

SITE LOCATION MAP SCALE: 1" = 2000'

SITE EXPANSION STONE SELF STORAGE

SITE STATISTICS

EXISTING ZONING PARCEL AREA PROPOSED LAND USE BUILDING AREA

> EXISTING COMMERCIAL PROPOSED STORAGE TOTAL

PROPOSED PARKING PROPOSED BUILDING HEIGHT PROPOSED GREENSPACE MINIMUM BUILDING SETBACKS

FRONT YARD REAR YARD

SIDE YARD WATER SERVICE

SANITARY SERVICE STORMWATER ON-SITE STORMWATER MANAGEMENT

C1 GENERAL COMMERCIAL 2.98 ACRES COMMERCIAL AND SELF STORAGE

6,000 SF 24,400 SF 30,400 SF (23.3% COVERAGE)

40 SPACES 12 FEET 1.0 ACRES (33%)

PROPOSED REQUIRED 300 FT 30 FT 300 FT 30 FT 15 FT 15 FT

TOWN OF MOREAU EXISTING ON-SITE SEPTIC SYSTEM

APPLICANT/OWNER: STONE REAL ESTATE GROUP, LLC

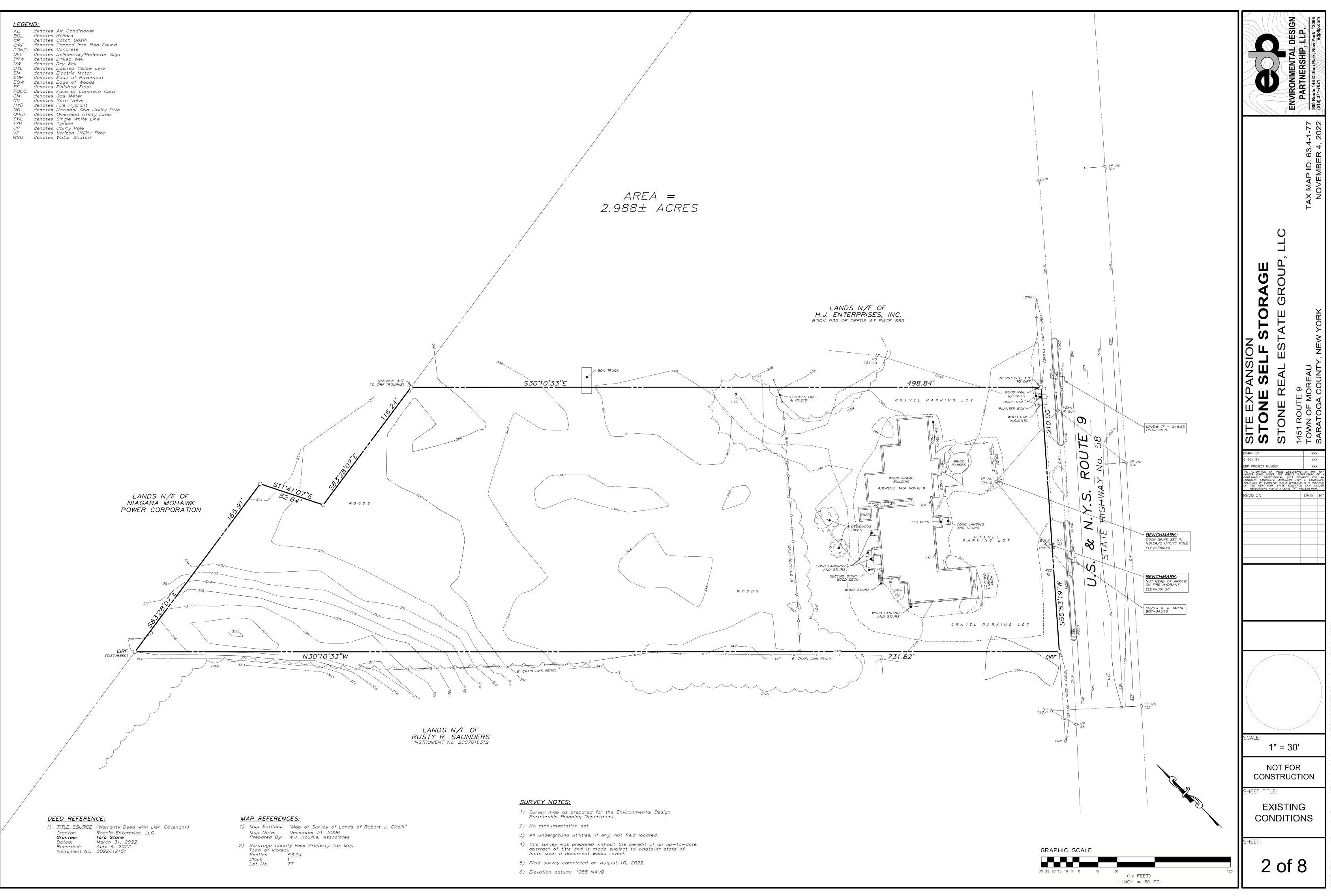
1451 ROUTE 9 TOWN OF MOREAU, SARATOGA COUNTY, NEW YORK

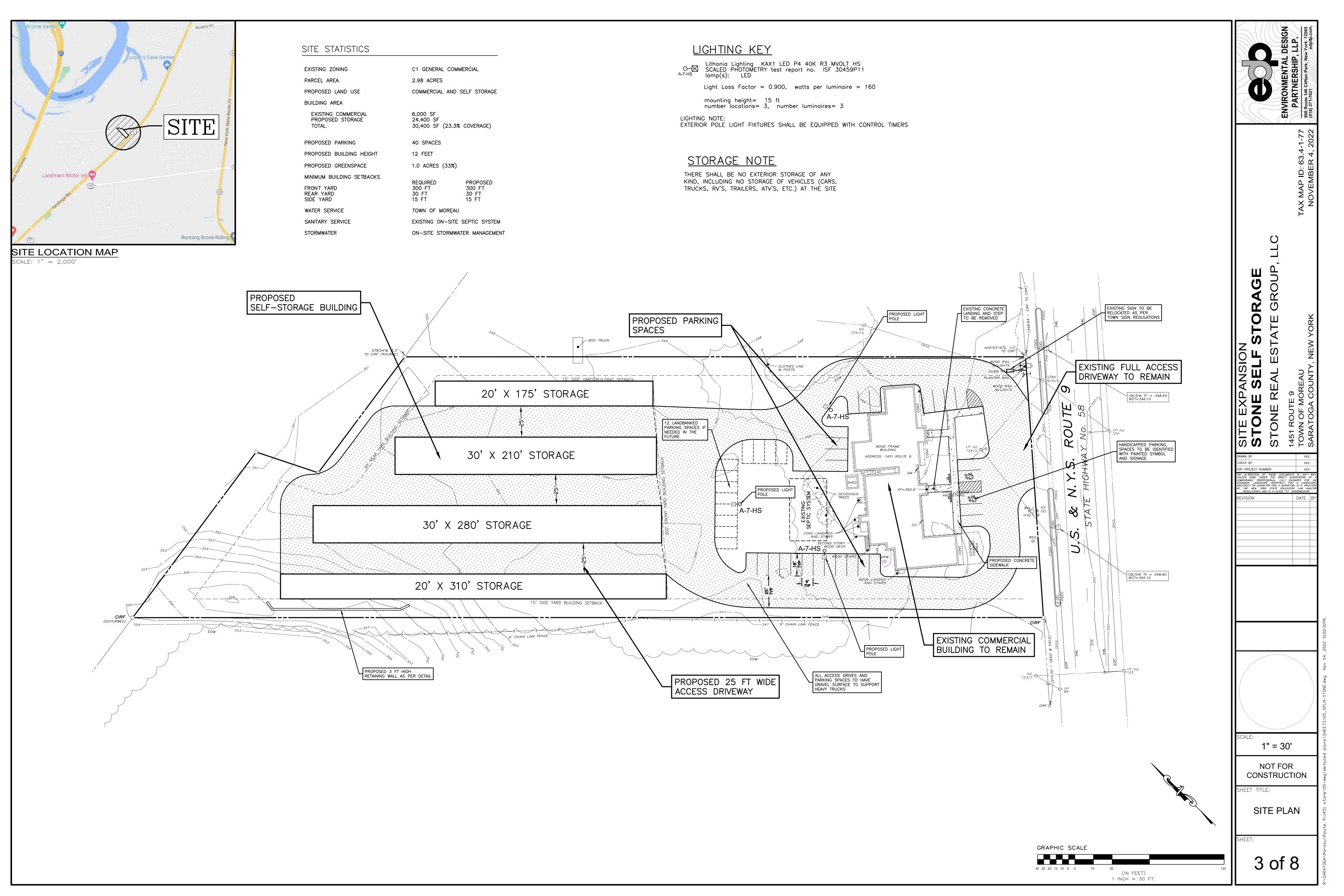
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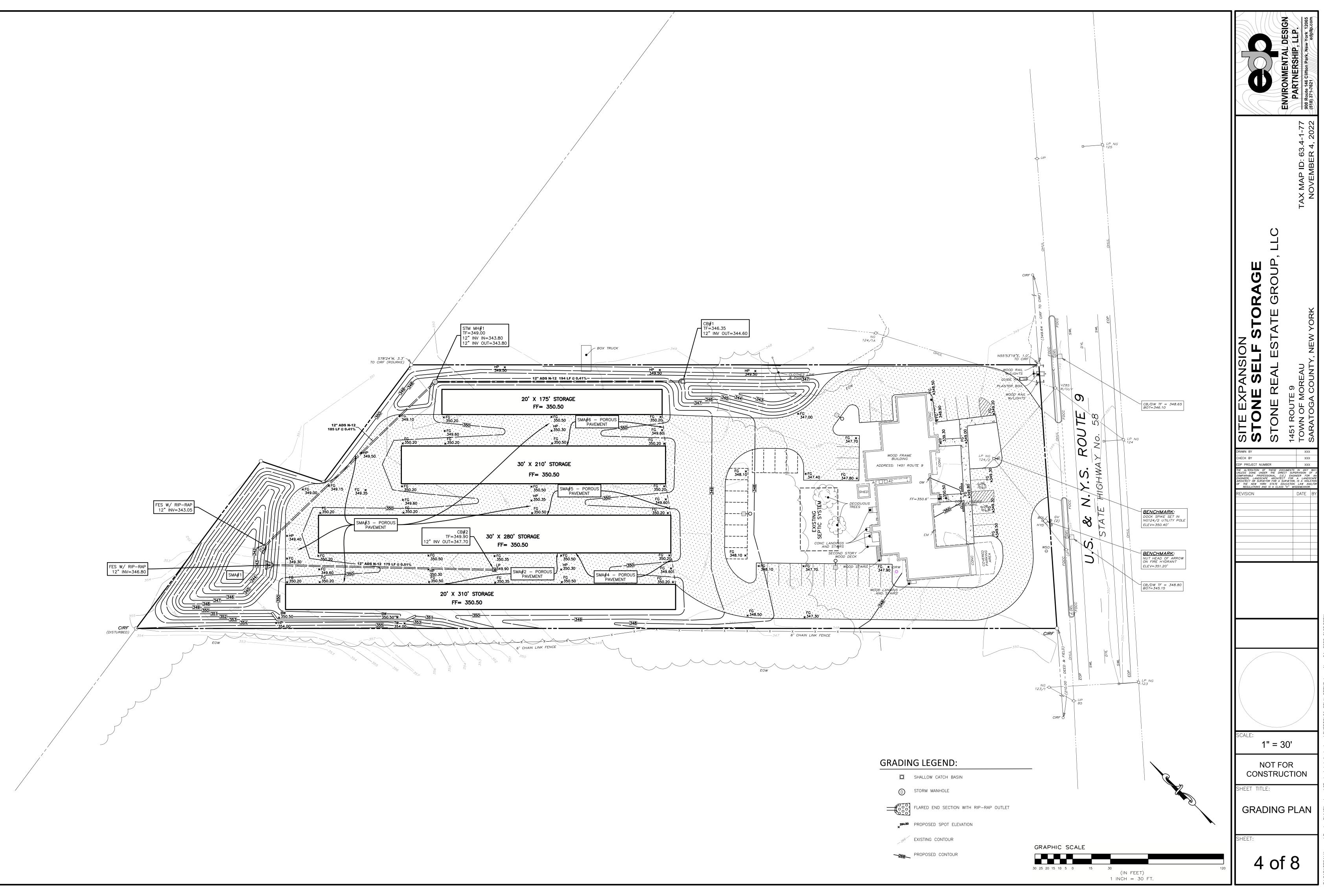
TOWN OF MOREAU PLANNING B

