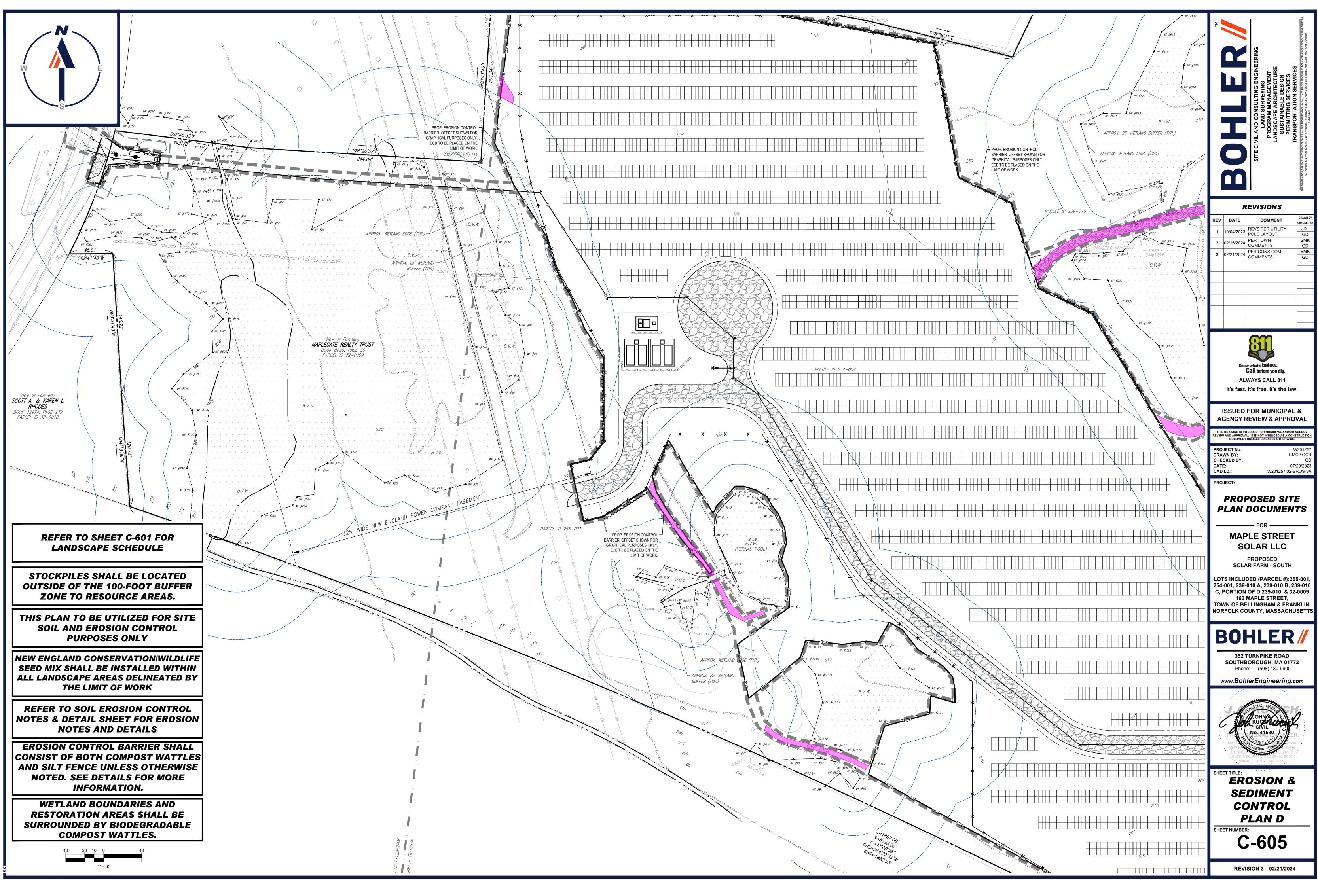




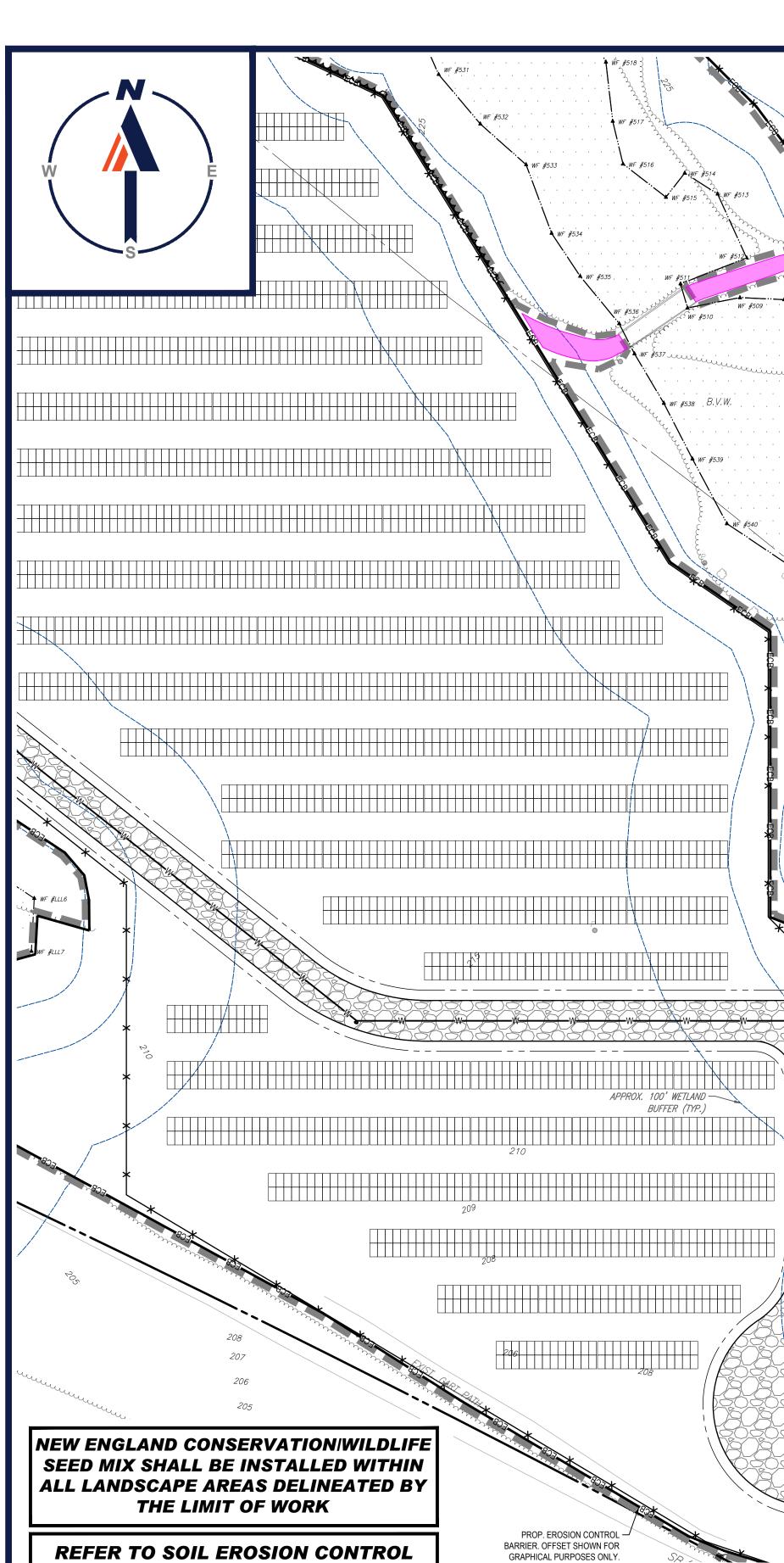


ZONE // - PROP. LIMIT OF WORK (TYP.) - PROP. EROSION CONTROL BARRIER. OFFSET SHOWN FOR GRAPHICAL PURPOSES ONLY. ECB TO BE PLACED ON THE LIMIT OF WORK. Now or Formerly UNITED STATES OF AMERICA BK 5912EL PAGE 301 PARCEL 1D 239-008 PROP. EROSION CONTROL -BARRIER. OFFSET SHOWN FOR GRAPHICAL PURPOSES ONLY. ECB TO BE PLACED ON THE LIMIT OF WORK. - PROP. LIMIT OF WORK (TYP.) BUFFER (TYP.)





ILERENG.NETISHARES\MA-PROJECTS\20\W201257.02\CAD\DRAWINGS\PLAN SETS\CIVIL SITE PLANS\W201257.02-EROS-3A----->LAYOUT: C-605-EROS D



REFER TO SHEET C-601 FOR LANDSCAPE SCHEDULE

STOCKPILES SHALL BE LOCATED OUTSIDE OF THE 100-FOOT BUFFER ZONE TO RESOURCE AREAS.

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

NOTES & DETAIL SHEET FOR EROSION NOTES AND DETAILS

EROSION CONTROL BARRIER SHALL

CONSIST OF BOTH COMPOST WATTLES

AND SILT FENCE UNLESS OTHERWISE

NOTED. SEE DETAILS FOR MORE

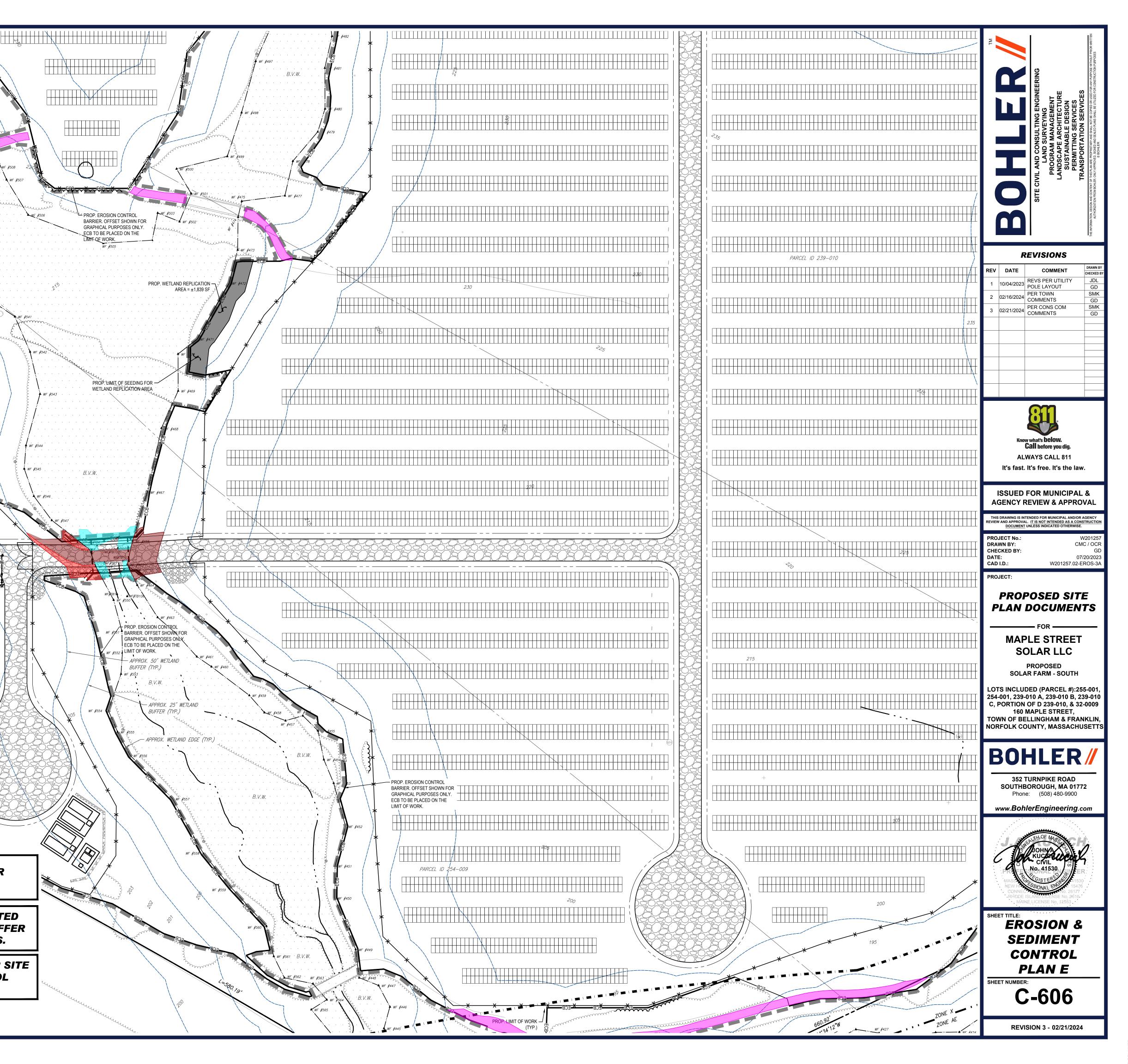
INFORMATION.

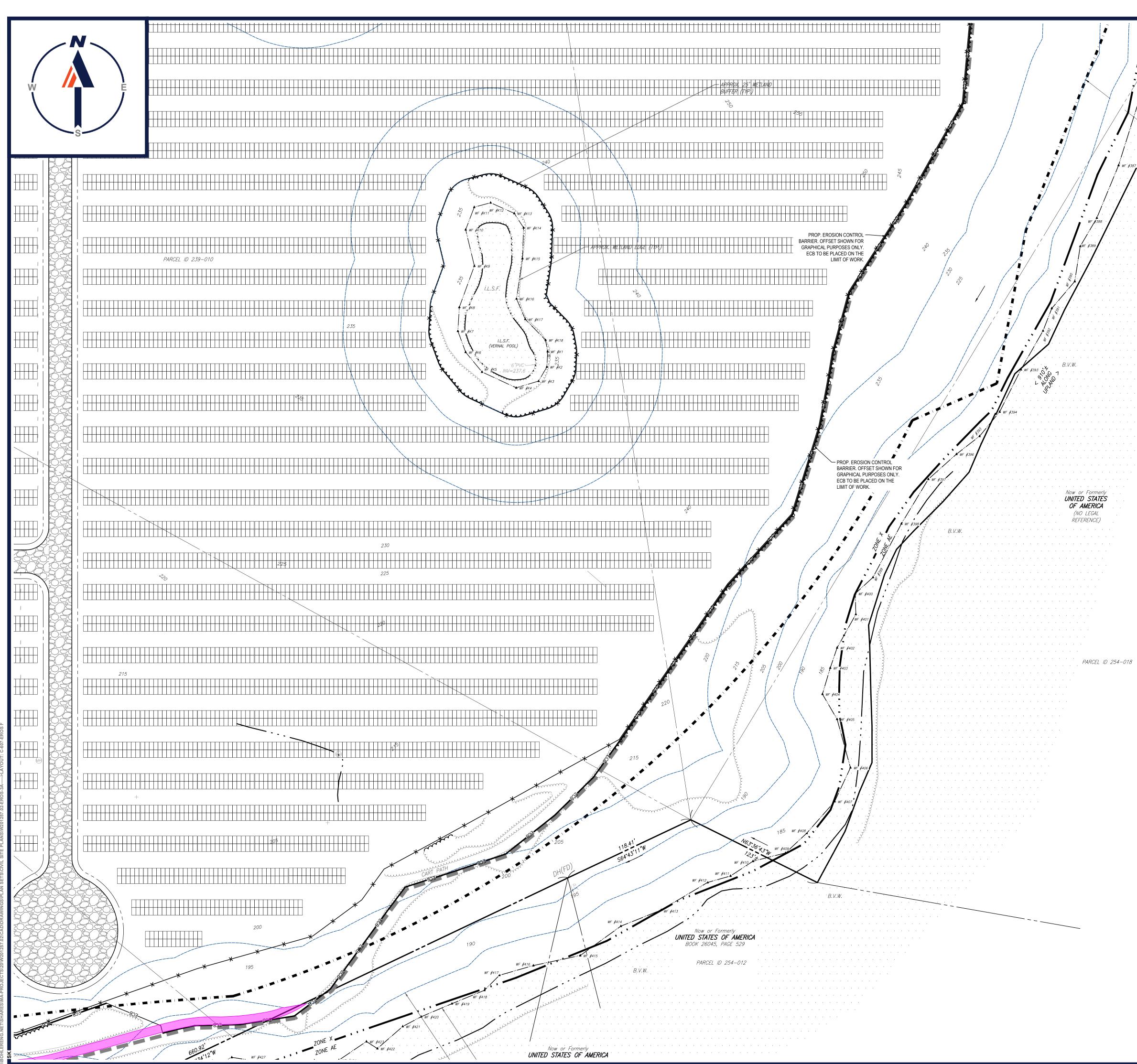
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COMPOST WATTLES.





