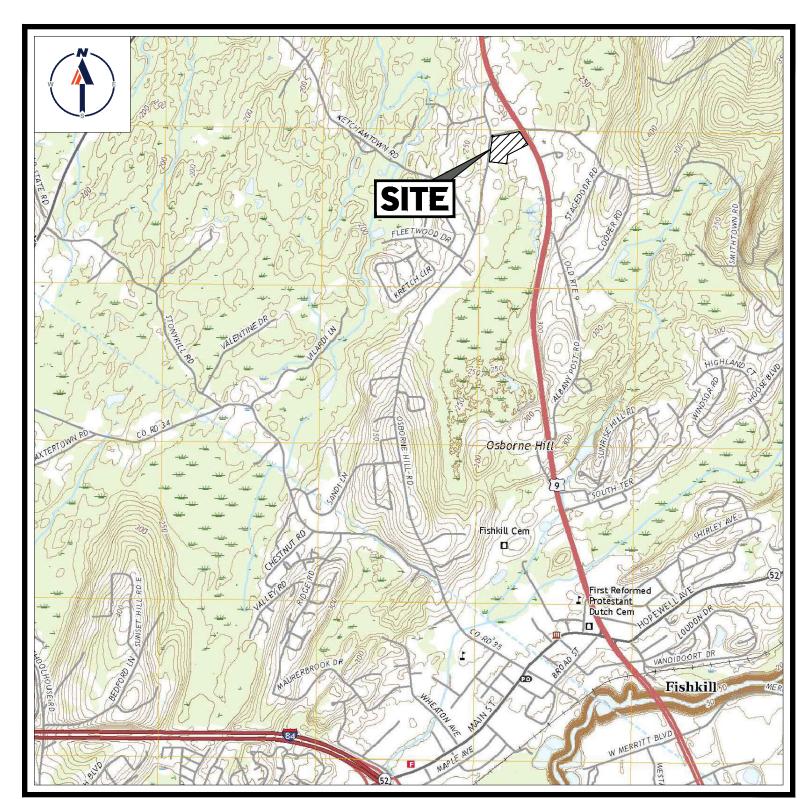
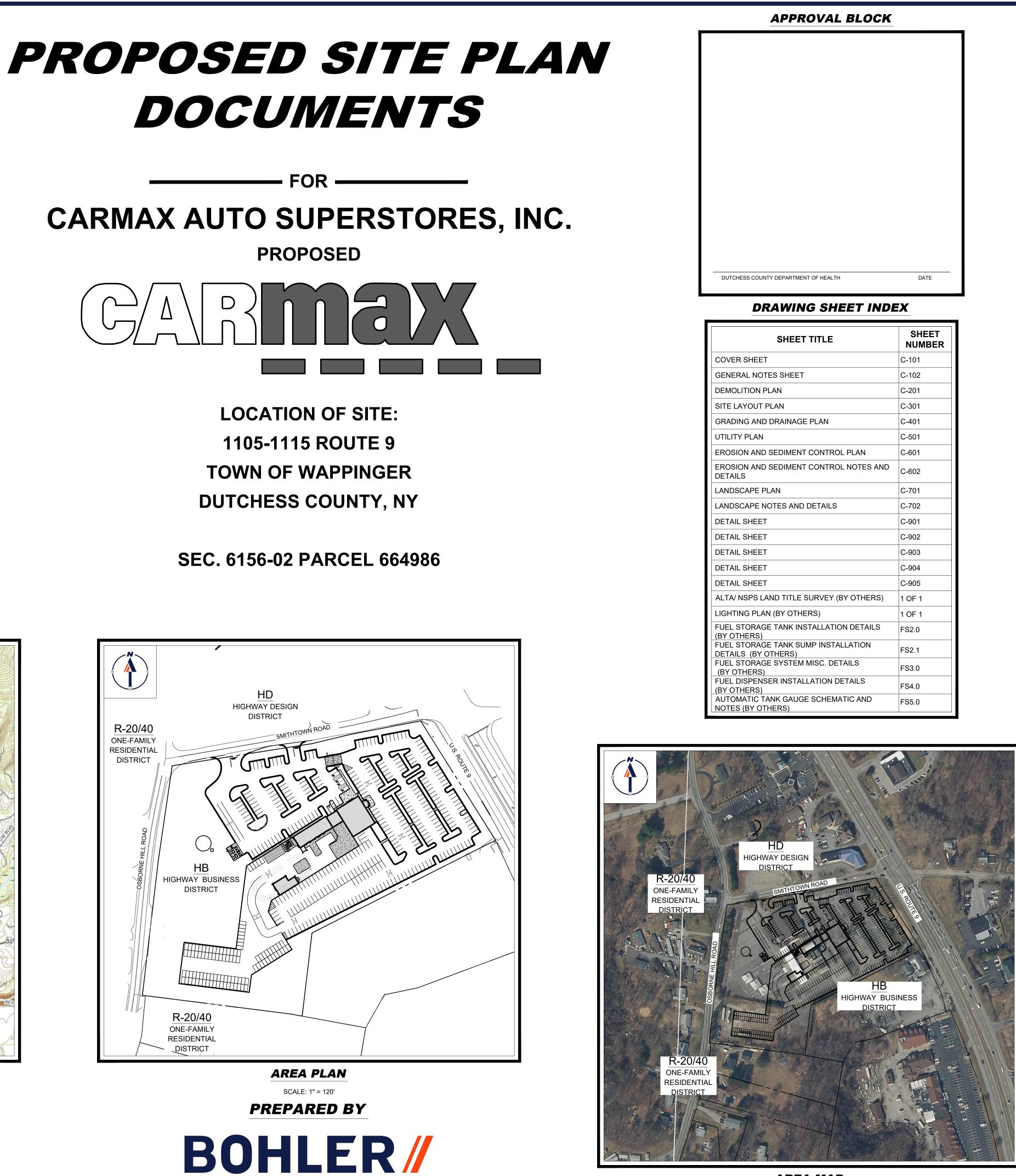
## ADJACENT PROPERTY OWNERS LIST

PARCEL	OWNER
644025	LOU PAGGIOTTA, TRUSTEE 11 JUNIPER HILL RD GARRISON, NY 10524
602945	RONALD EVANS 44 OSBORNE HILL RD FISHKILL, NY 12524
603956	JOHN F. LORENZINI 42 OSBORNE HILL RD FISHKILL, NY 12524
605989	BIRCH DUTCHESS PARK LLC 110 SIDNEY CT YORKTOWN HEIGHTS, NY 10598
671026	MYLES P DEMPSEY SR FAMILY LLC 50 MILL PLAIN RD DANBURY, CT 06811
658941	MICHAEL SPIDALIERI 51 OSBORNE HILL RD FISHKILL, NY 12524
690971	HERBERT H. REDL 80 WASHINGTON ST STE 100 POUGHKEEPSIE, NY 12601
620010	MIGUEL A. DELACRUZ 28 OSBORNE HILL RD WAPPINGERS FALLS, NY 12590
600977	THOMAS PETTIT 38 OSBORNE HILL RD WAPPINGERS FALLS, NY 12590
613999	BIRCH DUTCHESS PARK LLC 110 SIDNEY CT YORKTOWN HEIGHTS, NY 10598
596969	BARRINGTON I. BENNETT 3041 HOLLAND AVE APT 32S BRONX, NY 10467
730008	1106 PROPERTY LLC 33 WIDMER RD WAPPINGERS FALLS, NY 12590
708045	JAI K. JALAJ 9 PETER DR WAPPINGER FALLS, NY 12590



USGS MAP SCALE: 1" = 2,000' SOURCE: USGS WAPPINGER FALLS QUADRANGLE



SHEET TITLE	SHEET NUMBER
R SHEET	C-101
RAL NOTES SHEET	C-102
LITION PLAN	C-201
AYOUT PLAN	C-301
NG AND DRAINAGE PLAN	C-401
Y PLAN	C-501
ON AND SEDIMENT CONTROL PLAN	C-601
ON AND SEDIMENT CONTROL NOTES AND LS	C-602
SCAPE PLAN	C-701
SCAPE NOTES AND DETAILS	C-702
LSHEET	C-901
LSHEET	C-902
LSHEET	C-903
LSHEET	C-904
LSHEET	C-905
NSPS LAND TITLE SURVEY (BY OTHERS)	1 OF 1
ING PLAN (BY OTHERS)	1 OF 1
STORAGE TANK INSTALLATION DETAILS (HERS)	FS2.0
STORAGE TANK SUMP INSTALLATION LS (BY OTHERS)	FS2.1
STORAGE SYSTEM MISC. DETAILS THERS)	FS3.0
DISPENSER INSTALLATION DETAILS (HERS)	FS4.0
MATIC TANK GAUGE SCHEMATIC AND S (BY OTHERS)	FS5.0

AREA MAP SCALE: 1" = 200'

T			
BOODHLLERR SIE CIVIL AND CONSULTING ENGINEERING LAND SURVEYING PROGRAM MANAGEMENT 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 PROR WRITTEN AUTHORIZATION FROM BOHLER, ONLY APPROVED, SIGNED AND SEALED PLANS SHALL BE UTILIZED FOR CONSTRUCTION PURPOSES © BOHLER		
REVISIONS			
	DRAWN BY		
REV DATE COMMENT C	HECKED BY		
6 2/16/2022 COMMENTS 7 3/1/2022 PER CLIENT	MDL		
7         3/1/2022         COMMENTS           8         5/16/2022         PER TDE COMMENTS	MDL		
9         8/05/2022         PER TOWN COMMENTS	SWG		
10     9/30/2022     PER TOWN COMMENTS	MDL		
11 10/18/2022 DOT & DOH SUBMITTAL	MDL		
12 11/30/2022 PER DOT COMMENT -	MDL		
13 2/06/2023 PER TOWN COMMENT -	MDL		
14 3/20/2023 PER TOWN COMMENT -	MDL		
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Know what's <b>below.</b> Call before you dig. ALWAYS CALL 811 It's fast. It's free. It's the law. <b>PRELIMINARY</b>			
FRELIWIINAR			
THIS DRAWING IS INTENDED FOR MUNICIPAL AND/OR AG REVIEW AND APPROVAL. IT IS NOT INTENDED AS A CONSTR DOCUMENT UNLESS INDICATED OTHERWISE.			
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DRAWN BY: CHECKED BY: DATE: 09/01	MDL		
	RWO		
PROJECT: B210113			
	RWO 1/2021 8SS00		
PROJECT: PROPOSED SITE PROPOSED SITE POR FOR CARMAX AUTO SUPERSTORES, INC. PROPOSED DEVELOPMENT SEC. 6156-02- PARCEL 664986 1105-1115 ROUTE 9 TOWN OF WAPPINGER DUTCHESS COUNTY,	RWO 1/2021 8SS00		
PROJECT: PROPOSED SITE PROPOSED SITE FOR CARMAX AUTO SUPERSTORES, INC. PROPOSED DEVELOPMENT SEC. 6156-02- PARCEL 664986 1105-1115 ROUTE 9 TOWN OF WAPPINGER DUTCHESS COUNTY, NEW YORK	RWO 1/2021 8SS00		
PROJECT: PROPOSED SITE SPROPOSED SITE FOR CARMAX AUTO SUPERSTORES, INC. PROPOSED DEVELOPMENT SEC. 6156-02- PARCEL 664986 1105-1115 ROUTE 9 TOWN OF WAPPINGER DUTCHESS COUNTY, NEW YORK BOBLESS COUNTY, NEW YORK	RWO 1/2021 8SS00		
PROJECT: PROPOSED SITE POR FOR CARMAX AUTO SUPERSTORES, INC. PROPOSED DEVELOPMENT SEC. 6156-02- PARCEL 664986 1105-1115 ROUTE 9 TOWN OF WAPPINGER DUTCHESS COUNTY, NEW YORK BOBLER	RWO 1/2021 8SS00		
PROJECT: PROPOSED SITE plan document FOR CARMAX AUTO SUPERSTORES, INC. PROPOSED DEVELOPMENT SEC. 6156-02- PARCEL 664986 1105-1115 ROUTE 9 TOWN OF WAPPINGER DUTCHESS COUNTY, NEW YORK BOBLECON ALBANY, NY 12205 Phone: (518) 438-9900 Fax: (518) 438-9900 Fax: (518) 438-9900 M.D. LESSARD	RWO 1/2021 8SS00		

**REVISION 14 - 3/20/2023** 

C-101

## GENERAL NOTES

NEARBY AND CONTIGUOUS STRUCTURES AND PROPERTIES.

CORRELATED ITEMS HAVE NOT BEEN RECEIVED.

CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH THE NOTES AND SPECIFICATIONS CONTAINED HEREIN. CONTRACTOR IS RESPONSIBLE TO ENSURE THAT LL SUBCONTRACTORS FULLY AND COMPLETELY CONFORM TO AND COMPLY WITH THESE REQUIREMENTS.

- THE FOLLOWING DOCUMENTS ARE INCORPORATED BY REFERENCE AS PART OF THIS SITE PLAN: • SURVEY - " ALTA/NSPS LAND TITLE SURVEY OF THE LANDS TO BE CONVEYED TO CARMAX AUTO SUPERSTORES, INC." PREPARED BY AUSFELD & WALDRUFF LAND SURVEYORS LLP: DATED 09/16/21
- GEOTECHNICAL REPORT "PROPOSED CARMAX AUTO SUPERSTORE PSI REPORT NUMBER: 08061265 " PREPARED BY INTERTEK-PSI: DATED APRIL 27, 2021 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 RESPONSIBILIT
- 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 sea, AND 42 U.S.C. § 4151 et sea.) 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 PROCUREMENT OF ANY AND ALL CERTIFICATIONS REQUIRED FOR THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY. 5. 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 PROJEC 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. 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 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,
- 13. 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 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 SAME. 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, DETAILS AND/OR GEOTECHNICAL REPORT.
- 16. THE ENGINEER IS NOT RESPONSIBLE FOR CONSTRUCTION METHODS, MEANS, TECHNIQUES OR PROCEDURES, GENERALLY OR FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES OR PROCEDURES FOR COMPLETION OF THE WORK DEPICTED BOTH ON THESE PLANS, AND FOR ANY CONFLICTS/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 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 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 INTRACTORS 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 ITS PAST, PRESENT AND FUTURE OWNERS, OFFICERS, DIRECTORS, PARTNERS, SHAREHOLDERS, MEMBERS PRINCIPALS, COMMISSIONERS, AGENTS, SERVANTS, EMPLOYEES, AFFILIATES, SUBSIDIARIES, AND RELATED ENTITIES, AND ITS SUBCONTRACTORS AND SUBCONSULTANTS FROM AND AGAINST ANY DAMAGES. INJURIES, CLAIMS, ACTIONS, PENALTIES, EXPENSES, PUNITIVE DAMAGES, TORT DAMAGES, STATUTORY, CLAIMS. STATUTORY CAUSES OF ACTION. LOSSES. CAUSES OF ACTION. LIABILITIES OR COSTS. INCLUDING. BUT NOT LIMITED TO, REASONABLE ATTORNEYS' FEES AND DEFENSE COSTS, ARISING OUT OF OR IN ANY WAY CONNECTED WITH OR TO THE 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 THE DESIGN INTENT AND THE INFORMATION SHOWN IN THE CONSTRUCTION CONTRACT DOCUMENTS. CONSTRUCTION MEANS AND/OR METHODS AND/OR ECHNIQUES 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. REVIEW OF A SPECIFIC ITEM MUST NOT 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
- 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, AFFILIATES, 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 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 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
- 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 SUCH 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.

ADDITIONAL INSURED UNDER THE GENERAL CONTRACTOR'S POLICIES OF GENERAL LIABILITY INSURANCE AS DESCRIBED ABOVE IN NOTE 19 FOR JOB SITE

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.

- 24. ENGINEER IS NOT RESPONSIBLE FOR ANY INJURY OR DAMAGES RESULTING FROM CONTRACTOR'S FAILURE TO BUILD OR CONSTRUCT IN STRICT ACCORDANCE 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 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
- 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.

28 CONTRACTOR AND OWNER MUST INSTALL ALL FLEMENTS AND COMPONENTS IN STRICT COMPLIANCE WITH AND ACCORDANCE WITH MANUFACTURER'S

- 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
- 0. 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

- 1. LOCATIONS OF ALL EXISTING AND PROPOSE ANY CONSTRUCTION OR EXCAVATION. SAM FIELD PRIOR TO THE COMMENCEMENT OF CO BEGINNING AT THE LOWEST INVERT (POINT SHALL BE FIELD VERIFIED BY TEST PIT PRIOR
- CONTRACTOR MUST VERTICALLY AND HORIZ TELEPHONE, CABLE, FIBER OPTIC CABLE, ET WITH THE REQUIREMENTS OF THE APPLICAE DAMAGE TO ANY EXISTING UTILITIES DURING UTILITIES DURING CONSTRUCTION.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASSOCIATED WITH THE PROJECT WORK SCC BETWEEN THE DOCUMENTS RELATIVE TO TH CONTRACTOR'S SOLE RESPONSIBILITY TO N CONSTRUCTION. CONTRACTOR'S FAILURE 1 COMPLETE THE SCOPE OF WORK AS DEFINE CODES AND, FURTHER, CONTRACTOR SHALL
- 4. THE CONTRACTOR MUST LOCATE AND CLEAR TO BE REMOVED. THE CONTRACTOR IS RESP ACTIVITY.
- THE CONTRACTOR MUST FAMILIARIZE ITSEL DEMOLITION AS IDENTIFIED OR REQUIRED FO HAVE BEEN TERMINATED AND ABANDONED I STATUTES, LAWS, ORDINANCES AND CODES.
- . THE CONTRACTOR MUST INSTALL ALL STORM CONTRACTOR IS RESPONSIBLE FOR COORDI
- REQUIREMENTS/DETAILS, DOOR ACCESS, AN OF UTILITIES/SERVICES WITH THE INDIVIDUA INSURING THAT INSTALLATION OF ALL IMPR REQUIREMENTS, RULES, STATUTES, LAWS, ( THE EXISTING UTILITY/SERVICE WHERE A C POINTS DIFFER, THE CONTRACTOR MUST IMI
- WATER SERVICE MATERIALS. BURIAL DEPTH INCLUDE ALL FEES, COSTS AND APPURTENA MUNICIPALITY TO CONFIRM THE PROPER WA
- ALL NEW UTILITIES/SERVICES. INCLUDING EL ACCORDANCE WITH THE UTILITY/SERVICE P
- SITE GRADING MUST BE PERFORMED IN ACC IN THIS PLAN SET. THE CONTRACTOR IS RES REPORT. ALL EXCAVATED OR FILLED AREAS A COMPACTION REPORT PREPARED BY A QUA AND SUBGRADE AREAS WITHIN THE BUILDIN RECOMMENDATIONS SET FORTH IN THE GEC SIDEWALKS, CURB, OR ASPHALT MUST BE FI OWNER/DEVELOPER'S REPRESENTATIVE SU EARTHWORK ACTIVITIES INCLUDING, BUT NO ALL APPLICABLE REQUIREMENTS, RULES, ST ROADWAY CONSTRUCTION (LATEST EDITION)
- ALL FILL, COMPACTION, AND BACKFILL MATE BE COORDINATED WITH THE APPLICABLE UT AT A MINIMUM. COMPLY WITH THE STATE DO COMPACTION AND BACKFILL. FURTHER, COM
- THE CONTRACTOR MUST COMPLY. TO THE F AND TRENCHING PROCEDURES THE CONTR OSHA. AS WELL AS ANY OTHER ENTITY THAT RELATED FOR OR AS RELATED TO EXCAVATI
- PAVEMENT MUST BE SAW CUT IN STRAIGHT I REMOVAL OPERATIONS MUST BE REMOVED F
- THE TOPS OF EXISTING MANHOLES. INLET ST APPLICABLE STANDARDS, REQUIREMENTS, F
- 15. DURING THE INSTALLATION OF SANITARY SE CONSTRUCTION TO IDENTIFY THE AS-INSTAL FROM THE INFORMATION CONTAINED IN THE PROVIDE TO THE OWNER AT THE COMPLETIC
- 16. WHEN THE SITE IMPROVEMENT PLANS INVOL LIMITED TO STORM SEWER, SANITARY SEWER RESPONSIBLE CONTRACTOR MUST CAP EN DRAINAGE OR UTILITY PLAN, WHICH CONTRA
- 17. THE CONTRACTOR IS FULLY RESPONSIBLE F CONTRACTOR MUST CONFIRM AND ENSURE (EXCEPT WHERE ADA REQUIREMENTS OR EX ANY DISCREPANCIES THAT MAY OR COULD A WITHOUT PROVIDING PROPER NOTIFICATION ENGINEER FOR ANY DAMAGES, COSTS, INJUI
- 18. PROPOSED TOP OF CURB ELEVATIONS ARE GUTTER GRADE ALONG CURB FACE. IT IS CO
- 19 IN THE EVENT OF DISCREPANCIES AND/OR ( IMMEDIATELY NOTIFY THE DESIGN ENGINEER
- CONTRACTOR IS REQUIRED TO SECURE ALL MUST SUPPLY A COPY OF APPROVALS TO E
- 21. WHERE RETAINING WALLS (WHETHER OR NO WALL. WALL FOOTINGS/FOUNDATION ELEVA DRAWINGS PREPARED BY THE APPROPRIAT
- 22 STORM DRAINAGE PIPE UNLESS INDICATED ( POLYETHYLENE PIPE (HDPE) IS CALLED FOR SILT TIGHT JOINT. PVC PIPE FOR ROOF DRAI
- 23. 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

