# NEW CAR SALES OFFICE FOR:

# 1258 EAST BOSTON POST ROAD, VILLAGE OF MAMARONECK

### ARCHITECTURAL DRAWING INDEX

|          |                            | NEW ISSUE | REVISED ISSUE    |  | NO CHANGES             | 0 |
|----------|----------------------------|-----------|------------------|--|------------------------|---|
| DWG. NO. | DRAWING TITLE              |           | ISSUES & REMARKS | FOR PLANNING BOARD<br>REVISED #1 10.07.2021 PLANNING | REVISION #2 11.16.2021 |   |
| T-100    | PROPOSED SITE DEVELOPMENT  |           |                  |  | $\Theta$               |   |
| A-101    | PROPOSED PLAN & ELEVATION  |           |                  |  |                        |   |
| C-101    | LAYOUT PLAN                |           |                  |  | 0                      |   |
| C-102    | GRADING AND UTILITIES      |           |                  |  | 0                      |   |
| C-103    | EROSION & SEDIMENT CONTROL |           |                  |  | 0                      |   |
| C-111    | CONSTRUCTION DETAILS       |           |                  |  | 0                      |   |
| C-112    | CONSTRUCTION DETAILS       |           |                  |  | 0                      |   |
| C-113    | CONSTRUCTION DETAILS       |           |                  |  | 0                      |   |
| C-114    | CONSTRUCTION DETAILS       |           |                  |  | 0                      |   |

#### **PROJECT INFORMATION**

1258 EAST BOSTON POST ROAD CI - GENERAL COMMERCIAL 

| FLOOD ZONE N/A    |                |           |              |
|-------------------|----------------|-----------|--------------|
|                   | REQUIRED       | EXISTING  | PROPOSED     |
| LOT AREA          | N/A            | 20230 SF  | 20230 SF     |
| WIDTH             | 50'            | 235'      | 235'         |
| ALLOWED FAR (.08) | .8             | 16,184SF  | +/-750SF     |
| EXISTING FAR      | -              | 0 sf      |              |
| REMAINING FAR     | -              | 16,184 sf |              |
| SPEC. DISTANCE    | 100' (wetland) | -         | +/-750SF     |
| FRONT S.B.        | 1 O'           | -         | 0'-0"        |
| REAR S.B.         | 45'            | -         | 63'-0"       |
| SHORT SIDE S.B.   | N/R            | -         | -            |
| BOTH SIDE S.B.    | N/R            | _         | -            |
| HEIGHT            | 40' / 3 ST.    | -         | 15'/ I STORY |

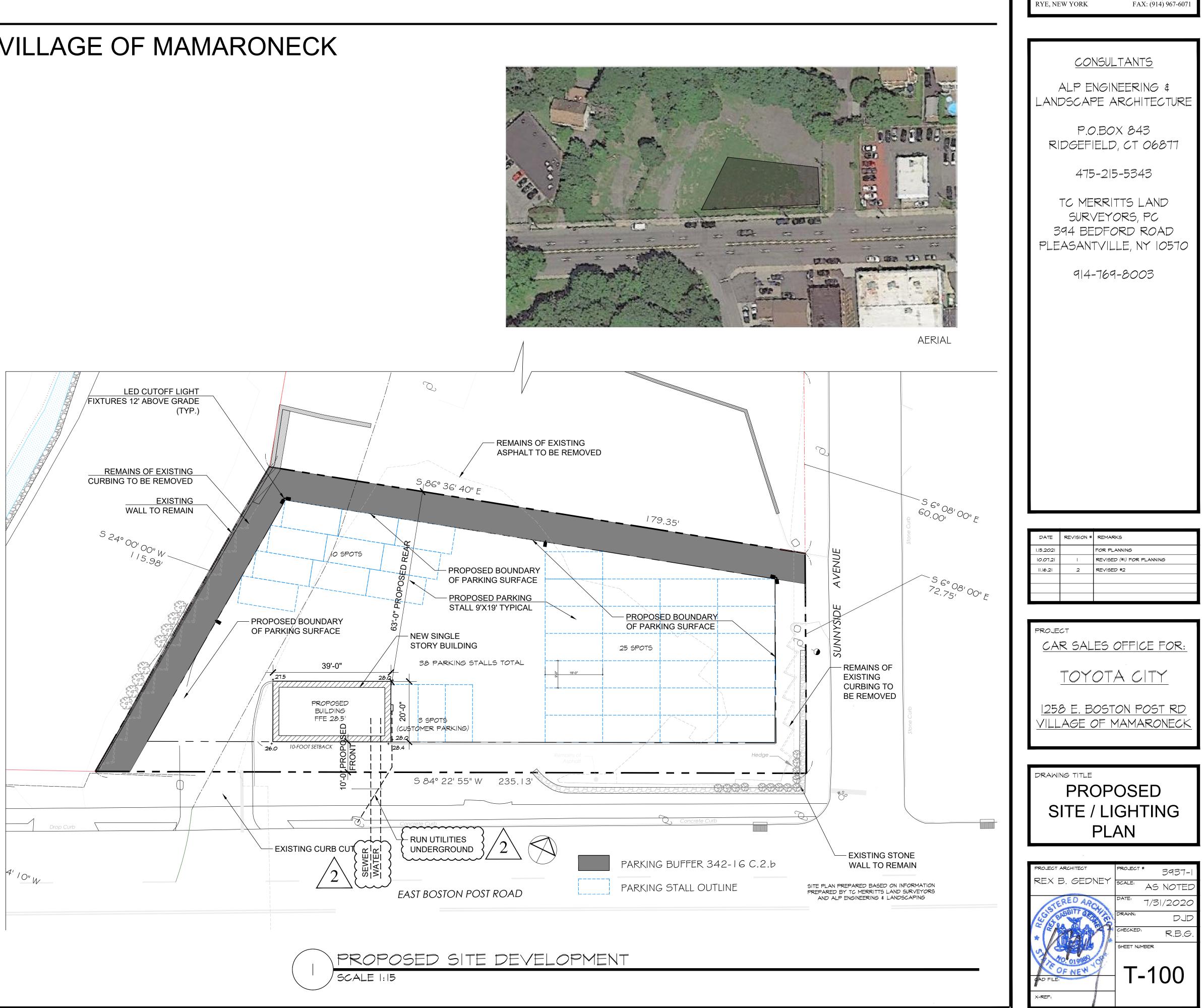
\* ALL NUMBERS TO BE VERIFIED WITH DIGITAL SURVEY

### **BUFFER CALCULATIONS**

PROPOSED IMPERVIOUS SURFACE WITHIN WETLANDS BUFFER : 223 | S.F.



EXISTING PHOTO @ CORNER OF BPR & SUNNYSIDE (EXISTING STONE RETAINING WALL TO REMAIN)



CROZIER · GEDNEY

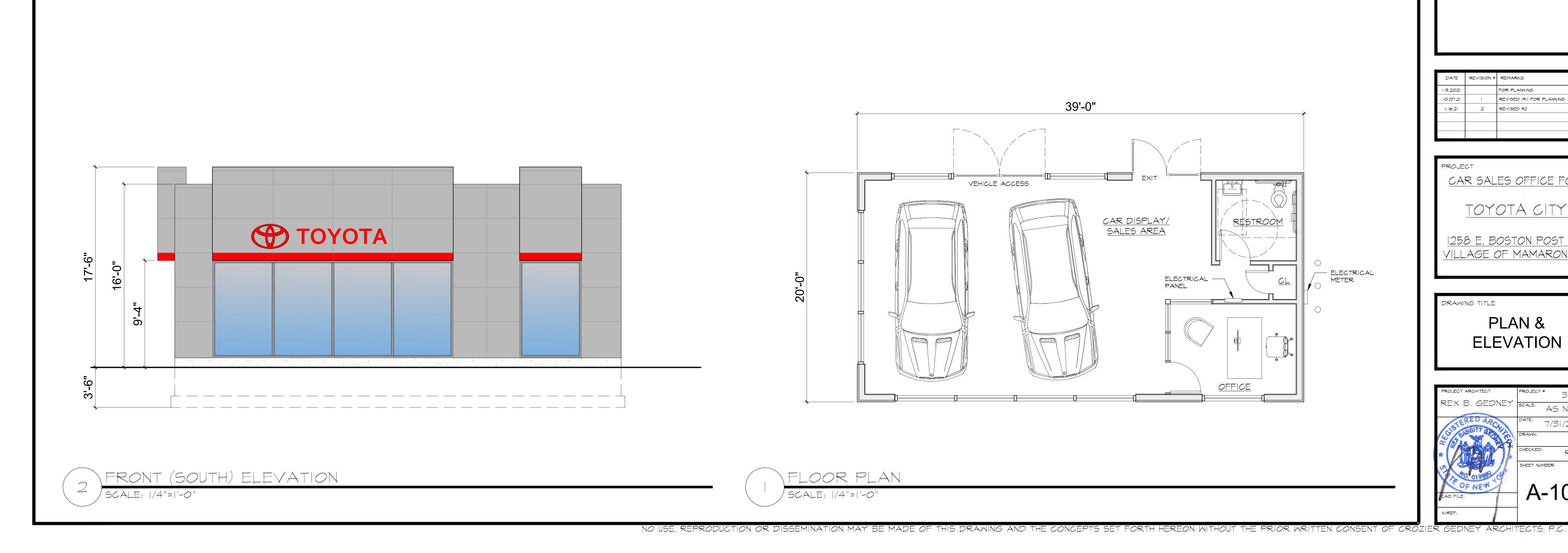
ARCHITECTURE • PLANNING • INTERIOR DESIGN