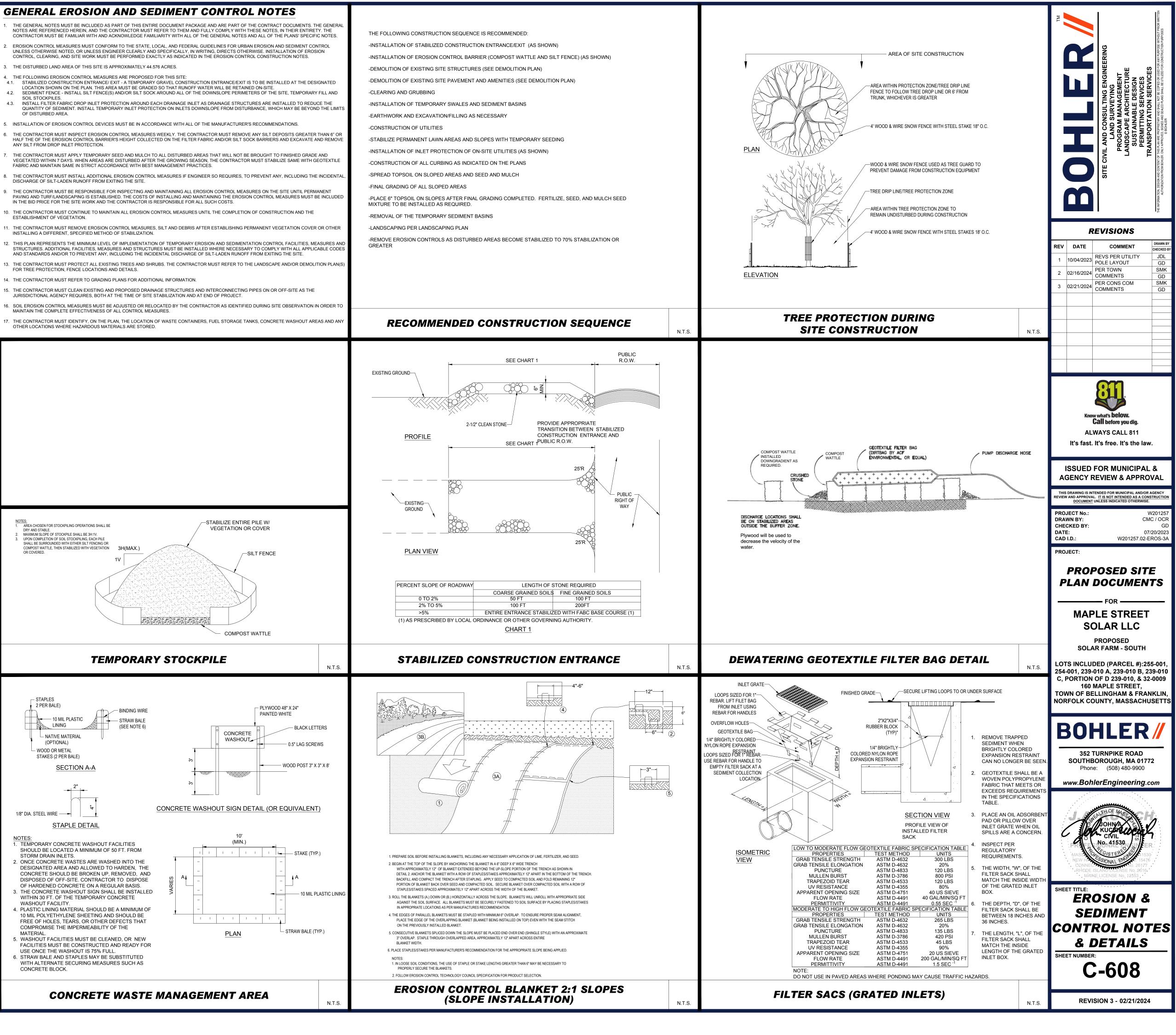
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V.W.		SITE CIVIL AND CON LLAND S PROGRAM LLAND SCAPE SUSTAIN PERMITTI TRANSPORT.
· · · · · · · ·	`\\	REVISIONS
		REV DATE COMMENT DRAWN BY CHECKED BY 1 10/04/2023 REVS PER UTILITY POLE LAYOUT JDL 2 02/16/2024 PER TOWN COMMENTS SMK GD 3 02/21/2024 PER CONS COM COMMENTS SMK GD
		Know what's below. Call before you dig. ALWAYS CALL 811 It's fast. It's free. It's the law.
		ISSUED FOR MUNICIPAL & AGENCY REVIEW & APPROVAL This drawing is intended for municipal and/or agency review and approval. It is not intended as a construction <u>bocument</u> unless indicated otherwise. PROJECT No.: W201257 DRAWN BY: CMEC / OCR CHECKED BY: GD DATE: DATE: 07/20/2023 CAD I.D.: PROJECT:
	REFER TO SHEET C-601 FOR LANDSCAPE SCHEDULE	PROPOSED SITE PLAN DOCUMENTS FOR MAPLE STREET SOLAR LLC
	STOCKPILES SHALL BE LOCATED OUTSIDE OF THE 100-FOOT BUFFER ZONE TO RESOURCE AREAS.	PROPOSED SOLAR FARM - SOUTH 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,
	THIS PLAN TO BE UTILIZED FOR SITE SOIL AND EROSION CONTROL PURPOSES ONLY	TOWN OF BELLINGHAM & FRANKLIN, NORFOLK COUNTY, MASSACHUSETTS
	NEW ENGLAND CONSERVATION/WILDLIFE SEED MIX SHALL BE INSTALLED WITHIN ALL LANDSCAPE AREAS DELINEATED BY THE LIMIT OF WORK	352 TURNPIKE ROAD SOUTHBOROUGH, MA 01772 Phone: (508) 480-9900 www.BohlerEngineering.com
	REFER TO SOIL EROSION CONTROL NOTES & DETAIL SHEET FOR EROSION NOTES AND DETAILS	JOHNA WOHNA KUCLOALLOOK CIVIL
	EROSION CONTROL BARRIER SHALL CONSIST OF BOTH COMPOST WATTLES AND SILT FENCE UNLESS OTHERWISE NOTED. SEE DETAILS FOR MORE	PR3FERSIONALIER MASS CONSTER NEW HA SSIONALIER CONNECTIONALIER CONNECTIONALIER RHODE ISLAND LICENSE No. 9616 MAINE LICENSE No. 12553
	INFORMATION. WETLAND BOUNDARIES AND RESTORATION AREAS SHALL BE SURROUNDED BY BIODEGRADABLE COMPOST WATTLES.	EROSION & SEDIMENT CONTROL PLAN F
	40 20 10 0 40 1"= 40'	SHEET NUMBER: C-607 REVISION 3 - 02/21/2024

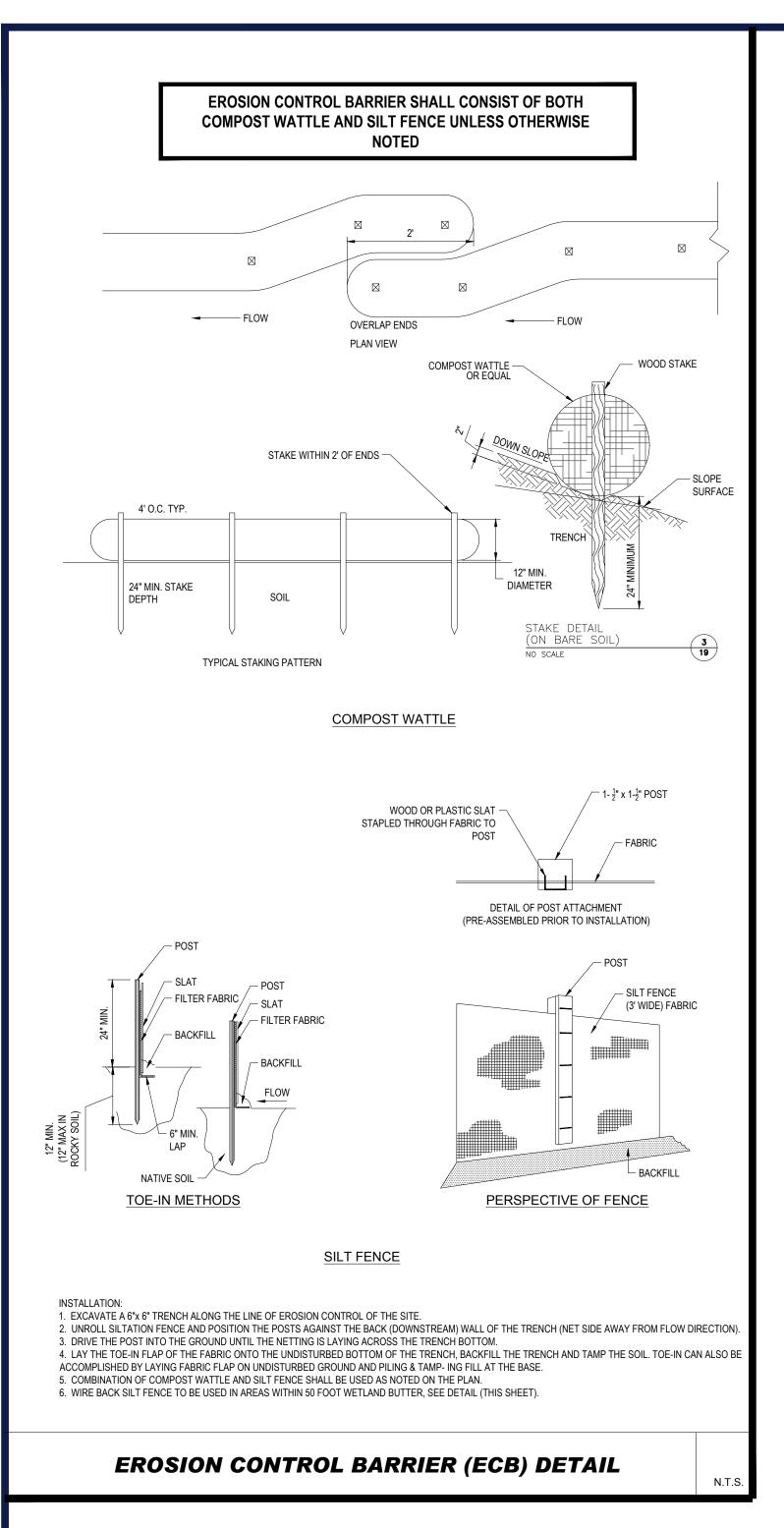
	5. 6. 7. 8. 9.	AT A MINIMUM, AREAS SHALL BE POLLUTION PREVENTION PLAN DAYS OF FINAL GRADING AND T DISTURBANCE IS WITHIN 100 FE STORM EVENT (THIS WOULD INC SEDIMENT BARRIERS (SILT FEM CONTRIBUTING DRAINAGE ARE/ GREATER THAN 8%. INSTALL SILTATION BARRIER AT INSTALL SILTATION BARRIER AT INSTALLATION. SILTATION BARRIER AT INSTALLATION. SILTATION BARRIER AT OR DECOMPOSITION. SEDIMENT DEPOSITS REACH APPROXIMAT AND BE MAINTAINED BY THE CC DEVICES THAT ARE WITHIN ARE AND BE REMOVED IN ACCORDA NO SLOPES, EITHER PERMANEN THE PLANS. SLOPE PROTECTION IF FINAL SEEDING OF THE DISTL MULCH (DORMANT SEEDING MA RECOMMENDED SEEDING PERIO TEMPORARY SEEDING OF DISTUF FIRST KILLING FROST TO PROTE DURING THE CONSTRUCTION PE LOCAL, STATE, AND FEDERAL S' REVEGETATION MEASURES WILL AREAS NOT OTHERWISE STABIL 10.1. SIX INCHES, OR DEPTH SF SMOOTHED TO A UNIFORM 10.2. APPLY LIMESTONE AND FE SITES, OR WHERE TIMING USING 10-20-20 OR EQUIV/ RATE OF 3 TONS PER ACR 10.3. FOLLOWING SEED BED PR FESCUE, 5% REDTOP, AND KENTUCKY BLUE-GRASS, A	E PERMANENTLY STABILIZED ACCORDING TO (SWPPP), OR IN THE ABSENCE OF A SWPPP, EMPORARILY STABILIZED WITHIN 30 DAYS OF ET OF A STREAM OR POND, THE AREA SHALL CLUDE WETLANDS). CE, STRAW BARRIERS, ETC.) SHOULD BE INS A ABOVE THEM. MULCH NETTING SHALL BE U TOE OF SLOPE TO FILTER SILT FROM RUNO CHER WILL REMAIN IN PLACE PER NOTE #5. TURES WILL BE INSPECTED, REPLACED AND/ CAINFALL OR SNOW MELT OR WHEN NO LONG TOEPOSITS SHOULD BE REMOVED AFTER EA ELY ONE HALF THE HEIGHT OF THE BARRIER INTRACTOR UNTIL AREAS UPSLOPE ARE PER AS SUBJECT TO CONSERVATION COMMISSIONCE WITH THE ORDER OF CONDITIONS. IT OR TEMPORARY, SHALL BE STEEPER THAI N FOR SLOPES GREATER THAN 2:1 SHALL BE IRBED AREAS IS NOT COMPLETED 45 DAYS F Y BE ATTEMPTED AS WELL) TO PROTECT TH DD. JRBED AREAS THAT HAVE NOT BEEN FINAL G ECT FROM SPRING RUNOFF PROBLEMS. HASE, INTERCEPTED SEDIMENT SHALL BE RE TANDARDS. L COMMENCE UPON COMPLETION OF CONST JZED WILL BE GRADED, SMOOTHED, AND PR TECTFIED ON THE LANDSCAPE PLAN, OF LOAM M SURFACE. ERTILIZER ACCORDING TO SOIL TEST. IF SOII IS CRITICAL, FERTILIZER MAY BE APPLIED AT ALENT. APPLY GROUND LIMESTONE (EQUIVA IE (138 LB PER1,000 SF). UPARATION, DITCHES AND BACK SLOPES WIL 0 48% TALL FESCUE. THE LAWN AREAS WILL 1 44% CREEPING RED FESCUE, AND 12% PERE	M WILL BE SPREAD OVER DISTURBED AREAS AND L TESTING IS NOT FEASIBLE ON SMALL OR VARIABLE T THE RATE OF 800 LB PER ACRE OR 18.4 LB PER 1,000 SF LENT TO 50% CALCIUM PLUS MAGNESIUM OXIDE) AT A ULL BE SEEDED TO A MIXTURE OF 47% CREEPING RED BE SEEDED TO A PREMIUM TURF MIXTURE OF 44% ENNIAL RYEGRASS: SEEDING RATE IS 1.03 LBS PER 1,000	 EROSION CONTROL MEASURES MUST CONFORM TO THE STATE, LI UNLESS OTHERWISE NOTED, OR UNLESS ENGINEER CLEARLY AND CONTROL, CLEARING, AND SITE WORK MUST BE PERFORMED EXA THE DISTURBED LAND AREA OF THIS SITE IS APPROXIMATELY 44.5 THE FOLLOWING EROSION CONTROL MEASURES ARE PROPOSED I 4.1. STABILIZED CONSTRUCTION ENTRANCE/ EXIT - A TEMPORARY LOCATION SHOWN ON THE PLAN. THIS AREA MUST BE GRADED 4.2. SEDIMENT FENCE - INSTALL SILT FENCE(S) AND/OR SILT SOCK SOIL STOCKPILES. INSTALL FILTER FABRIC DROP INLET PROTECTION AROUND EA QUANTITY OF SEDIMENT. INSTALL TEMPORARY INLET PROTEC OF DISTURBED AREA. INSTALLATION OF EROSION CONTROL DEVICES MUST BE IN ACCOF 6. THE CONTRACTOR MUST INSPECT EROSION CONTROL MEASURES HALF THE OF THE EROSION CONTROL BARRIER'S HEIGHT COLLEC' ANY SILT FROM DROP INLET PROTECTION. THE CONTRACTOR MUST APPLY TEMPORARY SEED AND MULCH TO VEGETATED WITHIN 7 DAYS. WHEN AREAS ARE DISTURBED AFTER FABRIC AND MAINTAIN SAME IN STRICT ACCORDANCE WITH BEST I 8. THE CONTRACTOR MUST INSTALL ADDITIONAL EROSION CONTROL DISCHARGE OF SILT-LADEN RUNOFF FROM EXITING THE SITE. THE CONTRACTOR MUST BE RESPONSIBLE FOR INSPECTING AND PAVING AND TURF/LANDSCAPING IS ESTABLISHED. THE COSTS OF IN THE BID PRICE FOR THE SITE WORK AND THE CONTRACTOR IS OF IN THE BID PRICE FOR THE SITE WORK AND THE CONTRACTOR IS OF IN THE BID PRICE FOR THE SITE WORK AND THE CONTRACTOR IS OF IN THE BID PRICE FOR THE SITE WORK AND THE CONTRACTOR SITE 10. THE CONTRACTOR MUST REPORE EROSION CONTROL MEASURES INSTALLING A DIFFERENT, SPECIFIED METHOD OF STABILIZATION. THE CONTRACTOR MUST REFORT EROSION CONTROL MEASURES INSTALLING A DIFFERENT, SPECIFIED METHOD OF STABILIZATION. THE CONTRACTOR MUST REPORE TALL EXISTING TREES AND SHR FOR TREE PROTECTION, FENCE LOCATIONS AND DETAILS. THE CONTRACTOR MUST REFER TO GRADING PLANS FOR ADDITION STRUCTURES. ADDITIONAL FACILITIES, MEASURES AND SHR FOR TREE PROTECTION, FENCE COLATIONS AND DETAIL
		SF LAWN. QUALITY SOD M THAN 3:1 SHOULD BE PEG	AY BE SUBSTITUTED FOR SEED WHERE SLO GED.	PES DO NOT EXCEED 2:1, SOD ON SLOPES STEEPER PLICATION OF WOOD OR PAPER FIBER SHALL BE APPLIED	17. THE CONTRACTOR MUST IDENTIFY, ON THE PLAN, THE LOCATION OTHER LOCATIONS WHERE HAZARDOUS MATERIALS ARE STORED
	11.	ALL TEMPORARY EROSION CON		ON STRAW MULCH FOR WIND CONTROL. E THE SITE IS 70% STABILIZED. FOR EROSION CONTROL SION JURISDICTION, THE MEASURES SHALL REMAIN IN	
	12	PLACE AND BE REMOVED IN AC	CORDANCE WITH THE ORDER OF CONDITION		
		THEREOF.		AVE AN EXPOSURE WINDOW OF NOT MORE THAN 7 DAYS.	
			A FLAGGED WETLAND OR STREAM SHALL FO	OLLOW APPROPRIATE EROSION CONTROL MEASURES	
		LOCATION PROTECTED AREA	MULCH STRAW	MULCH RATE (1000 SF) 100 POUNDS	
		WINDY AREA	SHREDDED OR CHOPPED CORNSTALKS STRAW (ANCHORED)*	185-275 POUNDS 100 POUNDS	
		MODERATE TO HIGH VELOCITY AREAS OR STEEP SLOPES GREATEI THAN 3:1	JUTE MESH OR EXCELSIOR MAT	AS REQUIRED	
		GREATER THAN 3:1	(REFER TO GEOTECHNICAL REPORT FO	R FINAL DESIGN REQUIREMENT)	
		* A HYDRO-APPLICATION OF WC BE USED TO ADDITIONAL WIND		OWING SEEDING. A SUITABLE NON-TOXIC BINDER SHALL	
		CELLULOSE FIBER (750 LBS/ACF		CK); MULCH NETTING (AS PER MANUFACTURER); WOOD R'S SPECIFICATIONS); USE OF A SERRATED STRAIGHT	NOTES: 1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
_	-	DISK. WETTING FOR SMALL ARE			 MAXIMUM SLOPE OF STOCKPILE SHALL BE 3H:1V. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE
	15.	PROPOSED LOCATIONS OF SUR DURING CONSTRUCTION.SEDIM FEDERAL REQUIREMENTS. 15.1. TEMPORARY SEDIMENT T SEDIMENT CONTROL GUIE TRIBUTARY AREA WITH A	ENT TRAPS SHALL BE SIZED AND CONSTRUC RAPS SHALL BE SIZED PER THE CURRENT EE DELINES FOR URBAN AND SUBURBAN AREAS MAXIMUM TRIBUTARY AREA OF 5 ACRES, MA	CAN BE UTILIZED AS A TEMPORARY SEDIMENT TRAP CTED IN ACCORDANCE WITH ALL LOCAL, STATE, AND DITION OF THE "MASSACHUSETTS EROSION AND " AND PROVIDE A MINIMUM OF 1,800 CF PER ACRE OF INTAIN A 2:1 LENGTH TO WIDTH RATIO, AND NOT EXCEED	
		PROPOSED LOCATIONS OF SUR DURING CONSTRUCTION.SEDIM FEDERAL REQUIREMENTS. 15.1. TEMPORARY SEDIMENT TI SEDIMENT CONTROL GUIE TRIBUTARY AREA WITH A 5 FT IN HEIGHT. UPON SIT TRAP EXCAVATED TO 1 FO PROMOTE INFILTRATION, A	ENT TRAPS SHALL BE SIZED AND CONSTRUC RAPS SHALL BE SIZED PER THE CURRENT EE DELINES FOR URBAN AND SUBURBAN AREAS MAXIMUM TRIBUTARY AREA OF 5 ACRES, MA E STABILIZATION, ACCUMULATED SEDIMENT DOT BELOW THE TRAP. THE AREA SHALL THE AND GRADED AND STABILIZED IN ACCORDAN	CTED IN ACCORDANCE WITH ALL LOCAL, STATE, AND DITION OF THE "MASSACHUSETTS EROSION AND " AND PROVIDE A MINIMUM OF 1,800 CF PER ACRE OF INTAIN A 2:1 LENGTH TO WIDTH RATIO, AND NOT EXCEED SHALL BE REMOVED AND THE TEMPORARY SEDIMENT EN BE SCARIFIED TO PREVENT COMPACTION AND ICE WITH THE GRADING AND LANDSCAPE PLANS.	3. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH EITHER SILT FENCING OR COMPOST WATTLE, THEN STABILIZED WITH VEGETATION OR COVERED.
	16.	PROPOSED LOCATIONS OF SUR DURING CONSTRUCTION.SEDIM FEDERAL REQUIREMENTS. 15.1. TEMPORARY SEDIMENT TI SEDIMENT CONTROL GUIE TRIBUTARY AREA WITH A 5 FT IN HEIGHT. UPON SITI TRAP EXCAVATED TO 1 FO PROMOTE INFILTRATION, A STOCKPILING OF MATERIALS (D ANY DUST PROBLEMS THAT MAT RUNOFF.	ENT TRAPS SHALL BE SIZED AND CONSTRUC RAPS SHALL BE SIZED PER THE CURRENT EE DELINES FOR URBAN AND SUBURBAN AREAS MAXIMUM TRIBUTARY AREA OF 5 ACRES, MA E STABILIZATION, ACCUMULATED SEDIMENT DOT BELOW THE TRAP. THE AREA SHALL THE AND GRADED AND STABILIZED IN ACCORDAN IRT, WOOD, CONSTRUCTION MATERIALS, ETG	CTED IN ACCORDANCE WITH ALL LOCAL, STATE, AND DITION OF THE "MASSACHUSETTS EROSION AND " AND PROVIDE A MINIMUM OF 1,800 CF PER ACRE OF INTAIN A 2:1 LENGTH TO WIDTH RATIO, AND NOT EXCEED SHALL BE REMOVED AND THE TEMPORARY SEDIMENT EN BE SCARIFIED TO PREVENT COMPACTION AND ICE WITH THE GRADING AND LANDSCAPE PLANS. C.) MUST REMAIN COVERED AT ALL TIMES TO MINIMIZE TO PROVIDE MAXIMUM PROTECTION AGAINST EROSION	3. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH EITHER SILT FENCING OR COMPOST WATTLE, THEN STABILIZED WITH VEGETATION OR COVERED.
	16. 17.	PROPOSED LOCATIONS OF SUR DURING CONSTRUCTION.SEDIM FEDERAL REQUIREMENTS. 15.1. TEMPORARY SEDIMENT TO SEDIMENT CONTROL GUIE TRIBUTARY AREA WITH A 5 FT IN HEIGHT. UPON SITI TRAP EXCAVATED TO 1 FO PROMOTE INFILTRATION, A STOCKPILING OF MATERIALS (D ANY DUST PROBLEMS THAT MAR RUNOFF. EXISTING CATCH BASIN STRUCT THE CONTRACTOR MUST PERFO	ENT TRAPS SHALL BE SIZED AND CONSTRUC RAPS SHALL BE SIZED PER THE CURRENT EL DELINES FOR URBAN AND SUBURBAN AREAS' MAXIMUM TRIBUTARY AREA OF 5 ACRES, MA E STABILIZATION, ACCUMULATED SEDIMENT DOT BELOW THE TRAP. THE AREA SHALL THE AND GRADED AND STABILIZED IN ACCORDAN IRT, WOOD, CONSTRUCTION MATERIALS, ETC Y OCCUR WITH ADJACENT PROPERTIES AND TURES SHALL BE PROTECTED UNTIL SUCH TI DRM DEWATERING (IF REQUIRED), IN ACCOR Y TO OBTAIN AND PAY FOR THE COSTS ASSO	CTED IN ACCORDANCE WITH ALL LOCAL, STATE, AND DITION OF THE "MASSACHUSETTS EROSION AND " AND PROVIDE A MINIMUM OF 1,800 CF PER ACRE OF INTAIN A 2:1 LENGTH TO WIDTH RATIO, AND NOT EXCEED SHALL BE REMOVED AND THE TEMPORARY SEDIMENT EN BE SCARIFIED TO PREVENT COMPACTION AND ICE WITH THE GRADING AND LANDSCAPE PLANS. C.) MUST REMAIN COVERED AT ALL TIMES TO MINIMIZE TO PROVIDE MAXIMUM PROTECTION AGAINST EROSION	3. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH EITHER SILT FENCING OR COMPOST WATTLE, THEN STABILIZED WITH VEGETATION OR COVERED. 1V
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EROSION AND SEDIMENT CONTROL NOTES