			TAX MAP ID: 63.4-1-77 NOVEMBER 4, 2022
			SITE EXPANSION SITE EXPANSION SITE EXPANSION SITE EXPANSION STORE EXPLANATION STORE EXPANSION STORE EXPANSION STORE SELF STORE AND Interviewerde Explanation Interviewerde Explanation
SHEET INDEX:			
SHEET TITLE COVER SHEET EXISTING CONDITIONS SITE PLAN GRADING PLAN PLANTING PLAN EROSION AND SEDIMENT CONTROL PLAN SITE DETAILS SITE DETAILS			
BOARD			SCALE: AS NOTED NOT FOR CONSTRUCTION
RECORD OF SUBMITTALS		BY	SHEET TITLE:
PLANS PREPAR ENVIRONMENT PARTNERSH 900 Route 146 Clifton Park (518) 371-7621	AL DESIGN IIP, LLP.	SY:	SHEET: 1 of 8

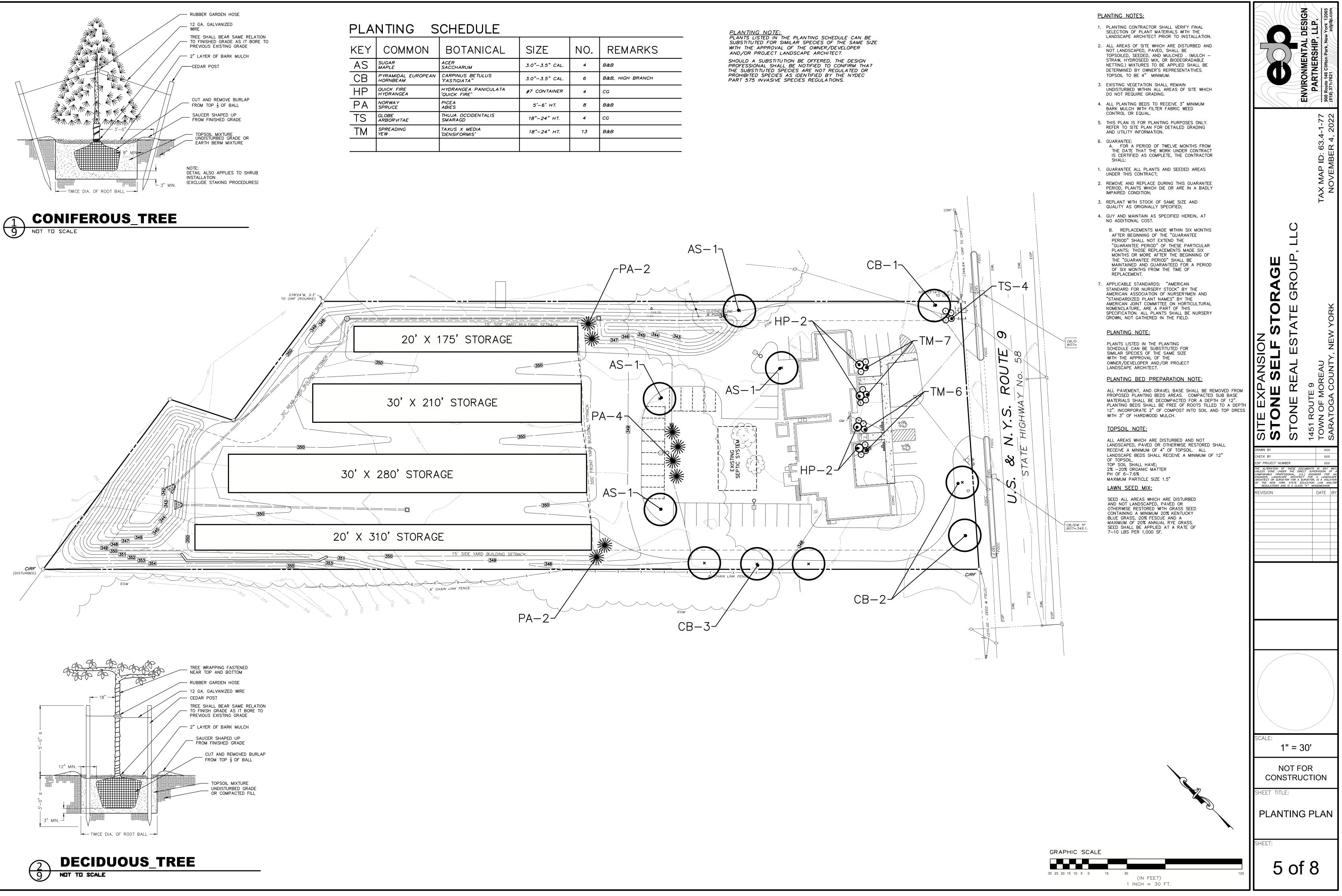
LEGEN	ID:	
AC		Air Conditioner
BOL	denotes	Bollard
CB		Catch Basin
CIRF		Capped Iron Rod Found
CONC		Concrete
DEL	denotes	Delineator/Reflector Sign
DRW		Drilled Well
DW	denotes	Dry Well
DYL		Dashed Yellow Line
EM	denotes	Electric Meter
EOP	denotes	Edge of Pavement
EOW	denotes	Edge of Woods
FF	denotes	Finished Floor
FOCC	denotes	Face of Concrete Curb
GM	denotes	Gas Meter
GV	denotes	Gate Valve
HYD	denotes	Fire Hydrant
NG	denotes	National Grid Utility Pole
OHUL	denotes	Overhead Utility Lines
SWL	denotes	Single White Line
TYP	denotes	Typical
UP	denotes	Utility Pole
VZ	denotes	Verizon Utility Pole
WSO	denotes	Water Shutoff







SARATDGA\Moreau\Route 9\1451 stone\05-dwg\detailed plans\SHEETS\06_GPLN-STDNE.dwg Nov 04, 2026



TANICAL	SIZE	NO.	REMARKS
NRUM	3.0"-3.5" CAL.	4	B&B
US BETULUS VATA"	3.0"-3.5" CAL.	6	B&B, HIGH BRANCH
IGEA PANICULATA FIRE'	#7 CONTAINER	4	CG
	5'-6' HT.	8	B&B
OCCIDENTALIS GD	18"–24" HT.	4	CG
X MEDIA ORMIS'	18"–24" HT.	13	B&B

