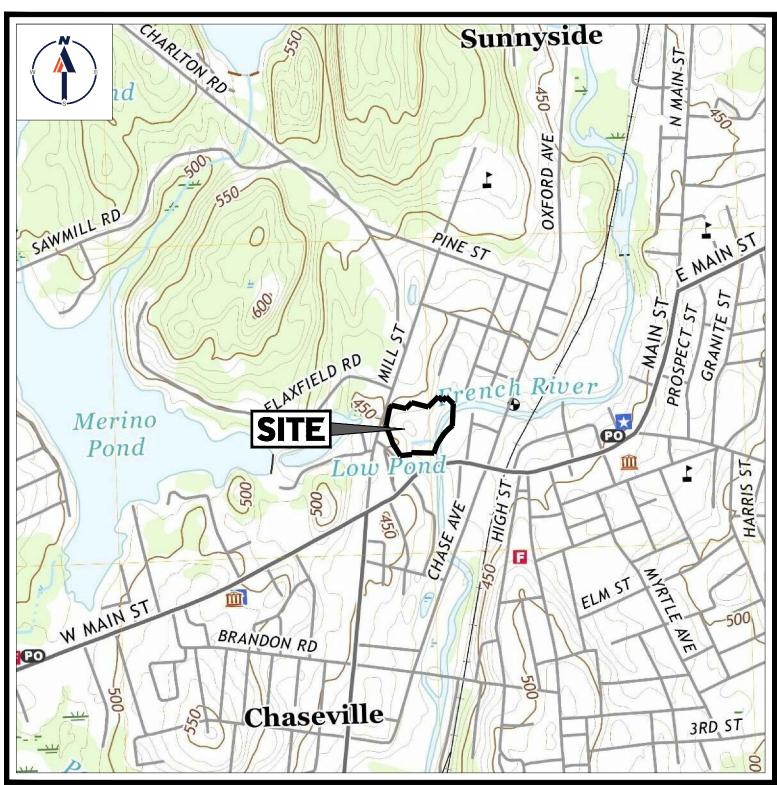
# **PROPOSED SITE PLAN** DOCUMENTS



## USGS MAP SCALE: 1" = 1,000' SOURCE: WEBSTER MASSACHUSETTS USGS QUADRANGLE

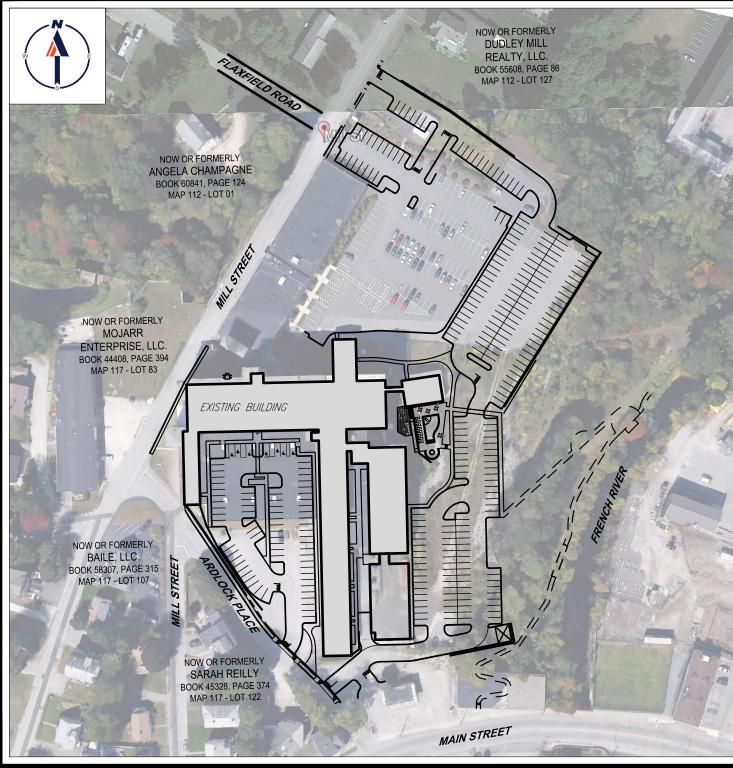
## TOWN OF DUDLEY PLANNING BOARD APPROVAL

SIGNATURE	DATE
SIGNATURE	DATE

## **STEVENS MILL OWNER LLC**

PROPOSED DEVELOPMENT

LOCATION OF SITE: 8 MILL STREET, TOWN OF DUDLEY WORCESTER COUNTY, MASSACHUSETTS MAP #117, LOT #120



SITE MAP SCALE: 1" = 140' SOURCE: GOOGLE AERIAL



PREPARED BY

MT		SITE CIVIL AND CONSULTING ENGINEERING LAND SURVEYING 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
	F	REVISIONS	
REV	DATE	COMMENT	DRAWN BY
1	04/15/2022	REVISED PER NPS AND PB COMMENTS REVISED PER PEER	CSE JAK EGP
2	05/09/2022	REVIEW COMMENTS	BPB
		-	
-			
	AL	w what's below. Call before you dig. WAYS CALL 811 . It's free. It's the law.	
D	DEI		V
Γ	REI		
	AND APPROVA	TENDED FOR MUNICIPAL AND/OR AG AL. IT IS NOT INTENDED AS A CONSTI UNLESS INDICATED OTHERWISE.	
	JECT No.: WN BY:	W2	211100 EGP
	CKED BY:		PB/JAK 7/2021
CAD	I.D.: JECT:	W2	211100
	PROI	POSED SITE DOCUMENT FOR FOR VENS MILL VNER LLC	
	D	PROPOSED EVELOPMENT	
	8	P#117, LOT #120 MILL STREET	
		WN OF DUDLEY ESTER COUNTY, MA	
E	<b>BO</b>	HLER	
-			-
	SOUTHE	<b>BOROUGH, MA 01772</b> Ie: (508) 480-9900	
и		lerEngineering.co	m
4	MAII	NORMACENSE No. 26177 ISLAND LICENSE No. 12553	2
SHE	ET TITLE:		
	_	COVER Sheet	

SHEET NUMBER:

C-101

**REVISION 2 - 05/09/2022** 

### DRAWING SHEET INDEX

SHEET TITLE	SHEET NUMBER
COVER SHEET	C-101
GENERAL NOTES SHEET	C-102
DEMOLITION PLAN	C-201
OVERALL SITE PLAN	C-301
SITE LAYOUT PLAN A	C-302
SITE LAYOUT PLAN B	C-303
OVERALL GRADING AND DRAINAGE PLAN	C-401
GRADING AND DRAINAGE PLAN A	C-402
GRADING AND DRAINAGE PLAN B	C-403
UTILITY PLAN	C-501
SOIL EROSION AND SEDIMENT CONTROL PLAN	C-601
EROSION AND SEDIMENT CONTROL NOTES AND DETAILS	C-602
OVERALL LANDSCAPE PLAN	C-701
LANDSCAPE PLAN A	C-702
LANDSCAPE PLAN B	C-703
LANDSCAPE NOTES AND DETAILS	C-704
DETAIL SHEET	C-901
DETAIL SHEET	C-902
DETAIL SHEET	C-903
DETAIL SHEET	C-904
EXISTING CONDITIONS PLAN OF LAND STEVEN'S MILL (BY OTHERS)	1
SITE PLAN PHOTOMETRIC LIGHTING (BY OTHERS)	ES.1

	1	4	
		8	
	20 1		
	120	÷	
	15		
		5	
1.1	-		
		8	
		8	
1250			
100	100	9	
5	100		
	100	6	
0.40		2	
312			
		8	
		2	
		1	
		1	
		6	
		1	
		5	
		1	
		2	
		2	
923			
R.	m		
A.	de la	d	
in a	Č.	A	
in la	i i	A	
the loss	ř	A	
A LAN		a de la della d	
in the second			
A CAN	No and the second secon	-	
A A A A	No.		
the state of the s			
A A A A			
A A A A	2		
A A A A	A A A		
A AN A	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
	A B		
	A B A		
	A B A		
	A B A		
	A B A		
	A a A	100	
	A P B A		
	A PART	4004	
	A PART		
	A A A A		
	A PART		
	A B A A		
	A a A A	100	
	A B B B B B B B B B B B B B B B B B B B		
	A B A B A		
	A PART IN THE A		
	A B A MARINA		
	A A A A		
	A B A B A B A B A B A B A B A B A B A B		
	A B A B A B A B A B A B A B A B A B A B		
	A B A B A B A B A B A B A B A B A B A B		
	A B A A A		
	A B A B A B A B A B A B A B A B A B A B		
	A B A B A B A B A B A B A B A B A B A B		
	A B A B A B A B A B A B A B A B A B A B		
	A R A A		
	A R A A A A		
	A B A B A B A B A B A B A B A B A B A B		

#### GENERAL NOTES

CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH THE NOTES AND SPECIFICATIONS CONTAINED HEREIN. CONTRACTOR IS RESPONSIBLE TO ENSURE THAT ALL UBCONTRACTORS FULLY AND COMPLETELY CONFORM TO AND COMPLY WITH THESE REQUIREMENTS. THE FOLLOWING DOCUMENTS ARE INCORPORATED BY REFERENCE AS PART OF THIS SITE PLAN:

- "EXISTING CONDITIONS PLAN OF LAND STEVEN'S MILL", PREPARED BY FELDMAN LAND SURVEYORS, DATED 07/01/21.
- PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR MUST VERIFY THAT HE/SHE HAS THE LATEST EDITION OF THE DOCUMENTS REFERENCED ABOVE. THIS IS CONTRACTOR'S RESPONSIBILITY.
- ALL ACCESSIBLE (A/K/A ADA) PARKING SPACES MUST BE CONSTRUCTED TO MEET, AT A MINIMUM. THE MORE STRINGENT OF THE REQUIREMENTS OF THE "AMERICANS WITH DISABILITIES ACT" (ADA) CODE (42 U.S.C. § 12101 et seq. AND 42 U.S.C. § 4151 et seq.) OR THE REQUIREMENTS OF THE JURISDICTION WHERE THE PROJECT IS TO BE CONSTRUCTED, AND ANY AND ALL AMENDMENTS TO BOTH WHICH ARE IN EFFECT WHEN THESE PLANS ARE COMPLETED. PRIOR TO STARTING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO
- CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED THE COMMENTS TO ALL PLANS AND OTHER DOCUMENTS REVIEWED AND APPROVED BY THE PERMITTING AUTHORITIES AND CONFIRMED THAT ALL NECESSARY OR REQUIRED PERMITS HAVE BEEN OBTAINED. CONTRACTOR MUST HAVE COPIES OF ALL PERMITS AND APPROVALS ON SITE AT ALL TIMES. THE OWNER/CONTRACTOR MUST BE FAMILIAR WITH AND RESPONSIBLE FOR THE PROCLIREMENT OF ANY AND ALL CERTIFICATIONS REQUIRED FOR THE ISSUANCE
- OF A CERTIFICATE OF OCCUPANCY. ALL WORK MUST BE PERFORMED IN ACCORDANCE WITH THESE PLANS, SPECIFICATIONS 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. . THE GEOTECHNICAL REPORT AND RECOMMENDATIONS SET FORTH HEREIN 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 THE PLANS AND THE GEOTECHNICAL REPORT AND RECOMMENDATIONS SHALL TAKE PRECEDENCE UNLESS SPECIFICALLY NOTED OTHERWISE ON THE PLANS. THE CONTRACTOR MUST NOTIFY THE ENGINEER, IN WRITING, OF ANY SUCH CONFLICT, DISCREPANCY OR AMBIGUITY BETWEEN THE GEOTECHNICAL REPORTS AND PLANS AND SPECIFICATIONS PRIOR TO PROCEEDING WITH ANY FURTHER WORK.
- THESE PLANS ARE BASED ON INFORMATION PROVIDED TO BOHLER ENGINEERING BY THE OWNER AND OTHERS PRIOR TO THE TIME OF PLAN PREPARATION. 7. CONTRACTOR MUST FIELD VERIFY EXISTING CONDITIONS AND NOTIFY BOHLER ENGINEERING, IN WRITING, IMMEDIATELY IF ACTUAL SITE CONDITIONS DIFFER FROM THOSE SHOWN ON THE PLAN, OR IF THE PROPOSED WORK CONFLICTS WITH ANY OTHER SITE FEATURES. . ALL DIMENSIONS SHOWN ON THE PLANS MUST BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. CONTRACTOR MUST NOTIFY
- ENGINEER, 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 REDONE OR REPAIRED DUE TO DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS PRIOR TO CONTRACTOR GIVING ENGINEER WRITTEN NOTIFICATION OF SAME AND ENGINEER, THEREAFTER, PROVIDING CONTRACTOR WITH WRITTEN AUTHORIZATION TO PROCEED WITH SUCH ADDITIONAL WORK
- CONTRACTOR MUST REFER TO THE ARCHITECTURAL/BUILDING PLANS "OF RECORD" FOR EXACT LOCATIONS AND DIMENSIONS OF ENTRY/EXIT POINTS, ELEVATIONS, PRECISE BUILDING DIMENSIONS, AND EXACT BUILDING UTILITY LOCATIONS. 10. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR MUST COORDINATE THE BUILDING LAYOUT BY CAREFUL REVIEW OF THE ENTIRE SITE PLAN AND THE LATEST ARCHITECTURAL PLANS (INCLUDING, BUT NOT LIMITED TO, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND FIRE SUPPRESSION PLAN, WHERE
- APPLICABLE). CONTRACTOR MUST IMMEDIATELY NOTIFY OWNER, ARCHITECT AND SITE ENGINEER, IN WRITING, OF ANY CONFLICTS, DISCREPANCIES OR 10. AMBIGUITIES WHICH EXIST 1. DEBRIS MUST NOT BE BURIED ON THE SUBJECT SITE AND ALL UNSUITABLE EXCAVATED MATERIAL AND DEBRIS (SOLID WASTE) MUST BE DISPOSED OF IN
- ACCORDANCE WITH THE REQUIREMENTS OF ANY AND ALL GOVERNMENTAL AUTHORITIES WHICH HAVE JURISDICTION OVER THIS PROJECT OR OVER CONTRACTOR. 12. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING WHEN 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.
- 3. THE CONTRACTOR IS TO EXERCISE EXTREME CARE 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. 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.
- 4. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY 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 SHALL 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 12 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. CONTRACTOR MUST BEAR ALL COSTS ASSOCIATED WITH SAM CONTRACTOR IS RESPONSIBLE TO DOCUMENT ALL EXISTING DAMAGE AND TO NOTIFY THE OWNER AND THE CONSTRUCTION MANAGER PRIOR TO THE START OF CONSTRUCTION
- 15. ALL CONCRETE MUST BE AIR ENTRAINED AND HAVE THE MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS UNLESS OTHERWISE NOTED ON THE PLANS, 14. THE TOPS OF EXISTING MANHOLES, INLET STRUCTURES, AND SANITARY CLEANOUT TOPS MUST BE ADJUSTED, AS NECESSARY, TO MATCH PROPOSED GRADES IN ACCORDANCE WITH ALL DETAILS AND/OR GEOTECHNICAL REPORT 16. THE ENGINEER IS NOT RESPONSIBLE FOR CONSTRUCTION METHODS, MEANS, TECHNIQUES OR PROCEDURES, GENERALLY OR FOR THE CONSTRUCTION MEANS, 15. DURING THE INSTALLATION OF SANITARY SEWER, AND ALL UTILITIES, THE CONTRACTOR MUST MAINTAIN A CONTEMPORANEOUS AND THOROUGH RECORD OF METHODS. TECHNIQUES OR PROCEDURES FOR COMPLETION OF THE WORK DEPICTED BOTH ON THESE PLANS. AND FOR ANY CONFLICTS/SCOPE REVISIONS WHICH
- RESULT FROM SAME. CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE METHODS/MEANS FOR COMPLETION OF THE WORK PRIOR TO THE COMMENCEMENT OF CONSTRUCTION 7. THE ENGINEER OF RECORD IS NOT RESPONSIBLE FOR JOB SITE SAFETY. THE ENGINEER OF RECORD HAS NOT BEEN RETAINED TO PERFORM OR BE RESPONSIBLE 16. WHEN THE SITE IMPROVEMENT PLANS INVOLVE MULTIPLE BUILDINGS, SOME OF WHICH MAY BE BUILT AT A LATER DATE, THE CONTRACTOR MUST EXTEND ALL LINES, INCLUDING BUT NOT FOR JOB SITE SAFETY, SAME BEING WHOLLY OUTSIDE OF ENGINEER'S SERVICES AS RELATED TO THE PROJECT. THE ENGINEER OF RECORD IS NOT RESPONSIBLE
- TO IDENTIFY OR REPORT ANY JOB SITE SAFETY ISSUES, AT ANY TIME 18. ALL CONTRACTORS MUST CARRY THE SPECIFIED STATUTORY WORKER'S COMPENSATION INSURANCE, EMPLOYER'S LIABILITY INSURANCE AND LIMITS OF COMMERCIAL GENERAL LIABILITY INSURANCE (CGL). ALL CONTRACTORS MUST HAVE THEIR CGL POLICIES ENDORSED TO NAME BOHLER ENGINEERING, AND ITS 17. 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 INSURED AND TO PROVIDE CONTRACTUAL LIABILITY COVERAGE SUFFICIENT TO INSURE THIS HOLD HARMLESS AND INDEMNITY OBLIGATIONS ASSUMED BY THE CONTRACTORS. ALL CONTRACTORS MUST FURNISH BOHLER ENGINEERING WITH CERTIFICATIONS OF INSURANCE AS EVIDENCE OF THE REQUIRED INSURANCE PRIOR TO COMMENCING WORK AND UPON RENEWAL OF EACH POLICY DURING THE ENTIRE PERIOD OF CONSTRUCTION AND FOR ONE YEAR AFTER THE COMPLETION OF CONSTRUCTION. IN ADDITION, ALL CONTRACTORS WILL, TO THE FULLEST EXTENT PERMITTED UNDER THE LAW, INDEMNIFY, DEFEND AND HOLD HARMLESS BOHLER ENGINEERING AND 15. PROPOSED TOP OF CURB ELEVATIONS ARE GENERALLY 6" ABOVE EXISTING LOCAL ASPHALT GRADE UNLESS OTHERWISE NOTED. FIELD ADJUST TO CREATE A MINIMUM OF 0.75% 16. CONTRACTOR IS RESPONSIBLE TO SAFEGUARD THE SITE AS NECESSARY TO PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE ENTRY OF UNAUTHOR IS RESPONSIBLE TO SAFEGUARD THE SITE AS NECESSARY TO PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE ENTRY OF UNAUTHOR IS RESPONSIBLE TO SAFEGUARD THE SITE AS NECESSARY TO PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE ENTRY OF UNAUTHOR IS RESPONSIBLE TO SAFEGUARD THE SITE AS NECESSARY TO PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE ENTRY OF UNAUTHOR IS RESPONSIBLE TO SAFEGUARD THE SITE AS NECESSARY TO PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE ENTRY OF UNAUTHOR IS RESPONSIBLE TO SAFEGUARD THE SITE AS NECESSARY TO PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE ENTRY OF UNAUTHOR IS RESPONSIBLE TO SAFEGUARD THE SITE AS NECESSARY TO PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE ENTRY OF UNAUTHOR IS RESPONSIBLE TO SAFEGUARD THE SITE AS NECESSARY TO PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE ENTRY OF UNAUTHOR IS RESPONSIBLE TO SAFEGUARD THE SITE AS NECESSARY TO PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE ENTRY OF UNAUTHOR IS RESPONSIBLE. EMPLOYEES, AFFILIATES, SUBSIDIARIES, AND RELATED ENTITIES, AND ITS SUBCONTRACTOR'S OBLIGATION TO ENSURE THAT DESIGN ENGINEER APPROVES FINAL CURBING CUT SHEETS PRIOR TO INSTALLATION OF SAME. NURIES CLAIMS ACTIONS PENALTIES EXPENSES PUNITIVE DAMAGES TORT DAMAGES STATUTORY CLAIMS STATUTORY CAUSES OF ACTION LOSSES CAUSES
- CONNECTED WITH OR TO THE PROJECT, INCLUDING ALL CLAIMS BY EMPLOYEES OF THE CONTRACTORS, ALL CLAIMS BY THIRD PARTIES AND ALL CLAIMS RELATED TO THE PROJECT. CONTRACTOR MUST NOTIFY ENGINEER, IN WRITING, AT LEAST THIRTY (30) DAYS PRIOR TO ANY TERMINATION, SUSPENSION OR CHANGE OF ITS INSURANCE HEREUNDER 19. BOHLER ENGINEERING 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 CHECKING FOR CONFORMANCE WITH 21. WHERE RETAINING WALLS (WHETHER OR NOT THEY MEET THE JURISDICTIONAL DEFINITION) ARE IDENTIFIED ON PLANS, ELEVATIONS IDENTIFIED ARE FOR THE EXPOSED PORTION OF THE THE DESIGN INTENT AND THE INFORMATION SHOWN IN THE CONSTRUCTION CONTRACT DOCUMENTS CONSTRUCTION MEANS AND/OR 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 HEREUNDER. BOHLER ENGINEERING'S SHOP DRAWING REVIEW WILL BE CONDUCTED WITH REASONABLE PROMPTNESS WHILE ALLOWING SUFFICIENT TIME TO PERMIT ADEQUATE REVIEW OF A SPECIFIC ITEM MUST NOT 22 STORM DRAINAGE PIPE JUN ESS INDICATED OTHERWISE ALL STORM SEWER PIPE MUST BE REINFORCED CONCRETE PIPE (RCP) CLASS III WITH SILT TIGHT JOINTS WHEN HIGH-DENSITY INDICATE THAT BOHLER ENGINEERING HAS REVIEWED THE ENTIRE ASSEMBLY OF WHICH THE ITEM IS A COMPONENT. BOHLER ENGINEERING WILL NOT BE RESPONSIBLE FOR ANY DEVIATIONS FROM THE CONSTRUCTION DOCUMENTS NOT PROMPTLY AND IMMEDIATELY BROUGHT TO ITS ATTENTION, IN WRITING, BY THE CONTRACTOR. BOHLER ENGINEERING WILL NOT BE REQUIRED TO REVIEW PARTIAL SUBMISSIONS OR THOSE FOR WHICH SUBMISSIONS OF CORRELATED ITEMS HAVE NOT BEEN RECEIVED 20. NEITHER THE PROFESSIONAL ACTIVITIES OF BOHLER ENGINEERING, NOR THE PRESENCE OF BOHLER ENGINEERING AND/OR ITS PAST, PRESENT AND FUTURE
- OWNERS OFFICERS DIRECTORS PARTNERS SHAREHOLDERS MEMBERS PRINCIPALS COMMISSIONERS AGENTS SERVANTS EMPLOYEES AFEILIATES SUBSIDIARIES, AND RELATED ENTITIES, AND ITS SUBCONTRACTORS AND SUBCONSULTANTS AT A CONSTRUCTION/PROJECT SITE, SHALL RELIEVE THE GENERAL CONTRACTOR OF ITS OBLIGATIONS, DUTIES AND RESPONSIBILITIES INCLUDING, BUT NOT LIMITED TO, CONSTRUCTION MEANS, METHODS, SEQUENCE, TECHNIQUES 25. STORM AND SANITARY SEWER PIPE LENGTHS INDICATED ARE NOMINAL AND MEASURED CENTER OF INLET AND/OR MANHOLES STRUCTURE TO CENTER OF STRUCTURE OR PROCEDURES NECESSARY FOR PERFORMING, OVERSEEING, SUPERINTENDING AND COORDINATING THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND COMPLIANCE WITH ANY HEALTH OR SAFETY PRECAUTIONS REQUIRED BY ANY REGULATORY AGENCIES WITH JURISDICTION OVER THE PROJECT 26. STORMWATER ROOF DRAIN LOCATIONS ARE BASED ON PRELIMINARY ARCHITECTURAL PLANS. CONTRACTOR IS RESPONSIBLE TO AND FOR VERIFYING LOCATIONS OF SAME BASED ON PRELIMINARY ARCHITECTURAL PLANS. AND/OR PROPERTY. BOHLER ENGINEERING AND ITS PERSONNEL HAVE NO AUTHORITY TO EXERCISE ANY CONTROL OVER ANY CONSTRUCTION CONTRACTOR OR ITS EMPLOYEES IN CONNECTION WITH THEIR WORK OR ANY HEALTH OR SAFETY PROGRAMS OR PROCEDURES. THE GENERAL CONTRACTOR IS SOLELY RESPONSIBLE FOR JOB SITE SAFETY. BOHLER ENGINEERING SHALL BE INDEMNIFIED BY THE GENERAL CONTRACTOR AND MUST BE NAMED AN ADDITIONAL 27. INSURED UNDER THE GENERAL CONTRACTOR'S POLICIES OF GENERAL LIABILITY INSURANCE AS DESCRIBED ABOVE IN NOTE 19 FOR JOB SITE SAFETY
- 21. IF THE CONTRACTOR DEVIATES FROM THE PLANS AND SPECIFICATIONS. INCLUDING THE NOTES CONTAINED HEREIN, WITHOUT FIRST OBTAINING THE PRIOR WRITTEN AUTHORIZATION OF THE ENGINEER FOR SLICH DEVIATIONS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE PAYMENT OF ALL COSTS INCURRED IN CORRECTING ANY WORK DONE WHICH DEVIATES FROM THE PLANS, ALL FINES AND/OR PENALTIES ASSESSED WITH RESPECT THERETO AND ALL COMPENSATORY OR PUNITIVE DAMAGES RESULTING THEREFROM AND, FURTHER, SHALL DEFEND, INDEMNIFY AND HOLD HARMLESS THE ENGINEER, TO THE FULLEST EXTENT PERMITTED UNDER THE LAW, IN ACCORDANCE WITH PARAGRAPH 19 HEREIN, FOR AND FROM ALL FEES, ATTORNEYS' FEES, DAMAGES, COSTS, JUDGMENTS, PENALTIES AND THE LIKE RELATED TO SAME 22. CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE AND PROTECTION OF TRAFFIC PLAN FOR ALL WORK THAT AFFECTS PUBLIC TRAVEL EITHER IN THE R.O.W. OR
- ON SITE. THE COST FOR THIS ITEM MUST BE INCLUDED IN THE CONTRACTOR'S PRICE. 23. ALL SIGNING AND PAVEMENT STRIPING MUST CONFORM TO MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES OR LOCALLY APPROVED SUPPLEMENT.
- WITH THE APPROVED PLANS. IF CONTRACTOR AND/OR OWNER FAIL TO BUILD OR CONSTRUCT IN STRICT ACCORDANCE WITH APPROVED PLANS. THEY AGREE TO JOINTLY AND SEVERALLY INDEMNIFY AND HOLD ENGINEER HARMLESS FOR ALL INJURIES AND DAMAGES THAT ENGINEER SUFFERS AND COSTS THAT ENGINEER INCURS 25 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 ENGINEER IS NOT RESPONSIBLE FOR ANY FAILURE TO SO MAINTAIN OR PRESERVE SITE 31. CONSULTANT IS NEITHER LIABLE NOR RESPONSIBLE FOR ANY SUBSURFACE CONDITIONS AND FURTHER, SHALL HAVE NO LIABILITY FOR ANY HAZARDOUS MATERIALS, HAZARDOUS
- 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 ENGINEER HARMLESS FOR ALL INJURIES AND DAMAGES THAT ENGINEER SUFFERS AND COSTS THAT ENGINEER INCURS AS A RESULT OF SAID FAILURE. 26. ALL DIMENSIONS MUST BE TO FACE OF CURB. EDGE OF PAVEMENT, OR EDGE OF BUILDING, UNLESS NOTED OTHERWISE.
- 27. ALL CONSTRUCTION AND MATERIALS MUST COMPLY WITH AND CONFORM TO APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS, LAWS, ORDINANCES, RULES AND CODES, AND ALL APPLICABLE OSHA REQUIREMENTS.
- 28. CONTRACTOR AND OWNER MUST INSTALL ALL ELEMENTS AND COMPONENTS IN STRICT COMPLIANCE WITH AND ACCORDANCE WITH MANUFACTURER'S STANDARDS AND RECOMMENDED INSTALLATION CRITERIA AND SPECIFICATIONS. IF CONTRACTOR AND/OR OWNER FAIL TO DO SO, THEY AGREE TO JOINTLY AND SEVERALLY INDEMNIFY AND HOLD ENGINEER HARMLESS FOR ALL INJURIES AND DAMAGES THAT ENGINEER SUFFERS AND COSTS THAT ENGINEER INCURS AS A RESULT OF SAID FAILURE.
- 29. CONTRACTOR IS RESPONSIBLE TO MAINTAIN ON-SITE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) IN COMPLIANCE WITH EPA REQUIREMENTS FOR SITES WHERE ONE (1) ACRE OR MORE (UNLESS THE LOCAL JURISDICTION REQUIRES FEWER) IS DISTURBED BY CONSTRUCTION ACTIVITIES CONTRACTOR IS RESPONSIBLE TO ENSURE THAT ALL ACTIVITIES. INCLUDING THOSE OF 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. 30. AS CONTAINED IN THESE DRAWINGS AND ASSOCIATED APPLICATION DOCUMENTS PREPARED BY THE SIGNATORY PROFESSIONAL ENGINEER, THE USE OF THE
- WORDS CERTIFY OR CERTIFICATION CONSTITUTES AN EXPRESSION OF "PROFESSIONAL OPINION" REGARDING THE INFORMATION WHICH IS THE SUBJECT OF THE UNDERSIGNED PROFESSIONAL'S KNOWLEDGE OR BELIEF AND IN ACCORDANCE WITH COMMON ACCEPTED PROCEDURE CONSISTENT WITH THE APPLICABLE STANDARDS OF PRACTICE, AND DOES NOT CONSTITUTE A WARRANTY OR GUARANTEE, EITHER EXPRESSED OR IMPLIED.

#### **GENERAL GRADING & UTILITY PLAN NOTES**

- SHALL BE FIELD VERIFIED BY TEST PIT PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- UTILITIES DURING CONSTRUCTION

- STATUTES, LAWS, ORDINANCES AND CODES
- MUNICIPALITY TO CONFIRM THE PROPER WATER METER AND VAULT, PRIOR TO COMMENCING CONSTRUCTION.
- ALL APPLICABLE REQUIREMENTS, 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.
- RELATED FOR OR AS RELATED TO EXCAVATION AND TRENCHING PROCEDURES.
- APPLICABLE STANDARDS, REQUIREMENTS, RULES, STATUTES, LAWS, ORDINANCES AND CODES.
- PROVIDE TO THE OWNER AT THE COMPLETION OF WORK

- IMMEDIATELY NOTIFY THE DESIGN ENGINEER. IN WRITING, OF ANY DISCREPANCIES AND/OR CONFLICTS
- MUST SUPPLY A COPY OF APPROVALS TO ENGINEER AND OWNER PRIOR TO INITIATING ANY WORK

- UNLESS INDICATED OTHERWISE ON THE DRAWINGS, SANITARY SEWER PIPE SHALL BE AS FOLLOWS: FOR PIPES LESS THAN 12 FT. DEEP: POLYVINYL CHLORIDE (PVC) SDR 35 PER ASTM D3034 FOR PIPES MORE THAN 12 FT. DEEP: POLYVINYL CHLORIDE (PVC) SDR 26 PER ASTM D3034
- FINAL ARCHITECTURAL PLANS
- JURISDICTION OVER SAME
- MUST BE PROVIDED
- AWWA STANDARDS IN EFFECT AT THE TIME OF APPLICATION. WITH THE AGENCY WITH JURISDICTION OVER SAME. 30. LOCATION OF PROPOSED UTILITY POLE RELOCATION IS AT THE SOLE DISCRETION OF UTILITY COMPANY

ANY CONSTRUCTION OR EXCAVATION. SANITARY SEWER AND ALL OTHER UTILITY SERVICE CONNECTION POINTS MUST BE INDEPENDENTLY CONFIRMED BY THE CONTRACTOR IN THE FIELD PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. ALL DISCREPANCIES MUST IMMEDIATELY BE REPORTED, IN WRITING, TO THE ENGINEER. CONSTRUCTION MUST COMMENCE • "EXISTING CONDITIONS PLAN OF LAND STEVEN'S MILL", PREPARED BY FELDMAN LAND SURVEYORS, DATED 07/01/21 BEGINNING AT THE LOWEST INVERT (POINT OF CONNECTION) AND PROGRESS UP GRADIENT. PROPOSED INTERFACE POINTS (CROSSINGS) WITH EXISTING UNDERGROUND UTILITIES CONTRACTOR MUST VERTICALLY AND HORIZONTALLY LOCATE ALL UTILITIES AND SERVICES INCLUDING, BUT NOT LIMITED TO, GAS, WATER, ELECTRIC, SANITARY AND STORM SEWER, 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 3. WITH THE REQUIREMENTS OF THE APPLICABLE UTILITY NOTIFICATION SYSTEM TO LOCATE ALL THE UNDERGROUND UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ALL DAMAGE TO ANY EXISTING UTILITIES DURING CONSTRUCTION. AT NO COST TO THE OWNER. CONTRACTOR SHALL BEAR ALL COSTS ASSOCIATED WITH DAMAGE TO ANY EXISTING 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. SHOULD THE CONTRACTOR FIND A CONFLICT AND/OR DISCREPANCY 5

BETWEEN THE DOCUMENTS RELATIVE TO THE SPECIFICATIONS OR THE RELATIVE OR APPLICABLE CODES. REGULATIONS LAWS, RULES, STATUTES AND/OR ORDINANCES, IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO NOTIFY THE PROJECT ENGINEER OF RECORD, IN WRITING, OF SAID CONFLICT AND/OR DISCREPANCY PRIOR TO THE START OF CONSTRUCTION. CONTRACTOR'S FAILURE TO NOTIFY THE PROJECT ENGINEER SHALL CONSTITUTE CONTRACTOR'S FULL AND COMPLETE ACCEPTANCE OF ALL RESPONSIBILITY TO COMPLETE THE SCOPE OF WORK AS DEFINED BY THE DRAWINGS AND IN FULL COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS, LAWS, STATUTES, ORDINANCES AND CODES AND, FURTHER, CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH SAME.

4. THE CONTRACTOR MUST LOCATE AND CLEARLY AND UNAMBIGUOUSLY DEFINE VERTICALLY AND HORIZONTALLY ALL ACTIVE AND INACTIVE UTILITY AND/OR SERVICE SYSTEMS THAT ARE TO BE REMOVED. THE CONTRACTOR IS RESPONSIBLE TO PROTECT AND MAINTAIN ALL ACTIVE AND INACTIVE SYSTEMS THAT ARE NOT BEING REMOVED/RELOCATED DURING SITE

THE CONTRACTOR MUST FAMILIARIZE ITSELF WITH THE APPLICABLE UTILITY SERVICE PROVIDER REQUIREMENTS AND IS RESPONSIBLE FOR ALL COORDINATION REGARDING UTILITY DEMOLITION 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 AND ABANDONED IN ACCORDANCE WITH THE JURISDICTION AND UTILITY COMPANY REQUIREMENTS AND ALL OTHER APPLICABLE REQUIREMENTS. RULES.

THE CONTRACTOR MUST INSTALL ALL STORM SEWER AND SANITARY SEWER COMPONENTS WHICH FUNCTION BY GRAVITY PRIOR TO THE INSTALLATION OF ALL OTHER UTILITIES.

CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF SITE PLAN DOCUMENTS AND ARCHITECTURAL DESIGN FOR EXACT BUILDING UTILITY CONNECTION LOCATIONS. GREASE TRAF REQUIREMENTS/DETAILS, DOOR ACCESS, AND EXTERIOR GRADING. THE ARCHITECT WILL DETERMINE THE UTILITY SERVICE SIZES. THE CONTRACTOR MUST COORDINATE INSTALLATION OF UTILITIES/SERVICES WITH THE INDIVIDUAL COMPANIES, TO AVOID CONFLICTS AND TO ENSURE THAT PROPER DEPTHS ARE ACHIEVED. THE CONTRACTOR IS RESPONSIBLE FOR NSURING THAT INSTALLATION OF ALL IMPROVEMENTS COMPLIES WITH ALL UTILITY REQUIREMENTS WITH JURISDICTION AND/OR CONTROL OF THE SITE, AND ALL OTHER APPLICABLE REQUIREMENTS RULES STATUTES LAWS 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 SITE PLANS AND THE ARCHITECTURAL PLANS. OR WHERE ARCHITECTURAL PLAN UTILITY CONNECTION POINTS DIFFER, THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE ENGINEER, IN WRITING, AND PRIOR TO CONSTRUCTION, RESOLVE SAME

WATER SERVICE MATERIALS, BURIAL DEPTH, AND COVER REQUIREMENTS MUST BE SPECIFIED BY THE LOCAL UTILITY COMPANY. CONTRACTOR'S PRICE FOR WATER SERVICE MUST INCLUDE ALL FEES, COSTS AND APPURTENANCES REQUIRED BY THE UTILITY TO PROVIDE FULL AND COMPLETE WORKING SERVICE. CONTRACTOR MUST CONTACT THE APPLICABLE

ALL NEW UTILITIES/SERVICES, INCLUDING ELECTRIC, TELEPHONE, CABLE TV, ETC. ARE TO BE INSTALLED UNDERGROUND. ALL NEW UTILITIES/SERVICES MUST BE INSTALLED IN ACCORDANCE WITH THE UTILITY/SERVICE PROVIDER INSTALLATION SPECIFICATIONS AND STANDARDS

SITE GRADING MUST BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE GEOTECHNICAL REPORT REFERENCED IN THIS PLAN SET. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING AND REPLACING UNSUITABLE MATERIALS WITH SUITABLE MATERIALS AS SPECIFIED IN THE GEOTECHNICAL REPORT ALL EXCAVATED OR FILLED AREAS MUST BE COMPACTED AS OUTLINED IN THE GEOTECHNICAL REPORT. MOISTURE CONTENT AT TIME OF PLACEMENT MUST BE SUBMITTED IN A COMPACTION REPORT PREPARED BY A QUALIFIED GEOTECHNICAL ENGINEER, REGISTERED WITH THE STATE WHERE THE WORK IS PERFORMED, VERIFYING 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. 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 IS TO BE REMOVED AND FILLED WITH APPROVED FILL MATERIAL COMPACTED AS DIRECTED BY THE GEOTECHNICAL REPORT. EARTHWORK ACTIVITIES INCLUDING, BUT NOT LIMITED TO, EXCAVATION, BACKFILL, AND COMPACTING MUST COMPLY WITH THE RECOMMENDATIONS IN THE GEOTECHNICAL REPORT AND

ALL FILL. COMPACTION, AND BACKFILL MATERIALS REQUIRED FOR UTILITY INSTALLATION MUST BE AS PER THE RECOMMENDATIONS PROVIDED IN THE GEOTECHNICAL REPORT AND MUST 9. BE COORDINATED WITH THE APPLICABLE UTILITY COMPANY SPECIFICATIONS. WHEN THE PROJECT DOES NOT HAVE GEOTECHNICAL RECOMMENDATIONS. FILL AND COMPACTION MUST. AT A MINIMUM. COMPLY WITH THE STATE DOT REQUIREMENTS AND SPECIFICATIONS AND CONSULTANT SHALL HAVE NO LIABILITY OR RESPONSIBILITY FOR OR AS RELATED TO FILL. COMPACTION AND BACKFILL. FURTHER, CONTRACTOR IS FULLY RESPONSIBLE FOR EARTHWORK BALANCE.