EROSION CONTROL MANUAL.

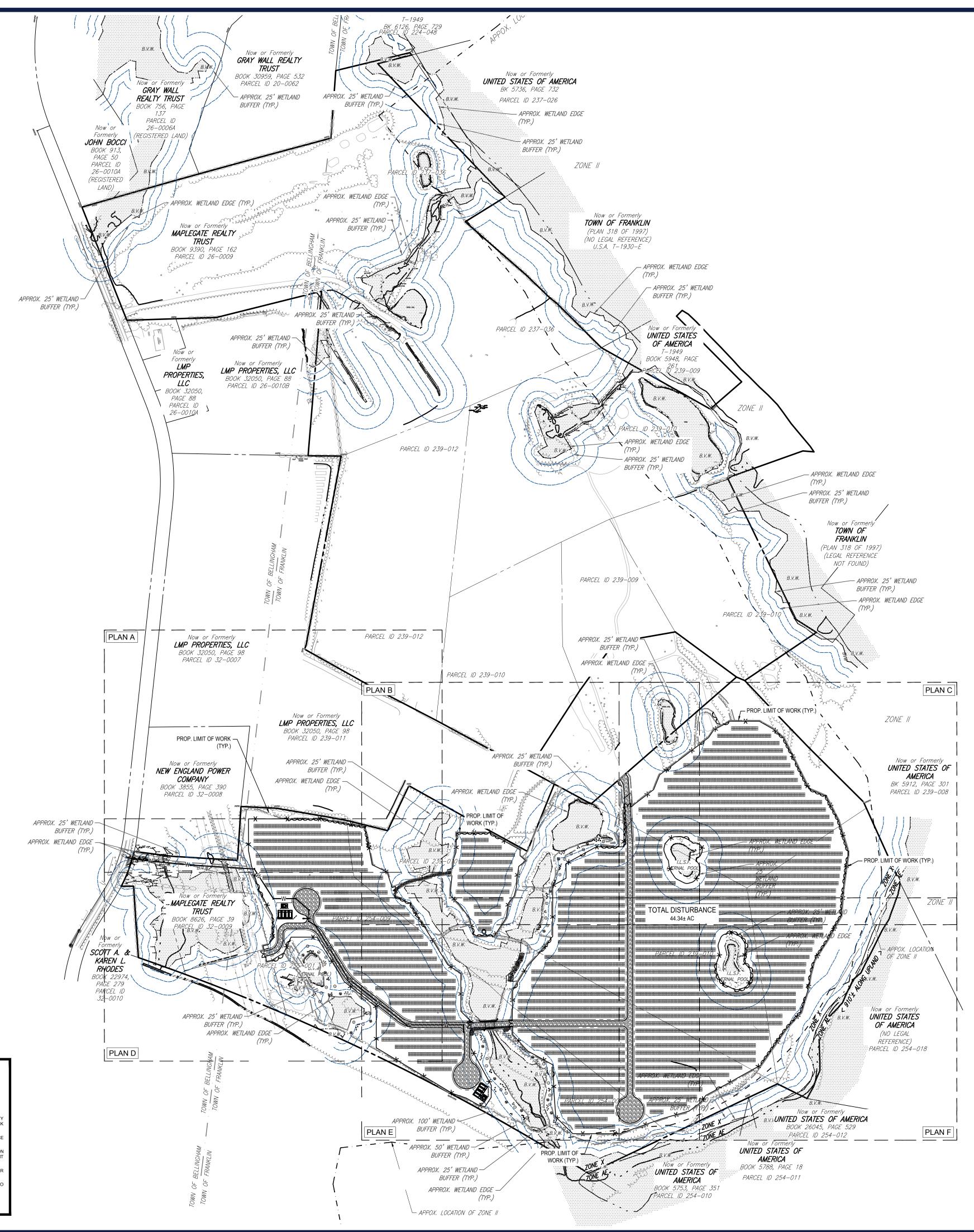
ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE DONE AS SET FORTH IN THE MOST CURRENT STATE SEDIMENT AND





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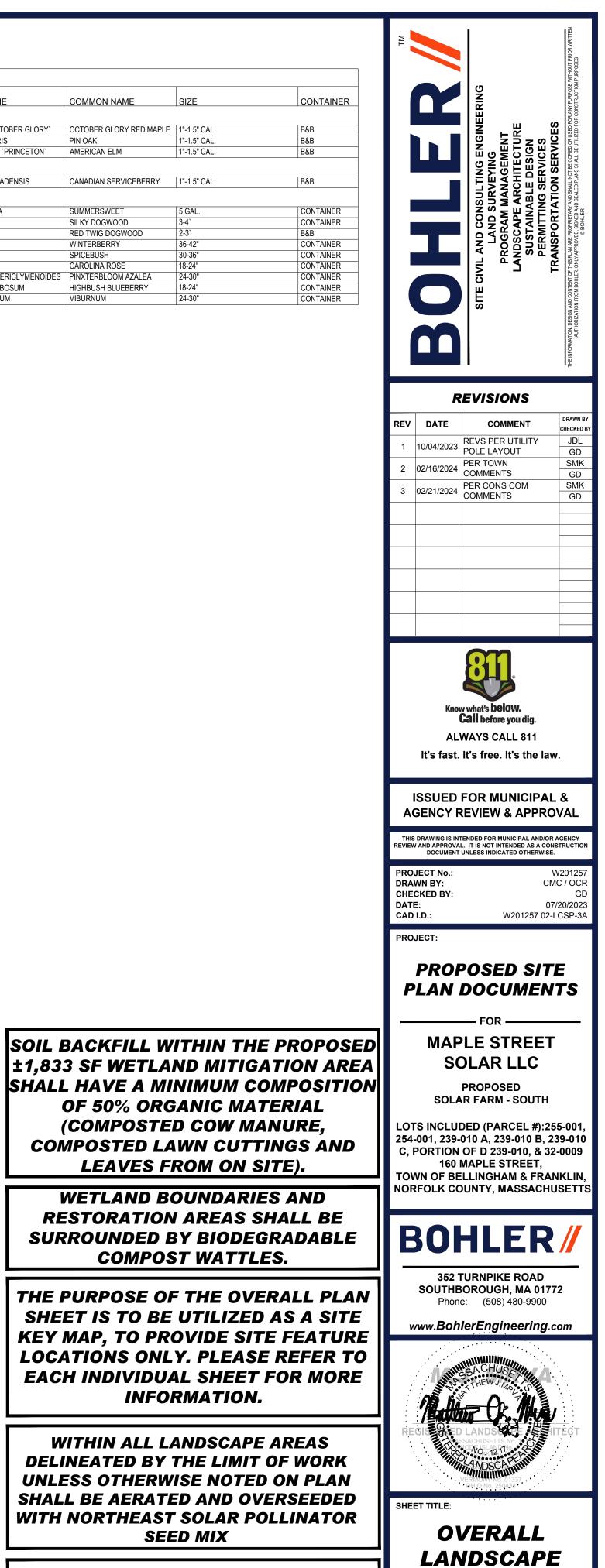


OWNER MAINTENANCE RESPONSIBILITIES

JPON OWNER'S (OR OWNER CONTRACTOR'S) COMPLETION OF LANDSCAPING WORK, THE OWNER IS FULLY RESPONSIBLE FOR ALL FUTURE MAINTENANCE, CARE, UPKEEP, WATERING, AND TRIMMING OF ALL INSTALLED VEGETATION, PLANTS, TREE, BUSHES, SHRUBS, GRASSES, GRASS, ORNAMENTAL PLANTS AND FLOWERS, FLOWERS, GROUND COVER, AND