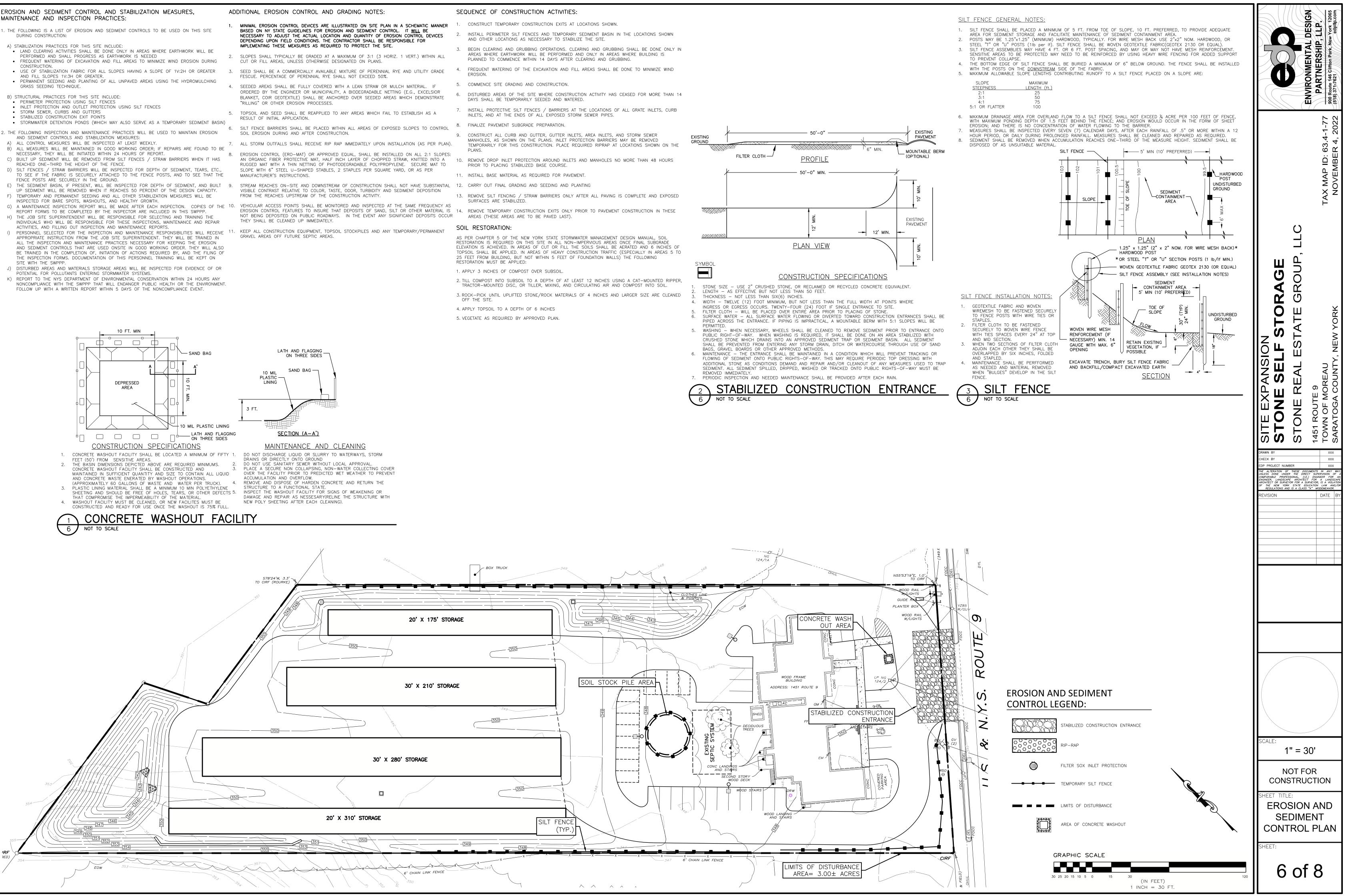
EROSION AND SEDIMENT CONTROL AND STABILIZATION MEASURES.

THE FOLLOWING IS A LIST OF EROSION AND SEDIMENT CONTROLS TO BE USED ON THIS SITE DURING CONSTRUCTION:

- PERFORMED AND SHALL PROGRESS AS EARTHWORK IS NEEDED
- CONSTRUCTION.
- AND FILL SLOPES 1V:3H OR GREATER.
- GRASS SEEDING TECHNIQUE.

- STORM SEWER CURBS AND GUTTERS.
- STORMWATER DETENTION PONDS (WHICH MAY ALSO SERVE AS A TEMPORARY SEDIMENT BASIN) THE FOLLOWING INSPECTION AND MAINTENANCE PRACTICES WILL BE USED TO MAINTAIN EROSION
- .) ALL CONTROL MEASURES WILL BE INSPECTED AT LEAST WEEKLY.
- NECESSARY, THEY WILL BE INITIATED WITHIN 24 HOURS OF REPORT.) BUILT UP SEDIMENT WILL BE REMOVED FROM SILT FENCES / STRAW BARRIERS WHEN IT HAS
- D) SILT FENCES / STRAW BARRIERS WILL BE INSPECTED FOR DEPTH OF SEDIMENT, TEARS, ETC.,
- FENCE POSTS ARE SECURELY IN THE GROUND.
-) TEMPORARY AND PERMANENT SEEDING AND ALL OTHER STABILIZATION MEASURES WILL BE
- REPORT FORMS TO BE COMPLETED BY THE INSPECTOR ARE INCLUDED IN THIS SWPPP. I) THE JOB SITE SUPERINTENDENT WILL BE RESPONSIBLE FOR SELECTING AND TRAINING THE
- INDIVIDUALS WHO WILL BE RESPONSIBLE FOR THESE INSPECTIONS, MAINTENANCE AND REPAIR ACTIVITIES, AND FILLING OUT INSPECTION AND MAINTENANCE REPORTS.
- APPROPRIATE INSTRUCTION FROM THE JOB SITE SUPERINTENDENT. THEY WILL BE TRAINED IN ALL THE INSPECTION AND MAINTENANCE PRACTICES NECESSARY FOR KEEPING THE EROSION AND SEDIMENT CONTROLS THAT ARE USED ONSITE IN GOOD WORKING ORDER. THEY WILL ALSO BE TRAINED IN THE COMPLETION OF, INITIATION OF ACTIONS REQUIRED BY, AND THE FILING OF THE INSPECTION FORMS. DOCUMENTATION OF THIS PERSONNEL TRAINING WILL BE KEPT ON SITE WITH THE SWPPP
- POTENTIAL FOR POLLUTANTS ENTERING STORMWATER SYSTEMS. REPORT TO THE NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION WITHIN 24 HOURS ANY

- BASED ON NY STATE GUIDELINES FOR EROSION AND SEDIMENT CONTROL. IT WILL BE NECESSARY TO ADJUST THE ACTUAL LOCATION AND QUANTITY OF EROSION CONTROL DEVICES DEPENDING UPON FIELD CONDITIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING THESE MEASURES AS REQUIRED TO PROTECT THE SITE.
- CUT OR FILL AREAS, UNLESS OTHERWISE DESIGNATED ON PLANS.
- FESCUE. PERCENTAGE OF PERENNIAL RYE SHALL NOT EXCEED 50%.
- ORDERED BY THE ENGINEER OR MUNICIPALITY, A BIODEGRADABLE NETTING (E.G., EXCELSIOR BLANKET, COIR GEOTEXTILE) SHALL BE ANCHORED OVER SEEDED AREAS WHICH DEMONSTRATE "RILLING" OR OTHER EROSION PROCESSES.
- SOIL EROSION DURING AND AFTER CONSTRUCTION.
- RUGGED MAT WITH A THIN NETTING OF PHOTODEGRADABLE POLYPROPYLENE. SECURE MAT TO SLOPE WITH 6" STEEL U-SHAPED STABLES, 2 STAPLES PER SQUARE YARD, OR AS PER MANUFACTURER'S INSTRUCTIONS.
- VISIBLE CONTRAST RELATIVE TO COLOR, TASTE, ODOR, TURBIDITY AND SEDIMENT DEPOSITION FROM THE REACHES UPSTREAM OF THE CONSTRUCTION ACTIVITY.
- THEY SHALL BE CLEANED UP IMMEDIATELY.





GENERAL NOTES:

CUT PERMITS.

POSTS, ETC

MUNICIPALITY

HORIZONTAL).

LAYOUT WORK PRIOR TO CONSTRUCTION.

THE ENVIRONMENTAL DESIGN PARTNERSHIP IS NOT RESPONSIBLE FOR ANY CONSTRUCTION WORK PERFORMED PRIOR TO FINAL APPROVAL OF ALL PLANS AND SECURING OF ALL PERMITS AND FILING OF ALL MAPS.

CONTRACTOR TO ARRANGE A PRECONSTRUCTION CONFERENCE WITH THE ENVIRONMENTAL DESIGN PARTNERSHIP AND MUNICIPALITY PRIOR TO CONSTRUCTION. FIELD ADJUSTMENTS MUST BE APPROVED BY THE ENVIRONMENTAL DESIGN PARTNERSHIP AND THE

MUNICIPALITY'S ENGINEER PRIOR TO CONSTRUCTION. CONTRACTOR IS TO VERIFY THAT ALL NECESSARY WORK PERMITS AND EASEMENTS ARE IN PLACE PRIOR TO COMMENCEMENT OF WORK.

THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS AND TAKE ALL SPECIAL TEMPORARY AND PERMANENT PRECAUTIONS NECESSARY TO ENSURE A STABLE AND SECURE JOB. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY MUNICIPALITY, COUNTY OR STATE HIGHWAY

THE CONTRACTOR SHALL SECURE ALL NECESSARY PERMITS AND EASEMENTS PRIOR TO CONSTRUCTION AND BECOME FAMILIAR WITH THE CONDITIONS OF EACH PERMIT.

THE CONTRACTOR SHALL PROTECT AND SUSTAIN IN NORMAL SERVICE ALL EXISTING UTILITIES, STRUCTURES, EQUIPMENT, ROADWAYS, AND DRIVEWAYS.

THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES AND RIGHT-OF-WAY PROPERTY LINES PRIOR TO CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES SUCH AS GAS,

POWER, TELEPHONE, CABLE TV, WATER, SEWER, ETC. PRIOR TO COMMENCEMENT OF CONSTRUCTION. AS PER NYS INDUSTRIAL CODE 53: CONTRACTOR TO CALL DIG SAFELY NEW YORK, INC. AT 1-800-962-7962 TO LOCATE BURIED CABLES OR OTHER UNDERGROUND UTILITIES NO LESS THAN TWO OR MORE THAN TEN WORKING DAYS PRIOR TO DIGGING, DRILLING, EXCAVATING, DRIVING

CONTRACTOR MUST VERIFY THE ACCEPTABILITY OF ALL CONSTRUCTION MATERIALS WITH MUNICIPALITY'S ENGINEER PRIOR TO ORDERING.

INSTALLATION AND MATERIAL SPECIFICATIONS FOR STORM SEWER, SANITARY SEWER, WATER SERVICE CONNECTIONS SHALL CONFORM TO THE MUNICIPALITY'S STANDARD DETAILS AND REQUIREMENTS. INSTALLATION PROCEDURES AND MATERIALS MUST BE VERIFIED WITH MUNICIPALITY THE PROJECT THROUGH STAKEOUT AND INSPECTION. PRIOR TO CONSTRUCTION.

ANY EXISTING STORM SEWERS AND UNDERGROUND UTILITIES ARE SHOWN IN THEIR RELATIVE POSITION AND FOR INFORMATION ONLY. THE CONTRACTOR SHALL HAVE THEIR EXACT LOCATION CHECKED AT THE SITE BEFORE CONSTRUCTION BEGINS.

CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING PIPE INVERT FLEVATIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION. ANY DISCREPANCIES WHICH RESULT MUST BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.

CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, GRADES, PIPE INVERTS AND ELEVATIONS AND REVIEW WITH CONSULTANT BEFORE CONSTRUCTION. ALL EXCAVATION TO MEET OSHA AND NYS DOT SAFETY REGULATIONS AND STANDARDS.

HE CONTRACTOR SHALL FILL IN, AND RE-EXCAVATE, AS NECESSARY TO RESUME WORK, ANY EXCAVATIONS OR TRENCHES AT LOCATIONS AND AS OFTEN AS MAY BE REQUIRED TO ENSURE PROTECTION OF THE WORK, ANY ADJACENT EXISTING FACILITIES, OR THE PUBLIC

THE CONTRACTOR SHALL CLEAN UP THE JOB SITE DAILY BEFORE LEAVING THE JOBSITE. ALL RUBBISH MUST BE CLEANED UP AND CONSTRUCTION EQUIPMENT MUST BE PROPERLY TAKEN CARE OF AND STORED AT THE END OF THE DAY.

CONTRACTOR IS RESPONSIBLE FOR TRAFFIC CONTROL AND SAFETY DURING CONSTRUCTION. THE CONTRACTOR SHALL FURNISH ALL FLAG PERSONS AND SIGNS, DELINEATORS, BARRIERS, AND DEVICES NECESSARY FOR TRAFFIC CONTROL DURING ANY EARTH-MOVING OPERATION OR OTHER CONSTRUCTION ACTIVITY WHICH INVOLVES PUBLIC HIGHWAYS.

ALL TRAFFIC SIGNS, CONTROL DEVICES AND INFORMATIONAL ITEMS, IF DISTURBED DURING CONSTRUCTION WITHIN CONTRACT LIMIT LINES, SHALL BE RELOCATED AS PER APPROVAL OF

RESTORATION OF PAVEMENT IS THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL REPLACE AND RESTORE PAVEMENT WITH MATERIAL TO A CONDITION EQUAL TO OR BETTER THAN PRECONSTRUCTION CONDITIONS. ALL PAVEMENT AND RIGHT-OF-WAY RESTORATION WORK TO BE DONE TO THE SATISFACTION OF THE STATE, COUNTY OR LOCAL MUNICIPAL HIGHWAY DEPARTMENT.

CONTRACTOR SHALL RESTORE ALL LAWNS, DRIVEWAYS, WALKS, WALLS, CURBS, FENCES, ETC. TO A CONDITIONS AT LEAST AS GOOD AS THEY WERE BEFORE BEING DISTURBED.

BOX ALL TREES AND HOUSE ALL SHRUBS AND HEDGES BEFORE PLACING EARTH AGAINST OR NEAR THEM. SHRUBS AND HEDGES THAT MUST BE REMOVED DURING CONSTRUCTION SHALL BE HEALED OR REPLANTED IN AS GOOD A CONDITION AS THEY WERE BEFORE THEIR REMOVAL. ANY DAMAGED ITEMS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

POSTS, MAILBOXES, ETC. SHALL BE PROTECTED, OR REMOVED AND REPLACED EXACTLY AS THEY WERE BEFORE BEING DISTURBED. DAMAGED ITEMS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE

IT MAY BE NECESSARY TO TIE OR HOLD BACK UTILITY POLES DURING CONSTRUCTION. THIS SHOULD BE ACCOMPLISHED IN COOPERATION WITH UTILITY COMPANIES.

NO WORK, STORAGE OR TRESPASS SHALL BE PERMITTED BEYOND THE BOUNDARIES OF ANY EASEMENTS OR R.O.W. AS SHOWN CONTRACTOR TO COMPLY WITH ALL OSHA AND OTHER STATE AND LOCAL SAFETY REQUIREMENTS

DURING CONSTRUCTION (PROPER SHORING, ETC.). SIDE SLOPES GREATER THAN 1:3 WILL REQUIRE GUIDE RAILS (1-FOOT VERTICAL, 3-FOOT

ALL SITE WORK SHALL BE SMOOTHLY AND EVENLY BLENDED INTO EXISTING CONDITIONS. WHERE ACCESS OR WORK OUTSIDE OF PROPERTY BOUNDARY IS NECESSARY, THE PERMISSION OF ADJOINING PROPERTY OWNER MUST FIRST BE OBTAINED.

SITE SURVEYOR TO VERIFY ELEVATIONS OF EXISTING ROAD CENTERLINE AND SHOULDER PRIOR TO COMMENCING WORK. CONTRACTOR IS TO CONFIRM THIS WITH SITE SURVEYOR. WHERE APPROPRIATE, SITE LAYOUT AND GRADING WORK SHALL BE COMPLETED BY A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR. LANDSCAPE ARCHITECT SHALL APPROVE ALL

CONTRACTOR TO NOTIFY ENGINEER AFTER ROUGH GRADING IS COMPLETED. FINISH GRADES TO BE ADJUSTED IN THE FIELD AFTER INITIAL GRADING IS COMPLETED. ALL CHANGES IN PROPOSED GRADES TO BE APPROVED BY OWNER AND ENGINEER.

ALL AREAS OF THE SITE WHICH ARE DISTURBED AND NOT PAVED SHALL BE TOPSOILED AND SEEDED

ALL PHYSICAL FEATURES INCLUDING SIDEWALKS, CURBING, DECKS, LAMPS, STAIRS, ETC. WITHIN FIVE FEET OF EXTERIOR BUILDING WALLS AND CANOPY OVERHANGS ARE TO BE CONSTRUCTED PER ARCHITECTURAL PLANS. IT IS NOT THE INTENT OF THESE DOCUMENTS TO ADDRESS SUCH DETAILS, WHICH ARE SHOWN ONLY FOR THE PURPOSE OF CONTINUITY BETWEEN THE SITE PLAN AND THE ARCHITECTURAL PLANS.

PROVISIONS FOR STORMWATER COLLECTION AND DRAINAGE PERTAINING TO THE ROOF AND TO PHYSICAL FEATURES WITHIN FIVE FEET OF THE EXTERIOR BUILDING WALLS AND CANOPY OVERHANGS ARE THE RESPONSIBILITY OF THE ARCHITECT.