G & UTILITY PLAN NOTES	GENERAL DEMOLITION NOTES
SED SERVICES ARE APPROXIMATE AND MUST BE INDEPENDENTLY CONFIRMED WITH LOCAL UTILITY COMPANIES PRIOR TO COMMENCEMENT OF	1. THIS PLAN REFERENCES DOCUMENTS AND INFORMATION BY:
NITARY SEWER AND ALL OTHER UTILITY SERVICE CONNECTION POINTS MUST BE INDEPENDENTLY CONFIRMED BY THE CONTRACTOR IN THE CONSTRUCTION. ALL DISCREPANCIES MUST IMMEDIATELY BE REPORTED, IN WRITING, TO THE ENGINEER. CONSTRUCTION MUST COMMENCE T OF CONNECTION) AND PROGRESS UP GRADIENT. PROPOSED INTERFACE POINTS (CROSSINGS) WITH EXISTING UNDERGROUND UTILITIES OR TO COMMENCEMENT OF CONSTRUCTION.	SURVEY - " ALTA/NSPS LAND TITLE SURVEY OF THE LANDS TO BE CONVEYED TO CARMAX AUTO SUPERSTORES, INC. SURVEYORS LLP: DATED 09/16/21.
RIZONTALLY LOCATE ALL UTILITIES AND SERVICES INCLUDING, BUT NOT LIMITED TO, GAS, WATER, ELECTRIC, SANITARY AND STORM SEWER, ETC. WITHIN THE LIMITS OF DISTURBANCE OR WORK SPACE, WHICHEVER IS GREATER. THE CONTRACTOR MUST USE, REFER TO, AND COMPLY	2. CONTRACTOR SHALL PERFORM ALL WORK IN ACCORDANCE WITH THE REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND H AMENDED AND ANY MODIFICATIONS, AMENDMENTS OR REVISIONS TO SAME.
ABLE UTILITY NOTIFICATION SYSTEM TO LOCATE ALL THE UNDERGROUND UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ALL NG CONSTRUCTION, AT NO COST TO THE OWNER. CONTRACTOR SHALL BEAR ALL COSTS ASSOCIATED WITH DAMAGE TO ANY EXISTING	3. BOHLER ENGINEERING HAS NO CONTRACTUAL, LEGAL, OR OTHER RESPONSIBILITY FOR JOB SITE SAFETY OR JOB SITE SUPER
TO REVIEW ALL CONSTRUCTION CONTRACT DOCUMENTS INCLUDING, BUT NOT LIMITED TO, ALL OF THE DRAWINGS AND SPECIFICATIONS COPE PRIOR TO THE INITIATION AND COMMENCEMENT OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT AND/OR DISCREPANCY	
THE SPECIFICATIONS OR THE RELATIVE OR APPLICABLE CODES, REGULATIONS, LAWS, RULES, STATUTES AND/OR ORDINANCES, IT IS THE NOTIFY THE PROJECT ENGINEER OF RECORD, IN WRITING, OF SAID CONFLICT AND/OR DISCREPANCY PRIOR TO THE START OF E TO NOTIFY THE PROJECT ENGINEER SHALL CONSTITUTE CONTRACTOR'S FULL AND COMPLETE ACCEPTANCE OF ALL RESPONSIBILITY TO NED BY THE DRAWINGS AND IN FULL COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS, LAWS, STATUTES, ORDINANCES AND ALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH SAME.	5. CONTRACTOR MUST RAISE ANY QUESTIONS CONCERNING THE ACCURACY OR INTENT OF THESE PLANS OR SPECIFICATIONS, SAFETY STANDARDS, OR THE SAFETY OF THE CONTRACTOR OR THIRD PARTIES IN PERFORMING THE WORK ON THIS PROJEC' RESPONDED TO BY BOHLER, IN WRITING, PRIOR TO THE INITIATION OF ANY SITE ACTIVITY AND ANY DEMOLITION ACTIVITY. ALL IN ACCORDANCE WITH THE REQUIREMENTS OF THESE PLANS AND SPECIFICATIONS AND ALL APPLICABLE FEDERAL, STATE AN REQUIREMENTS, STATUTES, ORDINANCES AND CODES.
EARLY AND UNAMBIGUOUSLY DEFINE VERTICALLY AND HORIZONTALLY ALL ACTIVE AND INACTIVE UTILITY AND/OR SERVICE SYSTEMS THAT ARE ESPONSIBLE TO PROTECT AND MAINTAIN ALL ACTIVE AND INACTIVE SYSTEMS THAT ARE NOT BEING REMOVED/RELOCATED DURING SITE	6. 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 PUBL THE DURATION OF THE PROJECT, SITE WORK, AND DEMOLITION WORK.
ELF WITH THE APPLICABLE UTILITY SERVICE PROVIDER REQUIREMENTS AND IS RESPONSIBLE FOR ALL COORDINATION REGARDING UTILITY FOR THE PROJECT. THE CONTRACTOR MUST PROVIDE THE OWNER WITH WRITTEN NOTIFICATION THAT THE EXISTING UTILITIES AND SERVICES D IN ACCORDANCE WITH THE JURISDICTION AND UTILITY COMPANY REQUIREMENTS AND ALL OTHER APPLICABLE REQUIREMENTS, RULES,	B. NOTIFYING, AT A MINIMUM, THE MUNICIPAL ENGINEER, DESIGN ENGINEER, AND LOCAL SOIL CONSERVATION DISTRICT, 72 HOU
	C.INSTALLING THE REQUIRED SOIL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO SITE DISTURBANCE.
ORM SEWER AND SANITARY SEWER COMPONENTS WHICH FUNCTION BY GRAVITY PRIOR TO THE INSTALLATION OF ALL OTHER UTILITIES.	D.IN ACCORDANCE WITH STATE LAW, THE CONTRACTOR MUST CALL THE STATE ONE-CALL DAMAGE PROTECTION SYSTEM EXCAVATION.
AND EXTERIOR GRADING. THE ARCHITECT WILL DETERMINE THE UTILITY SERVICE SIZES. THE CONTRACTOR MUST COORDINATE INSTALLATION JAL COMPANIES, TO AVOID CONFLICTS AND TO ENSURE THAT PROPER DEPTHS ARE ACHIEVED. THE CONTRACTOR IS RESPONSIBLE FOR PROVEMENTS COMPLIES WITH ALL UTILITY REQUIREMENTS WITH JURISDICTION AND/OR CONTROL OF THE SITE, AND ALL OTHER APPLICABLE 6, ORDINANCES AND CODES AND, FURTHER, IS RESPONSIBLE FOR COORDINATING THE UTILITY TIE-INS/CONNECTIONS PRIOR TO CONNECTING TO	E.LOCATING AND PROTECTING ALL UTILITIES AND SERVICES, INCLUDING BUT NOT LIMITED TO GAS, WATER, ELECTRIC, SANI FIBER OPTIC CABLE, ETC. WITHIN AND ADJACENT TO THE LIMITS OF PROJECT ACTIVITIES. THE CONTRACTOR MUST USE A APPLICABLE UTILITY NOTIFICATION SYSTEM TO LOCATE ALL THE UNDERGROUND UTILITIES.
CONFLICT(S) EXISTS BETWEEN THESE SITE PLANS AND THE ARCHITECTURAL PLANS, OR WHERE ARCHITECTURAL PLAN UTILITY CONNECTION IMMEDIATELY NOTIFY THE ENGINEER, IN WRITING, AND PRIOR TO CONSTRUCTION, RESOLVE SAME.	F. PROTECTING AND MAINTAINING IN OPERATION, ALL ACTIVE UTILITIES AND SYSTEMS THAT ARE NOT BEING REMOVED DURING
TH, AND COVER REQUIREMENTS MUST BE SPECIFIED BY THE LOCAL UTILITY COMPANY. CONTRACTOR'S PRICE FOR WATER SERVICE MUST VANCES REQUIRED BY THE UTILITY TO PROVIDE FULL AND COMPLETE WORKING SERVICE. CONTRACTOR MUST CONTACT THE APPLICABLE VATER METER AND VAULT, PRIOR TO COMMENCING CONSTRUCTION.	G.ARRANGING FOR AND COORDINATING WITH THE APPLICABLE UTILITY SERVICE PROVIDER(S) FOR THE TEMPORARY OR PERM. THE PROJECT PLANS AND SPECIFICATIONS. THE CONTRACTOR MUST PROVIDE THE UTILITY ENGINEER AND OWNER WRITT AND SERVICES HAVE BEEN TERMINATED AND ABANDONED IN ACCORDANCE WITH JURISDICTIONAL AND UTILITY COMPANY RE
ELECTRIC, TELEPHONE, CABLE TV, ETC. ARE TO BE INSTALLED UNDERGROUND. ALL NEW UTILITIES/SERVICES MUST BE INSTALLED IN PROVIDER INSTALLATION SPECIFICATIONS AND STANDARDS.	H.COORDINATION WITH UTILITY COMPANIES REGARDING WORKING "OFF-PEAK" HOURS OR ON WEEKENDS AS MAY BE REQUIR PARTIES. WORK REQUIRED TO BE DONE "OFF-PEAK" IS TO BE DONE AT NO ADDITIONAL COST TO THE OWNER.
CCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE GEOTECHNICAL REPORT REFERENCED ESPONSIBLE FOR REMOVING AND REPLACING UNSUITABLE MATERIALS WITH SUITABLE MATERIALS AS SPECIFIED IN THE GEOTECHNICAL AS MUST BE COMPACTED AS OUTLINED IN THE GEOTECHNICAL REPORT. MOISTURE CONTENT AT TIME OF PLACEMENT MUST BE SUBMITTED IN QUALIFIED GEOTECHNICAL ENGINEER. REGISTERED WITH THE STATE WHERE THE WORK IS PERFORMED. VERIFYING THAT ALL FILLED AREAS	I. IN THE EVENT THE CONTRACTOR DISCOVERS ANY HAZARDOUS MATERIAL, THE REMOVAL OF WHICH IS NOT ADDRESSED IN CONTRACTOR MUST IMMEDIATELY CEASE ALL WORK AND IMMEDIATELY NOTIFY THE OWNER AND ENGINEER OF THE DISCOVE
	7. THE FIRM OR ENGINEER OF RECORD IS NOT RESPONSIBLE FOR JOB SITE SAFETY OR SUPERVISION. CONTRACTOR MUST PRO AND SAFE MANNER, FOLLOWING ALL THE OSHA REQUIREMENTS, TO ENSURE PUBLIC AND CONTRACTOR SAFETY.
NOT LIMITED TO, EXCAVATION, BACKFILL, AND COMPACTING MUST COMPLY WITH THE RECOMMENDATIONS IN THE GEOTECHNICAL REPORT AND STATUTES, LAWS, ORDINANCES AND CODES. EARTHWORK ACTIVITIES MUST COMPLY WITH THE STANDARD STATE DOT SPECIFICATIONS FOR DN) AND ANY AMENDMENTS OR REVISIONS THERETO.	8. THE CONTRACTOR MUST PROVIDE ALL "MEANS AND METHODS" NECESSARY TO PREVENT MOVEMENT, SETTLEMENT, OR CONTRACTOR IMPROVEMENTS THAT ARE REMAINING ON OR OFF SITE. THE CONTRACTOR IS RESPONSIBLE FOR ALL REPAIRS OF CONTRACTOR MUST USE NEW MATERIAL FOR ALL REPAIRS. CONTRACTOR'S REPAIR MUST INCLUDE THE RESTORATION OF CONDITION, OR BETTER. CONTRACTOR SHALL PERFORM ALL REPAIRS AT THE CONTRACTOR'S SOLE EXPENSE.
TERIALS REQUIRED FOR UTILITY INSTALLATION MUST BE AS PER THE RECOMMENDATIONS PROVIDED IN THE GEOTECHNICAL REPORT AND MUST JTILITY COMPANY SPECIFICATIONS. WHEN THE PROJECT DOES NOT HAVE GEOTECHNICAL RECOMMENDATIONS, FILL AND COMPACTION MUST, DOT REQUIREMENTS AND SPECIFICATIONS AND CONSULTANT SHALL HAVE NO LIABILITY OR RESPONSIBILITY FOR OR AS RELATED TO FILL, CONTRACTOR IS FULLY RESPONSIBLE FOR EARTHWORK BALANCE.	
E FULLEST EXTENT, WITH THE LATEST OSHA STANDARDS AND REGULATIONS, AND/OR ANY OTHER AGENCY WITH JURISDICTION FOR EXCAVATION TRACTOR IS RESPONSIBLE FOR DETERMINING THE "MEANS AND METHODS" REQUIRED TO MEET THE INTENT AND PERFORMANCE CRITERIA OF AT HAS JURISDICTION FOR EXCAVATION AND/OR TRENCHING PROCEDURES AND CONSULTANT SHALL HAVE NO RESPONSIBILITY FOR OR AS ATION AND TRENCHING PROCEDURES.	10. CONTRACTOR MUST BACKFILL ALL EXCAVATION RESULTING FROM, OR INCIDENTAL TO, DEMOLITION ACTIVITIES. BACKF BACKFILL MATERIALS, AND MUST BE SUFFICIENTLY COMPACTED TO SUPPORT NEW IMPROVEMENTS AND PERFORMED IN CO GUIDANCE IN THE GEOTECHNICAL REPORT. BACKFILLING MUST OCCUR IMMEDIATELY AFTER DEMOLITION ACTIVITIES, AN ENTERING THE EXCAVATION. FINISHED SURFACES MUST BE GRADED TO PROMOTE POSITIVE DRAINAGE.
IT LINES, AND EXCEPT FOR EDGE OF BUTT JOINTS, MUST EXTEND TO THE FULL DEPTH OF THE EXISTING PAVEMENT. ALL DEBRIS FROM D FROM THE SITE AT THE TIME OF EXCAVATION. STOCKPILING OF DEBRIS WILL NOT BE PERMITTED. STRUCTURES, AND SANITARY CLEANOUT TOPS MUST BE ADJUSTED. AS NECESSARY, TO MATCH PROPOSED GRADES IN ACCORDANCE WITH ALL	11. EXPLOSIVES MUST NOT BE USED WITHOUT PRIOR WRITTEN CONSENT OF BOTH THE OWNER AND ALL APPLICABLE GOVE PERMITS AND EXPLOSIVE CONTROL MEASURES THAT ARE REQUIRED BY THE FEDERAL, STATE, AND LOCAL GOVERNMEN STARTING AN EXPLOSIVE PROGRAM AND/OR ANY DEMOLITION. THE CONTRACTOR IS ALSO RESPONSIBLE FOR ALL INSPEC
S, RULES, STATUTES, LAWS, ORDINANCES AND CODES.	REQUIRED TO MONITOR THE EFFECTS ON ALL LOCAL STRUCTURES.
SEWER, STORM SEWER, AND ALL UTILITIES, THE CONTRACTOR MUST MAINTAIN A CONTEMPORANEOUS AND THOROUGH RECORD OF ALLED LOCATIONS OF ALL UNDERGROUND INFRASTRUCTURE. THE CONTRACTOR MUST CAREFULLY NOTE ANY INSTALLATIONS THAT DEVIATE HE UTILITY PLAN. THIS RECORD MUST BE KEPT ON A CLEAN COPY OF THE DRAINAGE OR UTILITY PLAN, WHICH CONTRACTOR MUST PROMPTLY TION OF WORK.	<ol> <li>CONTRACTOR MUST PROVIDE TRAFFIC CONTROL AND GENERALLY ACCEPTED SAFE PRACTICES IN CONFORMANCE WITH TRAFFIC CONTROL DEVICES" (MUTCD), AND THE FEDERAL, STATE, AND LOCAL REGULATIONS WHEN DEMOLITION RELATED AC RIGHT-OF-WAY.</li> </ol>
OLVE MULTIPLE BUILDINGS, SOME OF WHICH MAY BE BUILT AT A LATER DATE, THE CONTRACTOR MUST EXTEND ALL LINES, INCLUDING BUT NOT VER, UTILITIES, AND IRRIGATION LINE, TO A POINT AT LEAST FIVE (5) FEET BEYOND THE PAVED AREAS FOR WHICH THE CONTRACTOR IS ENDS AS APPROPRIATE, MARK LOCATIONS WITH A 2X4, AND MUST NOTE THE LOCATION OF ALL OF THE ABOVE ON A CLEAN COPY OF THE RACTOR MUST PROMPTLY PROVIDE TO THE OWNER UPON COMPLETION OF THE WORK.	13. CONTRACTOR MUST CONDUCT DEMOLITION ACTIVITIES IN SUCH A MANNER TO ENSURE MINIMUM INTERFERENCE WITH R OTHER ADJACENT FACILITIES. STREET CLOSURE PERMITS MUST BE RECEIVED FROM THE APPROPRIATE GOVERNMENTAL A ANY ROAD OPENING OR DEMOLITION ACTIVITIES IN OR ADJACENT TO THE RIGHT-OF-WAY.
E FOR VERIFICATION OF EXISTING TOPOGRAPHIC INFORMATION AND UTILITY INVERT ELEVATIONS PRIOR TO COMMENCING ANY CONSTRUCTION.	14. DEMOLITION ACTIVITIES AND EQUIPMENT MUST NOT USE AREAS OUTSIDE THE DEFINED PROJECT LIMIT LINE, WITHOUT V GOVERNMENTAL AGENCIES WITH JURISDICTION.
RE 0.75% MINIMUM SLOPE AGAINST ALL ISLANDS, GUTTERS, AND CURBS; 1.0% ON ALL CONCRETE SURFACES; AND 1.5% MINIMUM ON ASPHALT EXISTING TOPOGRAPHY LIMIT GRADES), TO PREVENT PONDING. CONTRACTOR MUST IMMEDIATELY IDENTIFY, IN WRITING TO THE ENGINEER, D AFFECT THE PUBLIC SAFETY, HEALTH OR GENERAL WELFARE, OR PROJECT COST. IF CONTRACTOR PROCEEDS WITH CONSTRUCTION ON, MUST BE AT THE CONTRACTOR'S OWN RISK AND, FURTHER, CONTRACTOR SHALL INDEMNIFY, DEFEND AND HOLD HARMLESS THE DESIGN JURIES, ATTORNEY'S FEES AND THE LIKE WHICH RESULT FROM SAME.	15. THE CONTRACTOR MUST USE DUST CONTROL MEASURES TO LIMIT AIRBORNE DUST AND DIRT RISING AND SCATTERING IN T AND/OR LOCAL STANDARDS. AFTER THE DEMOLITION IS COMPLETE, CONTRACTOR MUST CLEAN ALL ADJACENT STRUCTUR AND DEBRIS CAUSED BY THE DEMOLITION OPERATIONS. THE CONTRACTOR IS RESPONSIBLE FOR RETURNING ALL A CONDITION.
E GENERALLY 6" ABOVE EXISTING LOCAL ASPHALT GRADE UNLESS OTHERWISE NOTED. FIELD ADJUST TO CREATE A MINIMUM OF 0.75% CONTRACTOR'S OBLIGATION TO ENSURE THAT DESIGN ENGINEER APPROVES FINAL CURBING CUT SHEETS PRIOR TO INSTALLATION OF SAME.	16. CONTRACTOR IS RESPONSIBLE TO SAFEGUARD THE SITE AS NECESSARY TO PERFORM THE DEMOLITION IN SUCH A MANNER
CONFLICTS BETWEEN PLANS OR RELATIVE TO OTHER PLANS, THE SITE PLAN WILL TAKE PRECEDENCE AND CONTROL. CONTRACTOR MUST ER, IN WRITING, OF ANY DISCREPANCIES AND/OR CONFLICTS.	PERSONS AT ANY TIME. 17. CONTRACTOR IS RESPONSIBLE FOR SITE JOB SAFETY, WHICH MUST INCLUDE, BUT NOT BE LIMITED TO, THE INSTALLATION A
LL NECESSARY AND/OR REQUIRED PERMITS AND APPROVALS FOR ALL OFF SITE MATERIAL SOURCES AND DISPOSAL FACILITIES. CONTRACTOR ENGINEER AND OWNER PRIOR TO INITIATING ANY WORK.	OTHER APPROPRIATE SAFETY ITEMS NECESSARY TO PROTECT THE PUBLIC FROM AREAS OF CONSTRUCTION AND CONSTRUCT
ENGINEER AND OWNER PRIOR TO INITIATING ANT WORK. NOT THEY MEET THE JURISDICTIONAL DEFINITION) ARE IDENTIFIED ON PLANS, ELEVATIONS IDENTIFIED ARE FOR THE EXPOSED PORTION OF THE VATIONS ARE NOT IDENTIFIED HEREIN AND ARE TO BE SET/DETERMINED BY THE CONTRACTOR BASED ON FINAL STRUCTURAL DESIGN SHOP ATE PROFESSIONAL LICENSED IN THE STATE WHERE THE CONSTRUCTION OCCURS.	18. THIS DEMOLITION PLAN IS INTENDED TO IDENTIFY THOSE EXISTING ITEMS/CONDITIONS WHICH ARE TO BE REMOVED. IT IS NO MEANS, METHODS, SEQUENCING, TECHNIQUES AND PROCEDURES TO BE USED TO ACCOMPLISH THAT WORK. ALL MEAN PROCEDURES TO BE USED MUST BE IN STRICT ACCORDANCE WITH ALL STATE, FEDERAL, LOCAL, AND JURISDICTIONAL REQ WITH ALL OSHA AND OTHER SAFETY PRECAUTIONS NECESSARY TO PROVIDE A SAFE WORK SITE.
D OTHERWISE, ALL STORM SEWER PIPE MUST BE REINFORCED CONCRETE PIPE (RCP) CLASS III WITH SILT TIGHT JOINTS. WHEN HIGH-DENSITY OR ON THE PLANS, IT MUST CONFORM TO AASHTO M294 AND TYPE S (SMOOTH INTERIOR WITH ANGULAR CORRUGATIONS) WITH GASKET FOR RAIN CONNECTION MUST BE SDR 26 OR SCHEDULE 40 UNLESS INDICATED OTHERWISE.	19. DEBRIS MUST NOT BE BURIED ON THE SUBJECT SITE. ALL DEMOLITION WASTES AND DEBRIS (SOLID WASTE) MUST BE DISP COUNTY, STATE, AND FEDERAL LAWS AND APPLICABLE CODES. THE CONTRACTOR MUST MAINTAIN RECORDS TO DEMON PROMPTLY PROVIDED TO THE OWNER UPON REQUEST.

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

25. STORM AND SANITARY SEWER PIPE LENGTHS INDICATED ARE NOMINAL AND MEASURED CENTER OF INLET AND/OR MANHOLES STRUCTURE TO CENTER OF STRUCTURE 26. STORMWATER ROOF DRAIN LOCATIONS ARE BASED ON PRELIMINARY ARCHITECTURAL PLANS. CONTRACTOR IS RESPONSIBLE TO AND FOR VERIFYING LOCATIONS OF SAME BASED ON

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 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 ADDA INSTRUCTIONS TO CONTRACTOR: 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

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

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

31. CONSULTANT IS NEITHER LIABLE NOR RESPONSIBLE FOR ANY SUBSURFACE CONDITIONS AND FURTHER, SHALL HAVE NO LIABILITY FOR ANY HAZARDOUS MATERIALS, HAZARDOUS SUBSTANCES, OR POLLUTANTS ON, ABOUT OR UNDER THE PROPERTY. **APPROVAL BLOCK** 

DUTCHESS COUNTY DEPARTMENT OF HEALTH	DATE
BOTCHEOG COONTE DEPARTIMENT OF HEALTH	DATE

### I NOTES

- THE LANDS TO BE CONVEYED TO CARMAX AUTO SUPERSTORES, I
- RDANCE WITH THE REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND OR REVISIONS TO SAM
- GAL, OR OTHER RESPONSIBILITY FOR JOB SITE SAFETY OR JOB SITE SUP ENERAL INFORMATION, ONLY, REGARDING ITEMS TO BE DEMOLISHED AN UDE IN DEMOLITION ACTIVITIES ALL INCIDENTAL WORK NECESSARY F

- OR IS RESPONSIBLE FOR/TO:
- ING THE SAME ON SITE FOR REVIEW BY THE ENGINEER AND OTHER PU DEMOLITION WORK ER. DESIGN ENGINEER, AND LOCAL SOIL CONSERVATION DISTRICT, 72 H
- DIMENT CONTROL MEASURES PRIOR TO SITE DISTURBANCE
- CTOR MUST CALL THE STATE ONE-CALL DAMAGE PROTECTION SYSTE
- ERVICES, INCLUDING BUT NOT LIMITED TO GAS, WATER, ELECTRIC, SAN TO THE LIMITS OF PROJECT ACTIVITIES. THE CONTRACTOR MUST USE CATE ALL THE UNDERGROUND UTILITIES.
- ACTIVE UTILITIES AND SYSTEMS THAT ARE NOT BEING REMOVED DURIN PPLICABLE UTILITY SERVICE PROVIDER(S) FOR THE TEMPORARY OR PEF CONTRACTOR MUST PROVIDE THE UTILITY ENGINEER AND OWNER WRI
- ING WORKING "OFF-PEAK" HOURS OR ON WEEKENDS AS MAY BE REQU " IS TO BE DONE AT NO ADDITIONAL COST TO THE OWNER.
- HAZARDOUS MATERIAL, THE REMOVAL OF WHICH IS NOT ADDRESSED I K AND IMMEDIATELY NOTIFY THE OWNER AND ENGINEER OF THE DISCO INSIBLE FOR JOB SITE SAFETY OR SUPERVISION CONTRACTOR MUST P
- ND METHODS" NECESSARY TO PREVENT MOVEMENT SETTLEMENT OF OR OFF SITE. THE CONTRACTOR IS RESPONSIBLE FOR ALL REPAIRS REPAIRS. CONTRACTOR'S REPAIR MUST INCLUDE THE RESTORATION FORM ALL REPAIRS AT THE CONTRACTOR'S SOLE EXPENSE

- ETY WHICH MUST INCLUDE BUT NOT BE LIMITED TO THE INSTALLAT O PROTECT THE PUBLIC FROM AREAS OF CONSTRUCTION AND CONS HOSE EXISTING ITEMS/CONDITIONS WHICH ARE TO BE REMOVED. IT
- ID PROCEDURES TO BE USED TO ACCOMPLISH THAT WORK. ALL M ORDANCE WITH ALL STATE, FEDERAL, LOCAL, AND JURISDICTIONAL NECESSARY TO PROVIDE A SAFE WORK SITE.
- TE ALL DEMOLITION WASTES AND DEBRIS (SOLID WASTE) MUST BE I CABLE CODES. THE CONTRACTOR MUST MAINTAIN RECORDS TO DI
- 20. CONTRACTOR MUST MAINTAIN A RECORD SET OF PLANS UPON WHICH IS INDICATED THE LOCATION OF EXISTING UTILITIES THAT ARE CAPPED, ABANDONED IN PLACE, OR RELOCATED DUE TO DEMOLITION ACTIVITIES. THIS RECORD DOCUMENT MUST BE PREPARED IN A NEAT AND WORKMAN-LIKE MANNER, AND TURNED OVER TO THE OWNER/DEVELOPER UPON COMPLETION OF THE WORK.