- LANDSCAPING, INCLUDING ALL LANDSCAPE ISLANDS AND AREAS ADJACENT OR PART OF THE LANDSCAPED AREAS. THIS ESPONSIBILITY INCLUDES, BUT IS NOT LIMITED TO, THE FOLLOWING: TREES ADJACENT TO WALKWAYS AND AREAS OF PEDESTRIAN TRAFFIC MUST BE MAINTAINED TO ASSURE THAT AN
- BRANCHES MUST BE LIMBED UP TO A CLEARANCE HEIGHT OF 7 FT. (FROM ALL PEDESTRIAN SURFACES) OR PRUNED BAC TO AVOID ANY INTERFERENCE WITH THE TYPICAL PATH OF TRAVEL. TREES WITHIN VEHICULAR SIGHT LINES, AS ILLUSTRATED ON THE LANDSCAPE PLAN, ARE TO BE TRIMMED TO A CLEARAN HEIGHT OF 7 FT. (FROM ALL PAVED, TRAVELED SURFACES), OR AS OTHERWISE INDICATED ON THE PLANS. VEGETATIVE GROUND COVER, SHRUBS AND ORNAMENTAL PLANTS AND GRASSES MUST BE TRIMMED SO THAT NO PORTIC F THE PLANT EXCEEDS 30 INCHES ABOVE GRADE (OF ALL PAVED, TRAVEL SURFACES) ALONG AND WITHIN THE SIGH LINES OF PARKING LOTS AND INGRESS-EGRESS WAYS.
- FALLEN PLANT FLOWERS, FRUIT, SEEDS AND DEBRIS DROPPINGS ARE TO BE REMOVED IMMEDIATELY FROM VEHICULA AND PEDESTRIAN TRAFFIC AREAS TO PREVENT TRIPPING, SLIPPING OR ANY OTHER HAZARDS. THESE REQUIREMENTS DO NOT AFFECT THE PLANT LIFE GUARANTEES THE LANDSCAPE CONTRACTOR IS REQUIRED TO

PLA	NT SC	CHEDULE			
CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER
CANOP	Y TRFF	S			
AROG	18	ACER RUBRUM 'OCTOBER GLORY'	OCTOBER GLORY RED MAPLE	1"-1.5" CAL.	B&B
QP	20	QUERCUS PALUSTRIS	PIN OAK	1"-1.5" CAL.	B&B
UAP	16	ULMUS AMERICANA `PRINCETON`	AMERICAN ELM	1"-1.5" CAL.	B&B
ORNAM	IENTAL	TREES	CANADIAN SERVICEBERRY	1"-1.5" CAL.	B&B
SHRUB				1-1.3 OAL.	bab
CA	29	CLETHRA ALNIFOLIA	SUMMERSWEET	5 GAL.	CONTAINER
COAM	6	CORNUS AMOMUM	SILKY DOGWOOD	3-4`	CONTAINER
CS	45	CORNUS SERICEA	RED TWIG DOGWOOD	2-3`	B&B
IVW	10	ILEX VERTICILLATA	WINTERBERRY	36-42"	CONTAINER
LB	8	LINDERA BENZOIN	SPICEBUSH	30-36"	CONTAINER
ROC	21	ROSA CAROLINA	CAROLINA ROSE	18-24"	CONTAINER
RP	13	RHODODENDRON PERICLYMENOIDES	PINXTERBLOOM AZALEA	24-30"	CONTAINER
VC	40	VACCINIUM CORYMBOSUM	HIGHBUSH BLUEBERRY	18-24"	CONTAINER
VD	32	VIBURNUM DENTATUM	VIBURNUM	24-30"	CONTAINER



REFER TO LANDSCAPE NOTES & DETAIL SHEET FOR LANSCAPE NOTES AND DETAILS

OF 50% ORGANIC MATERIAL

(COMPOSTED COW MANURE,

COMPOSTED LAWN CUTTINGS AND

LEAVES FROM ON SITE).

WETLAND BOUNDARIES AND

RESTORATION AREAS SHALL BE

SURROUNDED BY BIODEGRADABLE

COMPOST WATTLES.

INFORMATION.

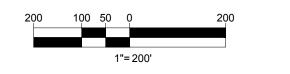
WITHIN ALL LANDSCAPE AREAS

DELINEATED BY THE LIMIT OF WORK

UNLESS OTHERWISE NOTED ON PLAN SHALL BE AERATED AND OVERSEEDED

WITH NORTHEAST SOLAR POLLINATOR

SEED MIX





REVISION 3 - 02/21/2024

PLAN

SHEET NUMBER

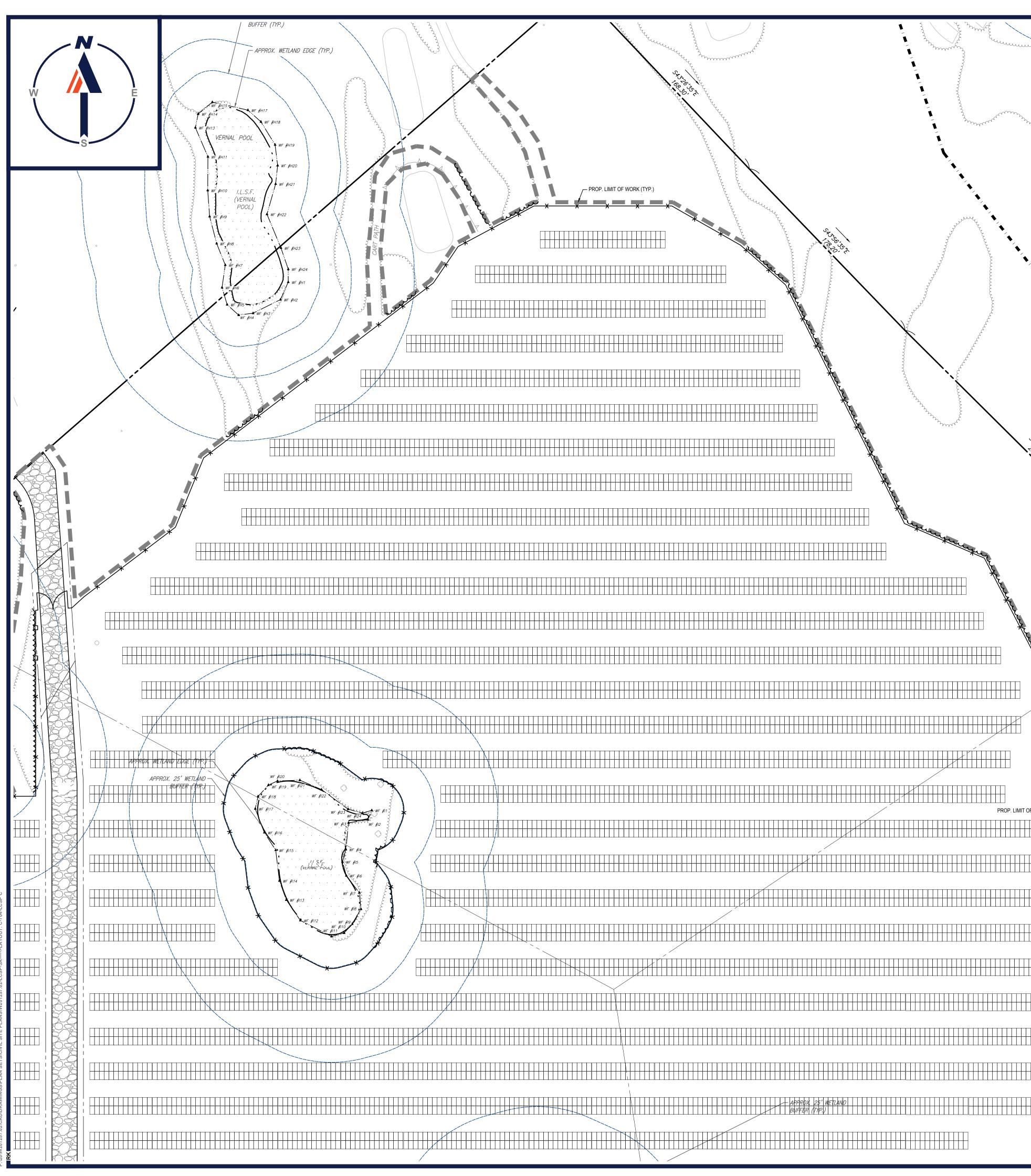


WITHIN ALL LANDSCAPE AREAS

REFER TO LANDSCAPE NOTES & AND DETAILS





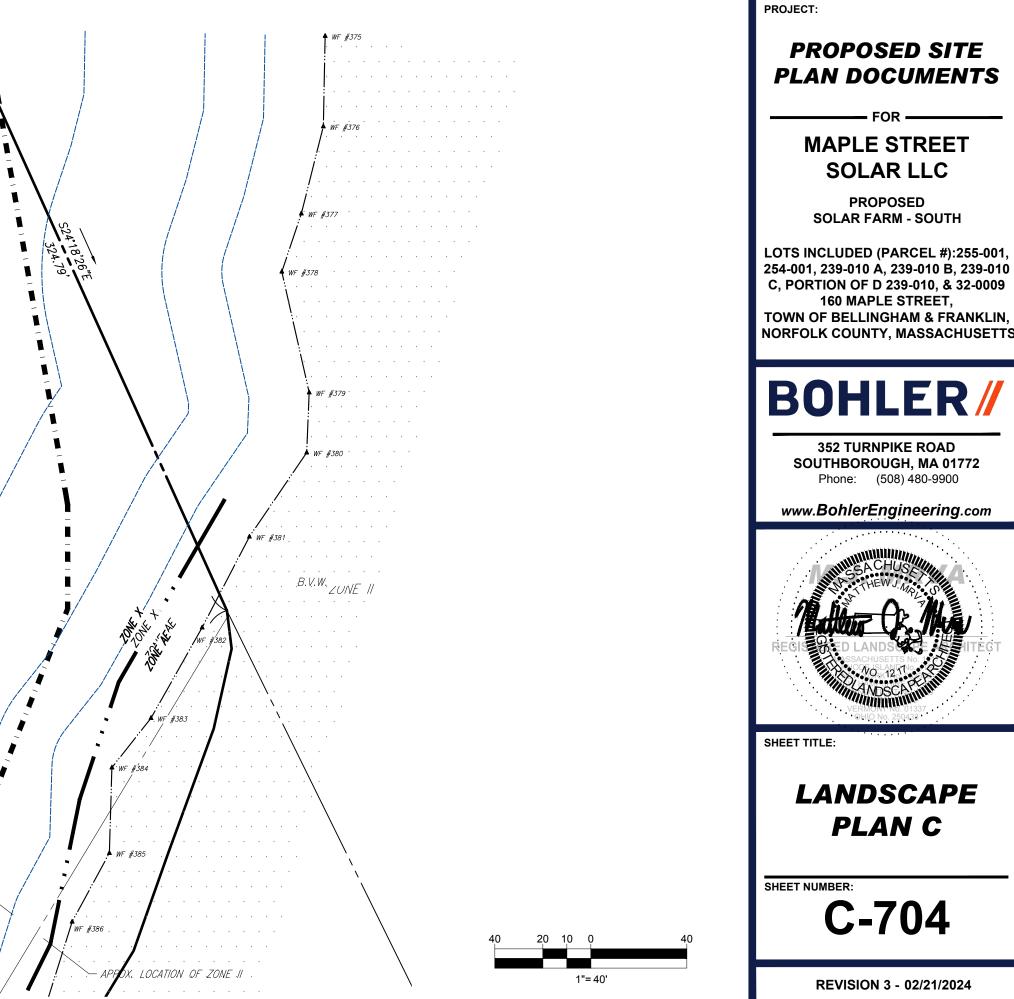


ZONE // - PROP. LIMIT OF WORK (TYP.) Now or Formerly
UNITED STATES OF AMERICA BK 5912 PACE 301 PARCEL 1D 239–008 PROP. LIMIT OF WORK (TYP.) -APPROX 25' METLAND

WITHIN ALL LANDSCAPE AREAS DELINEATED BY THE LIMIT OF WORK UNLESS OTHERWISE NOTED ON PLAN SHALL BE AERATED AND OVERSEEDED WITH NORTHEAST SOLAR POLLINATOR SEED MIX

REFER TO LANDSCAPE NOTES & DETAIL SHEET FOR LANSCAPE NOTES AND DETAILS









WF #538 B.V.W.

APPROX. 100' WETLAND BUFFER (TYP.)

WF #507

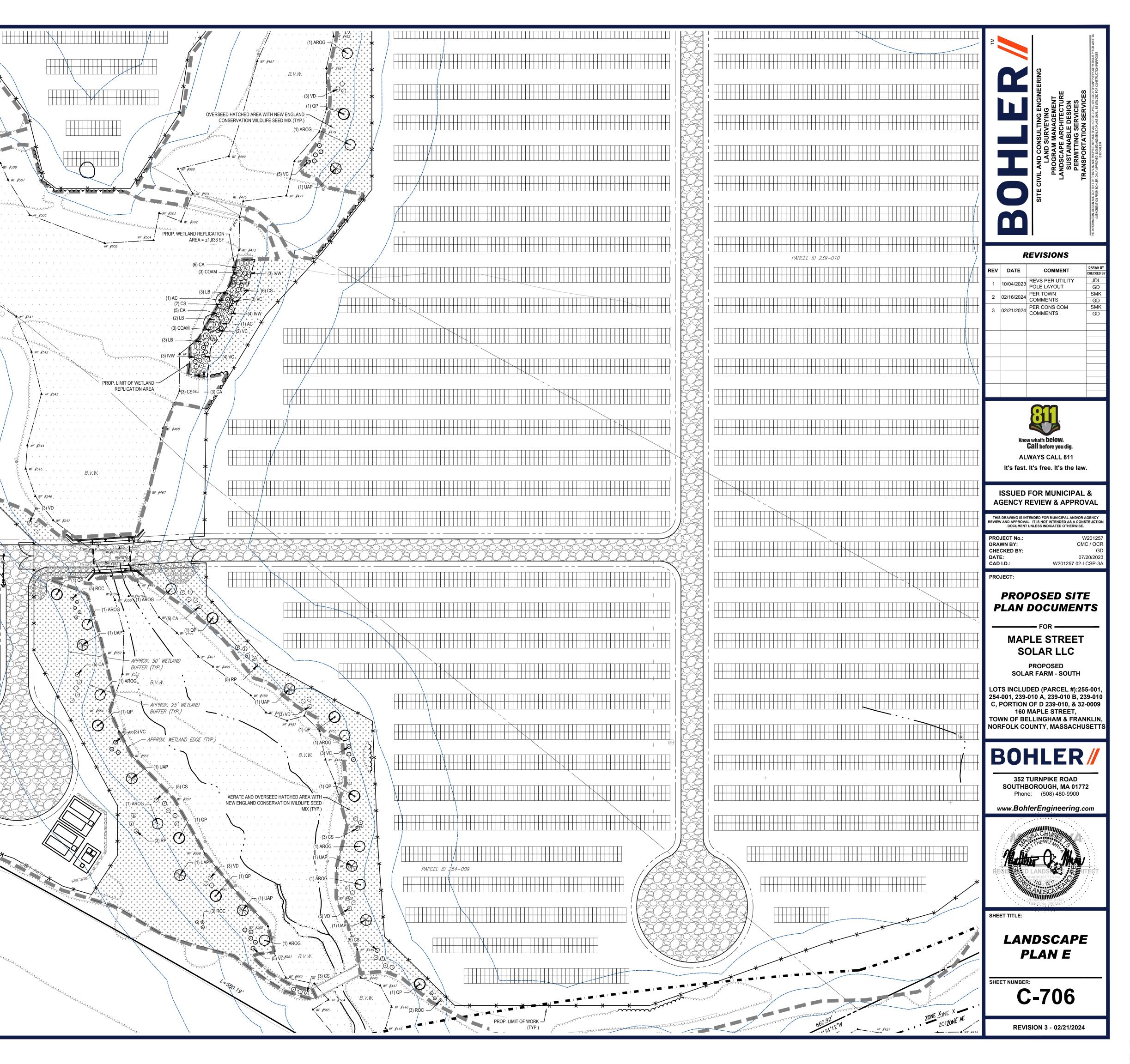
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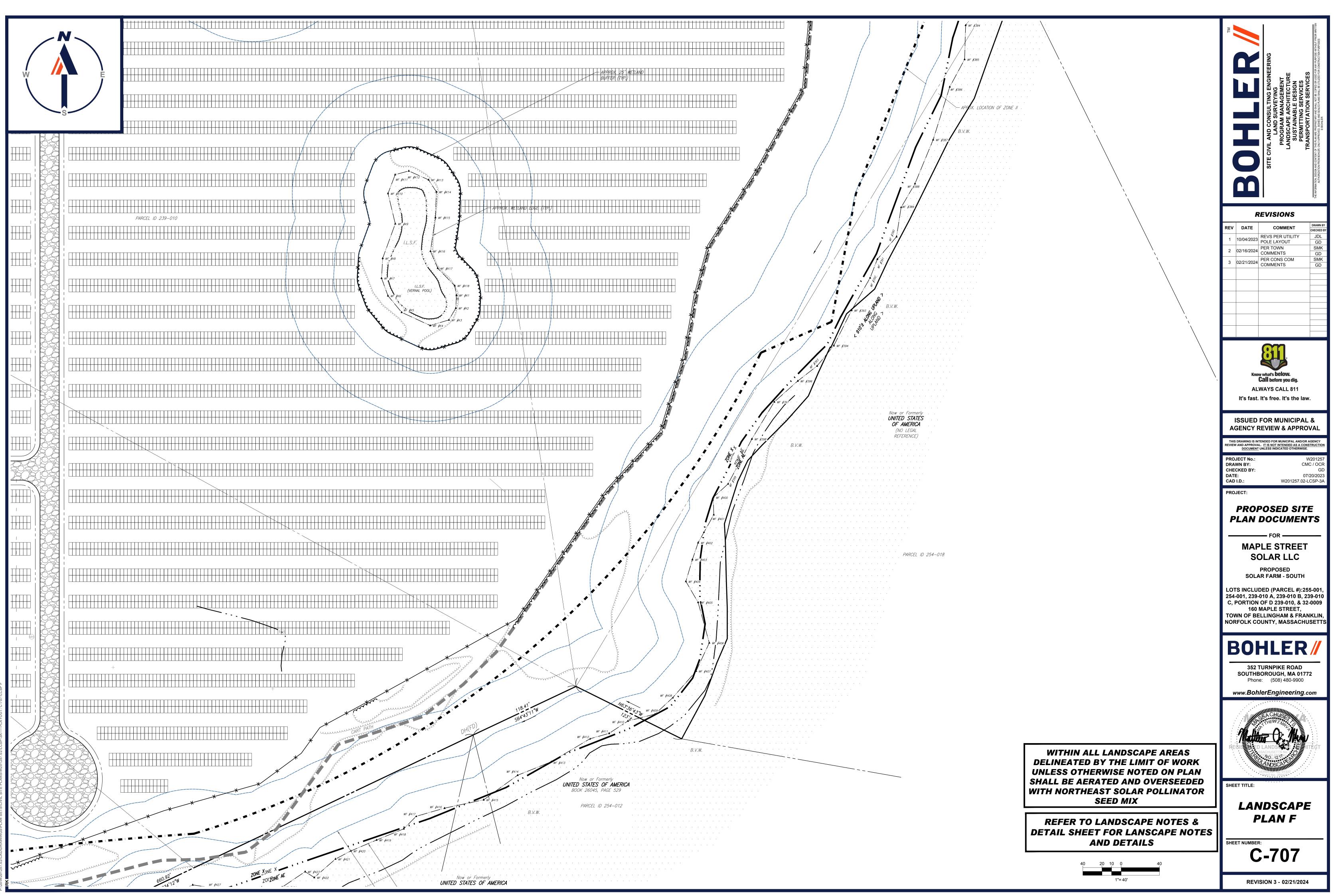
SOIL BACKFILL WITHIN THE PROPOSED ±1,833 SF WETLAND MITIGATION AREA SHALL HAVE A MINIMUM COMPOSITION **OF 50% ORGANIC MATERIAL** (COMPOSTED COW MANURE, **COMPOSTED LAWN CUTTINGS AND** LEAVES FROM ON SITE).