ALL VERTICAL GRADE CHANGES GREATER THAN 30 INCHES SHALL BE PROVIDED WITH SAFETY BARRIERS AS PER NYS BUILDING CODE (FENCES, RAILINGS, ETC. PER OWNER). PRELIMINARY PAVEMENT AND SIDEWALK DESIGN SPECIFICATIONS ASSUME EXISTING SUBGRADE

CONSISTS OF CLEAN, GRANULAR MATERIAL (SAND & GRAVEL) AND THAT THERE IS NO WATER TABLE INTERFERENCE. PRIOR TO CONSTRUCTION, THE PROJECT OWNER SHALL HAVE THE EXISTING SUBGRADE CONDITIONS EVALUATED BY A GEOTECHNICAL ENGINEER, WHO SHALL DETERMINE FINAL PAVEMENT AND SIDEWALK DESIGN SPECIFICATIONS. THE OWNER ASSUMES ALL RESPONSIBILITY FOR PAVEMENTS AND SIDEWALKS CONSTRUCTED WITHOUT A FINAL DESIGN, SHOULD HE CHOOSE NOT TO HIRE A GEOTECHNICAL ENGINEER.

ROADWAYS AND UNDERGROUND UTILITY FILL AREAS SHALL BE CONTROLLED FILLS PREPARED IN GENERAL ACCORDANCE WITH NYSDOT STANDARD SPECIFICATIONS 203, EXCAVATION AND **FMBANKMENT**

FILL AREAS SHALL BE STRIPPED OF SOD, TOPSOIL AND UNSUITABLE MATERIAL AND BE MECHANICALLY COMPACTED TO THE SATISFACTION OF THE ENGINEER IN ACCORDANCE WITH NYSDOT 203-3.03.A.

FILLS SHALL BE CONSTRUCTED IN ACCORDANCE WITH NYSDOT 230-3.03.B, EMBANKMENTS. COMPACTION AND LIFT THICKNESS SHALL BE IN ACCORDANCE WITH NYSDOT 230-3.03.C. UNDERWATER AREAS SHALL BE FILLED WITH SELECT GRANULAR FILL

CONTROLLED FILL SHALL BE WITH SELECT GRANULAR MATERIAL WITH GRADATION: 100% PASSING 4" SIEVE, 0–70% PASSING #40 AND 0–12% PASSING #200 AND MEET NYSDOT STD SPEC 733–11. FILLS SHALL BE PLACED IN LIFTS NOT TO EXCEED 12" LOOSE THICKNESS AND SHALL BE MECHANICALLY COMPACTED TO 95% MINIMUM OF THE MAXIMUM ASTM SPECIFICATION D1557 DENSITY (MODIFIED PROCTOR). ALL CONTROLLED FILL SHALL BE FREE OF ORGANIC, CLODS AND/OR FROZEN MATERIALS

EMBANKMENT SUBGRADE AREA (TWO FEET BELOW SUBGRADE ELEVATION) SHALL BE CONSTRUCTED IN ACCORDANCE WITH NYSDOT 230–2.02.B., SELECT BORROW AND SELÉCT FILL, COMPACTED PER 203-3.03.C

ALL AREAS OF THE SUBGRADE SURFACE WITHIN THE ROADWAY OR OTHER PAVEMENT AREA LIMITS SHALL BE PROOF-ROLLED, WITH UNSTABLE AREAS CORRECTED TO THE SATISFACTION OF THE ENGINEER, PRIOR TO PLACEMENT OF SUBBASE MATERIALS, BOTH EMBANKMENT AND CUT AREAS, IN ACCORDANCE WITH NYSDOT 203-3.03.D & 203-3.02.C.

FILL SPECIFICATIONS ARE CONSIDERED MINIMAL AND ARE SUBJECT TO CHANGE UPON DISCOVERY OF UNFAVORABLE SITE SOIL CONDITIONS AND/OR BY A GEOTECHNICAL ENGINEER RETAINED BY THE OWNER/ DEVELOPER.

SPECIFICATIONS FOR STREET/SITE LIGHTING ARE PER MUNICIPALITY REQUIREMENTS/QUALIFIED PHOTOMETRIC ENGINEER RETAINED BY OWNER.

PRIOR TO COMMENCEMENT OF STORM AND/OR SANITARY SEWER CONSTRUCTION. CONTRACTOR IS TO VERIEV BOTH HORIZONTAL AND VERTICAL POSITION OF EXISTING SEWER AT THE CONNECTION POINT. CONTRACTOR IS TO CONSTRUCT GRAVITY LINES PROGRESSIVELY FROM DOWNSTREAM TO UPSTREAM ANY EXCEPTIONS TO THIS MUST BE APPROVED BY THE ENGINEER. ANY GRADE DISCREPANCIES MUST BE BROUGHT TO THE ENGINEER'S ATTENTION IMMEDIATELY. DEFLECTION TESTING SHALL BE PERFORMED ON ALL FLEXIBLE GRAVITY SEWER PIPE ACCORDANCE WITH 10 STATE STANDARDS. TESTS SHALL BE CONDUCTED AFTER THE FINAL BACKFILL HAS BEEN IN PLACE AT LEAST 30 DAYS. ANY PIPE WHICH HAS A DEFLECTION GREATER THAN 5% SHALL BE EXCAVATED AND REPLACED AT NO ADDITIONAL COST TO THE OWNER.

ALL GRAVITY SEWERS SHALL HAVE CONTINUOUS STRAIGHT HORIZONTAL & VERTICAL ALIGNMENT (LINE & GRADE) BETWEEN MANHOLES PER NYSDEC REQUIREMENTS AND TEN STATES STANDARDS CONSTRUCTION OF GRAVITY SEWERS SHALL BE PERFORMED USING A PIPE LASER, WITH ADEQUATE BLOWER VENTILATION, TO ENSURE STRAIGHT ALIGNMENT. ANY EXCEPTIONS THIS MUST BE APPROVED BY THE ENGINEER. ALIGNMENT SHALL BE VERIFIED BY LAMPING DURING THE CCTV INSPECTION AND AFTER WORK HAS BEEN COMPLETELY BACKFILLED AND COMPACTED.

CONTRACTOR TO VERIFY THE ELEVATION OF THE EXISTING WATER MAIN, TO AVOID CONFLICTS, PRIOR TO CONSTRUCTING OTHER UTILITIES.

ALL STORM SEWER PIPE TO BE DUAL WALL HIGH-DENSITY POLYETHYLENE WITH SMOOTH INTERIOR AND ANNULAR CORRUGATED EXTERIOR. PIPE JOINTS ARE TO BE SILT-TIGHT WITH EITHER INTEGRAL BELL & SPIGOT JOINTS WITH RUBBER GASKETS MEETING ASTM F477, SILT-TIGHT PREMIUM BAND COUPLERS WITH RUBBER GASKETS OR STANDARD BAND COUPLERS WRAPPED WITH NON-WOVEN GEOTEXTILE FABRIC 4-FEET WIDE AND OVERLAPPED AT EACH END. WATERTIGHT JOINTS ARE REQUIRED WHERE PE PIPE IS SPECIFIED FOR SMA BASIN INLET PIPE AND FITTINGS. CATCH BASIN GRATES ARE TO BE BICYCLE SAFE.

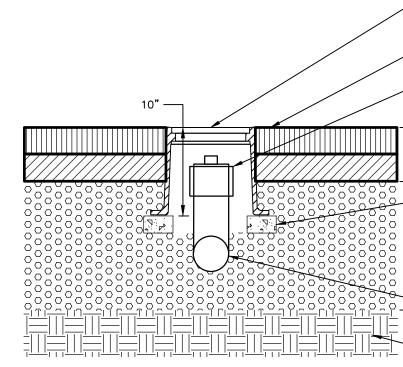
HE INFORMATION REPRESENTED WITHIN THESE DOCUMENTS DOES NOT IMPLY ANY CONTRACT WITH, OR OBLIGATION FOR, PERFORMING ANY OR ALL MUNICIPALITY, COUNTY, OR STATE REQUIRED INSPECTIONS DURING THE COURSE OF CONSTRUCTION OR PURSUANT TO OBTAINING CERTIFICATE OF OCCUPANCY. SUCH INSPECTION SERVICES, IF PERFORMED BY THIS OFFICE, SHALL BE ESTABLISHED BY SEPARATE CONTRACT.

IN THE EVENT THAT THE CONSTRUCTION STAKEOUT AND INSPECTION OF THE WORK IS NOT PERFORMED BY THE ENVIRONMENTAL DESIGN PARTNERSHIP (EDP), EDP WILL NOT BE HELD RESPONSIBLE FOR ANY ERRORS, OMISSIONS, COSTS, EXPENSES OR LIABILITY OF WHATEVER KIND AND NATURE RESULTING FROM FIELD CHANGES AND/OR ERRORS WHICH EDP WOULD OTHERWISE HAVE HAD AN OPPORTUNITY TO CHECK AND CORRECT WERE THEY IN A POSITION TO CONTROL

CLAIMS MADE AGAINST CONSULTANT FOR SURVEY STAKEOUT ERRORS WILL BE HONORED ONLY IF CONSULTANT IS NOTIFIED FOR VERIFICATION OF THE ERROR IMMEDIATELY UPON DISCOVERY AND BEFORE ANY CONTROL STAKES ARE DISTURBED. IF, AFTER VERIFICATION, IT IS DETERMINED THAT NO STAKEOUT ERROR OCCURRED, THE CLIENT SHALL REIMBURSE THE CONSULTANT FOR ADDITIONAL EXPENSES INCURRED FOR SUCH VERIFICATION.

ALL ERRORS, OMISSIONS AND DISCREPANCIES MUST BE BROUGHT TO THE ATTENTION OF THE ENVIRONMENTAL DESIGN PARTNERSHIP IMMEDIATELY UPON DISCOVERY, OTHERWISE, THE ENVIRONMENTAL DESIGN PARTNERSHIP WILL ACCEPT NO RESPONSIBILITY.