THE CONTRACTOR MUST COMPLY, TO THE FULLEST EXTENT, WITH THE LATEST OSHA STANDARDS AND REGULATIONS, AND/OR ANY OTHER AGENCY WITH JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE "MEANS AND METHODS" REQUIRED TO MEET THE INTENT AND PERFORMANCE CRITERIA OF OSHA. AS WELL AS ANY OTHER ENTITY THAT HAS JURISDICTION FOR EXCAVATION AND/OR TRENCHING PROCEDURES AND CONSULTANT SHALL HAVE NO RESPONSIBILITY FOR OR AS

PAVEMENT MUST BE SAW CUT IN STRAIGHT LINES, AND EXCEPT FOR EDGE OF BUTT JOINTS, MUST EXTEND TO THE FULL DEPTH OF THE EXISTING PAVEMENT. ALL DEBRIS FROM REMOVAL OPERATIONS MUST BE REMOVED FROM THE SITE AT THE TIME OF EXCAVATION. STOCKPILING OF DEBRIS WILL NOT BE PERMITTED

CONSTRUCTION TO IDENTIFY THE AS-INSTALLED LOCATIONS OF ALL UNDERGROUND INFRASTRUCTURE. THE CONTRACTOR MUST CAREFULLY NOTE ANY INSTALLATIONS THAT DEVIATE FROM THE INFORMATION CONTAINED IN THE UTILITY PLAN. THIS RECORD MUST BE KEPT ON A CLEAN COPY OF THE DRAINAGE OR UTILITY PLAN, WHICH CONTRACTOR MUST PROMPTLY

LIMITED TO STORM SEWER, SANITARY SEWER, UTILITIES, AND IRRIGATION LINE, TO A POINT AT LEAST FIVE (5) FEET BEYOND THE PAVED AREAS FOR WHICH THE CONTRACTOR IS RESPONSIBLE. CONTRACTOR MUST CAP ENDS AS APPROPRIATE, MARK LOCATIONS WITH A 2X4, AND MUST NOTE THE LOCATION OF ALL OF THE ABOVE ON A CLEAN COPY OF THE DRAINAGE OR UTILITY PLAN, WHICH CONTRACTOR MUST PROMPTLY PROVIDE TO THE OWNER UPON COMPLETION OF THE WORK.

THE CONTRACTOR IS FULLY RESPONSIBLE FOR VERIFICATION OF EXISTING TOPOGRAPHIC INFORMATION AND UTILITY INVERT ELEVATIONS PRIOR TO COMMENCING ANY CONSTRUCTION CONTRACTOR MUST CONFIRM AND ENSURE 0.75% MINIMUM SLOPE AGAINST ALL ISLANDS, GUTTERS, AND CURBS; 1.0% ON ALL CONCRETE SURFACES; AND 1.5% MINIMUM ON ASPHALT (EXCEPT WHERE ADA REQUIREMENTS OR EXISTING TOPOGRAPHY LIMIT GRADES), TO PREVENT PONDING. CONTRACTOR MUST IMMEDIATELY IDENTIFY, IN WRITING TO THE ENGINEER ANY DISCREPANCIES THAT MAY OR COULD AFFECT THE PUBLIC SAFETY. HEALTH OR GENERAL WELFARE, OR PROJECT COST, JE CONTRACTOR PROCEEDS WITH CONSTRUCTION WITHOUT PROVIDING PROPER NOTIFICATION. MUST BE AT THE CONTRACTOR'S OWN RISK AND, FURTHER, CONTRACTOR SHALL INDEMNIFY, DEFEND AND HOLD HARMLESS THE DESIGN ENGINEER FOR ANY DAMAGES, COSTS, INJURIES, ATTORNEY'S FEES AND THE LIKE WHICH RESULT FROM SAME

OF ACTION, LIABILITIES OR COSTS, INCLUDING, BUT NOT LIMITED TO, REASONABLE ATTORNEYS' FEES AND DEFENSE COSTS, ARISING OUT OF OR IN ANY WAY 19. IN THE EVENT OF DISCREPANCIES AND/OR CONFLICTS BETWEEN PLANS OR RELATIVE TO OTHER PLANS, THE SITE PLAN WILL TAKE PRECEDENCE AND CONTROL. CONTRACTOR MUST 17.

20. CONTRACTOR IS REQUIRED TO SECURE ALL NECESSARY AND/OR REQUIRED PERMITS AND APPROVALS FOR ALL OFF SITE MATERIAL SOURCES AND DISPOSAL FACILITIES. CONTRACTOR

WALL. WALL FOOTINGS/FOUNDATION ELEVATIONS ARE NOT IDENTIFIED HEREIN AND ARE TO BE SET/DETERMINED BY THE CONTRACTOR BASED ON FINAL STRUCTURAL DESIGN SHOP DRAWINGS PREPARED BY THE APPROPRIATE PROFESSIONAL LICENSED IN THE STATE WHERE THE CONSTRUCTION OCCURS

POLYETHYLENE PIPE (HDPE) IS CALLED FOR ON THE PLANS. IT MUST CONFORM TO AASHTO M294 AND TYPE S (SMOOTH INTERIOR WITH ANGULAR CORRUGATIONS) WITH GASKET FOR SILT TIGHT JOINT. PVC PIPE FOR ROOF DRAIN CONNECTION MUST BE SDR 26 OR SCHEDULE 40 UNLESS INDICATED OTHERWISE.

FOR PIPE WITHIN 10 FT. OF BUILDING, PIPE MATERIAL SHALL COMPLY WITH APPLICABLE BUILDING AND PLUMBING CODES. CONTRACTOR TO VERIEV WITH LOCAL OFFICIALS

SEWERS CROSSING STREAMS AND/OR LOCATION WITHIN 10 FEET OF THE STREAM EMBANKMENT, OR WHERE SITE CONDITIONS SO INDICATE, MUST BE CONSTRUCTED OF STEEL REINFORCED CONCRETE, DUCTILE IRON OR OTHER SUITABLE MATERIAL. SEWERS CONVEYING SANITARY FLOW COMBINED SANITARY AND STORMWATER 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 BE IN SEPARATE TRENCHES WITH THE SEWER AT LEAST 18 INCHES BELOW THE BOTTOM OF THE WATER MAIN, OR SUCH OTHER SEPARATION AS APPROVED BY THE GOVERNMENT AGENCY WITH

WHERE APPROPRIATE SEPARATION FROM A WATER MAIN IS NOT POSSIBLE, THE SEWER MUST BE ENCASED IN CONCRETE, OR CONSTRUCTED OF DUCTILE IRON PIPE USING + PARKING SPACES AND PARKING AISLES - SLOPE SHALL NOT EXCEED 1:50 (1/4" PER FOOT OR NOMINALLY 2.0%) IN ANY DIRECTION. MECHANICAL OR SLIP-ON JOINTS FOR A DISTANCE OF AT LEAST 10 FEET ON EITHER SIDE OF THE CROSSING. IN ADDITION, ONE FULL LENGTH OF SEWER PIPE SHOULD BE LOCATED SO BOTH JOINTS WILL BE AS FAR FROM THE WATER LINE AS POSSIBLE. WHERE A WATER MAIN CROSSES UNDER A SEWER, ADEQUATE STRUCTURAL SUPPORT FOR THE SEWER • CURB RAMPS - SLOPE MUST NOT EXCEED 1:12 (8.3%) FOR A MAXIMUM OF SIX (6) FEET.

28. WATER MAIN PIPING MUST BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS AND SPECIFICATIONS OF THE LOCAL WATER PURVEYOR. 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

24. ENGINEER IS NOT RESPONSIBLE FOR ANY INJURY OR DAMAGES RESULTING FROM CONTRACTOR'S FAILURE TO BUILD OR CONSTRUCT IN STRICT ACCORDANCE 29. CONTRACTOR MUST ENSURE THAT ALL UTILITY TRENCHES LOCATED IN EXISTING PAVED ROADWAYS INCLUDING SEWER, WATER AND STORM SYSTEMS, MUST BE REPAIRED IN ACCORDANCE WITH REFERENCED MUNICIPAL, COUNTY AND/OR DOT DETAILS AS APPLICABLE. CONTRACTOR MUST COORDINATE INSPECTION AND APPROVAL OF COMPLETED WORK

SUBSTANCES, OR POLLUTANTS ON, ABOUT OR UNDER THE PROPERTY

#### **GENERAL DEMOLITION NOTES**

1. LOCATIONS OF ALL EXISTING AND PROPOSED SERVICES ARE APPROXIMATE AND MUST BE INDEPENDENTLY CONFIRMED WITH LOCAL UTILITY COMPANIES PRIOR TO COMMENCEMENT OF 1. THIS PLAN REFERENCES DOCUMENTS AND INFORMATION BY

- CONTRACTOR SHALL PERFORM ALL WORK IN ACCORDANCE WITH THE REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970, (29 U.S.C. 651 et seq. AMENDED AND ANY MODIFICATIONS, AMENDMENTS OR REVISIONS TO SAME
- BOHLER ENGINEERING HAS NO CONTRACTUAL, LEGAL, OR OTHER RESPONSIBILITY FOR JOB SITE SAFETY OR JOB SITE SUPERVISION, OR ANYTHING RELATED TO SAME THE DEMOLITION PLAN IS INTENDED TO PROVIDE GENERAL INFORMATION, ONLY, REGARDING ITEMS TO BE DEMOLISHED AND/OR REMOVED. THE CONTRACTOR MUST REVIEW THE OTHER SITE PLAN DRAWINGS AND INCLUDE IN DEMOLITION ACTIVITIES ALL INCIDENTAL WORK NECESSARY FOR THE CONSTRUCTION OF THE NEW SITE

CONTRACTOR MUST RAISE ANY QUESTIONS CONCERNING THE ACCURACY OR INTENT OF THESE PLANS OR SPECIFICATIONS. CONCERNS REGARDING THE APPLICABLE SAFETY STANDARDS, OR THE SAFETY OF THE CONTRACTOR OR THIRD PARTIES IN PERFORMING THE WORK ON THIS PROJECT. WITH BOHLER ENGINEERING, IN WRITIN RESPONDED TO BY BOHLER, IN WRITING, PRIOR TO THE INITIATION OF ANY SITE ACTIVITY AND ANY DEMOLITION ACTIVITY. ALL DEMOLITION ACTIVITIES MUST BE PERFO IN ACCORDANCE WITH THE REQUIREMENTS OF THESE PLANS AND SPECIFICATIONS AND ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS, RULES, REQUIREMENTS, STATUTES, ORDINANCES AND CODES.

PRIOR TO STARTING ANY DEMOLITION. CONTRACTOR IS RESPONSIBLE FOR/TO:

- A.OBTAINING ALL REQUIRED PERMITS AND MAINTAINING THE SAME ON SITE FOR REVIEW BY THE ENGINEER AND OTHER PUBLIC AGENCIES WITH JURISDICTION THROUG THE DURATION OF THE PROJECT, SITE WORK, AND DEMOLITION WORK.
- B.NOTIFYING, AT A MINIMUM, THE MUNICIPAL ENGINEER, DESIGN ENGINEER, AND LOCAL SOIL CONSERVATION DISTRICT, 72 HOURS PRIOR TO THE START OF WORK.
- C.INSTALLING THE REQUIRED SOIL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO SITE DISTURBANCE.
- D.IN ACCORDANCE WITH STATE LAW, THE CONTRACTOR MUST CALL THE STATE ONE-CALL DAMAGE PROTECTION SYSTEM FOR UTILITY MARKOUT, IN ADVANCE O E.LOCATING AND PROTECTING ALL UTILITIES AND SERVICES, INCLUDING BUT NOT LIMITED TO GAS, WATER, ELECTRIC, SANITARY AND STORM SEWER, TELEPHONE, FIBER OPTIC CABLE, ETC. WITHIN AND ADJACENT TO THE LIMITS OF PROJECT ACTIVITIES. THE CONTRACTOR MUST USE AND COMPLY WITH THE REQUIREMENTS OF
- APPLICABLE UTILITY NOTIFICATION SYSTEM TO LOCATE ALL THE UNDERGROUND UTILITIES. F. PROTECTING AND MAINTAINING IN OPERATION, ALL ACTIVE UTILITIES AND SYSTEMS THAT ARE NOT BEING REMOVED DURING ALL DEMOLITION ACTIVITIES.
- ARRANGING FOR AND COORDINATING WITH THE APPLICABLE UTILITY SERVICE PROVIDER(S) FOR THE TEMPORARY OR PERMANENT TERMINATION OF SERVICE REQUIF THE PROJECT PLANS AND SPECIFICATIONS. THE CONTRACTOR MUST PROVIDE THE UTILITY ENGINEER AND OWNER WRITTEN NOTIFICATION THAT THE EXISTING UT AND SERVICES HAVE BEEN TERMINATED AND ABANDONED IN ACCORDANCE WITH JURISDICTIONAL AND UTILITY COMPANY REQUIREMENTS.
- H.COORDINATION WITH UTILITY COMPANIES REGARDING WORKING "OFF-PEAK" HOURS OR ON WEEKENDS AS MAY BE REQUIRED TO MINIMIZE THE IMPACT ON THE AFF RTIES. WORK REQUIRED TO BE DONE "OFF-PEAK" IS TO BE DONE AT NO ADDITIONAL COST TO THE OWNER.
- I. IN THE EVENT THE CONTRACTOR DISCOVERS ANY HAZARDOUS MATERIAL, THE REMOVAL OF WHICH IS NOT ADDRESSED IN THE PROJECT PLANS AND SPECIFICATION CONTRACTOR MUST IMMEDIATELY CEASE ALL WORK AND IMMEDIATELY NOTIFY THE OWNER AND ENGINEER OF THE DISCOVERY OF SUCH MATERIALS. THE FIRM OR ENGINEER OF RECORD IS NOT RESPONSIBLE FOR JOB SITE SAFETY OR SUPERVISION. CONTRACTOR MUST PROCEED WITH THE DEMOLITION IN A SYSTEM

AND SAFE MANNER, FOLLOWING ALL THE OSHA REQUIREMENTS, TO ENSURE PUBLIC AND CONTRACTOR SAFETY. THE CONTRACTOR MUST PROVIDE ALL "MEANS AND METHODS" NECESSARY TO PREVENT MOVEMENT, SETTLEMENT, OR COLLAPSE OF EXISTING STRUCTURES, AN OTHER IMPROVEMENTS THAT ARE REMAINING ON OR OFF SITE. THE CONTRACTOR IS RESPONSIBLE FOR ALL REPAIRS OF DAMAGE TO ALL ITEMS THAT ARE TO RE CONTRACTOR MUST USE NEW MATERIAL FOR ALL REPAIRS. CONTRACTOR'S REPAIR MUST INCLUDE THE RESTORATION OF ANY ITEMS REPAIRED TO THE PRE-DEMO

CONDITION, OR BETTER. CONTRACTOR SHALL PERFORM ALL REPAIRS AT THE CONTRACTOR'S SOLE EXPENSE THE CONTRACTOR MUST NOT PERFORM ANY EARTH MOVEMENT ACTIVITIES, DEMOLITION OR REMOVAL OF FOUNDATION WALLS, FOOTINGS, OR OTHER MATERIALS THE LIMITS OF DISTURBANCE UNLESS SAME IS IN STRICT ACCORDANCE AND CONFORMANCE WITH THE PROJECT PLANS AND SPECIFICATIONS, AND/OR UNDER THE W DIRECTION OF THE OWNER'S STRUCTURAL OR GEOTECHNICAL ENGINEER.

CONTRACTOR MUST BACKFILL ALL EXCAVATION RESULTING FROM, OR INCIDENTAL TO, DEMOLITION ACTIVITIES. BACKFILL MUST BE ACCOMPLISHED WITH APPI BACKFILL MATERIALS, AND MUST BE SUFFICIENTLY COMPACTED TO SUPPORT NEW IMPROVEMENTS AND PERFORMED IN COMPLIANCE WITH THE RECOMMENDATION GUIDANCE IN THE GEOTECHNICAL REPORT. BACKFILLING MUST OCCUR IMMEDIATELY AFTER DEMOLITION ACTIVITIES, AND MUST BE DONE SO AS TO PREVENT ENTERING THE EXCAVATION. FINISHED SURFACES MUST BE GRADED TO PROMOTE POSITIVE DRAINAGE.

- EXPLOSIVES MUST NOT BE USED WITHOUT PRIOR WRITTEN CONSENT OF BOTH THE OWNER AND ALL APPLICABLE GOVERNMENTAL AUTHORITIES. ALL THE REC PERMITS AND EXPLOSIVE CONTROL MEASURES THAT ARE REQUIRED BY THE FEDERAL, STATE, AND LOCAL GOVERNMENTS MUST BE IN PLACE PRIOR TO CONTR STARTING AN EXPLOSIVE PROGRAM AND/OR ANY DEMOLITION. THE CONTRACTOR IS ALSO RESPONSIBLE FOR ALL INSPECTION AND SEISMIC VIBRATION TESTING T REQUIRED TO MONITOR THE EFFECTS ON ALL LOCAL STRUCTURES.
- CONTRACTOR MUST PROVIDE TRAFFIC CONTROL AND GENERALLY ACCEPTED SAFE PRACTICES IN CONFORMANCE WITH THE CURRENT FHWA "MANUAL ON UN TRAFFIC CONTROL DEVICES" (MUTCD). AND THE FEDERAL. STATE. AND LOCAL REGULATIONS WHEN DEMOLITION RELATED ACTIVITIES IMPACT ROADWAYS AND/OR ROA RIGHT-OF-WAY
- 13. CONTRACTOR MUST CONDUCT DEMOLITION ACTIVITIES IN SUCH A MANNER TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, SIDEWALKS, WALKWAYS OTHER ADJACENT FACILITIES. STREET CLOSURE PERMITS MUST BE RECEIVED FROM THE APPROPRIATE GOVERNMENTAL AUTHORITY PRIOR TO THE COMMENCEME ANY ROAD OPENING OR DEMOLITION ACTIVITIES IN OR ADJACENT TO THE RIGHT-OF-WAY
- DEMOLITION ACTIVITIES AND EQUIPMENT MUST NOT USE AREAS OUTSIDE THE DEFINED PROJECT LIMIT LINE, WITHOUT WRITTEN PERMISSION OF THE OWNER AN OVERNMENTAL AGENCIES WITH JURISDICTION.

THE CONTRACTOR MUST USE DUST CONTROL MEASURES TO LIMIT AIRBORNE DUST AND DIRT RISING AND SCATTERING IN THE AIR IN ACCORDANCE WITH FEDERAL, AND/OR LOCAL STANDARDS. AFTER THE DEMOLITION IS COMPLETE, CONTRACTOR MUST CLEAN ALL ADJACENT STRUCTURES AND IMPROVEMENTS TO REMOVE ALL AND DEBRIS CAUSED BY THE DEMOLITION OPERATIONS. THE CONTRACTOR IS RESPONSIBLE FOR RETURNING ALL ADJACENT AREAS TO THEIR "PRE-DEMOL

- PERSONS AT ANY TIME.
- CONTRACTOR IS RESPONSIBLE FOR SITE JOB SAFETY, WHICH MUST INCLUDE, BUT NOT BE LIMITED TO, THE INSTALLATION AND MAINTENANCE OF BARRIERS, FENCIN OTHER APPROPRIATE SAFETY ITEMS NECESSARY TO PROTECT THE PUBLIC FROM AREAS OF CONSTRUCTION AND CONSTRUCTION ACTIVITY.
- THIS DEMOLITION PLAN IS INTENDED TO IDENTIFY THOSE EXISTING ITEMS/CONDITIONS WHICH ARE TO BE REMOVED. IT IS NOT INTENDED TO PROVIDE DIRECTION AS 1 MEANS, METHODS, SEQUENCING, TECHNIQUES AND PROCEDURES TO BE USED TO ACCOMPLISH THAT WORK. ALL MEANS, METHODS, SEQUENCING, TECHNIQUE PROCEDURES TO BE USED MUST BE IN STRICT ACCORDANCE WITH ALL STATE, FEDERAL, LOCAL, AND JURISDICTIONAL REQUIREMENTS. THE CONTRACTOR MUST CO WITH ALL OSHA AND OTHER SAFETY PRECAUTIONS NECESSARY TO PROVIDE A SAFE WORK SITE.
- 19. DEBRIS MUST NOT BE BURIED ON THE SUBJECT SITE. ALL DEMOLITION WASTES AND DEBRIS (SOLID WASTE) MUST BE DISPOSED OF IN ACCORDANCE WITH ALL MUNI COUNTY, STATE, AND FEDERAL LAWS AND APPLICABLE CODES. THE CONTRACTOR MUST MAINTAIN RECORDS TO DEMONSTRATE PROPER DISPOSAL ACTIVITIES, PROMPTLY PROVIDED TO THE OWNER UPON REQUEST
- 20. CONTRACTOR MUST MAINTAIN A RECORD SET OF PLANS UPON WHICH IS INDICATED THE LOCATION OF EXISTING UTILITIES THAT ARE CAPPED, ABANDONED IN PLAC RELOCATED DUE TO DEMOLITION ACTIVITIES. THIS RECORD DOCUMENT MUST BE PREPARED IN A NEAT AND WORKMAN-LIKE MANNER, AND TURNED OVER T OWNER/DEVELOPER UPON COMPLETION OF THE WORK

### ADA INSTRUCTIONS TO CONTRACTOR:

CONTRACTORS MUST EXERCISE APPROPRIATE CARE AND PRECISION IN CONSTRUCTION OF ADA (ACCESSIBLE) ACCESSIBLE COMPONENTS AND ACCESS ROUTES FOR THE SITE. THESE COMPONENTS, AS CONSTRUCTED, MUST COMPLY WITH ALL APPLICABLE STATE AND LOCAL ACCESSIBILITY LAWS AND REGULATIONS AND THE CURRENT ADA AND/OR STATE ARCHITECTURAL ACCESS BOARD STANDARDS AND REGULATIONS' BARRIER FREE ACCESS AND ANY MODIFICATIONS. REVISIONS OR UPDATES TO SAME. FINISHED SURFACES ALONG THE ACCESSIBLE ROUTE OF TRAVEL FROM PARKING SPACE. PUBLIC TRANSPORTATION, PEDESTRIAN ACCESS, INTER-BUILDING ACCESS, TO POINTS OF ACCESSIBLE BUILDING ENTRANCE/EXIT MUST COMPLY WITH THESE ADA AND/OR ARCHITECTURAL ACCESS BOARD CODE REQUIREMENTS. THESE INCLUDE BUILDING ENTRANCE/EXIT MUST COMPLY WITH THESE ADA AND/OR ARCHITECTURAL ACCESS BOARD CODE REQUIREMENTS. ARE NOT LIMITED TO THE FOLLOWING

- LANDINGS MUST BE PROVIDED AT EACH END OF RAMPS, MUST PROVIDE POSITIVE DRAINAGE, AND MUST NOT EXCEED 1:50 (1/4" PER FOOT OR NOMINALLY 2.0%) IN / DIRECTION.
- PATH OF TRAVEL ALONG ACCESSIBLE ROUTE MUST PROVIDE A 36-INCH OR GREATER UNOBSTRUCTED WIDTH OF TRAVEL (CAR OVERHANGS AND/OR HANDRAILS CAN REDUCE THIS MINIMUM WIDTH). THE SLOPE MUST BE NO GREATER THAN 1:20 (5.0%) IN THE DIRECTION OF TRAVEL. AND MUST NOT EXCEED 1:50 (1/4" PER FOOT NOMINALLY 2.0%) IN CROSS SLOPE. WHERE PATH OF TRAVEL WILL BE GREATER THAN 1:20 (5.0%), ADA RAMP MUST BE ADHERED TO. A MAXIMUM SLOPE OF 1:12 (8.3%), A MAXIMUM RISE OF 2.5 FEET, MUST BE PROVIDED. THE RAMP MUST HAVE ADA HAND RAILS AND "LEVEL" LANDINGS ON EACH END THAT ARE CROSS SLOPED NO M THAN 1:50 IN ANY DIRECTION (1/4" PER FOOT OR NOMINALLY 2.0%) FOR POSITIVE DRAINAGE.
- DOORWAYS MUST HAVE A "LEVEL" LANDING AREA ON THE EXTERIOR SIDE OF THE DOOR THAT IS SLOPED AWAY FROM THE DOOR NO MORE THAN 1:50 (1/4" PER FOOT NOMINALLY 2.0%) FOR POSITIVE DRAINAGE. THIS LANDING AREA MUST BE NO LESS THAN 60 INCHES (5 FEET) LONG. EXCEPT WHERE OTHERWISE PERMITTED BY STANDARDS FOR ALTERNATIVE DOORWAY OPENING CONDITIONS. (SEE ICC/ANSI A117.1-2003 AND OTHER REFERENCED INCORPORATED BY CODE.)
- WHEN THE PROPOSED CONSTRUCTION INVOLVES RECONSTRUCTION, MODIFICATION, REVISION OF EXTENSION OF OR TO ADA COMPONENTS FROM EXISTING DOORW OR SURFACES CONTRACTOR MUST VERIEV EXISTING FLEVATIONS SHOWN ON THE PLAN NOTE THAT TABLE 405.2 OF THE DEPARTMENT OF JUSTICE'S ADA STANDAL FOR ACCESSIBLE DESIGN ALLOWS FOR STEEPER RAMP SLOPES. IN RARE CIRCUMSTANCES. THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE DESIGN ENGINEER OF DISCREPANCIES AND/OR FIELD CONDITIONS THAT DIFFER IN ANY WAY OR ANY RESPECT FROM WHAT IS SHOWN ON THE PLANS, IN WRITING, BEFORE COMMENCEMENT WORK. CONSTRUCTED IMPROVEMENTS MUST FALL WITHIN THE MAXIMUM AND MINIMUM LIMITATIONS IMPOSED BY THE BARRIER FREE REGULATIONS AND THE A REQUIREMENTS
- THE CONTRACTOR MUST VERIFY THE SLOPES OF CONTRACTOR'S FORMS PRIOR TO POURING CONCRETE. IF ANY NON-CONFORMANCE IS OBSERVED OR EXIS CONTRACTOR MUST IMMEDIATELY NOTIFY THE ENGINEER PRIOR TO POURING CONCRETE. CONTRACTOR IS RESPONSIBLE FOR ALL COSTS TO REMOVE, REPAIR REPLACE NON-CONFORMING CONCRETE

IT IS STRONGLY RECOMMENDED THAT THE CONTRACTOR REVIEW THE INTENDED CONSTRUCTION WITH THE LOCAL BUILDING CODE PRIOR TO COMMENCEMENT OF CONSTRUCTION