WITHIN ALL LANDSCAPE AREAS DELINEATED BY THE LIMIT OF WORK UNLESS OTHERWISE NOTED ON PLAN SHALL BE AERATED AND OVERSEEDED WITH NORTHEAST SOLAR POLLINATOR SEED MIX

REFER TO LANDSCAPE NOTES & DETAIL SHEET FOR LANSCAPE NOTES AND DETAILS

+++(1) QP⁺

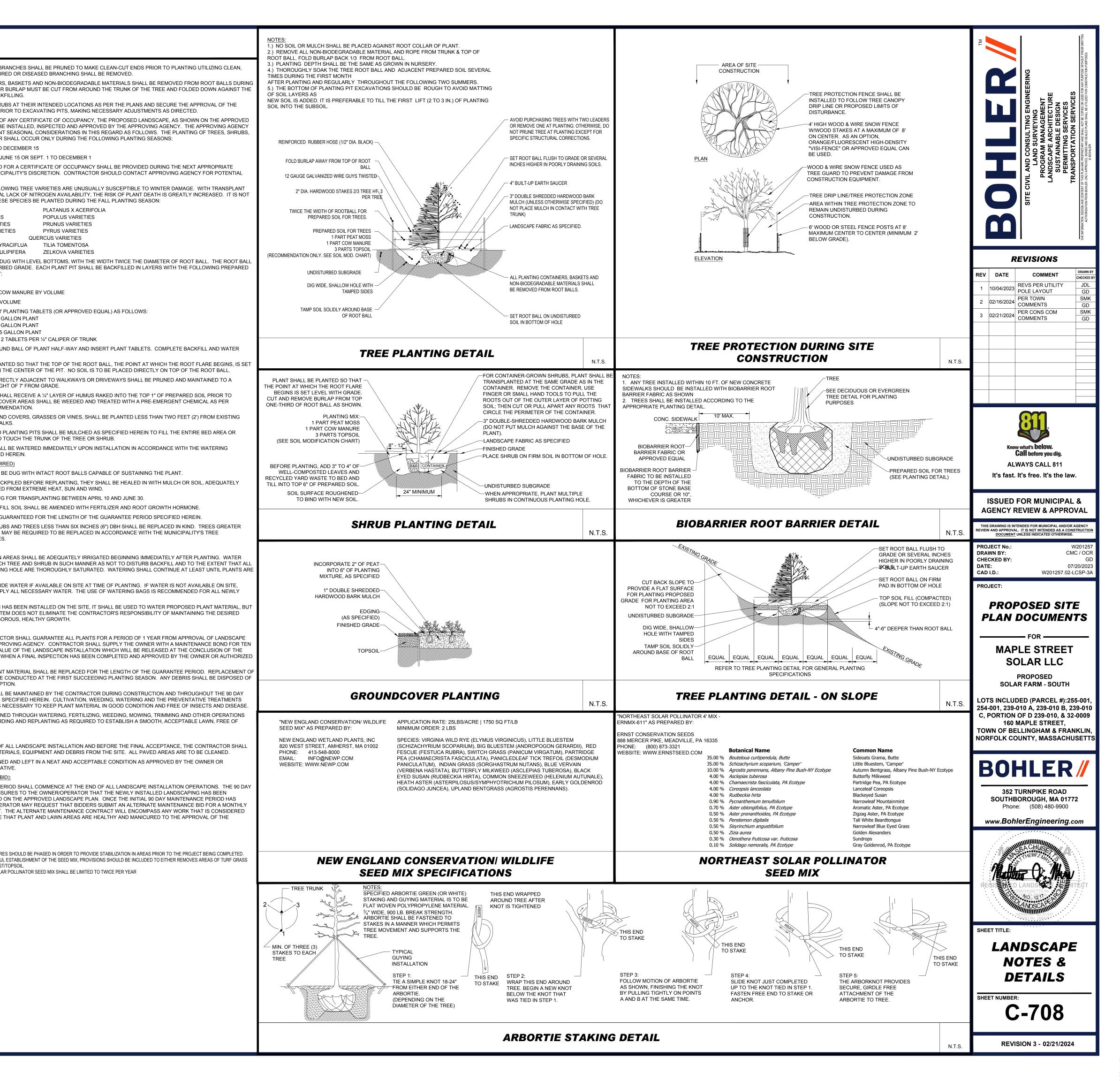


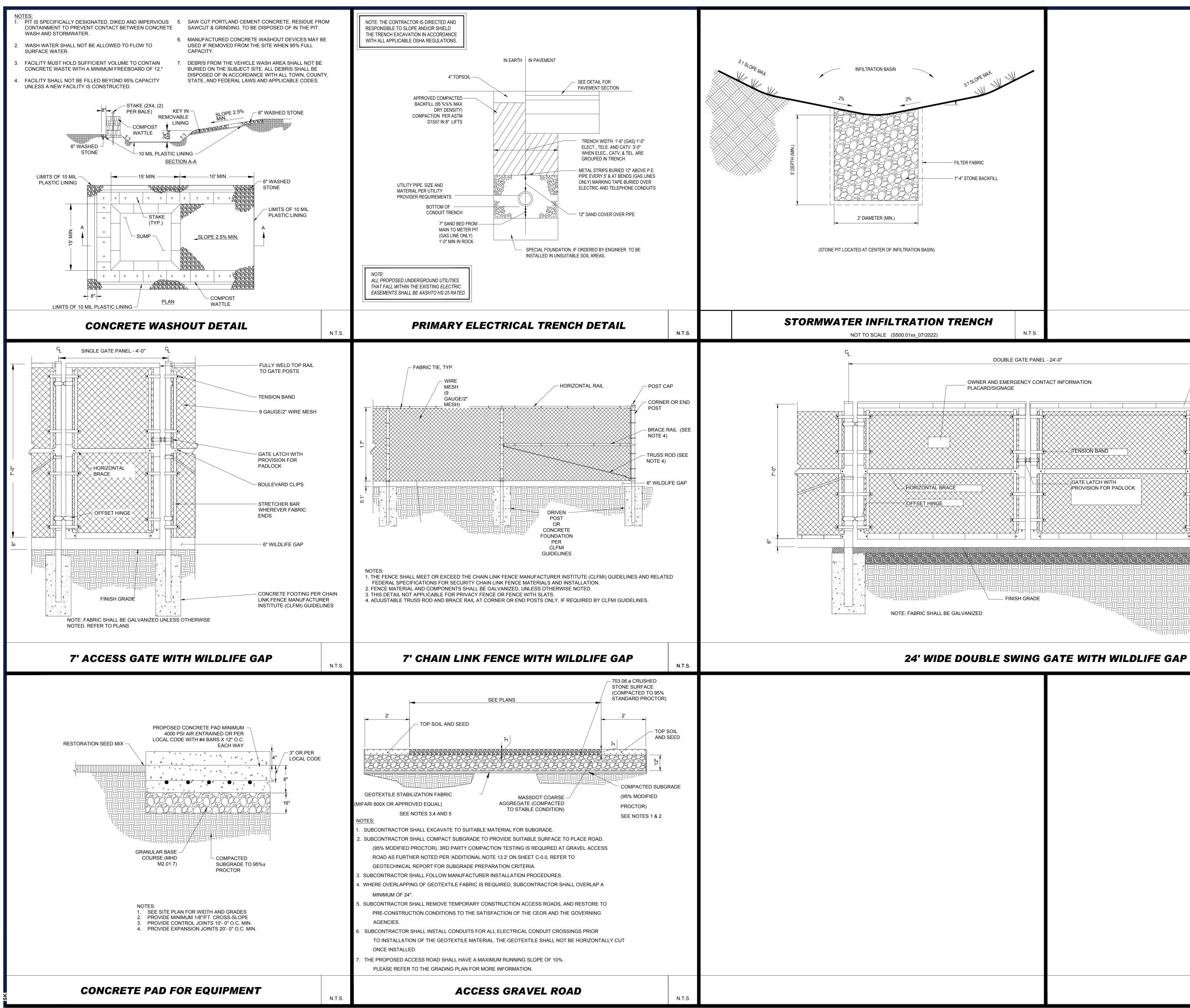


LANDSCAPE SPECIFICATIONS

1.1.	<u>OPE OF WORK:</u> THE LANDSCAPE CONTRACTOR SHALL BE REQUIRED TO PERFORM ALL CLEARING, FINISHED GRADING, SOIL PREPARATION, PERMANENT SEEDING OR SODDING, PLANTING AND MULCHING INCLUDING ALL LABOR, MATERIALS, TOOLS AND EQUIPMENT NECESSARY FOR THE COMPLETION OF THIS PROJECT, UNLESS OTHERWISE CONTRACTED BY THE GENERAL CONTRACTOR.	9.3. 9.4.	SHARP TOOLS. ONLY INJURED C ALL PLANTING CONTAINERS, BAS PLANTING. NATURAL FIBER BUR
2. <u>MAT</u> 2.1.	<u>'ERIALS</u> GENERAL - ALL HARDSCAPE MATERIALS SHALL MEET OR EXCEED SPECIFICATIONS AS OUTLINED IN THE STATE DEPARTMENT	9.5.	ROOT BALL PRIOR TO BACKFILLI POSITION TREES AND SHRUBS A
	OF TRANSPORTATION'S SPECIFICATIONS. TOPSOIL - NATURAL, FRIABLE, LOAMY SILT SOIL HAVING AN ORGANIC CONTENT NOT LESS THAN 5%, A PH RANGE BETWEEN	9.6.	LANDSCAPE ARCHITECT PRIOR T PRIOR TO THE ISSUANCE OF ANY
2.2.	4.5-7.0. IT SHALL BE FREE OF DEBRIS, ROCKS LARGER THAN ONE INCH (1"), WOOD, ROOTS, VEGETABLE MATTER AND CLAY CLODS.		LANDSCAPE PLAN, MUST BE INST SHALL TAKE INTO ACCOUNT SEA VINES OR GROUND COVER SHAL
	LAWN - ALL DISTURBED AREAS ARE TO BE TREATED WITH A MINIMUM <u>6"</u> THICK LAYER OF TOPSOIL, OR AS DIRECTED BY THE LOCAL ORDINANCE OR CLIENT, AND SEEDED OR SODDED IN ACCORDANCE WITH THE PERMANENT STABILIZATION METHODS INDICATED <u>ON THE LANDSCAPE PLAN</u>	9.6.1 9.6.2	. PLANTS: MARCH 15 TO DECE 2. LAWN: MARCH 15 TO JUNE 1
2.3.1. 2.3.2.		9.6.3	 PLANTINGS REQUIRED FOR A SEASON AT THE MUNICIPALI SUBSTITUTIONS.
	SLOPES GREATER THAN 4.1 SHALL BE PEGGED TO HOLD SOD IN PLACE. MULCH - ALL PLANTING BEDS SHALL BE MULCHED WITH A <u>3"</u> THICK LAYER OF DOUBLE SHREDDED HARDWOOD BARK MULCH, UNLESS OTHERWISE STATED ON THE LANDSCAPE PLAN AND/OR LANDSCAPE PLAN NOTES /DETAILS.	9.7.	FURTHERMORE, THE FOLLOWING SHOCK AND THE SEASONAL LAC
2.5.	FERTILIZER		RECOMMENDED THAT THESE SP ACER RUBRUM
2.5.1.	FERTILIZER SHALL BE DELIVERED TO THE SITE MIXED AS SPECIFIED IN THE ORIGINAL UNOPENED STANDARD BAGS SHOWING WEIGHT, ANALYSIS AND NAME OF MANUFACTURER. FERTILIZER SHALL BE STORED IN A WEATHERPROOF PLACE SO THAT IT CAN BE KEPT DRY PRIOR TO USE.		BETULA VARIETIES CARPINUS VARIETIES
2.5.2.			CRATAEGUS VARIETIES KOELREUTERIA LIQUIDAMBAR STYRACIF LIRIODENDRON TULIPIFI
2.6. 2.6.1.	PLANT MATERIAL ALL PLANTS SHALL IN ALL CASES CONFORM TO THE REQUIREMENTS OF THE "AMERICAN STANDARD FOR NURSERY STOCK" (ANSI Z60.1), LATEST EDITION, AS PUBLISHED BY THE AMERICAN NURSERY & LANDSCAPE ASSOCIATION (FORMERLY THE AMERICAN ASSOCIATION OF NURSERYMEN).	9.8. 9.8.1	PLANTING PITS SHALL BE DUG W SHALL REST ON UNDISTURBED O SOIL MIXED THOROUGHLY: . 1 PART PEAT MOSS
2.6.2. 2.6.3.		9.8.2	
2.6.4.	OF EACH SPECIES FOR VERIFICATION PURPOSES DURING THE FINAL INSPECTION.	9.8.3 9.8.4	21 GRAMS 'AGRIFORM' PLAN
2.0.4.	NOT BEEN COMPLETELY CALLUSED, SHALL BE REJECTED. PLANTS SHALL NOT BE BOUND WITH WIRE OR ROPE AT ANY TIME SO AS TO DAMAGE THE BARK OR BREAK BRANCHES.	9.8	.4.1. 2 TABLETS PER 1 GALLC .4.2. 3 TABLETS PER 5 GALLC .4.3. 4 TABLETS PER 15 GALL
2.6.5.	DEVELOPED BRANCHES, DENSELY FOLIATED, VIGOROUS ROOT SYSTEMS AND BE FREE OF DISEASE, INSECTS, PESTS,	9.8	4.4. LARGER PLANTS: 2 TABLE FILL PREPARED SOIL AROUND B/
2.6.6.	EGGS OR LARVAE. CALIPER MEASUREMENTS OF NURSERY GROWN TREES SHALL BE TAKEN AT A POINT ON THE TRUNK SIX INCHES (6") ABOVE THE NATURAL GRADE FOR TREES UP TO AND INCLUDING A FOUR INCH (4") CALIPER SIZE. IF THE CALIPER AT SIX		THOROUGHLY. ALL PLANTS SHALL BE PLANTED
	INCHES (6") ABOVE THE GROUND EXCEEDS FOUR INCHES (4") IN CALIPER, THE CALIPER SHOULD BE MEASURED AT A POINT 12" ABOVE THE NATURAL GRADE.		AT GROUND LEVEL AND IN THE C
2.6.7. 2.6.8.			MINIMUM BRANCHING HEIGHT OF GROUND COVER AREAS SHALL F
3. <u>GEN</u>	IERAL WORK PROCEDURES		PLANTING. ALL GROUND COVER MANUFACTURER'S RECOMMEND
	CONTRACTOR TO UTILIZE WORKMANLIKE INDUSTRY STANDARDS IN PERFORMING ALL LANDSCAPE CONSTRUCTION. THE SITE IS TO BE LEFT IN A CLEAN STATE AT THE END OF EACH WORKDAY. ALL DEBRIS, MATERIALS AND TOOLS SHALL BE PROPERLY STORED, STOCKPILED OR DISPOSED OF.	9.13.	NO PLANT, EXCEPT GROUND CO STRUCTURES AND SIDEWALKS.
3.2.	WASTE MATERIALS AND DEBRIS SHALL BE COMPLETELY DISPOSED OF AT THE CONTRACTOR'S EXPENSE. DEBRIS SHALL NOT BE BURIED, INCLUDING ORGANIC MATERIALS, BUT SHALL BE REMOVED COMPLETELY FROM THE SITE.	9.14.	ALL PLANTING AREAS AND PLAN SAUCER. NO MULCH IS TO TOUC
	E PREPARATIONS	9.15.	ALL PLANTING AREAS SHALL BE SPECIFICATIONS AS LISTED HER
	BEFORE AND DURING PRELIMINARY GRADING AND FINISHED GRADING, ALL WEEDS AND GRASSES SHALL BE DUG OUT BY THE ROOTS AND DISPOSED OF IN ACCORDANCE WITH GENERAL WORK PROCEDURES OUTLINED HEREIN.		ANSPLANTING (WHEN REQUIRED) ALL TRANSPLANTS SHALL BE DU
	ALL EXISTING TREES TO REMAIN SHALL BE PRUNED TO REMOVE ANY DAMAGED BRANCHES. THE ENTIRE LIMB OF ANY DAMAGED BRANCH SHALL BE CUT OFF AT THE BRANCH COLLAR. CONTRACTOR SHALL ENSURE THAT CUTS ARE SMOOTH AND STRAIGHT. ANY EXPOSED ROOTS SHALL BE CUT BACK WITH CLEAN, SHARP TOOLS AND TOPSOIL SHALL BE PLACED AROUND	10.2.	IF PLANTS ARE TO BE STOCKPILE WATERED AND PROTECTED FRO
	THE REMAINDER OF THE ROOTS. EXISTING TREES SHALL BE MONITORED ON A REGULAR BASIS FOR ADDITIONAL ROOT OR BRANCH DAMAGE AS A RESULT OF CONSTRUCTION. ROOTS SHALL NOT BE LEFT EXPOSED FOR MORE THAN ONE (1) DAY. CONTRACTOR SHALL WATER EXISTING TREES AS NEEDED TO PREVENT SHOCK OR DECLINE.	10.3. 10.4.	PLANTS SHALL NOT BE DUG FOR UPON REPLANTING, BACKFILL SC
4.3.	CONTRACTOR SHALL WATER LAISTING TREES AS NEEDED TO PREVENT SHOCK OR DECEME. CONTRACTOR SHALL ARRANGE TO HAVE A UTILITY STAKE-OUT TO LOCATE ALL UNDERGROUND UTILITIES PRIOR TO INSTALLATION OF ANY LANDSCAPE MATERIAL. UTILITY COMPANIES SHALL BE CONTACTED THREE (3) DAYS PRIOR TO THE	10.5.	TRANSPLANTS SHALL BE GUARA
5 TRF	BEGINNING OF WORK.	10.6.	F TRANSPLANTS DIE, SHRUBS AN THAN SIX INCHES (6") DBH MAY E REPLACEMENT GUIDELINES.
	CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING TREES TO REMAIN. A TREE PROTECTION ZONE SHALL BE ESTABLISHED AT THE DRIP LINE OR AT THE LIMIT OF CONSTRUCTION DISTURBANCE, WHICHEVER IS GREATER.		TERING