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 TRAVELEROM 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. BUT ARE NOT LIMITED TO THE FOLLOWING:

- PARKING SPACES AND PARKING AISLES SLOPE SHALL NOT EXCEED 1:50 (1/4" PER FOOT OR NOMINALLY 2.0%) IN ANY DIRECTION. CURB RAMPS - SLOPE MUST NOT EXCEED 1:12 (8.3%) FOR A MAXIMUM OF SIX (6) FEET.
- 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 ANY
- PATH OF TRAVEL ALONG ACCESSIBLE ROUTE MUST PROVIDE A 36-INCH OR GREATER UNOBSTRUCTED WIDTH OF TRAVEL (CAR OVERHANGS AND/OR HANDRAILS CANNOT 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 OR 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%), FOR 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 MORE 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 OR NOMINALLY 2.0%) FOR POSITIVE DRAINAGE. THIS LANDING AREA MUST BE NO LESS THAN 60 INCHES (5 FEET) LONG. EXCEPT WHERE OTHERWISE PERMITTED BY ADA 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 OR EXTENSION OF OR TO ADA COMPONENTS FROM EXISTING DOORWAYS OR SURFACES CONTRACTOR MUST VERIEV EXISTING FLEVATIONS SHOWN ON THE PLAN. NOTE THAT TABLE 405.2 OF THE DEPARTMENT OF JUSTICE'S ADA STANDARDS FOR ACCESSIBLE DESIGN ALLOWS FOR STEEPER RAMP SLOPES. IN RARE CIRCUMSTANCES. THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE DESIGN ENGINEER OF ANY DISCREPANCIES AND/OR FIELD CONDITIONS THAT DIFFER IN ANY WAY OR ANY RESPECT FROM WHAT IS SHOWN ON THE PLANS. IN WRITING, BEFORE COMMENCEMENT O WORK. CONSTRUCTED IMPROVEMENTS MUST FALL WITHIN THE MAXIMUM AND MINIMUM LIMITATIONS IMPOSED BY THE BARRIER FREE REGULATIONS AND THE ADA REQUIREMENTS.
- THE CONTRACTOR MUST VERIEV THE SLOPES OF CONTRACTOR'S FORMS PRIOR TO POURING CONCRETE. JE ANY NON-CONFORMANCE IS OBSERVED OR EXISTS CONTRACTOR MUST IMMEDIATELY NOTIFY THE ENGINEER PRIOR TO POURING CONCRETE. CONTRACTOR IS RESPONSIBLE FOR ALL COSTS TO REMOVE, REPAIR AND 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.

		TYPICAL A
	KEY	DESCRIPTION
NC." PREPARED BY AUSFELD & WALDRUFF LAND	BC	BOTTOM CURB
ND HEALTH ACT OF 1970, (29 U.S.C. 651 et seq.), AS	тс	TOP CURB
PERVISION, OR ANYTHING RELATED TO SAME.	BOC	BACK OF CURB
ND/OR REMOVED. THE CONTRACTOR MUST ALSO	BW	BOTTOM OF WALL GRADE
SK THE CONSTRUCTION OF THE NEW SITE	TW	TOP OF WALL
NS, CONCERNS REGARDING THE APPLICABLE IECT, WITH BOHLER ENGINEERING, IN WRITING, AND	EXIST.	EXISTING
ALL DEMOLITION ACTIVITIES MUST BE PERFORMED AND LOCAL REGULATIONS, RULES,	BM.	BENCHMARK
	EOP	EDGE OF PAVEMENT
JBLIC AGENCIES WITH JURISDICTION THROUGHOUT	ଜ	CENTERLINE
IOURS PRIOR TO THE START OF WORK.	FF	FINISHED FLOOR
	V.I.F.	VERIFY IN FIELD
TEM FOR UTILITY MARKOUT, IN ADVANCE OF ANY	GC	GENERAL CONTRACTOR
ANITARY AND STORM SEWER, TELEPHONE, CABLE,	HP	HIGH POINT
E AND COMPLY WITH THE REQUIREMENTS OF THE	LP	LOW POINT
NG ALL DEMOLITION ACTIVITIES.	TYP.	TYPICAL
RMANENT TERMINATION OF SERVICE REQUIRED BY	INT.	INTERSECTION
REQUIREMENTS.	PC.	POINT OF CURVATURE
UIRED TO MINIMIZE THE IMPACT ON THE AFFECTED	PT.	POINT OF TANGENCY
IN THE PROJECT PLANS AND SPECIFICATIONS, THE OVERY OF SUCH MATERIALS.	PI.	POINT OF INTERSECTION
PROCEED WITH THE DEMOLITION IN A SYSTEMATIC	PVI.	POINT OF VERTICAL INTERSECTION
	STA.	STATION
R COLLAPSE OF EXISTING STRUCTURES, AND ANY OF DAMAGE TO ALL ITEMS THAT ARE TO REMAIN.	GRT	GRATE
OF ANY ITEMS REPAIRED TO THE PRE-DEMOLITION	INV.	INVERT
NWALLS, FOOTINGS, OR OTHER MATERIALS WITHIN	DIP	DUCTILE IRON PIPE
	PVC	POLYVINYL CHLORIDE PIPE
CKFILL MUST BE ACCOMPLISHED WITH APPROVED	HDPE	HIGH DENSITY POLYETHYLE PIPE
, AND MUST BE DONE SO AS TO PREVENT WATER	RCP	REINFORCED CONCRETE PIPE
OVERNMENTAL AUTHORITIES. ALL THE REQUIRED ENTS MUST BE IN PLACE PRIOR TO CONTRACTOR	S	SLOPE
PECTION AND SEISMIC VIBRATION TESTING THAT IS	ME	MEET EXISTING
WITH THE CURRENT FHWA "MANUAL ON UNIFORM ACTIVITIES IMPACT ROADWAYS AND/OR ROADWAY		
H ROADS, STREETS, SIDEWALKS, WALKWAYS, AND AL AUTHORITY PRIOR TO THE COMMENCEMENT OF		ТҮРІС
IT WRITTEN PERMISSION OF THE OWNER AND ALL		EXISTING
	I	

IN THE AIR IN ACCORDANCE WITH FEDERAL, STATE, CTURES AND IMPROVEMENTS TO REMOVE ALL DUST ALL ADJACENT AREAS TO THEIR "PRE-DEMOLITION"
INER AS TO PREVENT THE ENTRY OF UNAUTHORIZED
ION AND MAINTENANCE OF BARRIERS, FENCING AND TRUCTION ACTIVITY.
IS NOT INTENDED TO PROVIDE DIRECTION AS TO THE MEANS, METHODS, SEQUENCING, TECHNIQUES AND REQUIREMENTS. THE CONTRACTOR MUST COMPLY
DISPOSED OF IN ACCORDANCE WITH ALL MUNICIPAL, EMONSTRATE PROPER DISPOSAL ACTIVITIES, TO BE

KEY	DESCRIPTION	KEY	DESCRIPTION
BC	BOTTOM CURB	PROP.	PROPOSED
тс	TOP CURB	TBR/R	TO BE REMOVED AND REPLACED
BOC	BACK OF CURB	TBR	TO BE REMOVED
BW	BOTTOM OF WALL GRADE	TPF	TREE PROTECTION FENCE
TW	TOP OF WALL	BLDG.	BUILDING
EXIST.	EXISTING	SF	SQUARE FEET
BM.	BENCHMARK	SMH	SEWER MANHOLE
EOP	EDGE OF PAVEMENT	DMH	DRAIN MANHOLE
ଜ	CENTERLINE	STM.	STORM
FF	FINISHED FLOOR	SAN.	SANITARY
V.I.F.	VERIFY IN FIELD	CONC.	CONCRETE
GC	GENERAL CONTRACTOR	ARCH.	ARCHITECTURAL
HP	HIGH POINT	DEP.	DEPRESSED
LP	LOW POINT	R	RADIUS
TYP.	TYPICAL	MIN.	MINIMUM
INT.	INTERSECTION	MAX.	MAXIMUM
PC.	POINT OF CURVATURE	No. / #	NUMBER
PT.	POINT OF TANGENCY	W.	WIDE
PI.	POINT OF INTERSECTION	DEC.	DECORATIVE
PVI.	POINT OF VERTICAL INTERSECTION	ELEV.	ELEVATION
STA.	STATION	UNG.	UNDERGROUND
GRT	GRATE	R.O.W.	RIGHT OF WAY
INV.	INVERT	LF	LINEAR FOOT
DIP	DUCTILE IRON PIPE	LOD	LIMIT OF DISTURBANCE
PVC	POLYVINYL CHLORIDE PIPE	LOW	LIMIT OF WORK
HDPE	HIGH DENSITY POLYETHYLENE PIPE	L.S.A.	LANDSCAPED AREA
RCP	REINFORCED CONCRETE PIPE	±	PLUS OR MINUS
S	SLOPE	٥	DEGREE
ME	MEET EXISTING	Ø / DIA.	DIAMETER

**BBREVIATIONS** 

TYPICAL LEGEND			
EXISTING		PROPOSED	
	PROPERTY LINE		
	SETBACK		
	EASEMENT		
	CURB =		
$\bigcirc$	STORM MANHOLE	Ô	
S	SEWER MANHOLE	0 0	
	CATCH BASIN	Î	
<i>₩F#5</i>	WETLAND FLAG		
	WETLAND LINE		
× 54.83	SPOT ELEVATION	53.52	
× TC 54.58 G 53.78	TOP & BOTTOM OF CURB	TC=54.32 BC=53.82	
53	CONTOUR		
	FLOW ARROW	<b>5</b> %	
	PAINTED ARROW	$\mathbf{+}$	
	RIDGE LINE		
G	GAS LINE	G	
<i>TT</i>	TELEPHONE LINE	TTT-	
EE	ELECTRIC LINE	E	
WW	WATER LINE		
ОНОН	OVERHEAD WIRE	OHOH	
	STORM PIPE		
==========	SANITARY LINE	SS	
10	PARKING COUNT	(4)	
	SIGN	<b></b>	
$\sim$	LIGHT POLE	E9	
	GUIDE RAIL	<b>I</b>	
ø	UTILITY POLE	ø	

**REFER TO SITE PLAN FOR ZONING** ANALYSIS TABLE AND LAND 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 FOR TYPICAL LIGHTING NOTES AND TABLES (BY OTHERS)

REV	DATE	COMMENT	DRAWN BY
			CHECKED BY
0 0/10	0/40/0000	PER CLIENT	MDL
6	2/16/2022	COMMENTS	
7	2/4/2022	PER CLIENT	MDL
	3/1/2022	COMMENTS	
8	0 514.010000	PER TDE COMMENTS	MDL
8	5/16/2022	PER IDE COMMENTS	
0	9 8/05/2022	PER TOWN	SWG
9		COMMENTS	
10	10 9/30/2022	PER TOWN	MDL
10		COMMENTS	
11	10/18/2022	DOT & DOH	MDL
11	10/18/2022	SUBMITTAL	
12	12 11/30/2022	PER DOT COMMENT	MDL
12	11/30/2022	FER DOT COMMENT	-
12	2/06/2022	PER TOWN COMMENT	MDL
13	13 2/06/2023		
14 3/20/202	3/20/2023	PER TOWN COMMENT	MDL
14	512012023		



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PROJECT:	

# PROPOSED SITE PLAN DOCUMENTS

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PROPOSED

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M.D. LESSARD

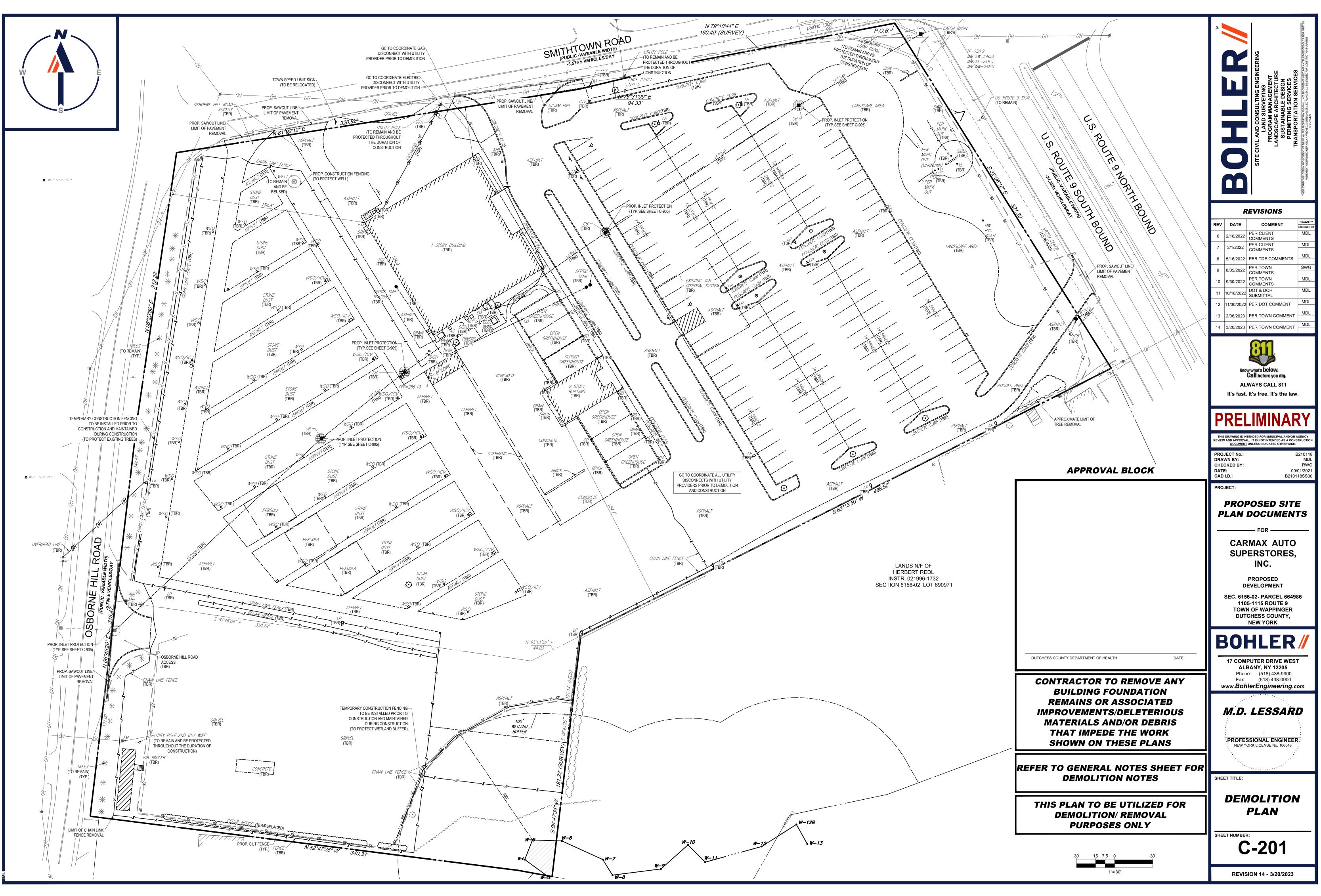
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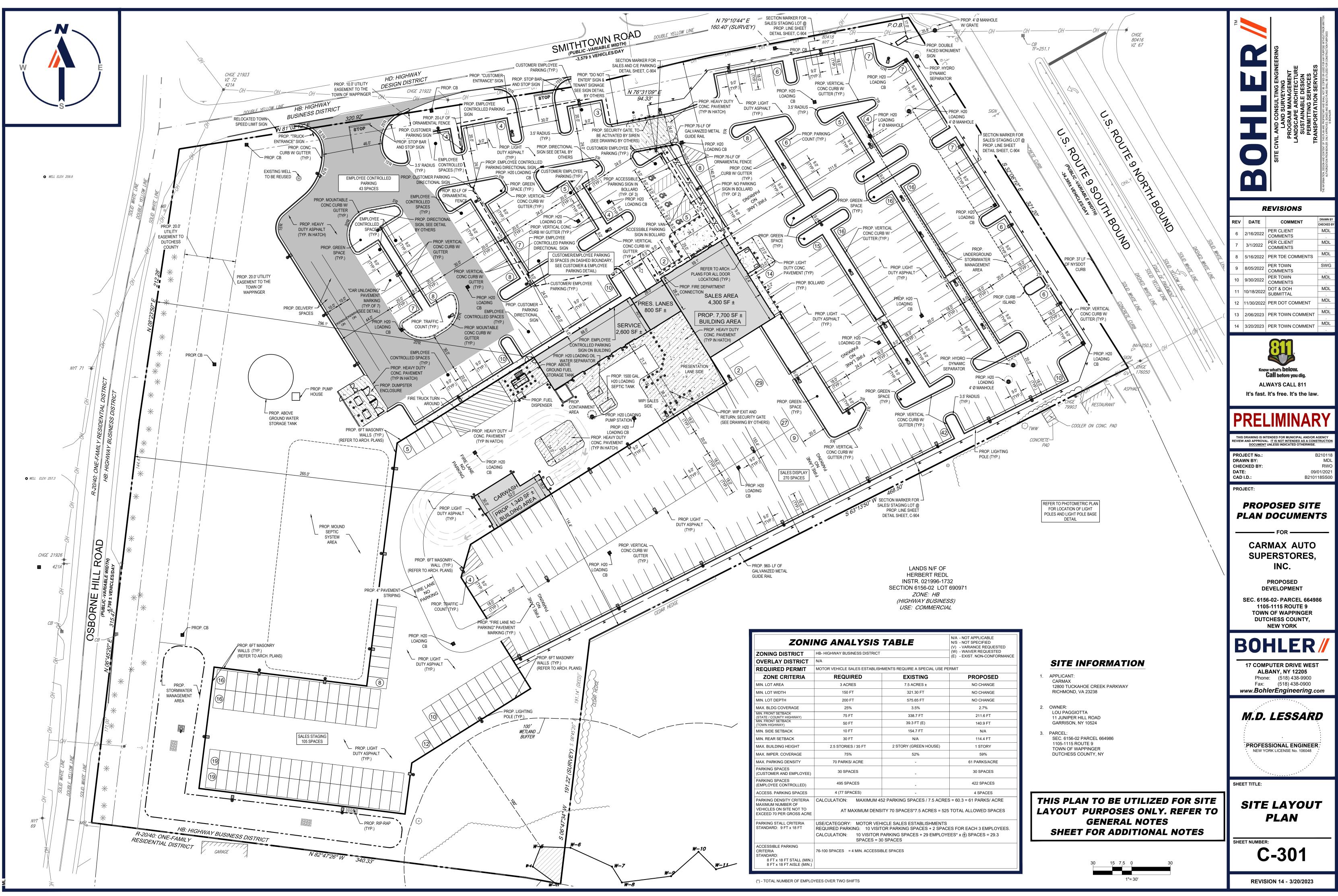


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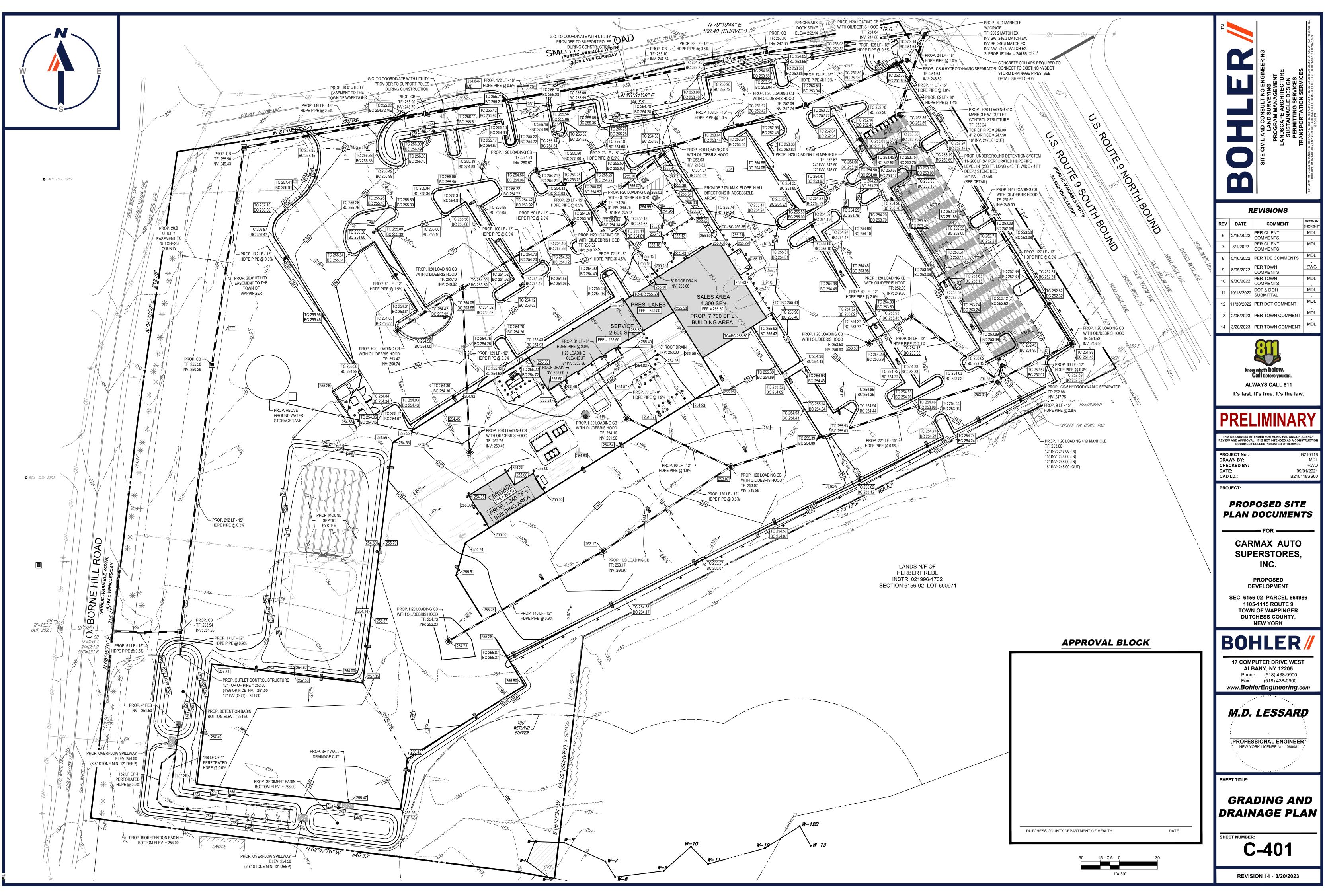
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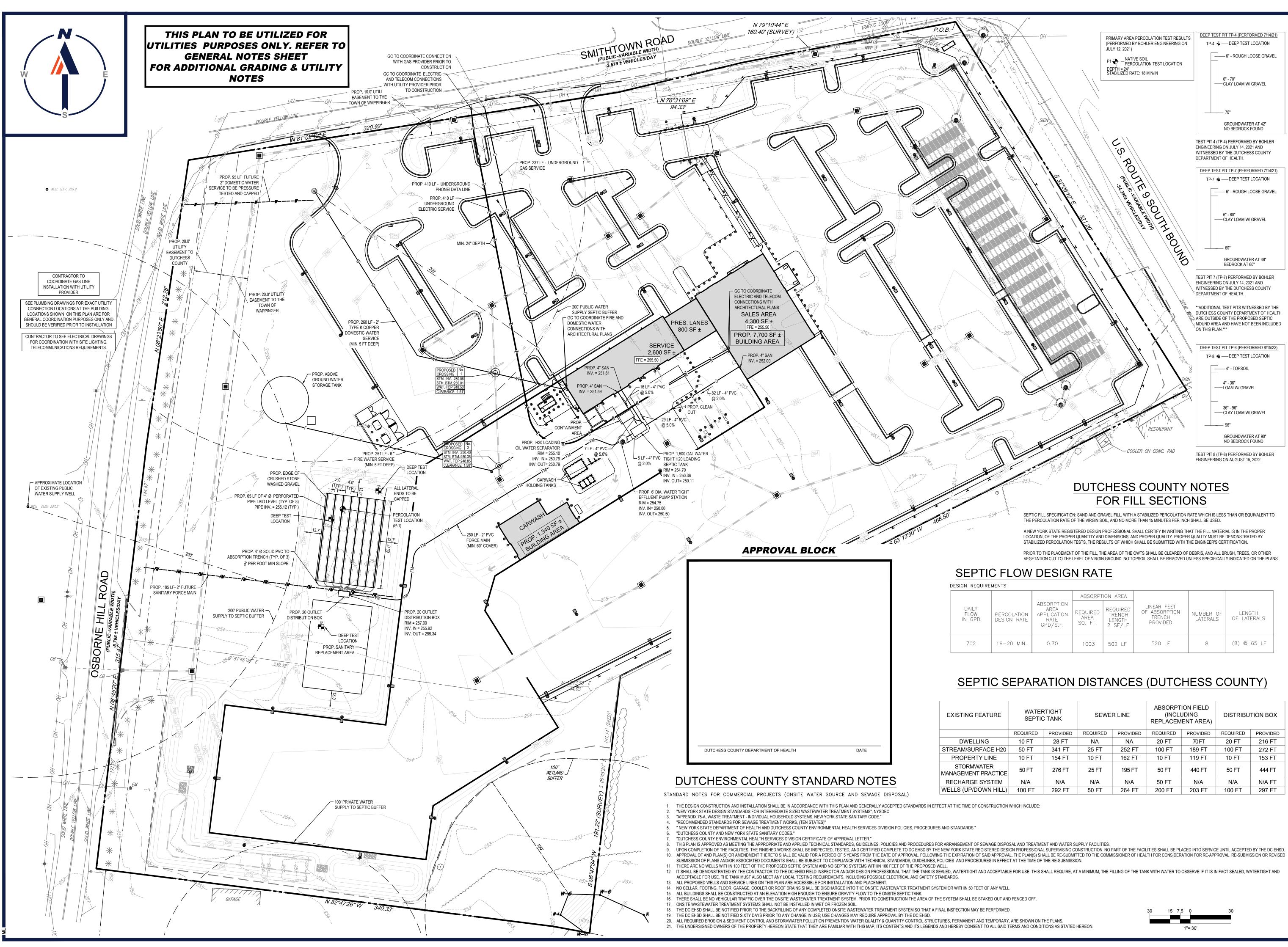
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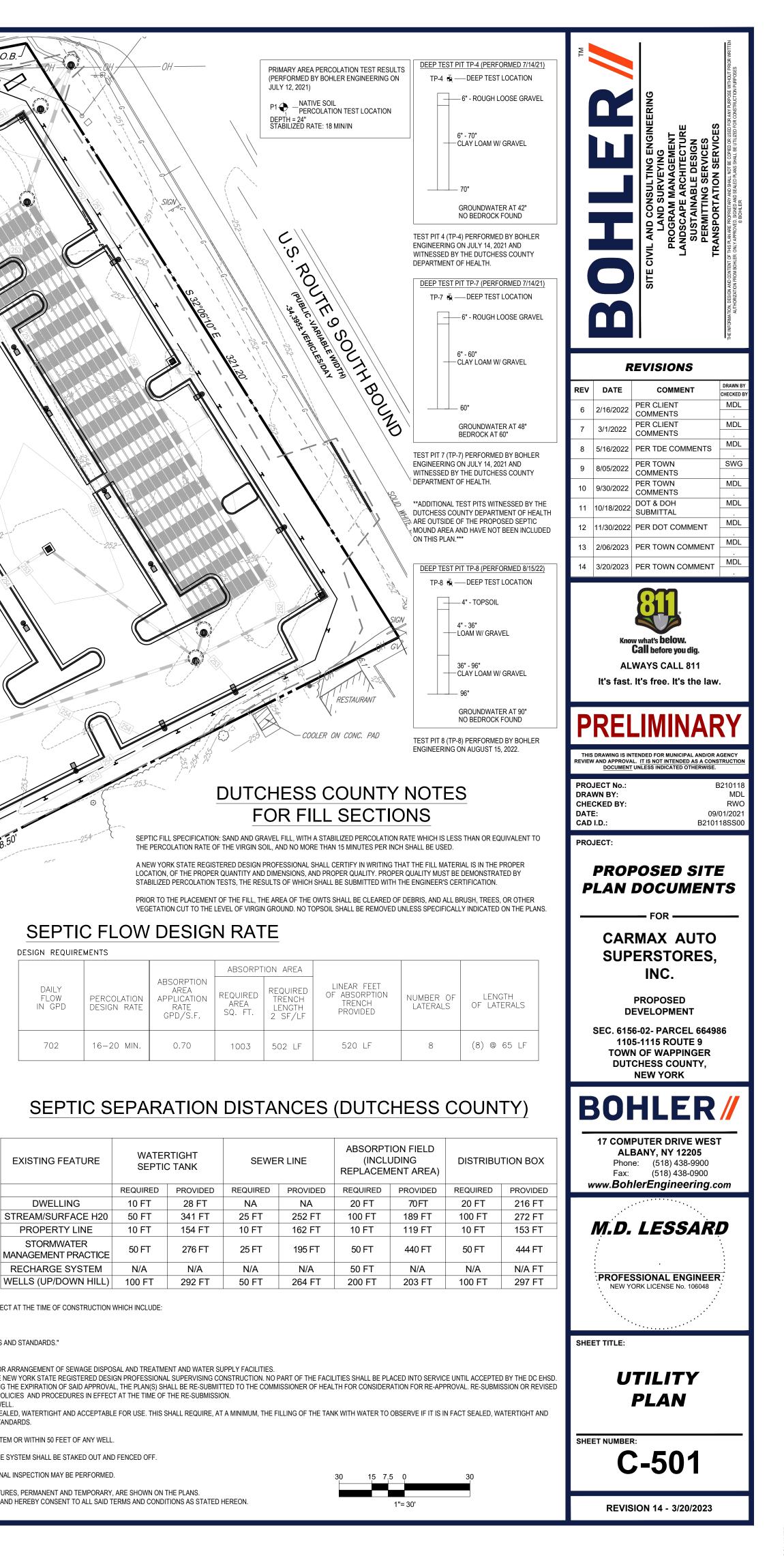