NT     INTERSECTION     MAX     MAXIMUM       PC     POINT OF CURVATURE     No. / #     NUMBER     1     04/19/2       PT     POINT OF CURVATURE     No. / #     NUMBER     2     0500/2       PL     POINT OF CURVATURE     DEC.     DECORATIVE     1     04/19/2       PU     POINT OF CURVATURE     DEC.     DECORATIVE     1     04/19/2       PU.     POINT OF CURVENCL     ELEV.     ELEVATION     1     0       STA     STATION     UNG     UNDERGROUND     0     0       GRT     GRAFE     ROW     BINFOR POOL     0     0     0       MV.     INVERT     LF     LINEAR FOOT     0     0     0       DIP     DUCTILE IRON PIPE     LOO     LIMIT OF JUSTREANCE     0     0       PVC     POLVTINYL CHLORIDE PIPE     LSA     LANDSCAPED AREA     0     0       S     SLOPE     '     DEGREE     1     DEGREE     0     0       RCP     REINFORCED CONCRETE     1     PLUS OR MINUS     0     0     0       S     SLOPE     '     DEGREE     0     0     0       C     CURB     CURB     O     0     0     0		TOP       TOP CURLIN       TIMEN       TOP RE RELOCICED         BOC       BOCO OURS       TUR       TOP RE RELOCICED         BW       BOTTOM OF WALL GRADES       TPF       TREE PROTECTION FERMORE         TW       TOP OP WALL       BLIDS       SULURE PEPT         TW       BERUCHAMINK       SULURE PEPT       SULURE PEPT         TW       PRIMENTION       CONC       OOCONCIT         TVP       PRIMENTION       CONC       OOCONCIT       SULURE PEPT         TVP       LOON FOINT       R       ROUNDE       SULURE PEPT         TVP       TVP/CAL       MIN       MINIMUM       TI       14/152         TVP       TVP/CAL       MINIMUM       LIAN       MINIMUM       TI       <		DESCRIPTION	KEY	DESCRIPTION	KEY
				PROPOSED	PROP.	BOTTOM CURB	BC
BW       BUTCM OF WALL SPACE       TFF       THE PROJECTION OF HADE         TW       TOP OF WALL       BLDG.       SULDING         TW       TOP OF WALL       BLDG.       SULDING         FX81       EXEMINANCE       SH       SCULARS FEET         SM       EENCHMARK       SH       SCULARS FEET         GQ       GENCHRALCONTANCE       STM       SCULARS FEET         GQ       GENCHRAL CONTACTOR       ARCH       ARCH FEETURAL         TYP       TYPOLAL       MIN       ANNUAL         NU       MICH POINT       DEC       DECORDER         POINT OF INTERSECTION       MAX       JAXXULM       I         TYP       TYPOLAL       LELV       REINARCHTOP WARK       I         NN       GRAT       RO       HINDER FRO       I					TBR/R	TOP CURB	тс
TY     TOP OF WALL     BLOG     BUILDING       CUST.     DASTING     ST     SOUME/TET       RA     PERCHAMARK     SIM     SERVER MANHOLE       LOG     EDGE OF FAXEMENT     DIAH     DEALMANHOLE       Q     CUTTELINE     STM     STORM       YIL     WEINPER FLOOR     SAM     SAMTARY       YIL     UN HEINPER FLOOR     SAM     AMOUS       YIL     WEINPER FLOOR     SAMTARY     MURINE       YIL     UN HEINPER FLOOR     AMOUS     AMOUS       YIL     UN HORT     RA     RADUS       YIN     YINGAL     MIN     MURING       YIN     HURH FORMT     DEF     DECORMANCE       YIN     YINGAL     MIN     MURING       YINGAL     ROUTH FLOOR     LOO <td>TY     TOP OP WALL     BLDG     BUILDING       XIST     EXISTING     SF     SQUARE FET       BM     BENCHARK     SDN     SEVEN MAHOLE       G     CANTERUNE     STM     STORM       P     HINSHED FLOOD     SAM     SAMTAY       U.F     VIEW MIELD     CONC     CONCECCONCRETE       GG     GENERAL CONTRACTOR     ANCH     ACCHTECTURL       HIGH POINT     BER     DEPRESED       LP     LOW POINT     R     RAUUS       PC     POINT OF INTERECTION     DEC.     DECORDATING       PC     POINT OF INTERECTION     DEC.     DECORDATING       PA     POINT OF INTERECTION     DEC.     DECORDATING       POINT OF INTERECTION     U.S.     LAUROSCAPED AREA       POINT OF INTERECTION     LON     LAND OF MORE       BA     SLOPE     LOW     LAND OF MORE       POINT OF INTERECTION     SUE<!--</td--><td>TW     TOP OF WALL     BLGS.     BULLING       FXIST     FXISTING     SF     SQLMAP FEFT       SM.     EENCE MANNEL     SMH     SEVER MANNELL       GC     CENTERLINE     SMH     SEVER MANNELL       GC     GENERAL CONTRACTOR     ARCM     ARCMH       FF     SMRHED FLOR     SMN     SMNTARY       YLF     VENEY IN PIELD     CONC.     CONCETE       GC     GENERAL CONTRACTOR     ARCM     ARCMHETURAL       FF     SMRHED FLOR     SMN     SMNTARY       YLF     VENEY IN PIELD     CONC.     CONCETE       GC     GENERAL CONTRACTOR     ARCM     ARCMHETURAL       FF     HIGH FORT     DEP     GENERAL     ARCMHETURAL       FF     PROPTOF OURGATURE     NA     MANNEL     MINERSCIENCIAL       FF     PROPTOF OURGATURE     NA     MULETRACTOR     I       FF     PONT OF DEPERSCIENCIAL     LELVA     MULETRACTOR       FF     DUCTL HERESCIENCIAL     LELVA FORT     LINT OF WARK       FF     DUCTL HERESCIENCIAL     LINT OF WARK     LINT OF WARK       FF     DUCTL HERESCIENCIAL     LINT OF WARK     LINT OF WARK       FF     DUCTL HERESCIENCIAL     LINT OF WARK     LINT OF WARK</td><td></td><td>TO BE REMOVED</td><td>TBR</td><td>BACK OF CURB</td><td>BOC</td></td>	TY     TOP OP WALL     BLDG     BUILDING       XIST     EXISTING     SF     SQUARE FET       BM     BENCHARK     SDN     SEVEN MAHOLE       G     CANTERUNE     STM     STORM       P     HINSHED FLOOD     SAM     SAMTAY       U.F     VIEW MIELD     CONC     CONCECCONCRETE       GG     GENERAL CONTRACTOR     ANCH     ACCHTECTURL       HIGH POINT     BER     DEPRESED       LP     LOW POINT     R     RAUUS       PC     POINT OF INTERECTION     DEC.     DECORDATING       PC     POINT OF INTERECTION     DEC.     DECORDATING       PA     POINT OF INTERECTION     DEC.     DECORDATING       POINT OF INTERECTION     U.S.     LAUROSCAPED AREA       POINT OF INTERECTION     LON     LAND OF MORE       BA     SLOPE     LOW     LAND OF MORE       POINT OF INTERECTION     SUE </td <td>TW     TOP OF WALL     BLGS.     BULLING       FXIST     FXISTING     SF     SQLMAP FEFT       SM.     EENCE MANNEL     SMH     SEVER MANNELL       GC     CENTERLINE     SMH     SEVER MANNELL       GC     GENERAL CONTRACTOR     ARCM     ARCMH       FF     SMRHED FLOR     SMN     SMNTARY       YLF     VENEY IN PIELD     CONC.     CONCETE       GC     GENERAL CONTRACTOR     ARCM     ARCMHETURAL       FF     SMRHED FLOR     SMN     SMNTARY       YLF     VENEY IN PIELD     CONC.     CONCETE       GC     GENERAL CONTRACTOR     ARCM     ARCMHETURAL       FF     HIGH FORT     DEP     GENERAL     ARCMHETURAL       FF     PROPTOF OURGATURE     NA     MANNEL     MINERSCIENCIAL       FF     PROPTOF OURGATURE     NA     MULETRACTOR     I       FF     PONT OF DEPERSCIENCIAL     LELVA     MULETRACTOR       FF     DUCTL HERESCIENCIAL     LELVA FORT     LINT OF WARK       FF     DUCTL HERESCIENCIAL     LINT OF WARK     LINT OF WARK       FF     DUCTL HERESCIENCIAL     LINT OF WARK     LINT OF WARK       FF     DUCTL HERESCIENCIAL     LINT OF WARK     LINT OF WARK</td> <td></td> <td>TO BE REMOVED</td> <td>TBR</td> <td>BACK OF CURB</td> <td>BOC</td>	TW     TOP OF WALL     BLGS.     BULLING       FXIST     FXISTING     SF     SQLMAP FEFT       SM.     EENCE MANNEL     SMH     SEVER MANNELL       GC     CENTERLINE     SMH     SEVER MANNELL       GC     GENERAL CONTRACTOR     ARCM     ARCMH       FF     SMRHED FLOR     SMN     SMNTARY       YLF     VENEY IN PIELD     CONC.     CONCETE       GC     GENERAL CONTRACTOR     ARCM     ARCMHETURAL       FF     SMRHED FLOR     SMN     SMNTARY       YLF     VENEY IN PIELD     CONC.     CONCETE       GC     GENERAL CONTRACTOR     ARCM     ARCMHETURAL       FF     HIGH FORT     DEP     GENERAL     ARCMHETURAL       FF     PROPTOF OURGATURE     NA     MANNEL     MINERSCIENCIAL       FF     PROPTOF OURGATURE     NA     MULETRACTOR     I       FF     PONT OF DEPERSCIENCIAL     LELVA     MULETRACTOR       FF     DUCTL HERESCIENCIAL     LELVA FORT     LINT OF WARK       FF     DUCTL HERESCIENCIAL     LINT OF WARK     LINT OF WARK       FF     DUCTL HERESCIENCIAL     LINT OF WARK     LINT OF WARK       FF     DUCTL HERESCIENCIAL     LINT OF WARK     LINT OF WARK		TO BE REMOVED	TBR	BACK OF CURB	BOC
EXIST.       EXISTING       9       SOUMERTEET         IM       BENCHMARK       SIM       SECREMANHOLE         EOP       EDDE OF PAYEMENT       DUM       DRAIN MANHOLE         Q       CENTERUNE       STM       STORM         YI       VIMPENDOR       SAN       SOUTARY         VILE       VIMPENDOR       SAN       SOUTARY         VILE       VIMPENDOR       SAN       SOUTARY         VILE       VIMPENDOR       ARCH       ACCHTURAL         IP       INDIVIDENT       R       RADUS         TYM       TYPECAL       MIN       MINIMAR         NIT       INTERSECTION       MAX       MAXUMAR         POL       PONT OF INTERSECTION       DEC.       DECONATIVE         PAL       PONT OF INTERSECTION       DEC.       DECONATIVE         PAL       PONT OF INTERSECTION       LEX       HENATION         SIA       STATION       UNS       UNATO WORK         PAL       PONT OF INTERSECTION       LEX       HENATION         SIA       STATION       UNS       UNATO WORK         PAL       PONT OF INTERSECTION       LEX       LEXATION         SIGNAL       CONSETT				TREE PROTECTION FENCE	TPF	BOTTOM OF WALL GRADE	BW
BM       BENCHMARK       SMH       SEVER MANHOLE         EOP       EDDE OF PAVEMENT       DMH       DRAIM MANHOLE         Q       CONTERLINE       STM       STORM         FF       FRINSHED FLOOR       SAN       SANTARY         VI.F       VERIEY IN FIELD       CONC       OCONCETE         GC       GENERAL CONTRACTOR       ARCH       ABCHITECTURAL         IPF       HIGH POINT       R       RADUIS         IPF       HIGH POINT       R       RADUIS         YP7.       TYPICAL       MIN       MINIBULAL         IP       ION FOINT       R       RADUIS         YP7.       TYPICAL       MIN       MINIBULAL         IP       POINT OF LIPTAL       REV       ELEVATION         YP7.       TYPICAL       MIX       MAXER         YP7.       POINT OF LIPTAL       REV       ELEVATION         YP8.       FORTORAL       REV       ELEVATION         YP8.       UVTTERRECTION       URA       LINFORMER         YP8.       LOO       LINTO OF VERTIFIERE       REVER MINUE         YP8.       LOO       LINTO OF VERTIFIER       REVER MINUE         YP8.       MICH TO REPORTONO	M     BENCHMARK     SMI     SEWER MANHOLE       CO     EDGE OF PAYEMENT     DMA     DRAN MANHOLE       Q     CENTERLINE     STM.     STOPM       FF     FNINSHED FLOOR     SAN     SANITARY       VLP.     VERTY IN FILD     CONC.     CONCRETE       GG     GENERAL CONTRACTOR     ARCH     ARCHTECTURAL       IP     HIGH POINT     DEF     DEPRESECT       IP     HIGH POINT     DEF     DEPRESECT       IP     TYPICAL     MIN     MINIMALIM       INT     INTERSECTION     ARX.     MAXIMUM       POINT OF VERTICAL     IN.     MINIMALIM     INTERSECTION       IP     POINT OF VERTICAL     IP     LEDVATION       INT     OUTELE FROM INFE     LIN     LEDVATION       INT     GRATE     R.O.W.     RUDERGROPHO       IP     DUTTLE FROM INFE     LON     LIMT OF WORK       IP     DUTTLE FROM INFE     LON     LIMT OF WORK       IP     OUTELE FROM INFE     LIMT OF MORK       IP     OUTELE FROM INFE     LAND SCHED AREA       IP     SETEACK     IP       INFERSECTION     SETEACK     IP       INFERSECTION     SETEACK     IP       INFERSECTION     SETEAC	BM       BENCENMARK       SMI       SEVER MANHOLE         EDP       EDDE OF PAVEMENT       DMH       DPAIN MANHOLE         Q       CENTERLINE       STM       STORM         FF       FINISHED PLOOR       SAN       SANTARY         V1.6       VERIEVINE       STM       STORM         IP       HIGH MONIT       ABCH       ADCHTCUTARL         IP       LOW PONT       R       RADUS         TYP       TYPOAL       MIN       MININAM         NT       INTERSECTION       MAX       MAXIMM         PI       POINT OF CORTAL       FLFV       CLEATION         PI       POINT OF CORTAL       FLFV       CLEATION         PI       POINT OF VERTICAL       FLFV       CLEATION         PIP       POINT OF VERTICAL       LANDECOMPED ACCA       POINT         PIP       POINT OF VERTICAL       LANDECOMPED ACCA       POINT         PIP       POINT OF VERTICAL       LANDECOMPED ACCA       POINT         PI		BUILDING	BLDG.	TOP OF WALL	TW
	EDP     EDG OF PAYEMENT     DM     DRAM MARHOLE       Q     CENTERLINE     STM     STORM       FF     FINSHED FLOOR     SAN.     SANITARY       VLF.     VERTY IN FIELD     CONC.     GONGERTE       GG     GENERAL CONTRACTOR     ARCH     ARCHTECTURAL       IP     HIGH POINT     DEP     DEPNESSED       IP     NOPONT     R     RADUS       TYP.     TYPICAL     MIN.     MINUMAR       NT.     INTERSECTION     MAC.     MAXIMAM       PO.     POINT OF INTERSECTION     DCC.     DEGORATIVE       PO.     POINT OF INTERSECTION     DCC.     DEGORATIVE       PO.     POINT OF INTERSECTION     DCC.     DEGORATIVE       PO.     FORTERSECTION     DCC.     DEGORATIVE       PO.     FORTERSECTION     DCC.     DEGORATIVE       PO.     FORTERSECTION     DCC.     DEGORATIVE       PO.     PONTOR INTERSECTION     DCC.     DEGORATIVE       PO.     PONTOR INTERSECTION     DCC.     DEGORATIVE       NW.     INVERT     LF     LUMEAR POOT       NW.     INVERT     LF     LUMEAR POOT       DUCTLE IRON PRE     LOO     LUMIT OF WORK       IPE     STORCE     STOR	EDD       EDD OF PAVEMENT       DIM       DRAIN MANHOLE         Q       CENTERLIAE       STM       STORM         YLE       VERTY NEELD       CONC.       GOMERSTE         RC       GENERAL CONTRACTOR       ARCH       ARCHTECTURAL         PP       HORNOROTT       DEP       DEPRESSED         LDO FONT       R       RADIUS         TYP       TYPCAL       MNI.       MANMAM         NT       INTERSECTION       No. //       NUMER         POINT OF CREWTON       DEC       DECORTINE         PU       POINT OF CREWTON       DEC       DECORTINE         PU       POINT OF TANGENCY       W.       WILE       Internet of MANENCE         PU       POINT OF VERTINE       DEC       DECORTINE       Internet of MANENCE         PU       POINT OF VERTINE       LAL       LANDER TOWN       Internet of MANENCE       Internet of MANENCE         PU       DUCTLE HON PIRE       LON       LIMIT OF WORK       Internet of MANENCE       Internet of MANENCE       Internet of MANENCE         PUC       DUCTLE HON PIRE       LANDERARDARA       Internet of MANENCE       Internet of MANENCE       Internet of MANENCE         ME       MEET DASTING       JOINT		SQUARE FEET	SF	EXISTING	EXIST.
Q       CENTERINE       STM       STOPM         FF       INDRECPICOR       SAN.       SANITARY         V1.F.       VENTY IN FIELD       CONC.       CONCRETE         GC       GENERAL CONTRACTOR       ARCH       ARCHTECTURAL         HP       HIGH POINT       DEP.       DEFRESSED         LP       LOW POINT       R       RADUIS         TYP.       TYPIONT       NM.       MINADUM         PONT OF TANGENCY       W.       WIDE       2       50002         FM.       PONT OF TANGENCY       W.       WIDE       2       50002         FM.       NONT OF VENTINE       LS.A.       LUMDROROND       2       2         STACONTON PRESECTION       USC.       LIMIT OF WAY       2       2       2         NM.       INTERT L.       LIMIT OF DETURANCE       E       2       2       2         POLCTIE RON	Q       GENTERLINE       STM       STORM         FF       FINISHED FLOOR       SAM       SANITARY         VILF       VERIFY IN FELD       CONC       CONCRETE         GC       GENERAL CONTRACTOR       ARCH       ARCHTECTURAL         H#       HIGH POINT       GFF       DEPRESED         LD       LOW POINT       R       RADUS         TYP       TYPICAL       MM       MINIMUM         NIT       INTERSECTION       MAX       MAXIMUM         NT       INTERSECTION       DEC       DECORATIVE         PU       POINT OF INSERSCOV       W       WIDE         H       POINT OF INSERSCOV       W       WIDE         PI       POINT OF INSERSCOV       W       WIDE         POINT OF UNITACAL       ELEV.       ELEVATION         INT       INTERSECTION       UNC       DECORATIVE         POINT OF UNITACAL       ELEV.       ELEVATION       INTO POINTARACE         INT       INTO POINTACAL       ELEV.       ELEVATION         INT       INTRESECTION       UNC       DIMETER         INT       INTRESECTION       UNC       DIMETER         INTRESECTION       UNC       INTRESE	Q       CENTERLINE       STM.       STORM         FF       FNISHED FLOOR       SAN       SANTATY         V.L.F.       VERTY IN FIELD       CONC.       CONDERTE         GC       GENERAL CONTRACTOR       ARCH.       ARCHITECTURAL         HP       HICH POINT       DEP.       DEPRESSID         LP       LON POINT       R       RADUS         TYP.       THICKL       MIN.       MINIMUM         PIC.       POINT OF CURVATURE       No. 1#       NUMBER         PIC.       POINT OF CURVATURE       No. 1#       NUMBER         PIC.       POINT OF CURVATURE       NO. 1#       MINIMUM         PIC.       POINT OF CURVATURE       NO. 1#       NUMBER         PIC.       POINT OF CURVATURE       NO. 1#       MUMBER         PIC.       POINT OF MERSECTION       DEC.       DECORDATION         RIFT       CON       LIMIT OF WORK       POINT         NO       DUCTLE RON PPE       LOD       LIMIT OF WORK		SEWER MANHOLE	SMH	BENCHMARK	BM.
FT       FINISHED FLOOR       SAN.       SANITARY         VLF.       VERIFY IN FIELD       CONC.       CONCRETE         GC       GENETAL CONTRACTOR       ARCH       ARCHTECTURAL         HP       HIGH POINT       DEP.       DEFRESSED         IP       LOW POINT       R       ARADUS         YF.       TYPECAL       Mail       MANUMUM         NT       INTERSECTION       MAX.       MAXMUM         PC.       POINT OF CLEVATURE       No. /#       NUMBER         PU.       POINT OF CLEVATURE       No. /#       NUMBER         PU.       POINT OF CLEVATION       ELEV.       ELEVATION         STA       STATION       UKG.       UNDERGROUND         GRI       GRATE       R.O.W.       NUMER OWNY         PV       POINT OF UNTERSECTION       DEC.       DECONTRY         PV       POINT OF UNTERSECTION       UKG.       UNDERGROUND         GRI       GRATE       R.O.W.       NUMER OWNY         PV       POINT OF UNTERSECTION       UKG.       UNDERGROUND         GRI       GRATE       LANDELA       LANDERDATE         PV       POINT OF UNTERSECTION       DECENT       ENTROPONE	FF       FINSHED PLOOR       SAN       SANITARY         VILF       VERIFY M FIELD       CONC       CONCRETE         GC       GENERAL CONTRACTOR       ARCH.       ARCHTECTURAL         HP       HIGH POINT       DEP.       DEPRESSED         LP       LOW POINT       R       RADIUS         TYP.       TYPICAL       MIN.       MINIMUM         NT.       INTERSECTION       MAX.       MAXIMUM         PC.       POINT OF LANCENCY       W       WCE         PI.       POINT OF LANCENCAL       ELEV.       ELEVATION         REMERSECTION       DEC.       DECCATIVE       Intelestory         POINT OF LANCENCAL       LANDGADED AREA       POINT OF WERTHOLE         RCP       REMERSECTION       LAND       LANDERAREA         POLVYINY, CALORIDE PIPE       <	FF       FINISHED FLOOR       SAL       SANITARY         VI.F.       VERIEY IN FIELD       CONC.       CONCRETE         GC       GENERAL CONTRACTOR       ARCH       ARCHTECTURAL         HP       HIGH POINT       DEF.       DEFRESSED         LD       LOW POINT       R       RADUIS         TYP.       TYPICAL       MIR.       MINIMUM         NT.       NITERSECTION       MAX.       MAXMUM         PC.       POINT OF CHEVERICAL       ELEV       ELEVATION         GRAT       GRATE       R.O.W       HIGH FOORT         PA       POINT OF TANGENCY       W.       WIDE         PA       POINT OF INTERSECTION       DEC.       DECORDATIVE         PA       POINT OF INTERSECTION       U.S.       UNDEROROUND         GRAT       GRATE       R.O.W       HIGH FOORT         INV       INCELL RON PIPE       LOW       UMIT OF WORK         HDPE       HOW       UMIT OF WORK       INCELL         YE       PROPERTY LINE       S.A.       LANDEROROUND         SETRACK       EASIMET       PROPOSED       PROPERTY LINE         MEET LANSING       OTAL       INCELAND       INCELAND		DRAIN MANHOLE	DMH	EDGE OF PAVEMENT	EOP
		VI.F.       VERIFY IN FIELD       CONC.       CONCRETE         GC       CENERAL CONTRACTOR       ARCH       ARCHITECTURAL         MP       MICH POINT       DEP.       DEPRESSED         LP       LOW POINT       R       BADUIS         TYP.       TYPICAL       MIN.       MINIMUM         NT.       INTERSECTION       MAX.       MAXIMUM         PC.       POINT OF CONTATURE       No.1#       MUNARRA         PI.       POINT OF CONTATURE       No.1#       MUNARRA         PI.       POINT OF CONTATURE       No.1#       MUNARRA         PI.       POINT OF CONTATURE       ELEV.       ELEVATION         STA       STATION       UND.       UNDEROFORIND         STA       STATION       UND.       UNDEROFORIND         RRT       GRATE       R.O.W       RIGHT OF WAY         NW       INVERT       LEV.       ELEVATION         INVERTY       LF       LIMIN OF DISTUREANCE       INVERTY         POO       POUNTAL CHORPORE       LOO       LIMIT OF NAMERA       INVERTY         S       SLOPE       JON       DIAMETER       INVERTY         S       SLOPE       OCONTONT       GONTON		STORM	STM.	CENTERLINE	ę
GC       GENERAL CONTRACTOR       ARCH       ARCH       ARCHTECTURAL         HP       HIGH POINT       DP       DEPRESED       Image: Contraction of the contraction of		GC       GENERAL CONTRACTOR       ARCH       ARCH ICUTURL       Image: Contractor         HP       HIGH POINT       DP       DEFRESSED       Image: Contractor         1P       LOW POINT       R       RADUS       Image: Contractor         TYP       TYPICAL       Min       MINIMUM       Image: Contractor         IP       POINT OF CURVATURE       No. /#       MAXAMM       Image: Contractor         PR       POINT OF CURVATURE       No. /#       MIMMER       Image: Contractor         PR       POINT OF CURVATURE       No. /#       MIMMER       Image: Contractor         PR       POINT OF INTERSECTION       DEC.       DECORDATIVE       Image: Contractor         SIA       STATION       UNS.       UNDERGROUND       Image: Contractor       Image: Contractor         DP       DUCTLE IRON PIPE       LOD       LIMIT OF INTERSECTION       Image: Contractor       Image: Contractor         SIA       SIADE       Image: Contractor       Image: Contractor       Image: Contractor       Image: Contractor         PREFERENCY       Image: Contractor       Image: Contractor       Image: Contractor       Image: Contractor       Image: Contractor         SIA       SIADE       Image: Contractor       Image: Contractor		SANITARY	SAN.	FINISHED FLOOR	FF
HP       HGH POINT       DEP.       DEPRESSION         LP       LOW POINT       R       RADUS         TYP.       TYPICAL       MN       MINIMUM         NT.       INTERSECTION       MAX.       MAXMUM         PC.       POINT OF CURVATURE       NO.13       NUMBER       2       05007         PI.       POINT OF CURVATURE       NO.13       NUMBER       2       05007         PV.       POINT OF CURVATURE       NO.13       NUMBER       2       05007         PV.       POINT OF CURVATURE       NO.14       NUMBER       2       05007         STA       STATION       UNG.       LINBERSCOMD       2       0         GRATE       RO.W.       RUMETORMOP       2       0       0         NV.       INVERT       LINA       LINMERSCOMD       2       0         DIP       DUCTLE RON PIPE       LOO       LIMIT OF MORK       2       0         ROP       REMEORORE DONCRETE       2       PLUS OR MINUS       2       0         S       SLOPE       2       PLUS OR MINUS       2       0       0         ME       MEET EXSTING       PROPERIY LINE       SSO       0	HE     HIGH POINT     DEF.     DEFRESSED       LP     LOW POINT     R     ROUS       TYP.     TYPICAL     MIN     MINIMUM       NT.     INTERSECTION     MAX.     MAXIMUM       PC.     POINT OF CURVATURE     No. /#     NUMBER       PT.     POINT OF INTERSECTION     DEC.     DECORATIVE       PI.     POINT OF INTERSECTION     DEC.     DECORATIVE       PM.     POINT OF INTERSECTION     LEV.     ELEVATION       STA     STATION     UNS.     UNDERGROUND       GRT     GRATE     R.D.W.     RUMORER CONT       DIP     DUCTLE IRON PIPE     LOW     LIMIT OF WORK       INV     INVERT     LIMIT OF WORK     LIMIT OF WORK       REMPORCED CONSETTE     a     PLUS OR MINUS       B     SLOPE     -     DEGREE       ME     MET EXSTING     0/DIA     DIAMETER       OUTSTRING     PROPERTY LINE     B     D       MET EXSTING     OUTAGE     B       OUTSTRING     SPOTE ELATION     B <td>HP       HIGH POINT       DEP.       DEPRESSION       DEPRESSION         1.P       LOW PONT       R       RADUS       R       RADUS         TYP.       TYPICAL       MIN.       MINIMUM       R</td> <td></td> <td>CONCRETE</td> <td>CONC.</td> <td>VERIFY IN FIELD</td> <td>V.I.F.</td>	HP       HIGH POINT       DEP.       DEPRESSION       DEPRESSION         1.P       LOW PONT       R       RADUS       R       RADUS         TYP.       TYPICAL       MIN.       MINIMUM       R		CONCRETE	CONC.	VERIFY IN FIELD	V.I.F.
LP     LOW POINT     R     FRORUS       TYP.     TYPCAL     MIN.     MINIMUM       NT.     INTERSECTION     MAX.     MAXIMUM       PC.     POINT OF CURVATURE     No. /#     NUMBER       PT.     POINT OF CURVATURE     No. /#     NUMBER       PT.     POINT OF CURVATURE     No. /#     NUMBER       PT.     POINT OF CURVENCE     ELEV.     ELEVATION       STA     STATION     UNG.     UNDERGROUNDO       GRT     GRATE     R.O.W.     RIGHT OF WARKARCE       INVERT     LF     LINEAR FOOT       DP     OUCTLE IRON PIPE     LOD     LIMIT OF DISTURBANCE       ME     MECT DUSTING     9/ DIA     DIAMETER       S     BLOPE     I.OU     LIMIT OF WORK       HOPE     HIGH DENSTY POLYTOV ENE     L.S.A.     LANDSCAPED AREA       RCP     REINFORCEO CONCERTE     *     PLUS OR MINUS       S     BLOPE     OR     DEGREE       ME     MEET DUSTING     9/ DIA     DIAMETER       VO     STACK     PONTOR OF CONCERTE     PROPOSED       ME     MEET DUSTING     9/ DIA     DIAMETER       VO     STACK     PONTOR OF CONCERTE     PONTOR OF CONCERTE       VO     STORM MANH	Le     LOW POINT     R     RADUIS       TYP.     TYPICAL     MIN.     MINIMUM       NT.     INTERSECTION     MAX.     MAXMUM       PC.     POINT OF CURVATURE     No. /s     NUMBER       PT.     POINT OF INCERSECTION     DEC.     DECORATIVE       PU.     POINT OF INTERSECTION     DEC.     DECORATIVE       PVI.     POINT OF INTERSECTION     LINS     LINDECREGROUND       GRT     GRATE     R.O.W.     RIGHT OF WAY       NN.     INVERT     LF     LINEAR FOOT       DIP     DUCTILE INON PIPE     LOO     LIMTO FORMAREA       PIPE     LOW     LIMTO FORMAREA       PIPE     SIGN     PROPOSED       MEDITERSECTION     SIGN     PROPOSED       PROPOSED     PROPOSED     PROPOSED       PROPOSED     SIGN     SIGN       OC     SIGN     SIGN       OC	LP       LOW POINT       R       FRADUS         TYP       TYPICAL       MIN.       MINIMUM         NT.       INTERSECTION       MAX.       MAXMUM         PC.       POINT OF CURVATURE       No. #       NUMBER       2       05002         PT.       POINT OF CURVATURE       No. #       NUMBER       2       05002         PT.       POINT OF CURVENCE       ELEV.       ELEVATION       1       1         STA       STATION       UNG.       UNDERGROUNO       1       1       1         NP       POINT OF INTERSECTION       ELEV.       ELEVATION       1 <td< td=""><td></td><td>ARCHITECTURAL</td><td>ARCH.</td><td>GENERAL CONTRACTOR</td><td>GC</td></td<>		ARCHITECTURAL	ARCH.	GENERAL CONTRACTOR	GC
TYP.         TYPCAL         MIN.         MIRIMUM         MIRIMUM           NT.         INTERSECTION         MAX.         MAXIMUM         I         04/152           PC.         POINT OF CURVATURE         Nu./#         NUMBER         I         04/152           PT.         POINT OF INTERSECTION         DEC.         DECORATIVE         I         04/152           PU.         POINT OF INTERSECTION         DEC.         DECORATIVE         I         I           PU.         POINT OF INTERSECTION         URL         ELEVATION         I         I           STA         STATION         UNG.         UNDERGROUND         I         I         I           GRT         GRATE         R.O.W.         RIGHT OF WAY         I         I         I           IDP         DUCTILE INPIPE         LOO         LIMIT OF UNRK         I         I         I           MOPE         PROPECTOR CONCRETE         1         DIAMETER         I         ANAXE         I           NO         MEET EXSTING         Ø / DIA         DIAMETER         I         INTERSECTION         INTERSECTION         INTERSECTION         INTERSECTION         INTERSECTION         INTERSECTION         INTERSECTION         INTERSECTION </td <td>TYP.     TYPICAL     MIN.     MINIMUM       INT.     INTERSECTION     MAX.     MAXIMUM       PC.     POINT OF CURVATURE     No. /#     NUMBER       PI.     POINT OF TANGENCY     W.     WIDE       PI.     POINT OF TANGENCY     W.     WIDE       PV.     POINT OF TANGENCY     ELEV.     ELEVATION       STA     STATION     UNS.     UNDEGROUND       GRT     GRATE     R.O.W.     RIGHT OF WAY       INV.     INVERT     LF     LIMAT OF WORK       IOPE     DUCTLIE ROOM PIPE     LOW     LIMIT OF WORK       IOPE     POLVYINYL CHLOREDE PIPE     LOW     LIMIT OF WORK       IOPE     PROPERTY LINE     DEGREE     INUS       S     SLOPE     STORM MANHOLE     IOPENTORE       INT     FROPERTY LINE     INTERSECTION     INTERSECTION       INTERSECTION     STORM MANHOLE     IOPENTORE       INT     FROPERTY LINE</td> <td>TYPE         TYPE         TYPE         MIN         MINIMUM           TYPE         TYPE         MIN         MINIMUM         MINIMUM           PC         PONT OF CURVATURE         No. /#         NUMBER         1         04/15/2           PF.         PONT OF CURVATURE         No. /#         NUMBER         2         0500/2           PI         PONT OF TANGENCY         W         WIDE         1         04/15/2           PV.         PONT OF TANGENCY         W         WIDE         1         04/15/2           PV.         PONT OF TANGENCY         W         WIDE         1         0           STA         STATION         UNG.         UNDERGROUND         1         1         0           STA         STATION         UNG.         UNDERGROUND         1         1         1         0           NV.         INVERT         LF         LINEARFOOT         1         1         1         0           STA         STATION         UNC         LOW         LINIT OF WORK         1         1         1         1           NV         INVERT         LF         DUMETER         1         1         1         1         1         1<td></td><td>DEPRESSED</td><td>DEP.</td><td>HIGH POINT</td><td>HP</td></td>	TYP.     TYPICAL     MIN.     MINIMUM       INT.     INTERSECTION     MAX.     MAXIMUM       PC.     POINT OF CURVATURE     No. /#     NUMBER       PI.     POINT OF TANGENCY     W.     WIDE       PI.     POINT OF TANGENCY     W.     WIDE       PV.     POINT OF TANGENCY     ELEV.     ELEVATION       STA     STATION     UNS.     UNDEGROUND       GRT     GRATE     R.O.W.     RIGHT OF WAY       INV.     INVERT     LF     LIMAT OF WORK       IOPE     DUCTLIE ROOM PIPE     LOW     LIMIT OF WORK       IOPE     POLVYINYL CHLOREDE PIPE     LOW     LIMIT OF WORK       IOPE     PROPERTY LINE     DEGREE     INUS       S     SLOPE     STORM MANHOLE     IOPENTORE       INT     FROPERTY LINE     INTERSECTION     INTERSECTION       INTERSECTION     STORM MANHOLE     IOPENTORE       INT     FROPERTY LINE	TYPE         TYPE         TYPE         MIN         MINIMUM           TYPE         TYPE         MIN         MINIMUM         MINIMUM           PC         PONT OF CURVATURE         No. /#         NUMBER         1         04/15/2           PF.         PONT OF CURVATURE         No. /#         NUMBER         2         0500/2           PI         PONT OF TANGENCY         W         WIDE         1         04/15/2           PV.         PONT OF TANGENCY         W         WIDE         1         04/15/2           PV.         PONT OF TANGENCY         W         WIDE         1         0           STA         STATION         UNG.         UNDERGROUND         1         1         0           STA         STATION         UNG.         UNDERGROUND         1         1         1         0           NV.         INVERT         LF         LINEARFOOT         1         1         1         0           STA         STATION         UNC         LOW         LINIT OF WORK         1         1         1         1           NV         INVERT         LF         DUMETER         1         1         1         1         1         1 <td></td> <td>DEPRESSED</td> <td>DEP.</td> <td>HIGH POINT</td> <td>HP</td>		DEPRESSED	DEP.	HIGH POINT	HP
NT.       INTERSECTION       MAX       MAXIMUM       REV       DAT         PC.       POINT OF CURVATURE       No./#       NUMBER       1       4/152         PT.       POINT OF INTERSECTION       DEC.       DECORATIVE       1       4/152         PA.       POINT OF INTERSECTION       DEC.       DECORATIVE       1       4/152         PM.       POINT OF INTERSECTION       DEC.       DECORATIVE       1       4/152         STA       STATION       UNG.       UNDERGROUND       1       1       1         GRT       GRATE       R.O.W.       RIGHT OF WAY       1       1       1       1         IPP       DUCTUE INN PIPE       LOO       LIMIT OF WORK       1       1       1       1         PVC       POLVTWAYL CHLORIDE PIPE       LOO       LIMIT OF WORK       1 <td< td=""><td>INT.     INTERSECTION     MAX.     MAXIMUM     IMAX.       PC.     POINT OF CURVATURE     No.1#     NUMBER     1       PC.     POINT OF CURVATURE     No.1#     NUMBER       PT.     POINT OF TANGENCY     W.     WIDE       PV.     POINT OF TANGENCY     W.     WIDE       STA     STATION     UNG.     LINDERSOUND       GRT     GRATE     R.O.W.     RIGHT OF WAY       INV.     INVERT     LF     LINEA FOOT       DIP     DUCTLEIRON PIPE     LOD     LIMT OF WORK       MARE     POLVWINT, CHLORIDE PIPE     LOW     LIMT OF WORK       ROPE     POLVENTY POLYMETHVILME     LS.A     LANDSCAPED AREA       RCP     REINFORCED CONCRETE     *     PLUS OR MINUS       S     SLOPE     DEGREE     POPOSED       MEET EXISTING     Ø JDA.     DAMETER       O     SETBACK     POPOSED       DI     CATCH BASIN     <td< td=""><td>NT.       INTERSECTION       MAX       MAXIMUM       FEV       DAT         PC.       POINT OF CURVATURE       No. //       NUMBER       1       14/15/2       2       05/00/2         PT.       POINT OF INTERSECTION       DEC.       DECORATIVE       1       1/1/11/2       1       1/1/11/2         PU.       POINT OF INTERSECTION       DEC.       DECORATIVE       1       1/1/11/2       1/1/1/2</td><td></td><td>RADIUS</td><td>R</td><td>LOW POINT</td><td>LP</td></td<></td></td<>	INT.     INTERSECTION     MAX.     MAXIMUM     IMAX.       PC.     POINT OF CURVATURE     No.1#     NUMBER     1       PC.     POINT OF CURVATURE     No.1#     NUMBER       PT.     POINT OF TANGENCY     W.     WIDE       PV.     POINT OF TANGENCY     W.     WIDE       STA     STATION     UNG.     LINDERSOUND       GRT     GRATE     R.O.W.     RIGHT OF WAY       INV.     INVERT     LF     LINEA FOOT       DIP     DUCTLEIRON PIPE     LOD     LIMT OF WORK       MARE     POLVWINT, CHLORIDE PIPE     LOW     LIMT OF WORK       ROPE     POLVENTY POLYMETHVILME     LS.A     LANDSCAPED AREA       RCP     REINFORCED CONCRETE     *     PLUS OR MINUS       S     SLOPE     DEGREE     POPOSED       MEET EXISTING     Ø JDA.     DAMETER       O     SETBACK     POPOSED       DI     CATCH BASIN <td< td=""><td>NT.       INTERSECTION       MAX       MAXIMUM       FEV       DAT         PC.       POINT OF CURVATURE       No. //       NUMBER       1       14/15/2       2       05/00/2         PT.       POINT OF INTERSECTION       DEC.       DECORATIVE       1       1/1/11/2       1       1/1/11/2         PU.       POINT OF INTERSECTION       DEC.       DECORATIVE       1       1/1/11/2       1/1/1/2</td><td></td><td>RADIUS</td><td>R</td><td>LOW POINT</td><td>LP</td></td<>	NT.       INTERSECTION       MAX       MAXIMUM       FEV       DAT         PC.       POINT OF CURVATURE       No. //       NUMBER       1       14/15/2       2       05/00/2         PT.       POINT OF INTERSECTION       DEC.       DECORATIVE       1       1/1/11/2       1       1/1/11/2         PU.       POINT OF INTERSECTION       DEC.       DECORATIVE       1       1/1/11/2       1/1/1/2		RADIUS	R	LOW POINT	LP
INT:         INTERSECTION         MAX.         MAXMUM           PC.         POINT OF CURVATURE         No. /#         NUMBER         1         04/152           PT.         POINT OF CURVATURE         No. /#         NUMBER         2         0500/2           PR.         POINT OF CURVENSECTION         DEC.         DECORATIVE         2         0500/2           PM.         POINT OF INTERSECTION         DEC.         DECORATIVE         2         0500/2           PM.         POINT OF VERTICAL         ELEV.         ELEVATION         0         1         04/152           GRT         GRATE         R.W         NURBERFORD         0         <	INT:         INTERSECTION         MAX.         MAXMUM         I <thi< td="" th<=""><td>NT.       INTERSECTION       MAX.       MAXMUM         PC.       POINT OF CURVATURE       No. /#       NUMBER       1       04/162         PT.       POINT OF CURVATURE       No. /#       NUMBER       2       05092         PL.       POINT OF CURVETICAL       ELEV.       ELEVATION       2       05092         PVI.       POINT OF INTERSECTION       DEC.       DECORATIVE       2       05092         PVI.       POINT OF INTERSECTION       DEC.       DECORATIVE       2       05092         GRT       GRATE       R.O.W.       RUBER OF WAY       1       0/162       1         DIP       DUCTLE IRON PIPE       LOD       LIMIT OF DISTURBANCE       1       0/162       1         PVC       POLVINVL CHLORDE PIPE       LOD       LIMIT OF WORK       1       0</td><td></td><td>MINIMUM</td><td>MIN.</td><td>TYPICAL</td><td>TYP.</td></thi<>	NT.       INTERSECTION       MAX.       MAXMUM         PC.       POINT OF CURVATURE       No. /#       NUMBER       1       04/162         PT.       POINT OF CURVATURE       No. /#       NUMBER       2       05092         PL.       POINT OF CURVETICAL       ELEV.       ELEVATION       2       05092         PVI.       POINT OF INTERSECTION       DEC.       DECORATIVE       2       05092         PVI.       POINT OF INTERSECTION       DEC.       DECORATIVE       2       05092         GRT       GRATE       R.O.W.       RUBER OF WAY       1       0/162       1         DIP       DUCTLE IRON PIPE       LOD       LIMIT OF DISTURBANCE       1       0/162       1         PVC       POLVINVL CHLORDE PIPE       LOD       LIMIT OF WORK       1       0		MINIMUM	MIN.	TYPICAL	TYP.
PC.     POINT OF CREATURE     No.1#     NUMBER     2     05/092       PT.     POINT OF INTERSECTION     DEC.     DECORATIVE     2     05/092       PV.     POINT OF INTERSECTION     DEC.     DECORATIVE     2     05/092       PV.     POINT OF INTERSECTION     DEC.     DECORATIVE     2     05/092       STA     STATION     UNG.     UNDERGOUND     2     0       GRATE     R.O.W.     UNDERGOUND     0     0     0     0       INV.     INVERT     LF     LIMEAR FOOT     0     0     0     0       IDP     DUCTLE IRON PRE     LOW     LIMT OF WORK     0     0     0     0     0       S     SLOPE     *     DEGREE     0     DAMET OF WINKS     0     0     0       S     SLOPE     *     DEGREE     0     DAMETER     0     0       ME     MEETEXISTING     0 / DIA     DIAMETER     0     0     0     0       C     URB     PROPOSED     PROPOSED     PROPOSED     PROJECT:     PROJECT:       C     URB     CATCH BASIN     Image: State	PC.       POINT OF CLAVATURE       No./#       NUMBER         PT.       POINT OF TANGERCY       W.       WIDE         PI.       POINT OF INTERSECTION       DEC.       DECORATIVE         PVI.       POINT OF INTERSECTION.       ELEV.       ELEVATION         STA.       STATION       UNG.       UNDERGROUND         GRT       GRATE       R.O.W.       RIGHT OF WAY         INV.       INVERT       LF       LINEAR FOOT         DIP       OUCTLE IRON PIPE       LOD       LIMIT OF DISTURBANCE         POL       POLYUNY.CHADRIDE PIPE       LSA.       LANGCAPED AREA         RCP       POLYUNY.CHADRIDE PIPE       LSA.       LANGCAPED AREA         RCP       POLYUNY.CHARDE PIPE       LSA.       LANGCAPED AREA         RCP       PREINFORCED CONCRETE       2       PLUS OR MINUS         S       SLOPE       DEGREE       PROPOSED         ME       MEET EXISTING       0 / DIA       DIAMETER         O       STORM MANHOLE       ©       OCATCH BASIN       ©         ©       STORM MANHOLE       ©       SSTORM       OCATCH BASIN       ©         ©       STORM MANHOLE       ©       SSTORM       SSTORM       SSTOR	PC.       POINT OF CREATURE       No.1#       NUMBER       2       0500/2         PT.       POINT OF CREATERSECTION       DEC.       DECORATIVE       1       1         PM.       POINT OF VERTICAL       ELEV.       ELEVATION       1       1         STA.       STATION       UNS.       UNDERGROUND       1       1       1         GRT       GRATE       ROW.       RICHT OF WERTSCHON       UNS.       UNDERGROUND       1       1       1         GRT       GRATE       ROW.       RICHT OF WERTSCHON       UNS.       UNDERGROUND       1 <td>REV DAT</td> <td>MAXIMUM</td> <td>MAX.</td> <td>INTERSECTION</td> <td>INT.</td>	REV DAT	MAXIMUM	MAX.	INTERSECTION	INT.
PT.     POINT OF TANGENCY     W.     WUDE     2     0.0002       PA.     POINT OF INTERSECTION     DEC.     DECORATIVE     2     0.0002       PM.     POINT OF INTERSECTION     DEC.     DECORATIVE     2     0.0002       STA     STATION     UNG.     UNDERGROUND     0.0002     0.0002     0.0002     0.0002       GRT     GRATE     R.O.W.     RIGHT OF WAY     1.0002     1.0002     0.0002     0.0002       DIP     DUCTLE IRON PIPE     LOD     LIMIT OF WORK     0.0002     0.0002     0.0002       PVO     POLYVINTL CHLORDE PIPE     LOW     LIMIT OF WORK     0.0002     0.0002     0.0002       S     SLOPE     -     PLUS OR MINUS     DEGREE     0.0002     0.0002     0.0002       S     SLOPE     -     DEGREE     PROPOSED     PROPERTY LINE     DEGREE     0.0002       ME     MEET EXISTING     0.010.     DIAMETER     0.0002     0.0002     0.0002     0.0002       S     SLOPE     SCTARCK     EXISTING     PROPERTY LINE     0.0002     0.0002     0.0002       ME     MEET EXISTING     OLINE     0.0002     0.0002     0.0002     0.0002     0.0002       ME     CURB     SCT	PI.       POINT OF TANGENCY       W.       WIDE       2       0509/2         PI.       POINT OF INTERSECTION       DEC.       DECONATIVE       2       0509/2         FW.       POINT OF VERTICAL INTERSECTION       ELEV.       ELEVATION       1       1         STA       STATION       UNS.       UUDERGROUND       1       1       1       1         GRT       GRATE       R.O.M.       RIGHT OF WAY       1	PT.       POINT OF INTERSECTION       DEC.       DECORATIVE         PU.       POINT OF INTERSECTION       DEC.       DECORATIVE         PU.       POINT OF INTERSECTION       DEC.       DECORATIVE         STA       STATON       UNG.       UNDERGROUND         STA       STATON       UNG.       UNDERGROUND         GRATE       R.O.W.       RICHT OF WAY         INV.       INVERT       LP       LIMEAR FOOT         DIP       DUCITLE IRON PIPE       LOD       LIMIT OF DISTURBANCE         POL       POLVIVIVL CHCRUE PIPE       LOW       LIMIT OF WORK         HDPE       HIGH DENSITY POLVETHYLENE       LS.A.       LANDSCAPED AREA         PROP       PROPOSED       PROPOSED       PROPOSED         ME       MEET EXISTING       PROPORED       PROPOSED         PROPERTY LINE       SETTACK       Intersection       DATE:         COURB       COURB       @       O       DATE:         Ø       STORM MARHOLE       @       @       DATE:       DATE:         Ø       STORM MARHOLE       @       @       DATE:       DATE:       DATE:         Ø       STORM ARHOLE       @       @       O	1 04/15/2				
PI.       POINT OF INTERSECTION       DEC.       DECORATIVE         PVI.       POINT OF WIRTICAL INTERSECTION       ELEV.       ELEVATION         STA       STATION       UNS.       UNDERGROUND         GRT       GRAT       R.O.W.       RIGHT OF WAY         INM.       INVERT       LF       LINEAR FOOT         DIP       DUCTILE IRON PIPE       LOD       LIMIT OF WORK         HDP       HIGH DENSITY POLYETH/LENE       LS.A.       LANDSCAPED AREA         RCP       REIMFORCED CONCRETE       1       PLUS OR MINUS         S       SLOPE       ODA       DUMETER         ME       MEET EXISTING       0 / DA       DUMETER         VIC       PROPERTY LINE       SETBACK       PROPOSED         OLIGB       OLIGB       OLIGB       PROPOSED         O       STORM MANHOLE       OLIGB       PROVENTY LINE         OLIGB       CATCH BASIN       Image: SSEE       PROVENTION         MICLAND FLAG       VICTAD FLAG       PROVENTION       SSEE         MICLAND FLAG       VICTAD FLAG       Image: SSEE       PROVENTION         Image: SSEE       VICTAD FLAG       Image: SSEE       SSEE         Image: SSEE       VICTAD FLAG<	PI.       POINT OF INTERSECTION       DEC.       DECORATIVE         PVI.       POINT OF VERTICAL       ELEV.       ELEVATION         STA.       STATION       UNG.       UNDERGROUND         GRT       GRATE       R.O.W.       RIGHT OF WAY         INV.       INVERT       LF       LINEAR FOOT         DIP       DUCTLE IRON PIPE       LOD       LIMIT OF WORK         OPE       HIGH DENSITY POLYETHYLENE       LSA       LANDSCAPED AREA         RCP       REINFORCED CONCRETE       ±       PLUS OR MINUS         S       SLOPE       -       DEGREE         ME       MET EXISTING       0 / DIA       DIAMETER         PROPERTY LINE         CORB         O       STORM MANHOLE       O         S       SUPE       -       DEGREE         O       STORM MANHOLE       O       O         O       STORM MANHOLE       O       D         O       STORM MANHOLE       O       O         S       SUPE       VETLAND FLAG       D         M###S       WETLAND FLAG       O       D         CATCH BASIN       D       D       D	PL       POINT OF INTERSECTION       DEC.       DECORATIVE         PVL       POINT OF VERTICAL       ELEV.       ELEVATION         STA       STATION       UNG.       UNDERSECION         GRT       GRATE       R.O.W.       RIGHT OF WAY         INV.       INVERT       LF       LINEAR FOOT         DIP       DUCTLE RON PIPE       LOD       LIMIT OF WORK         MOPE       HIGH DENSITY POLVETHYLENE       LS.A.       LANDSCAPED AREA         RCP       REINFORCED CONCRETE       a       PLUS OR MINUS         S       SLOPE       ·       DEGREE         ME       MEET EXISTING       0 / DIA.       DIAMETER         CURB         CURB         O       STORM MARHOLE       O         O       SECRACK       O       DIAMETER         O       STORM MARHOLE       O       O         O       SECRACK       O       DIAMETER         ME       OCATH BASIN       O       O         O       SECRACK       O       D         MARYS       WETLAND LINE       SECRACK       O         MARYS       WETLAND LINE       SECRACK       O <t< td=""><td>2 05/09/2</td><td></td><td></td><td></td><td></td></t<>	2 05/09/2				
PVI.       PONT OF VERTICAL INTERBECTION       ELEV.       ELEVATION         STA       STATION       UNG.       UNDERGROUND         GRT       GRATE       R.O.W.       RIGHT OF WAY         INV.       INVERT       UF       LURAR FOOT         DIP       DUCTLE RON PIPE       LOD       LIMIT OF WORK         HOPE       HOH DENSITY POLYETHYLENE       L.S.A.       LANDSCAFED AREA         RCP       REINFORCED CONCRETE       s       PLUS OR MINUS         S       SLOPE       '       DEGREE         ME       MEET EXISTING       0 / DA.       DIAMETER         PROPERTY LINE       SETBACK       SCORN       DEGREE         CURB       CURB       SCORN       DEGREE       DEGREE         O       STORM MARHOLE       SCORN       DEGREE       DEGREE         O       STORM MARHOLE       SCORN       DEGREE       DEGREE         SUB       CATCH BASIN       SCORN       DEGREE       DEGREE         SUB       CATCH BASIN       SCORN       SCORN       DEGREE         SUB       CATCH BASIN       SCORN       SCORN       SCORN         SUB       CATCH BASIN       SCORN       SCORN       SCORN	PVI.       POINT OF VERTICAL       ELEV.       ELEVATION         STA       STATION       UNG.       UNDERGROUND         GRT       GRATE       R.O.W.       RIGHT OF WAY         INV.       INVERT       LF       LINEAR FOOT         DIP       DUCTILE IRON PIPE       LOD       LINIT OF WORK         IDP       DUCTILE IRON PIPE       LOD       LINIT OF WORK         IDP       DUCTILE IRON PIPE       LSA.       LANDSCAPED AREA         RCP       REINORCED CONCRETE       1       PLUS OR MINUS         S       SLOPE       OEGREE       DEGREE         ME       MET EXISTING       Ø/ DIA       DIAMETER         PROPERTY LINE         CURIS         REINORCED CONCRETE       1         PROPOSED       PROPOSED         PROPERTY LINE       STORM MANHOLE       INTER DARKOW         ID       CATCH BASIN       ID         ID       CATCH BASIN	PVI       POINT OF VERTICAL INTERACTION       ELEV.       ELEVATION       III         STA       STATION       UNG.       UNDERGROUND       III         GRT       GRATE       R.O.W.       RIGHT OF WAY       III         INV.       INMET       UF       LINEAR FOOT       III         DP       DUCTLE RON PIPE       LOB       LIMIT OF WORK       IIII         HOPE       POLYNINYL CHLORIDE PIPE       LOW       LIMIT OF WORK       IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII					