	LOCAL STANDARDS THAT MAY REQUIRE A MORE STRICT TREE PROTECTION ZONE SHALL BE HONORED. A FORTY-EIGHT INCH (48") HIGH WOODEN SNOW FENCE OR ORANGE COLORED HIGH-DENSITY 'VISI-FENCE', OR APPROVED	11.1.	NEW PLANTINGS OR LAWN AREA SHALL BE APPLIED TO EACH TRE MATERIALS IN THE PLANTING HO
	EQUAL, MOUNTED ON STEEL POSTS SHALL BE PLACED ALONG THE BOUNDARY OF THE TREE PROTECTION ZONE. POSTS SHALL BE LOCATED AT A MAXIMUM OF EIGHT FEET (8') ON CENTER OR AS INDICATED WITHIN THE TREE PROTECTION DETAIL.	11.2.	ESTABLISHED. SITE OWNER SHALL PROVIDE WA
5.3.	WHEN THE TREE PROTECTION FENCING HAS BEEN INSTALLED, IT SHALL BE INSPECTED BY THE APPROVING AGENCY PRIOR TO DEMOLITION, GRADING, TREE CLEARING OR ANY OTHER CONSTRUCTION. THE FENCING ALONG THE TREE PROTECTION ZONE SHALL BE REGULARLY INSPECTED BY THE LANDSCAPE CONTRACTOR AND MAINTAINED UNTIL ALL CONSTRUCTION ACTIVITY		CONTRACTOR SHALL SUPPLY AL PLANTED TREES.
5.4.	HAS BEEN COMPLETED. AT NO TIME SHALL MACHINERY, DEBRIS, FALLEN TREES OR OTHER MATERIALS BE PLACED, STOCKPILED OR LEFT STANDING IN	11.3.	IF AN IRRIGATION SYSTEM HAS E ANY FAILURE OF THE SYSTEM DO MOISTURE LEVEL FOR VIGOROUS
	THE TREE PROTECTION ZONE.		ARANTEE
	CONTRACTOR SHALL ATTAIN A SOIL TEST FOR ALL AREAS OF THE SITE PRIOR TO CONDUCTING ANY PLANTING. SOIL TESTS SHALL BE PERFORMED BY A CERTIFIED SOIL LABORATORY.	12.1.	THE LANDSCAPE CONTRACTOR S INSTALLATION BY THE APPROVIN PERCENT (10%) OF THE VALUE O
6.2.	LANDSCAPE CONTRACTOR SHALL REPORT ANY SOIL OR DRAINAGE CONDITIONS CONSIDERED DETRIMENTAL TO THE GROWTH OF PLANT MATERIAL. SOIL MODIFICATIONS, AS SPECIFIED HEREIN, MAY NEED TO BE CONDUCTED BY THE LANDSCAPE		GUARANTEE PERIOD AND WHEN REPRESENTATIVE.
6.3.	CONTRACTOR DEPENDING ON SITE CONDITIONS. THE FOLLOWING AMENDMENTS AND QUANTITIES ARE APPROXIMATE AND ARE FOR BIDDING PURPOSES ONLY. COMPOSITION	12.2.	ANY DEAD OR DYING PLANT MAT PLANT MATERIAL SHALL BE CON
	OF AMENDMENTS SHOULD BE REVISED DEPENDING ON THE OUTCOME OF A TOPSOIL ANALYSIS PERFORMED BY A CERTIFIED SOIL LABORATORY.	12.3.	OFF-SITE, WITHOUT EXCEPTION. TREES AND SHRUBS SHALL BE M MAINTENANCE PERIOD AS SPECI
6.3.1.	TO INCREASE A SANDY SOIL'S ABILITY TO RETAIN WATER AND NUTRIENTS, THOROUGHLY TILL ORGANIC MATTER INTO THE TOP 6-12". USE COMPOSTED BARK, COMPOSTED LEAF MULCH OR PEAT MOSS. ALL PRODUCTS SHOULD BE COMPOSTED TO A DARK COLOR AND BE FREE OF PIECES WITH IDENTIFIABLE LEAF OR WOOD STRUCTURE. AVOID MATERIAL WITH A PH	12 /	SHALL BE PERFORMED AS NECE LAWNS SHALL BE MAINTAINED TH
6.3.2.	HIGHER THAN 7.5.	12.7.	SUCH AS ROLLING, REGARDING ERODED OR BARE AREAS.
0.0.2	BARK (UP TO 30% BY VOLUME) AND/OR AGRICULTURAL GYPSUM. COARSE SAND MAY BE USED IF ENOUGH IS ADDED TO BRING THE SAND CONTENT TO MORE THAN 60% OF THE TOTAL MIX. SUBSURFACE DRAINAGE LINES MAY NEED TO BE	13. <u>CL</u> 13.1.	EANUP UPON THE COMPLETION OF ALL
6.3.3.		13.2.	REMOVE ALL UNUSED MATERIAL THE SITE SHALL BE CLEANED AN
	UP TO 30% OF THE TOTAL MIX. SHED GRADING		AUTHORIZED REPRESENTATIVE. INTENANCE (ALTERNATIVE BID):
	UNLESS OTHERWISE CONTRACTED, THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF TOPSOIL AND THE ESTABLISHMENT OF FINE-GRADING WITHIN THE DISTURBANCE AREA OF THE SITE.		A 90 DAY MAINTENANCE PERIOD MAINTENANCE PERIOD ENSURES
	LANDSCAPE CONTRACTOR SHALL VERIFY THAT SUBGRADE FOR INSTALLATION OF TOPSOIL HAS BEEN ESTABLISHED. THE SUBGRADE OF THE SITE MUST MEET THE FINISHED GRADE LESS THE REQUIRED TOPSOIL THICKNESS (1"±).		MAINTAINED AS SPECIFIED ON TI EXPIRED, THE OWNER/OPERATO MAINTENANCE CONTRACT. THE
7.3.	ALL LAWN AND PLANTING AREAS SHALL BE GRADED TO A SMOOTH, EVEN AND UNIFORM PLANE WITH NO ABRUPT CHANGE OF SURFACE AS DEPICTED WITHIN THIS SET OF CONSTRUCTION PLANS, UNLESS OTHERWISE DIRECTED BY THE PROJECT ENGINEER OR LANDSCAPE ARCHITECT.		APPROPRIATE TO ENSURE THAT OWNER/OPERATOR.
7.4.	ALL PLANTING AREAS SHALL BE GRADED AND MAINTAINED TO ALLOW FREE FLOW OF SURFACE WATER IN AND AROUND THE PLANTING BEDS. STANDING WATER SHALL NOT BE PERMITTED IN PLANTING BEDS.		
		Α.	TIONS OF APPROVAL: STABILIZATION WITH SEED MIXTURES SHO IN ORDER TO ENSURE SUCCESSFUL ESTA
8.1.	CONTRACTOR SHALL PROVIDE A <u>6"</u> THICK MINIMUM LAYER OF TOPSOIL, OR AS DIRECTED BY THE LOCAL ORDINANCE OR CLIENT, IN ALL PLANTING AREAS. TOPSOIL SHOULD BE SPREAD OVER A PREPARED SURFACE IN A UNIFORM LAYER TO ACHIEVE THE DESIRED COMPACTED THICKNESS.		NORDER TO ENSURE SUCCESSFUL ESTA OR PROVIDE SUFFICIENT COMPOST/TOPS MOWING OF THE NORTHEAST SOLAR POL
	ON-SITE TOPSOIL MAY BE USED TO SUPPLEMENT THE TOTAL AMOUNT REQUIRED. TOPSOIL FROM THE SITE MAY BE REJECTED IF IT HAS NOT BEEN PROPERLY REMOVED, STORED AND PROTECTED PRIOR TO CONSTRUCTION.		
8.3.	CONTRACTOR SHALL FURNISH TO THE APPROVING AGENCY AN ANALYSIS OF BOTH IMPORTED AND ON-SITE TOPSOIL TO BE UTILIZED IN ALL PLANTING AREAS. THE PH AND NUTRIENT LEVELS MAY NEED TO BE ADJUSTED THROUGH SOIL MODIFICATIONS		
8.4.	AS NEEDED TO ACHIEVE THE REQUIRED LEVELS AS SPECIFIED IN THE MATERIALS SECTION ABOVE. ALL LAWN AREAS ARE TO BE CULTIVATED TO A DEPTH OF SIX INCHES (6"). ALL DEBRIS EXPOSED FROM EXCAVATION AND CULTIVATION SHALL BE DISPOSED OF IN ACCORDANCE WITH GENERAL WORK PROCEDURES SECTION ABOVE. THE FOLLOWING SHALL BE TILLED INTO THE TOP FOUR INCHES (4") IN TWO DIRECTIONS (QUANTITIES BASED ON A 1,000 SQUARE		
8.4.1.	FOOT AREA - FOR BID PURPOSES ONLY [SEE SPECIFICATION 6.A.]):		
8.4.2. 8.5.	20 POUNDS NITRO-FORM (COURSE) 38-0-0 BLUE CHIP OR APPROVED NITROGEN FERTILIZER THE SPREADING OF TOPSOIL SHALL NOT BE CONDUCTED UNDER MUDDY OR FROZEN CONDITIONS.		
9. <u>PLA</u>	NTING		
	INSOFAR THAT IT IS FEASIBLE, PLANT MATERIAL SHALL BE PLANTED ON THE DAY OF DELIVERY. IN THE EVENT THAT THIS IS NOT POSSIBLE, LANDSCAPE CONTRACTOR SHALL PROTECT UNINSTALLED PLANT MATERIAL. PLANTS SHALL NOT REMAIN UNPLANTED FOR LONGER THAN A THREE DAY PERIOD AFTER DELIVERY. PLANTS THAT WILL NOT BE PLANTED FOR A PERIOD OF TIME GREATER THAN THREE DAYS SHALL BE HEALED IN WITH TOPSOIL OR MULCH TO HELP PRESERVE ROOT MOISTURE.		
9.2.	PLANTING OPERATIONS SHALL BE PERFORMED DURING PERIODS WITHIN THE PLANTING SEASON WHEN WEATHER AND SOIL CONDITIONS ARE SUITABLE AND IN ACCORDANCE WITH ACCEPTED LOCAL PRACTICE. PLANTS SHALL NOT BE INSTALLED IN		

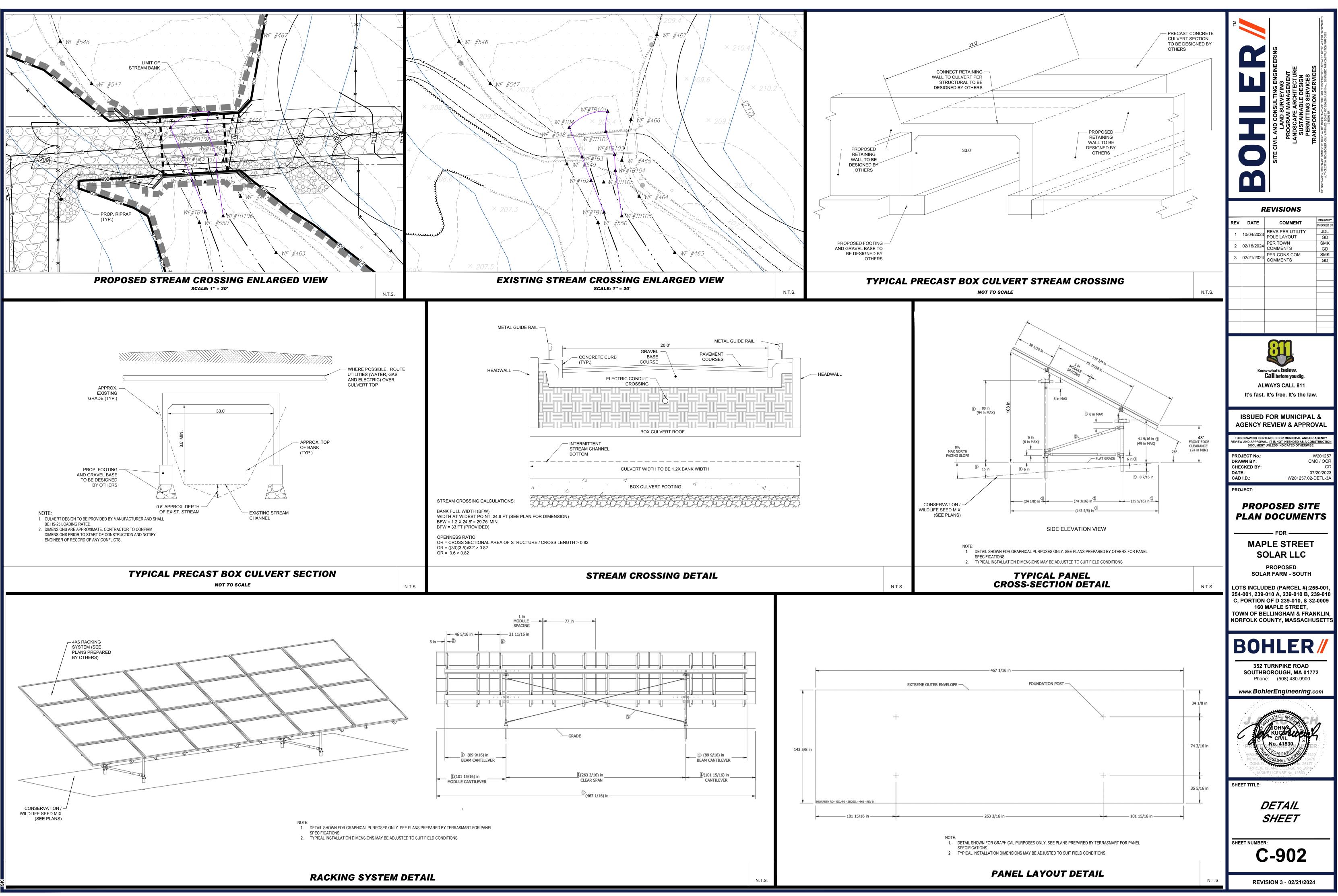
TOPSOIL THAT IS IN A MUDDY OR FROZEN CONDITION.