J

41 ELM PLACE

ARCHITECTS, P.C

PHONE: (914) 967-6060





41 ELM PLACE RYE, NEW YORK

PHONE: (914) 967-6060 FAX: (914) 967-6071

#### <u>CONSULTANTS</u>

ALP ENGINEERING \$ LANDSCAPE ARCHITECTURE

P.O.BOX 843 RIDGEFIELD, CT 06877

475-215-5343

TC MERRITTS LAND SURVEYORS, PC 394 BEDFORD ROAD PLEASANTVILLE, NY 10570

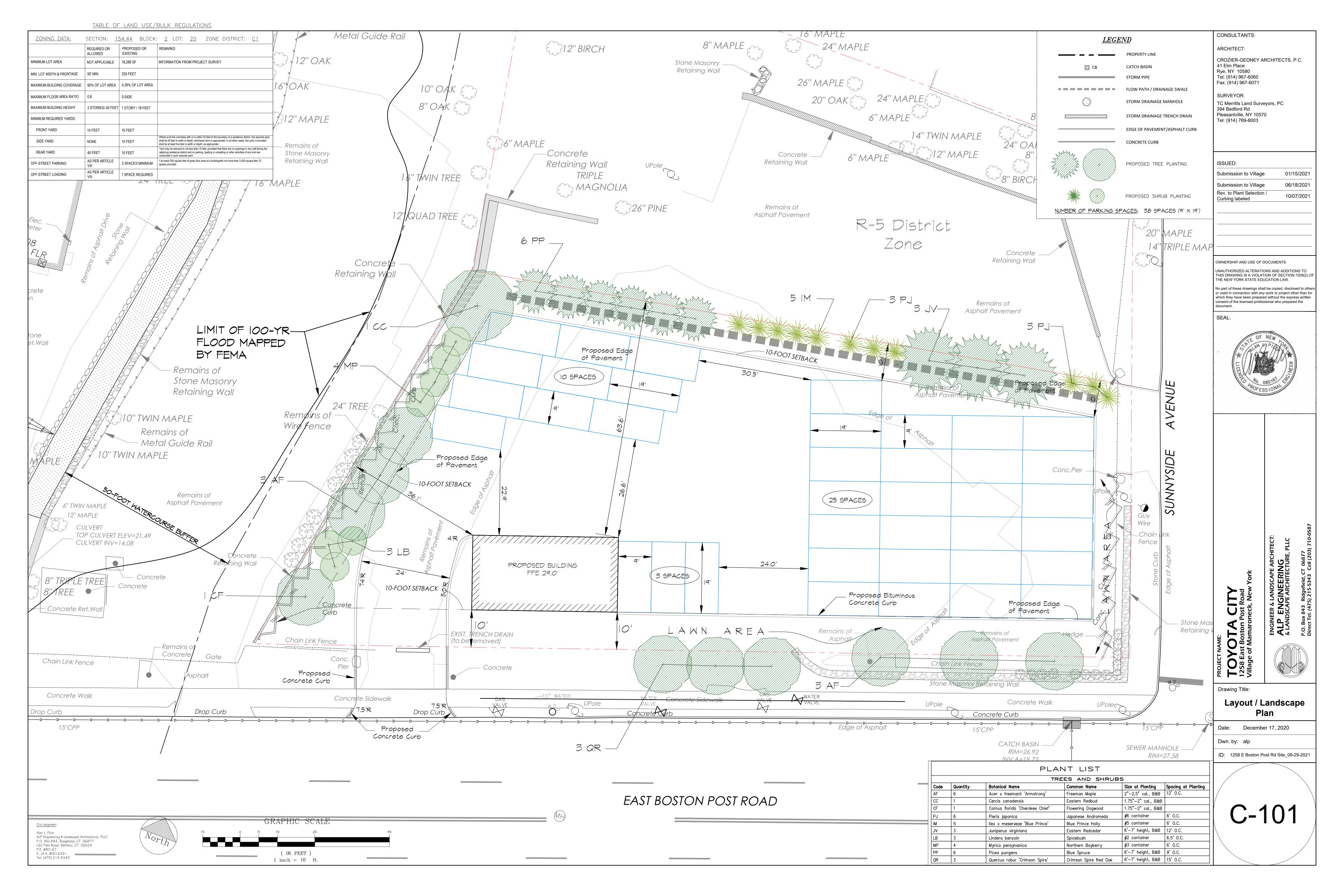
914-769-8003

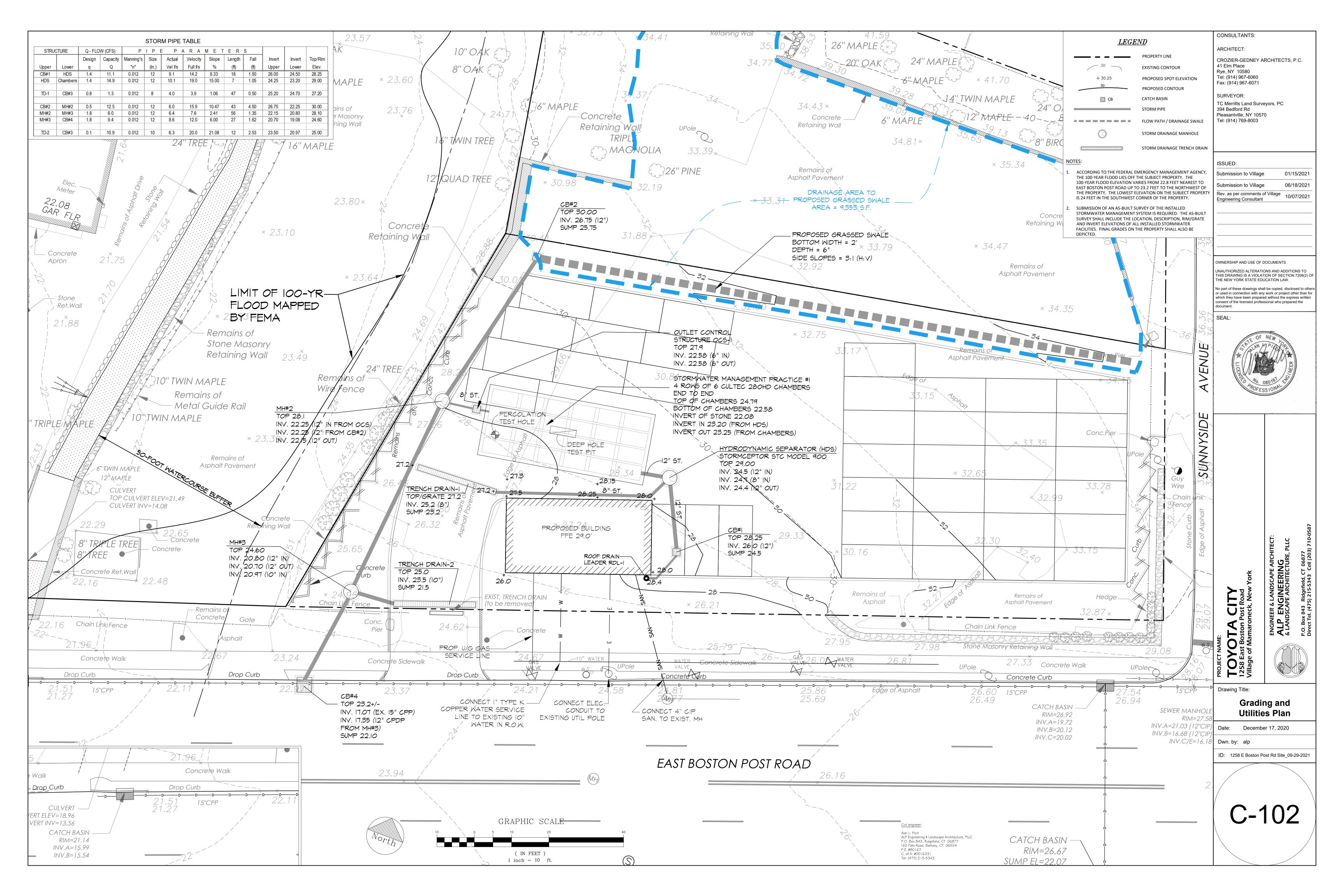
| DATE      | REVISION # | REMARKS                   |
|-----------|------------|---------------------------|
| 1.15.2021 |            | FOR PLANNING              |
| 10.07.21  | I          | REVISED (#I) FOR PLANNING |
| . 6.2     | 2          | REVISED #2                |
|           |            |                           |
|           |            |                           |
|           |            |                           |