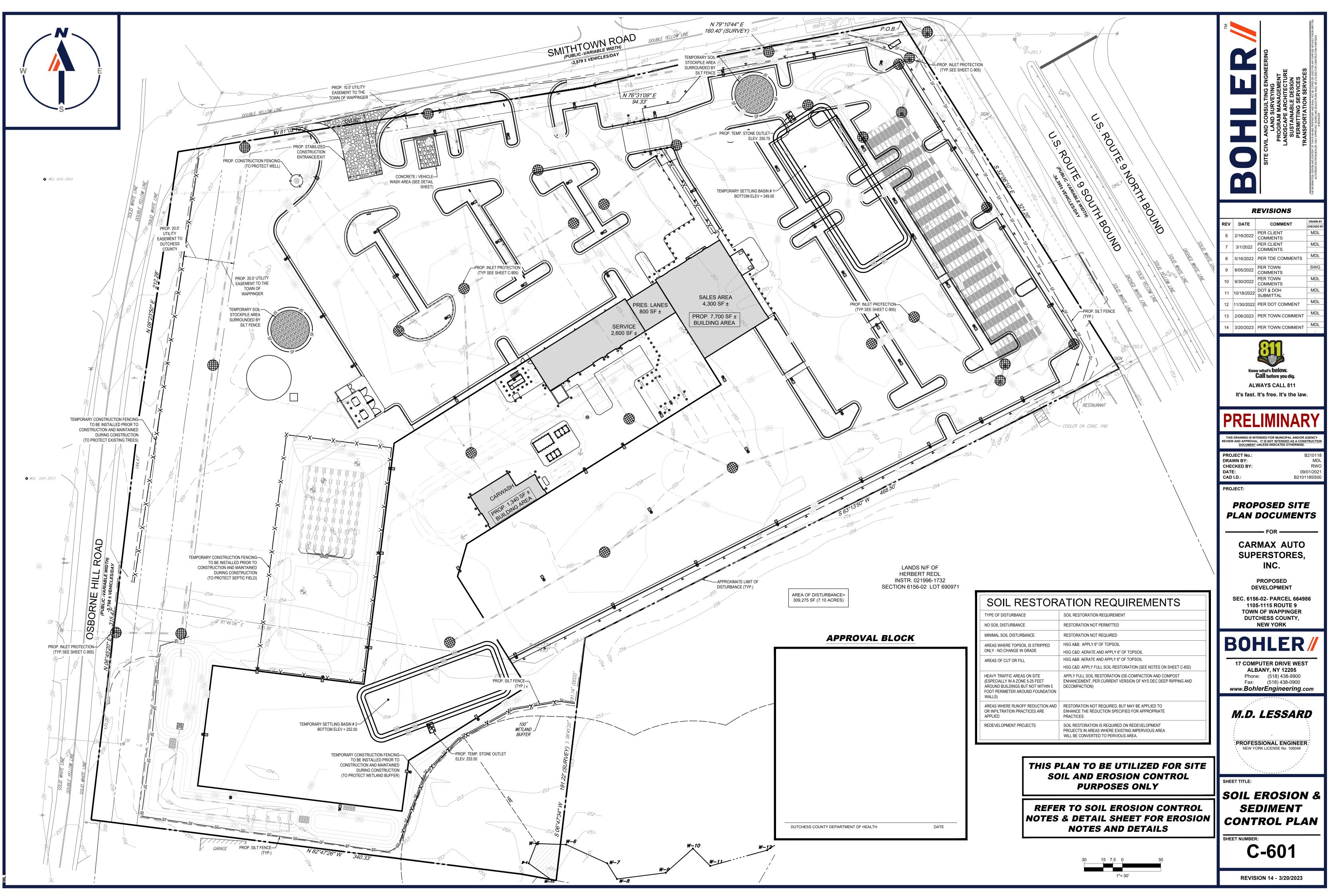
21\B210118\DRAWINGS\PLAN SETS\03-C3D\_WORK\B210118SS00----->LAYOUT: C-301-SI



%PR0GRAMDATA\\_B0HLER\C3D2022NE\TEMP\ACPUBLISH\_4580\B210118SS00----->LAYOUT: C-401-GRA







ROGRAMDATA\\_BOHLER\C3D2022NE\TEMP\ACPUBLISH\_4580\B210118SS00----->LAYOUT: C-601-ER

EROSION AND SEDIMENT CONTROL NOTES	CONSTRUCTION SEQU
<ol> <li>ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE DONE AS SET FORTH IN THE MOST CURRENT STATE SEDIMENT AND EROSION CONTROL MANUAL.</li> <li>IN AREAS WHERE SOIL DISTURBANCE ACTIVITY HAS TEMPORARILY OR PERMANENTLY CEASED, THE APPLICATION OF SOIL STABILIZATION MEASURES MUST BE INITIATED BY THE END OF THE NEXT BUSINESS DAY AND COMPLETED WITHIN FOURTEEN (14) DAYS FROM THE DATE THE CURRENT SOIL DISTURBANCE ACTIVITY CEASED. IF THE DISTURBANCE IS WITHIN 100 FEET OF A STREAM OR POND, THE AREA SHALL BE STABILIZED WITHIN 7 DAYS OR PRIOR TO ANY STORM EVENT (THIS WOULD INCLUDE WETLANDS).</li> <li>SEDIMENT BARRIERS (SILT FENCE, STRAW BARRIERS, ETC.) SHOULD BE INSTALLED PRIOR TO ANY SOIL DISTURBANCE OF THE</li> </ol>	THE FOLLOWING CONSTRUCTION SEQUENCE IS RECOM -INSTALLATION OF EROSION CONTROL BARRIER (SILT F -INSTALLATION OF INLET PROTECTION OFF SITE (AS SH -DEMOLITION OF EXISTING SITE PAVEMENT AND AMENIT
CONTRIBUTING DRAINAGE AREA ABOVE THEM. MULCH NETTING SHALL BE USED TO ANCHOR MULCH IN ALL AREAS WITH SLOPES GREATER THAN 15% AFTER OCTOBER 1ST THE SAME APPLIES FOR ALL SLOPES GREATER THAN 8%.	-EARTHWORK AND EXCAVATION/FILLING AS NECESSAR
<ol> <li>INSTALL SILTATION BARRIER AT TOE OF SLOPE TO FILTER SILT FROM RUNOFF. SEE SILTATION BARRIER DETAILS FOR PROPER INSTALLATION. SILTATION BARRIER WILL REMAIN IN PLACE PER NOTE #5.</li> <li>ALL EROSION CONTROL STRUCTURES WILL BE INSPECTED, REPLACED AND/OR REPAIRED EVERY 7 DAYS AND IMMEDIATELY</li> </ol>	-STABILIZE PERMANENT LAWN AREAS AND SLOPES WIT
FOLLOWING ANY SIGNIFICANT RAINFALL OR SNOW MELT OR WHEN NO LONGER SERVICEABLE DUE TO SEDIMENT ACCUMULATION OR DECOMPOSITION. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE HALF THE HEIGHT OF THE BARRIER. SEDIMENT CONTROL DEVICES SHALL REMAIN IN PLACE AND BE MAINTAINED BY THE CONTRACTOR UNTIL AREAS UPSLOPE ARE STABILIZED BY TURF.	-INSTALLATION OF INLET PROTECTION OF ON-SITE UTIL -CONSTRUCTION OF BUILDING -CONSTRUCTION OF ALL CURBING AND LANDSCAPE ISL
<ol> <li>NO SLOPES, EITHER PERMANENT OR TEMPORARY, SHALL BE STEEPER THAN TWO TO ONE (2:1).</li> <li>IF FINAL SEEDING OF THE DISTURBED AREAS IS NOT COMPLETED 45 DAYS PRIOR TO THE FIRST KILLING FROST, USE TEMPORARY MULCH (DORMANT SEEDING MAY BE ATTEMPTED AS WELL) TO PROTECT THE SITE AND DELAY SEEDING UNTIL THE NEXT</li> </ol>	-SPREAD TOPSOIL ON SLOPED AREAS AND SEED AND N -FINAL GRADING OF ALL SLOPED AREAS
RECOMMENDED SEEDING PERIOD. 8. TEMPORARY SEEDING OF DISTURBED AREAS THAT HAVE NOT BEEN FINAL GRADED SHALL BE COMPLETED 45 DAYS PRIOR TO THE FIRST KILLING FROST TO PROTECT FROM SPRING RUNOFF PROBLEMS.	-PLACE 6" TOPSOIL ON SLOPES AFTER FINAL GRADING ( MIXTURE TO BE INSTALLED AS REQUIRED. -PAVE PARKING LOT
<ul> <li>DURING THE CONSTRUCTION PHASE, INTERCEPTED SEDIMENT WILL BE RETURNED TO THE SITE AND REGRADED ONTO OPEN AREAS.</li> <li>REVEGETATION MEASURES WILL COMMENCE UPON COMPLETION OF CONSTRUCTION EXCEPT AS NOTED ABOVE. ALL DISTURBED AREAS NOT OTHERWISE STABILIZED WILL BE GRADED, SMOOTHED, AND PREPARED FOR FINAL SEEDING AS FOLLOWS:</li> </ul>	-LANDSCAPING PER LANDSCAPING PLAN -REMOVE EROSION CONTROLS AS DISTURBED AREAS B GREATER.
<ul> <li>10.1. SIX INCHES OF LOAM WILL BE SPREAD OVER DISTURBED AREAS AND SMOOTHED TO A UNIFORM SURFACE.</li> <li>10.2. APPLY LIMESTONE AND FERTILIZER ACCORDING TO SOIL TEST. IF SOIL TESTING IS NOT FEASIBLE ON SMALL OR VARIABLE SITES, OR WHERE TIMING IS CRITICAL, FERTILIZER MAY BE APPLIED AT THE RATE OF 800 LB PER ACRE OR 18.4 LB PER 1,000 SF USING 10-20-20 OR EQUIVALENT. APPLY GROUND LIMESTONE (EQUIVALENT TO 50% CALCIUM PLUS MAGNESIUM OXIDE) AT A RATE OF 3 TONIO FER AORE (400 ADD)</li> </ul>	
<ul> <li>TONS PER ACRE (138 LB PER1,000 SF).</li> <li>10.3. FOLLOWING SEED BED PREPARATION, DITCHES AND BACK SLOPES WILL BE SEEDED TO A MIXTURE OF 47% CREEPING RED FESCUE, 5% REDTOP, AND 48% TALL FESCUE. THE LAWN AREAS WILL BE SEEDED TO A PREMIUM TURF MIXTURE OF 44% KENTUCKY BLUE-GRASS, 44% CREEPING RED FESCUE, AND 12% PERENNIAL RYEGRASS: SEEDING RATE IS 1.03 LBS PER 1,000 SF LAWN QUALITY SOD MAY BE SUBSTITUTED FOR SEED.</li> </ul>	SOIL RESTORATION N SOIL RESTORATION PROCEDURE, PER NYSDEC "BLUE BOOK":
10.4. STRAW MULCH AT THE RATE OF 70-90 LBS PER 1,000 SF. A HYDRO-APPLICATION OF WOOD OR PAPER FIBER SHALL BE APPLIED FOLLOWING SEEDING. A SUITABLE BINDER SUCH AS CURASOL OR RMB PLUS WILL BE USED ON STRAW MULCH FOR WIND CONTROL.	DURING PERIODS OF RELATIVELY LOW TO MODERATE SUBSOIL M ROUGH GRADE AND THE FOLLOWING SOIL RESTORATION STEPS / 1. APPLY 3 INCHES OF COMPOST OVER SUBSOIL
<ol> <li>ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED ONCE THE SITE IS STABILIZED.</li> <li>WETLANDS WILL BE PROTECTED W/ STRAW, COMPOST, AND/OR SILT FENCE BARRIERS INSTALLED AT THE EDGE OF THE WETLAND OR THE BOUNDARY OF WETLAND DISTURBANCE.</li> </ol>	<ol> <li>TILL COMPOST INTO SUBSOIL TO A DEPTH OF AT LEAST 12 IN DISC, OR TILLER, MIXING, AND CIRCULATING AIR AND COMPO</li> <li>ROCK-PICK UNTIL UPLIFTED STONE/ROCK MATERIALS OF FO</li> </ol>
13. ALL AREAS WITHIN 100 FEET OF A FLAGGED WETLAND OR STREAM SHALL HAVE AN EXPOSURE WINDOW OF NOT MORE THAN 7 DAYS.	4. APPLY TOPSOIL TO A DEPTH OF 6 INCHES
<ol> <li>ALL AREAS WITHIN 100 FEET OF A FLAGGED WETLAND OR STREAM SHALL FOLLOW APPROPRIATE EROSION CONTROL MEASURES PRIOR TO EACH STORM IF NOT BEING ACTIVELY WORKED,</li> <li>MULCH</li> </ol>	<ol> <li>VEGETATE AS REQUIRED BY APPROVED PLAN.</li> <li>AT THE END OF THE PROJECT AN INSPECTOR SHOULD BE ABLE T</li> </ol>
LOCATION MULCH RATE (1000 SF) PROTECT AREA STRAW 100 POUNDS	WITH BODY WEIGHT. TILLING (STEP 2 ABOVE) SHOULD NOT BE PE OVER UTILITY INSTALLATIONS THAT ARE WITHIN 24 INCHES OF TH COMPOST SPECIFICATIONS:
WINDY AREA SHREDDED OR CHOPPED CORNSTALKS 185-275 POUNDS STRAW (ANCHORED)* 100 POUNDS	COMPOST SHALL BE AGED, FROM PLANT DERIVED MATERIALS, FF OR DUST PRODUCED WHEN HANDLING, PASS THROUGH A HALF IN
MODERATE TO HIGH JUTE MESH OR EXCELSIOR MAT AS REQUIRED VELOCITY AREAS OR STEEP SLOPES GREATER THAN 3:1	PLANTS WITH NO OBJECTIONABLE ODORS.
GREATER THAN 3:1 (REFER TO GEOTECHNICAL REPORT FOR FINAL DESIGN REQUIREMENT) * A HYDRO-APPLICATION OF WOOD, OR PAPER FIBER MAY BE APPLIED FOLLOWING SEEDING. A SUITABLE BINDER SUCH AS CURASOL OR RMB PLUS SHALL BE USED ON STRAW MULCH FOR WIND CONTROL.	A SIMPLE MAINTENANCE AGREEMENT SHOULD IDENTIFY WHERE S AREAS ARE/CANNOT BE CLEARED, WHO THE RESPONSIBLE PART IMPROVEMENTS ARE MADE (I.E., THINNING, INVASIVE PLANT REMO STRIP OR GRASS CHANNEL SHOULD BE LOCATED IN PUBLIC RIGH DRAINAGE EASEMENT.
MULCH ANCHORING ANCHOR MULCH WITH PEG AND TWINE (1 SQ. YD/BLOCK); MULCH NETTING (AS PER MANUFACTURER); WOOD CELLULOSE FIBER (750 LBS/ACRE); CHEMICAL TACK (AS PER MANUFACTURER'S SPECIFICATIONS); USE OF A SERRATED STRAIGHT DISK. WETTING FOR SMALL AREAS AND ROAD DITCHES MAY BE PERMITTED.	<ul> <li>FIRST YEAR MAINTENANCE OPERATIONS INCLUDES:</li> <li>INITIAL INSPECTIONS FOR THE FIRST SIX MONTHS (ONCE AF</li> <li>RESEEDING TO REPAIR BARE OR ERODING AREAS TO ASSURE</li> </ul>
EROSION CONTROL NOTES DURING WINTER CONSTRUCTION         1. WINTER CONSTRUCTION PERIOD: NOVEMBER 1 THROUGH APRIL 15.	<ul> <li>WATER ONCE EVERY THREE DAYS FOR FIRST MONTH, AND T FIRST YEAR. IRRIGATION PLAN MAY BE ADJUSTED ACCORDIN</li> <li>FERTILIZATION MAY BE NEEDED IN THE FALL AFTER THE FIR</li> </ul>
2. WINTER EXCAVATION AND EARTHWORK SHALL BE DONE SUCH THAT NO MORE THAN 1 ACRE OF THE SITE IS WITHOUT STABILIZATION AT ANY ONE TIME.	ONGOING MAINTENANCE:
<ol> <li>EXPOSED AREA SHOULD BE LIMITED TO THAT WHICH CAN BE MULCHED IN ONE DAY PRIOR TO ANY SNOW EVENT.</li> <li>CONTINUATION OF EARTHWORK OPERATION ON ADDITIONAL AREAS SHALL NOT BEGIN UNTIL THE EXPOSED SOIL SURFACE ON THE AREA BEING WORKED HAS BEEN STABILIZED SUCH THAT NO LARGER AREA OF THE SITE IS WITHOUT EROSION CONTROL PROTECTION AS LISTED IN ITEM 2 ABOVE.</li> </ol>	<ol> <li>TWO POINTS HELP ENSURE LASTING RESULTS OF DECOMPACTIO</li> <li>PLANTING THE APPROPRIATE GROUND COVER WITH DEEP R</li> <li>KEEPING THE SITE FREE OF VEHICULAR AND FOOT TRAFFIC FOOTPATHS. (SOMETIMES IT MAY BE NECESSARY TO DE-THAT</li> </ol>
5. AN AREA SHALL BE CONSIDERED TO HAVE BEEN STABILIZED WHEN EXPOSED SURFACES HAVE BEEN EITHER MULCHED WITH STRAW OR STRAW AT A RATE OF 100 LB. PER 1,000 SQUARE FEET (WITH OR WITHOUT SEEDING) OR DORMANT SEEDED, MULCHED AND ADEQUATELY ANCHORED BY AN APPROVED ANCHORING TECHNIQUE.	X
6. BETWEEN THE DATES OF OCTOBER 15 AND APRIL 1ST, LOAM OR SEED WILL NOT BE REQUIRED. DURING PERIODS OF ABOVE FREEZING TEMPERATURES THE SLOPES SHALL BE FINE GRADED AND EITHER PROTECTED WITH MULCH OR TEMPORARILY SEEDED AND MULCHED UNTIL SUCH TIME AS THE FINAL TREATMENT CAN BE APPLIED. IF THE DATE IS AFTER NOVEMBER 1ST AND IF THE EXPOSED AREA HAS BEEN LOAMED, FINAL GRADED AND IS SMOOTH, THEN THE AREA MAY BE DORMANT SEEDED AT A RATE OF 200 - 300% HIGHER THAN SPECIFIED FOR PERMANENT SEED AND THEN MULCHED. IF CONSTRUCTION CONTINUES DURING FREEZING	
WEATHER, ALL EXPOSED AREAS SHALL BE CONTINUOUSLY GRADED BEFORE FREEZING AND THE SURFACE TEMPORARILY PROTECTED FROM EROSION BY THE APPLICATION OF MULCH. SLOPES SHALL NOT BE LEFT UNEXPOSED OVER THE WINTER OR ANY OTHER EXTENDED TIME OF WORK SUSPENSION UNLESS TREATED IN THE ABOVE MANNER. UNTIL SUCH TIME AS WEATHER CONDITIONS ALLOW DITCHES TO BE FINISHED WITH THE PERMANENT SURFACE TREATMENT, EROSION SHALL BE CONTROLLED BY THE INSTALLATION OF BALES OF STRAW OR STONE CHECK DAMS IN ACCORDANCE WITH THE STANDARD DETAILS.	
<ul> <li>7. MULCHING REQUIREMENTS:</li> <li>7.1. BETWEEN THE DATES OF NOVEMBER 1ST AND APRIL 15TH ALL MULCH SHALL BE ANCHORED BY EITHER PEG LINE, MULCH NETTING OR WOOD CELLULOSE FIBER.</li> </ul>	
<ul> <li>7.2. MULCH NETTING SHALL BE USED TO ANCHOR MULCH IN ALL DRAINAGE WAYS WITH A SLOPE GREATER THAN 3% FOR SLOPE EXPOSED TO DIRECT WINDS AND FOR ALL OTHER SLOPES GREATER THAN 8%.</li> <li>7.3. MULCH NETTING SHALL BE USED TO ANCHOR MULCH IN ALL AREAS WITH SLOPES GREATER THAN 15% AFTER OCTOBER 1ST THE</li> </ul>	
<ol> <li>SAME APPLIES FOR ALL SLOPES GREATER THAN 8%.</li> <li>8. AFTER NOVEMBER 1ST THE CONTRACTOR SHALL APPLY DORMANT SEEDING OR MULCH AND ANCHORING ON ALL BARE EARTH AT THE</li> </ol>	
<ul> <li>END OF EACH WORKING DAY.</li> <li>9. DURING THE WINTER CONSTRUCTION PERIOD ALL SNOW SHALL BE REMOVED FROM AREAS OF SEEDING AND MULCHING PRIOR TO</li> </ul>	
PLACEMENT. 10. STOCKPILING OF MATERIALS (DIRT, WOOD, CONSTRUCTION MATERIALS, ETC.) MUST REMAIN COVERED AT ALL TIMES TO MINIMIZE	
ANY DUST PROBLEMS THAT MAY OCCUR WITH ADJACENT PROPERTIES AND TO PROVIDE MAXIMUM PROTECTION AGAINST EROSION RUNOFF.	
11. EXISTING CATCH BASIN STRUCTURES SHALL BE PROTECTED UNTIL SUCH TIME AS THEY ARE REMOVED.	
THE EDUCATION LAW OF THE STATE OF NEW YORK PROHIBITS ANY PERSON ALTERING ANYTHING ON THESE DRAWINGS AND/OR THE ACCOMPANYING SEDECISION JUNITIES IN UNDER THE DIRECTION OF A LICENSED	