PVI.       INTERSECTION       ELEV.       ELEVAL       ELEVAL         STA.       STATION       UNG.       UNDERGROUND       Image: Comparison of the state of the	PVI.       INTERSECTION       PLEV.       LLEVATION         STA.       STATION       UNG.       UNDERGROUND         GRT       GRATE       R.O.W.       RIGHT OF WAY         INV.       INVERT       UF       LINEAR FOOT         DIP       DUCTLE IRON PIPE       LOD       LIMIT OF DISTURBANCE         PVC       POLVINVL CHLORIDE PIPE       LOW       LIMIT OF DISTURBANCE         PVC       POLVINVL CHLORIDE PIPE       LOW       LIMIT OF WORK         IDP       DUCTLE IRON PIPE       LS.A.       LANDSCAPED AREA         ROP       REINFORCED CONCRETE       2       PLUS OR MINUS         S       SLOPE       ·       DEGREE         ME       MEET EXISTING       0 / DIA       DIAMETER         FROPERTY LINE         STORM MANHOLE         ©       STORM MANHOLE       ©         ©       SEVER MANHOLE       ©       DATE:         ©       SEVERON	PVL       INTERSECTION       LELV       LELVA       LELVAIION         STA.       STATION       UNG.       UNDERGROUND         GRT       GRATE       R.O.W.       RIGHT OF WAY       I       I         INV.       INVERT       LF       LINKAR FOOT       I       I         DIP       DUCTLE RON PIPE       LOD       LINIT OF DISTURBANCE       I       I         PVC       POLYVINUCHORDE PIPE       LSA.       LANDSCAPED AREA       I       I         HOH DENSITY POLYTINNE       LSA.       LANDSCAPED AREA       I       I         RCP       REINORDORNETE       2       PLUS OR MINUS       I       I         S       SLOPE       '       DEGREE       I       II''s fi         ME       MEET EXISTING       0/ IA       DIAMETER       I'''s fi         C       STORM MANHOLE       @''<''					
GRT     GRATE     R.O.W.     RIGHT OF WAY     I       INV.     INVERT     IF     LINEAR FOOT       DIP     DUCTUE IRON PIPE     LOD     LINIT OF DISTURBANCE       PVC     POLVVINYL CHLORIDE PIPE     LSA.     LANDSCAPED AREA       RCP     REINFORCED CONCRETE     *     PLUS OR NINUS       S     SLOPE     '     DEGREE       ME     MEET EXISTING     0/DIA.     DIAMETER         FROPERTY LINE     STBACK       EXISTING     PROPOSED       PROPERTY LINE     SSTBACK       EASEMENT     OURB       O     STORM MANHOLE       O     STORM MANHOLE       O     STORM MANHOLE       O     SEVER MANHOLE       ME#55     WETLAND INE       ME#55     WETLAND INE       SABJ     SPOTE LEVATION       SABJ     SPOTE MARDON       Y     PAINTED ARROW       Y     PAINTED ARROW       Y     STORM ARPOR       Y     STORM PIPE       <	GRAT       GRATE       R.O.W.       RIGHT OF WAY         INV.       INVERT       LF       LINEAR FOOT         DIP       DUCTLE IRON PIPE       LOD       LIMIT OF DISTURBANCE         PVC       POLVYINVL CHLORIDE PIPE       LOW       LIMIT OF WORK         OPE       HIGH DENSITY POLVETHYLENE       LS.A.       LANDSCAPED AREA         RCP       REINFORCED CONCRETE       ±       PLUS OR MINUS         S       SLOPE       '       DEGREE         ME       MEET EXISTING       0 / DA       DIAMETER         PROPERTY LINE         STORM MANHOLE       O         S       STORM MANHOLE       O         CURB       CATCH BASIN       O         MIM/FS       WETLAND FLAG       PROJECT N         MIM/FS       WETLAND LINE       SSIZE         X TC 54.53       SPOT ELEVATION       SSIZE         X TC 54.53       SPOT ELEVATION       SSIZE         Z TO SALINE       GO       GO         Z CARE       SIGN       SSIZE         MIM/FS       WETLAND LINE       SSIZE         Z MIM/FS       CONTOR       SSIZE         Z MIM/FS       CONTOR       SSIZE <td< td=""><td>GRT       GRATE       R.O.W.       RIGHT OF WAY       I       I         INV.       INVERT       LF       LINEAR FOOT       I       I         DP       DUCTLE IRON PIPE       LOD       LIMIT OF WORK       I       I       I         PVC       POLVVINUL CHLONDEP PIPE       LOW       LIMIT OF WORK       I       I       I       I         MOPE       HIGH DENSITY FOLVETHYLENE       LS.A.       LANDSCAPED AREA       I       <td< td=""><td></td><td></td><td></td><td>INTERSECTION</td><td></td></td<></td></td<>	GRT       GRATE       R.O.W.       RIGHT OF WAY       I       I         INV.       INVERT       LF       LINEAR FOOT       I       I         DP       DUCTLE IRON PIPE       LOD       LIMIT OF WORK       I       I       I         PVC       POLVVINUL CHLONDEP PIPE       LOW       LIMIT OF WORK       I       I       I       I         MOPE       HIGH DENSITY FOLVETHYLENE       LS.A.       LANDSCAPED AREA       I <td< td=""><td></td><td></td><td></td><td>INTERSECTION</td><td></td></td<>				INTERSECTION	
INV.     INVERT     LF     LINEAR FOOT       DIP     DUCTILE IRON PIPE     LOD     LINIT OF DISTURBANCE       PVC     POLVNINU CHLORIDE PIPE     LOW     LINIT OF DISTURBANCE       PVC     POLVNINU CHLORIDE PIPE     LSA.     LANDSCAPED AREA       RCP     REINFORCE CONCRETE     ±     PLUS OR MINUS       S     SLOPE     ·     DEGREE       ME     MET EXISTING     Ø / DIA     DUMETER       PROPERTY LINE       PROPERTY LINE       CURB     Ø'       Ø     STORM MANHOLE     Ø'       Ø     STORM MANHOLE     Ø'       Ø     STORM MANHOLE     Ø'       Ø     SEVER MANHOLE     Ø'       Ø     SEVER MANHOLE     Ø'       Ø     SEVER MANHOLE     Ø'       Ø     STORM MARHOLE     Ø'       Ø     STORM MARHOLE     Ø'       Ø     SOTOR MARNOW     Ø'       X     TC 54.58     TOP & BOTTOM OF       ELEVENDE     TOP & BOTTOM OF     ESSERST       Ø     SOTOM ARROW     Ø'       X     TC 54.58     TOP & BOTTOM OF       Ø     SOTOM OF     ESSERST       Ø     PAINTED ARROW       Ø     PAINTED ARROW	INV       INVERT       LF       LIMEAR FOOT         DIP       DUCTILE IRON PIPE       LOD       LIMIT OF DISTURBANCE         PVC       POLVVINYL CHLORIDE PIPE       LOW       LIMIT OF DISTURBANCE         MDPE       MICH DENSITY POLVETHYLENE       L.S.A.       LANDSCAPED AREA         RCP       REINFORCEORORETE       ±       PLUS OR MINUS         S       SLOPE       ·       DEGREE         ME       MEET EXISTING       0 / DIA.       DIAMETER         TYPICAL LEGERND         EXISTING       PROPERTY LINE         PROPERTY LINE       PROPERTY LINE         CURB       ©       STORM MANHOLE       ©         ©       STORM MANHOLE       ©       DATE::         ©       SEWER MANHOLE       ©       DATE::         ©       SEVER MANHOLE       ©       CATCH BASIN         ©       SEVER MANHOLE       ©       CATCH BASIN         × 76 54.63       SPOT ELEVATION OF       EC53.32       CATCH BASIN         × 76 54.63       SPOT ELEVATION OF       EC53.32       CATCH BASIN         × 76 54.63       SPOT CURB       E       E       E         × 76 54.63       SPOT CURB       E       E	INV.       INVERT       LF       LINAT OF DISTURBANCE         DP       DUCTLE IRON PIPE       LOD       LINIT OF DISTURBANCE         PVC       POLVVINYL CHLORIDE PIPE       LOW       LINIT OF DISTURBANCE         HDPE       HICH DENSITY POLYTHYLENE       LSA.       LANDSCAPED AREA         RCP       REINFORCE CONCRETE       ±       PLUS OR MINUS         S       SLOPE       '       DEGREE         ME       MET EXISTING       Ø / DIA       DUMETER         PROPERTY LINE         PROPERTY LINE       SCOMENT         O       STORM MANHOLE       OC         S       SUBMER MANHOLE       OC         S       SUBMER MANHOLE       OC         O       STORM MANHOLE       OC         O       SEWER MANHOLE       OC         S       SPOT ELEVATION       DISSO         ME/5       WETLAND FLAG       PROJECT         ME/5       WETLAND INE       OC         × 16: 51.78       TOP & BOTTOM OF       DISSO         × 16: 51.78       TOP & BOTTOM OF       DISSO         C       C       GAS LINE       OH					
DIP       DUCTILE IRON PIPE       LO0       LIMIT OF DISTURBANCE         PVC       POLVVINUL CHLORIDE PIPE       LOW       LIMIT OF DISTURBANCE         PVC       POLVVINUL CHLORIDE PIPE       LSA       LANDSCAPED AREA         RCP       REINFORCEO CONCRETE       ±       PLUS OR MINUS         S       SLOPE       *       DEGREE         ME       MEET EXISTING       0 / DIA       DIAMETER         PROPERTY LINE         PROPOSED       PROPOSED         ©       STORM MANHOLE       ©         ©       SEWER MANHOLE       ©         ©       SET ACCH       ©         MF#5       WETLAND INE       ©         × 54.63       SPOTELEVATION       E3522         × 53.73       TOP & BOTTOM OF       E35322         ©	DIP       DUCTLE IRON PIPE       LOD       LIMIT OF DISTURBANCE         PVC       POLVVINYL CHLORIDE PIPE       LOW       LIMIT OF DISTURBANCE         HICH DENSITY POLVETHYLENE       L.S.A.       LANDSCAPED AREA         RCP       REINFORCE OCKRETE       x       PLUS OR MINUS         S       SLOPE       ·       DEGREE         ME       MEET EXISTING       0 / DIA       DIAMETER         TYPICAL LEGERND         EXISTING       PROPERTY LINE         PROPERTY LINE       PROPERTY LINE         O       STORM MANHOLE       O         O       STORM MANHOLE       O         O       SELVER MANHOLE       O         O       SEVER MANHOLE       O         O       SEVER MANHOLE       O         O       SEVER MANHOLE       O         MF\$5       WETLAND FLAG       PROJECTI SEVENCE         MF\$5       WETLAND FLAG       FROME         MF\$6       SO       SUBARCH       SUBARCH         X TC 54.58       TOP & BOTTOM OF       SUBARCH       SUBARCH         C/-       FLEOMAROW       SUBARCH       SUBARCH         Z T       T       TELEPHONE LINE       T       T	DP       DUCTLE IRON PIPE       LOD       LIMIT OF DISTURBANCE         PVC       POLVNINYL CHLORIDE PIPE       LOW       LIMIT OF WORK         HDPE       HICH DESSITY POLYTHYLENE       LSA.       LANDSCAPED AREA         RCP       REINFORCE CONCRETE       2       PLUS OR MINUS         S       SLOPE       '       DEGREE         ME       MET EXISTING       0 / DIA       DUMETER         PROPERTY LINE         EXISTING       PROPERTY LINE         CUBB       O       STORM MANHOLE       O         O       STORM MANHOLE       O       STORM MANHOLE       O         ME       CATCH BASIN       O       DATE:       DATE:         ME/5       WETLAND LINE       STORM MANHOLE       O       DATE:       DATE:         ME/5       WETLAND RAG       O       STORM FIRE       O       DATE:       DECREMENT         ME/5       WETLAND LINE       STORM MANHOLE       STORM       STORM FIRE       O       DATE:       DATE: <td></td> <td>RIGHT OF WAY</td> <td>R.O.W.</td> <td>GRATE</td> <td>GRT</td>		RIGHT OF WAY	R.O.W.	GRATE	GRT
PVC       POLVVINVL CHLORIDE PIPE       LOW       LIMIT OF WORK         HDPE       HICH DENSITY POLYETHYLENE       LSA       LANDSCAPED AREA         RCP       REINFORCE CONCRETE       ±       PLUS OR MINUS         S       SLOPE       •       DEGREE         ME       MET EXISTING       0 / DIA       DIAMETER         PROPERTY LINE         EXISTING       PROPOSED       PROPOSED         ©       STORM MANHOLE       ©       DATE:         ©       STORM MANHOLE       ©       DATE:         ©       SEWER MANHOLE       ©       CATCH BASIN         ©       SEWER MANHOLE       ©       CATCH BASIN         X       T/C 54.58       TOP & BOTTON OF       ESSER         C/S       SPOTELEVATION       ESSER       SE         X       T/C 54.58       TOP & BOTTON OF       ESSER         C/S       SANTARY LINE       SOTOM PIPE       SOTOM PIPE	PVC       POLVVINYL CHLORIDE PIPE       LOW       LIMIT OF WORK         ODPE       HICH DENSITY POLVETHYLENE       LSA       LANDSCAPED AREA         RCP       REINFORCED CONCRETE       ±       PLUS OR MINUS         S       SLOPE       *       DEGREE         ME       MEET EXISTING       0 / DL       DIAMETER         TYPICAL LEGEND         EXISTING       PROPERTY LINE         PROPERTY LINE       PROPOSED         O       STORM MANHOLE       O         O       STORM MANHOLE       O         O       SEWER MANHOLE       O         S       SPOT ELEVATION OF       ECS322         MET OR ARNOW       SS322       SC         VETLAND LINE       SS       SC         × TC 54:58       FOR 2 BOTTOM OF       ECS328	PVC       POLVYINYL CHLORIDE PIPE       LOW       LIMIT OF WORK         HDPE       HICH DENSITY POLYETHYLENE       LS.A.       LANDSCAPED AREA         RCP       REINFORCED CONCRETE       x       PLUS OR MINUS         S       SLOPE       ·       DEGREE         ME       MET EXISTING       0 / DIA       DIAMETER         TYPICAL LEGEND         EXISTING       PROPERTY LINE       It's family and particular		LINEAR FOOT	LF	INVERT	INV.
HDPE       HIGH DENSITY POLVETHYLENE PIPE       L.S.A.       LANDSCAPED AREA         RCP       REINFORCED CONCRETE PIPE       ±       PLUS OR MINUS         S       SLOPE       ·       DEGREE         ME       MEET EXISTING       Ø / DIA       DIAMETER         TYPICAL LEGEND         EXISTING       PROPERTY LINE         PROPERTY       PROPERTY LINE         CURB       O         S STORM MANHOLE       O         O       STORM MANHOLE         S STORM MANHOLE       O         ME       CATCH BASIN         ME/S J.ZB       TOP & BOTTOM OF CURB         ME/S J.ZB       TOP & BOTTOM OF CURB         ME/S J.ZB       TOP & BOTTOM OF CURB         S STORM MANHOLE       SSSS2         ME/S J.ZB       TOP & BOTTOM OF CURB         MIDELINE       TOP         S STORM PIPE       OH         OUCHARDW       SSSSS         MIDELINE       TOP	INCH DENSITY POLYETHYLENE       L.S.A.       LANDSCAPED AREA         RCP       REINFORCED CONCRETE       1       PLUS OR MINUS         S       SLOPE       0       DEGREE         ME       MEET EXISTING       0/ DA.       DIAMETER         TYPICAL LEGENDD         EXISTING       PROPERTY LINE       PROPOSED         PROPERTY LINE       OCURB       OCURB       OCURB         O       STORM MANHOLE       OC       OCURB       OCURB         MET CALCH BASIN       OCURB       OCURB       OCURB       OCURB         MEF6       WETLAND FLAG       OCURB       OCURB       OCURB       OCURB         MEF6       WETLAND FLAG       OCURB       OCURB       OCURB       OCURB       OCURB         X TC 64.58       TOP & BOTTOM OF       ICC553.32       OCURB       OC       OC       OC         X TC 64.58       TOP & BOTTOM OF       ICC553.32       OC       OC       OC       OC         X TC 64.58       TOP & BOTTOM OF       ICC553.32       OC       OC       OC       OC       OC         X TC 64.58       TOP ARROW       SS       OC       OC       OC       OC       OC       OC	HOPE       HOH DENSITY POLYETHYLENE       L.S.A.       LANDSCAPED AREA         ROP       REINFORCE CONCRETE       ±       PLUS OR MINUS         S       SLOPE       ·       DEGREE         ME       METEXISTING       Ø / DIA       DUMETER         TYPICAL LEGENDD         EXISTING       PROPERTY LINE       Its framework         O       STORM MANHOLE       Ø'       DAKTER         Ø       STORM MANEN </td <td></td> <td>LIMIT OF DISTURBANCE</td> <td>LOD</td> <td>DUCTILE IRON PIPE</td> <td>DIP</td>		LIMIT OF DISTURBANCE	LOD	DUCTILE IRON PIPE	DIP
HUPE       DIPE       LS.A.       LANUSCAPED AREA         RCP       REINFORCED CONCRETE       ±       PLUS OR MINUS         S       SLOPE       ±       DEGREE         ME       MEET EXISTING       Ø / DIA.       DIAMETER         TYPICAL LEGENDD         EXISTING       PROPERTY LINE         PROPERTY LINE       PROPOSED         PROPERTY LINE       OC         STORM MANHOLE       OC         O       STORM MANHOLE         SALTS       VETLAND INE         X 17, 54,59       TOP & BOTTOM OF         FLOW ARROW       SSL         X 17, 54,59       CONTOUR         RIDGE LINE       T	IJJPE       LISA       LANUSCAPED AREA         RCP       REINFORCED CONCRETE       ±       PLUS OR MINUS         S       SLOPE       •       DEGREE         ME       MEET EXISTING       Ø / DIA       DIAMETER         TYPICAL LEGEND         EXISTING       PROPERTY LINE       It's fa         PROPERTY LINE       PROPOSED       PROPOSED         Ø       STORM MANHOLE       Ø         Ø       STORM MANHOLE<	HUPE       LS.A.       LANUSCAPED AREA         RCP       REINFORCED CONCRETE       ±       PLUS OR MINUS         S       SLOPE       ±       DEGREE         ME       MEET EXISTING       0 / DIA.       DIAMETER         TYPICAL LEGEND         EXISTING       PROPERTY LINE       PROPOSED         PROPERTY LINE       SETBACK       PROPOSED         O       STORM MANHOLE       O         O       STORM MANHOLE       O         O       STORM MANHOLE       O         VETLAND FLAG       PROJECT N         METAND FLAG       PROJECT N         VETLAND FLAG       PROJECT N         VETLAND FLAG       PROJECT N         VETLAND FLAG       PROJECT N         N/Y/JS       WETLAND FLAG         VETLAND FLAG       PROJECT N         VETLAND FLAG       STORM VETLAND FLAG         VETLAND FLAG       STORM         VETLAND PLOP       STORM		LIMIT OF WORK	LOW		PVC
RCP       PIPE       Z       PLUG OR MINUDS         S       SLOPE       *       DEGREE         ME       MEET EXISTING       0/DIA.       DIAMETER         TYPICAL LEGENDD         EXISTING       PROPERTY LINE         PROPERTY LINE       SETBACK         CUBB       O         STORM MANHOLE       O         S       SEWER MANHOLE         S	RCP     PIPE     I     PLUS OK MINUS       S     SLOPE     ·     DEGREE       ME     MEET EXISTING     Ø / DIA     DIAMETER       TYPICAL LEGEND       EXISTING     PROPERTY LINE       PROPERTY LINE     PROPOSED       PROPERTY LINE     PROPOSED       O     STORM MANHOLE       S     SUBB       PROJECT N     DEGRES       PROJECT N     DEGRES       METLAND FLAG     PROJECT       PAINTED ARROW     SUSSE       C     GASLINE       C     GASLINE       C     GASLINE       C     GASLINE       C     C       C     GASLINE       C     C       SUBGN     WEILAND INE       MEDELINE     T       T     T       C     C       C     C       C     GASLINE       C	RCP       PIPE       Z       PLUS UR MINUS         S       SLOPE       ·       DEGREE         ME       MEET EXISTING       0/DIA.       DIAMETER         TYPICAL LEGEND         EXISTING       PROPERTY LINE       PROPOSED         PROPERTY LINE       SETBACK       PROPOSED       PROVENTY         O       STORM MANHOLE       O       CHECK EXED       DEGREE         O       STORM MANHOLE       O       CHECK EXED       DATE:         O       STORM MANHOLE       O       DEGREE       DATE:         O       STORM MANHOLE       O       DATE:       DATE:         O       STORM MANHOLE       O       DATE:       DATE:         O       STORM MANHOLE       O       DATE:       DATE:         METAND FLAG       Image: Cartch BASIN       Image: Cartch		LANDSCAPED AREA	L.S.A.		HDPE
S     SCOPE     DEGREE       ME     MEET EXISTING     Ø / DIA.     DIAMETER       IL'S FIRG       TYPICAL LEGEND       EXISTING     PROPERTY LINE       PROPERTY LINE     PROPOSED       III     PROPERTY LINE       SETBACK     REVIEW AND ANHOLE       III     CURB       IIII     CATCH BASIN       IIII     CATCH BASIN       IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	S     SLOPE     DEGREE       ME     MEET EXISTING     0 / DIA.     DIAMETER       ITYPICAL LEGEND       EXISTING     PROPERTY LINE       PROPERTY LINE     PROPOSED       PROPERTY LINE     SETBACK       CURB     Its DRAWNE       Image: Catch Basin     Image: Catch Basin       Image: Catch Basin     Image: Catch Basin       X     SPOT ELEVATION       X     SPOT ELEVATION       X     TOP & BOTTON OF       Image: Catch Basin     Image: Catch Basin       X     TOP & BOTTON OF       X     SPOT ELEVATION       X     STORM MARNED       Contour     SSO       Flow ARROW     SSO       PAINTED ARROW     SSO       PAINTED ARROW     SSO       PAINTED ARROW     SSO       Image: Catch Basin     Image: Catch Basin       Image: Catch Basin     Image: Catch Basin       X     Top A BOTTON OF       Image: Catch Basin     Image: Catch Basin       X     Top A BATTER DAROW       X     SSO       PAINTED ARROW     SSO       Image: Catch Basin     Image: Catch Basin       Image: Catch Basin     Image: Catch Basin       Image: Catch Basin     Image: Catch Basi	S     JUCHE     JUENCE       ME     MEET EXISTING     0 / DIA     DIAMETER       IL'S fill       TYPICAL LEGEND       EXISTING     PROPERTY LINE       PROPERTY LINE     PROPOSED       PROPERTY LINE     INIS fill       O     STORM MANHOLE       MF#5     WETLAND LINE       × 54.83     FOP & ELEVATION       STORM FILL     STORM       × 517.5     TOP & BOTTOM OF CURB       C     GAS LINE       C     GAS LINE       C     GAS LINE       SANITARY LINE     SS       SANITARY LINE     SS       SANITARY LINE     SS       M     WATER LINE       M     WATER LINE       M     WATER LINE       M     SANITARY LINE       SANITARY LINE     SS </td <td></td> <td>PLUS OR MINUS</td> <td>±</td> <td></td> <td>RCP</td>		PLUS OR MINUS	±		RCP
It's fa         FROPERTY LINE         PROPERTY LINE         O STORM MANHOLE       O         O       STORM MANHOLE       O         O       STORM MANHOLE       O         O       STORM MANHOLE       O         O       STORM MANHOLE       O         O       STORM MANHOLE       O         O       STORM MANHOLE       O         O       STORM MANHOLE       O         O       STORM MANHOLE       O         O       STORM MANHOLE       O         O       STORM MANHOLE       O         M##5       WETLAND FLAG         M##5       WETLAND FLAG         M##5       TO # BOTTOM OF CLUB ABROW       STORM PIPE         C       C       O         C       SANITARY LINE       S         M       PARKING COUNT       A         M       PARKING COUNT       A	It's fat         It's fat         PROPERTY LINE         SETBACK         O STORM MANHOLE         O       STORM MANHOLE         O       STORM MANHOLE         O       STORM MANHOLE         O       STORM MANHOLE         O       STORM MANHOLE         O       STORM MANHOLE         O       STORM MANHOLE         O       STORM MANHOLE         O       STORM MANHOLE         O       STORM MANHOLE         O       STORM MANHOLE         O       STORM MANHOLE         O       STORM MANHOLE         O       STORM MANHOLE         O       STORM MANHOLE         O       STORM MANHOLE         O       STORM MANHOLE         MF#J5       WETLAND FLAG         PROJECT N.       STORM         X 10 5 54.33       SPOT ELEVATION         C 53.78       TOP & BOTTOM OF         FLOW ARROW       STORM         Ridde LINE       T         FLOW ARROW       STORM         OH       OH         OH       OH         OH       OH	It's fatomedia         TYPICAL LEGEND         EXISTING       PROPERTY LINE         PROPERTY LINE       PROPOSED         PROPERTY LINE       PROPERTY LINE         O       STORM MANHOLE         STORM PIPE       STORM         STORM PIPE       STORM         FLOW ARROW       STA         FLOW ARROW       STA         FLOW ARROW       STA         PAINTED ARROW       STA         PAINTED ARROW       STA         PAINTED ARROW       STA         OH       OH         OH       OH         OH       OH         MIDGE L		DEGREE	o	SLOPE	S
EXISTING       PROPERTY LINE       PROPOSED         PROPERTY LINE       SETBACK       TWIS DRAWNER         O       STORM MANHOLE       O         STORM MANHOLE       O       SEWER MANHOLE       O         O       STORM MANHOLE       O       DROJECT       DROJECT         O       STORM MANHOLE       O       DROJECT       DROJECT         O       STORM MANHOLE       O       DROJECT       DROJECT         MF/J5       WETLAND FLAG       O       DATE       DATE         VEF/J5       WETLAND FLAG       O       DATE       DATE       DATE         VEF/J5       WETLAND FLAG       O       DATE       DATE       DATE       DATE         VEF/J5       WETLAND FLAG       O       DATE       DATE <td< th=""><th>It's far         FROPERTY LINE         PROPERTY LINE         PROPERTY LINE         O SETBACK         O STORM MANHOLE       O         O STORM MANHOLE       O         O SEWER MANHOLE       O</th><th>EXISTING       PROPERTY LINE       PROPOSED         PROPERTY LINE       SETBACK       Itilities MANDARE         Image: Control of the same of the same</th><th></th><th></th><th></th><th></th><th></th></td<>	It's far         FROPERTY LINE         PROPERTY LINE         PROPERTY LINE         O SETBACK         O STORM MANHOLE       O         O STORM MANHOLE       O         O SEWER MANHOLE       O	EXISTING       PROPERTY LINE       PROPOSED         PROPERTY LINE       SETBACK       Itilities MANDARE         Image: Control of the same					
EXISTING       PROPERTY LINE       PROPOSED         PROPERTY LINE       SETBACK       THIS DRAWING         O       STORM MANHOLE       O         S       SEWER MANHOLE       O         S       SEWER MANHOLE       O         CATCH BASIN       Image: CatCh BASIN       Image: CatCh BASIN         MF#5       WETLAND FLAG       Image: CatCh BASIN       Image: CatCh BASIN         MF#5       WETLAND LINE       Image: CatCh BASIN       Image: CatCh BASIN         X       TC 54.55       SPOT ELEVATION       Image: CatCh BASIN         X       TC 54.55       SPOT ELEVATION       Image: CatCh BASIN         X       TC 54.55       CONTOUR       Image: CatCh BASIN         X       TC 54.55       CONTOUR       Image: CatCh BASIN         X       TC 54.55       CONTOUR       Image: CatCh BASIN         X       TO ELEPHONE LINE       To To To To ELEPHONE LINE       Image: CatCh BASIN	TYPICAL LEGEND         EXISTING       PROPERTY LINE         PROPERTY LINE       Item of the second	TYPICAL LEGEND         EXISTING       PROPERTY LINE         PROPERTY LINE       PROPOSED         PROPERTY LINE       Image: Colspan="2">Tris praving and appertention of the property line         Image: Colspan="2">Colspan="2">Colspan="2">Tris praving appertention of the propertention of the propertentic of the propertention of the propertention of the proper		DIAMETER	Ø / DIA.	MEET EXISTING	ME
PROPERTY LINE         SETBACK         EASEMENT         CURB         O       STORM MANHOLE         S       SEWER MANHOLE         S       SETESSA         S       WETLAND FLAG         S       SETESSA         S       SETESSA         S       CONTOUR         FLOW ARROW       SS         S       S         RIDGE LINE       T         T       T         C       G         GAS LINE <td< th=""><th>PROPERTY LINE         SETBACK         EASEMENT         O       STORM MANHOLE         O       CATCH BASIN         O       CATCH BASIN         O       CATCH BASIN         O       CATCH BASIN         VETLAND FLAG       PROJECT INC         STORM WETLAND NOF       STORM STORM         FLOW ARROW       STORM         FLOW ARROW       STORM         PAINTED ARROW       STORM         PAINTED ARROW       STORM         O       RIDGE LINE         T       TELEPHONE LINE         VEN       WATER LINE         W       STORM PIPE     <th>PROPERTY LINE         SETBACK         EASEMENT         CURB         O       STORM MANHOLE         O       CATCH BASIN         FLOW ARROW       STAR         O       PAINTED ARROW         O       PAINTED ARROW      &lt;</th><th></th><th></th><th></th><th></th><th>ME</th></th></td<>	PROPERTY LINE         SETBACK         EASEMENT         O       STORM MANHOLE         O       CATCH BASIN         O       CATCH BASIN         O       CATCH BASIN         O       CATCH BASIN         VETLAND FLAG       PROJECT INC         STORM WETLAND NOF       STORM STORM         FLOW ARROW       STORM         FLOW ARROW       STORM         PAINTED ARROW       STORM         PAINTED ARROW       STORM         O       RIDGE LINE         T       TELEPHONE LINE         VEN       WATER LINE         W       STORM PIPE <th>PROPERTY LINE         SETBACK         EASEMENT         CURB         O       STORM MANHOLE         O       CATCH BASIN         FLOW ARROW       STAR         O       PAINTED ARROW         O       PAINTED ARROW      &lt;</th> <th></th> <th></th> <th></th> <th></th> <th>ME</th>	PROPERTY LINE         SETBACK         EASEMENT         CURB         O       STORM MANHOLE         O       CATCH BASIN         FLOW ARROW       STAR         O       PAINTED ARROW         O       PAINTED ARROW      <					ME
EASEMENT       EASEMENT         CURB       CURB         STORM MANHOLE       Image: Construction of the second	EASEMENT       EASEMENT         CURB       Image: Constraint of the second	EASEMENT       CURB         Image: Curb of the second s	lt's fa	END		TYPICAL	
CURB       CURB         Image: Curb Basin       Image: Carch Basin         Image: Carch Basin       Image: Ca	CURB       CURB $\bigcirc$ STORM MANHOLE $\bigcirc$ $\bigcirc$ STORM MANHOLE $\bigcirc$ $\bigcirc$ SEWER MANHOLE $\bigcirc$ $\bigcirc$ SEWER MANHOLE $\bigcirc$ $\bigcirc$ SEWER MANHOLE $\bigcirc$ $\bigcirc$ CATCH BASIN $\bigcirc$ $\bigcirc$ CATCH BASIN $\bigcirc$ $\bigcirc$ CATCH BASIN $\bigcirc$ $\bigcirc$ WETLAND FLAG       PROJECT IN $\bigcirc$ WETLAND FLAG $\bigcirc$ $\checkmark$ WETLAND FLAG       PROJECT IN $\checkmark$ WETLAND FLAG $\bigcirc$ $\checkmark$ WETLAND GO $\bigcirc$ $\times$ STOP & BOTTOM OF $\bigcirc$ $\bigcirc$ $\times$ STOP & BOTTOM OF $\bigcirc$ $\bigcirc$ $\checkmark$ FLOW ARROW $\bigcirc$ $\bigcirc$ $\checkmark$ PAINTED ARROW $\bigcirc$ $\bigcirc$ $\sim$ PAINTED ARROW $\bigcirc$ $\sim$	CURB       CURB         Image: Curb Basin       Image: Carch Basin         Image: Carch Basin       Image: Ca		END	LEGI		
∅       STORM MANHOLE       ∅       DRAWN BY: CHECKED E         ⑤       SEWER MANHOLE       ∅         ⑥       SEWER MANHOLE       ∅         ○       SEWER MANHOLE       ∅         ○       CATCH BASIN       ∅         ○       CATCH BASIN       ∅         ○       MF#/5       WETLAND FLAG         ○       WETLAND FLAG       ∅         ○       SPOT ELEVATION       53.52         × 70: 54.58       TOP & BOTTOM OF CURB       10: 500         × 10: 53.72       CONTOUR       500         ○       FLOW ARROW       5%         ○       PAINTED ARROW       5%         ○       FLOW ARROW       5%         ○       Gas LINE       T         ○       Gas LINE       OH         ○       OH       OH         ○       SIGN       ✓         ○       <	O STORM MANHOLE   S SEWER MANHOLE   S SEWER MANHOLE   S SEWER MANHOLE   S SEWER MANHOLE   CATCH BASIN Image: Catch Basin   Image: C	Image: Construction of the second	PRE THIS DRAWING REVIEW AND APP	END	<b>LEGI</b> RTY LINE BACK	TYPICAL EXISTING PROPE SET	
S       SEWER MANHOLE       S       DATE: CATCH BASIN       DATE: CAD LD:         Image: Control basin       Image: Control basin <t< td=""><td>③       SEWER MANHOLE       ⑤       DATE: CAD LD:         □       CATCH BASIN       □       PROJECT:         △       WETLAND FLAG       □       PROJECT:         × 54.83       SPOT ELEVATION       53.52       PLAN         × 1C 54.58       TOP &amp; BOTTOM OF CURB       □       □       PLAN         × 1C 54.58       TOP &amp; BOTTOM OF CURB       □       □       S%       S         →       FLOW ARROW       5%       S%       S       S         →       PAINTED ARROW       5%       S       S       S         →       PAINTED ARROW       5%       S       S       S         →       PAINTED ARROW       5%       S       S       S         →       PAINTED ARROW       ●       ●       S       S       S         →       PAINTED ARROW       ●<td>Setwer Manhole       So       DATE: CATCH BASIN       DATE: CAD LD:</td><td>PRE THIS DRAWING REVIEW AND APP DOCU</td><td>END</td><td><b>LEGI</b> RTY LINE BACK IMENT</td><td>TYPICAL           EXISTING           PROPE           SET           EASE</td><td></td></td></t<>	③       SEWER MANHOLE       ⑤       DATE: CAD LD:         □       CATCH BASIN       □       PROJECT:         △       WETLAND FLAG       □       PROJECT:         × 54.83       SPOT ELEVATION       53.52       PLAN         × 1C 54.58       TOP & BOTTOM OF CURB       □       □       PLAN         × 1C 54.58       TOP & BOTTOM OF CURB       □       □       S%       S         →       FLOW ARROW       5%       S%       S       S         →       PAINTED ARROW       5%       S       S       S         →       PAINTED ARROW       5%       S       S       S         →       PAINTED ARROW       5%       S       S       S         →       PAINTED ARROW       ●       ●       S       S       S         →       PAINTED ARROW       ● <td>Setwer Manhole       So       DATE: CATCH BASIN       DATE: CAD LD:</td> <td>PRE THIS DRAWING REVIEW AND APP DOCU</td> <td>END</td> <td><b>LEGI</b> RTY LINE BACK IMENT</td> <td>TYPICAL           EXISTING           PROPE           SET           EASE</td> <td></td>	Setwer Manhole       So       DATE: CATCH BASIN       DATE: CAD LD:	PRE THIS DRAWING REVIEW AND APP DOCU	END	<b>LEGI</b> RTY LINE BACK IMENT	TYPICAL           EXISTING           PROPE           SET           EASE	
CATCH BASIN       Image: Control of the second	CATCH BASIN       Image: Catch Bas	Image: Catch Basin       Image: Catch Basin       Image: Catch Basin       Image: Catch Basin         Image: Catch Basin       Image: Catch Basin       Image: Catch Basin       Image: Catch Basin       Image: Catch Basin         Image: Catch Basin       Image	PROJECT N DRAWN BY:	PROPOSED	<b>LEG</b> RTY LINE BACK MENT JRB	TYPICAL           EXISTING         PROPE	
		Image: Section of the section of th	THIS DRAWING REVIEW AND APP DOCU PROJECT N DRAWN BY: CHECKED B DATE:	PROPOSED	LEGI RTY LINE BACK IMENT JRB MANHOLE	TYPICAL           EXISTING         PROPE           PROPE         SET           EASE         CI           Ø         STORM	
WETLAND LINE       PROPRING         × 54.83       SPOT ELEVATION       53.52         × 7C 54.58       TOP & BOTTOM OF CURB       TC=54.32	WETLAND LINE       PROPRING         × 54.83       SPOT ELEVATION $\overline{53.52}$ × TC 54.58       TOP & BOTTOM OF CURB $\overline{10}\overline{54.32}$ $\overline{10}\overline{54.32}$ 53	WETLAND LINE       PROPERTY $\times$ 54.83       SPOT ELEVATION       53.52 $\times$ TC 54.58       TOP & BOTTOM OF       IC=54.32 $53$ CONTOUR       50 $$	PROJECT N DRAWN BY: CHECKED B DATE: CAD I.D.:	PROPOSED	LEGI RTY LINE BACK EMENT JRB MANHOLE MANHOLE	TYPICAL    EXISTING    PROPE    PROPE    EASE    CI    Ø    STORM    S	
× 54.83       SPOT ELEVATION $\overline{53.52}$ PLAN         × 10 54.58       TOP & BOTTOM OF CURB $\overline{100}$ $\overline{100}$ $\overline{100}$	× 54.83       SPOT ELEVATION       53.52       PLAN         × 10: 54.58       TOP & BOTTOM OF CURB       ICC=54.32 BC=53.82       PLAN	× 54.83       SPOT ELEVATION       £3.52       PLAN         × TC 54.58       TOP & BOTTOM OF CURB       TC 554.32       SPOT       STOP	It's fa <b>PROJECT NA</b> DRAWN BY: CHECKED B DATE: CAD I.D.:	PROPOSED	LEGI RTY LINE BACK MENT JRB MANHOLE MANHOLE H BASIN	TYPICAL      EXISTING      PROPE      PROPE      PROPE      EASE      CI      Ø      STORM      S      SEWER      CATC      Ø      NETLA	
$\times$ TC 54.58       TOP & BOTTOM OF       TC=54.32 $=$	$\times$ TC 54.58 G 53.78       TOP & BOTTOM OF CURB       TC=54.32 BC=53.82 $=$ $=$ $53$ $=$ $53$ $=$ $=$ $53$ $=$ $53$ $=$ $=$ $53$ $=$ $53$ $=$ $=$ $53$ $=$ $53$ $=$ $=$ $53$ $=$ $53$ $=$ $=$ $=$ $53$ $=$ <t< td=""><td><math>\times</math> TC 54.58       TOP &amp; BOTTOM OF CURB       <math>\square C = 54.32</math> <math>\square S = 53.78</math> <math>= 53</math> <math>= 533</math> <math>=</math></td><td>It's fa <b>PROJECT NO DRAWN BY:</b> CHECKED B DATE: CAD I.D.: PROJECT:</td><td>PROPOSED</td><td>LEGI RTY LINE BACK MENT JRB MANHOLE H BASIN ND FLAG</td><td>TYPICAL      EXISTING      PROPE      PROPE      SET      CATC      Im      CATC      Im      MF#5</td><td></td></t<>	$\times$ TC 54.58       TOP & BOTTOM OF CURB $\square C = 54.32$ $\square S = 53.78$ $= 533$ $= 533$ $= 533$ $= 533$ $= 533$ $= 533$ $= 533$ $= 533$ $= 533$ $= 533$ $= 533$ $=$	It's fa <b>PROJECT NO DRAWN BY:</b> CHECKED B DATE: CAD I.D.: PROJECT:	PROPOSED	LEGI RTY LINE BACK MENT JRB MANHOLE H BASIN ND FLAG	TYPICAL      EXISTING      PROPE      PROPE      SET      CATC      Im      CATC      Im      MF#5	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$0 \ 0.170$ $50$ $53$ $53$ $FLOW \ ARROW$ $5\%$ $fLOW \ ARROW$ $5\%$ $ridge \ Line$ $ridge \ Line$ $cc$ $Gas \ Line$ $d$	PROJECT NO DATE: CAD I.D.:	PROPOSED	LEGI RTY LINE BACK MENT JRB MANHOLE MANHOLE H BASIN ND FLAG ND LINE	TYPICAL      EXISTING      PROPE      PROPE      PROPE      SET      CATC      Image: Catch	
FLOW ARROW   FLOW ARROW     FLOW ARROW     FLOW ARROW     PAINTED ARROW     RiDGE LINE     Tomation     RiDGE LINE     RiDGE LINE     RiDGE LINE     Tomation     Ridge LINE     Tomation     Weight Rail     Ridge Line     Ridge Count     Weight Raine     Ridge Count     Ridge Count </td <td>FLOW ARROW   FLOW ARROW   PAINTED ARROW   RIDGE LINE   RIDGE LINE   Gas LINE   Gas LINE  </td> <td>FLOW ARROW     FLOW ARROW     FLOW ARROW     FLOW ARROW     FLOW ARROW     RIDGE LINE     RIDGE LINE     G    &lt;</td> <td>PROJECT NO DATE: CAD I.D.:</td> <td>END PROPOSED</td> <td>LEGI RTY LINE BACK MENT JRB MANHOLE H BASIN ND FLAG ND LINE EVATION DTTOM OF</td> <td>TYPICAL         EXISTING       PROPE         PROPE       SET         CO       SET         STORM       CATC         Im       Im         Im       Im      <t< td=""><td></td></t<></td>	FLOW ARROW   FLOW ARROW   PAINTED ARROW   RIDGE LINE   RIDGE LINE   Gas LINE   Gas LINE	FLOW ARROW     FLOW ARROW     FLOW ARROW     FLOW ARROW     FLOW ARROW     RIDGE LINE     RIDGE LINE     G    <	PROJECT NO DATE: CAD I.D.:	END PROPOSED	LEGI RTY LINE BACK MENT JRB MANHOLE H BASIN ND FLAG ND LINE EVATION DTTOM OF	TYPICAL         EXISTING       PROPE         PROPE       SET         CO       SET         STORM       CATC         Im       Im         Im       Im <t< td=""><td></td></t<>	
PAINTED ARROW   RIDGE LINE   RIDGE LINE   GUIDE RAIL   GUIDE RAIL	PAINTED ARROW   RIDGE LINE   RIDGE LINE   GUIDE RAIL	PAINTED ARROW   RIDGE LINE   G    G    G   G	It's fa PROJECT NA DRAWN BY: CHECKED B DATE: CAD I.D.: PROJECT: PROJECT:	PROPOSED	LEG RTY LINE BACK EMENT JRB MANHOLE MANHOLE H BASIN ND FLAG ND LINE EVATION DTTOM OF JRB	TYPICAL         EXISTING       PROPE         PROPE       SET         SET       CL         Ø       STORM         Ø       STORM         Ø       SEWER         Ø       SEWER         Ø       CATC         Ø       SEWER         VETLA       VETLA         × 54.83       SPOT EI         × 7C 54.58       TOP & BR         G 53.78       TOP & BR	
RIDGE LINE       G       G $G$ $G$ $G$ $T$ $T$ $T$ $E$ $E$ $E$ $W$ <	RIDGE LINE       G       G $-G - G - G$ GAS LINE       G       G $-T - T - T$ TELEPHONE LINE       T       T $-E - E - E$ ELECTRIC LINE       E       E $W - W - W$ WATER LINE       W       W $OH - OH - OH - OH$ OVERHEAD WIRE       OH - OH       WOF $-W - W - W - W - W - W - W - W - W - W $	RIDGE LINE       G       G       G $-7 - 7$ TELEPHONE LINE       T       T $-E - E$ ELECTRIC LINE       E       E $W - W$ WATER LINE       W       W $-0H - 0H$ OVERHEAD WIRE       OH - 0H       WOF $-0H - 0H$ OVERHEAD WIRE       OH - 0H       WOF $-0H - 0H$ OVERHEAD WIRE       OH - 0H       WOF $-0H - 0H$ OVERHEAD WIRE       OH - 0H       WOF $-0H - 0H$ OVERHEAD WIRE       OH - 0H       WOF $-0H - 0H$ OVERHEAD WIRE       OH - 0H       WOF $-0H - 0H$ OVERHEAD WIRE       OH - 0H       WOF $-0H - 0H$ OVERHEAD WIRE       OH - 0H       WOF $-0H - 0H$ OVERHEAD WIRE       OH - 0H       WOF $-0H - 0H$ OVERHEAD WIRE       OH - 0H       WOF $-0H - 0H$ OVERHEAD WIRE       OH - 0H       WOF $-0H - 0H$ SIGN $$	It's fa <b>PROJECT NO DRAWN BY:</b> CHECKED B DATE: CAD I.D.: PROJECT: <b>PROJECT:</b>	END PROPOSED	LEG RTY LINE BACK EMENT JRB MANHOLE MANHOLE H BASIN ND FLAG ND LINE EVATION DTTOM OF JRB	TYPICAL         EXISTING       PROPE         PROPE       SET         SET       EASE         O       STORM         S       SEWER         O       STORM         S       SEWER         O       CATC         American Set       WETLA         X       SPOT EI         X       54.83       SPOT EI         X       TOP & BC         CON       CON	
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	It's fa PROJECT NA DRAWN BY: CHECKED B DATE: CAD I.D.: PROJECT: PROJECT: ST	END PROPOSED	LEG RTY LINE BACK MENT JRB MANHOLE MANHOLE MANHOLE H BASIN ND FLAG ND LINE EVATION DTTOM OF JRB TOUR ARROW	TYPICAL         EXISTING       PROPE         PROPE       SET         SET       EASE         CO       STORM         Image: Solution of the set of	
E E   W WATER LINE   W WATER LINE   W WATER LINE   W OVERHEAD WIRE   OH OH   OH <td< td=""><td>E E   W WATER LINE   W WATER LINE   W W   OH OVERHEAD WIRE   OH OH   OH OH</td><td>E E   W WATER LINE   W WATER LINE   W WATER LINE   W W   OV OVERHEAD WIRE   OH OH   OH</td><td>It's fa PROJECT NA DRAWN BY: CHECKED B DATE: CAD I.D.: PROJECT: PROJECT: ST</td><td>END PROPOSED</td><td>LEG RTY LINE BACK EMENT JRB MANHOLE MANHOLE MANHOLE H BASIN ND FLAG ND LINE EVATION DTTOM OF JRB TOUR ARROW D ARROW</td><td>TYPICAL         EXISTING       PROPE         PROPE       SET         SET       CATC         Ø       STORM         Ø       SPOTEI         × 7C 54.58       TOP &amp; BR         G 53.78       CON         – 53       CON         FLOW       PAINTER</td><td></td></td<>	E E   W WATER LINE   W WATER LINE   W W   OH OVERHEAD WIRE   OH OH	E E   W WATER LINE   W WATER LINE   W WATER LINE   W W   OV OVERHEAD WIRE   OH OH   OH	It's fa PROJECT NA DRAWN BY: CHECKED B DATE: CAD I.D.: PROJECT: PROJECT: ST	END PROPOSED	LEG RTY LINE BACK EMENT JRB MANHOLE MANHOLE MANHOLE H BASIN ND FLAG ND LINE EVATION DTTOM OF JRB TOUR ARROW D ARROW	TYPICAL         EXISTING       PROPE         PROPE       SET         SET       CATC         Ø       STORM         Ø       SPOTEI         × 7C 54.58       TOP & BR         G 53.78       CON         – 53       CON         FLOW       PAINTER	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Image: Section of Caller       Image: Section	It's fa PROJECT NA DRAWN BY: CHECKED B DATE: CAD I.D.: PROJECT: PROJECT: ST	PROPOSED	LEG RTY LINE BACK MENT JRB MANHOLE MANHOLE MANHOLE H BASIN ND FLAG ND LINE EVATION DTTOM OF JRB TOUR ARROW D ARROW E LINE	TYPICAL         EXISTING       PROPE         PROPE       SET         SET       CO         Ø       STORM         Ø       SPOTEN         Ø       STOP & BU         Ø       STOP & BU         Ø       STOP & BU         Ø       STOP & BU         Ø	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Image: Second Secon	Image: Second secon	It's fa PROJECT NO DRAWN BY: CHECKED B DATE: CAD I.D.: PROJECT: PROJECT: ST	PROPOSED	LEG RTY LINE BACK MENT JRB MANHOLE MANHOLE MANHOLE MANHOLE H BASIN ND FLAG ND LINE EVATION DTTOM OF JRB TOUR ARROW D ARROW E LINE LINE ONE LINE	TYPICAL         EXISTING       PROPE         PROPE       SET         SET       SET         SET       CATC         Ø       STORM         Ø       SEWER         Ø       CATC         Ø       SPOT EI         × 54.83       SPOT EI         × 7C 54.58       TOP & BI         G 53.78       CON         S       FLOW         S       PAINTEI         G       GAS         7       TELEPH	
Storm Pipe   Solution   Image: Storm Pipe	STORM PIPE   STORM PIPE   SANITARY LINE   SANITARY LINE   PARKING COUNT   PARKING COUNT   PARKING COUNT   ILIGHT POLE   GUIDE RAIL   T   GUIDE RAIL	STORM PIPE   SANITARY LINE   SANITARY LINE   SANITARY LINE   PARKING COUNT   PARKING COUNT   PARKING COUNT   SIGN	It's fa PROJECT NO DRAWN BY: CHECKED B DATE: CAD I.D.: PROJECT: PROJECT: SCOURTS	PROPOSED	LEGI RTY LINE BACK MENT JRB MANHOLE MANHOLE MANHOLE MANHOLE H BASIN ND FLAG ND LINE EVATION DTTOM OF JRB TOUR ARROW D ARROW E LINE LINE ONE LINE RIC LINE	TYPICAL         EXISTING       PROPE         PROPE       SET         SET       SET         CATC       CATC         Image: Set s	
M     PARKING COUNT     ④       M     SIGN     →       M     LIGHT POLE     I       GUIDE RAIL     I     I	Image: second secon	Image: second secon	It's fa PROJECT NO PROJECT NO PROJECT NO DAWN BY: CHECKED B DATE: CAD I.D.: PROJECT: SCO PROJECT:	PROPOSED	LEG RTY LINE BACK MENT JRB MANHOLE MANHOLE MANHOLE H BASIN ND FLAG ND LINE EVATION DTTOM OF JRB TOUR ARROW D ARROW E LINE LINE ONE LINE RIC LINE RIC LINE	TYPICAL         EXISTING       PROPE         PROPE       SET         SET       EASE         CO       STORM         Image: Set of the	
→     SIGN     →       ↔     LIGHT POLE     ►       GUIDE RAIL <b>T 3</b> ✓     UTHUT(DOLE)     Ø	→     SIGN     →       ↔     LIGHT POLE     ➡       GUIDE RAIL <b>T 3</b> ✓     HEILITY (DOLE) <b>6</b>	IIGHT POLE     IIGHT POLE       GUIDE RAIL     IIGHT       Ø     UTILITY POLE	It's fa	PROPOSED	LEGI RTY LINE BACK MENT JRB MANHOLE MA	TYPICAL         EXISTING       PROPE         PROPE       SET         SET       SET         CO       STORM         Image: Image	
Image: Note of the second s	Ilight Pole     Image: Source state       Guide Rail     Image: Source state	Image: Constraint of the second se	It's fa	PROPOSED	LEGI RTY LINE BACK MENT JRB MANHOLE MANHOLE MANHOLE H BASIN ND FLAG ND LINE EVATION OTTOM OF JRB TOUR ARROW D ARROW E LINE LINE ONE LINE CONE LINE RIC LINE RIC LINE RIC LINE RIC LINE RIC LINE RIC LINE RIC LINE	TYPICAL         EXISTING       PROPE         PROPE       SET         SET       CATC         Image: Catcol	
GUIDE RAIL T T 3 SOUT	GUIDE RAIL T T 39 SOUT	GUIDE RAIL     Image: Total state     Image: Source state       Ø     UTILITY POLE     Ø	It's fa PROJECT NO PROJECT NO PROJECT NO DRAWN BY: CHECKED B DATE: CAD I.D.: PROJECT: SCO CAD I.D.: CAD I.D.: COMPANY CAD I.D.: CAD I.D.: C	PROPOSED         Image: Constraint of the second s	LEG RTY LINE BACK MENT JRB MANHOLE MANHOLE MANHOLE H BASIN ND FLAG ND LINE EVATION DTOM OF JRB TOUR ARROW D ARROW E LINE LINE ONE LINE RIC LINE R	TYPICAL         EXISTING       PROPE         PROPE       SET         EASE       CCI         Ø       STORM         Ø       SEWER         Ø       CATC         Ø       SEVER         Ø       CATC         Ø       SPOT EI         × 54.83       SPOT EI         × 7C 54.58       TOP & BI         G 53.78       CON         STOP & BI       CI         STOP       CI         FLOW       FLOW         G       GAS         7       TELEPH         E       ELECT         W       WATE         ØH       OVERHI         ØH       SANIT/	
SOUT	SOUT	Ø     UTILITY POLE     Ø     SOUT	It's fa PROJECT NO PROJECT NO PROJECT NO DATE: CAD I.D.: PROJECT: SCO CAD I.D.: CAD I.D.: COMPANY CAD I.D.: CAD I.D.: C	PROPOSED	LEG RTY LINE BACK EMENT JRB MANHOLE MANHOL	TYPICAL         EXISTING       PROPE         PROPE       SET         SET       CATC         Image: Catcol       Catcol         Image: Catcol       VETLA	
			It's fa PROJECT NO PROJECT NO PROJECT NO DATE: CAD I.D.: PROJECT: PROJECT: OR PROJECT: CAD I.D.: PROJECT: COMPANY CO	PROPOSED	LEG RTY LINE BACK MENT JRB MANHOLE	TYPICAL         EXISTING       PROPE         PROPE       SET         SET       EASE         O       STORM         S       SEWER         O       CATC         Amf#5       WETLA         X TC 54.58       TOP & B         G 53.78       CON         - 53       CON         - 53       CON         - 53       CON         - 6       GAS         - 7       TELEPH         - 6       GAS         - 7       TELEPH         - 7       VATE         - 7       SANITA	
		www.B	It's fa PROJECT NO DRAWN BY: CHECKED B DATE: CAD I.D.: PROJECT IN PROJECT IN PROJECT: BRO CAD I.D.: PROJECT: CAD I.D.: PROJECT: AND AND AND AND AND AND AND AND	PROPOSED	LEGI RTY LINE BACK BACK MENT JRB MANHOLE	TYPICAL         EXISTING       PROPE         PROPE       SET         SET       SET         EASE       CO         Ø       STORM         Ø       STORM         Ø       STORM         Ø       SEWER         Im       CATC         Ø       SEWER         Ø       SEWER         Ø       SEWER         Ø       SEWER         Ø       CATC         Ø       CATC         Ø       SEWER         Ø       SPOT EI         × 54.83       SPOT EI         × 7C 54.58       TOP & BR         G 53.78       CON         G 53.78       CON         G 6       GAS         7       TELEPH         E       SONT         Ø       OVERHI         I       SANIT         <	
			It's fa	PROPOSED	LEGI RTY LINE BACK BACK MENT JRB MANHOLE	TYPICAL         EXISTING       PROPE         PROPE       SET         SET       SET         EASE       CO         Ø       STORM         Ø       STORM         Ø       STORM         Ø       SEWER         Im       CATC         Ø       SEWER         Ø       SEWER         Ø       SEWER         Ø       SEWER         Ø       CATC         Ø       CATC         Ø       SEWER         Ø       SPOT EI         × 54.83       SPOT EI         × 7C 54.58       TOP & BR         G 53.78       CON         G 53.78       CON         G 6       GAS         7       TELEPH         E       SONT         Ø       OVERHI         I       SANIT         <	

