

ADS PROPERTIES, LLC CAR WASH

TOWN OF NEWBURGH ORANGE COUNTY, NEW YORK



RATAN NEWBURGH, LLC

95 - 1 - 14.21

GENERAL NOTES TAX MAP DESIGNATION SECTION 95 BLOCK 1 LOT 14.1.

TOTAL AREA OF PARCEL: 27,173± SQ.FT. PROPERTY LIES WITHIN THE INTERCHANGE BUSINESS (IB) ZONING DISTRICT.

PROPERTY LIES WITHIN THE NEWBURGH SCHOOL DISTRICT PROPERTY LIES WITHIN THE ORANGE LAKE FIRE DISTRICT.

PROPOSED PROJECT TO BE SERVED BY CENTRAL WATER AND SEWER FACILITIES.

ALL UTILITY SERVICE TO THE SITE SHALL BE UNDERGROUND.

CONSTRUCTION NOTES

PRIOR TO ANY CONSTRUCTION, CONTRACTOR IS TO CONTACT ALL UTILITY COMPANIES FOR

UTILITY MARK OUTS. CONTRACTOR IS TO ASSUME FULL RESPONSIBILITY FOR MAINTAINING CONTINUOUS UTILITY SERVICE AND REPAIRS TO UTILITIES IN THE EVENT OF DAMAGE. PRIOR TO ANY CONSTRUCTION, CONTRACTOR IS TO FIELD LOCATE AND VERIFY ALL EXISTING

UTILITIES LOCATIONS, ELEVATIONS, INVERTS, ETC. AND NOTIFY THE DESIGN ENGINEER OF ANY DISCREPANCIES ON THIS PLAN. CONTRACTOR IS TO COORDINATE NEW UTILITY SERVICES WITH ALL UTILITY COMPANIES.

CONTRACTOR IS TO BE RESPONSIBLE FOR ALL TRAFFIC MAINTENANCE.

CONTRACTOR IS TO BE RESPONSIBLE FOR ALL PROJECT SAFETY REQUIREMENTS.

TOWN OF NEWBURGH SEWER SYSTEM NOTES

CONSTRUCTION OF SANITARY SEWER FACILITIES AND CONNECTION TO THE TOWN OF NEWBURGH SANITARY SEWER SYSTEM REQUIRES A PERMIT FROM THE TOWN OF NEWBURGH SEWER DEPARTMENT. ALL CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION AND

ALL SEWER PIPE INSTALLATION SHALL BE SUBJECT TO INSPECTION BY THE TOWN OF NEWBURGH SEWER DEPARTMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL INSPECTIONS AS REQUIRED WITH THE TOWN OF

ALL GRAVITY SANITARY SEWER SERVICE LINES SHALL BE 4 INCHES IN DIAMETER OR LARGER AND SHALL BE SDR-35 PVC PIPE CONFORMING TO ASTM D-3034-89. JOINTS SHALL BE PUSH-ON WITH ELASTOMERIC RING GASKET CONFORMING TO ASTM D-3212. FITTINGS SHALL BE AS MANUFACTURED BY THE PIPE SUPPLIER OR EQUAL AND

SHALL HAVE A BELL AND SPIGOT CONFIGURATION COMPATIBLE WITH THE PIPE. THE SEWER MAIN SHALL BE TESTED IN ACCORDANCE WITH TOWN OF NEWBURGH REQUIREMENTS. ALL TESTING SHALL BE COORDINATED WITH THE TOWN OF NEWBURGH SEWER DEPARTMENT.

THE FINAL LAYOUT OF THE PROPOSED WATER AND/OR SEWER CONNECTION, INCLUDING ALL MATERIALS, SIZE AND LOCATION OF SERVICE AND ALL APPURTENANCES, IS SUBJECT TO THE REVIEW AND APPROVAL OF THE TOWN OF

NEWBURGH WATER AND/OR SEWER DEPARTMENT. NO PERMITS SHALL BE ISSUED FOR A WATER AND/OR SEWER CONNECTION UNTIL A FINAL LAYOUT IS APPROVED BY THE RESPECTIVE DEPARTMENT.