PROFESSIONAL ENGINEER. WHERE SUCH ALTERATIONS ARE MADE, THE PROFESSIONAL ENGINEER MUST SIGN, SEAL, DATE AND DESCRIBE THE FULL EXTENT OF THE ALTERATION ON THE DRAWINGS AND/OR IN THE SPECIFICATIONS. (NYS EDUCATION LAW SECTION 7209-2)

# JENCE

MMENDED: FENCE) (AS SHOWN) IOWN) ITIES (SEE DEMOLITION PLAN)

ITH TEMPORARY SEEDING LITIES (AS SHOWN)

SLANDS AS INDICATED ON THE PLANS MULCH

G COMPLETED. FERTILIZE, SEED, AND MULCH SEED

BECOME STABILIZED TO 80% STABILIZATION OR

# NOTES:

MOISTURE, THE DISTURBED SUBSOILS ARE RETURNED TO APPLIED:

INCHES USING A CAT-MOUNTED RIPPER, TRACTOR-MOUNTED POST INTO SUBSOILS FOUR INCHES AND LARGER SIZE ARE CLEANED OFF THE SITE

TO PUSH A 3/8" METAL BAR 12 INCHES INTO THE SOIL JUST ERFORMED WITHIN THE DRIP LINE OF ANY EXISTING TREES OR HE SURFACE.

FREE OF VIABLE WEED SEEDS, HAVE NO VISIBLE FREE WATER INCH SCREEN AND HAVE A PH SUITABLE TO GROW DESIRED

E SOIL RESTORATION IS APPLIED, WHERE NEWLY RESTORED RTIES ARE TO ENSURE THAT ROUTINE VEGETATION OVAL, ETC.). SOIL COMPOST AMENDMENTS WITHIN A FILTER HT OF WAY, OR WITHIN A DEDICATED STORMWATER OR

AFTER EACH STORM GREATER THAN HALF-INCH) URE GRASS STABILIZATION

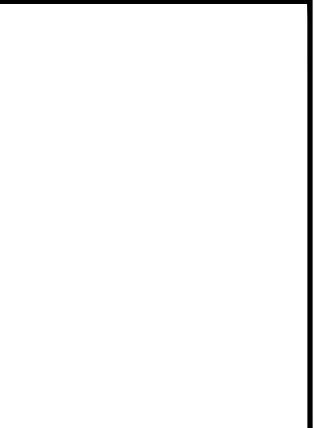
THEN PROVIDE A HALF INCH OF WATER PER WEEK DURING ING TO THE RAIN EVENT.

IRST GROWING SEASON TO INCREASE PLANT VIGOR.

ROOTS TO MAINTAIN SOIL STRUCTURE.

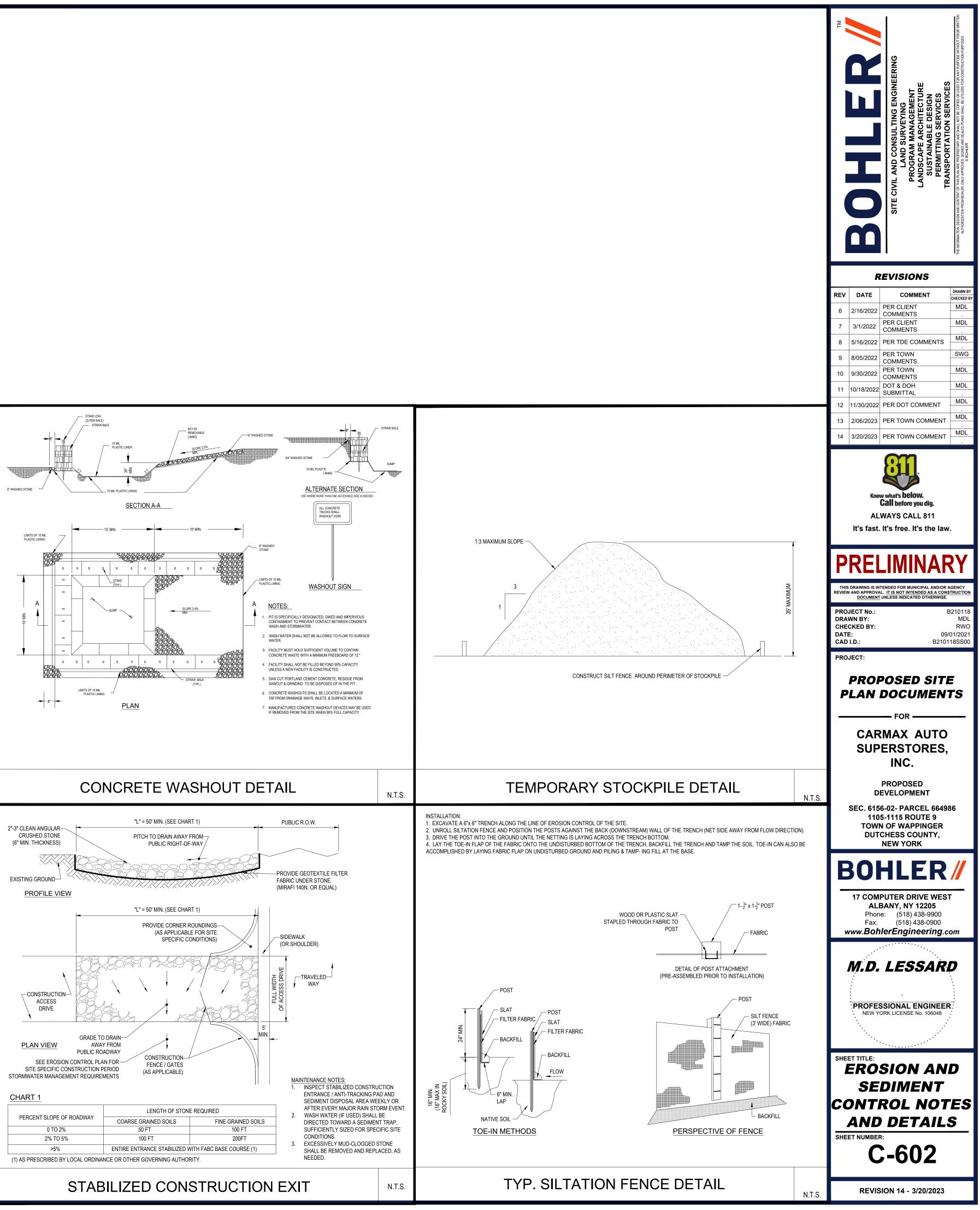
C OR OTHER WEIGHT LOADS. CONSIDER PEDESTRIAN HATCH THE TURF EVERY FEW YEARS).