**USE/ZONING INFORMATION & NOTES** 

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

**REFER TO LANDSCAPE NOTES & DETAILS SHEET FOR TYPICAL** LANDSCAPE NOTES AND DETAILS

REFER TO LIGHTING PLAN BY OTHERS FOR TYPICAL LIGHTING NOTES AND TABLES

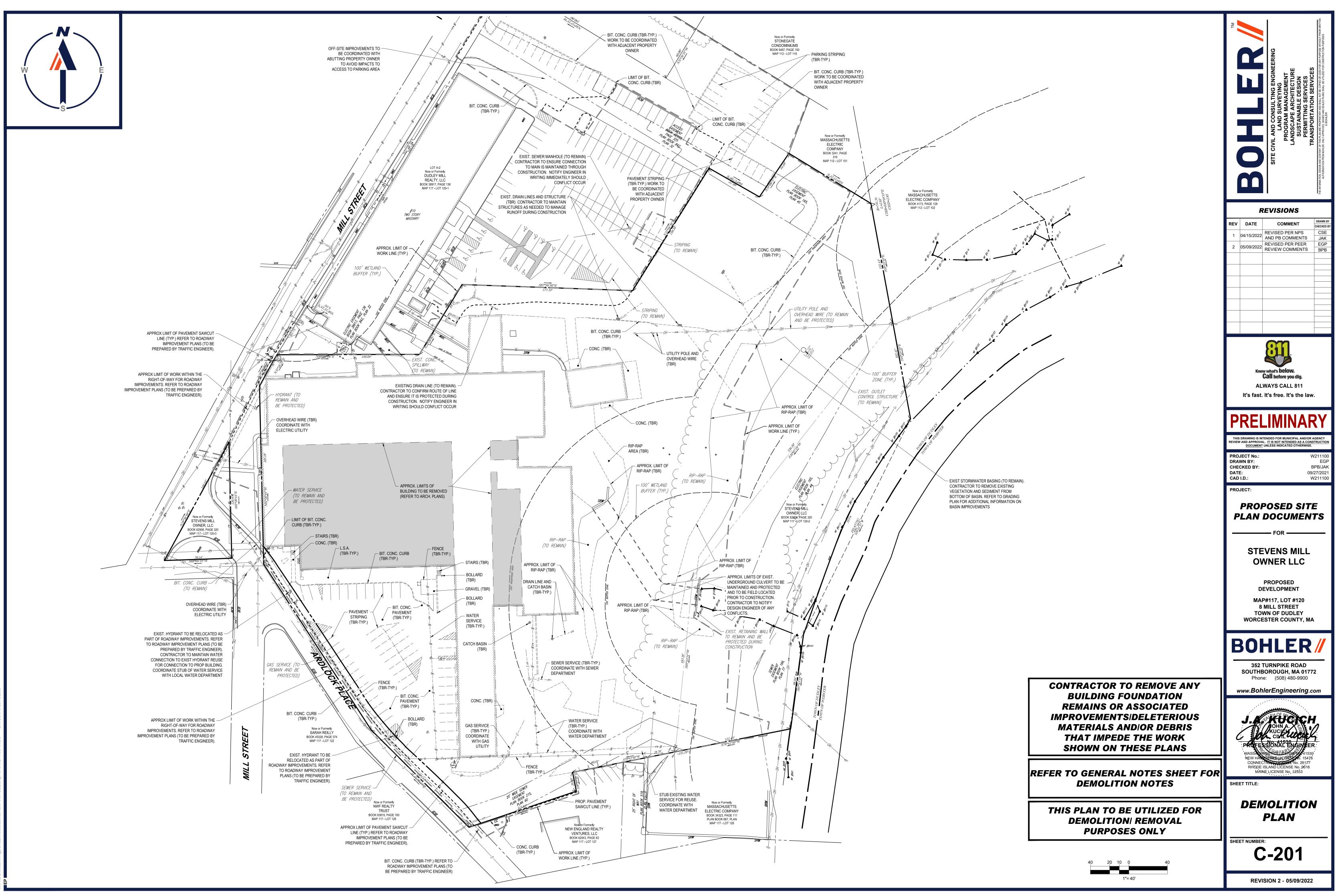
				THE INFO
		F	EVISIONS	
	REV	DATE	COMMENT	DRAWN BY CHECKED BY
	1	04/15/2022	REVISED PER NPS AND PB COMMENTS	CSE JAK
	2	05/09/2022	REVISED PER PEER REVIEW COMMENTS	EGP BPB
			<b>811</b>	
			w what's <b>below.</b> Call before you dig.	
			WAYS CALL 811	
		it's fast.	It's free. It's the law	
	D	REI		V
		AND APPROVA	TENDED FOR MUNICIPAL AND/OR A AL. IT IS NOT INTENDED AS A CONS UNLESS INDICATED OTHERWISE.	
		JECT No.: WN BY:	W	V211100 EGP
	CHE DATE CAD		09/	3PB/JAK 27/2021 211100
			V	v211100
	I RU	JECT:		
				5
_		PROI	POSED SITI DOCUMEN'	
		PROI		
		PROI 2LAN	<b>DOCUMEN</b>	
		PROI LAN	DOCUMEN' 	
		PROI LAN	<b>DOCUMEN</b>	
		PROI LAN STE OV	DOCUMEN' 	
		PROI CLAN STE OV	DOCUMEN	
		PROI PROI PLAN STE OV	DOCUMEN FOR	<b>TS</b>
		PROI PROI PLAN STE OV	DOCUMEN FOR VENS MILL VNER LLC PROPOSED EVELOPMENT P#117, LOT #120 MILL STREET	<b>TS</b>
	P	PROI PROI PLAN STE OV D MAI 8 TO WORCE	DOCUMEN FOR FOR VENS MILL VNER LLC PROPOSED EVELOPMENT P#117, LOT #120 MILL STREET WN OF DUDLEY ESTER COUNTY, MA	<b>TS</b>
	P	PROI D STE OV D MAI 8 TO WORCE	DOCUMEN FOR FOR VENS MILL VNER LLC PROPOSED EVELOPMENT P#117, LOT #120 MILL STREET WN OF DUDLEY ESTER COUNTY, MA	<b>TS</b>
	P	PROI PROI STE OV D MAI 8 TO WORCE BOI	DOCUMEN FOR FOR VENS MILL VENS MILL VNER LLC PROPOSED EVELOPMENT P#117, LOT #120 MILL STREET WN OF DUDLEY ESTER COUNTY, MA HLER TURNPIKE ROAD SOROUGH, MA 0177	TS
	P 	PROI PROI STE OV D MAI 8 TO WORCE BOI SOUTHE Phon	DOCUMEN FOR FOR VENS MILL VENS MILL VENS MILL PROPOSED EVELOPMENT P#117, LOT #120 MILL STREET WN OF DUDLEY ESTER COUNTY, MA HLER TURNPIKE ROAD SOROUGH, MA 0177 e: (508) 480-9900	<b>TS</b>
	P 	PROI PROI STE OV D MAI 8 TO WORCE BOI SOUTHE Phon	DOCUMEN FOR FOR VENS MILL VENS MILL VNER LLC PROPOSED EVELOPMENT P#117, LOT #120 MILL STREET WN OF DUDLEY ESTER COUNTY, MA HLER TURNPIKE ROAD SOROUGH, MA 0177	<b>TS</b>
	P 	PROI PROI STE OV D MAI 8 TO WORCE BOI SOUTHE Phon	DOCUMEN FOR FOR VENS MILL VENS MILL VENS MILL PROPOSED EVELOPMENT P#117, LOT #120 MILL STREET WN OF DUDLEY ESTER COUNTY, MA HLER TURNPIKE ROAD SOROUGH, MA 0177 e: (508) 480-9900	<b>TS</b>
	P 	PROI PROI STE OV D MAI 8 TO WORCE BOI SOUTHE Phon	DOCUMEN FOR FOR VENS MILL VENS MILL VENS MILL PROPOSED EVELOPMENT P#117, LOT #120 MILL STREET WN OF DUDLEY ESTER COUNTY, MA HLER TURNPIKE ROAD SOROUGH, MA 0177 e: (508) 480-9900	<b>TS</b>
	P 	PROI PROI STE OV D MAI 8 TO WORCE BOI SOUTHE Phon	DOCUMEN FOR FOR VENS MILL VENS MILL VENS MILL PROPOSED EVELOPMENT P#117, LOT #120 MILL STREET WN OF DUDLEY ESTER COUNTY, MA HLER TURNPIKE ROAD SOROUGH, MA 0177 e: (508) 480-9900	<b>TS</b>
	P 	PROLAN STE OV D MAI 8 TO WORCE BOI 352 SOUTHE Phon WW.BOM	DOCUMEN FOR FOR VENS MILL VENS MILL VNER LLC PROPOSED EVELOPMENT P#117, LOT #120 MILL STREET WN OF DUDLEY STER COUNTY, MA HLER TURNPIKE ROAD SOROUGH, MA 0177 e: (508) 480-9900 IerEngineering.c VICE CIVILIANCE NOTAL ENGINEER	<b>7S</b> 2 om
	P 	PROLAN STE OV D MAI 8 TO WORCE BOO SOUTHE Phon WWW.BOM	DOCUMEN FOR FOR VENS MILL VENS MILL VNER LLC PROPOSED EVELOPMENT P#117, LOT #120 MILL STREET WN OF DUDLEY STER COUNTY, MA HLER TURNPIKE ROAD SOROUGH, MA 0177 e: (508) 480-9900 IerEngineering.c VICE CIVILIANCE NOTAL ENGINEER	<b>7S</b> 2 om
	P 	PROLAN STE OV D MAI 8 TO WORCE BOO SOUTHE Phon WWW.BOM	DOCUMEN FOR FOR VENS MILL VENS MILL VNER LLC PROPOSED EVELOPMENT P#117, LOT #120 MILL STREET WN OF DUDLEY STER COUNTY, MA HLER URNPIKE ROAD SOROUGH, MA 0177 e: (508) 480-9900 JerEngineering.c VENS MALENCINEER SOROUGH, MA 0177 e: (508) 480-9900 JerEngineering.c	<b>7S</b> 2 om
	P 		DOCUMEN FOR FOR VENS MILL VENS MILL VNER LLC PROPOSED EVELOPMENT P#117, LOT #120 MILL STREET WN OF DUDLEY STER COUNTY, MA HLER URNPIKE ROAD SOROUGH, MA 0177 e: (508) 480-9900 JerEngineering.c VENS MALENCINEER SOROUGH, MA 0177 e: (508) 480-9900 JerEngineering.c	<b>7S</b> 2 om