INSPECTION SERVICES BY THE ENVIRONMENTAL DESIGN PARTNERSHIP ARE NOT SUPERVISORY. ACCORDINGLY. THE ENVIRONMENTAL DESIGN PARTNERSHIP CAN NEITHER GUARANTEE THE PERFORMANCE OF THE CONSTRUCTION CONTRACTS BY CONTRACTORS NOR ASSUME RESPONSIBILITY FOR THE CONTRACTOR'S FAILURE TO FURNISH AND PERFORM WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS



NOT TO SCALE

COVER WITH WORDS. INSPECTION PORT CAST IN* - FINISHED GRADE

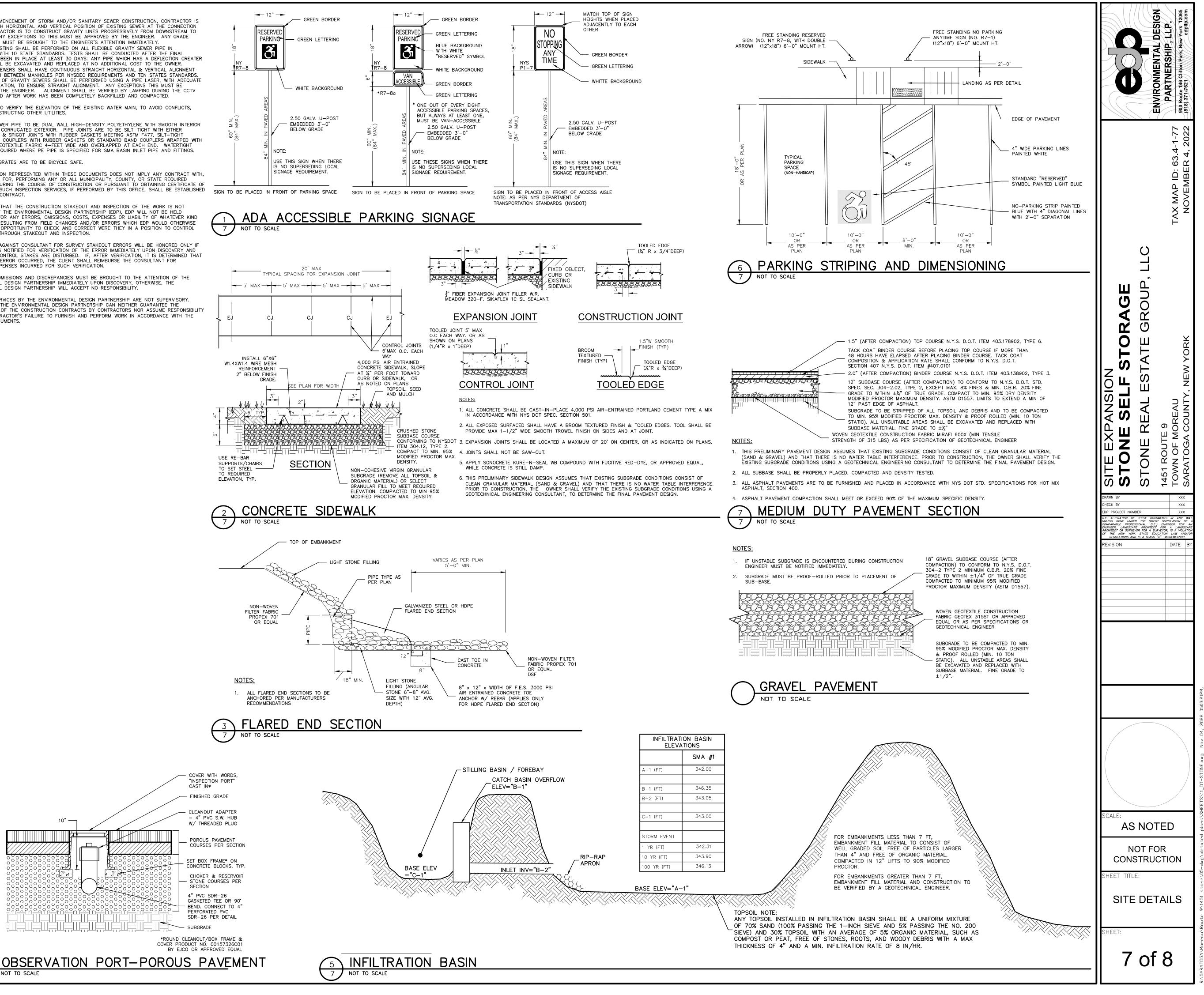
– CLEANOUT ADAPTER - 4" PVC S.W. HUB W/ THREADED PLUG

COURSES PER SECTION SET BOX FRAME* ON

CHOKER & RESERVOIR STONE COURSES PER SECTION

4" PVC SDR-26 GASKETED TEE OR 90° BEND. CONNECT TO 4" PERFORATED PV SDR-26 PER DETAIL

SUBGRADE *ROUND CLEANOUT/BOX FRAME & COVER PRODUCT NO 00157326C01 BY EJCO OR APPROVED EQUAL



STANDARD HEAVY DUTY CAST IRON FRAME & GRATE, BY NEENAH FOUNDARY CO. OR APPROVED EQUAL. GRATES TO BE BICYCLE SAFE. FRAME: R-3561 (FOR PAVED AREAS.) USE PATTERN NO. R-2558 FOR LAWN AREAS OR WHERE ROUND GRATES ARE REQUIRED. USE NO. R-1556 FRAME & COVER FOR 24" DIA. STORM MH. USE 30" SQUARE GRADE EXTENSIONS FOR R-3561, OR 30" ROUND I.D. GRADE RINGS FOR R-2558, OR 24" ROUND I.D. GRADE RINGS FOR R-1556. SEAL ALL GRADE EXTENSIONS JOINTS, INCLUDING TOP SLAB AND C.I. FRAME WITH 1" MIN THICKNESS CEMENTITIOUS STRUCTURAL CONCRETE GROUT (8,000 PSI MIN) SUCH AS QUIKCRETE NON-SHRINK PRECISION GROUT (PRODUCT NO. 1585-00),OR APPROVED EQUAL. HEAVY DUTY COVER- 30" SQ. ECCENTRIC OPENING FOR SQUARE FRAMES; 30" DIA. ECCENTRIC OPENING FOR ROUND FRAMES; 24" DIA. ECCENTRIC OPENING FOR STORM MH'S. CONCRETE & REINFORCEMENT DESIGN AND MANUFACTURE AS PER ASTM C478-19. HS20-44

TRAFFIC LOADING. PRECAST CONCRETE MANHOLE SECTIONS AS MANUFACTURED BY FORT MILLER CO. INC. OR APPROVED EQUAL. TYPICAL JOINT SECTIONS TO BE SEALED WITH BUTYL RUBBER SEALANT (ROPE FORM). USE 48" I.D. PRECAST CONCRETE MANHOLE FOR PIPES LESS THAN OR EQUAL TO 24"; USE 60" I.D. MANHOLE SECTION FOR 30" PIPE AND USE 84" I.D. MANHOLE FOR 36" PIPE, LARGER DIAMETER MAY BE NECESSARY DUE TO CONFIGURATION OF CONNECTING PIPING. FABRICATOR TO DETERMINE REQUIRED

DIAMETER UNLESS OTHERWISE DIMENSIONED ON DRAWINGS CONCRETE & REINFORCEMENT, DESIGN AND MANUFACTURE AS PER ASTM C478-19, HS20-44 TRAFFIC LOADING PRECAST CONCRETE MANHOLE SECTIONS ALL MANUFACTURED BY FORT MILLER CO. INC OR APPROVED EQUAL. MANHOLE STEPS: POLYPROPYLENE PLASTIC STEPS WITH #4 DEFORMED STEEL ROD. AS MANUFACTURED BY M.A. INDUSTRIES, INC. (#PS-2PF) INSTALLATION AS PER MANUFACTURER'S SPECIFICATIONS. MONOLITHIC BASE SECTION. HEIGHT AS REQUIRED.

MATERIAL PLACED IN 8 INCH LIFTS AND APPROVED EQUAL). WHERE BOOT CONNECTORS

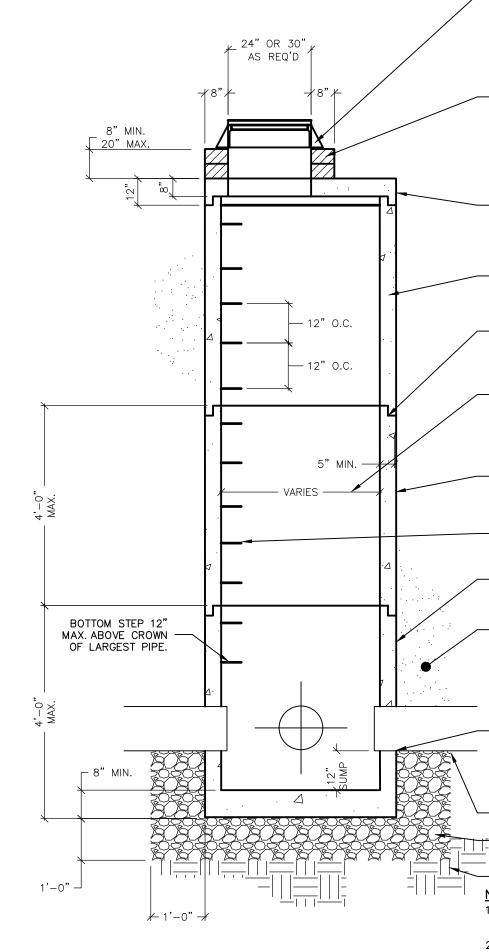
#2 CRUSHED STONE SUBBASE, CONTINUE TO SPRINGLINE OF PIPE

APPROVED EQUAL.)