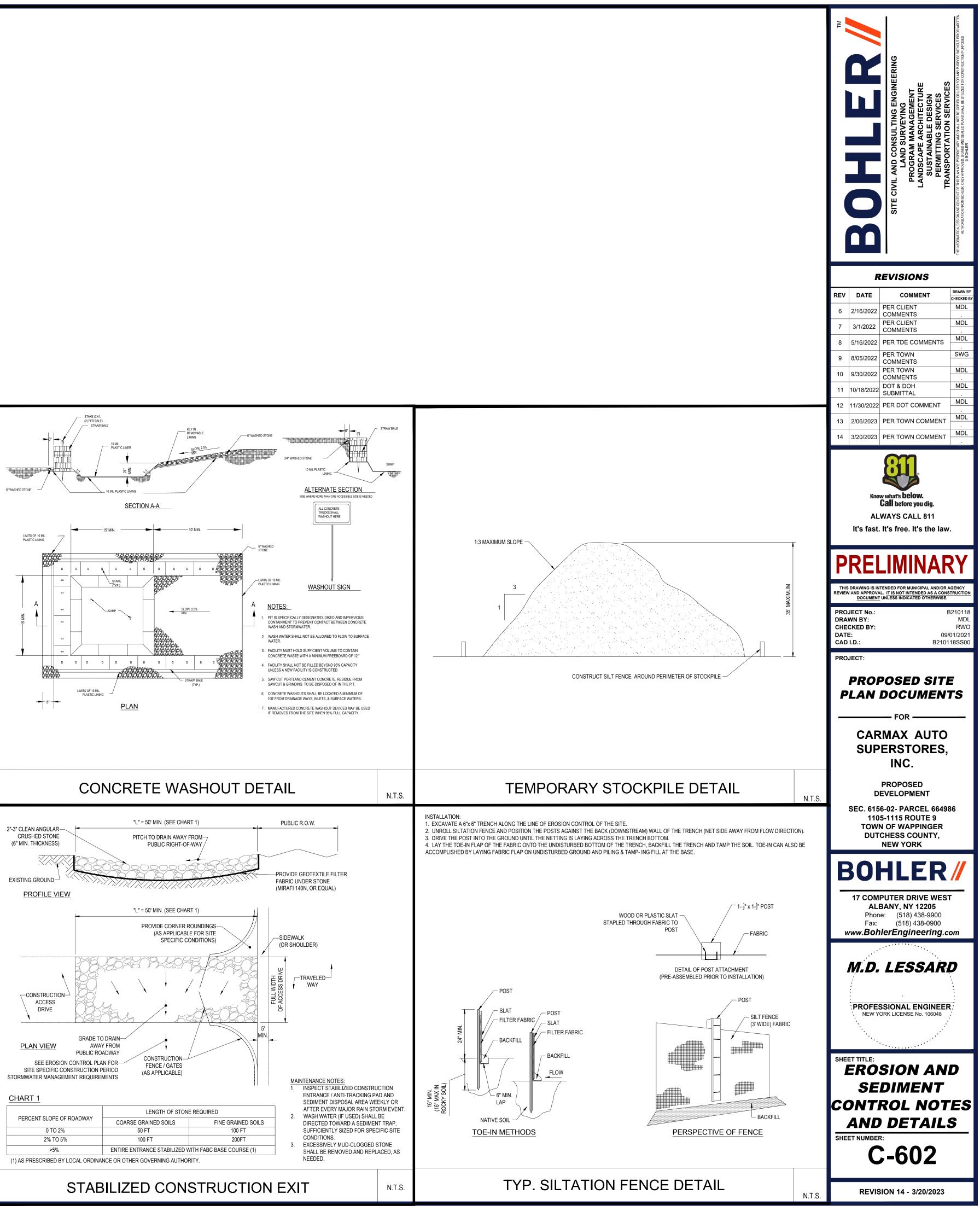


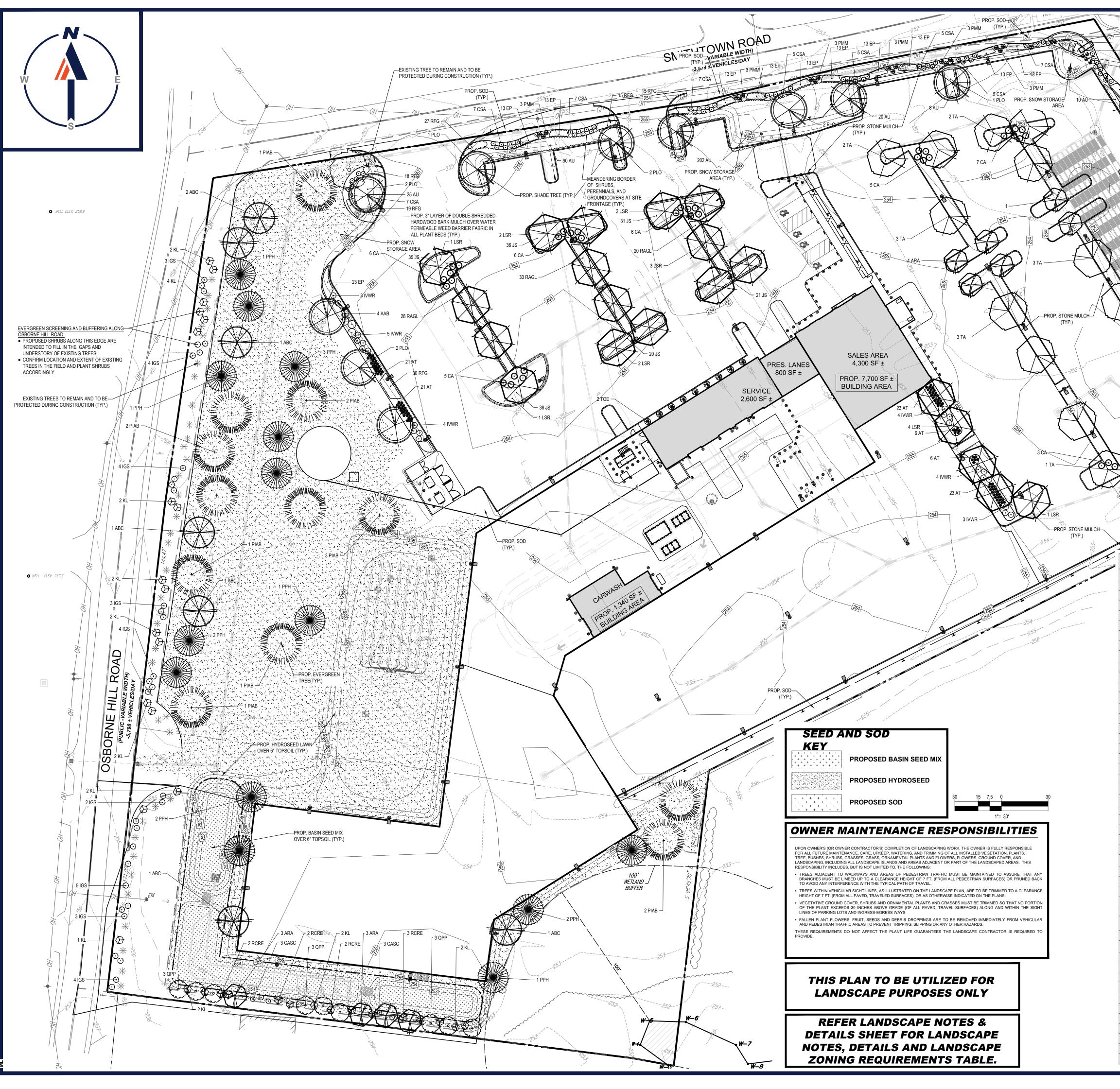




DATE







		LO PERENNIALS, AND GROUNDCOVERS AT SITE FRONTAGE (TYP.) 7 AU 19 RFG 2 PMM 1 CFA	ROUTE SCONUX	D.D.J.J.		<b>BODHLERRA</b> SITE CIVILAND CONSULTING ENGINEERING	PROGRAM MANAGEMENT LANDSCAPE ARCHITECTURE SUSTAINABLE DESIGN PERMITTING SERVICES TRANSPORTATION SERVICES HE MEDEMATION DESIGN AND CONTENT OF THE PANAMETER AND CO	
		19,RFG 2 PMM 1 CFA 10,AU 19,RFG 14,CSA 7,AU PROP, 5 (TYP.)	DROUTE9NUC VIAMANABLE				LA LA TR. TR	
		1 PLO 7 AU PROP (TYP.)	VERTICE OO		\			
			SOD ESIDE THE STORE	TBO		REVISIONS		
		2PMM	PO	UZB				
			A 0 AU 19 EP 15 CSA 1PL0 6 AU			PER TOW	NT M TS NT M TS COMMENTS NT NT N COMMENTS N	
			- 19 RFG - 2 PMM - 1 CFA - 19 RFG			9         8/05/2022         COMMEN           10         9/30/2022         PER TOW COMMEN           11         10/18/2022         DOT & DO SUBMITT/           12         11/30/2022         PER DOT           13         2/06/2023         PER TOW	N M TS DH M AL COMMENT N	
	- 7AU		10 AU 15 CSA 15 CSA	PLO OH		Know what's be Call before ALWAYS CA	e you dig.	
					N	It's fast. It's free.		
	PROP. STONE MULCH (TYP.)					PRELIMINAR THIS DRAWING IS INTENDED FOR MUNICIPAL AND/OR AGEN		
<b>E</b> (253	253					REVIEW AND APPROVAL. <u>IT IS NOT IN</u> <u>DOCUMENT</u> UNLESS INDIC PROJECT No.:		
		LANDSCAP	E SCHEDULE			DRAWN BY: CHECKED BY: DATE:	F 09/01/2	
KEY SHADE TREES	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	CONT.	CAD I.D.: PROJECT:	B210118-LI	
ARA LSR	10 20	ACER RUBRUM 'ARMSTRONG'	ARMSTRONG COLUMNAR RED MAPLE SEEDLESS SWEETGUM	2 1/2-3" CAL. 2 1/2-3" CAL.	B+B B+B	DRODOGE		
PLO	15	PLATANUS OCCIDENTALIS	AMERICAN SYCAMORE	2 1/2-3" CAL.	B+B		D GITE	
QPP TA	9	QUERCUS PALUSTRIS 'PINGREEN'	GREEN PILLAR PIN OAK	2 1/2-3" CAL.			D SITE	
SUBTOTAL:		TILIA AMERICANA	BASSWOOD	2 1/2-3" CAL.	B+B B+B	PLAN DOC	UMENT	
	68	TILIA AMERICANA	BASSWOOD	2 1/2-3" CAL.		PLAN DOC	UMENT	
RNAMENTAL TREES CFA SUBTOTAL:	68 4 4	TILIA AMERICANA	BASSWOOD	2 1/2-3" CAL.		PLAN DOC	AUTO TORES,	
CFA SUBTOTAL:	4				B+B	PLAN DOC FOR CARMAX SUPERST	AUTO ORES, SED	
CFA SUBTOTAL: /ERGREEN TREES ABC	4 4	CORNUS FLORIDA 'APPALACHIAN SNOW' ABIES CONCOLOR	WHITE FLOWERING DOGWOOD	2-2 1/2" CAL. 6-7'	B+B B+B B+B	PLAN DOCO FOR CARMAX SUPERST INC PROPOS DEVELOP SEC. 6156-02- PA	AUTO ORES, SED MENT RCEL 664986	
CFA SUBTOTAL: /ERGREEN TREES ABC PIAB PPH	4 4 7 12 15	CORNUS FLORIDA 'APPALACHIAN SNOW' ABIES CONCOLOR PICEA ABIES PICEA PUNGENS 'HOOPSII'	WHITE FLOWERING DOGWOOD WHITE FIR NORWAY SPRUCE COLORADO BLUE SPRUCE	6-7' 6-7' 7-8'	B+B B+B B+B B+B B+B B+B	PLAN DOCO FOR CARMAX SUPERST INC PROPOS DEVELOP SEC. 6156-02- PA 1105-1115 R TOWN OF WA	<b>UMENT</b> AUTO ORES, SED MENT RCEL 664986 OUTE 9 PPINGER	
CFA SUBTOTAL: /ERGREEN TREES ABC PIAB	4 4 7 12	CORNUS FLORIDA 'APPALACHIAN SNOW' ABIES CONCOLOR PICEA ABIES	WHITE FLOWERING DOGWOOD WHITE FIR NORWAY SPRUCE	2-2 1/2" CAL. 6-7' 6-7'	B+B B+B B+B B+B	PLAN DOCO FOR CARMAX SUPERST INC PROPOS DEVELOP SEC. 6156-02- PA 1105-1115 R	<b>UMENT</b> AUTO ORES, SED MENT RCEL 664986 OUTE 9 PPINGER COUNTY,	
CFA SUBTOTAL: /ERGREEN TREES ABC PIAB PPH TOE SUBTOTAL:	4 4 4 7 12 15 9	CORNUS FLORIDA 'APPALACHIAN SNOW' ABIES CONCOLOR PICEA ABIES PICEA PUNGENS 'HOOPSII'	WHITE FLOWERING DOGWOOD WHITE FIR NORWAY SPRUCE COLORADO BLUE SPRUCE	6-7' 6-7' 7-8'	B+B B+B B+B B+B B+B B+B	PLAN DOCO FOR CARMAX SUPERST INC PROPOS DEVELOP SEC. 6156-02- PA 1105-1115 R TOWN OF WA DUTCHESS C NEW YO	AUTO ORES, SED MENT RCEL 664986 OUTE 9 PPINGER COUNTY, ORK	
CFA SUBTOTAL: /ERGREEN TREES ABC PIAB PPH TOE SUBTOTAL: CIDUOUS SHRUBS AAB	4 4 4 12 15 9 43	CORNUS FLORIDA 'APPALACHIAN SNOW' CORNUS FLORIDA 'APPALACHIAN SNOW' ABIES CONCOLOR PICEA ABIES PICEA PUNGENS 'HOOPSII' THUJA OCCIDENTALIS 'EMERALD' ARONIA ARBUTIFOLIA 'BRILLIANTISSIMA'	WHITE FLOWERING DOGWOOD WHITE FIR WHITE FIR NORWAY SPRUCE COLORADO BLUE SPRUCE EMERALD GREEN ARBORVITAE RED CHOKEBERRY	2-2 1/2" CAL. 6-7' 6-7' 7-8' 5-6' 3-4'	B+B B+B B+B B+B B+B B+B B+B B+B	PLAN DOCK FOR CARMAX SUPERST INC PROPOS DEVELOP SEC. 6156-02- PA 1105-1115 R TOWN OF WA DUTCHESS O NEW YO	AUTO ORES, SED MENT RCEL 664986 OUTE 9 PPINGER COUNTY, DRK	
CFA SUBTOTAL: /ERGREEN TREES ABC PIAB PPH TOE SUBTOTAL: ECIDUOUS SHRUBS	4 4 4 12 15 9 43	CORNUS FLORIDA 'APPALACHIAN SNOW' ABIES CONCOLOR PICEA ABIES PICEA PUNGENS 'HOOPSII' THUJA OCCIDENTALIS 'EMERALD'	WHITE FLOWERING DOGWOOD WHITE FIR NORWAY SPRUCE COLORADO BLUE SPRUCE EMERALD GREEN ARBORVITAE	2-2 1/2" CAL. 6-7' 6-7' 7-8' 5-6'	B+B B+B B+B B+B B+B B+B	PLAN DOCU FOR CARMAX SUPERST INC PROPOS DEVELOP SEC. 6156-02- PA 1105-1115 R TOWN OF WA DUTCHESS O NEW YO BOHL	AUTO ORES, SED MENT RCEL 664986 OUTE 9 PPINGER COUNTY, DRK ER	
CFA SUBTOTAL: VERGREEN TREES ABC PIAB PPH TOE SUBTOTAL: CA CA CASC CSA	4 4 4 12 15 9 43 43 4 4 41 5 125	CORNUS FLORIDA 'APPALACHIAN SNOW' CORNUS FLORIDA 'APPALACHIAN SNOW' ABIES CONCOLOR PICEA ABIES PICEA ABIES PICEA PUNGENS 'HOOPSII' THUJA OCCIDENTALIS 'EMERALD' ARONIA ARBUTIFOLIA 'BRILLIANTISSIMA' CLETHRA ALNIFOLIA CLETHRA ALNIFOLIA CLETHRA ALNIFOLIA 'SIXTEEN CANDLES' CORNUS STOLONIFERA 'ARCTIC FIRE'	WHITE FLOWERING DOGWOOD WHITE FIR WHITE FIR NORWAY SPRUCE COLORADO BLUE SPRUCE EMERALD GREEN ARBORVITAE RED CHOKEBERRY SUMMERSWEET CLETHRA SUMMERSWEET CLETHRA COMPACT RED TWIG DOGWOOD	2-2 1/2" CAL. 6-7' 6-7' 7-8' 5-6' 3-4' 24-30" 24-30" 18-24"	B+B B+B B+B B+B B+B B+B B+B B+B B+B B+B	PLAN DOCU FOR CARMAX SUPERST INC PROPOS DEVELOP SEC. 6156-02- PA 1105-1115 R TOWN OF WA DUTCHESS O NEW YO BOHL IT COMPUTER D ALBANY, N Phone: (518 Fax: (518	AUTO ORES, SED MENT RCEL 664986 OUTE 9 PPINGER COUNTY, ORK ER PRIVE WEST Y 12205 9 438-9900 ) 438-0900	
CFA SUBTOTAL: VERGREEN TREES ABC PIAB PPH TOE SUBTOTAL: ECIDUOUS SHRUBS AAB CA CA CASC	4 4 4 12 15 9 43 43 4 4 1 5	CORNUS FLORIDA 'APPALACHIAN SNOW' CORNUS FLORIDA 'APPALACHIAN SNOW' ABIES CONCOLOR PICEA ABIES PICEA PUNGENS 'HOOPSII' THUJA OCCIDENTALIS 'EMERALD' ARONIA ARBUTIFOLIA 'BRILLIANTISSIMA' CLETHRA ALNIFOLIA CLETHRA ALNIFOLIA 'SIXTEEN CANDLES'	WHITE FLOWERING DOGWOOD WHITE FIR WHITE FIR NORWAY SPRUCE COLORADO BLUE SPRUCE EMERALD GREEN ARBORVITAE RED CHOKEBERRY SUMMERSWEET CLETHRA SUMMERSWEET CLETHRA	2-2 1/2" CAL. 6-7' 6-7' 7-8' 5-6' 3-4' 24-30" 24-30"	B+B B+B B+B B+B B+B B+B B+B B+B B+B B+B	PLAN DOCU FOR CARMAX SUPERST INC PROPOS DEVELOP SEC. 6156-02- PA 1105-1115 R TOWN OF WA DUTCHESS O NEW YO BOHL 17 COMPUTER D ALBANY, N Phone: (518	AUTO ORES, SED MENT RCEL 664986 OUTE 9 PPINGER COUNTY, ORK ER PRIVE WEST Y 12205 9 438-9900 ) 438-0900	
CFA SUBTOTAL: /ERGREEN TREES ABC PIAB PPH TOE SUBTOTAL: SUBTOTAL: CA CASC CASC CSA IVWR RAGL SUBTOTAL:	4 4 4 12 15 9 43 43 4 4 41 5 125 23 81	CORNUS FLORIDA 'APPALACHIAN SNOW' CORNUS FLORIDA 'APPALACHIAN SNOW' ABIES CONCOLOR PICEA ABIES PICEA PUNGENS 'HOOPSII' THUJA OCCIDENTALIS 'EMERALD' ARONIA ARBUTIFOLIA 'BRILLIANTISSIMA' CLETHRA ALNIFOLIA 'BRILLIANTISSIMA' CLETHRA ALNIFOLIA 'SIXTEEN CANDLES' CORNUS STOLONIFERA 'ARCTIC FIRE' ILEX VERTICILLATA 'WINTER RED'	WHITE FLOWERING DOGWOOD WINTER RED WINTERRY WITE RED WINTERRA	2-2 1/2" CAL. 6-7' 6-7' 7-8' 5-6' 3-4' 24-30" 24-30" 24-30" 18-24" 30-36"	B+B B+B B+B B+B B+B B+B B+B B+B B+B B+B	PLAN DOCU FOR CARMAX SUPERST INC PROPOS DEVELOP SEC. 6156-02- PA 1105-1115 R TOWN OF WA DUTCHESS O NEW YO BBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBB	AUTO ORES, SED MENT RCEL 664986 OUTE 9 PPINGER COUNTY, ORK ER PRIVE WEST Y 12205 9 438-9900 1438-0900 ineering.com	
CFA SUBTOTAL: VERGREEN TREES ABC PIAB PPH TOE SUBTOTAL: SUBTOTAL: CA CASC CASC CASC CSA IVWR RAGL SUBTOTAL:	4 4 4 12 15 9 43 43 4 4 41 5 125 23 81	CORNUS FLORIDA 'APPALACHIAN SNOW' CORNUS FLORIDA 'APPALACHIAN SNOW' ABIES CONCOLOR PICEA ABIES PICEA PUNGENS 'HOOPSII' THUJA OCCIDENTALIS 'EMERALD' ARONIA ARBUTIFOLIA 'BRILLIANTISSIMA' CLETHRA ALNIFOLIA 'BRILLIANTISSIMA' CLETHRA ALNIFOLIA 'SIXTEEN CANDLES' CORNUS STOLONIFERA 'ARCTIC FIRE' ILEX VERTICILLATA 'WINTER RED'	WHITE FLOWERING DOGWOOD WINTER RED WINTERRY WITE RED WINTERRA	2-2 1/2" CAL. 6-7' 6-7' 7-8' 5-6' 3-4' 24-30" 24-30" 24-30" 18-24" 30-36"	B+B B+B B+B B+B B+B B+B B+B B+B B+B B+B	PLAN DOCU FOR CARMAX SUPERST INC PROPOS DEVELOP SEC. 6156-02- PA 1105-1115 R TOWN OF WA DUTCHESS O NEW YO BOHL IT COMPUTER D ALBANY, N Phone: (518 Fax: (518	AUTO ORES, SED MENT RCEL 664986 OUTE 9 PPINGER COUNTY, ORK ER/ DRIVE WEST Y 12205 9 438-9900 1438-0900 ineering.com	
CFA SUBTOTAL: /ERGREEN TREES ABC PIAB PPH TOE SUBTOTAL: CASC CASC CASC CASC CSA IVWR RAGL SUBTOTAL: SUBTOTAL:	4 4 4 4 12 15 9 43 43 43 43 43 43 43 43 43 43 41 5 125 23 81 284	CORNUS FLORIDA 'APPALACHIAN SNOW' ABIES CONCOLOR PICEA ABIES PICEA PUNGENS 'HOOPSII' THUJA OCCIDENTALIS 'EMERALD' ARONIA ARBUTIFOLIA 'BRILLIANTISSIMA' CLETHRA ALNIFOLIA CLETHRA ALNIFOLIA CLETHRA ALNIFOLIA 'SIXTEEN CANDLES' CORNUS STOLONIFERA 'ARCTIC FIRE' ILEX VERTICILLATA 'WINTER RED' RHUS AROMATICA ''GRO-LOW'	WHITE FLOWERING DOGWOOD WHITE FIR WHITE FIR NORWAY SPRUCE COLORADO BLUE SPRUCE EMERALD GREEN ARBORVITAE RED CHOKEBERRY SUMMERSWEET CLETHRA SUMMERSWEET CLETHRA COMPACT RED TWIG DOGWOOD WINTER RED WINTERBERRY HOLLY GRO-LOW SUMAC	2-2 1/2" CAL. 6-7' 6-7' 7-8' 5-6' 3-4' 24-30" 24-30" 18-24" 30-36" 1 GAL.	B+B B+B B+B B+B B+B B+B B+B B+B B+B CONTAINER CONTAINER B+B CONTAINER B+B CONTAINER CONTAINER	FOR FOR CARMAX SUPERST INC PROPOS DEVELOP SEC. 6156-02- PA 105-1115 R TOWN OF WA DISCHISSE OWN OF WA DUCHESSO NEW YO BBBBBBBB INC NEW YO DISCHISSE NEW YO DISCHISSE NEW YO DISCHISSE NEW YO DISCHISSE NEW YO M.J. M	AUTO ORES, SED MENT RCEL 664986 OUTE 9 PPINGER COUNTY, ORK ER/ ORIVE WEST Y 12205 9 438-9900 9 438-0900 ineering.com	
CFA SUBTOTAL: /ERGREEN TREES ABC PIAB PPH TOE SUBTOTAL: CASC CASC CASC CASC CSA IVWR RAGL SUBTOTAL: /ERGREEN SHRUBS /ERGREEN SHRUBS	4 4 4 4 12 15 9 43 43 43 43 43 43 43 43 43 43 43 43 43	CORNUS FLORIDA 'APPALACHIAN SNOW' CORNUS FLORIDA 'APPALACHIAN SNOW' ABIES CONCOLOR PICEA ABIES PICEA PUNGENS 'HOOPSII' THUJA OCCIDENTALIS 'EMERALD' ARONIA ARBUTIFOLIA 'BRILLIANTISSIMA' CLETHRA ALNIFOLIA 'BRILLIANTISSIMA' CLETHRA ALNIFOLIA 'BRILLIANTISSIMA' CLETHRA ALNIFOLIA 'SIXTEEN CANDLES' CORNUS STOLONIFERA 'ARCTIC FIRE' ILEX VERTICILLATA 'WINTER RED' ILEX VERTICILLATA 'WINTER RED' ILEX SLABRA 'SHAMROCK' KALMIA LATIFOLIA 'ELF' PINUS MUGO MUGUS	WHITE FLOWERING DOGWOOD WHITE FIR WHITE FIR NORWAY SPRUCE COLORADO BLUE SPRUCE EMERALD GREEN ARBORVITAE EMERALD GREEN ARBORVITAE RED CHOKEBERRY SUMMERSWEET CLETHRA SUMMERSWEET CLETHRA COMPACT RED TWIG DOGWOOD WINTER RED WINTERBERRY HOLLY GRO-LOW SUMAC SHAMROCK INKBERRY HOLLY MOUNTAIN LAUREL	2-2 1/2" CAL. 6-7' 6-7' 7-8' 5-6' 3-4' 24-30" 24-30" 18-24" 30-36" 1 GAL. 24-30" 24-30" 30-36"	B+B B+B B+B B+B B+B B+B B+B B+B B+B CONTAINER CONTAINER B+B CONTAINER B+B CONTAINER B+B CONTAINER B+B B+B B+B B+B	PLAN DOCU FOR CARMAX SUPERST INC PROPOS DEVELOP SEC 6156-02- PA 105-1115 R TOWN OF WA DEVELOP SEC 6156-02- PA 105-1115 R TOWN OF WA DEVELOP SEC 6156-02- PA 105-1115 R TOWN OF WA DEVELOP	AUTO ORES, SED MENT RCEL 664986 OUTE 9 PPINGER COUNTY, ORK ERC/ PRIVE WEST Y 12205 9 438-9900 ) 438-0900 ineering.com RVA	
CFA SUBTOTAL: VERGREEN TREES ABC PIAB PPH TOE SUBTOTAL: ECIDUOUS SHRUBS AAB CA CASC CASC CASC CASC CASC CASC	4 4 4 4 12 15 9 43 4 4 4 4 125 23 81 284 284 32 21 6 26 15	CORNUS FLORIDA 'APPALACHIAN SNOW' CORNUS FLORIDA 'APPALACHIAN SNOW' ABIES CONCOLOR PICEA ABIES PICEA PUNGENS 'HOOPSII' THUJA OCCIDENTALIS 'EMERALD' ARONIA ARBUTIFOLIA 'BRILLIANTISSIMA' CLETHRA ALNIFOLIA CLETHRA	WHITE FLOWERING DOGWOOD WHITE FIR WHITE FIR NORWAY SPRUCE COLORADO BLUE SPRUCE EMERALD GREEN ARBORVITAE EMERALD GREEN ARBORVITAE RED CHOKEBERRY SUMMERSWEET CLETHRA SUMMERSWEET CLETHRA COMPACT RED TWIG DOGWOOD WINTER RED WINTERBERRY HOLLY GRO-LOW SUMAC SHAMROCK INKBERRY HOLLY MOUNTAIN LAUREL ELF MOUNTAIN LAUREL	2-2 1/2" CAL. 6-7' 6-7' 7-8' 5-6' 3-4' 24-30" 24-30" 18-24" 30-36" 1 GAL. 24-30" 30-36" 18-24"	B+B B+B B+B B+B B+B B+B B+B B+B B+B CONTAINER CONTAINER B+B CONTAINER CONTAINER B+B CONTAINER B+B CONTAINER	PLAN DOCU FOR CARMAX SUPERST INC PROPOS DEVELOP SEC 6156-02- PA 105-1115 R DEVELOP SEC 6156-02- PA 105-1115 R DEVELOP SEC 6156-02- PA 105-1115 R DEVELOP SEC 6156-02- PA 105-1115 R DEVELOP	AUTO ORES, SED MENT RCEL 664986 OUTE 9 PPINGER COUNTY, DRIVE WEST 12205 9 438-9900 1438-0900 incering.com RVA	
CFA SUBTOTAL: VERGREEN TREES ABC ABC PIAB PPH TOE SUBTOTAL: SUBTOTAL: CASC CASC CASC CASC CSA IVWR CASC CASC CSA IVWR RAGL SUBTOTAL: VERGREEN SHRUBS IGS IGS KL KLE PMM	4 4 4 4 12 15 9 43 43 4 4 41 5 125 23 81 284 284 284 284	CORNUS FLORIDA 'APPALACHIAN SNOW' CORNUS FLORIDA 'APPALACHIAN SNOW' ABIES CONCOLOR PICEA ABIES PICEA PUNGENS 'HOOPSII' THUJA OCCIDENTALIS 'EMERALD' ARONIA ARBUTIFOLIA 'BRILLIANTISSIMA' CLETHRA ALNIFOLIA 'BRILLIANTISSIMA' ILEX VERTICILLATA 'WINTER RED' ILEX VERTICILLATA 'WINTER RED' ILEX GLABRA 'SHAMROCK' KALMIA LATIFOLIA KALMIA LATIFOLIA 'ELF' PINUS MUGO MUGUS RHODODENDRON CATAWBIENSE 'ROSEUM	WHITE FLOWERING DOGWOOD WHITE FIR WHITE FIR NORWAY SPRUCE COLORADO BLUE SPRUCE EMERALD GREEN ARBORVITAE EMERALD GREEN ARBORVITAE RED CHOKEBERRY SUMMERSWEET CLETHRA SUMMERSWEET CLETHRA COMPACT RED TWIG DOGWOOD WINTER RED WINTERBERRY HOLLY GRO-LOW SUMAC SHAMROCK INKBERRY HOLLY MOUNTAIN LAUREL ELF MOUNTAIN LAUREL DWARF MUGO PINE	2-2 1/2" CAL. 6-7' 6-7' 7-8' 5-6' 3-4' 24-30" 24-30" 18-24" 30-36" 1 GAL. 24-30" 24-30" 1 GAL.	B+B B+B B+B B+B B+B B+B B+B B+B B+B CONTAINER CONTAINER B+B CONTAINER CONTAINER B+B CONTAINER B+B CONTAINER CONTAINER CONTAINER	PLAN DOCU FOR CARMAX SUPERST INC PROPOS DEVELOP SEC 6156-02- PA 1105-1115 R TOWN OF WA DEVELOP SEC 6156-02- PA 1105-1115 R TOWN OF WA DEVELOP BOOL NEW YO BOOL NEW YO	AUTO ORES, SED MENT RCEL 664986 OUTE 9 PPINGER COUNTY, DRIVE WEST 12205 9 438-9900 1438-0900 incering.com RVA	
CFA SUBTOTAL: /ERGREEN TREES ABC ABC PIAB PPH TOE SUBTOTAL: SUBTOTAL: CA CASC CASC CASC CASC CSA IVWR CASC CASC CSA IVWR RAGL SUBTOTAL: /ERGREEN SHRUBS IGS IGS KL KLE PMM RCRE SUBTOTAL:	4 4 4 4 12 15 9 43 4 4 4 4 125 23 81 284 284 32 21 6 26 15	CORNUS FLORIDA 'APPALACHIAN SNOW' CORNUS FLORIDA 'APPALACHIAN SNOW' ABIES CONCOLOR PICEA ABIES PICEA PUNGENS 'HOOPSII' THUJA OCCIDENTALIS 'EMERALD' ARONIA ARBUTIFOLIA 'BRILLIANTISSIMA' CLETHRA ALNIFOLIA 'BRILLIANTISSIMA' ILEX VERTICILLATA 'WINTER RED' ILEX VERTICILLATA 'WINTER RED' ILEX GLABRA 'SHAMROCK' KALMIA LATIFOLIA KALMIA LATIFOLIA 'ELF' PINUS MUGO MUGUS RHODODENDRON CATAWBIENSE 'ROSEUM	WHITE FLOWERING DOGWOOD WHITE FIR WHITE FIR NORWAY SPRUCE COLORADO BLUE SPRUCE EMERALD GREEN ARBORVITAE EMERALD GREEN ARBORVITAE RED CHOKEBERRY SUMMERSWEET CLETHRA SUMMERSWEET CLETHRA COMPACT RED TWIG DOGWOOD WINTER RED WINTERBERRY HOLLY GRO-LOW SUMAC SHAMROCK INKBERRY HOLLY MOUNTAIN LAUREL ELF MOUNTAIN LAUREL DWARF MUGO PINE	2-2 1/2" CAL. 6-7' 6-7' 7-8' 5-6' 3-4' 24-30" 24-30" 18-24" 30-36" 1 GAL. 24-30" 24-30" 1 GAL.	B+B B+B B+B B+B B+B B+B B+B B+B B+B CONTAINER CONTAINER B+B CONTAINER CONTAINER B+B CONTAINER B+B CONTAINER CONTAINER CONTAINER	PLAN DOCU FOR CARMAX SUPERST SUPERST INC PROPOS DEVELOP SEC 6156-02- PA 1105-1115 R TOWN OF WA DEVELOP SEC 6156-02- PA 1105-1115 R TOWN OF WA DEVELOP SEC 6156-02- PA 1105-1115 R TOWN OF WA DEVELOP	AUTO ORES, SED MENT RCEL 664986 OUTE 9 PPINGER OUTE	
CFA         SUBTOTAL:         VERGREEN TREES         ABC         PIAB         PPH         TOE         SUBTOTAL:         CA         CASC         CASC         CSA         IVWR         RAGL         SUBTOTAL:         VERGREEN SHRUBS         KAB         CASC         IVWR         RAGL         SUBTOTAL:         VERGREEN SHRUBS         IGS         KLE         PMM         RCRE         SUBTOTAL:         ROUND COVERS         AU         JS         SUBTOTAL:	4         4         4         12         15         9         43         4         41         5         125         23         81         284         32         21         6         26         15         95	CORNUS FLORIDA 'APPALACHIAN SNOW' CORNUS FLORIDA 'APPALACHIAN SNOW' ABIES CONCOLOR BIES CONCOLOR PICEA ABIES PICEA ABIES PICEA PUNGENS 'HOOPSII' THUJA OCCIDENTALIS 'EMERALD' THUJA OCCIDENTALIS 'EMERALD' ARONIA ARBUTIFOLIA 'BRILLIANTISSIMA' CLETHRA ALNIFOLIA 'BRILLIANTISSIMA' ARCTOSTAPHYLOS UVA-URSI	WHITE FLOWERING DOGWOOD WHITE FIR WHITE FIR NORWAY SPRUCE COLORADO BLUE SPRUCE EMERALD GREEN ARBORVITAE EMERALD GREEN ARBORVITAE  RED CHOKEBERRY SUMMERSWEET CLETHRA SUMMERSWEET CLETHRA COMPACT RED TWIG DOGWOOD WINTER RED WINTERBERRY HOLLY GRO-LOW SUMAC GRO-LOW SUMAC SHAMROCK INKBERRY HOLLY MOUNTAIN LAUREL ELF MOUNTAIN LAUREL DWARF MUGO PINE ROSEUM ELEGANS RHODODENDRON BEARBERRY	2-2 1/2" CAL. 6-7' 6-7' 7-8' 5-6' 3-4' 24-30" 24-30" 18-24" 30-36" 1 GAL. 24-30" 24-30" 1 GAL. 24-30" 30-36" 1 S-24" 30-36" 1 S-24" 30-36" 1 S-24" 18-24"	B+B B+B B+B B+B B+B B+B B+B B+B CONTAINER CONTAINER B+B CONTAINER B+B CONTAINER B+B CONTAINER B+B CONTAINER B+B CONTAINER B+B CONTAINER B+B B+B B+B B+B CONTAINER	<text><text><text><text><text><text><text></text></text></text></text></text></text></text>	AUTO ORES, SED MENT RCEL 664986 OUTE 9 PPINGER OUTE	
SUBTOTAL: VERGREEN TREES ABC PIAB PPH TOE SUBTOTAL: CA CASC CASC CASC CASC CASC CASC CASC	4         4         4         12         15         9         43         4         41         5         125         23         81         284         32         21         6         26         15         95	CORNUS FLORIDA 'APPALACHIAN SNOW' CORNUS FLORIDA 'APPALACHIAN SNOW' ABIES CONCOLOR BIES CONCOLOR PICEA ABIES PICEA ABIES PICEA PUNGENS 'HOOPSII' THUJA OCCIDENTALIS 'EMERALD' THUJA OCCIDENTALIS 'EMERALD' ARONIA ARBUTIFOLIA 'BRILLIANTISSIMA' CLETHRA ALNIFOLIA 'BRILLIANTISSIMA' ARCTOSTAPHYLOS UVA-URSI	WHITE FLOWERING DOGWOOD WHITE FIR WHITE FIR NORWAY SPRUCE COLORADO BLUE SPRUCE EMERALD GREEN ARBORVITAE EMERALD GREEN ARBORVITAE  RED CHOKEBERRY SUMMERSWEET CLETHRA SUMMERSWEET CLETHRA COMPACT RED TWIG DOGWOOD WINTER RED WINTERBERRY HOLLY GRO-LOW SUMAC GRO-LOW SUMAC SHAMROCK INKBERRY HOLLY MOUNTAIN LAUREL ELF MOUNTAIN LAUREL DWARF MUGO PINE ROSEUM ELEGANS RHODODENDRON BEARBERRY	2-2 1/2" CAL. 6-7' 6-7' 7-8' 5-6' 3-4' 24-30" 24-30" 18-24" 30-36" 1 GAL. 24-30" 24-30" 1 GAL. 24-30" 30-36" 1 S-24" 30-36" 1 S-24" 30-36" 1 S-24" 18-24"	B+B B+B B+B B+B B+B B+B B+B B+B CONTAINER CONTAINER B+B CONTAINER B+B CONTAINER B+B CONTAINER B+B CONTAINER B+B CONTAINER B+B CONTAINER B+B B+B B+B B+B CONTAINER	<text><text><text><text><text><text><text></text></text></text></text></text></text></text>	AUTO ORES, SED MENT RCEL 664986 OUTE 9 PPINGER OUTE 9 POID OUTE 9	