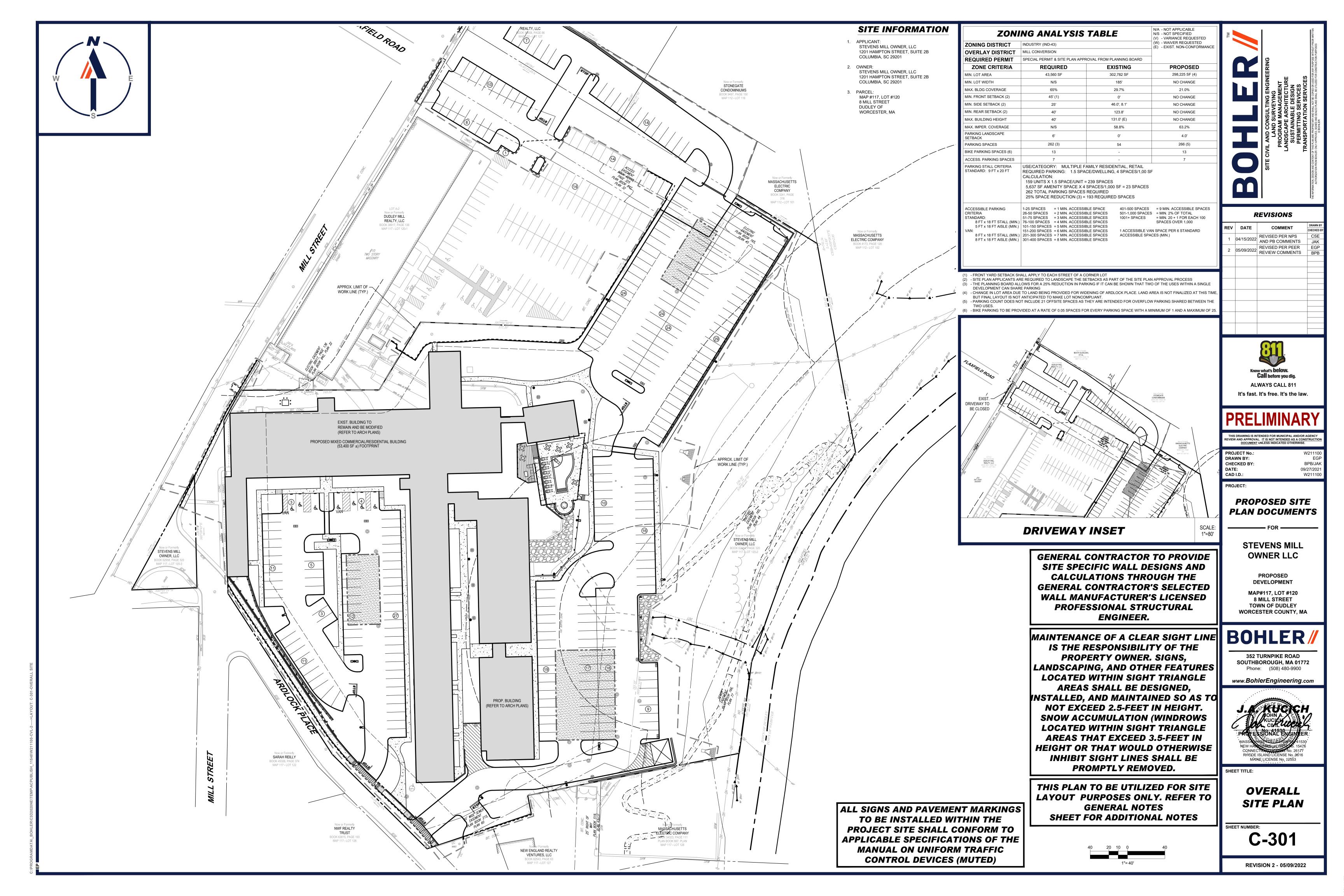
**C-102 REVISION 2 - 05/09/2022** 

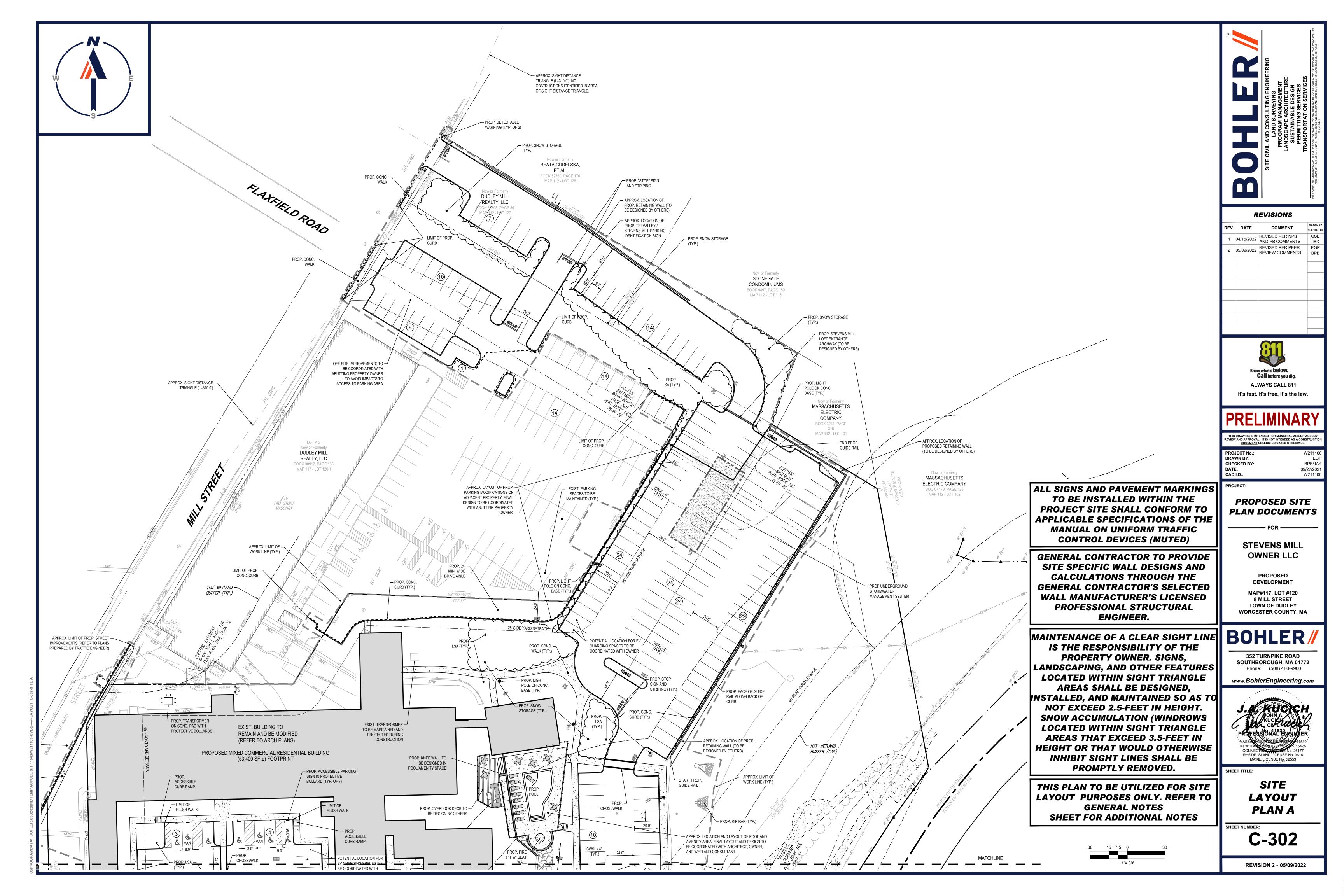
SHEET NUMBE

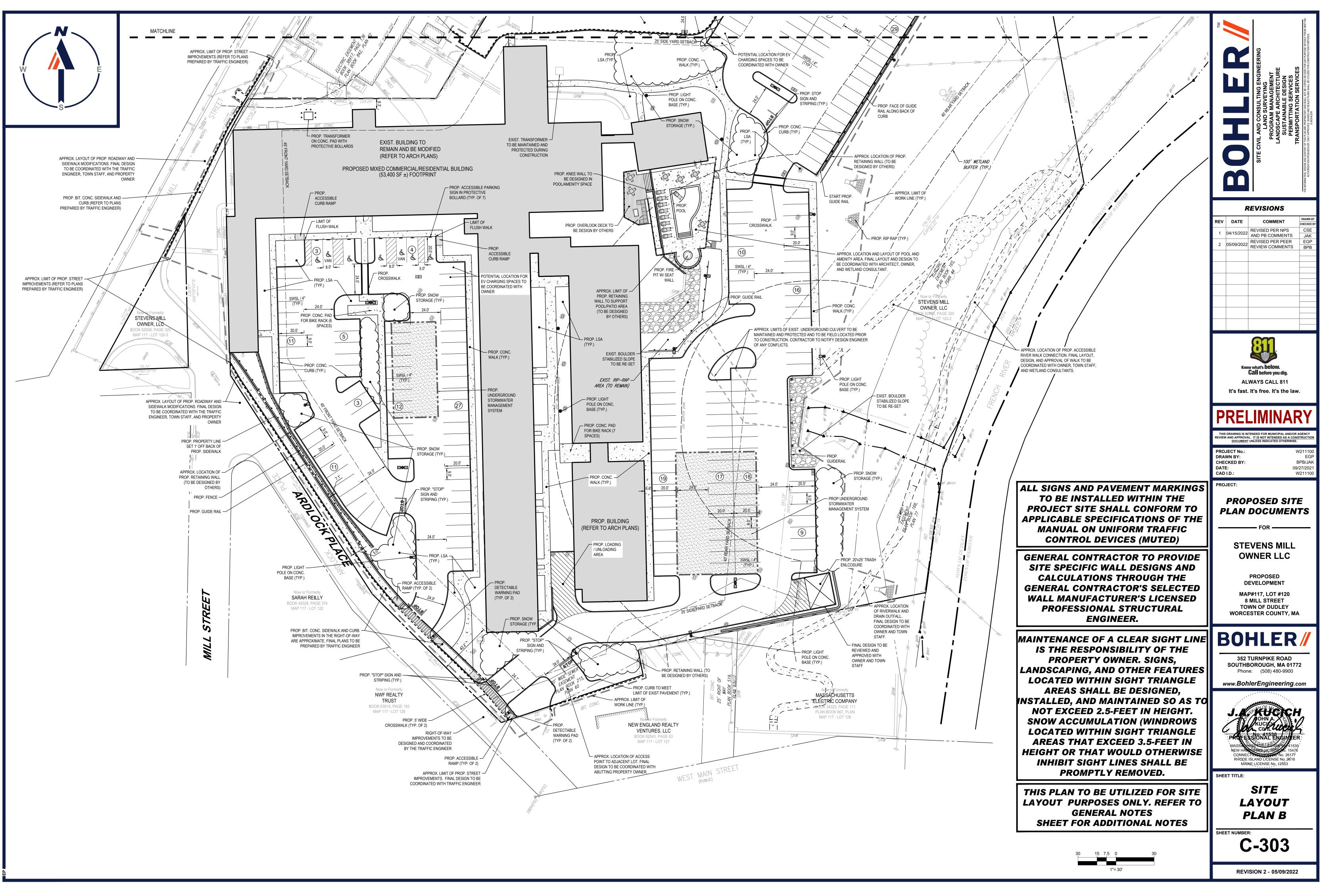
NOTES

SHEET

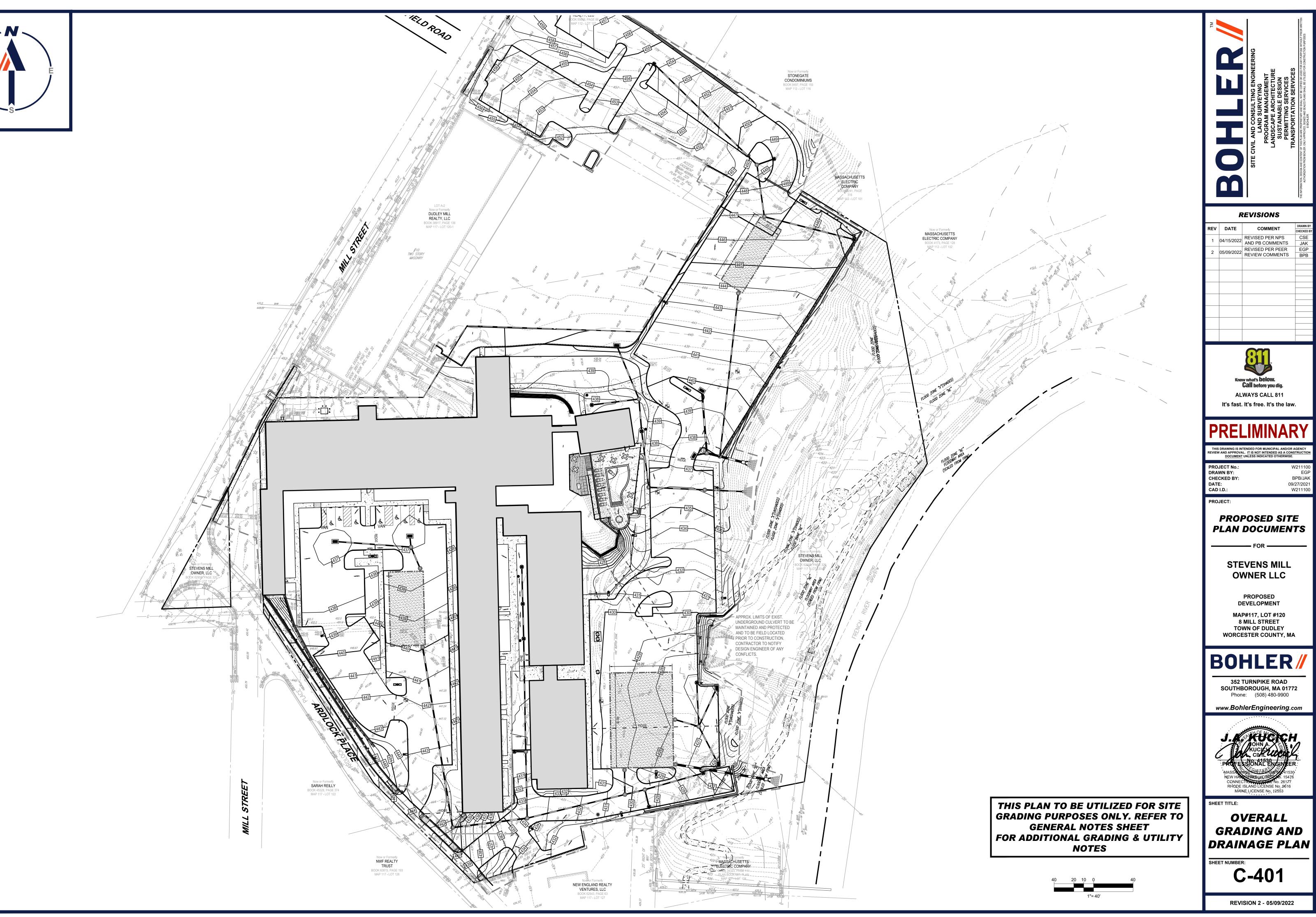


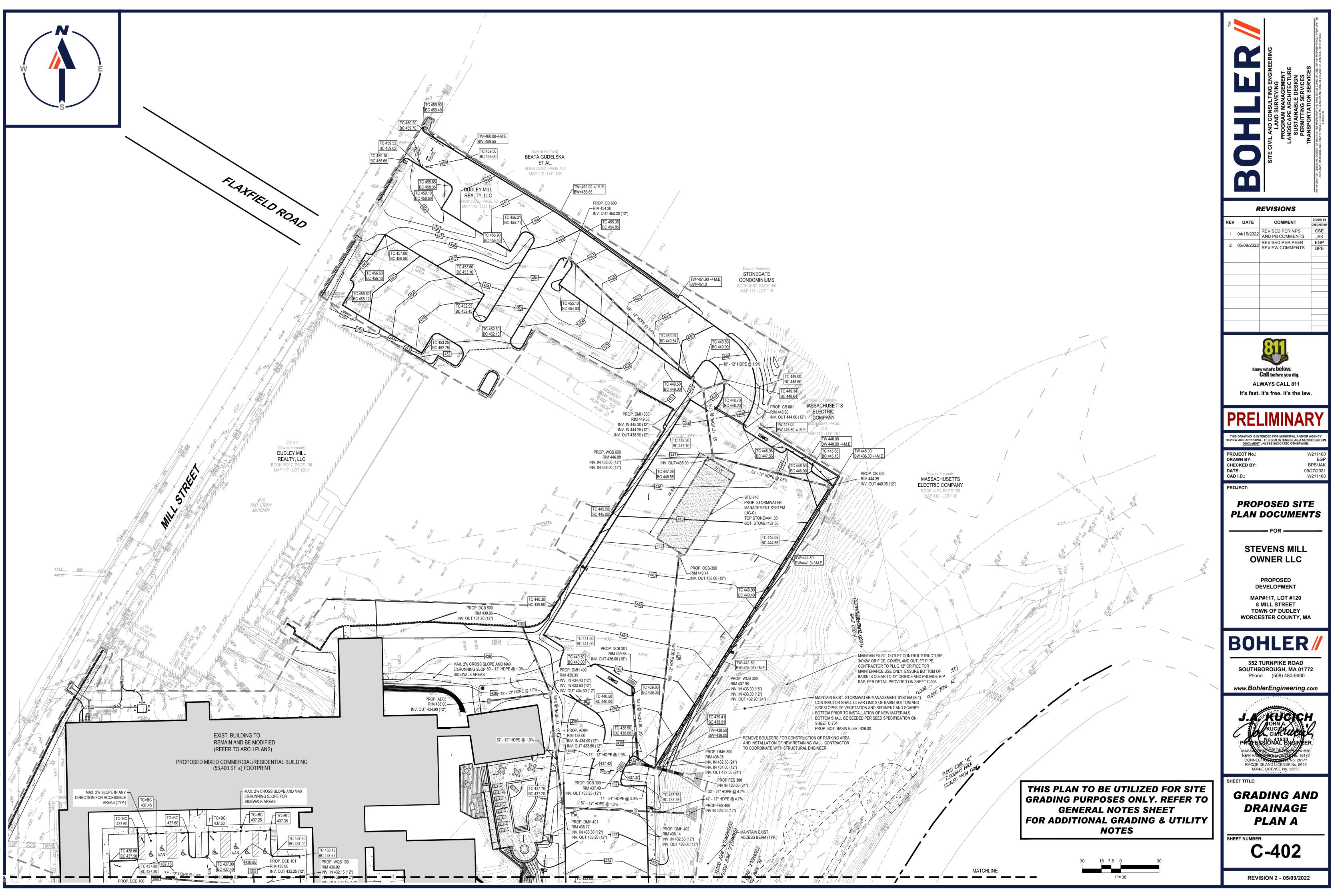




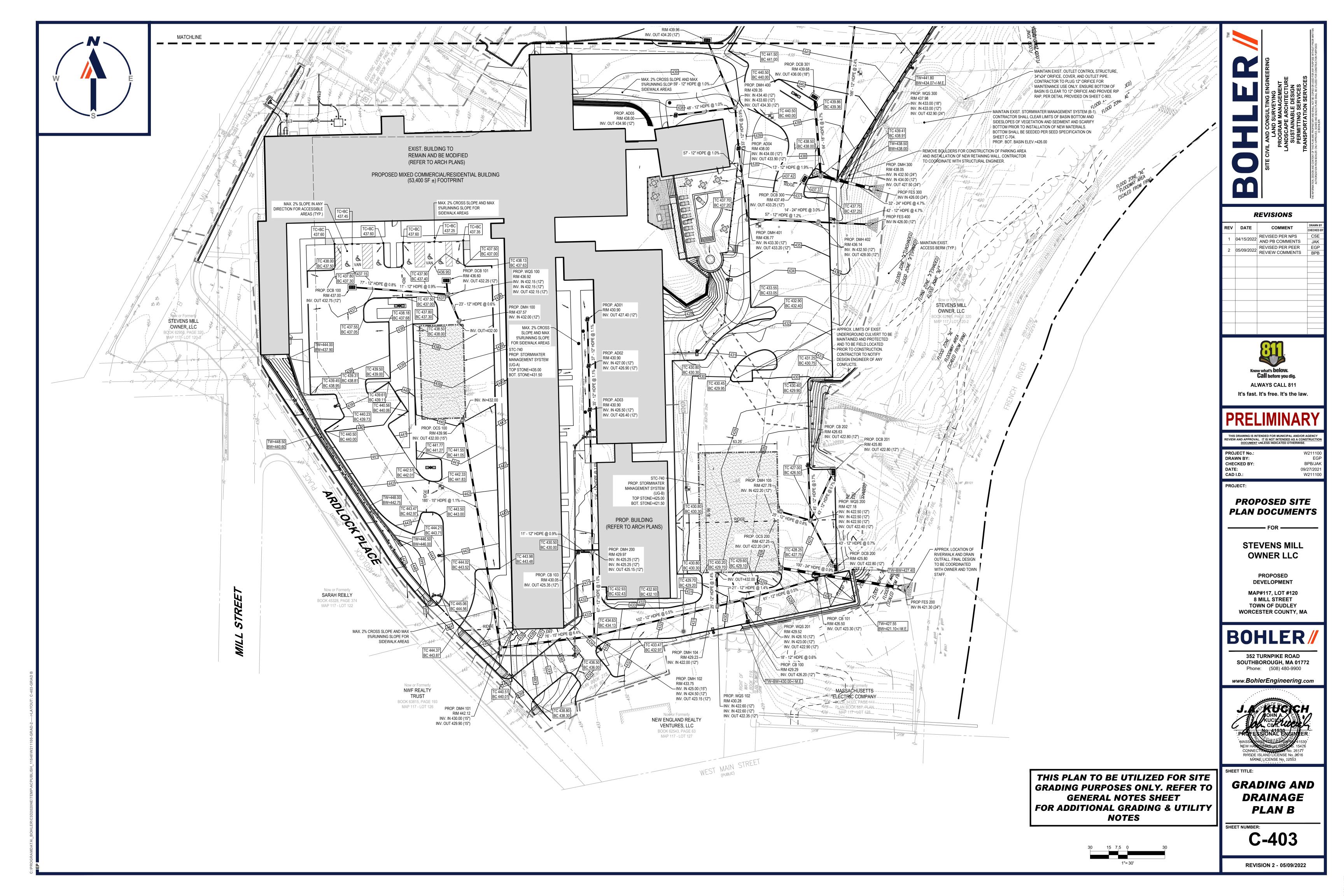


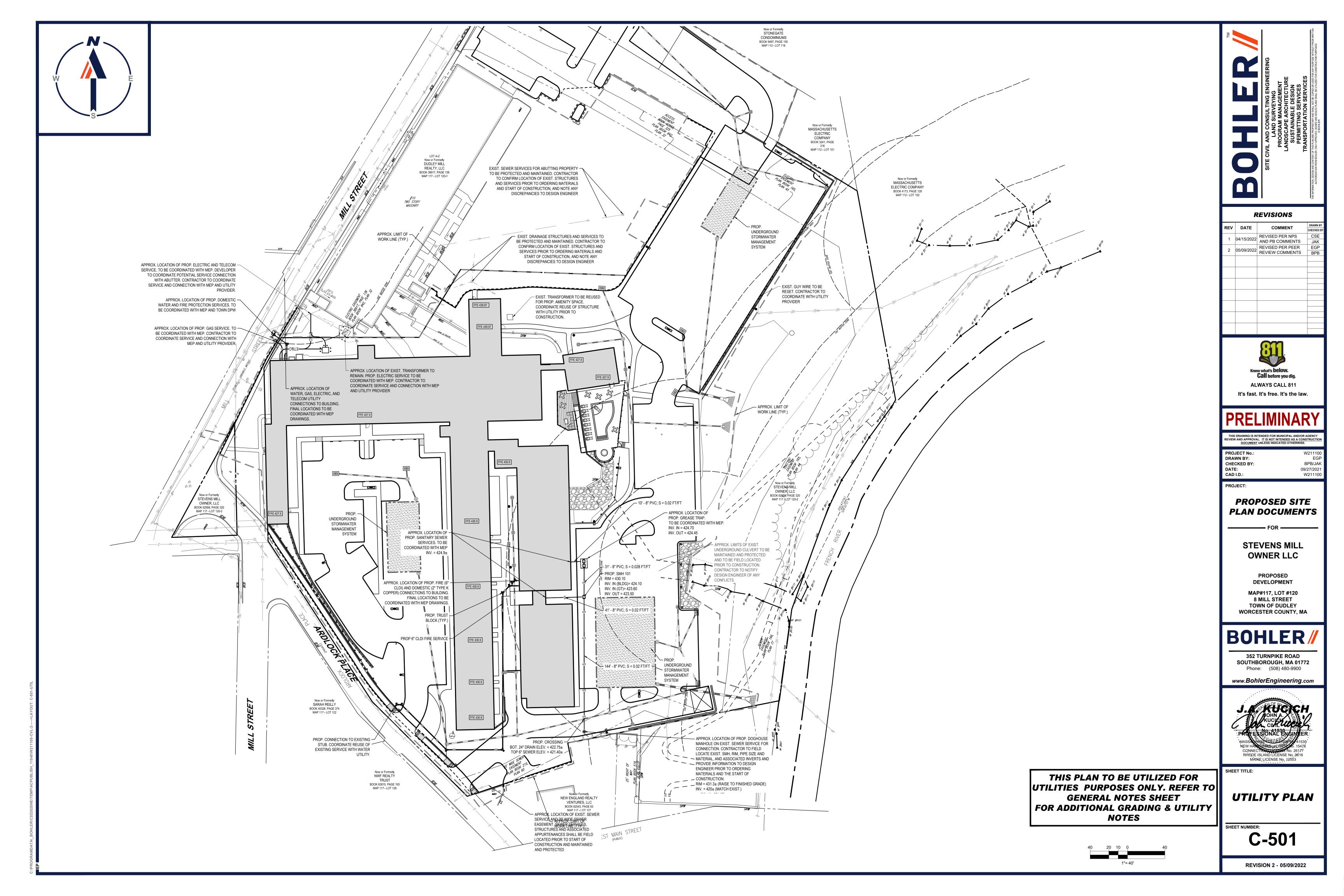


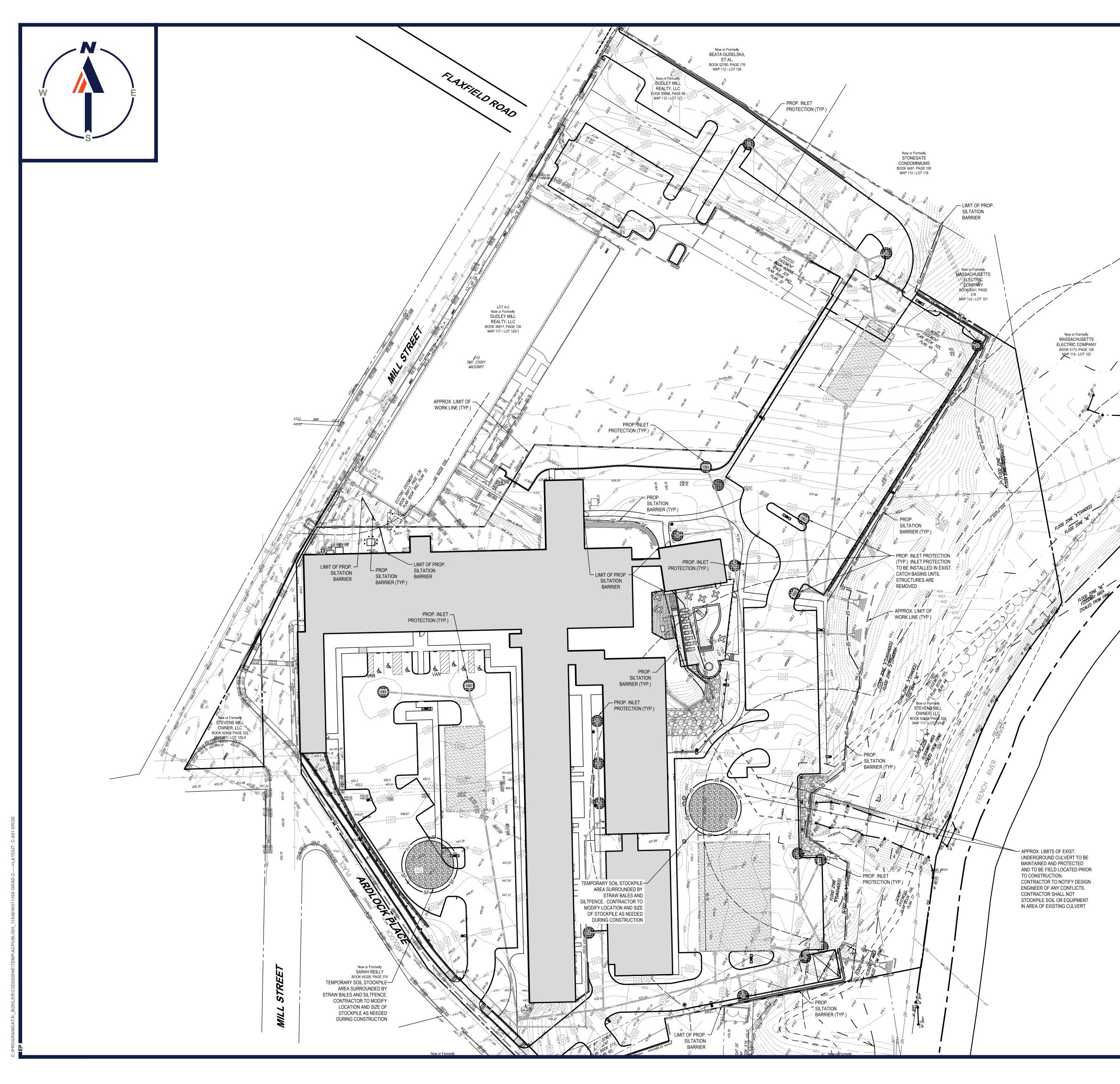




JGRAMDATA\\_BOHLER\C3D2020NE\TEMP\ACPUBLISH\_11548\W211100-GRAD-2----->LAYOUT; C-4

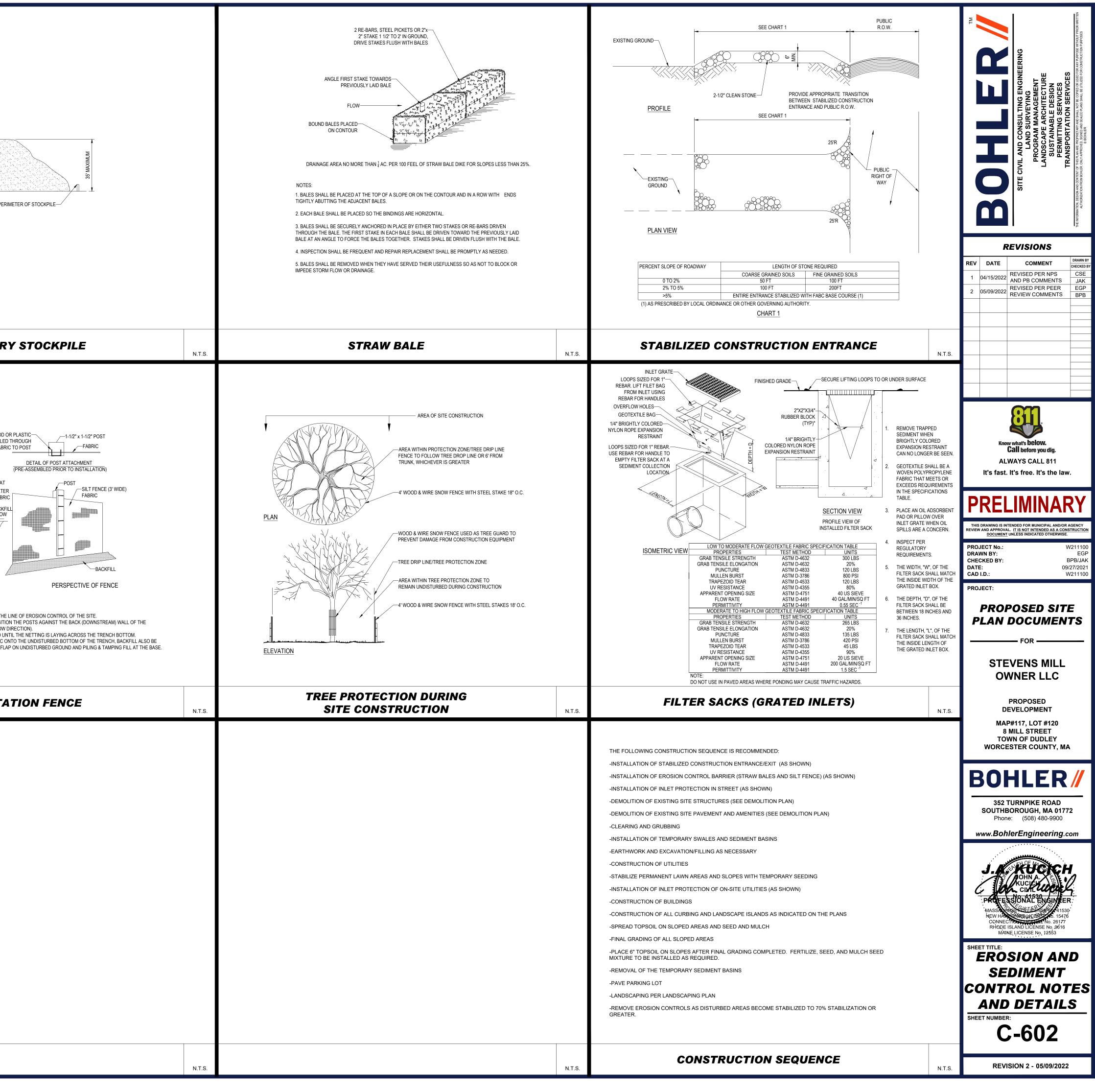


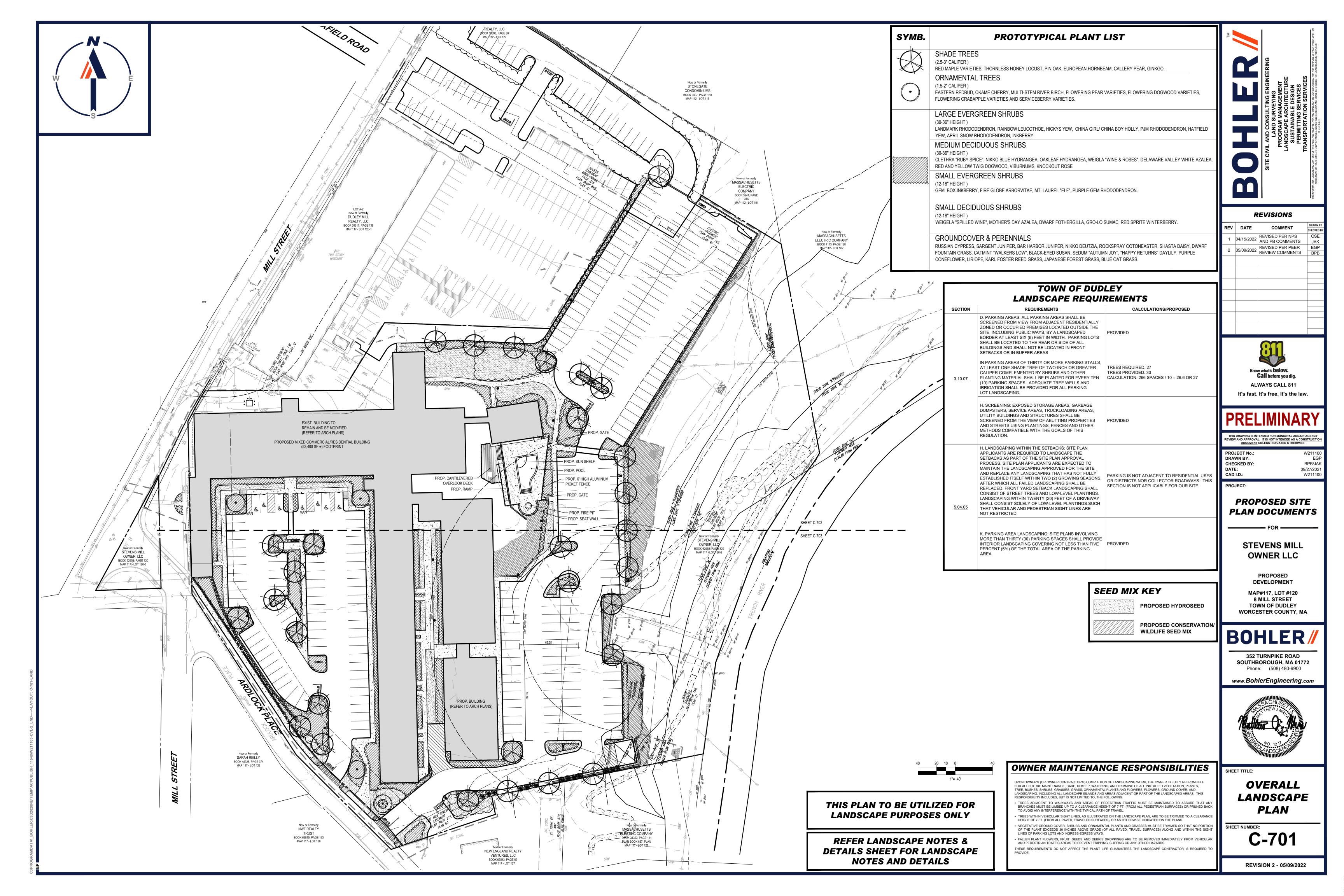


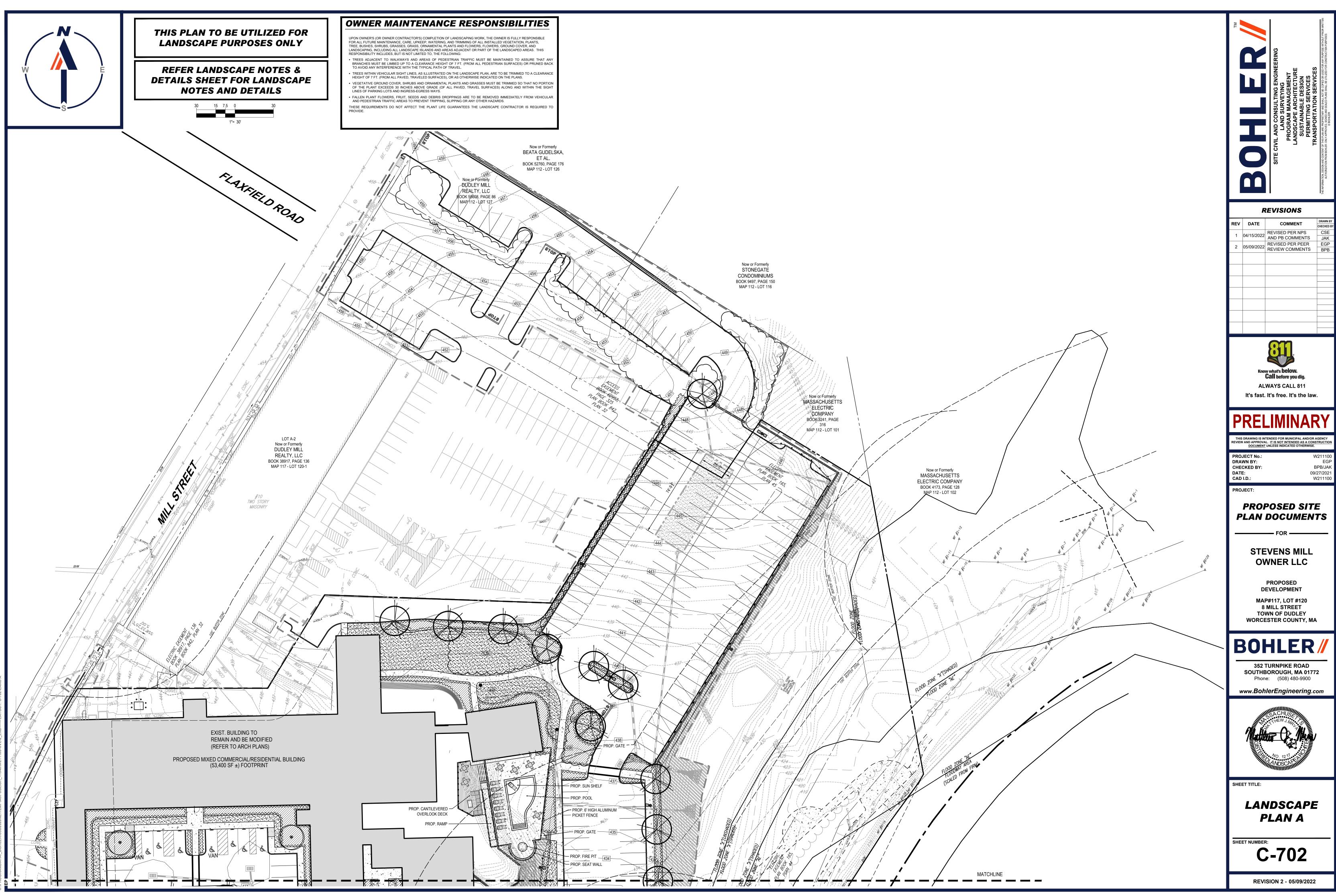


	<b>BOHLER</b>	SITE CIVIL AND CONSULTING ENGINEERING LAND SURVEYING PROGRAM MANAGEMENT LANDSCAPE ARCHITECTURE SUSTAINABLE DESIGN PERMITTING SERVICES TRANSPORTATION SERVICES TRANSPORTERTAY AND SHALL NOT BE COPED OR USED FOR ANY PURPOSE MITHORIZATION FOR THIS PLAN ARE FROM FIETARY AND SHALL NOT BE COPED OR USED FOR ANY PURPOSE ANTHORIZATION FOR AND SHALL NOT BE COPED OR USED FOR ANY PURPOSE ANTHORIZATION FOR AND SHALL NOT BE COPED OR USED FOR ANY PURPOSE BORLER.
	R	EVISIONS
	REV DATE	COMMENT DRAWN BY CHECKED BY
	1 04/15/2022	REVISED PER NPSCSEAND PB COMMENTSJAKREVISED PER PEEREGP
		REVIEW COMMENTS BPB
the state of the s		
HAR OH	Knov	w what's below.
		<b>Call</b> before you dig. WAYS CALL 811
	It's fast.	It's free. It's the law.
	PRFI	
		TENDED FOR MUNICIPAL AND/OR AGENCY
	REVIEW AND APPROVAL DOCUMENT	L. <u>IT IS NOT INTENDED AS A CONSTRUCTION</u> UNLESS INDICATED OTHERWISE.
	PROJECT No.: DRAWN BY: CHECKED BY:	W211100 EGP BPB/JAK
	DATE: CAD I.D.:	09/27/2021 W211100
		POSED SITE DOCUMENTS
		VENS MILL VNER LLC
		PROPOSED
		EVELOPMENT P#117, LOT #120
	тои	MILL STREET WN OF DUDLEY
		STER COUNTY, MA
		URNPIKE ROAD SOROUGH, MA 01772
	Phone	e: (508) 480-9900 IerEngineering.com
	PROTES MASSACH NEW HAD	KUCICIC CONTRACTOR CON
THIS PLAN TO BE UTILIZED FOR SITE SOIL AND EROSION CONTROL	RHODE I MAIN	IIICENSE No. 26177 ISLAND LICENSE No. 9616 NE LICENSE No. 12553
PURPOSES ONLY	SHEET TITLE:	
		EROSION & DIMENT
REFER TO SOIL FROSION CONTROL		
REFER TO SOIL EROSION CONTROL NOTES & DETAIL SHEET FOR EROSION NOTES AND DETAILS	_	ROL PLAN
	<b>CONT</b> SHEET NUMBER	ROL PLAN