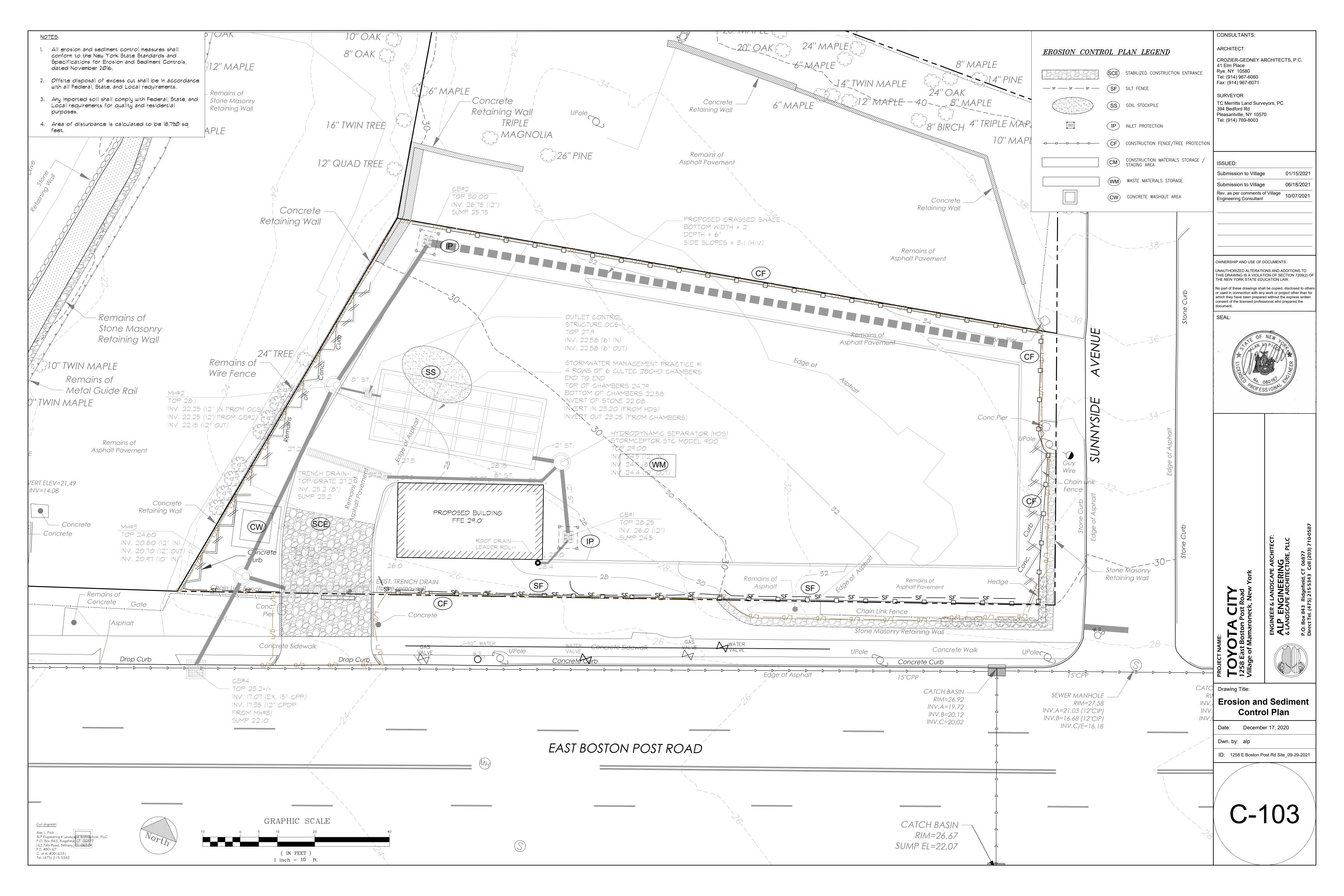
#### PROJECT

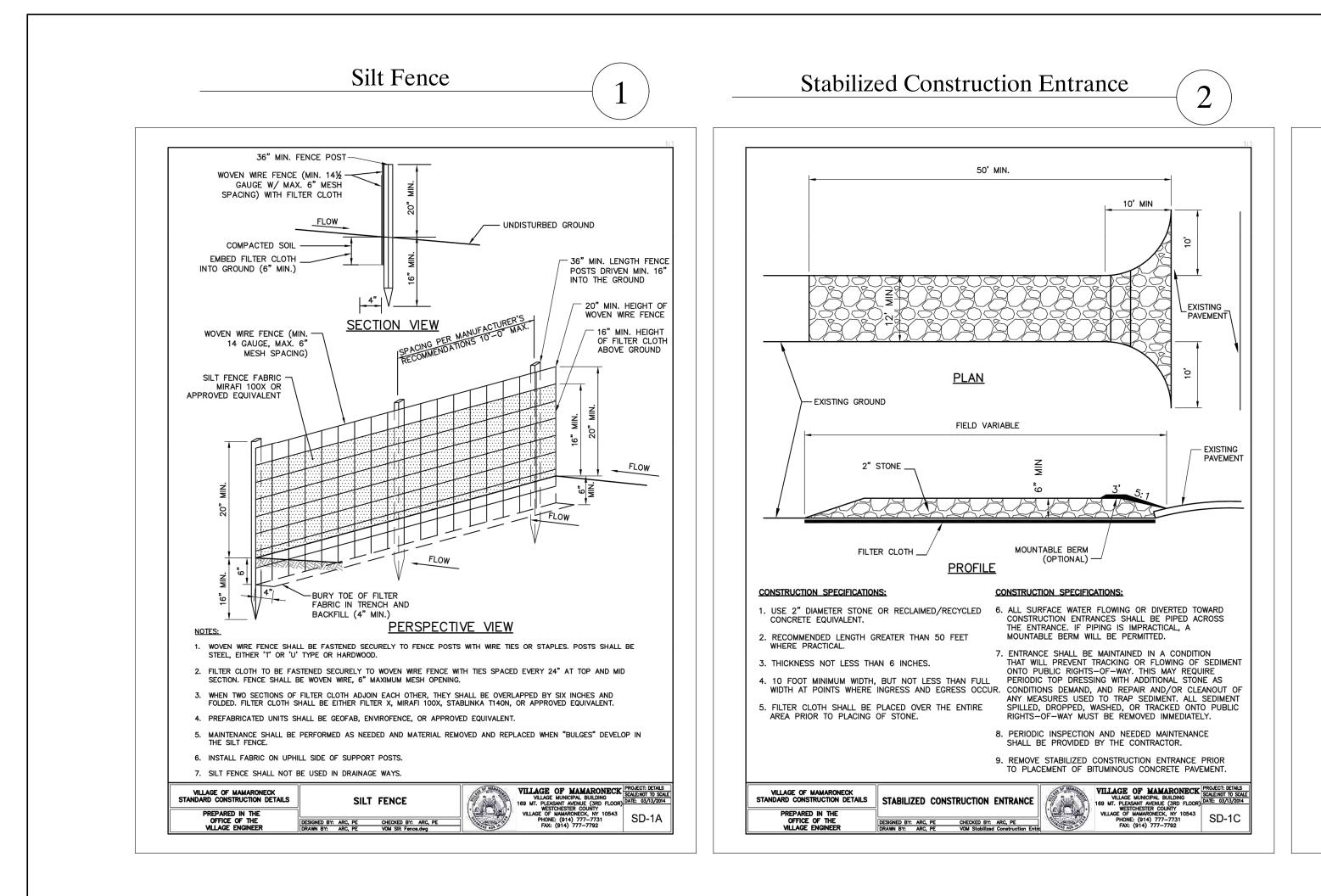
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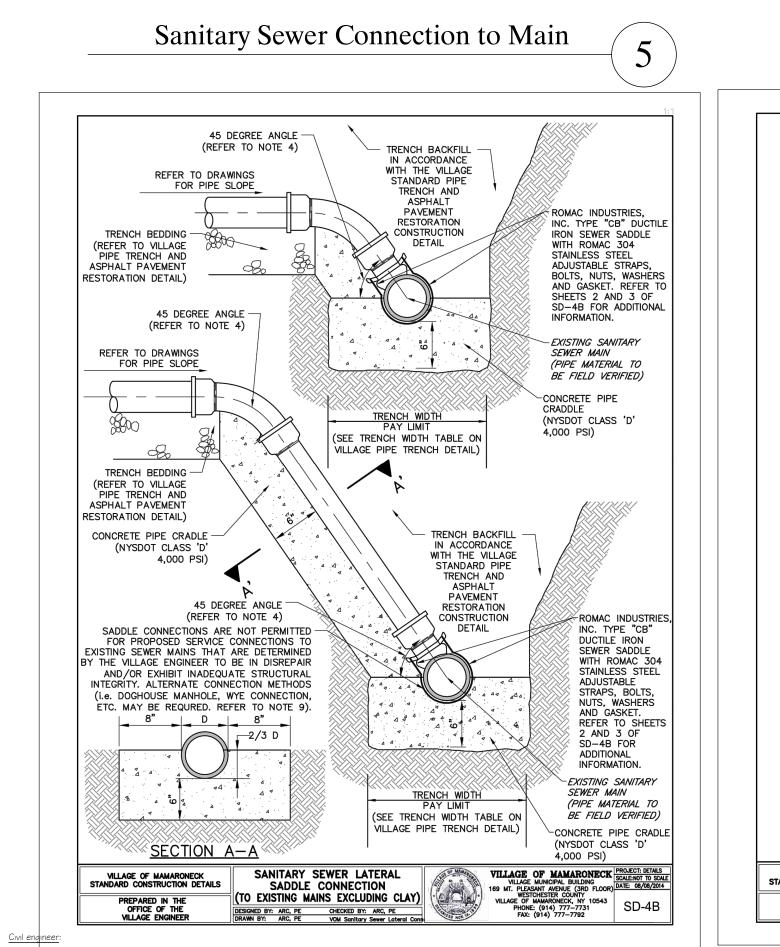
CAR SALES OFFICE FOR: TOYOTA CITY 1258 E. BOSTON POST RD VILLAGE OF MAMARONE DRAWING TITLE PLAN & ELEVATION PROJECT ARCHITECT PROJECT # 3937 REX B. GEDNEY BCALE: AS NOTED 7/31/2020 R.B.G. SHEET NUMBER OFNEW A-101 AD FILE:

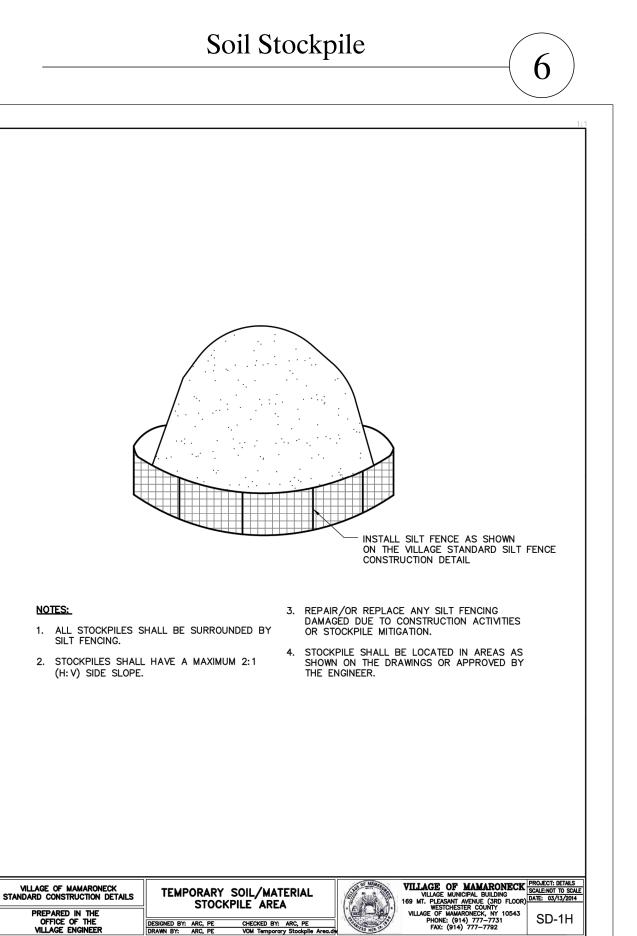




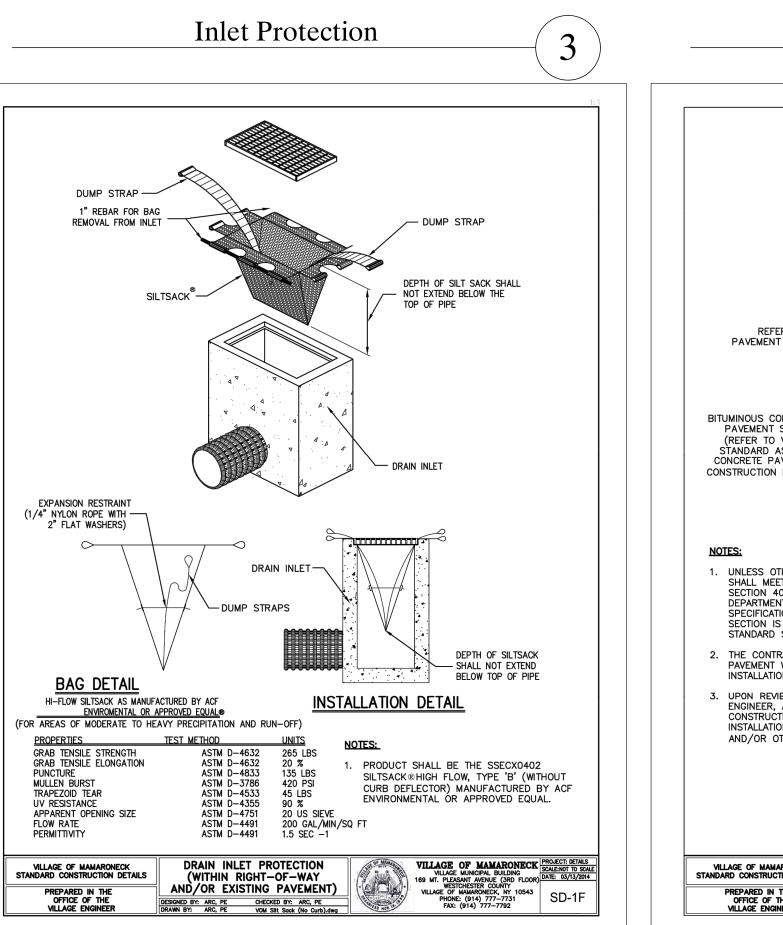


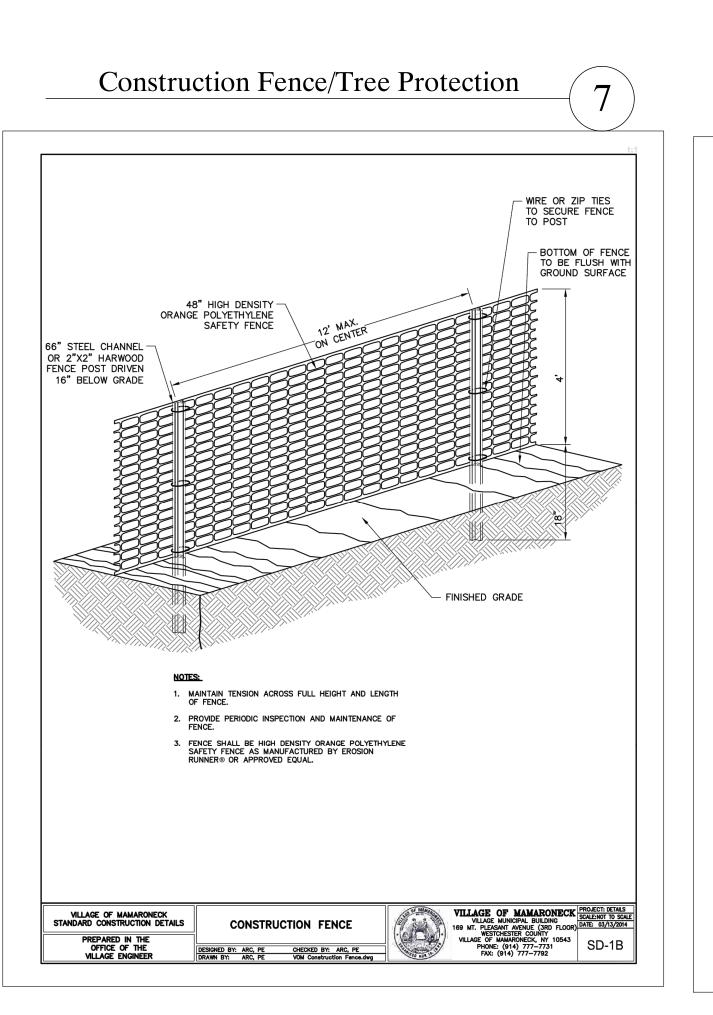




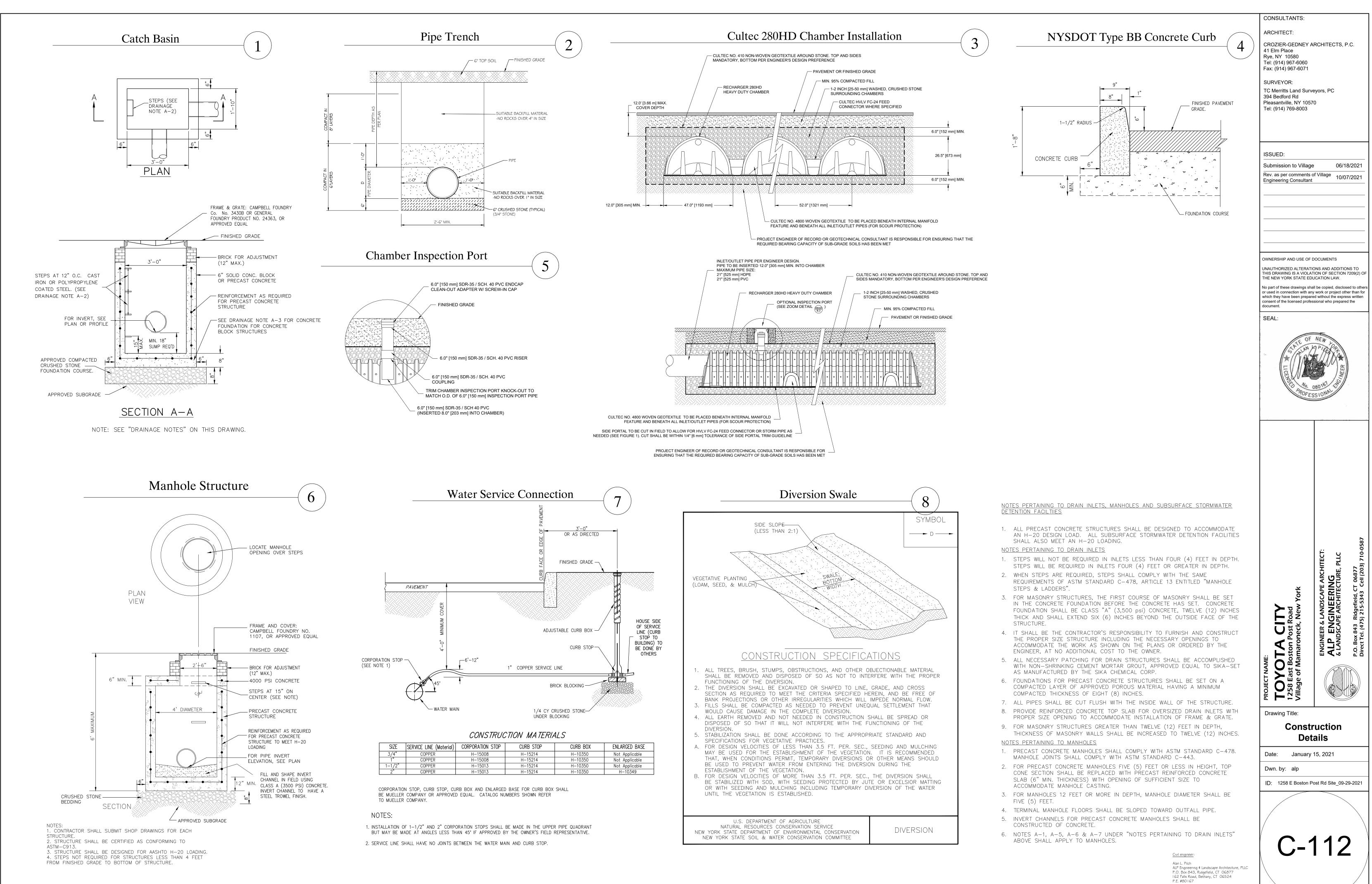


Alan L. Pilch ALP Engineering & Landscape Architecture, PLLC P.O. Box 843, Ridgefield, CT 06877 162 Falls Road, Bethany, CT 06524 P.E. #80167 C. of A. #0016331 Tel: (475) 2|5-5343