- UNDISTURBED SUBGRADE NOTES: CENTER OF GRATE, NOT NECESSARILY CENTER OF STRUCTURE. SHALLOW CB DETAIL APPLY

AGGREGATE NOTES:

NYS DOT STD. SPECIFICATIONS 703-02, COARSE AGGREGATE. SELECT GRANULAR FILL SHALL MEET NYS DOT STD. SPECIFICATIONS 703-01, FINE AGGREGATE AND 733-11 EXCEPT WITH THE FOLLOWING GRADATION 100% PASSING 1-1/2" SIEVE 0%-70% PASSING #40 SIEVE 0%-12% PASSING #200 SIEVE



STONE NOTES:

- 1. ALL STONE SUBBASE AND BEDDING LOCATED IN 1. ALL STONE SHALL BE CRUSHED-TYPE AND MEET AREAS TO BE PAVED SHALL BE WRAPPED IN A NYS DOT STD. SPECIFICATIONS 703-02. COARSE NON-WOVEN GEOTEXTILE FABRIC ENVELOPE (SUCH AS GEOTEX 45– BY PROPEX OR
- APPROVED EQUAL). 2. WHERE A SUBGRADE GROUNDWATER CONDITION EXISTS WITH MIGRATING SANDS AND/OR SILTS, ALL STONE SHALL BE WRAPPED AS PER NOTE 1 ABOVE.

STORM MANHOLE 8 NOT TO SCALE

STONE NOTES:

- NON-WOVEN GEOTEXTILE FABRIC ENVELOPE (SUCH AS GEOTEX 451 BY PROPEX OR
- APPROVED EQUAL). 2. WHERE A SUBGRÁDE GROUNDWATER CONDITION EXISTS WITH MIGRATING SANDS AND/OR SILTS, ALL STONE SHALL BE WRAPPED AS PER NOTE
- ABOVE. CATCH BASIN FRAME & GRATE OR SOLID COVER WHERE SPECIFIED: MODEL R-3561 BY NEENAH FOUNDRY CO. OR

CT. NO.'S 5419Z FRAME & 5419M -GRATE BY EJIW OR APPROVED EQUAL. MIN. 30" SQUARE OPENING GRATES TO

BE BICYCLE SAFE SQUARE - 6" TYP PIPE SIZES & INVERTS AS PER PLANS UNDISTURBED EARTH OR ROCK.

AGGREGATE NOTES:

- 1. ALL STONE SUBBASE AND BEDDING LOCATED IN AREAS TO BE PAVED SHALL BE WRAPPED IN A NYS DOT STD. SPECIFICATIONS 703-02, COARSE AGGREGATE. SELECT GRANULAR FILL SHALL MEET NYS DOT STD. SPECIFICATIONS 703-01, FINE AGGREGATE
 - AND 733-11 EXCEPT WITH THE FOLLOWING NOTE: GRADATION 100% PASSING 1-1/2" SIEVE 0%-70% PASSING #40 SIEVE 0%-12% PASSING #200 SIEVE

FINISH GRADE PAVE OR TOPSOIL AND SEED AS SHOWN ON PLAN. SURFACE TO BE GRADED TO PROVIDE POSITIVE DRAINAGE TO GRATE AND AS REQUIRED TO PREVENT SOIL EROSION INTO BASIN. PRE-CAST CONCRETE GRADE ADJUSTMENT EXTENSIONS AS MANUFACTURED BY FORT MILLER CO., INC., TYPICAL. HEIGHT AS REQUIRED, 4" MIN. 10" MAX. SEAL ALL JOINTS WITH 1/2" MIN. THICKNESS CEMENTITIOUS STRUCTURAL GROUT (8,000 PSI MIN.) SUCH AS QUIKRETE NON-SHRINK, PRECISION (P/N 1585–00) OR APPROVED EQUAL.

CUSTOM CAST MONOLITHIC REINFORCED CONCRETE CATCH BASIN, HS20-44 TRAFFIC LOADING, TYPICAL, AS MANUFACTURED BY FORT MILLER CO., INC. CONCRETE & REINFORCEMENT, DESIGN AND MANUFACTURE PER ASTM C890/C913. HEIGHT AS REQUIRED, 5'-0" MAX. INSIDE HEIGHT. EXTENDED MODIFIED MONOLITHIC BASE REQUIRED WHEN USED FOR SMA OUTLET STRUCTURE AND IN AREAS OF HIGH GROUNDWATER. 6" MIN. EXTENSION, TYP. USE FLEXIBLE BOOT TYPE CONNECTORS WITH CORRUGATED PIPE ADAPTERS (CGA) FOR PE PIPE SUCH AS KOR-N-SEAL BY

BOOT CONNECTORS CANNOT BE USED: INSTALL CGA ON PIPE CENTERED IN STRUCTURE WALL; CLAMP WS WATERSTOP GROUTING RING (BY PRESS-SEAL GASKET CORP. OR APPROVED EQUAL) ON CGA AND EMBED IN $\frac{1}{2}$ " MIN. THICKNESS NON-SHRINK CEMENTITIOUS STRUCTURAL GROUT (7200 PSI MIN.) SUCH AS, QUIKRETE NON-SHRINK PRECISION GROUT, SIKAGROUT 212, APPROVED EQUAL, OR HYDRAULIC CEMENT. FILL ENTIRE WALL OPENING TO FULL WALL THICKNESS. #2 CRUSHED STONE SUBBASE, 12" MIN. DEPTH, CONTINUE STONE TO SPRINGLINE OF PIPES. FOR UNSTABLE SUBGRADE, OVER-EXCAVATE AND INSTALL ADDITIONAL STONE AS NECESSARY TO STABILIZE.

² SHALLOW CATCH BASIN 8 / NOT TO SCALE

TRELLEBORG PIPE SEALS OR APPROVED EQUAL, TYP. WHERE

MAXIMUM PIPE SIZE OF 18" WRAP ALL STONE IN PAVED AREAS, TYP.

THIS SIZE CATCH BASIN IS FOR A

2. CATCH BASINS SECTIONS TO BE CUSTOM-CAST PRECAST CONCRETE, AS MANUFACTURED BY FORT MILLER OR APPROVED FOUAL CONCRETE AND REINFORCEMENT TO BE AS PER ASTM C478. 3. AGGREGATE AND STONE NOTE DIRECTIVES ON THE

I. SURVEY STAKEOUT OF CATCH BASINS ARE NORMALLY

CANNOT BE USED, INSTALL AN NPC CORRUGATED PIPE ADAPTER (BY TRELLEBORG PIPE SEALS OR APPROVED EQUAL) AND WS WATERSTOP GROUTING RING (BY PRESS-SEAL. GASKET CORP OR APPROVED EQUAL) ON EACH PIPE, CENTER IN MANHOLE WALL AND EMBED IN "MIN. THICKNESS OF NON-SHRINK CEMENTITIOUS STRUCTURAL GROUT (7200 PSI MIN, SUCH AS HARRIS DOT CONSTRUCTION GROUT, SIKAGROUT 212 OR STORMWATER PIPE INVERT ELEVATION AS PER PLAN

EXTENDED BASE REQUIRED IN AREAS OF SEASONAL HIGH GROUNDWATER. 6" MIN. EXTENSION, TYP. BACKFILL STRUCTURE WITH APPROVED GRANULAR MECHANICALLY COMPACTED TO MIN. 95% MODIFIED PROCTOR MAX. DENSITY. 12" MIN. WIDTH ALL SIDES. USE FLEXIBLE BOOT TYPE CONNECTORS (SUCH AS KOR-N-SEAL BY TRELLEBORG PIPE SEALS OR

OBSERVATION WELL: - MINIMUM OF 1 PER POROUS PAVEMENT AREA. - 4" PERFORATED PVC SDR-35 PIPE EXTENDED TO BASE OF STONE. CAP TOP. INSTALL CAST IRON CLEAN OUT BOX WITH LOCKABLE CAP. CAST "STORM" INTO COVER. PAVEMENT F3 AAAA RRRRF FOUNDATION: RESERVOIR: UNCOMPACTED SUBGRADE POROUS PAVEMENT SECTION (GRADE LEVEL)

3 POROUS PAVEMENT 8 / NOT TO SCALE

ALL BACKFILL MATERIAL TO BE SELECTED GRANULAR FILL TO BE PLACED IN 8" LIFTS AND BE COMPACTED PLACED UNDER PAVEMENT TO 95% MODIFIED PROCTOR MAXIMUM DENSITY, (ASTM D1557), FREE FROM DEBRIS, FROZEN MATERIAL, LARGE CLODS OR STONES, ORGANIC MATTER, OR OTHER TRENCH SLOPES ARE GIVEN FOR 3 MAX. PAYMENT LIMITS ONLY UNSUITABLE MATERIALS SHALL NOT BE FOR OPEN CUT AND ARE NOT USED AS BACKFILL. INTENDED TO REPRESENT STABLE SLOPES UNDER FIELD CONDITIONS. SELECTED GRANULAR FILL PLACED IN 6" LIFTS AND _ MECHANICALLY TAMPED OR A.O.B.E. SEE NOTES 1&2. _____. ____ SELECT GRANULAR MATERIAL AS ORDERED BY ENGINEER (MECHANICALLY COMPACTED) OR A.O.B.E.