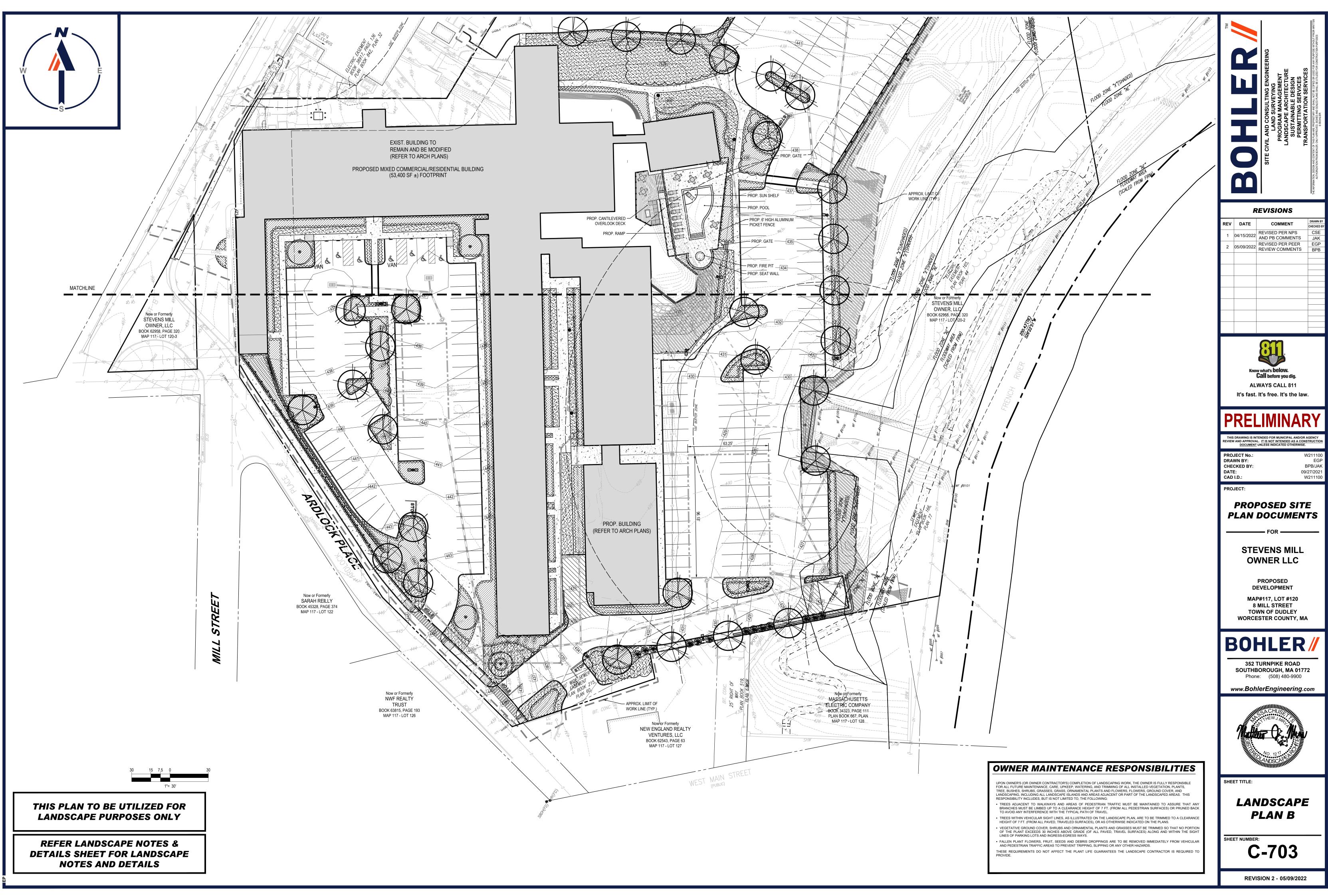
EROSION AI	ND SEDIMENT CONT	ROL NOTES	
1. ALL SEDIMENT AND EF EROSION CONTROL M		IE AS SET FORTH IN THE MOST CURRENT STATE SEDIMENT AND	
TIME. AREAS SHALL BI DAYS OF INITIAL DISTU	E PERMANENTLY STABILIZED WITHIN 15 DAYS	T IN AN UNTREATED OR UNVEGETATED CONDITION FOR A MINIMUM S OF FINAL GRADING AND TEMPORARILY STABILIZED WITHIN 30 IS WITHIN 100 FEET OF A STREAM OR POND, THE AREA SHALL BE WOULD INCLUDE WETLANDS).	
CONTRIBUTING DRAIN		LD BE INSTALLED PRIOR TO ANY SOIL DISTURBANCE OF THE HALL BE USED TO ANCHOR MULCH IN ALL AREAS WITH SLOPES & ALL SLOPES GREATER THAN 8%.	
	ARRIER AT TOE OF SLOPE TO FILTER SILT FRO TON BARRIER WILL REMAIN IN PLACE PER NO	OM RUNOFF. SEE SILTATION BARRIER DETAILS FOR PROPER DTE #5.	
5. ALL EROSION CONTRO FOLLOWING ANY SIGN DECOMPOSITION. SED DEPOSITS REACH APP	DL STRUCTURES WILL BE INSPECTED, REPLA IIFICANT RAINFALL OR SNOW MELT OR WHEN DIMENT DEPOSITS SHOULD BE REMOVED AFT	CED AND/OR REPAIRED EVERY 7 DAYS AND IMMEDIATELY I NO LONGER SERVICEABLE DUE TO SEDIMENT ACCUMULATION OR ER EACH STORM EVENT. THEY MUST BE REMOVED WHEN E BARRIER. SEDIMENT CONTROL DEVICES SHALL REMAIN IN PLACE	1:3 MAXIMUM SLOPE
	ERMANENT OR TEMPORARY, SHALL BE STEE		1
	EDING MAY BE ATTEMPTED AS WELL) TO PRO	45 DAYS PRIOR TO THE FIRST KILLING FROST, USE TEMPORARY DTECT THE SITE AND DELAY SEEDING UNTIL THE NEXT	
· · · · · · · · · · · · · · · · ·	OF DISTURBED AREAS THAT HAVE NOT BEE TO PROTECT FROM SPRING RUNOFF PROBLE	N FINAL GRADED SHALL BE COMPLETED 45 DAYS PRIOR TO THE EMS.	CONSTRUCT SILT FENCE AROUND PE
		L BE RETURNED TO THE SITE AND REGRADED ONTO OPEN AREAS.	
		OF CONSTRUCTION EXCEPT AS NOTED ABOVE. ALL DISTURBED D, AND PREPARED FOR FINAL SEEDING AS FOLLOWS:	
		AS AND SMOOTHED TO A UNIFORM SURFACE. T. IF SOIL TESTING IS NOT FEASIBLE ON SMALL OR VARIABLE SITES.	
OR WHERE TIMIN 10-20-20 OR EQUI	G IS CRITICAL, FERTILIZER MAY BE APPLIED A	AT THE RATE OF 800 LB PER ACRE OR 18.4 LB PER 1,000 SF USING ALENT TO 50% CALCIUM PLUS MAGNESIUM OXIDE) AT A RATE OF 3	
FESCUE, 5% RED KENTUCKY BLUE-	TOP, AND 48% TALL FESCUE. THE LAWN AREA	OPES WILL BE SEEDED TO A MIXTURE OF 47% CREEPING RED AS WILL BE SEEDED TO A PREMIUM TURF MIXTURE OF 44% 2% PERENNIAL RYEGRASS: SEEDING RATE IS 1.03 LBS PER 1,000 SF	
	,	DRO-APPLICATION OF WOOD OR PAPER FIBER SHALL BE APPLIED . OR RMB PLUS WILL BE USED ON STRAW MULCH FOR WIND	
11. ALL TEMPORARY ERO	SION CONTROL MEASURES SHALL BE REMOV	/ED ONCE THE SITE IS STABILIZED.	TEMPORAR
	ROTECTED W/ STRAW, COMPOST, AND/OR SI ETLAND DISTURBANCE.	LT FENCE BARRIERS INSTALLED AT THE EDGE OF THE WETLAND OR	
		I SHALL HAVE AN EXPOSURE WINDOW OF NOT MORE THAN 7 DAYS.	
-	0 FEET OF A FLAGGED WETLAND OR STREAM M IF NOT BEING ACTIVELY WORKED,	I SHALL FOLLOW APPROPRIATE EROSION CONTROL MEASURES	
	MULCH	RATE (1000 SF)	
PROTECT AREA	STRAW	100 POUNDS	WOOD SLAT STAPLE
WINDY AREA	SHREDDED OR CHOPPED CORNSTALKS STRAW (ANCHORED)*	185-275 POUNDS 100 POUNDS	FABI
MODERATE TO HIGH VELOCITY AREAS OR STEEP SLOPES GREATER THAN 3:1	JUTE MESH OR EXCELSIOR MAT	AS REQUIRED	FILTER FABRIC POST SLAT
GREATER THAN 3:1	(REFER TO GEOTECHNICAL REPORT FOR F		FABF
RMB	IF WOOD, OR PAPER FIBER MAY BE APPLIED I	FOLLOWING SEEDING. A SUITABLE BINDER SUCH AS CURASOL OR	12" MIN. (12" MAX. IN ROCKY
MULCH ANCHORING ANCHOR MULCH WITH PEG LBS/ACRE); CHEMICAL TAC	G AND TWINE (1 SQ. YD/BLOCK); MULCH NETTI K (AS PER MANUFACTURER'S SPECIFICATION	ING (AS PER MANUFACTURER); WOOD CELLULOSE FIBER (750 NS); USE OF A SERRATED STRAIGHT DISK. WETTING FOR SMALL	SOIL.)
AREAS AND ROAD DITCHES		ING WINTER CONSTRUCTION	TOE-IN METHODS
1. WINTER CONSTRUCTION	ON PERIOD: NOVEMBER 1 THROUGH APRIL 1	5.	
2. WINTER EXCAVATION AT ANY ONE TIME.	AND EARTHWORK SHALL BE DONE SUCH TH	AT NO MORE THAN 1 ACRE OF THE SITE IS WITHOUT STABILIZATION	
3. EXPOSED AREA SHOU	ILD BE LIMITED TO THAT WHICH CAN BE MULO	CHED IN ONE DAY PRIOR TO ANY SNOW EVENT.	NOTES: 1. EXCAVATE A 6"x6" TRENCH ALONG THI 2. UNROLL SILTATION FENCE AND POSIT
	HAS BEEN STABILIZED SUCH THAT NO LARG	AS SHALL NOT BEGIN UNTIL THE EXPOSED SOIL SURFACE ON THE GER AREA OF THE SITE IS WITHOUT EROSION CONTROL	TRENCH (NET SIDE AWAY FROM FLOW 3. DRIVE THE POST INTO THE GROUND U 4. LAY THE TOE-IN FLAP OF THE FABRIC ACCOMPLISHED BY LAYING FABRIC FL
OR STRAW AT A RATE		N EXPOSED SURFACES HAVE BEEN EITHER MULCHED WITH STRAW R WITHOUT SEEDING) OR DORMANT SEEDED, MULCHED AND UE.	
FREEZING TEMPERATI AND MULCHED UNTIL EXPOSED AREA HAS E 300% HIGHER THAN SF WEATHER, ALL EXPOS PROTECTED FROM ER OTHER EXTENDED TIM CONDITIONS ALLOW D	URES THE SLOPES SHALL BE FINE GRADED A SUCH TIME AS THE FINAL TREATMENT CAN B BEEN LOAMED, FINAL GRADED AND IS SMOO PECIFIED FOR PERMANENT SEED AND THEN BED AREAS SHALL BE CONTINUOUSLY GRADE COSION BY THE APPLICATION OF MULCH. SLO ME OF WORK SUSPENSION UNLESS TREATED DITCHES TO BE FINISHED WITH THE PERMANE	EED WILL NOT BE REQUIRED. DURING PERIODS OF ABOVE ND EITHER PROTECTED WITH MULCH OR TEMPORARILY SEEDED E APPLIED. IF THE DATE IS AFTER NOVEMBER 1ST AND IF THE TH, THEN THE AREA MAY BE DORMANT SEEDED AT A RATE OF 200 - MULCHED. IF CONSTRUCTION CONTINUES DURING FREEZING ED BEFORE FREEZING AND THE SURFACE TEMPORARILY OPES SHALL NOT BE LEFT UNEXPOSED OVER THE WINTER OR ANY IN THE ABOVE MANNER. UNTIL SUCH TIME AS WEATHER ENT SURFACE TREATMENT, EROSION SHALL BE CONTROLLED BY	TYP. SILT
7. MULCHING REQUIREM		IN ACCORDANCE WITH THE STANDARD DETAILS.	
	ATES OF NOVEMBER 1ST AND APRIL 15TH ALL DD CELLULOSE FIBER.	MULCH SHALL BE ANCHORED BY EITHER PEG LINE, MULCH	
7.2. MULCH NETTING		RAINAGE WAYS WITH A SLOPE GREATER THAN 3% FOR SLOPE	
7.3. MULCH NETTING	SHALL BE USED TO ANCHOR MULCH IN ALL A	REAS WITH SLOPES GREATER THAN 15% AFTER OCTOBER 1ST THE	
8. AFTER NOVEMBER 1S		I SEEDING OR MULCH AND ANCHORING ON ALL BARE EARTH AT THE	
END OF EACH WORKIN		E REMOVED FROM AREAS OF SEEDING AND MULCHING PRIOR TO	
PLACEMENT.			
		RIALS, ETC.) MUST REMAIN COVERED AT ALL TIMES TO MINIMIZE TIES AND TO PROVIDE MAXIMUM PROTECTION AGAINST EROSION	
11. EXISTING CATCH BASI	N STRUCTURES SHALL BE PROTECTED UNTI	L SUCH TIME AS THEY ARE REMOVED.	







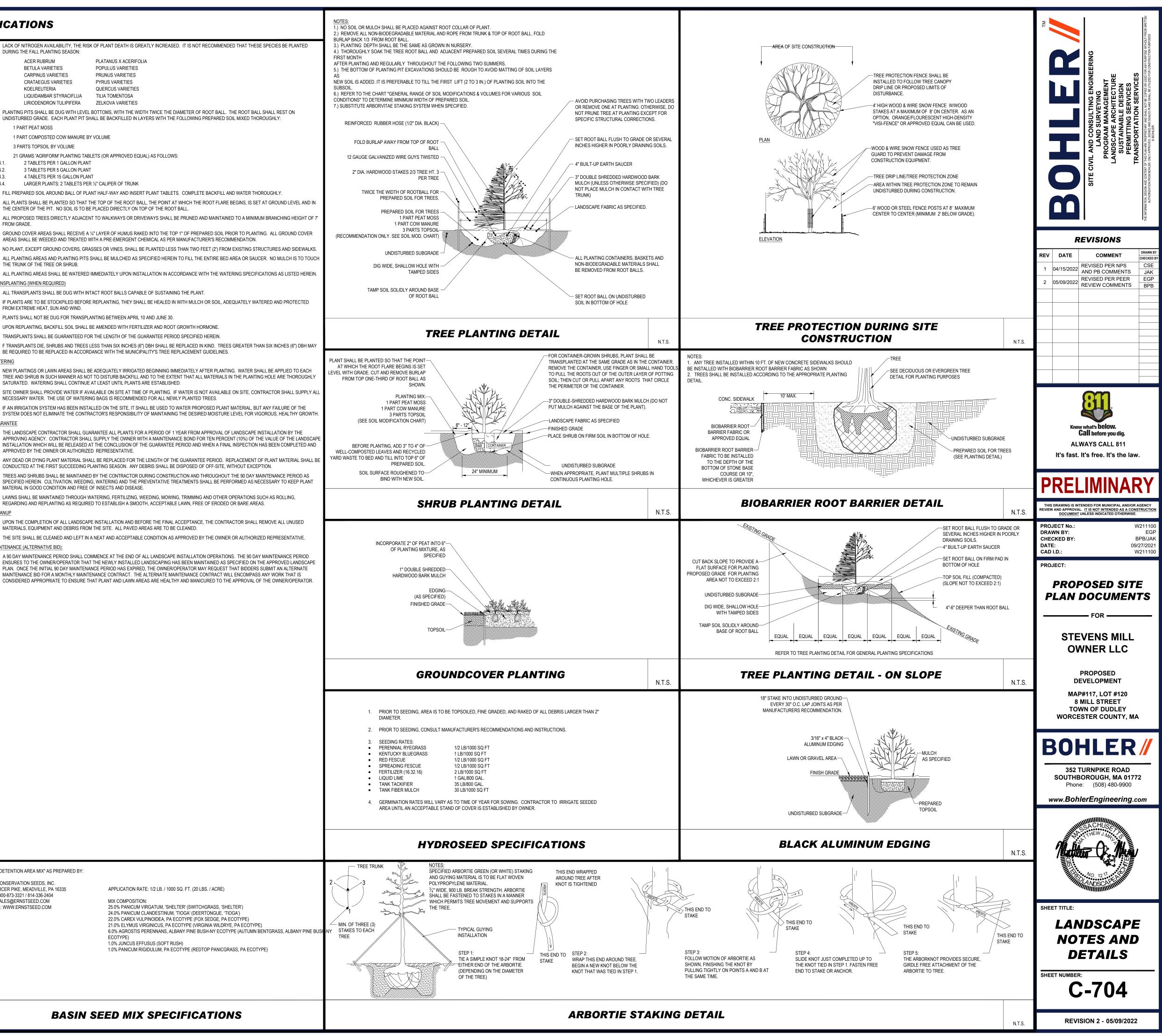
GRAMDATA\\_BOHLER\C3D2020NE\TEMP\ACPUBLISH\_1548\W211100-CVL-2\_LND----->LAYOUT: C-702-I