TOWN OF NEWBURGH WATER SYSTEM NOTES

CONSTRUCTION OF POTABLE WATER UTILITIES AND CONNECTION TO THE TOWN OF NEWBURGH WATER SYSTEM REQUIRES A PERMIT FROM THE TOWN OF NEWBURGH WATER DEPARTMENT. ALL WORK AND MATERIALS SHALL CONFORM TO THE REQUIREMENTS OF THE NEW YORK STATE DEPARTMENT OF HEALTH AND THE TOWN OF NEWBURGH. ALL WATER SERVICE LINES FOUR (4) INCHES AND LARGER IN DIAMETER SHALL BE CEMENT LINED CLASS 52 DUCTILE IRON PIPE

CONFORMING TO ANSI\AWWA C151\A21.51 FOR DUCTILE IRON PIPE, LATEST REVISION. JOINTS SHALL BE EITHER PUSH-ON OR MECHANICAL JOINT AS REQUIRED.

THRUST RESTRAINT OF THE PIPE SHALL BE THROUGH THE USE OF JOINT RESTRAINT. THRUST BLOCKS ARE NOT ACCEPTABLE. JOINT RESTRAINT SHALL BE THROUGH THE USE OF MECHANICAL JOINT PIPE WITH RETAINER GLANDS. ALL FITTINGS AND VALVES SHALL ALSO BE INSTALLED WITH RETAINER GLANDS FOR JOINT RESTRAINT, RETAINER GLANDS SHALL BE EBBA IRON MEGALUG SERIES 1100 OR APPROVED EQUAL. THE USE OF A MANUFACTURED RESTRAINED JOINT PIPE IS ACCEPTABLE WITH PRIOR APPROVAL OF THE

ALL FITTINGS SHALL BE CAST IRON OR DUCTILE IRON, MECHANICAL JOINT, CLASS 250 AND CONFORM TO ANSI\AWWA C110\A21.10 FOR DUCTILE AND GRAY IRON FITTINGS OR ANSI\AWWA C153\A21.53 FOR DUCTILE IRON COMPACT FITTINGS, LATEST REVISION. ALL VALVES 4 TO 12 INCHES SHALL BE RESILIENT WEDGE GATE VALVES CONFORMING TO ANSI\AWWA C509 SUCH AS MUELLER

MODEL A-2360-23 OR APPROVED EQUAL. ALL GATE VALVES SHALL OPEN LEFT (COUNTERCLOCKWISE). TAPPING SLEEVE SHALL BE MECHANICAL JOINT SUCH AS MUELLER H-615 OR EQUAL. TAPPING VALVÉS 4 TO 12 INCHES SHALL BE RESILIENT WEDGE GATE VALVES CONFORMING TO ANSI\AWWA C509 SUCH AS MUELLER MODEL T-2360-19 OR APPROVED EQUAL. ALL TAPPING SLEEVES AND VALVES SHALL BE TESTED TO 150 PSI MINIMUM; TESTING OF THE TAPPING SLEEVE AND VALVE MUST

BE WITNESSED AND ACCEPTED BY THE TOWN OF NEWBURGH WATER DEPARTMENT PRIOR TO CUTTING INTO THE PIPE. ALL HYDRANTS SHALL BE CLOW-EDDY F-2640 CONFORMING TO AWWA STANDARD C-502, LATEST REVISION. ALL HYDRANTS SHALL INCLUDE A 5 1/4 INCH MAIN VALVE OPENING, TWO 2 1/2 INCH DIAMETER NPT HOSE NOZZLES, ONE 4 INCH NPT STEAMER NOZZLE, A 6 INCH DIAMETER INLET CONNECTION AND A 1 1/2 INCH PENTAGON OPERATING NUT. ALL HYDRANTS SHALL OPEN LEFT (COUNTER-CLOCKWISE). HYDRANTS ON MAINS TO BE DEDICATED TO THE TOWN SHALL BE EQUIPMENT YELLOW. HYDRANTS LOCATED