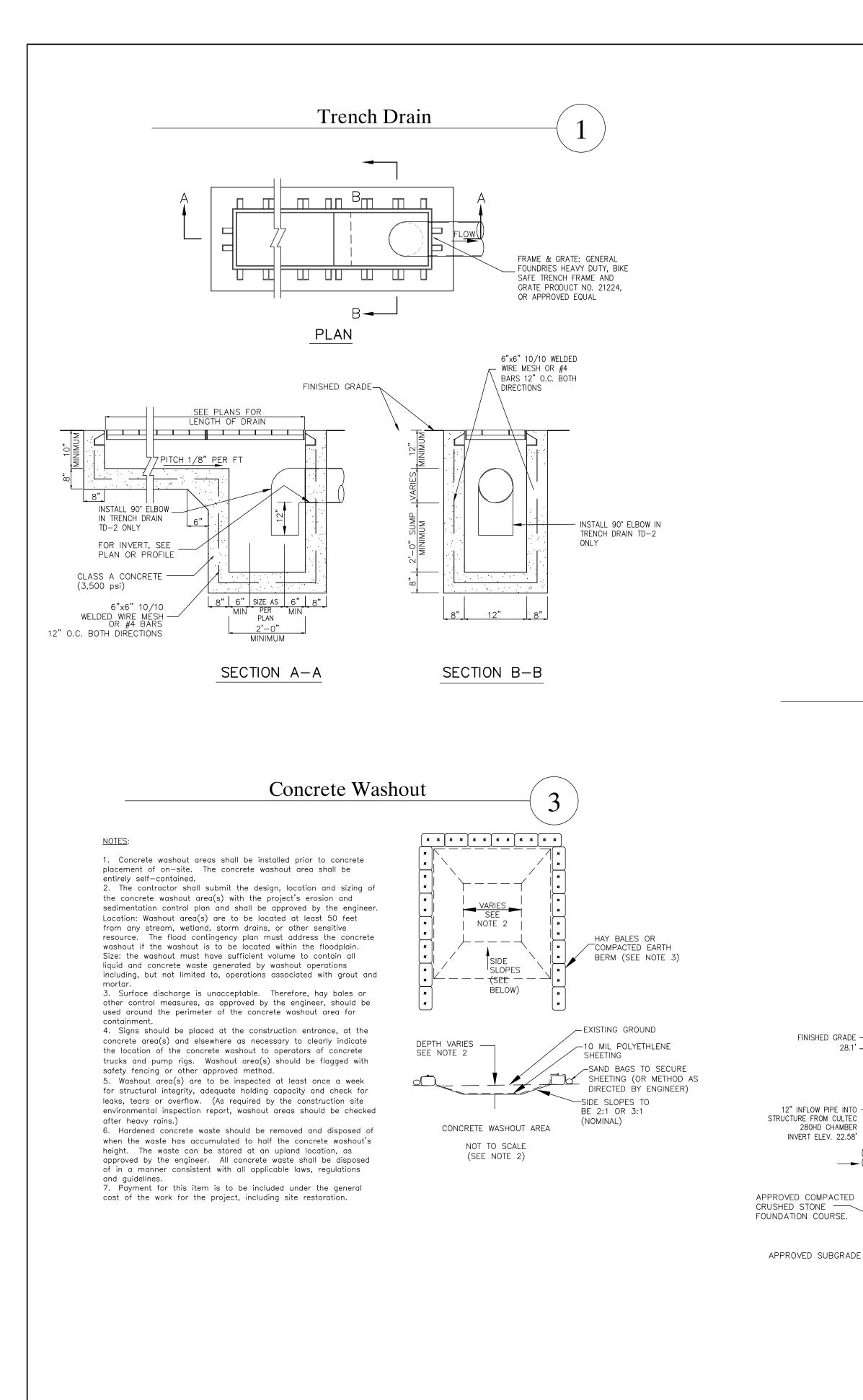




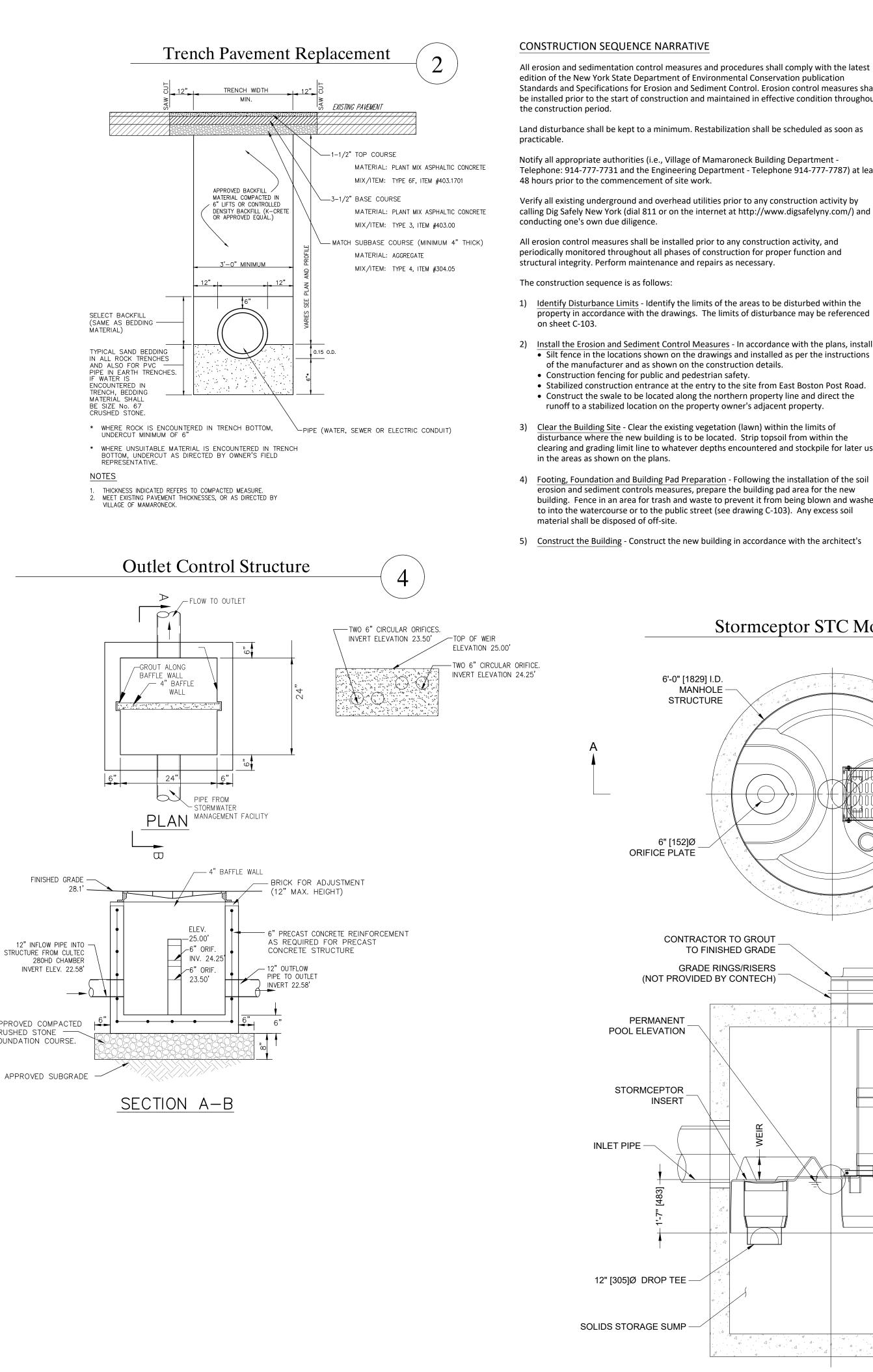
|  | CONSULTANTS:  |
|--|---|
|  |   |
| Bituminous Concrete Curb (4)   | CROZIER-GEDNEY ARCHITECTS, P.C.<br>41 Elm Place<br>Rye, NY 10580  |
|  | Tel: (914) 967-6060<br>Fax: (914) 967-6071  |
|  | SURVEYOR:   |
|  | TC Merritts Land Surveyors, PC<br>394 Bedford Rd<br>Pleasantville, NY 10570   |
|  | Tel: (914) 769-8003   |
|  |   |
|  |   |
| APSHALT  | ISSUED:<br>Submission to Village 06/18/2021   |
| REFER TO PLANS FOR<br>PAVEMENT FINISHED GRADE R=2"<br>REFER TO DRAWINGS<br>FOR FINISHED GRADE  | Submission to Village 06/18/2021<br>Submission to Village 10/07/2021  |
| w ARIES ON FINISHED GRADE  |   |
| BITUMINOUS CONCRETE<br>PAVEMENT SECTION  |   |
| (REFER TO VILLAGE<br>STANDARD ASPHALT<br>CONCRETE PAVEMENT CONCRETE PAVEMENT ACCOUNT OF THE NO.<br>407.0101)   |   |
| CONSTRUCTION DETAIL)   |   |
| APPROVED COMPACTED<br>SUBGRADE   | OWNERSHIP AND USE OF DOCUMENTS  |
| NOTES:<br>1. UNLESS OTHERWISE NOTED, BITUMINOUS CONCRETE<br>SHALL MEET THE SPECIFICATIONS OUTLINED IN  | UNAUTHORIZED ALTERATIONS AND ADDITIONS TO<br>THIS DRAWING IS A VIOLATION OF SECTION 7209(2) OF  |
| SECTION 403 OF THE NEW YORK STATE<br>DEPARTMENT OF TRANSPORTATION STANDARD<br>SPECIFICATIONS, DATED MAY 1, 2008, NOTE, THIS  | THE NEW YORK STATE EDUCATION LAW.   |
| SECTION IS NO LONGER INCLUDED IN THE NYSDOT<br>STANDARD SPECIFICATIONS.<br>2. THE CONTRACTOR SHALL ALLOW ADEQUATE  | or used in connection with any work or project other than for<br>which they have been prepared without the express written<br>consent of the licensed professional who prepared the |
| PAVEMENT WIDTH IN BACK OF CURB FOR<br>INSTALLATION USING A CURB MACHINE.   | document.   |
| 3. UPON REVIEW AND APPROVAL BY THE VILLAGE<br>ENGINEER, ASPHALT CONCRETE CURBS SHALL BE<br>CONSTRUCTED ONLY IN AREAS WHERE THE<br>INSTALLATION OF PORTLAND CEMENT CONCRETE   |   |
| AND/OR OTHER CURB TYPES ARE NOT FEASIBLE.  | THE OF NEW LOPA   |
|  |   |
|  | CELLER AND  |
| VILLAGE OF MAMARONECK<br>TANDARD CONSTRUCTION DETAILS ASPHALT CONCRETE CURB  | PROFESSIONAL  |
| VILLAGE OF MAMARONECK<br>TANDARD CONSTRUCTION DETAILS       ASPHALT CONCRETE CURB       VILLAGE MUNICIPAL BUILING<br>SCALENOT TO SCALE         PREPARED IN THE<br>OFFICE OF THE<br>VILLAGE ENGINEER       DESIGNED BY: ARC, PE       CHECKED BY: ARC, PE       CHECKED BY: ARC, PE         DESIGNED BY: ARC, PE       CHECKED BY: ARC, PE       CHECKED BY: ARC, PE       CHECKED BY: ARC, PE       CHECKED BY: ARC, PE         VILLAGE ENGINEER       DESIGNED BY: ARC, PE       CHECKED BY: ARC, PE       CHECKED BY: ARC, PE       CHECKED BY: ARC, PE  |   |
|  |   |
|  |   |
|  |   |
|  |   |
| Concrete Sidewalk (8)  |   |
|  |   |
| 4" THICK, CLASS 'D'<br>CONCRETE (4,000 PSI)  |   |
| 14" RADIUS (NYSDOT ITEM NO. 608.0101)  | 87  |
|  | ECT:<br>LLC   |
|  | (E, PI<br>(E, PI<br>203)  |
|  |   |
| 6" X 6" No. 3 — 6" THICK 3/4" APPROVED COMPACTED CLEAN APPROVED COMPACTED COMPACTED WASHED CRUSHED STONE BASE COURSE SUBGRADE (NYSDOT ITEM NO. 623.12, SIZE DESIGNATION 2)   | A Pork<br>ew York<br>NDSCAPE<br>ARCHITEC<br>ARCHITEC<br>ARCHITEC  |
| NOTES: <u>SECTION VIEW</u><br>1. WHEN SIDEWALK ABUTS A ROADWAY, CURB AND SIDEWALK SHALL BE MONOLITHICALLY CONSTRUCTED. REFER TO VILLAGE<br>STANDARD MONOLITHIC CURB AND SIDEWALK CONSTRUCTION DETAIL.  |   |
| 2. UNLESS OTHERWISE NOTED, PORTLAND CEMENT CONCRETE SIDEWALKS SHALL MEET THE SPECIFICATIONS OUTLINED IN<br>SECTION 608 AND SUBSECTION 700 OF THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD  |   |