## LANDSCAPE SPECIFICATIONS

1. <u>SCOPE OF WORK:</u>	LACK OF NITROGEN AVAILABILITY, THE RISK OF PLANT DEATH IS GREATLY INCREASED. IT IS NOT RECOMMENDED THAT THESE SPECIES BE PLANTED DURING THE FALL PLANTING SEASON:
1.1. THE LANDSCAPE CONTRACTOR SHALL BE REQUIRED TO PERFORM ALL CLEARING, FINISHED GRADING, SOIL PREPARATION, PERMANENT SEEDING OR SODDING, PLANTING AND MULCHING INCLUDING ALL LABOR, MATERIALS, TOOLS AND EQUIPMENT NECESSARY FOR THE COMPLETION OF THIS PROJECT, UNLESS OTHERWISE CONTRACTED BY THE GENERAL CONTRACTOR.	ACER RUBRUMPLATANUS X ACERIFOLIABETULA VARIETIESPOPULUS VARIETIES
2. <u>MATERIALS</u>	CARPINUS VARIETIES PRUNUS VARIETIES CRATAEGUS VARIETIES PYRUS VARIETIES
2.1. GENERAL - ALL HARDSCAPE MATERIALS SHALL MEET OR EXCEED SPECIFICATIONS AS OUTLINED IN THE STATE DEPARTMENT OF TRANSPORTATION'S SPECIFICATIONS.	KOELREUTERIA QUERCUS VARIETIES LIQUIDAMBAR STYRACIFLUA TILIA TOMENTOSA
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 VARIETIES
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, WITH THE WIDTH TWICE THE DIAMETER OF ROOT BALL. THE ROOT BALL SHALL REST ON UNDISTURBED GRADE. EACH PLANT PIT SHALL BE BACKFILLED IN LAYERS WITH THE FOLLOWING PREPARED SOIL MIXED THOROUGHLY:
AND SEEDED OR SODDED IN ACCORDANCE WITH THE PERMANENT STABILIZATION METHODS INDICATED <u>ON THE LANDSCAPE PLAN</u> 2.3.1. LAWN SEED MIXTURE SHALL BE FRESH, CLEAN NEW CROP SEED.	9.8.1. 1 PART PEAT MOSS
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	9.8.2.       1 PART COMPOSTED COW MANURE BY VOLUME         9.8.3.       3 PARTS TOPSOIL BY VOLUME
SHALL BE PEGGED TO HOLD SOD IN PLACE. 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	9.8.4. 21 GRAMS 'AGRIFORM' PLANTING TABLETS (OR APPROVED EQUAL) AS FOLLOWS: 9.8.4.1. 2 TABLETS PER 1 GALLON PLANT
ON THE LANDSCAPE PLAN AND/OR LANDSCAPE PLAN NOTES /DETAILS.	9.8.4.2. 3 TABLETS PER 5 GALLON PLANT
<ul> <li>2.5. FERTILIZER</li> <li>2.5.1. FERTILIZER SHALL BE DELIVERED TO THE SITE MIXED AS SPECIFIED IN THE ORIGINAL UNOPENED STANDARD BAGS SHOWING WEIGHT, ANALYSIS AND</li> </ul>	9.8.4.3.4 TABLETS PER 15 GALLON PLANT9.8.4.4.LARGER PLANTS: 2 TABLETS PER ½" CALIPER OF TRUNK
NAME OF MANUFACTURER. FERTILIZER SHALL BE STORED IN A WEATHERPROOF PLACE SO THAT IT CAN BE KEPT DRY PRIOR TO USE. 2.5.2. FOR THE PURPOSE OF BIDDING. ASSUME THAT FERTILIZER SHALL BE 10% NITROGEN. 6% PHOSPHORUS AND 4% POTASSIUM BY WEIGHT. A	9.9. FILL PREPARED SOIL AROUND BALL OF PLANT HALF-WAY AND INSERT PLANT TABLETS. COMPLETE BACKFILL AND WATER THOROUGHLY.
FERTILIZER SHOULD NOT BE SELECTED WITHOUT A SOIL TEST PERFORMED BY A CERTIFIED SOIL LABORATORY.	9.10. ALL PLANTS SHALL BE PLANTED SO THAT THE TOP OF THE ROOT BALL, THE POINT AT WHICH THE ROOT FLARE BEGINS, IS SET AT GROUND LEVEL AND IN THE CENTER OF THE PIT. NO SOIL IS TO BE PLACED DIRECTLY ON TOP OF THE ROOT BALL.
<ul> <li>2.6. PLANT MATERIAL</li> <li>2.6.1. ALL PLANTS SHALL IN ALL CASES CONFORM TO THE REQUIREMENTS OF THE "AMERICAN STANDARD FOR NURSERY STOCK" (ANSI Z60.1), LATEST</li> </ul>	9.11. ALL PROPOSED TREES DIRECTLY ADJACENT TO WALKWAYS OR DRIVEWAYS SHALL BE PRUNED AND MAINTAINED TO A MINIMUM BRANCHING HEIGHT OF 7' FROM GRADE.
EDITION, AS PUBLISHED BY THE AMERICAN NURSERY & LANDSCAPE ASSOCIATION (FORMERLY THE AMERICAN ASSOCIATION OF NURSERYMEN).	9.12. GROUND COVER AREAS SHALL RECEIVE A ¼" LAYER OF HUMUS RAKED INTO THE TOP 1" OF PREPARED SOIL PRIOR TO PLANTING. ALL GROUND COVER AREAS SHALL BE WEEDED AND TREATED WITH A PRE-EMERGENT CHEMICAL AS PER MANUFACTURER'S RECOMMENDATION.
<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 VINES, SHALL BE PLANTED LESS THAN TWO FEET (2') FROM EXISTING STRUCTURES AND SIDEWALKS.
VERIFICATION PURPOSES DURING THE FINAL INSPECTION.	9.14. ALL PLANTING AREAS AND PLANTING PITS SHALL BE MULCHED AS SPECIFIED HEREIN TO FILL THE ENTIRE BED AREA OR SAUCER. NO MULCH IS TO TOUCH 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 11/4", 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 BRANCHES.	9.15. ALL PLANTING AREAS SHALL BE WATERED IMMEDIATELY UPON INSTALLATION IN ACCORDANCE WITH THE WATERING SPECIFICATIONS AS LISTED HEREIN.
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. <u>TRANSPLANTING (WHEN REQUIRED)</u> 10.1. ALL TRANSPLANTS SHALL BE DUG WITH INTACT ROOT BALLS CAPABLE OF SUSTAINING THE PLANT.
DENSELY FOLIATED, VIGOROUS ROOT SYSTEMS AND BE FREE OF DISEASE, INSECTS, PESTS, EGGS OR LARVAE.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	10.2. IF PLANTS ARE TO BE STOCKPILED BEFORE REPLANTING, THEY SHALL BE HEALED IN WITH MULCH OR SOIL, ADEQUATELY WATERED AND PROTECTED
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 (4") IN CALIPER, THE CALIPER SHOULD BE MEASURED AT A POINT 12" ABOVE THE NATURAL GRADE.	FROM EXTREME HEAT, SUN AND WIND. 10.3. PLANTS SHALL NOT BE DUG FOR TRANSPLANTING BETWEEN APRIL 10 AND JUNE 30.
2.6.7. SHRUBS SHALL BE MEASURED TO THE AVERAGE HEIGHT OR SPREAD OF THE SHRUB, AND NOT TO THE LONGEST BRANCH.	10.3.       PLANTS SHALL NOT BE DUG FOR TRANSPLANTING BETWEEN APRIL 10 AND JUNE 30.         10.4.       UPON REPLANTING, BACKFILL SOIL SHALL BE AMENDED WITH FERTILIZER AND ROOT GROWTH HORMONE.
<ul><li>2.6.8. TREES AND SHRUBS SHALL BE HANDLED WITH CARE BY THE ROOT BALL.</li><li>3. GENERAL WORK PROCEDURES</li></ul>	10.5. TRANSPLANTS SHALL BE GUARANTEED FOR THE LENGTH OF THE GUARANTEE PERIOD SPECIFIED HEREIN.
3.1. CONTRACTOR TO UTILIZE WORKMANLIKE INDUSTRY STANDARDS IN PERFORMING ALL LANDSCAPE CONSTRUCTION. THE SITE IS TO BE LEFT IN A CLEAN	10.6. F TRANSPLANTS DIE, SHRUBS AND TREES LESS THAN SIX INCHES (6") DBH SHALL BE REPLACED IN KIND. TREES GREATER THAN SIX INCHES (6") DBH MAY BE REQUIRED TO BE REPLACED IN ACCORDANCE WITH THE MUNICIPALITY'S TREE REPLACEMENT GUIDELINES.
STATE AT THE END OF EACH WORKDAY. ALL DEBRIS, MATERIALS AND TOOLS SHALL BE PROPERLY STORED, STOCKPILED OR DISPOSED OF. 3.2. WASTE MATERIALS AND DEBRIS SHALL BE COMPLETELY DISPOSED OF AT THE CONTRACTOR'S EXPENSE. DEBRIS SHALL NOT BE BURIED, INCLUDING	
ORGANIC MATERIALS, BUT SHALL BE REMOVED COMPLETELY FROM THE SITE.	11.1. NEW PLANTINGS OR LAWN AREAS SHALL BE ADEQUATELY IRRIGATED BEGINNING IMMEDIATELY AFTER PLANTING. WATER SHALL BE APPLIED TO EACH TREE AND SHRUB IN SUCH MANNER AS NOT TO DISTURB BACKFILL AND TO THE EXTENT THAT ALL MATERIALS IN THE PLANTING HOLE ARE THOROUGHLY SATURATED. WATERING SHALL CONTINUE AT LEAST UNTIL DIANTS ARE ESTABLISHED.
<ul> <li>4. <u>SITE PREPARATIONS</u></li> <li>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</li> </ul>	SATURATED. WATERING SHALL CONTINUE AT LEAST UNTIL PLANTS ARE ESTABLISHED. 11.2. SITE OWNER SHALL PROVIDE WATER IF AVAILABLE ON SITE AT TIME OF PLANTING. IF WATER IS NOT AVAILABLE ON SITE, CONTRACTOR SHALL SUPPLY ALL
ACCORDANCE WITH GENERAL WORK PROCEDURES OUTLINED HEREIN.	<ul> <li>11.2. SHE OWNER SHALL HOW DE WATER IN AVAILABLE ON SHE AT HIME OF PERMIND. IN WATER IS NOT AVAILABLE ON SHE, CONTRACTOR SHALL SOFTET ALL NECESSARY WATER. THE USE OF WATERING BAGS IS RECOMMENDED FOR ALL NEWLY PLANTED TREES.</li> <li>11.3. IF AN IRRIGATION SYSTEM HAS BEEN INSTALLED ON THE SITE. IT SHALL BE USED TO WATER PROPOSED PLANT MATERIAL, BUT ANY FAILURE OF THE</li> </ul>
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 OFF AT THE BRANCH COLLAR. CONTRACTOR SHALL ENSURE THAT CUTS ARE SMOOTH AND STRAIGHT. ANY EXPOSED ROOTS SHALL BE CUT BACK WITH CLEAN, SHARP TOOLS AND TOPSOIL SHALL BE PLACED AROUND THE REMAINDER OF THE ROOTS. EXISTING TREES SHALL BE MONITORED ON A REGULAR	SYSTEM DOES NOT ELIMINATE THE CONTRACTOR'S RESPONSIBILITY OF MAINTAINING THE DESIRED MOISTURE LEVEL FOR VIGOROUS, HEALTHY GROWTH.
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. CONTRACTOR SHALL WATER EXISTING TREES AS NEEDED TO PREVENT SHOCK OR DECLINE.	12. <u>GUARANTEE</u> 12.1. THE LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL PLANTS FOR A PERIOD OF 1 YEAR FROM APPROVAL OF LANDSCAPE INSTALLATION BY THE
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 ALL PLANTS FOR A PERIOD OF 1 YEAR FROM APPROVAL OF LANDSCAPE INSTALLATION BY THE APPROVING AGENCY. CONTRACTOR SHALL SUPPLY THE OWNER WITH A MAINTENANCE BOND FOR TEN PERCENT (10%) OF THE VALUE OF THE LANDSCAPE INSTALLATION WHICH WILL BE RELEASED AT THE CONCLUSION OF THE GUARANTEE PERIOD AND WHEN A FINAL INSPECTION HAS BEEN COMPLETED AND
MATERIAL. UTILITY COMPANIES SHALL BE CONTACTED THREE (3) DAYS PRIOR TO THE BEGINNING OF WORK. 5. TREE PROTECTION	APPROVED BY THE OWNER OR AUTHORIZED REPRESENTATIVE.
5.1. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING TREES TO REMAIN. A TREE PROTECTION ZONE SHALL BE ESTABLISHED AT	12.2. ANY DEAD OR DYING PLANT MATERIAL SHALL BE REPLACED FOR THE LENGTH OF THE GUARANTEE PERIOD. REPLACEMENT OF PLANT MATERIAL SHALL BE CONDUCTED AT THE FIRST SUCCEEDING PLANTING SEASON. ANY DEBRIS SHALL BE DISPOSED OF OFF-SITE, WITHOUT EXCEPTION.
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 CONTRACTOR DURING CONSTRUCTION AND THROUGHOUT THE 90 DAY MAINTENANCE PERIOD AS SPECIFIED HEREIN. CULTIVATION, WEEDING, WATERING AND THE PREVENTATIVE TREATMENTS SHALL BE PERFORMED AS NECESSARY TO KEEP PLANT
5.2. A FORTY-EIGHT INCH (48") HIGH WOODEN SNOW FENCE OR ORANGE COLORED HIGH-DENSITY 'VISI-FENCE', OR APPROVED EQUAL, MOUNTED ON STEEL POSTS SHALL BE PLACED ALONG THE BOUNDARY OF THE TREE PROTECTION ZONE. POSTS SHALL BE LOCATED AT A MAXIMUM OF EIGHT FEET (8') ON	MATERIAL IN GOOD CONDITION AND FREE OF INSECTS AND DISEASE.
CENTER OR AS INDICATED WITHIN THE TREE PROTECTION DETAIL.	REGARDING AND REPLANTING AS REQUIRED TO ESTABLISH A SMOOTH, ACCEPTABLE LAWN, FREE OF ERODED OR BARE AREAS.
5.3. WHEN THE TREE PROTECTION FENCING HAS BEEN INSTALLED, IT SHALL BE INSPECTED BY THE APPROVING AGENCY PRIOR TO DEMOLITION, GRADING, TREE CLEARING OR ANY OTHER CONSTRUCTION. THE FENCING ALONG THE TREE PROTECTION ZONE SHALL BE REGULARLY INSPECTED BY THE LANDSCAPE CONTRACTOR AND MAINTAINED UNTIL ALL CONSTRUCTION ACTIVITY HAS BEEN COMPLETED.	13. <u>CLEANUP</u> 13.1. UPON THE COMPLETION OF ALL LANDSCAPE INSTALLATION AND BEFORE THE FINAL ACCEPTANCE, THE CONTRACTOR SHALL REMOVE ALL UNUSED
5.4. AT NO TIME SHALL MACHINERY, DEBRIS, FALLEN TREES OR OTHER MATERIALS BE PLACED, STOCKPILED OR LEFT STANDING IN THE TREE PROTECTION	MATERIALS, EQUIPMENT AND DEBRIS FROM THE SITE. ALL PAVED AREAS ARE TO BE CLEANED.
ZONE. 6. SOIL MODIFICATIONS	13.2. THE SITE SHALL BE CLEANED AND LEFT IN A NEAT AND ACCEPTABLE CONDITION AS APPROVED BY THE OWNER OR AUTHORIZED REPRESENTATIVE. 14. MAINTENANCE (ALTERNATIVE BID):
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	14.1. A 90 DAY MAINTENANCE PERIOD SHALL COMMENCE AT THE END OF ALL LANDSCAPE INSTALLATION OPERATIONS. THE 90 DAY MAINTENANCE PERIOD
<ul><li>CERTIFIED SOIL LABORATORY.</li><li>6.2. LANDSCAPE CONTRACTOR SHALL REPORT ANY SOIL OR DRAINAGE CONDITIONS CONSIDERED DETRIMENTAL TO THE GROWTH OF PLANT MATERIAL. SOIL</li></ul>	ENSURES TO THE OWNER/OPERATOR THAT THE NEWLY INSTALLED LANDSCAPING HAS BEEN MAINTAINED AS SPECIFIED ON THE APPROVED LANDSCAPE PLAN. ONCE THE INITIAL 90 DAY MAINTENANCE PERIOD HAS EXPIRED, THE OWNER/OPERATOR MAY REQUEST THAT BIDDERS SUBMIT AN ALTERNATE MAINTENANCE BID FOR A MONTHLY MAINTENANCE CONTRACT. THE ALTERNATE MAINTENANCE CONTRACT WILL ENCOMPASS ANY WORK THAT IS
MODIFICATIONS, AS SPECIFIED HEREIN, MAY NEED TO BE CONDUCTED BY THE LANDSCAPE CONTRACTOR DEPENDING ON SITE CONDITIONS.	MAINTENANCE BID FOR A MONTHLY MAINTENANCE CONTRACT. THE ALTERNATE MAINTENANCE CONTRACT WILL ENCOMPASS ANY WORK THAT IS CONSIDERED APPROPRIATE TO ENSURE THAT PLANT AND LAWN AREAS ARE HEALTHY AND MANICURED TO THE APPROVAL OF THE OWNER/OPERATOR.
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 UPENTICIAN CLEAR TO MODE STRUCTURE. AVOID MATERIAL WITH A DULUCUED THAN 7.5	1. PRIOR TO SEEDING, AREA IS TO BE TOPSOILED, FINE GRADED, AND RAKED OF ALL DEBRIS LARGER THAN 2"
<ul> <li>WITH IDENTIFIABLE LEAF OR WOOD STRUCTURE. AVOID MATERIAL WITH A PH HIGHER THAN 7.5.</li> <li>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)</li> </ul>	DIAMETER.
AND/OR AGRICULTURAL GYPSUM. COARSE SAND MAY BE USED IF ENOUGH IS ADDED TO BRING THE SAND CONTENT TO MORE. THAN 60% OF THE TOTAL MIX. SUBSURFACE DRAINAGE LINES MAY NEED TO BE ADDED TO INCREASE DRAINAGE.	2. PRIOR TO SEEDING, CONSULT MANUFACTURER'S RECOMMENDATIONS AND INSTRUCTIONS.
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 MIX	SEEDING RATES:     PERENNIAL RYEGRASS     1/2 LB/1000 SQ FT
7. <u>FINISHED GRADING</u>	KENTUCKY BLUEGRASS 1 LB/1000 SQ FT     RED FESCUE 1/2 LB/1000 SQ FT     SPREADING FESCUE 1/2 L B/1000 SO FT
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.	<ul> <li>SPREADING FESCUE 1/2 LB/1000 SQ FT</li> <li>FERTILIZER (16.32.16) 2 LB/1000 SQ FT</li> <li>LIQUID LIME 1 GAL/800 GAL.</li> </ul>
7.2. LANDSCAPE CONTRACTOR SHALL VERIFY THAT SUBGRADE FOR INSTALLATION OF TOPSOIL HAS BEEN ESTABLISHED. THE SUBGRADE OF THE SITE MUST	LIQUID LIME 1 GAL/800 GAL.     TANK TACKIFIER 35 LB/800 GAL.     TANK FIBER MULCH 30 LB/1000 SQ FT
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	<ul> <li>TANK FIBER MULCH 30 LB/1000 SQ FT</li> <li>4. GERMINATION RATES WILL VARY AS TO TIME OF YEAR FOR SOWING. CONTRACTOR TO IRRIGATE SEEDED</li> </ul>
WITHIN THIS SET OF CONSTRUCTION PLANS, UNLESS OTHERWISE DIRECTED BY THE PROJECT ENGINEER OR LANDSCAPE ARCHITECT.	<ol> <li>GERMINATION RATES WILL VARY AS TO TIME OF YEAR FOR SOWING. CONTRACTOR TO IRRIGATE SEEDED AREA UNTIL AN ACCEPTABLE STAND OF COVER IS ESTABLISHED BY OWNER.</li> </ol>
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. TOPSOILING 8.1 CONTRACTOR SHALL PROVIDE A 6" THICK MINIMUM LAYER OF TOPSOIL OR AS DIRECTED BY THE LOCAL ORDINANCE OR CLIENT IN ALL PLANTING AREAS	
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.	HYDROSEED SPECIFICATIONS
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.	APPLICATION RATE: 1/2 LB. / 1000 SQ. FT. (20 LBS. / ACRE)
<ul> <li>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</li> </ul>	"NATIVE DETENTION AREA MIX" AS PREPARED BY: MIX COMPOSITION:
SPECIFIED IN THE MATERIALS SECTION ABOVE.	ERNST CONSERVATION SEEDS, INC.       25.0% PANICUM VIRGATUM, 'SHELTER' (SWITCHGRASS, 'SHELTER')         8884 MERCER PIKE, MEADVILLE, PA 16335       24.0% PANICUM CLANDESTINUM, 'TIOGA' (DEERTONGUE, 'TIOGA')
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")	PHONE: 800-873-3321 / 814-336-2404 EMAIL: SALES@ERNSTSEED.COM 21.0% ELYMUS VIRGINICUS, PA ECOTYPE (FOX SEDGE, PA ECOTYPE) 21.0% ELYMUS VIRGINICUS, PA ECOTYPE (VIRGINIA WILDRYE, PA ECOTYPE)
IN TWO DIRECTIONS (QUANTITIES BASED ON A 1,000 SQUARE FOOT AREA - FOR BID PURPOSES ONLY [SEE SPECIFICATION 6.A.]): 8.4.1. 20 POUNDS 'GRO-POWER' OR APPROVED SOIL CONDITIONER/FERTILIZER	WEBSITE: WWW.ERNSTSEED.COM 6.0% AGROSTIS PERENNANS, ALBANY PINE BUSH-NY ECOTYPE (AUTUMN BENTGRASS, ALBANY PINE BUSH-NY ECOTYPE)
8.4.1.20 POUNDS 'GRO-POWER' OR APPROVED SOIL CONDITIONER/FERTILIZER8.4.2.20 POUNDS NITRO-FORM (COURSE) 38-0-0 BLUE CHIP OR APPROVED NITROGEN FERTILIZER	1.0% JUNCUS EFFUSUS (SOFT RUSH) 1.0% PANICUM RIGIDULUM, PA ECOTYPE (REDTOP PANICGRASS, PA ECOTYPE)
8.5. THE SPREADING OF TOPSOIL SHALL NOT BE CONDUCTED UNDER MUDDY OR FROZEN CONDITIONS.	BASIN SEED MIX SPECIFICATIONS
<ol> <li><u>PLANTING</u></li> <li>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</li> </ol>	BASIN SEED WILA SPECIFICATIONS
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	METHODS AND MATERIALS
HELP PRESERVE ROOT MOISTURE. 9.2. PLANTING OPERATIONS SHALL BE PERFORMED DURING PERIODS WITHIN THE PLANTING SEASON WHEN WEATHER AND SOIL CONDITIONS ARE SUITABLE	<ol> <li>CULTIVATED SOD IS PREFERRED OVER NATIVE OR PASTURE SOD. SPECIFY "CERTIFIED SOD," OR OTHER HIGH QUALITY CULTIVATED SOD.</li> <li>SOD SHOULD BE FREE OF WEEDS AND UNDESIRABLE COARSE WEEDY GRASSES.</li> </ol>
AND IN ACCORDANCE WITH ACCEPTED LOCAL PRACTICE. PLANTS SHALL NOT BE INSTALLED IN TOPSOIL THAT IS IN A MUDDY OR FROZEN CONDITION.	<ol> <li>SOD SHOULD BE OF UNIFORM THICKNESS, APPROXIMATELY 5/8 INCH, PLUS OR MINUS 1/4 INCH, AT TIME OF CUTTING. (EXCLUDES TOP GROWTH.)</li> <li>SOD SHOULD BE VIGOROUS AND DENSE AND BE ABLE TO RETAIN ITS OWN SHAPE AND WEIGHT WHEN SUSPENDED VERTICALLY WITH A FIRM GRASP FROM THE</li> </ol>
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.	UPPER 10 PERCENT OF THE STRIP. BROKEN PADS OR TORN AND UNEVEN ENDS WILL NOT BE ACCEPTABLE. 5. FOR DRAUGHT SITES, A SOD OF KENTUCKY 31 TALL FESCUE AND BLUEGRASS IS PREFERRED OVER A STRAIGHT BLUEGRASS SOD.
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.	6. ONLY MOIST, FRESH, UNHEATED SOD SHOULD BE USED. SOD SHOULD BE HARVESTED, DELIVERED, AND INSTALLED WITHIN A PERIOD OF 36 HOURS.
9.5. POSITION TREES AND SHRUBS AT THEIR INTENDED LOCATIONS AS PER THE PLANS AND SECURE THE APPROVAL OF THE LANDSCAPE ARCHITECT PRIOR TO	I. SITE PREPARATION A. GRADE AS NEEDED AND FEASIBLE TO PERMIT THE USE OF CONVENTIONAL EQUIPMENT FOR LIMING, FERTILIZING, AND SOIL PREPARATION. ALL GRADING SHOULD B DONE IN ACCORDANCE WITH STANDARD FOR LAND GRADING
EXCAVATING PITS, MAKING NECESSARY ADJUSTMENTS AS DIRECTED. 9.6. PRIOR TO THE ISSUANCE OF ANY CERTIFICATE OF OCCUPANCY, THE PROPOSED LANDSCAPE, AS SHOWN ON THE APPROVED LANDSCAPE PLAN, MUST BE	DONE IN ACCORDANCE WITH STANDARD FOR LAND GRADING. B. INSTALL NEEDED EROSION CONTROL PRACTICES AND FACILITIES, SUCH AS INTERCEPTOR DITCHES, DIKES AND TERRACES, EROSION STOPS, AND DE-SILTING BASINS.
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	BASINS. II. SOIL PREPARATION
SEASONS: 9.6.1. PLANTS: MARCH 15 TO DECEMBER 15	A. APPLY LIMESTONE AND FERTILIZER ACCORDING TO SOIL TESTS SUCH AS THOSE OFFERED BY RUTGERS UNIVERSITY SOIL TESTING LABORATORY. SOIL SAMPLE
9.6.1.PLANTS: MARCH 15 TO DECEMBER 159.6.2.LAWN: MARCH 15 TO JUNE 15 OR SEPT. 1 TO DECEMBER 1	MAILERS ARE AVAILABLE FROM THE LOCAL COOPERATIVE EXTENSION SERVICE OFFICE. IF SOIL TESTING IS NOT FEASIBLE ON SMALL OR VARIABLE SITES, OR WHERE
	TIMING IS CRITICAL, FERTILIZER MAY BE APPLIED AT THE RATE OF 500 POUNDS PER ACRE OR 11 POUNDS PER 1,000 SQUARE FEET OF 10-20-10 OR EQUIVALENT. IN ADDITION, 300 POUNDS 38-0-0 PER ACRE OR EQUIVALENT OF SLOW RELEASE NITROGEN MAY BE USED IN LIEU OF TOP-DRESSING. APPLY LIMESTONE (EQUIVALENT TO S
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.	TIMING IS CRITICAL, FERTILIZER MAY BE APPLIED AT THE RATE OF 500 POUNDS PER ACRE OR 11 POUNDS PER 1,000 SQUARE FEET OF 10-20-10 OR EQUIVALENT. IN
	TIMING IS CRITICAL, FERTILIZER MAY BE APPLIED AT THE RATE OF 500 POUNDS PER ACRE OR 11 POUNDS PER 1,000 SQUARE FEET OF 10-20-10 OR EQUIVALENT. IN ADDITION, 300 POUNDS 38-0-0 PER ACRE OR EQUIVALENT OF SLOW RELEASE NITROGEN MAY BE USED IN LIEU OF TOP-DRESSING. APPLY LIMESTONE (EQUIVALENT TO S
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IMMEDIATELY PRIOR TO LAYING THE SOD. SOIL TESTS SUCH AS THOSE OFFERED BY RUTGERS UNIVERSITY SOIL TESTING LABORATORY. SOIL SAMPLE B. PLACE SOD STRIPS WITH SNUG, EVEN JOINTS THAT ARE STAGGERED. OPEN SPACES INVITE EROSION. VE EXTENSION SERVICE OFFICE. IF SOIL TESTING IS NOT FEASIBLE ON SMALL OR VARIABLE SITES, OR WHERE E RATE OF 500 POUNDS PER ACRE OR 11 POUNDS PER 1,000 SQUARE FEET OF 10-20-10 OR EQUIVALENT. IN D. ON SLOPES GREATER THAN 3 TO 1. SECURE SOD TO SURFACE SOIL WITH WOOD PEGS. WIRE STAPLES, OR SPLIT SHINGLES (8 TO 10 INCHES LONG BY 3/4 INCH WIDE IT OF SLOW RELEASE NITROGEN MAY BE USED IN LIEU OF TOP-DRESSING. APPLY LIMESTONE (EQUIVALENT TO 50