EQUAL MIXTURE OF #1 AND #2 CRUSHED STONE OR SEE NOTE 2. FOR UNSTABLE TRENCH BOTTOM USE ADDITIONAL DEPTH OF STONE AS NECESSARY TO PROVIDE A FIRM FOUNDATION. (FOR PIPES THAT CONNECT TO DRYWELLS USE SELECT GRANULAR FILL IF STONE IS USED THE STONE SHALL BE WRAPPED

IN FABRIC ALONG ENTIRE LENGTH OF PIPE.) NOTE: WRAP ALL STONE IN PAVED AREAS NOTES: 1) NATIVE EXCAVATED GRANULAR MATERIAL MAY BE USED IF APPROVED BY THE ENGINEER.

2) ALL STONE SHALL BE CRUSHED-TYPE AND CONFORM TO NYS DOT SPECIFICATIONS 703-02, COARSE AGGREGATE. GRUSHED STONE NOT TO EXCEED #2 IN SIZE.

3) GRANULAR FILL SHALL CONFORM TO NYSDOT SPECIFICATIONS 703-01, FINE AGGREGATE AND 733-11 EXCEPT WITH THE FOLLOWING GRADATION: 100% IN EXCESS OF 1-1/2

0%-70% PASSING #40 SIEVE 0%-12% PASSING #200 SIEVE

4) GRANULAR HAUNCHING SHALL BE MECHANICALLY COMPACTED TO SPRING-LINE OF PIPE, STONE HAUNCHING SHALL BE SHOVEL-SLICED AT SAME.

✓ STORM TRENCH

GRANULAR DRAINAGE FILL (12" MINIMUM WIDTH) BEHIND WALL— UNITS (95% COMPACTION) MAX. FINES 10% (No. 200 SIEVE)

8 NOT TO SCALE

0'-8"

8 NOT TO SCALE

FINISH GRADE, NOT TO EXCEED -3 FT. HORIZ. TO 1 FT. VERTICAL SLOPE

CONC. CAP UNIT (VERSA-LOK)

CONC. MODULAR RETAINING WALL UNITS (VERSA–LOK)

NON-WOVEN FILTER FABRIC

NYLON/FIBERGLASS PINS (VERSA-LOK

306.0

4" (AFTER COMPACTION) OPEN GRADED POROUS ASPHALT PAVEMENT TOP COURSE. NYSDOT ITEM NO. 420.50130108 POROUS

BEDDING LAYER: ¼" WASHED

STONE (2" THICK)

NON WOVEN GEOTEXTILE FABRIC 3/4" WASHED STONE (6" MIN)

2-3" WASHED STONE (27" MIN)

POROUS PAVEMENT SECTION.)

NON-WOVEN GEOTEXTILE SUCH AS MIRAFI 180-N OR EQUAL (SURROUND ALL SIDES OF

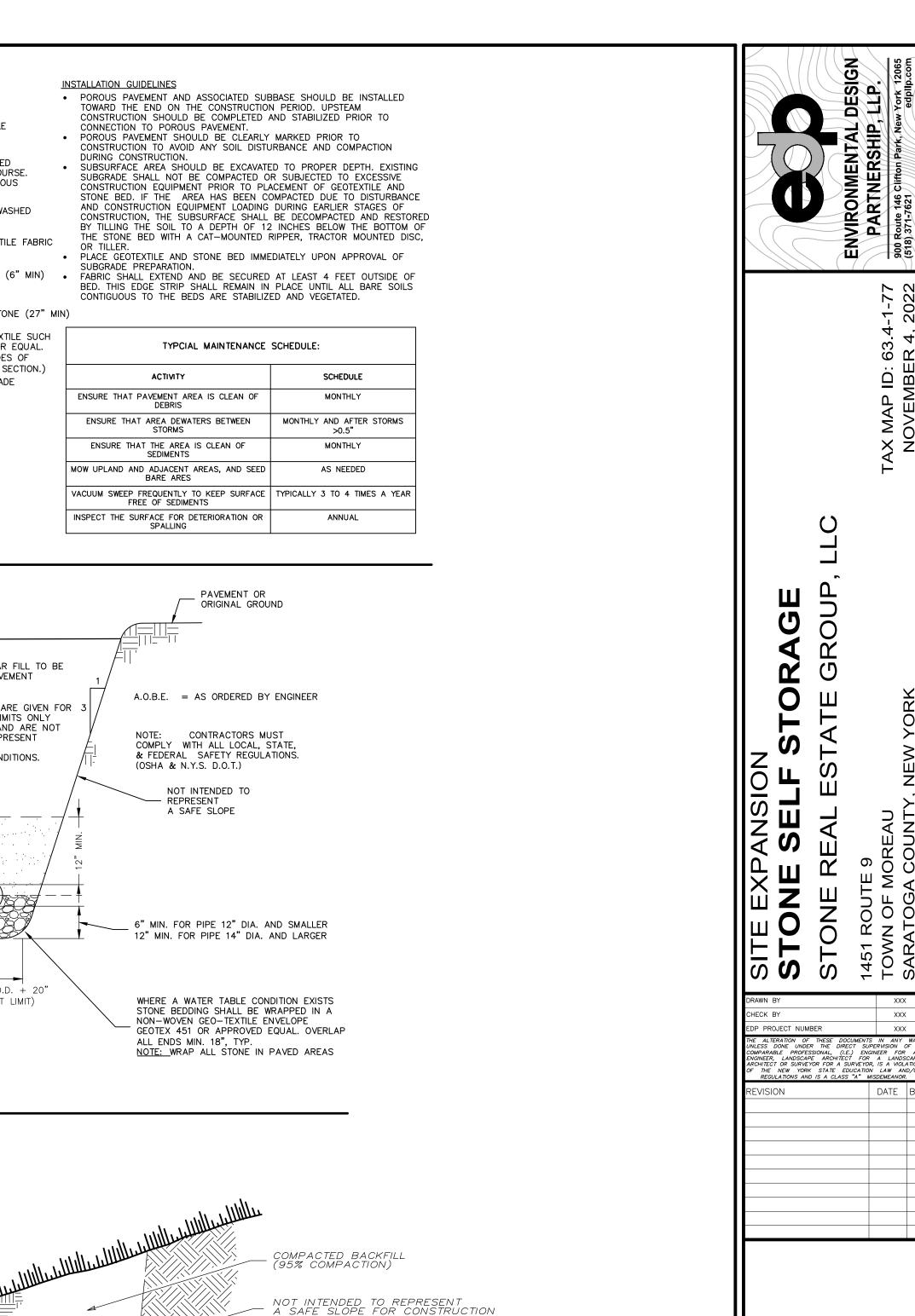
2 X O.D. MIN./O.D. + 20"

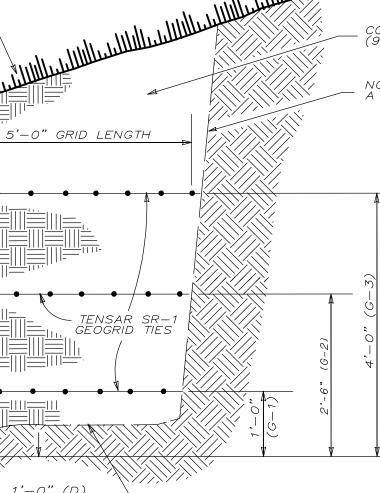
(MAX PAYMENT LIMIT)

" MIN

C

1'—0" (D)





LIMITS OF EXCAVATION

DIA. PERFORATED DRAIN PIPE / FABRIC COVER SOCK IF DRAINAGE L IS NOT STONE)

<u>NOTE:</u> _____ DESIGN BASED UPON "VERSA_LOK" RETAINING WALL SYSTEMS, AND TENSAR GEOGRID SYSTEM.

8" MINIMUM COMPACTED GRAVEL BASE (SELECT STRUCTURAL FILL) (95% COMPACTION)

NOTE: CONTRACTOR TO SUBMIT SHOP DRAWING TO ENGINEERING CONSULTANT FOR REVIEW AND APPROVAL PRIOR TO COMMENCEMENT OF CONSTRUCTION OF WALL. **<u>5</u>** CONCRETE MODULAR RETAINING WALL SYSTEM

		PARTNERSHIP, LLP.	900 Route 146 Clifton Park, New York 1206 (518) 371-7621
		TAX MAP ID: 63.4-1-77	NOVEMBER 4, 2022
SITE EXPANSION STONE SELF STORAGE	STONE REAL ESTATE GROUP, LLC	1451 ROUTE 9 TOWN OF MOREAU	0)
DRAWN BY CHECK BY EDP PROJECT NUM THE ALTERATION OF UNLESS DONE UNDE COMPARABLE PROFE FORMER, LANDSCAN ARCHITECT OR SURVE OF THE NEW YOR REGULATIONS AN REVISION	THESE DOG TR THE DIRE SSIONAL, (I.E PE ARCHITEC YOR FOR A SI	CT SUPERVISIO) ENGINEER T FOR A LI URVEYOR, IS A	FOR AN ANDSCAPE VIOLATION AND/OR ANOR.
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