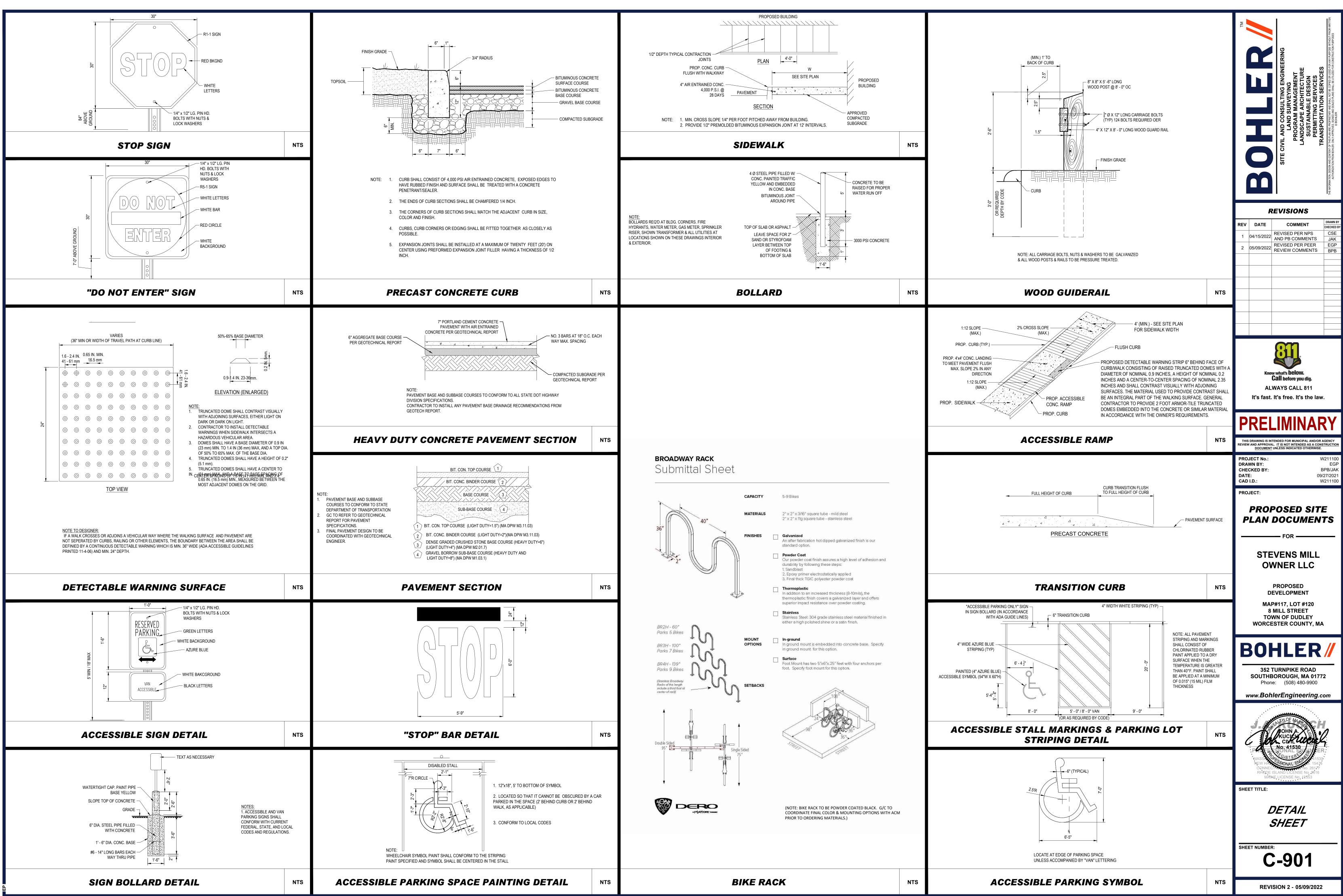


#### LANDSCAPE SPECIFICATIONS

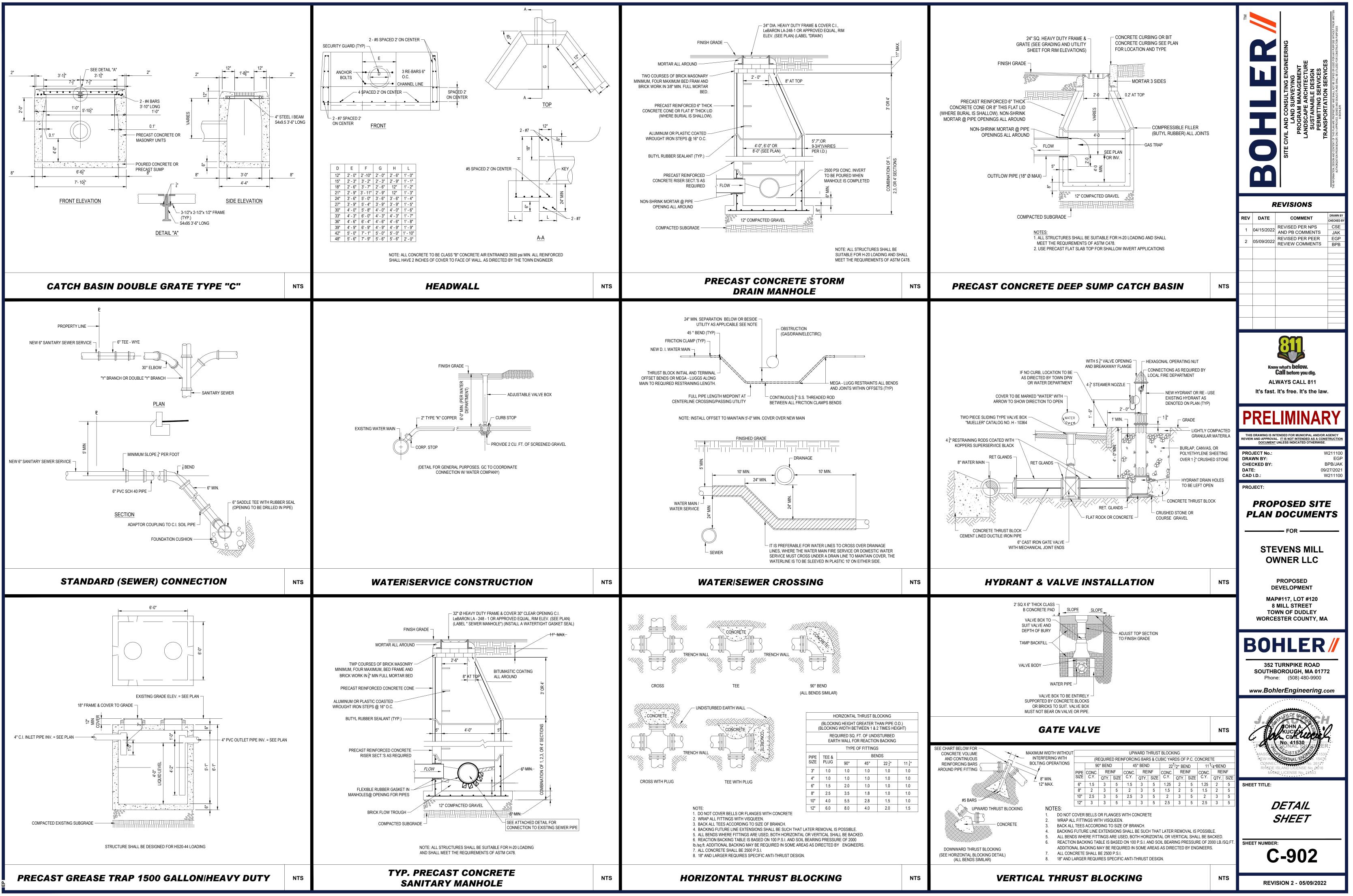
1. SCOPE OF WORK:	LACK OF NITROGEN AVAILABILITY, THE RISK OF PLANT
1.1. THE LANDSCAPE CONTRACTOR SHALL BE REQUIRED TO PERFORM ALL CLEARING, FINISHED GRADING, SOIL PREPARATION, PERMANENT SEEDING OR	DURING THE FALL PLANTING SEASON: ACER RUBRUM PLATANU
SODDING, PLANTING AND MULCHING INCLUDING ALL LABOR, MATERIALS, TOOLS AND EQUIPMENT NECESSARY FOR THE COMPLETION OF THIS PROJECT, UNLESS OTHERWISE CONTRACTED BY THE GENERAL CONTRACTOR.	BETULA VARIETIES POPULUS
2. <u>MATERIALS</u>	CRATAEGUS VARIETIES PYRUS V
2.1. GENERAL - ALL HARDSCAPE MATERIALS SHALL MEET OR EXCEED SPECIFICATIONS AS OUTLINED IN THE STATE DEPARTMENT OF TRANSPORTATION'S SPECIFICATIONS.	KOELREUTERIA QUERCUS LIQUIDAMBAR STYRACIFLUA TILIA TON
2.2. TOPSOIL - NATURAL, FRIABLE, LOAMY SILT SOIL HAVING AN ORGANIC CONTENT NOT LESS THAN 5%, A PH RANGE BETWEEN 4.5-7.0. IT SHALL BE FREE OF	LIRIODENDRON TULIPIFERA ZELKOVA
DEBRIS, ROCKS LARGER THAN ONE INCH (1"), WOOD, ROOTS, VEGETABLE MATTER AND CLAY CLODS. 2.3. 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,	9.8. PLANTING PITS SHALL BE DUG WITH LEVEL BOTTOMS, UNDISTURBED GRADE. EACH PLANT PIT SHALL BE BAC
AND SEEDED OR SODDED IN ACCORDANCE WITH THE PERMANENT STABILIZATION METHODS INDICATED ON THE LANDSCAPE PLAN	9.8.1. 1 PART PEAT MOSS
<ul> <li>2.3.1. LAWN SEED MIXTURE SHALL BE FRESH, CLEAN NEW CROP SEED.</li> <li>2.3.2. SOD SHALL BE STRONGLY ROOTED, WEED AND DISEASE/PEST FREE WITH A UNIFORM THICKNESS. SOD INSTALLED ON SLOPES GREATER THAN 4:1</li> </ul>	9.8.2. 1 PART COMPOSTED COW MANURE BY VOLUME
2.3.2. SOD SHALL BE STRONGLY ROOTED, WEED AND DISEASE/FEST FREE WITH A UNIFORM. THICKNESS. SOD INSTALLED ON SLOPES GREATER THAN 4.1 SHALL BE PEGGED TO HOLD SOD IN PLACE.	<ul><li>9.8.3. 3 PARTS TOPSOIL BY VOLUME</li><li>9.8.4. 21 GRAMS 'AGRIFORM' PLANTING TABLETS (OR AF</li></ul>
2.4. 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.	9.8.4.1. 2 TABLETS PER 1 GALLON PLANT
2.5. FERTILIZER	9.8.4.2.3 TABLETS PER 5 GALLON PLANT9.8.4.3.4 TABLETS PER 15 GALLON PLANT
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.	9.8.4.4. LARGER PLANTS: 2 TABLETS PER ½" CALIPE 9.9. FILL PREPARED SOIL AROUND BALL OF PLANT HALF-WA
2.5.2. FOR THE PURPOSE OF BIDDING, ASSUME THAT FERTILIZER SHALL BE 10% NITROGEN, 6% PHOSPHORUS AND 4% POTASSIUM BY WEIGHT. A	9.10. ALL PLANTS SHALL BE PLANTED SO THAT THE TOP OF
FERTILIZER SHOULD NOT BE SELECTED WITHOUT A SOIL TEST PERFORMED BY A CERTIFIED SOIL LABORATORY. 2.6. PLANT MATERIAL	THE CENTER OF THE PIT. NO SOIL IS TO BE PLACED DI
2.6.1. ALL PLANTS SHALL IN ALL CASES CONFORM TO THE REQUIREMENTS OF THE "AMERICAN STANDARD FOR NURSERY STOCK" (ANSI Z60.1), LATEST	9.11. ALL PROPOSED TREES DIRECTLY ADJACENT TO WALKI FROM GRADE.
EDITION, AS PUBLISHED BY THE AMERICAN NURSERY & LANDSCAPE ASSOCIATION (FORMERLY THE AMERICAN ASSOCIATION OF NURSERYMEN). 2.6.2. IN ALL CASES. BOTANICAL NAMES SHALL TAKE PRECEDENCE OVER COMMON NAMES FOR ANY AND ALL PLANT MATERIAL.	9.12. GROUND COVER AREAS SHALL RECEIVE A 1/4" LAYER O AREAS SHALL BE WEEDED AND TREATED WITH A PRE-E
<ul><li>2.6.2. IN ALL CASES, BOTANICAL NAMES SHALL TAKE PRECEDENCE OVER COMMON NAMES FOR ANY AND ALL PLANT MATERIAL.</li><li>2.6.3. PLANTS SHALL BE LEGIBLY TAGGED WITH THE PROPER NAME AND SIZE. TAGS ARE TO REMAIN ON AT LEAST ONE PLANT OF EACH SPECIES FOR</li></ul>	9.13. NO PLANT, EXCEPT GROUND COVERS, GRASSES OR VI
	9.14. ALL PLANTING AREAS AND PLANTING PITS SHALL BE M THE TRUNK OF THE TREE OR SHRUB.
2.6.4. TREES WITH ABRASION OF THE BARK, SUN SCALDS, DISFIGURATION OR FRESH CUTS OF LIMBS OVER 1¼", WHICH HAVE 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	9.15. ALL PLANTING AREAS SHALL BE WATERED IMMEDIATEL
BRANCHES. 2.6.5. ALL PLANTS SHALL BE TYPICAL OF THEIR SPECIES OR VARIETY AND SHALL HAVE A NORMAL HABIT OF GROWTH: WELL DEVELOPED BRANCHES.	10. TRANSPLANTING (WHEN REQUIRED)
DENSELY FOLIATED, VIGOROUS ROOT SYSTEMS AND BE FREE OF DISEASE, INSECTS, PESTS, EGGS OR LARVAE.	10.1. ALL TRANSPLANTS SHALL BE DUG WITH INTACT ROOT
2.6.6. 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 INCHES (6") ABOVE THE GROUND EXCEEDS FOUR INCHES	10.2. IF PLANTS ARE TO BE STOCKPILED BEFORE REPLANTIN FROM EXTREME HEAT, SUN AND WIND.
<ul><li>(4") IN CALIPER, THE CALIPER SHOULD BE MEASURED AT A POINT 12" ABOVE THE NATURAL GRADE.</li><li>2.6.7. SHRUBS SHALL BE MEASURED TO THE AVERAGE HEIGHT OR SPREAD OF THE SHRUB, AND NOT TO THE LONGEST BRANCH.</li></ul>	10.3. PLANTS SHALL NOT BE DUG FOR TRANSPLANTING BET
2.6.8. TREES AND SHRUBS SHALL BE HANDLED WITH CARE BY THE ROOT BALL.	<ol> <li>UPON REPLANTING, BACKFILL SOIL SHALL BE AMENDED</li> <li>TRANSPLANTS SHALL BE GUARANTEED FOR THE LENG</li> </ol>
3. <u>GENERAL WORK PROCEDURES</u>	10.6. F TRANSPLANTS DIE, SHRUBS AND TREES LESS THAN S
3.1. 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.	BE REQUIRED TO BE REPLACED IN ACCORDANCE WITH 11. WATERING
3.2. WASTE MATERIALS AND DEBRIS SHALL BE COMPLETELY DISPOSED OF AT THE CONTRACTOR'S EXPENSE. DEBRIS SHALL NOT BE BURIED, INCLUDING	11. <u>WATERING</u> 11.1. NEW PLANTINGS OR LAWN AREAS SHALL BE ADEQUATI
ORGANIC MATERIALS, BUT SHALL BE REMOVED COMPLETELY FROM THE SITE. 4. SITE PREPARATIONS	TREE AND SHRUB IN SUCH MANNER AS NOT TO DISTUF SATURATED. WATERING SHALL CONTINUE AT LEAST U
4.1. BEFORE AND DURING PRELIMINARY GRADING AND FINISHED GRADING, ALL WEEDS AND GRASSES SHALL BE DUG OUT BY THE ROOTS AND DISPOSED OF IN	11.2. SITE OWNER SHALL PROVIDE WATER IF AVAILABLE ON
ACCORDANCE WITH GENERAL WORK PROCEDURES OUTLINED HEREIN. 4.2. ALL EXISTING TREES TO REMAIN SHALL BE PRUNED TO REMOVE ANY DAMAGED BRANCHES. THE ENTIRE LIMB OF ANY DAMAGED BRANCH SHALL BE CUT	NECESSARY WATER. THE USE OF WATERING BAGS IS I 11.3. IF AN IRRIGATION SYSTEM HAS BEEN INSTALLED ON TH
OFF AT THE BRANCH COLLAR. CONTRACTOR SHALL ENSURE THAT CUTS ARE SMOOTH AND STRAIGHT. ANY EXPOSED ROOTS SHALL BE CUT BACK WITH	SYSTEM DOES NOT ELIMINATE THE CONTRACTOR'S RE
CLEAN, SHARP TOOLS AND TOPSOIL SHALL BE PLACED AROUND 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.	12. GUARANTEE
CONTRACTOR SHALL WATER EXISTING TREES AS NEEDED TO PREVENT SHOCK OR DECLINE. 4.3. CONTRACTOR SHALL ARRANGE TO HAVE A UTILITY STAKE-OUT TO LOCATE ALL UNDERGROUND UTILITIES PRIOR TO INSTALLATION OF ANY LANDSCAPE	12.1. THE LANDSCAPE CONTRACTOR SHALL GUARANTEE AL APPROVING AGENCY. CONTRACTOR SHALL SUPPLY TH
MATERIAL. UTILITY COMPANIES SHALL BE CONTACTED THREE (3) DAYS PRIOR TO THE BEGINNING OF WORK.	INSTALLATION WHICH WILL BE RELEASED AT THE CONC APPROVED BY THE OWNER OR AUTHORIZED REPRESE
<ol> <li><u>TREE PROTECTION</u></li> <li>CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING TREES TO REMAIN. A TREE PROTECTION ZONE SHALL BE ESTABLISHED AT</li> </ol>	12.2. ANY DEAD OR DYING PLANT MATERIAL SHALL BE REPL CONDUCTED AT THE FIRST SUCCEEDING PLANTING SE
THE DRIP LINE OR AT THE LIMIT OF CONSTRUCTION DISTURBANCE, WHICHEVER IS GREATER. LOCAL STANDARDS THAT MAY REQUIRE A MORE STRICT TREE PROTECTION ZONE SHALL BE HONORED.	12.3. TREES AND SHRUBS SHALL BE MAINTAINED BY THE CC
<ol> <li>5.2. A FORTY-EIGHT INCH (48") HIGH WOODEN SNOW FENCE OR ORANGE COLORED HIGH-DENSITY 'VISI-FENCE', OR APPROVED EQUAL, MOUNTED ON STEEL</li> </ol>	SPECIFIED HEREIN. CULTIVATION, WEEDING, WATERIN MATERIAL IN GOOD CONDITION AND FREE OF INSECTS
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.	12.4. LAWNS SHALL BE MAINTAINED THROUGH WATERING, F
5.3. WHEN THE TREE PROTECTION FENCING HAS BEEN INSTALLED, IT SHALL BE INSPECTED BY THE APPROVING AGENCY PRIOR TO DEMOLITION, GRADING,	REGARDING AND REPLANTING AS REQUIRED TO ESTAE 13. CLEANUP
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 HAS BEEN COMPLETED.	13.1. UPON THE COMPLETION OF ALL LANDSCAPE INSTALLA
5.4. AT NO TIME SHALL MACHINERY, DEBRIS, FALLEN TREES OR OTHER MATERIALS BE PLACED, STOCKPILED OR LEFT STANDING IN THE TREE PROTECTION ZONE.	MATERIALS, EQUIPMENT AND DEBRIS FROM THE SITE. 13.2. THE SITE SHALL BE CLEANED AND LEFT IN A NEAT AND
6. <u>SOIL MODIFICATIONS</u>	14. <u>MAINTENANCE (ALTERNATIVE BID):</u>
6.1. 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.	14.1. A 90 DAY MAINTENANCE PERIOD SHALL COMMENCE AT ENSURES TO THE OWNER/OPERATOR THAT THE NEWL'
6.2. LANDSCAPE CONTRACTOR SHALL REPORT ANY SOIL OR DRAINAGE CONDITIONS CONSIDERED DETRIMENTAL TO THE GROWTH OF PLANT MATERIAL. SOIL	PLAN. ONCE THE INITIAL 90 DAY MAINTENANCE PERIOI MAINTENANCE BID FOR A MONTHLY MAINTENANCE CO
MODIFICATIONS, AS SPECIFIED HEREIN, MAY NEED TO BE CONDUCTED BY THE LANDSCAPE CONTRACTOR DEPENDING ON SITE CONDITIONS.	CONSIDERED APPROPRIATE TO ENSURE THAT PLANT A
6.3. THE FOLLOWING AMENDMENTS AND QUANTITIES ARE APPROXIMATE AND ARE FOR BIDDING PURPOSES ONLY. COMPOSITION OF AMENDMENTS SHOULD BE REVISED DEPENDING ON THE OUTCOME OF A TOPSOIL ANALYSIS PERFORMED BY A CERTIFIED SOIL LABORATORY.	
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 HIGHER THAN 7.5.	
6.3.2. TO INCREASE DRAINAGE, MODIFY HEAVY CLAY OR SILT (MORE THAN 40% CLAY OR SILT) BY ADDING COMPOSTED PINE 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	
<ul> <li>TOTAL MIX. SUBSURFACE DRAINAGE LINES MAY NEED TO BE ADDED TO INCREASE DRAINAGE.</li> <li>6.3.3. MODIFY EXTREMELY SANDY SOILS (MORE THAN 85%) BY ADDING ORGANIC MATTER AND/OR DRY, SHREDDED CLAY LOAM UP TO 30% OF THE TOTAL</li> </ul>	
6.3.3. MIDDIFT EXTREMELT SANDT SUILS (MORE THAN 63%) BT ADDING ORGANIC MATTER AND/OR DRT, SHREDDED CLAT LOAM OP TO 30% OF THE TOTAL MIX.	
7. <u>FINISHED GRADING</u>	
7.1. 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.	
7.2. 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"±).	
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. 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.	
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.	
8.2. 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 AS NEEDED TO ACHIEVE THE REQUIRED LEVELS AS SPECIFIED IN THE MATERIALS SECTION ABOVE.	
8.4. 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 FOOT AREA - FOR BID PURPOSES ONLY [SEE SPECIFICATION 6.A.]):	
<ul> <li>8.4.1. 20 POUNDS 'GRO-POWER' OR APPROVED SOIL CONDITIONER/FERTILIZER</li> <li>8.4.2. 20 POUNDS NITRO-FORM (COURSE) 38-0-0 BLUE CHIP OR APPROVED NITROGEN FERTILIZER</li> </ul>	
<ul> <li>8.4.2. 20 POUNDS NITRO-FORM (COURSE) 38-0-0 BLUE CHIP OR APPROVED NITROGEN FERTILIZER</li> <li>8.5. THE SPREADING OF TOPSOIL SHALL NOT BE CONDUCTED UNDER MUDDY OR FROZEN CONDITIONS.</li> </ul>	
9. <u>PLANTING</u>	
9.1. 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.	"NATIVE DETENTION AREA MIX" AS PREPARED BY:
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.	ERNST CONSERVATION SEEDS, INC.
	ERNST CONSERVATION SEEDS, INC. 8884 MERCER PIKE, MEADVILLE, PA 16335 API PHONE: 800-873-3321 / 814-336-2404
9.3. ANY INJURED ROOTS OR BRANCHES SHALL BE PRUNED TO MAKE CLEAN-CUT ENDS PRIOR TO PLANTING UTILIZING CLEAN, SHARP TOOLS. ONLY INJURED OR DISEASED BRANCHING SHALL BE REMOVED.	8884 MERCER PIKE, MEADVILLE, PA 16335 API
	8884 MERCER PIKE, MEADVILLE, PA 16335 API PHONE: 800-873-3321 / 814-336-2404 EMAIL: SALES@ERNSTSEED.COM MIX
<ul> <li>OR DISEASED BRANCHING SHALL BE REMOVED.</li> <li>9.4. ALL PLANTING CONTAINERS, BASKETS AND NON-BIODEGRADABLE MATERIALS SHALL BE REMOVED FROM ROOT BALLS DURING PLANTING. NATURAL FIBER BURLAP MUST BE CUT FROM AROUND THE TRUNK OF THE TREE AND FOLDED DOWN AGAINST THE ROOT BALL PRIOR TO BACKFILLING.</li> <li>9.5. POSITION TREES AND SHRUBS AT THEIR INTENDED LOCATIONS AS PER THE PLANS AND SECURE THE APPROVAL OF THE LANDSCAPE ARCHITECT PRIOR TO</li> </ul>	8884 MERCER PIKE, MEADVILLE, PA 16335         API           PHONE: 800-873-3321 / 814-336-2404         EMAIL: SALES@ERNSTSEED.COM           WEBSITE: WWW.ERNSTSEED.COM         25.0           24.0         24.0
<ul> <li>OR DISEASED BRANCHING SHALL BE REMOVED.</li> <li>9.4. ALL PLANTING CONTAINERS, BASKETS AND NON-BIODEGRADABLE MATERIALS SHALL BE REMOVED FROM ROOT BALLS DURING PLANTING. NATURAL FIBER BURLAP MUST BE CUT FROM AROUND THE TRUNK OF THE TREE AND FOLDED DOWN AGAINST THE ROOT BALL PRIOR TO BACKFILLING.</li> <li>9.5. POSITION TREES AND SHRUBS AT THEIR INTENDED LOCATIONS AS PER THE PLANS AND SECURE THE APPROVAL OF THE LANDSCAPE ARCHITECT PRIOR TO EXCAVATING PITS, MAKING NECESSARY ADJUSTMENTS AS DIRECTED.</li> </ul>	8884 MERCER PIKE, MEADVILLE, PA 16335         API           PHONE: 800-873-3321 / 814-336-2404            EMAIL: SALES@ERNSTSEED.COM         MIX           WEBSITE: WWW.ERNSTSEED.COM         25.0           24.1         22.0           21.1         6.0           ECI         ECI
<ul> <li>OR DISEASED BRANCHING SHALL BE REMOVED.</li> <li>9.4. ALL PLANTING CONTAINERS, BASKETS AND NON-BIODEGRADABLE MATERIALS SHALL BE REMOVED FROM ROOT BALLS DURING PLANTING. NATURAL FIBER BURLAP MUST BE CUT FROM AROUND THE TRUNK OF THE TREE AND FOLDED DOWN AGAINST THE ROOT BALL PRIOR TO BACKFILLING.</li> <li>9.5. POSITION TREES AND SHRUBS AT THEIR INTENDED LOCATIONS AS PER THE PLANS AND SECURE THE APPROVAL OF THE LANDSCAPE ARCHITECT PRIOR TO EXCAVATING PITS, MAKING NECESSARY ADJUSTMENTS AS DIRECTED.</li> <li>9.6. PRIOR TO THE ISSUANCE OF ANY CERTIFICATE OF OCCUPANCY, THE PROPOSED LANDSCAPE, AS SHOWN ON THE APPROVED LANDSCAPE PLAN, MUST BE INSTALLED, INSPECTED AND APPROVED BY THE APPROVING AGENCY. THE APPROVING AGENCY SHALL TAKE INTO ACCOUNT SEASONAL CONSIDERATIONS</li> </ul>	8884 MERCER PIKE, MEADVILLE, PA 16335         API           PHONE: 800-873-3321 / 814-336-2404            EMAIL: SALES@ERNSTSEED.COM         MIX           WEBSITE: WWW.ERNSTSEED.COM         25.0           24.1         22.0           21.1         6.0
<ul> <li>OR DISEASED BRANCHING SHALL BE REMOVED.</li> <li>9.4. ALL PLANTING CONTAINERS, BASKETS AND NON-BIODEGRADABLE MATERIALS SHALL BE REMOVED FROM ROOT BALLS DURING PLANTING. NATURAL FIBER BURLAP MUST BE CUT FROM AROUND THE TRUNK OF THE TREE AND FOLDED DOWN AGAINST THE ROOT BALL PRIOR TO BACKFILLING.</li> <li>9.5. POSITION TREES AND SHRUBS AT THEIR INTENDED LOCATIONS AS PER THE PLANS AND SECURE THE APPROVAL OF THE LANDSCAPE ARCHITECT PRIOR TO EXCAVATING PITS, MAKING NECESSARY ADJUSTMENTS AS DIRECTED.</li> <li>9.6. PRIOR TO THE ISSUANCE OF ANY CERTIFICATE OF OCCUPANCY, THE PROPOSED LANDSCAPE, AS SHOWN ON THE APPROVED LANDSCAPE PLAN, MUST BE</li> </ul>	8884 MERCER PIKE, MEADVILLE, PA 16335         API           PHONE: 800-873-3321 / 814-336-2404         Image: State Sta
<ul> <li>OR DISEASED BRANCHING SHALL BE REMOVED.</li> <li>9.4. ALL PLANTING CONTAINERS, BASKETS AND NON-BIODEGRADABLE MATERIALS SHALL BE REMOVED FROM ROOT BALLS DURING PLANTING. NATURAL FIBER BURLAP MUST BE CUT FROM AROUND THE TRUNK OF THE TREE AND FOLDED DOWN AGAINST THE ROOT BALL PRIOR TO BACKFILLING.</li> <li>9.5. POSITION TREES AND SHRUBS AT THEIR INTENDED LOCATIONS AS PER THE PLANS AND SECURE THE APPROVAL OF THE LANDSCAPE ARCHITECT PRIOR TO EXCAVATING PITS, MAKING NECESSARY ADJUSTMENTS AS DIRECTED.</li> <li>9.6. PRIOR TO THE ISSUANCE OF ANY CERTIFICATE OF OCCUPANCY, THE PROPOSED LANDSCAPE, AS SHOWN ON THE APPROVED LANDSCAPE PLAN, MUST BE INSTALLED, INSPECTED AND APPROVED BY THE APPROVING AGENCY. THE APPROVING AGENCY SHALL TAKE INTO ACCOUNT SEASONAL CONSIDERATIONS IN THIS REGARD AS FOLLOWS. THE PLANTING OF TREES, SHRUBS, VINES OR GROUND COVER SHALL OCCUR ONLY DURING THE FOLLOWING PLANTING SEASONS:</li> <li>9.6.1. PLANTS: MARCH 15 TO DECEMBER 15</li> </ul>	8884 MERCER PIKE, MEADVILLE, PA 16335         API           PHONE: 800-873-3321 / 814-336-2404         Image: State Sta
<ul> <li>OR DISEASED BRANCHING SHALL BE REMOVED.</li> <li>9.4. ALL PLANTING CONTAINERS, BASKETS AND NON-BIODEGRADABLE MATERIALS SHALL BE REMOVED FROM ROOT BALLS DURING PLANTING. NATURAL FIBER BURLAP MUST BE CUT FROM AROUND THE TRUNK OF THE TREE AND FOLDED DOWN AGAINST THE ROOT BALL PRIOR TO BACKFILLING.</li> <li>9.5. POSITION TREES AND SHRUBS AT THEIR INTENDED LOCATIONS AS PER THE PLANS AND SECURE THE APPROVAL OF THE LANDSCAPE ARCHITECT PRIOR TO EXCAVATING PITS, MAKING NECESSARY ADJUSTMENTS AS DIRECTED.</li> <li>9.6. PRIOR TO THE ISSUANCE OF ANY CERTIFICATE OF OCCUPANCY, THE PROPOSED LANDSCAPE, AS SHOWN ON THE APPROVED LANDSCAPE PLAN, MUST BE INSTALLED, INSPECTED AND APPROVED BY THE APPROVING AGENCY. THE APPROVING AGENCY SHALL TAKE INTO ACCOUNT SEASONAL CONSIDERATIONS IN THIS REGARD AS FOLLOWS. THE PLANTING OF TREES, SHRUBS, VINES OR GROUND COVER SHALL OCCUR ONLY DURING THE FOLLOWING PLANTING SEASONS:</li> </ul>	8884 MERCER PIKE, MEADVILLE, PA 16335         API           PHONE: 800-873-3321 / 814-336-2404         Image: State Sta
<ul> <li>OR DISEASED BRANCHING SHALL BE REMOVED.</li> <li>9.4. ALL PLANTING CONTAINERS, BASKETS AND NON-BIODEGRADABLE MATERIALS SHALL BE REMOVED FROM ROOT BALLS DURING PLANTING. NATURAL FIBER BURLAP MUST BE CUT FROM AROUND THE TRUNK OF THE TREE AND FOLDED DOWN AGAINST THE ROOT BALL PRIOR TO BACKFILLING.</li> <li>9.5. POSITION TREES AND SHRUBS AT THEIR INTENDED LOCATIONS AS PER THE PLANS AND SECURE THE APPROVAL OF THE LANDSCAPE ARCHITECT PRIOR TO EXCAVATING PITS, MAKING NECESSARY ADJUSTMENTS AS DIRECTED.</li> <li>9.6. PRIOR TO THE ISSUANCE OF ANY CERTIFICATE OF OCCUPANCY, THE PROPOSED LANDSCAPE, AS SHOWN ON THE APPROVED LANDSCAPE PLAN, MUST BE INSTALLED, INSPECTED AND APPROVED BY THE APPROVING AGENCY. THE APPROVING AGENCY SHALL TAKE INTO ACCOUNT SEASONAL CONSIDERATIONS IN THIS REGARD AS FOLLOWS. THE PLANTING OF TREES, SHRUBS, VINES OR GROUND COVER SHALL OCCUR ONLY DURING THE FOLLOWING PLANTING SEASONS:</li> <li>9.6.1. PLANTS: MARCH 15 TO DECEMBER 15</li> <li>9.6.2. LAWN: MARCH 15 TO JUNE 15 OR SEPT. 1 TO DECEMBER 1</li> <li>9.6.3. PLANTINGS REQUIRED FOR A CERTIFICATE OF OCCUPANCY SHALL BE PROVIDED DURING THE NEXT APPROPRIATE SEASON AT THE MUNICIPALITY'S DISCRETION. CONTRACTOR SHOULD CONTACT APPROVING AGENCY FOR POTENTIAL SUBSTITUTIONS.</li> </ul>	8884 MERCER PIKE, MEADVILLE, PA 16335         API           PHONE: 800-873-3321 / 814-336-2404         Image: State Sta
<ul> <li>OR DISEASED BRANCHING SHALL BE REMOVED.</li> <li>9.4. ALL PLANTING CONTAINERS, BASKETS AND NON-BIODEGRADABLE MATERIALS SHALL BE REMOVED FROM ROOT BALLS DURING PLANTING. NATURAL FIBER BURLAP MUST BE CUT FROM AROUND THE TRUNK OF THE TREE AND FOLDED DOWN AGAINST THE ROOT BALL PRIOR TO BACKFILLING.</li> <li>9.5. POSITION TREES AND SHRUBS AT THEIR INTENDED LOCATIONS AS PER THE PLANS AND SECURE THE APPROVAL OF THE LANDSCAPE ARCHITECT PRIOR TO EXCAVATING PITS, MAKING NECESSARY ADJUSTMENTS AS DIRECTED.</li> <li>9.6. PRIOR TO THE ISSUANCE OF ANY CERTIFICATE OF OCCUPANCY, THE PROPOSED LANDSCAPE, AS SHOWN ON THE APPROVED LANDSCAPE PLAN, MUST BE INSTALLED, INSPECTED AND APPROVED BY THE APPROVING AGENCY. THE PROPOSED LANDSCAPE, AS SHOWN ON THE APPROVED LANDSCAPE PLAN, MUST BE INSTALLED, INSPECTED AND APPROVED BY THE APPROVING AGENCY. THE PROPOSED LANDSCAPE, AS SHOWN ON THE APPROVED LANDSCAPE PLAN, MUST BE INSTALLED, INSPECTED AND APPROVED BY THE APPROVING AGENCY. THE PROPONING AGENCY SHALL TAKE INTO ACCOUNT SEASONAL CONSIDERATIONS IN THIS REGARD AS FOLLOWS. THE PLANTING OF TREES, SHRUBS, VINES OR GROUND COVER SHALL OCCUR ONLY DURING THE FOLLOWING PLANTING SEASONS:</li> <li>9.6.1. PLANTS: MARCH 15 TO DECEMBER 15</li> <li>9.6.2. LAWN: MARCH 15 TO JUNE 15 OR SEPT. 1 TO DECEMBER 1</li> <li>9.6.3. PLANTINGS REQUIRED FOR A CERTIFICATE OF OCCUPANCY SHALL BE PROVIDED DURING THE NEXT APPROPRIATE SEASON AT THE MUNICIPALITY'S</li> </ul>	8884 MERCER PIKE, MEADVILLÉ, PA 16335         API           PHONE: 800-873-3321 / 814-336-2404         Image: State Sta
<ul> <li>OR DISEASED BRANCHING SHALL BE REMOVED.</li> <li>9.4. ALL PLANTING CONTAINERS, BASKETS AND NON-BIODEGRADABLE MATERIALS SHALL BE REMOVED FROM ROOT BALLS DURING PLANTING. NATURAL FIBER BURLAP MUST BE CUT FROM AROUND THE TRUNK OF THE TREE AND FOLDED DOWN AGAINST THE ROOT BALL PRIOR TO BACKFILLING.</li> <li>9.5. POSITION TREES AND SHRUBS AT THEIR INTENDED LOCATIONS AS PER THE PLANS AND SECURE THE APPROVAL OF THE LANDSCAPE ARCHITECT PRIOR TO EXCAVATING PITS, MAKING NECESSARY ADJUSTMENTS AS DIRECTED.</li> <li>9.6. PRIOR TO THE ISSUANCE OF ANY CERTIFICATE OF OCCUPANCY, THE PROPOSED LANDSCAPE, AS SHOWN ON THE APPROVED LANDSCAPE PLAN, MUST BE INSTALLED, INSPECTED AND APPROVED BY THE APPROVING AGENCY. THE APPROVING AGENCY SHALL TAKE INTO ACCOUNT SEASONAL CONSIDERATIONS IN THIS REGARD AS FOLLOWS. THE PLANTING OF TREES, SHRUBS, VINES OR GROUND COVER SHALL OCCUR ONLY DURING THE FOLLOWING PLANTING SEASONS:</li> <li>9.6.1. PLANTS: MARCH 15 TO DECEMBER 15</li> <li>9.6.2. LAWN: MARCH 15 TO JUNE 15 OR SEPT. 1 TO DECEMBER 1</li> <li>9.6.3. PLANTINGS REQUIRED FOR A CERTIFICATE OF OCCUPANCY SHALL BE PROVIDED DURING THE NEXT APPROPRIATE SEASON AT THE MUNICIPALITY'S DISCRETION. CONTRACTOR SHOULD CONTACT APPROVING AGENCY FOR POTENTIAL SUBSTITUTIONS.</li> </ul>	8884 MERCER PIKE, MEADVILLE, PA 16335         API           PHONE: 800-873-3321 / 814-336-2404         Image: State Sta

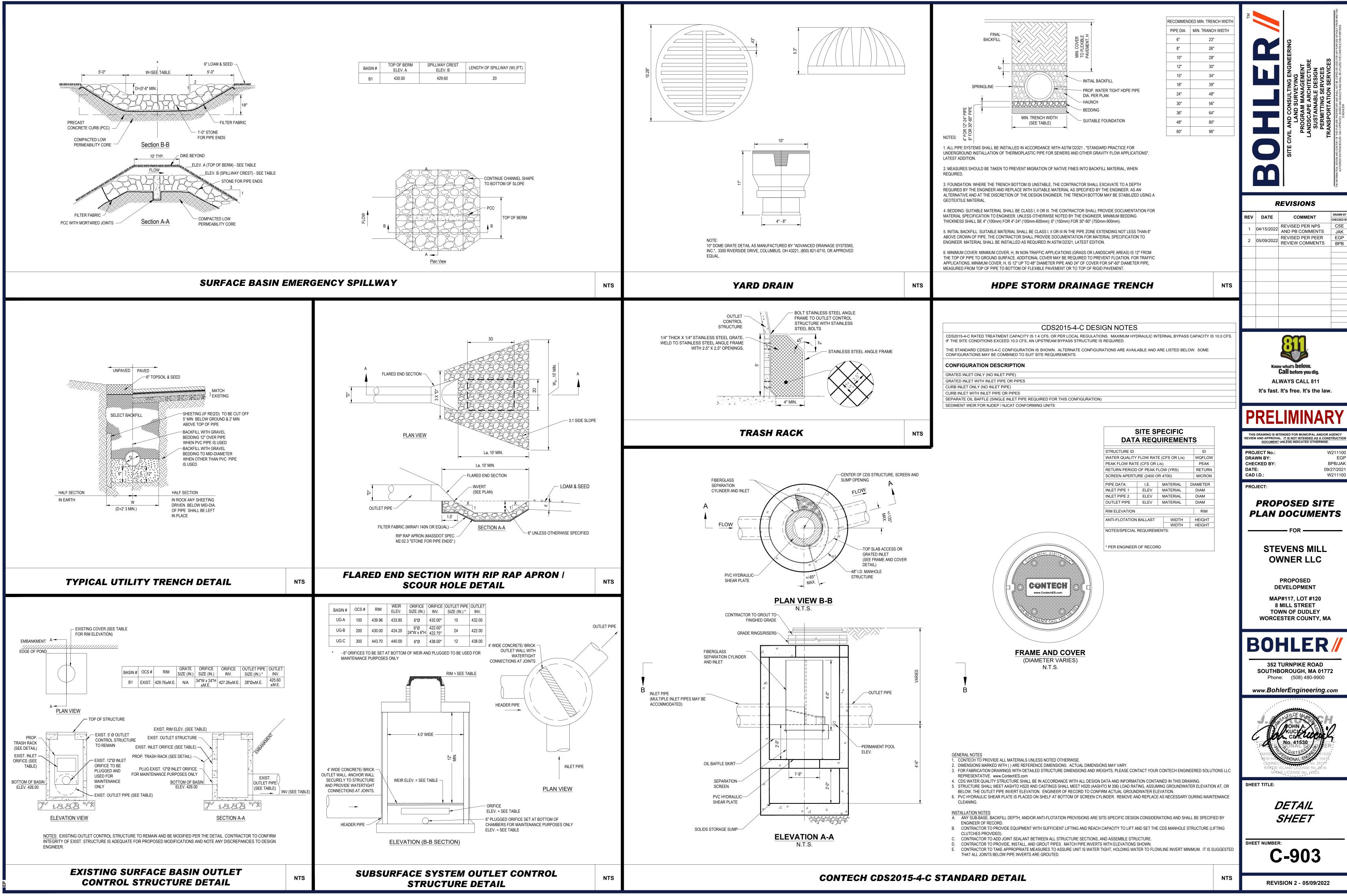
SEED MIX SPECIFICATIONS



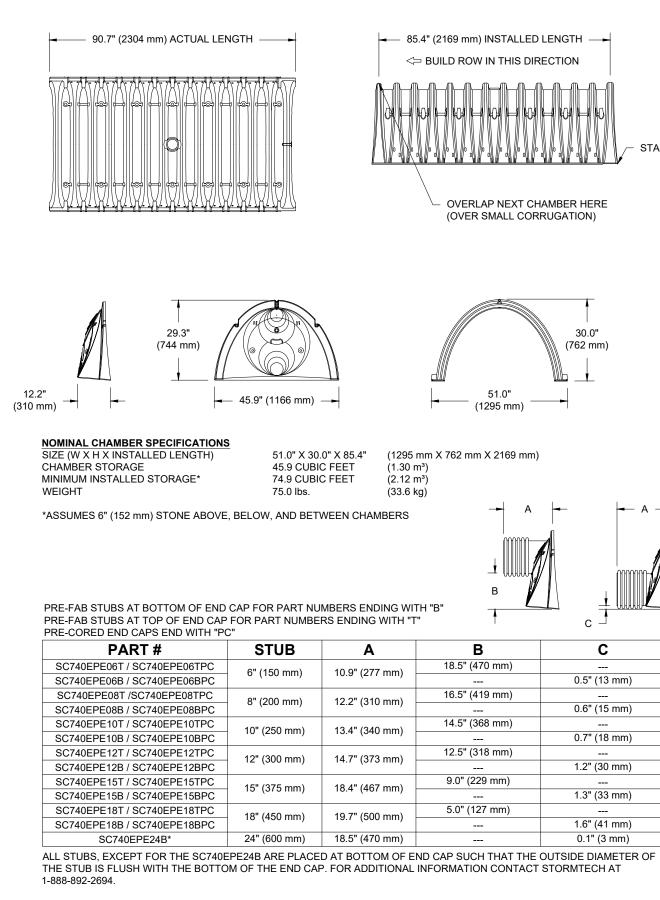


211100\DRAWINGS\PLAN SETS\REV2\W211100-CVL-2\_DTL----->LAYOUT: C-9





SC-740 TECHNICAL SPECIFICATION NTS



\* FOR THE SC740EPE24B THE 24" (600 mm) STUB LIES BELOW THE BOTTOM OF THE END CAP APPROXIMATELY 1.75" (44 mm). BACKFILL MATERIAL SHOULD BE REMOVED FROM BELOW THE N-12 STUB SO THAT THE FITTING SITS LEVEL. NOTE: ALL DIMENSIONS ARE NOMINAL

#### STORMTECH SC-740 TECHNICAL SPECIFICATION

<section-header><section-header><section-header><section-header></section-header></section-header></section-header></section-header>			
		ACCEPTABLE FILL MATERIALS: STORMTECH SC-740 CHAMBER SYSTEMS	
		MATERIALLOCATION	
		FINAL FILL: FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASEANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PER ENGINEER'S PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS.PREPARE PER SITE DESIGN ENGINEER'S PLANS. N/APREPARE PER SITE DESIGN ENGINEER'S PLANS. ENGINEER'S PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS.N/APREPARE PER SITE DESIGN ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS.	-
	START END	AdditionMaterial over the chambers is reached. C initial fill: fill material for layer 'C' Starts from the top of the embeddent Stone ('B' Layer) to 18" (450 mm) ABOVE the TOP of the chamber. Note that pavement Subbase may be a part of the 'C' Layer.GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <35% FINES OR PROCESSED AGGREGATE.Material over the chambers is reached. Compact addition AASHTO M145' A-1, A-2-4, A-3CInitial fill: fill: fill material for layer 'C' Starts from the top of the embeddent stone ('B' Layer) to 18" (450 mm) ABOVE the TOP of the chamber. Note that pavement Subbase may be a part of the 'C' Layer.GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <35% FINES OR PROCESSED AGGREGATE.ORLifts to A MIN. 95% PROCTOR DENSITY FOR WELL GRADED MATERIAL AND 95% RELATIVE DENSITY FOR PROCESSED AGGREGATE Most pavement Subbase materials Can be used in Lieu OF this Layer.AASHTO M431 3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89 9 10Materials. ROLLER GROSS VEHICLE WEIGHT NOT TO EXCEED 12,000 lbs (53 kN). DYNAMIC	:
A Decision of the box you do not be box	STARTEND	B CHAMBERS FROM THE FOUNDATION STONE ('A' CLEAN, CRUSHED, ANGULAR STONE AASH 147.5.5.5.7 NO COMPACTION REQUIRED.	
<ul> <li>1. But the transmission of the state of the</li></ul>		A FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) CLEAN, CRUSHED, ANGULAR STONE AASHTO M43' PLATE COMPACT OR ROLL TO ACHIEVE A FLAT	
<ul> <li>A 1</li> <li>A 1</li></ul>		<ol> <li>THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE".</li> <li>STORMTECH COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 6" (150 mm) (MAX) LIFTS USING TWO FULL COVERAGES WITH A VIBRATORY COMPACTOR.</li> <li>WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION</li> </ol>	
A TANK AND		AROUND CLEAN, CRUSHED, ANGULAR STONE IN A & B LAYERS PAVEMENT LAYER (DESIGNED BY SITE DESIGN ENGINEER) ************************************	8' 2.4 m) MAX
		EXCAVATION WALL (CAN BE SLOPED OR VERTICAL)	Ē
<ul> <li>so 740 of WARDERS SINUL CONCOMENT OF THE REQUIREMENTS OF ASTM DAYLS STANDARD SPECIFICATION FOR POLYBROPYLENE (PP) CORRUPATED WALL STORMWATER COLLECTION OF WARDERS.</li> <li>so 740 of WARDERS SINUL CONCOMENT OF THE RECOVERION TO WALL STORMWATER COLLECTION OF WARDERS.</li> <li>so 740 of WARDERS SINUL DAYLON TO THE RECOVERION TO WALL STORMWATER COLLECTION OF WARDERS.</li> <li>so 740 of WARDERS SINUL DAYLON TO THE RECOVERION TO WALL STORMWATER COLLECTION OF WARDERS.</li> <li>so 740 of WARDERS SINUL DAYLON TO THE TANK THE STANDARD PRACTICE OF STRUCTURAL DEGING TO WALL STORMWATER COLLECTION OF WARDERS.</li> <li>so 740 of WARDERS SINUL DAYLON TO THE READYLS WALL STORMWATER COLLECTION OF WARDERS.</li> <li>so 740 of WARDERS SINUL DAYLON TO THE READYLS WATERIAL LOCATIONS, LIKE CORRUPTIONS, GRADATIONS, AND COMPACTION READURATED WALL STORMWATER COLLECTION OF WARDERS.</li> <li>so 740 of WARDERS SINUL TO THE READYLS WATERIAL LOCATIONS, LIKE CORRUPTIONS, GRADATIONS, AND COMPACTION READYNATION OF THE MARTER COLLECTION OF WARDERS.</li> <li>so 740 of WARDERS SINUL TO THE READYLS WATERIAL LOCATIONS, AND COMPACTION READURATED WALL STORMWATER COLLECTION OF THE MARTERIAL TAND THE STANDARD SPECIFIC STORM WARDERS.</li> <li>so 740 of WARDERS SINUL TO THE STANDARD STRUCTURE OF WARDERS TO REQURATED WALL STORMWATER COLLECTION OF THE MARTERIAL TAND THE STANDARD STRUCTURE AND STORE TO THE STANDARD STRUCTURE OF THE WARDERS.</li> <li>so 740 of WARDERS SINUL TO THE STANDARD STRUCTURE OF WARDERS TO SUBCRITION.</li> <li>so 740 of WARDERS SINUL TO THE STORE OF WARDER OF WARDERS TO SUBCRITION.</li> <li>so 740 OF THE WARDER OF WARDER OF WARDER OF WARDER OF WARDERS TO USED TO REPLACE THE MARTERIAL REQUIREMENTS OF LAVERY TO REPLACE THE WARDERS OF WARDERS TO USED TO REPLACE THE MARTERIAL REQUIREMENTS OF LAVERY TO REPLACE THE MARTERIAL REQUIREMENTS OF LAVERY TO REPLACE THE WARDERS OF WARDERS TO USED TO REPLACE THE MARTERIAL REQUIREMENTS OF LAVERY TO REPLACE THE WARDER OF WARDERS OF WARDERS OF</li></ul>			
OR ASTIM P222 'ETAMAGES BECKEVATION FOR POLYTIMULER (PE) CORRUGATED WALL STORWARTER COLLECTION DIAMAGES.     OR ASTIM P222 'ETAMAGES BESCHLED EDESINED DI ACCOMMACE WITH ASTIM 'ETAMOSADO PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORWARTER COLLECTION     CHAMBERS'     C			
<ul> <li>accCPTABLE FILL MATERIALS' TABLE ABOVE PROVIDES MATERIAL LOCATIONS, DESCRIPTIONS, GRADATIONS, AND COMPACTION REQUIREMENTS FOR FOUNDATION, EMBEDMENT, AND FILL MATERIALS' TABLE ABOVE PROVIDES MATERIAL LOCATIONS, DESCRIPTIONS, GRADATIONS, AND COMPACTION REQUIREMENTS FOR FOUNDATION, EMBEDMENT, AND FILL MATERIALS' TABLE ABOVE PROVIDES MATERIAL LOCATIONS, DESCRIPTIONS, GRADATIONS, AND COMPACTION REQUIREMENTS FOR FOUNDATION STONE</li> <li>THE STREE DESION ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE EXPLORED HOR CONTINUES.</li> <li>PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXPLORED HORIZONTON WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.</li> <li>OPERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOLS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAVER 'C' O'R D' AT THE SITE DESIGN ENGINEER'S DISCRETION.</li> </ul>		OR ASTM F2922 "STANDARD SPECIFICATION FOR POLYETHYLENE (PE) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".	
WITH CONSIDERATION FOR THE RANGE OF EXPECTED SOLIL MOISTURE CONDITIONS.         S. PERMETER STOME MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALLS.         S. ONCE LAYER TO THE SITE DESIGN ENGINEER'S DISCRETION.         B. ONCE LAYER TO TO THE SITE DESIGN ENGINEER'S DISCRETION.		3. "ACCEPTABLE FILL MATERIALS" TABLE ABOVE PROVIDES MATERIAL LOCATIONS, DESCRIPTIONS, GRADATIONS, AND COMPACTION REQUIREMENTS FOR FOUNDATION, EMBEDMENT, AND FILL	
nmm).          •. ONCE LAYER 'C' IS PLACED, ANY SOULMATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL         REQUIREMENTS OF LAYER 'C' OR 'D' AT THE SITE DESIGN ENGINEER'S DISCRETION.	ROF		
N.T.S.       STORMTECH SC-740 STANDARD CROSS SECTION	mm).	6. ONCE LAYER 'C' IS PLACED, ANY SOIL/MATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL	
N.T.S. STORMTECH SC-740 STANDARD CROSS SECTION			
NTS. STORMTECH SC-740 STANDARD CROSS SECTION			
N.T.S. STORMTECH SC-740 STANDARD CROSS SECTION			
N.I.S. STORMTECH SC-740 STANDARD CROSS SECTION			
	N.T.S.	STURMTECH SC-740 STANDARD CROSS SECTION	