SE OF CONVENTIONAL EQUIPMENT FOR LIMING, FERTILIZING, AND SOIL PREPARATION. ALL GRADING SHOULD BE D. INSPECT SITE JUST BEFORE SEEDING. IF TRAFFIC HAS LEFT THE SOIL COMPACTED, THE AREA MUST BE RE-TILLED AND FIRMED AS ABOVE.

# SEED MIX SPECIFICATIONS

1.) NO SOIL OR MULCH SHALL BE PLACED AGAINST ROOT COLLAR OF PLANT. 2.) REMOVE ALL NON-BIODEGRADABLE MATERIAL AND ROPE FROM TRUNK & TOP OF ROOT BALL. FOLD BURLAP BACK 1/3 FROM ROOT BALL 3.) PLANTING DEPTH SHALL BE THE SAME AS GROWN IN NURSERY. FIRST MONTH AFTER PLANTING AND REGULARLY THROUGHOUT THE FOLLOWING TWO SUMMERS. NEW SOIL IS ADDED. IT IS PREFERABLE TO TILL THE FIRST LIFT (2 TO 3 IN.) OF PLANTING SOIL INTO THE SUBSOIL

PER TREE

FOLD BURLAP AWAY FROM TOP OF ROOT -

12 GAUGE GALVANIZED WIRE GUYS TWISTED -

2" DIA. HARDWOOD STAKES 2/3 TREE HT. 3 -

(RECOMMENDATION ONLY. SEE SOIL MOD. CHART)

AT WHICH THE ROOT FLARE BEGINS IS SET

FROM TOP ONE-THIRD OF ROOT BALL AS

EVEL WITH GRADE. CUT AND REMOVE BURLAP

TWICE THE WIDTH OF ROOTBALL FOR -

PREPARED SOIL FOR TREES.

PREPARED SOIL FOR TREES -

UNDISTURBED SUBGRADE -

SHOWN.

PLANTING MIX:-

1 PART PEAT MOSS

1 PART COW MANURE

(SEE SOIL MODIFICATION CHART)

BEFORE PLANTING, ADD 3" TO 4" OF-

SOIL SURFACE ROUGHENED TO-

WELL-COMPOSTED LEAVES AND RECYCLED

YARD WASTE TO BED AND TILL INTO TOP 6" OF

3 PARTS TOPSOIL

PREPARED SOIL.

ALVANAN MAN

SOIL TEXTURE

LOAMY SAND, SAND

SEEDBED IS PREPARED.

CLAY, CLAY LOAM, AND HIGH ORGANIC SOIL

SANDY LOAM, LOAM, SILT LOAM

TAMPED SIDES

DIG WIDE, SHALLOW HOLE WITH -

1 PART PEAT MOSS 1 PART COW MANURE 3 PARTS TOPSOIL

4.) THOROUGHLY SOAK THE TREE ROOT BALL AND ADJACENT PREPARED SOIL SEVERAL TIMES DURING THE 5.) THE BOTTOM OF PLANTING PIT EXCAVATIONS SHOULD BE ROUGH TO AVOID MATTING OF SOIL LAYERS

6.) REFER TO THE CHART "GENERAL RANGE OF SOIL MODIFICATIONS & VOLUMES FOR VARIOUS SOIL

CONDITIONS" TO DETERMINE MINIMUM WIDTH OF PREPARED SOIL. AVOID PURCHASING TREES WITH TWO LEADERS 7.) SUBSTITUTE ARBORVITAE STAKING SYSTEM WHEN SPECIFIED. OR REMOVE ONE AT PLANTING: OTHERWISE, DO REINFORCED RUBBER HOSE (1/2" DIA. BLACK) -

NOT PRUNE TREE AT PLANTING EXCEPT FOR SPECIFIC STRUCTURAL CORRECTIONS.

SET ROOT BALL FLUSH TO GRADE OR SEVERAL INCHES HIGHER IN POORLY DRAINING SOILS.

- 4" BUILT-UP EARTH SAUCER

3" DOUBLE SHREDDED HARDWOOD BARK MULCH (UNLESS OTHERWISE SPECIFIED) (DO NOT PLACE MULCH IN CONTACT WITH TREE

- LANDSCAPE FABRIC AS SPECIFIED.

- ALL PLANTING CONTAINERS BASKETS AND

NON-BIODEGRADABLE MATERIALS SHALL BE REMOVED FROM ROOT BALLS.

SET ROOT BALL ON UNDISTURBED SOIL IN BOTTOM OF HOLE

TAMP SOIL SOLIDLY AROUND BASE -OF ROOT BALL TREE PLANTING DETAIL PLANT SHALL BE PLANTED SO THAT THE POINT-

NT -FOR CONTAINER-GROWN SHRUBS, PLANT SHALL BE TRANSPLANTED AT THE SAME GRADE AS IN THE CONTAINER. REMOVE THE CONTAINER, USE FINGER OR SMALL HAND TOOLS

TO PULL THE ROOTS OUT OF THE OUTER LAYER OF POTTING SOIL; THEN CUT OR PULL APART ANY ROOTS THAT CIRCLE THE PERIMETER OF THE CONTAINER.

-3" DOUBLE-SHREDDED HARDWOOD BARK MULCH (DO NOT PUT MULCH AGAINST THE BASE OF THE PLANT).

-LANDSCAPE FABRIC AS SPECIFIED -FINISHED GRADE

-PLACE SHRUB ON FIRM SOIL IN BOTTOM OF HOLE.

UNDISTURBED SUBGRADE

-WHEN APPROPRIATE, PLANT MULTIPLE SHRUBS IN

FINISHED GRADE. SEE MATERIALS PLAN

WASHED ROUNDED RIVERSTONE

WEED PROTECTION FILTER FABRIC

- COMPACTED SUBGRADE

FINISHED GRADE. SEE PLANS FOR ELEVATION

NTS

1"-4" ROUND

N.T.S.

SHRUB PLANTING DETAIL

BIND WITH NEW SOIL.

SPECIFICATIONS

AT TIME OF DELIVERY.

SECTION

TONS/ACRE LBS/1000 SQ. FT

180

135

**STONE MULCH** 

B. WORK LIME AND FERTILIZER INTO THE SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 4 INCHES WITH A DISC, SPRING TOOTH HARROW, OR OTHER SUITABLE

EQUIPMENT. THE FINAL HARROWING OR DISCOING OPERATION SHOULD BE ON THE GENERAL CONTOUR. CONTINUE TILLAGE UNTIL A REASONABLY UNIFORM, FINE

C. REMOVE FROM THE SURFACE ALL OBJECTS THAT WOULD PREVENT GOOD SOD TO SOIL CONTACT AND REMOVE ALL OTHER DEBRIS, SUCH AS WIRE, CABLE, TREE

A. SOD STRIPS SHOULD BE LAID ON THE CONTOUR. NEVER UP AND DOWN THE SLOPE. STARTING AT THE BOTTOM OF THE SLOPE AND WORKING UP. ON STEEP SLOPES.

THE USE OF LADDERS WILL FACILITATE THE WORK AND PREVENT DAMAGE TO THE SOD. DURING PERIODS OF HIGH TEMPERATURE, LIGHTLY IRRIGATE THE SOIL

C. ROLL OR TAMP SOD IMMEDIATELY FOLLOWING PLACEMENT TO INSURE SOLID CONTACT OF ROOT MAT AND SOIL SURFACE. DO NOT OVERLAP SOD. ALL JOINTS

E. SURFACE WATER CANNOT ALWAYS BE DIVERTED FROM FLOWING OVER THE FACE OF THE SLOPE. BUT A CAPPING STRIP OF HEAVY JUTE OR PLASTIC NETTING. PROPERLY SECURED, ALONG THE CROWN OF THE SLOPE AND EDGES WILL PROVIDE EXTRA PROTECTION AGAINST LIFTING AND UNDERCUTTING OF SOD. THE SAME

NOTE: IRRIGATION TO BE PROVIDED IN ALL ROCK MULCH BEDS

ROOTS, PIECES OF CONCRETE, CLODS, LUMPS, OR OTHER UNSUITABLE MATERIAL.

SHOULD BE BUTTED TIGHTLY IN ORDER TO PREVENT VOIDS WHICH WOULD CAUSE DRYING OF THE ROOTS.

NAME: WINCHESTER RIVER ROCK 1" - 4"

SHARP ANGULAR SIDES OR FACES

DIMENSION. STONE SIZING SHOULD BE

COLOR: COLORS WILL BROWN / TAN TONES.

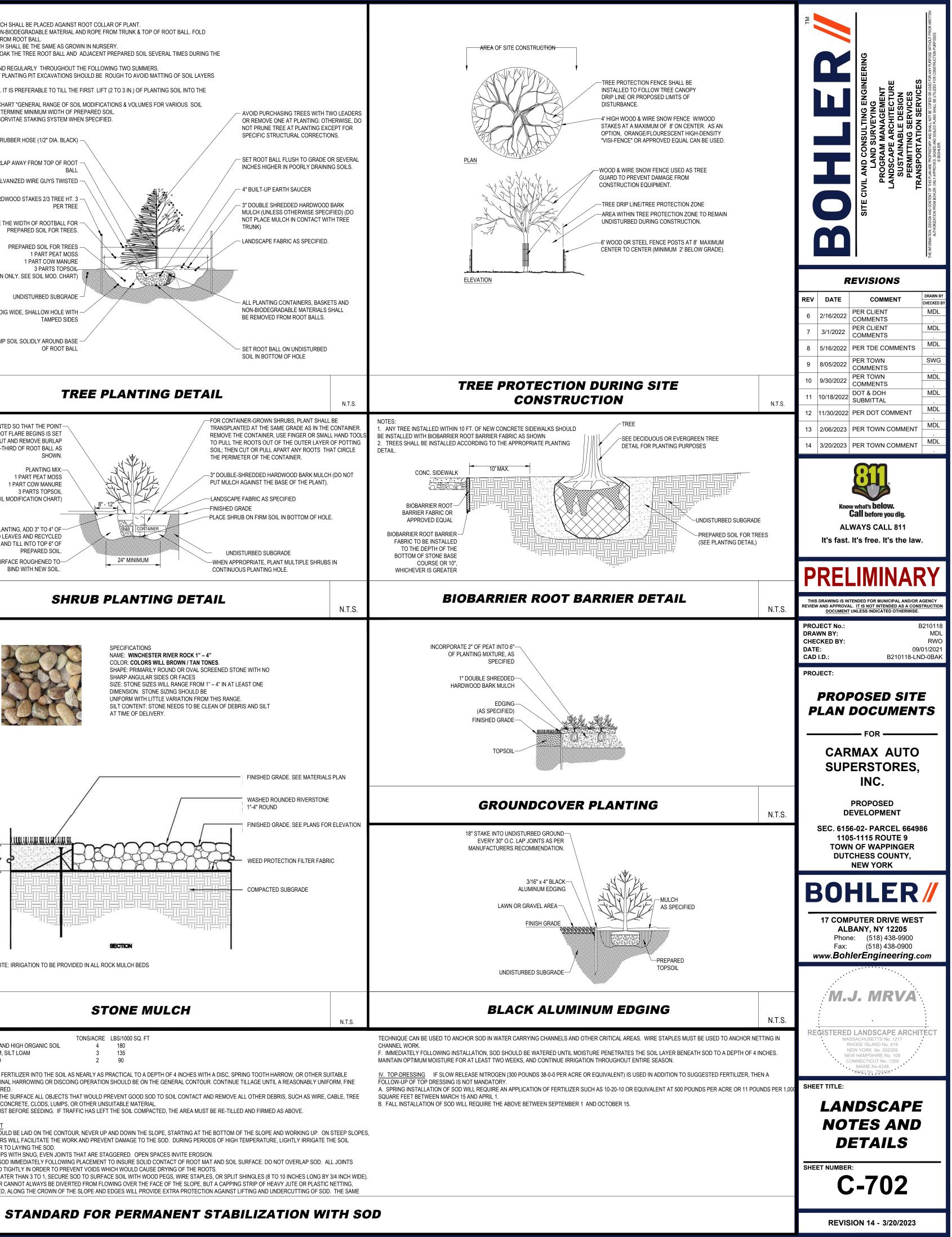
24" MINIMUM CONTINUOUS PLANTING HOLE.

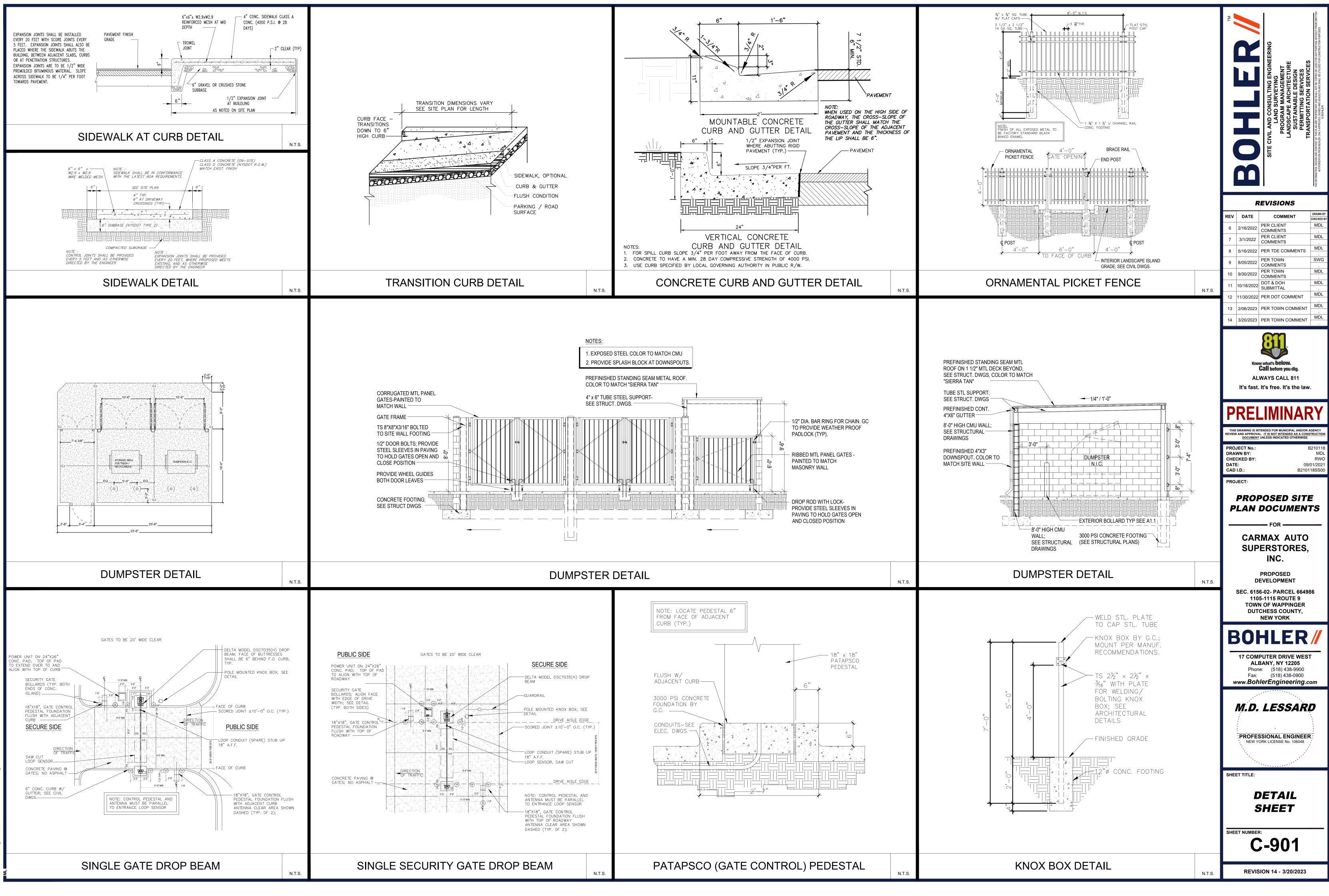
SHAPE: PRIMARILY ROUND OR OVAL SCREENED STONE WITH NO

SILT CONTENT: STONE NEEDS TO BE CLEAN OF DEBRIS AND SILT

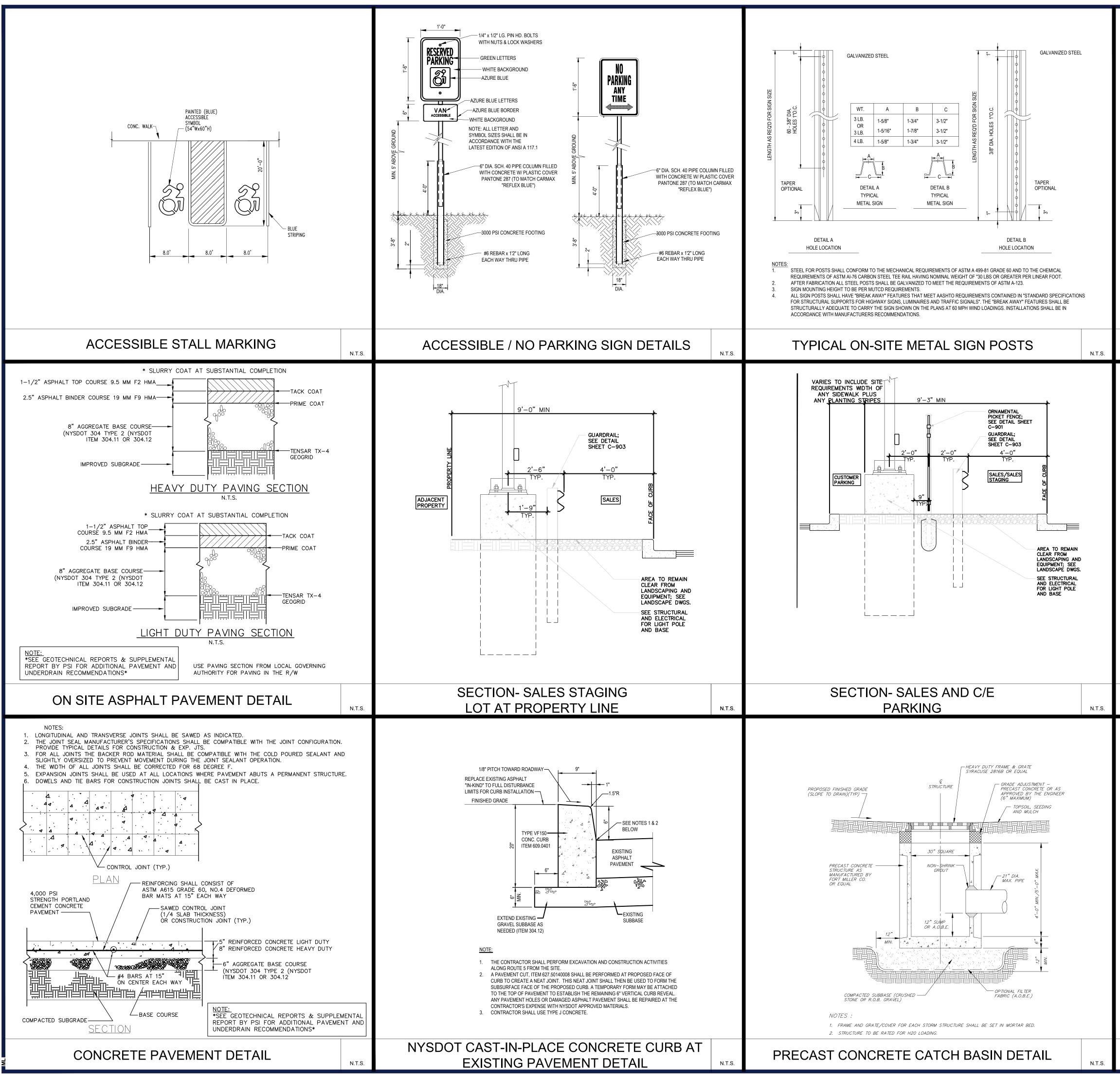
SIZE: STONE SIZES WILL RANGE FROM 1" - 4" IN AT LEAST ONE

UNIFORM WITH LITTLE VARIATION FROM THIS RANGE.





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