| SPECIFICATIONS, DATED JANUARY 9, 2014 WITH LATEST REVISIONS.<br>3. THE GENERAL CONSTRUCTION DETAILS FOR MANUFACTURING AND TRANSPORTING CONCRETE SHALL MEET THE<br>REQUIREMENTS OF SECTION 501, PORTLAND CEMENT CONCRETE- GENERAL.  | Endineer<br>Ston Post<br>maronec<br>& LANDSC<br>& LANDSC<br>& LANDSC  |
| 4. WELDED WIRE FABRIC REINFORCEMENT SHALL BE MADE OF W2.9 OR W3 WIRE AT 6 INCH CENTERS TRANSVERSELY<br>CONVENTIONALLY FORMED CONCRETE SHALL MEET THE REQUIREMENTS FOR CLASS D IN ACCORDANCE WITH SECTION 501<br>"PORTLAND CEMENT CONCRETEGENERAL." ALL CONCRETE SHALL CONTAIN A WATER-REDUCING ADMIXTURE MEETING THE   | Ma Bo O   |
| REQUIREMENTS OF \$711-08 IN SUCH A QUANTITY AS TO PROVIDE A MINIMUM 10% REDUCTION OF THE DESIGN WATER<br>CONTENT BY USING A NORMAL RANGEWATER-REDUCER. WWF SHALL BE MANUFACTURED IN SHEETS AND PLACED WITH IN<br>CONCRETE BY CHAIRING.   |   |
| <ol> <li>REINFORCING SHALL NOT EXTEND THROUGH EXPANSION JOINTS.</li> <li>INSTALL A PREMOULDED RESILIENT JOINT FILLER, \$705-07, AT ALL JOINTS BETWEEN SIDEWALK AND CURB, PAVEMENT,<br/>BUILDING, ETC. THE PREMOULDED RESILIENT JOINT FILLER SHALL CONFORM TO THE REQUIREMENTS OF ASTM D1751.</li> </ol>  | PROJECT<br>1258 E2<br>Village   |
| 7. THE EXPANSION JOINTS SHALL BE LOCATED AT ALL IMMOVABLE OBJECTS (BRIDGE SUBSTRUCTURES, ETC.), WHERE SHOWN ON THE PLANS, AND/OR AS DIRECTED BY THE ENGINEER. EXPANSION JOINTS SHALL NOT BE REQUIRED AT 20 FOOT  | Drawing Title:  |
| INTERVALS.<br>8. PREMOULDED RESILIENT JOINT FILLER (§705–07), USE 3/8 – 5/8 INCH THICK FILLER IN TRANSVERSE EXPANSION JOINT<br>ASSEMBLIES ONLY. INCLUDE A ONE-PIECEPREMOULDED RESILIENT JOINT FILLER IN THE ASSEMBLY THAT EXTENDS  | Construction  |
| COMPLETELY ACROSS THE SLAB WIDTH. THE JOINT FILLER MUST EITHER EQUAL THE FULL DEPTH OF THE SLAB, OR<br>EXTEND FROM THE BOTTOM OF THE SLAB TO WITHIN 1 1/2 - 2 INCHES OF THE TOP OF THE SLAB WITH A FINISHING<br>CAP THAT EXTENDS TO THE TOP OF THE SLAB.   | Details   |
| 9. UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS, THE CONCRETE SURFACE SHALL BE SCORED AND TOOLED<br>AT INTERVALS OF 5 FEET. SCORE THE CONCRETE A MINIMUM 1/8 INCH TO A MAXIMUM 1/4 INCH IN WIDTH AND TO A<br>MINIMUM DEPTH OF ONE-THIRD THE TOTAL THICKNESS.   | Date: January 15, 2021  |
| 10. 3 FOOT WIDE SIDEWALKS SHALL RECEIVE CONTRACTION JOINTS EVERY 4 FEET. 4 AND 5 FOOT WIDE SIDEWALKS SHALL<br>RECEIVE CONTRACTION JOINTS EQUAL TO THE WIDTH OF THE SIDEWALK. SIDEWALKS MAY BE CONVENTIONALLY FORMED OR<br>MACHINE FORMED.  | Dwn. by: alp  |
| 11. ONLY MAGNESIUM FLOATS AND TROWELS ARE ALLOWED. THE USE OF ALUMINUM OR STEEL FINISHING TROWELS AND TOOLS<br>IS PROHIBITED. THE CONCRETE SHALL BE FINISHED TO PRODUCE A SMOOTH SURFACE AND THEN LIGHTLY BROOMED TO A<br>UNIFORM TEXTURE. THE EDGES AND SCORED JOINTS OF ALL SIDEWALK SLABS SHALL BE TOOLED WITH AN EDGING TOOL<br>HAVING A 1/4 INCH RADIUS.  | ID: 1258 E Boston Post Rd Site_09-29-2021   |
| 12. ALL WORK SHALL BE IN ACCORDANCE WITH NYSDOT SPECIFICATIONS AND IN REASONABLY CLOSE CONFORMITY WITH THE<br>LINES AND GRADES SHOWN ON THE PLANS OR ESTABLISHED BY THE ENGINEER.  |   |
| 13. SIDEWALK SHALL BE PAID UNDER NYSDOT ITEM NO. 608.0101. CRUSHED STONE SHALL BE PAID UNDER NYSDOT ITEM NO.<br>623.12.<br>VILLAGE OF MAMARONECK PROJECT: DETAILS<br>SCALEND TO SCALE  |   |
| STANDARD CONSTRUCTION DETAILS<br>CONCRETE SIDEWALK<br>OFFICE OF THE DESIGNED BY: ARC, PE CHECKED BY: ARC, PE C |   |
| VILLAGE ENGINEER DRAWN BY: ARC, PE VOM PCC Sidewalk.dwg  | C-111   |
|  |   |