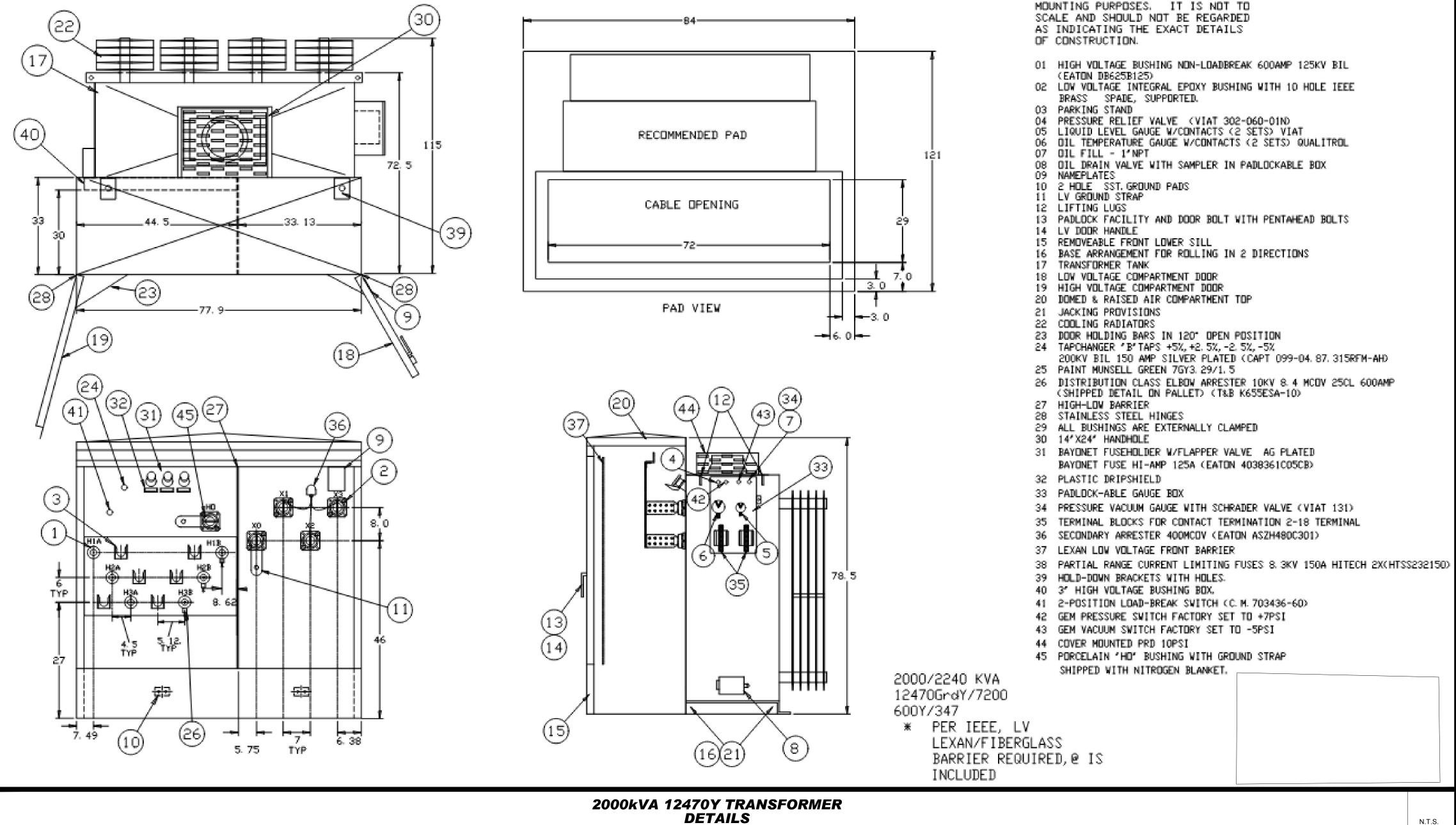




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REVISIONS REV DATE COMMENT 1 10/04/2023 REVS PER UTILITY POLE LAYOUT 2 02/16/2024 COMMENTS PER TOWN 3 02/21/2024 PER CONS COM COMMENTS - FULLY WELD TOP RAIL TO GATE POSTS Know what's below. Call before you dig ALWAYS CALL 811 It's fast. It's free. It's the law. TENSION BANK 9 GAUGE/2" MESH CHAIN LINK FENCE **ISSUED FOR MUNICIPAL & AGENCY REVIEW & APPROVAL** \bowtie GATE LATCH WITH - BOULEVARD CLIPS THIS DRAWING IS INTENDED FOR MUNICIPAL AND/OR AGENCY REVIEW AND APPROVAL. IT IS NOT INTENDED AS A CONSTRUCTIO DOCUMENT UNLESS INDICATED OTHERWISE. STRETCHER BAR WHEREVER FABRIC ENDS PROJECT No.: W20125 DRAWN BY: CMC / OCR CHECKED BY: Ŧ₩ĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸ DATE: CAD I.D.: 07/20/202 W201257.02-DETL-3 - 6" WILDLIFE GAP PROJECT: PROPOSED SITE **PLAN DOCUMENTS** CONCRETE FOOTING AT TERMINAL POST — FOR — MAPLE STREET SOLAR LLC PROPOSED SOLAR FARM - SOUTH LOTS INCLUDED (PARCEL #):255-001, N.T.S. 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 **BOHLER** 352 TURNPIKE ROAD SOUTHBOROUGH, MA 01772 Phone: (508) 480-9900 www.BohlerEngineering.com SHEET TITLE: DETAIL SHEET SHEET NUMBER: **C-901 REVISION 3 - 02/21/2024** N.T.S.





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Three-Phase Transformers CA202003EN

Effective April 2016 Supersedes 210-12 July 2015

COOPER POWER

Three-phase pad-mounted compartmental type transformer



General

At Eaton, we are constantly striving to introduce new innovations to the transformer industry, bringing you the highest quality, most reliable transformers. Eaton's Cooper Power series Transformer Products are ISO 9001 compliant, emphasizing process improvement in all phases of design, manufacture, and testing. In order to drive this innovation, we have invested both time and money in the Thomas A. Edison Technical Center, our premier research facility in Franksville, Wisconsin. Such revolutionary products as distribution-class UltraSIL™ Polymer-Housed Evolution[™] surge arresters and Envirotemp™ FR3™ fluid have been developed at our Franksville lab.

With transformer sizes ranging from 45 kVA to 12 MVA and high voltages ranging from 2400 V to 46 kV, Eaton has you covered. From fabrication of the tanks and cabinets to winding of the cores and coils, to production of arresters, switches, tap changers, expulsion fuses, current limit fuses, bushings (live and dead) and molded rubber goods, Eaton does it all. Eaton's Cooper Power series transformers are available with electrical grade mineral oil or Envirotemp™ FR3™ fluid, a less-flammable and bio-degradable fluid. Electrical codes recognize the advantages of using Envirotemp™ FR3™ fluid both indoors and outdoors for fire sensitive applications. The biobased fluid meets Occupational Safety and Health Administration (OSHA) and Section 450.23 NEC Requirements.



Three-phase pad-mounted compartmental type transformer

Catalog Data CA202003EN

Table 2. Three-Phase Ratings

Three-Phase 50 or 60 Hz

kVA Available¹ 45, 75, 112.5, 150, 225, 300, 500, 750, 1000, 1500, 2000, 2500, 3000, 3750, 5000, 7500, 10000 ¹Transformers are available in the standard ratings and configurations shown or can be customized to meet specific needs.

Table 3. Impedance Voltage

	Low-voltage r	ating	
Rating (kVA)	≤ 600 V	2400 Δ through 4800 Δ	6900 Δ through 13800GY/7970 or 13800 Δ
45-75	2.70-5.75	2.70-5.75	2.70-5.75
112.5-300	3.10-5.75	3.10-5.75	3.10-5.75
500	4.35-5.75	4.35-5.75	4.35-5.75
750-2500	5.75	5.75	5.75
3750	5.75	5.75	6.00
5000		6.00	6.50

Table 4. Audible Sound Levels

	NEMA [®] TR-1 Average		
Self-Cooled, Two Winding kVA Rating	Decibels (dB)		
45-500	56		
501-700	57	9	
701-1000	58	1000 B	
1001-1500	60	4	
1501-2000	61		
2001-2500	62		
2501-3000	63		
3001-4000	64		
4001-5000	65		
5001-6000	66	8	
6001-7500	67	1	
7501-10000	68	2 2 3	

Table 5. Insulation Test Levels

KV Class	Induced Test 180 or 400 Hz 7200 Cycle	kV BIL Distribution	Applied Test 60 Hz (kV)
1.2		30	10
2.5		45	15
5		60	19
8.7	Twice Rated Voltage	75	26
15		95	34
25		125	40
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, 55/65 C, 75 °C	
Ambient Temperature Max	40 C	50 C	
Ambient Temperature 24 Hour Average	30 C	40 C	
Temperature Rise Hotspot	80 C	65 C	

www.eaton.com/cooperpowerseries

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Effective April 2016

THREE-PHASE PAD-MOUNTED COMPARTMENTAL TYPE TRANSFORMER

Catalog Data CA202003EN Effective April 2016

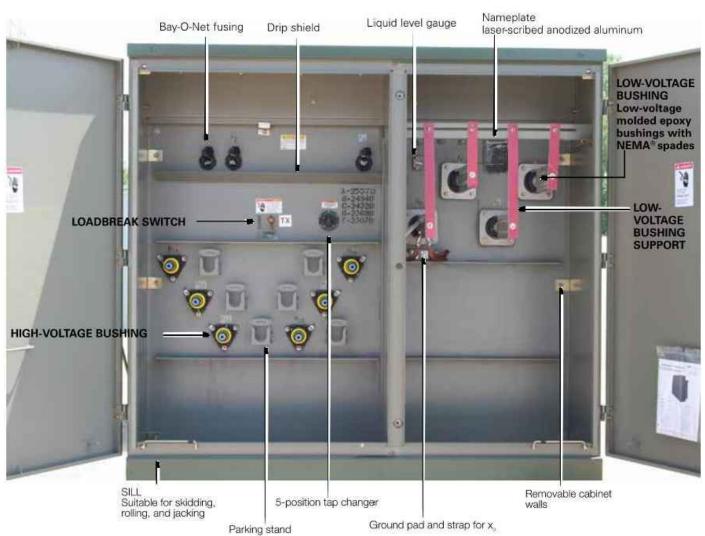


Figure 1. Three-phase pad-mounted compartmental type transformer.

Table 1. Product Scope

Туре	Three Phase, 50 or 60 Hz, 65 C Rise (55 C, 55/65 C), 65/75 °C, 75 °C
Fluid Type	Mineral oil or Envirotemp™ FR3™ fluid
Coil Configuration	2-winding or 4-winding or 3-winding (Low-High-Low), 3-winding
Size	45 10,000 kVA
Primary Voltage	2,400 - 46,000 V
Secondary Voltage	208Y/120 V to 14,400 V
	Inverter/Rectifier Bridge
	K-Factor (up to K-19)
	Vacuum Fault Interrupter (VFI)
	UL® Listed & Labeled and Classified
Specialty Designs	Factory Mutual (FM) Approved®
	Solar/Wind Designs
	Differential Protection
	Seismic Applications (including OSHPD)
	Hardened Data Center

www.eaton.com/cooperpowerseries

Catalog Data CA202003EN Effective April 2016

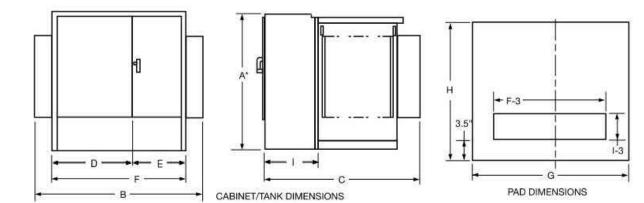


Figure 2. Transformer and pad dimensions.

* Add 9* for Bay-O-Net fusing.

Table 7. Fluid-filled-aluminum windings 55/65 °C Rise¹

65° Rise		FRONT-LOC		AL FEED-8	AY-O-NET FU	JSING OIL F	ILLED-ALU	MINUM WIN	DINGS		
	OUTLINE DIMENSIONS (in.)							Gallons of	Approx. Total		
kVA Rating	A*	В	C	D	E	F	G	н	1	Fluid	Weight (lbs.)
45	50	68	39	42	26	68	72	43	20	110	2,100
75	50	68	39	42	26	68	72	43	20	115	2,250
112.5	50	68	49	42	26	68	72	53	20	120	2,350
150	50	68	49	42	26	68	72	53	20	125	2,700
225	50	72	51	42	30	72	76	55	20	140	3,150
300	50	72	51	42	30	72	76	55	20	160	3,650
500	50	89	53	42	30	72	93	57	20	190	4,650
750	64	89	57	42	30	72	93	61	20	270	6,500
1000	64	89	59	42	30	72	93	63	20	350	8,200
1500	73	89	86	42	30	72	93	90	24	410	10,300
2000	73	72	87	42	30	72	76	91	24	490	12,500
2500	73	72	99	42	30	72	76	103	24	530	14,500
3000	73	84	99	46	37	84	88	103	24	620	16,700
3750	84	85	108	47	38	85	88	112	24	660	19,300
5000	84	96	108	48	48	96	100	112	24	930	25,000
7500	94	102	122	54	48	102	100	126	24	1,580	41,900

* Add 9" for Bay-O-Net fusing.

Table 8. Fluid-Filled-Copper Windings 55/65 °C Rise'

00 11100	OUTUR	NE DIMENSI	ONS (in)					
kVA Rating	A*	B	C	D	E	F	G	н
45	50	64	39	34	30	64	69	43
75	50	64	39	34	30	64	69	43
112.5	50	64	49	34	30	64	69	53
150	50	64	49	34	30	64	69	53
225	50	64	51	34	30	64	73	55
300	50	64	51	34	30	64	75	55
500	50	81	53	34	30	64	85	57
750	64	89	57	42	30	72	93	61
1000	64	89	59	42	30	72	93	63
1500	73	89	86	42	30	72	93	90
2000	73	72	87	42	30	72	76	91
2500	73	72	99	42	30	72	76	103
3000	73	84	99	46	37	84	88	103
3750	84	85	108	47	38	85	88	112
5000	84	96	108	48	48	96	100	112
7500	94	102	122	54	48	102	100	126

* Add 9* for Bay-O-Net fusing.

www.eaton.com/cooperpowerseries 4

Three-phase pad-mounted compartmental type transformer



Three-phase pad-mounted compartmental type transformer

65° Rise DEAD-FRONT-LOOP OR RADIAL FEED-BAY-O-NET FUSING OIL FILLED-COPPER WINDINGS Gallons of Approx. To

REVISIONS REV DATE COMMENT 1 10/04/2023 REVS PER UTILITY POLE LAYOUT 2 02/16/2024 PER TOWN COMMENTS 3 02/21/2024 PER CONS COM COMMENTS Know what's **below. Call** before you dig. ALWAYS CALL 811 It's fast. It's free. It's the law. **ISSUED FOR MUNICIPAL & AGENCY REVIEW & APPROVAL** THIS DRAWING IS INTENDED FOR MUNICIPAL AND/OR AGENCY REVIEW AND APPROVAL. IT IS NOT INTENDED AS A CONSTRUCTIO DOCUMENT UNLESS INDICATED OTHERWISE. PROJECT No .: W20125 DRAWN BY: CMC / OCR CHECKED BY: DATE: CAD I.D.: 07/20/202 W201257.02-DETL-3A PROJECT: PROPOSED SITE **PLAN DOCUMENTS** — FOR — MAPLE STREET SOLAR LLC PROPOSED SOLAR FARM - SOUTH 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 **BOHLER 352 TURNPIKE ROAD** SOUTHBOROUGH, MA 01772 Phone: (508) 480-9900 www.BohlerEngineering.com SHEET TITLE: DETAIL SHEET

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REVISION 3 - 02/21/2024

C-904

SHEET NUMBER:



PHOTOVOLTAIC PANEL SPECIFICATIONS



ConnectPV reduces electrical BOS project costs by simplifying:

Configuration

Design Engineers easily configure our products to meet the project's requirements -Simplifying design and specification Installation Field Installers quickly install our products because they provide ample wiring room - Reducing installation time and labor cast

Regulation

AHJ Inspectors quickly review and approve our products because we have designed for 100% compliance with the NEC

Operation O&M Personnel reduce field service time because our

products use high quality componentsand are designed for a and UL Standards - Reducing project inspection and approval time 20 year life expectancy - Maximizing system revenue generation

e.g., 12 input, 400A with 30A fuses

Specifications Subject to Change

Stainless Steel Available

Typical	Input Charac	teristics		Grounde	d Systems	Floating	g Systems
Input Circuits	Standard Disconnect Ampacity	Input Wire Size	Output Type	NEMA 4 Steel (inches)	NEMA 4X Fiberglass (inches)	NEMA 4 Steel (inches)	NEMA 4X Fiberglass (inches)
16	250		M10	24x24x8	24x24x8	24x30x8	24x30x8
20	250	#14-#4	Stud	24x24x8	24x24x8	24x30x8	24x30x8
24	320	AWG		30x24x8	30x24x8	30x30x8	30x30x8*
28	400	Copper	—M12 Stud	30x30x8	36x30x8	36x36x8	36x36x8*
32	400		Stud	30x30x8	36x30x8	36x36x8	36x36x8*