C. of A. #0016331 Tel: (475) 215-5343



Civil engineer: Alan L. Pilch ALP Engineering & Landscape Architecture, PLLC P.O. Box 843, Ridgefield, CT 06877 I 62 Falls Road, Bethany, CT 06524 P.E. #80167 C. of A. #0016331 Tel: (475) 215-5343

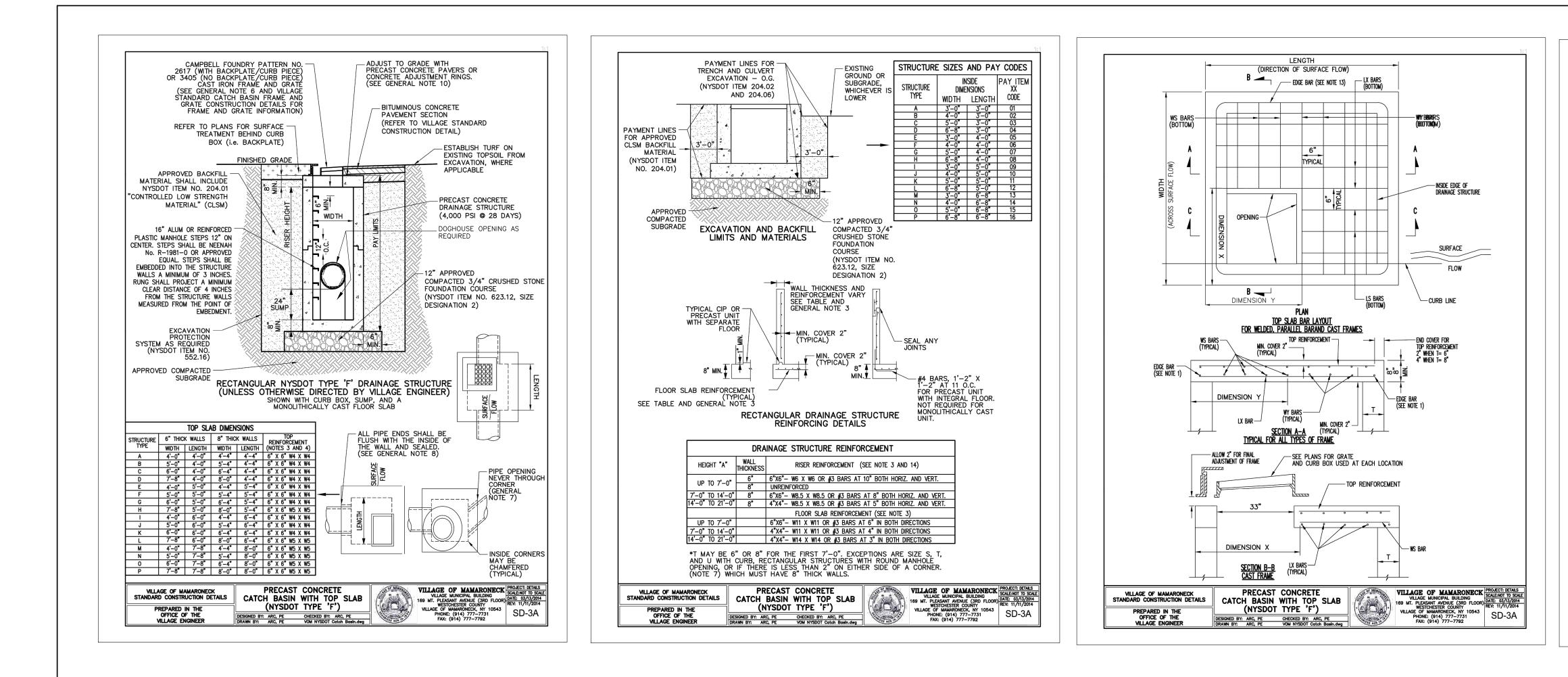


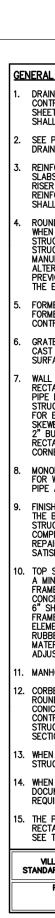
|                   |                       |   | ARCHITECT:   |  |
|-------------------|-----------------------|---|--|--|
|                   |                       |   | CROZIER-GEDNEY A<br>41 Elm Place   | RCHITECTS, P.C.  |
|                   | 6)                    | plans.<br>Install Stormwater Management and Drainage Facilities - Storm drainage systems shall be   | Rye, NY 10580<br>Tel: (914) 967-6060   |  |
|                   | 0)                    | installed from the lowest to highest elevations.  | Fax: (914) 967-6071  |  |
| all<br>ut         |                       | Install the chambers to the elevations shown on the drawings and in accordance with the construction details. Do not permit runoff to enter the chambers until such time as the ground surface that drains to the chambers achieves final stabilization (i.e., pavement or aggregate subbase is applied to the parking area. Contractor shall call project engineer to inspect the installation of the chambers prior to backfilling. | SURVEYOR:<br>TC Merritts Land Surve<br>394 Bedford Rd<br>Pleasantville, NY 1057<br>Tel: (914) 769-8003 |  |
| ast               | 7)                    | Site work - Simultaneously with the building construction, the site work, which includes the grading of the parking area to the grades shown in the plans may be commenced. Pave the parking area to the elevations shown and stripe the stalls as shown on the plans.  |  |  |
|                   | 8)                    | Prepare all Disturbed Areas for Final Stabilization - Clean up all residual site debris and litter.   | ISSUED:  |  |
|                   |                       | Remove the erosion control measures only after full vegetative stabilization (80% uniform density of permanent vegetation) occurs on the site.<br>SION AND SEDIMENT CONTROL MAINTENANCE SCHEDULE  | Submission to Village<br>Rev. as per comments of<br>Engineering Consultant                             |  |
|                   | dev<br>mac<br>it sh   | Fence: Maintenance shall be performed as needed and material removed when bulges<br>elop in the silt fence. Inspection for physical damage to the silt fence material shall be<br>le during the weekly inspection. If filter fabric shows signs of decomposing or is damaged,<br>all be repaired immediately. Typically, this entails installing a new line of silt fence<br>icent to the damaged line.                               |  |  |
| l:                | be l<br>to r<br>All s | pilized Construction Entrance: The effective life of a stabilized construction entrance may<br>mited by excessive sediment deposition, unless additional aggregate is added periodically<br>enew the surface. Maintenance includes periodic top dressing with additional aggregate.<br>rediment spilled, dropped or washed into the public right-of-way must be removed<br>nediately.   | OWNERSHIP AND USE OF I   | ONS AND ADDITIONS TO   |
|                   |                       | odic inspection of the stabilized construction entrance and road shall be performed within<br>ours of the end of a storm event of 0.5 inches or greater and following periods of heavy  | THE NEW YORK STATE EDI<br>No part of these drawings sha  | ll be copied, disclosed to others<br>/ work or project other than for  |
| se                | inst<br>mai           | Stockpiling: Perimeter sediment controls around each stockpile is to consist of silt fence<br>alled in accordance with the standards delineated above. The silt fence shall be<br>ntained as noted above. Stockpiles and fill area shall be inspected at least weekly for signs<br>rosion or problems with plant establishment.   | document.  |  |
| ed                |                       | struction fence: Check on at least a weekly basis that the construction fence and gate has been damaged by construction activities.   | STATE OF   | NEW LOPT   |
| od                | el                    | 9 <u>00 HDS</u> 5   | ROFES  | SIONAL   |
|                   | A                     |   |  |  |
|                   |                       |   |  |  |
|                   |                       |   |  |  |
| $\frac{999}{000}$ | 0000                  |   |  |  |
|                   |                       |   |  | ECT:<br>LLC<br>710-0587  |
| )                 | X                     | SAFETY GRATE OVER<br>OUTLET RISER   |  | E ARCHITECT:<br>NG<br>CTURE, PLLC<br>Cell (203) 710-<br>Cell (203) 710-  |
|                   |                       | TOP SLAB ACCESS TO BE   | ork  | APE AR<br>RING<br>ITECTU<br>4, CT 06   |
|                   | -                     | ORIENTED OVER OIL INSPECTION<br>PIPE AND OUTLET RISER<br>(SEE FRAME AND COVER DETAIL)   | CITY<br>ost Road<br>leck, New York   | ENGINEER & LANDSCAPE ARCHITEC<br>ALP ENGINEERING<br>& LANDSCAPE ARCHITECTURE, PLL<br>2.0. Box 843 Ridgefield, CT 06877<br>Direct Tel. (475) 215-5343 Cell (203) 71 |
| ^                 |                       |   | <b>IA</b><br>ston P  | ENGINEER & L<br>ALP ENG<br>& LANDSCAPE<br>P.O. Box 843 R<br>Direct Tel. (475)  |
|                   |                       |   | T NAMI<br>A<br>Sast B<br>C<br>Sast B<br>C  |  |
|                   |                       | 6" [152]Ø OIL<br>INSPECTION PIPE<br>(TOP 1" [25] MIN.<br>FROM INSIDE OF<br>TOP SLAB)  | PROJECT NAME:<br><b>TOYO</b><br>1258 East Bo<br>Village of Mar   |  |
|                   |                       | TOP SLAB)   | Drawing Title:<br>Constr   |  |
|                   |                       | OUTLET PIPE   | Det<br>Date: January   |  |
|                   |                       |   | Dwn. by: alp   |  |
|                   |                       |   | ID: 1258 E Boston P  | ost Rd Site_09-29-2021   |
|                   |                       | 24" [610]Ø<br>OUTLET<br>DIOED   |  |  |
|                   |                       | 24" [610]Ø [6]<br>OUTLET 7  |  |  |
|                   |                       | RISER T   | C-1  | I I J  |

CONSULTANTS:

ALALALA

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| RAL NOTES:  |
|---|
| DRAINAGE STRUCTURES SHALL BE PRECAST CONCRETE UNITS. ROUND DRAINAGE STRUCTURES SHALL BE PRECAST CONCRETE ONLY. THE<br>CONTRACTORS SHALL SUBMIT WORKING DRAWINGS FOR REVIEW AND APPROVAL OF ANY CHANGES TO THE STRUCTURES SHOWN ON THE STANDARD<br>HEETS OR CONTACT PLANS, OTHER THAN MINOR CHANGES APPROVED BY THE ENGINEER. USE OF FLAT SLAB TOPS ON ROUND PRECAST UNITS<br>SHALL REQUIRE SUBMISSION OF WORKING DRAWINGS.  |
| EE PLANS FOR ELEVATIONS, DRAINAGE STRUCTURE LOCATIONS, TYPE OF GRATE UTILIZED, LOCATION OF SCOOPS, FORMED INVERTS, SUMPS AND RAINS.   |
| REINFORCEMENT FOR RECTANGULAR DRAINAGE UNITS (CAST IN PLACE OR PRECAST) BAR REINFORCEMENT INDICATED FOR RECTANGULAR TOP<br>SLABS, RISERS AND BASES SHALL BE GRADE 60. WIRE FABRIC FOR CONCRETE REINFORCEMENT SHALL MEET THE REQUIREMENTS OF \$709-02.<br>RISER REINFORCEMENT SHALL BE PLACED SO IT WILL HAVE A MINIMUM COVER OF 2" BUT NO MORE THAN 4" FROM THE INSIDE FACE. THE<br>REINFORCEMENT SHALL EXTEND COMPLETELY AROUND THE DRAINAGE STRUCTURE RISER AND SHALL BE LAPPED AND TIED. BASE REINFORCEMENT<br>SHALL BE PLACED ABOVE THE MIDPOINT OF SLAB AND SHALL HAVE A MINIMUM CONCRETE COVER OF 2".   |
| ROUND ALTERNATIVE:<br>WHEN SPECIFIED BY PAYMENT ITEM, THE CONTRACTOR MAY SUBSTITUTE ROUND, PRECAST DRAINAGE STRUCTURES IN PLACE OF RECTANGULAR<br>STRUCTURES USING SIZES INDICATED IN THE "SELECTION TABLE FOR ALTERNATE ROUND DRAINAGE STRUCTURES" ON NYSDOT "DRAINAGE<br>STRUCTURE DETAILS" STANDARD SHEET 4 OF 4. THE RISER, TOP SLAB, AND BOTTOM SLAB FOR THE ROUND ALTERNATE SHALL BE<br>MANUFACTURED IN ACCORDANCE WITH THE PROVISIONS OF \$706-04 OF THE STANDARD SPECIFICATIONS. WORKING DRAWINGS FOR THE ROUND<br>ALTERNATES SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL, UNLESS THE ROUND ALTERNATE PROPOSED HAS BEEN<br>REVOVUSLY APPROVED. FOR PREVIOUSLY APPROVED ROUND UNITS THE CONTRACTOR SHALL SUBMIT A COPY OF THE APPROVED DRAWINGS TO<br>THE ENGINEER.   |
| ORMED INVERTS:<br>ORMED INVERTS, SCOOP AND SUMPS SHALL BE PROVIDED AND INCLUDED IN THE PRICES BID FOR DRAINAGE STRUCTURES CALLED FOR IN THE<br>CONTRACT DOCUMENTS. WHEN NON-CIRCULARPIPES ARE USED, THE FORMED INVERT AND SUMP DETAILS SHALL BE MODIFIED TO FIT THE INVERTS.  |
| GRATES:<br>CAST FRAMES SHALL HAVE BICYCLE SAFE GRATES. GRATES SHALL BE INSTALLED SO THAT THE LENGTH OF THE GRATE IS PARALLEL TO THE<br>SURFACE FLOW.  |
| VALL OPENINGS:<br>VECTANGULAR DRAINAGE STRUCTURES SHOWN ON THE NYSDOT "DRAINAGE STRUCTURE DETAILS" STANDARD SHEETS SHOULD NEVER HAVE CORNER<br>VIPE ENTRIES. IF PIPE ALIGNMENT WOULD REQUIRE A CORNER ENTRY, USE AROUND DRAINAGE STRUCTURE OR USE A SPECIAL DRAINAGE<br>STRUCTURE. ALL WALL OPENINGS SHALL BE FORMED COMPLETELY THROUGH THE WALL SECTION. CIRCULAR WALL OPENINGS SHALL BE FORMED<br>OR EACH CIRCULAR PIPE ENTERING PERPENDICULAR TO THE WALL. WHEN NON-CIRCULAR PIPES ARE SPECIFIED, OR ROUND PIPE ENTRIES ARE<br>IKEWED, RECTANGULAR OPENINGS MAY BE USED. THE CLEARANCE BETWEEN THE OUTSIDE OF THE PIPE AND THE OPENING SHALL BE AT LEAST<br>"BUT NO MORE THAN 3". THIS CLEARANCE SHALL BE MEASURED BETWEEN THE OUTSIDE OF THE PIPE AND NEAREST POINT ON THE<br>VIECTANGULAR OPENING. IF A CORNER HAS PIPE ENTRIES ON BOTH SIDES, AND THERE IS LESS THAN 2" BETWEEN EITHER OPENING AND THE<br>SORNER. THEN THAT SECTION OF THE DRAINAGE STRUCTURE MUST HAVE 8" THICK WALLS.   |
| IONOLITHIC AND INTEGRAL BASES MAY HAVE A MAXIMUM VERTICAL DRAFT OF ½" ON ALL INTERIOR DIMENSIONS, TO FACILITATE FORM REMOVAL.<br>OR WALL OPENINGS THAT EXTEND THE FULL WIDTH OR LENGTH OF THE STRUCTURE, THE MINIMUM CLEARANCE BETWEEN THE OUTSIDE OF THE<br>IPE AND THE WALL OPENING SHALL BE 1½".   |
| INISHING PIPE ENTRIES:<br>HE BELLS OF CONCRETE PIPE SHALL BE CUT OFF AT EVERY PIPE ENTRY WHERE THE BELL ENTERS A STRUCTURE. CONNECTIONS BETWEEN THE<br>STRUCTURE AND PIPE SHALL BE MADE BY EITHER USING A RESILIENT CONNECTOR MEETING THE REQUIREMENTS OF ASTM C1478M OR BY<br>COMPLETELY FILLING THE SPACE AROUND EACH PIPE WITH MORTAR FOR CONCRETE MASONRY, CONCRETE GROUTING MATERIAL, OR CONCRETE<br>EPAIR MATERIAL. THE CONTRACTOR MAY USE ALTERNATE METHODS FOR SEALING THE SPACE AROUND THE PIPE, CONTINGENT UPON<br>SATISFACTORY RESULTS BEING OBTAINED.   |
| TOP SLAB AND OR FRAME AND GRATE ADJUSTMENT:<br>A MINIMUM OF ½" OF BEDDING SHALL BE PLACED BETWEEN RISER AND PRECAST TOP SLABS. GRADE ADJUSTMENT FOR TOP SLABS AND/OR<br>RAME AND GRATE OF UP TO 2½" SHALL BE MADE WITH BEDDING MATERIAL MEETING THE REQUIREMENTS OF MORTAR FOR CONCRETE MASONRY,<br>SONCRETE GROUTING MATERIALS OR CONCRETE REPAITH BEDDING MATERIAL MEETING THE REQUIREMENTS OF MORTAR FOR CONCRETE MASONRY,<br>SONCRETE GROUTING MATERIALS OR CONCRETE REPAITH BEDDING MATERIAL GRADE ADJUSTMENT FOR TOP SLABS AND/OR<br>RAME AND GRATES OF UP TO 1°-0" SHALL BE MADE WITH CAST-IN-PLACE CONCRETE OR A COMBINATION OF PRECAST CONCRETE ADJUSTMENT<br>ILLMENTS AND BEDDING MATERIALS. ALTERNATELY, GRADE ADJUSTMENTS FOR FRAMES AND GRATES OF UP TO 2" MAY BE MADE WITH HECYCLED<br>RUBBER ELEMENTS OR UP TO 3" WITH HOPE ELEMENTS. RECYCLED RUBBER AND HDPE ELEMENTS SHALL BE PRODUCTS APPROVED BY THE<br>MATERIALS BUREAU AND SHALL BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS. THE CONTRACTOR MAY USE ALTERNATE METHODS OF GRADE<br>DJUSTMENT, CONTINGENT UPON SATISFACTORY RESULTS BEING OBTAINED. |
| ANHOLE STEPS SHALL BE REQUIRED IN ALL DRAINAGE STRUCTURES DEEPER THAN 4'-0".  |
| CORBELED OR CONICAL RISER SECTIONS AND FLAT SLAB REDUCERS.<br>COUND PRECAST DRAINAGE STRUCTURES OR MANHOLES (WHEN ALLOWED OR SPECIFIED) MAY BE FITTED WITH CONCENTRIC OR ECCENTRIC<br>CONICAL SECTIONS TO REDUCE THEIR DIAMETERS. PROVIDED THE USE OF SUCH DEVICES IS COMPATIBLE WITH THE DRAINAGE SYSTEM DESIGN. THE<br>CONTRACTOR SHALL SUBMIT WORKING DRAWINGS FOR REVIEW AND APPROVAL OF FLAT SLAB REDUCERS FOR ROUND OR RECTANGULAR<br>TRUCTURES. A WALL SECTION WITH A HEIGHT LESS THAN 6" BETWEEN THE TOP OF THE HIGHEST PIPE ENTRY AND THE BOTTOM OF A CONICAL<br>SECTION OR FLAT SLAB REDUCER SHALL NOT BE PERMITTED.  |
| WHEN PIPE LOCATIONS PROVIDE FOR LESS THAN 8" BETWEEN THE TOP OF THE UPPERMOST PIPE AND THE TOP OF THE RISER AND THE<br>TRUCTURE MAY BE SUBJECTED TO HIGHWAY LOADS, CONTACT STRUCTURES DIVISION FOR A SPECIAL DESIGN.  |
| WHEN SITE CONDITIONS REQUIRE A DRAINAGE STRUCTURE TO BE INSTALLED TO A DEPTH GREATER THAN THAT SHOWN IN THE CONTRACT<br>DOCUMENTS, AN INSTALLATION TOLERANCE OF 8" IS PERMITTED WITHOUT REQUIRING AN INCREASE IN WALL THICKNESS OR REINFORCING STEEL AS<br>REQUIRED BY THE DRAINAGE STRUCTURE REINFORCEMENT TABLE.  |
| HE PAY ITEMS FOR DRAINAGE STRUCTURES SPECIFY THE STRUCTURE AND FRAME. DRAINAGE STRUCTURE ITEM NUMBERS:<br>ECTANGULAR DRAINAGE STRUCTURE WITH CONCRETE CAP ITEM 604.32XXYY<br>EE TABLES BELOW FOR XX AND YY CODES. EXAMPLE: 604.0672 - RECTANGULAR STRUCTURE TYPE F WITH VILLAGE STANDARD CAST FRAME.  |
| VILLAGE OF MAMARONECK PRECAST CONCRETE  |

| PREPARED IN THE (NTSDOT ITPE F) VILLAGE OF MAMARONECK, WY 10543 SD-3A          | ILLAGE OF MAMARONECK<br>DARD CONSTRUCTION DETAILS | PRECAST CONCRETE<br>CATCH BASIN WITH TOP SLAB | VILLAGE OF MAMARONECK<br>VILLAGE MUNICIPAL BUILDING<br>169 MT. PLEASANT AVENUE (3RD FLOOR)<br>WESTCHESTER COUNTY |
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| OFFICE OF THE DESIGNED BY ABO DE OUECKED BY ABO DE PHONE: (914) 777-7731 SU-3A | PREPARED IN THE                                   | (NYSDOT TYPE 'F')                             | VILLAGE OF MAMAPONECK NY 10543   |
|  | OFFICE OF THE                                     | DESIGNED BY: ARC, PE CHECKED BY: ARC, PE      |  |
| VILLAGE ENGINEER DRAWN BY: ARC, PE VOM NYSDOT Catch Basin.dwg                  | VILLAGE ENGINEER                                  | DRAWN BY: ARC, PE VOM NYSDOT Catch Basin.dwg  | PAA: (914) ///-//92  |

CONSULTANTS: ARCHITECT: CROZIER-GEDNEY ARCHITECTS, P.C. 41 Elm Place Rye, NY 10580 Tel: (914) 967-6060 Fax: (914) 967-6071 SURVEYOR: TC Merritts Land Surveyors, PC 394 Bedford Rd Pleasantville, NY 10570 Tel: (914) 769-8003 ISSUED: Submission to Village 10/07/2021 WNERSHIP AND USE OF DOCUMENTS UNAUTHORIZED ALTERATIONS AND ADDITIONS TO THIS DRAWING IS A VIOLATION OF SECTION 7209(2) OF THE NEW YORK STATE EDUCATION LAW. No part of these drawings shall be copied, disclosed to others or used in connection with any work or project other than for which they have been prepared without the express written consent of the licensed professional who prepared the document. SEAL: PLLC P.O. Box 843 Ridgefield, CT 06877 Direct Tel. (475) 215-5343 Cell (203) CITY ost Road EER & L<sup>2</sup> SCAPE ALP & LAND Drawing Title: Construction Details Date: June 18, 2021 Dwn. by: alp ID: 1258 E Boston Post Rd Site\_09-29-2021 C-114