* Painted Stainless Steel NEMA 4X

Standard Disconnects sized at 1.25x Sum(lsc) per UL1741. Upsize Disconnect available at 1.56x Sum(lsc) for OCPD coordination

Model Numbers are derived from the following template: CBXVVT-###D(S)-FFAA-EE

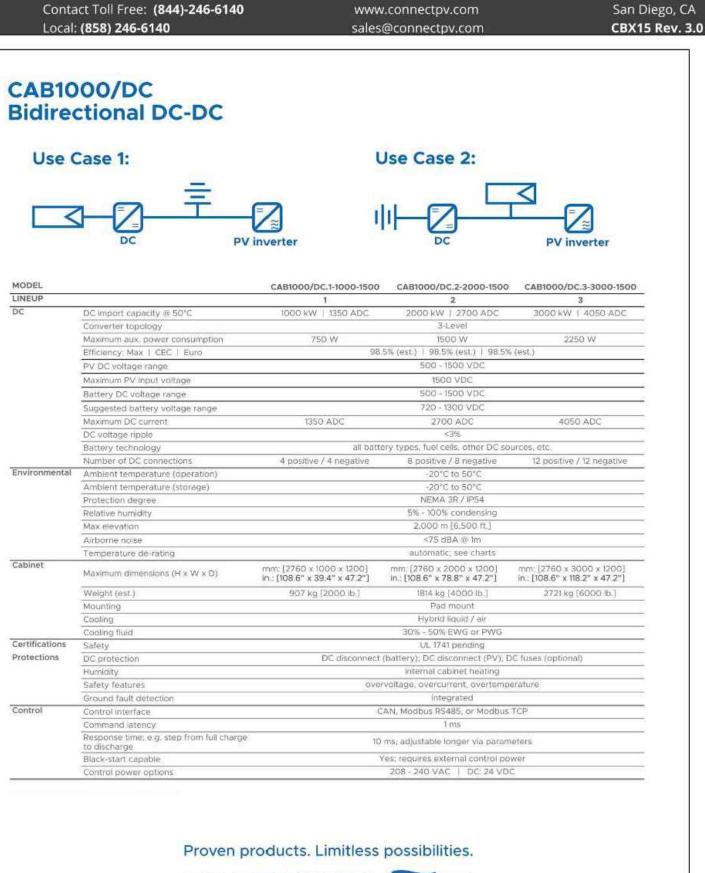
VV	T	###	FF	AA	EE
Voltage	Topology	Disconnect Rating	String Count	Fuse Rating	Enclosure Type
15 = 1500V	G=Grounded	250A, 320A,or	08-32	02-30	N4 = Carbon Steel
	F= Floating	400A	2 string increments	15A Typical	4X = Fiberglass*

ABOUT CONNECTPV INC.



Additional Options and Accessories Available

Based in San Diego, CA, ConnectPV Inc. delivers expertise and experience. We bring over 10 years of Solar PV industry experience in electrical Balance of System products coupled with more than 25 years of high quality, ISO9001:2008 certified, manufacturing expertise. We actively work with our customers to deliver innovative, high quality, and cost effective solutions.





13125 Danielson St., Suite 112 | Poway, CA 92064 | 1.858.748.5590 | epcpower.com

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N.T.S.

C-905

SHEET NUMBER:



M-Force three-phase switch

Design features

Reverse loop contacts The reverse loop contacts utilize high current magnetic forces for

added reliability. The reverse loop contacts were adapted from Eaton's Cooper Power series KPF Line Tension Switch and have been field-proven for over 80 years. The reverse loop design allows for high contact pressure to be maintained during fault conditions. This feature prevents pitting and distorting of the switch blade and contacts even under severe momentary overload. These contacts originally designed for high voltage transmission switches also maintain extremely cool temperatures even under the rated full load. The max temperature rise allowed per IEEE Std 1247™-2005 standard for the blade and contact area is 65 °C. The max temperature rise observed on the reverse loop contact area was 38 °C, less than half of the allowed temperature. These types of test results, along with the proven field performance, undoubtedly make the Reverse Loop Contacts found in the M-Force switch the premiere choice in the industry. Insulators

The M-Force switch comes standard with polymer (silicone rubber)

insulators. These non-porcelain insulators offer exceptional dielectric and mechanical characteristics adding to the reliability of the M-Force switch, while lowering the weight. The M-Force switch can be provided in cycloaliphatic epoxy and porcelain housings. Insulators come standard with 2.25" bolt circles at 15 and 25 kV. Insulators require a 3.00" bolt circle at 35 kV. Extended bearing assembly

The stainless steel shaft on the rotating insulator bearing assembly has been extended to four inches. This extra length will prevent horizontal movement of the rotating insulator during operation which ensures proper blade/contact alignment which is essential for smooth operation. Another feature of the bearing assembly is the oilimpregnated bushings that provide maintenance-free operation for the life of the switch.

Insulated Reliabreak[™] arm

The Reliabreak™ Pick-up Arm on the M-Force switch is insulated on one side, which isolates the interrupter from the current path during a close operation. This feature allows for a wide range of adjustments between the Reliabreak arm and the blade catch finger. This increased tolerance removes the possibility of misalignment during operation which ensures proper load interruption.

Positive locking dead-end brackets

The dead-end brackets on the M-Force switch are of a positive locking design. This design allows for dead-ending at an angle without any distortion of the brackets. This allows for a more flexible switch that can be used in a wider variety of installation requirements

New inter-phase clamps

The inter-phase control rod clamps on the M-Force switch are designed with a jam nut through the side of the casting which locks the clamps after factory alignment. This feature eliminates any possibility of accidental slippage of the control mechanism which ensures proper operation even under icy conditions. Optional ice shields

The

(Check as necessary)

OPTIONS

The standard M-Force switch is capable of operating under a 3/8" ice build up. With the optional ice shields the M-Force switch is capable of opening and closing with a 3/4" ice build up. The unique shields are designed to prevent ice from building up between the contact clips as well as removing the ice from the

blade during the closing operation. Per IEEE Std C37.34™-1994, a chopping action is allowed during the close operation to break the ice. Due to the shearing action of the M-Force Ice Shields, the closing operation can be accomplished with one motion. No chopping is needed.

N

The following options shall be supplied:

_4/0 brass eyebolt ground lug

Clamp style aerial lugs (#2 - 500 kcmil)

Clamp style aerial lugs (250 -750 kcmil)

Polemount site-ready assembly

Dead-front padmounted design with stainless steel

External Accusense Voltage Sensors (0.5 class

(3% accuracy) for 120 VAC supply power with

(0.3% accuracy) for 120 VAC supply power with

Junction box with all twist lock connections

(Form C type) and cable-disconnected alarm

Contact factory for additional options or customization.

hardware to mount on standard aluminum frame

hardware to mount on standard aluminum frame

External 0.75 KVA solid-dielectric voltage transformer

High impact, UV stable wildlife protectors for source

42 pin interface with additional 52b auxiliary contact

External 1.0 KVA oil potential transformer

External CTs for current monitoring

_ 3-phase ganged manual trip handle

Six internal voltage sensors

NEMA 2-hole aerial lugs

NEMA 4-hole aerial lugs

Lightning arresters

and load insulators

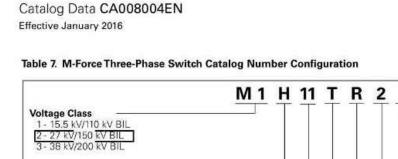
* Additional Cost

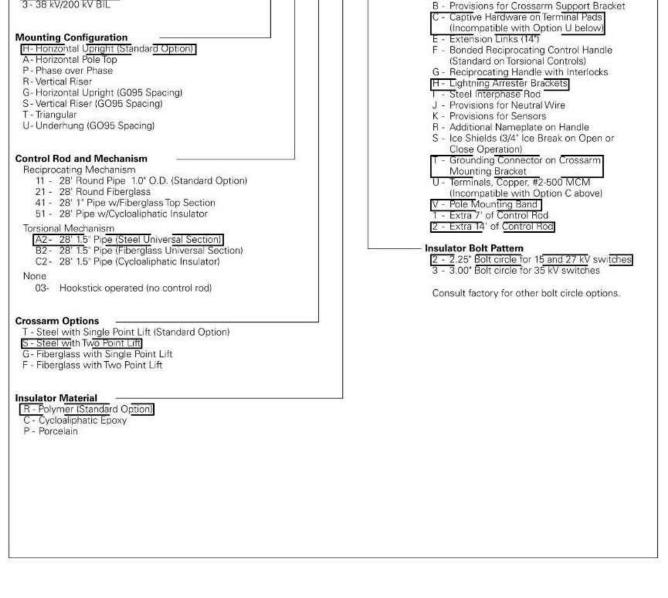
enclosure

accuracy)

NEMA 4-hole, 2-hole

and clamp style aerial lugs.





M-Force three-phase switch

Options (See Page 9 for details)
 Note: More than one may be chosen.

Append codes in alphanumeric order.

SEL-651R

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8

Advanced Recloser Control



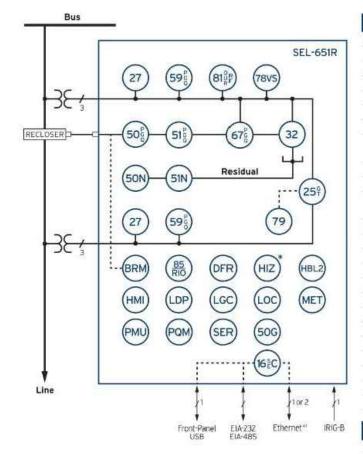
The industry's gold standard for recloser control

- Advanced recloser protection capabilities support coordinated high-speed fault isolation and restoration.
- Three- or single-phase tripping minimizes customer outages and improves reliability metrics.
- Arc Sense[™] technology improves public safety and minimizes fire dangers caused by downed conductors.
- Fast islanding detection, precise synchronization, and IEEE 1547-2018 tripping let you safely interconnect distributed energy resources (DERs).
- Second-harmonic blocking secures overcurrent elements from transformer inrush.



PHOTOVOLTAIC PANEL SPECIFICATIONS

Functional	Overview



ANSI NU	MBERS/ACRONYMS AND FUNCTIONS
16 SEC	Access Security (Serial, Ethernet)
25 (G,T)	Generator/Intertie Synchronism Check
27	Undervoltage
32	Directional Power
50G	Best Choice Ground
50N	Neutral Overcurrent
50 (P,G,Q)	Overcurrent (Phase, Ground, Negative Sequence)
51 (P,G,Q)	Time Overcurrent (Phase, Ground, Negative Sequence)
51N	Neutral Time Overcurrent
59 (P,G,Q)	Overvoltage (Phase, Ground, Negative Sequence)
67 (P,G,Q)	Directional Overcurrent (Phase, Ground, Negative Sequence)
78VS	Vector Shift
79	Autoreclosing
81 (O,U,R)	Frequency (Over, Under, Rate)
81RF	Fast Rate-of-Change of Frequency
85 RIO	SEL MIRRORED BITS® Communications
DFR	Event Reports
HIZ	SEL Arc Sense [™] Technology (AST)*
нмі	Operator Interface
LGC	SELogic [®] Control Equations
MET	High-Accuracy Metering
PMU	Synchrophasors
PQM	Voltage Sag, Swell, and Interruption
SER	Sequential Events Recorder
ADDITIO	NAL FUNCTIONS
BRM	Breaker Wear Monitor
HBL2	Second-Harmonic Blocking
1 DD	Land Data Drafillan

ADDITI	ONAL FUNCTIONS	
BRM	Breaker Wear Monitor	
HBL2	Second-Harmonic Blocking	
LDP	Load Data Profiling	

LOC Fault Locator *Optional feature Copper or fiber-optic

and 38 kV)

CXE

VR-3S (15 and 27 kV

NOVA Auxiliary Pow

NOVA Control Powe

NOVA Triple-Single

NOVA NX-T

Compatible With Popular Reclosers
The SEL-651R Advanced
Recloser Control works

with a wide range of reclosers for complete plug-and-work capability. All interfaces are designed and tested to exceed the IEEE C37.60 standard. Certificates are available at selinc.com/SEL-651R.

&W	Other Reclosers		
ontrol Power Viper-S	Elastimold Molded V		
iper-LT	Recloser (MVR)		
per-S	Joslyn TriMod 300R		
iper-SP	Joslyn TriMod 600R		
iper-ST	OVR-3 (15 and 27 kV		
per-G	Gridshield 32-Pin (15 and 38 kV)		
	Gridshield 42-Pin (15		

5	
acuum	RE
	RVE
B	RXE
r .	VSA
only)	VSO
, 27,	VWE
	VWVE 27
i, 27,	VWVE 38X
	WE
only)	WVE 27
	WVE 38X
ered	GVR*
red	SDR Triple-Single
	SDR Three-Phase
	OSM_150

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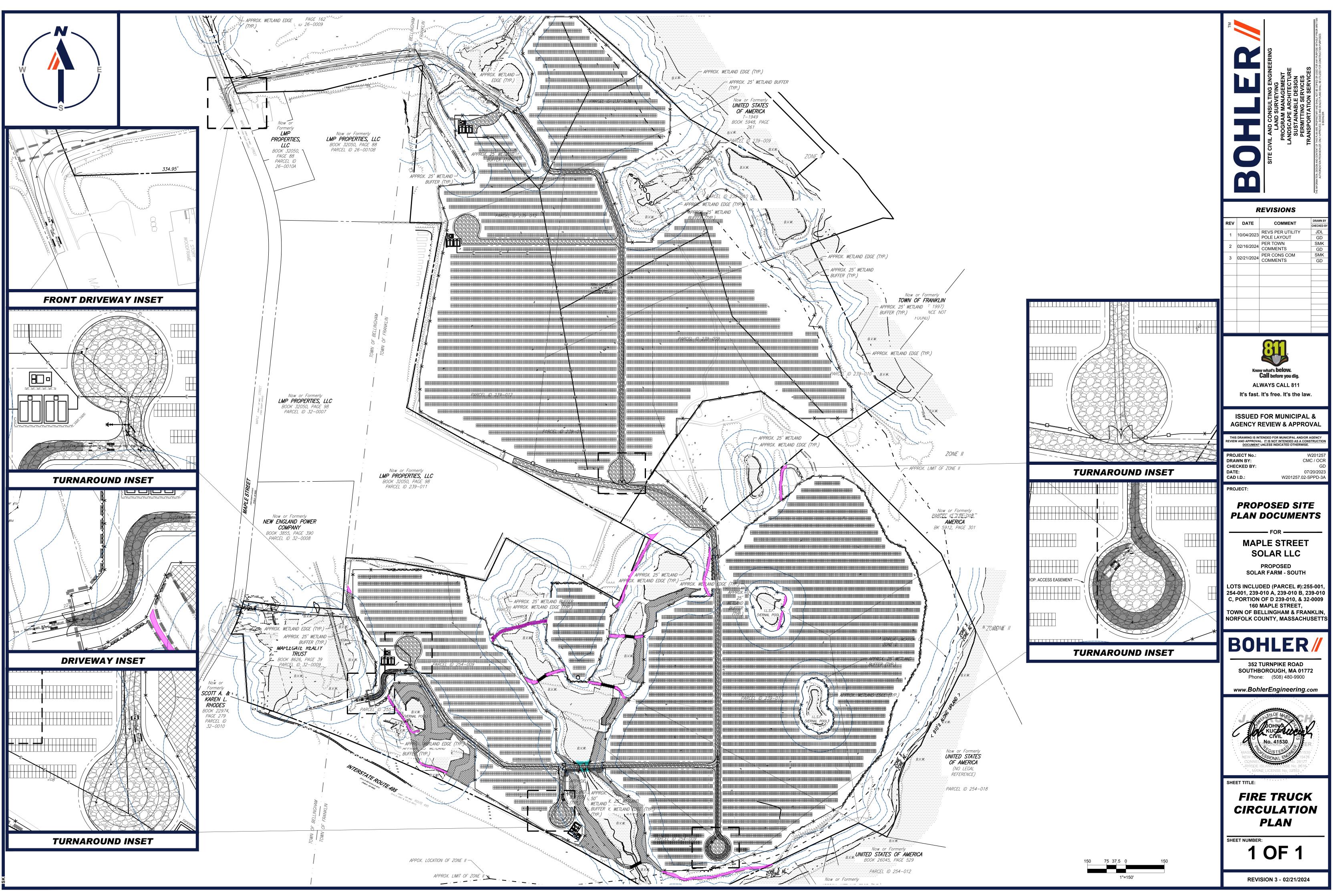




REVISION 3 - 02/21/2024

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DHLERENG.NETTSHARESIMA-PROJECTS/20/W201257.02/CAD/DRAWINGS/PLAN SETS/CIVIL SITE PLANS/W201257.02-SPPD-3A----->LAYOUT: TRUCK TURN EXHIB