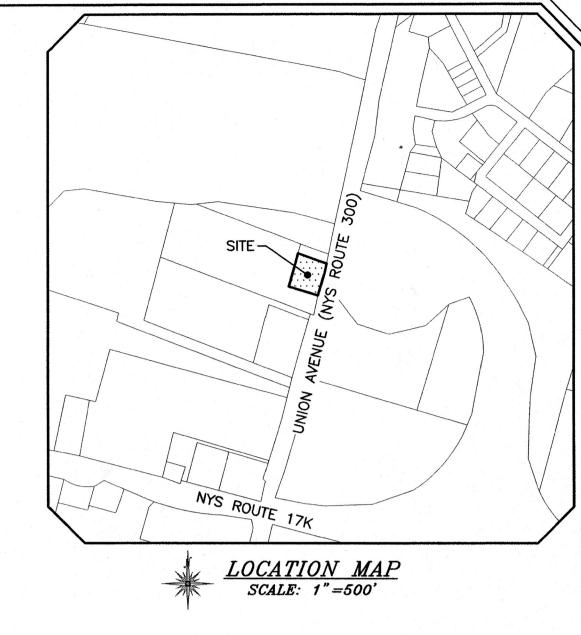
ON PRIVATE PROPERTY SHALL BE RED. ALL WATER SERVICE LINES TWO (2) INCHES IN DIAMETER AND SMALLER SHALL BE TYPE K COPPER TUBING. CORPORATION STOPS SHALL BE MUELLER H-15020N FOR 3/4 AND 1 INCH, MUELLER H-15000N OR B-25000N FOR 1 1/2 AND 2 INCH SIZES. CURB VALVES SHALL BE MUELLER H-1502-2N FOR 3/4 AND 1 INCH AND MUELLER B-25204N FOR 1 1/2 AND 2 INCH SIZES. CURB BOXES SHALL BE MUELLER H-10314N FOR 3/4 AND 1 INCH AND MUELLER H-10310N FOR 1 1/2 AND 2 INCH SIZES.

ALL PIPE INSTALLATION SHALL BE SUBJECT TO INSPECTION BY THE TOWN OF NEWBURGH WATER DEPARTMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL INSPECTIONS AS REQUIRED WITH THE TOWN OF NEWBURGH WATER DEPARTMENT. 10. THE WATER MAIN SHALL BE TESTED, DISINFECTED AND FLUSHED IN ACCORDANCE WITH THE TOWN OF NEWBURGH REQUIREMENTS. ALL TESTING, DISINFECTION AND FLUSHING SHALL BE COORDINATED WITH THE TOWN OF NEWBURGH WATER DEPARTMENT. PRIOR TO PUTTING THE WATER MAIN IN SERVICE SATISFACTORY SANITARY RESULTS FROM A CERTIFIED LAB MUST BE SUBMITTED TO THE TOWN OF NEWBURGH WATER DEPARTMENT. THE TEST SAMPLES MUST BE COLLECTED BY A REPRESENTATIVE OF THE TESTING LABORATORY

AND WITNESSED BY THE WATER DEPARTMENT. 11. THE FINAL LAYOUT OF THE PROPOSED WATER AND/OR SEWER CONNECTION, INCLUDING ALL MATERIALS, SIZE AND LOCATION OF SERVICE AND ALL APPURTENANCES, IS SUBJECT TO THE REVIEW AND APPROVAL OF THE TOWN OF NEWBURGH WATER AND/OR SEWER DEPARTMENT. NO PERMITS SHALL BE ISSUED FOR A WATER AND/OR SEWER CONNECTION UNTIL A FINAL LAYOUT IS APPROVED BY THE RESPECTIVE DEPARTMENT.

RATAN NEWBURGH, LLC - AUTOMATED SERVICE ENTRANCE AND GATES (TYP.) 2 EMPLOYEE PARKING SPACES BUILDING SETBACK LINE 104.2' · A 4. 15.0' DUMPSTER **ENCLOSURE** - PROPOSED AUTOMATED RATAN NEWBURGH. LLC 95 - 1 - 14.21





PLAN INDEX SHEET NO. TITLE SITE PLAN EXISTING CONDITIONS PLAN UTILITY PLAN GRADING PLAN LANDSCAPING & LIGHTING PLAN EROSION CONTROL PLAN

> DETAIL SHEET (1) DETAIL SHEET (2)

> > RECORD OWNER 1295 ROUTE 300 NEWBURGH NY 12550

RECORD APPLICANT ADS PROPERTIES, LLC 1020 DOLSONTOWN ROAD MIDDLETOWN NY 10940

09-07-21 REVISIONS PER TOWN COMMENT LETTERS 3/

BULK REQUIREMENTS ZONE IB (INTERCHANGE BUSINESS DISTRICT)

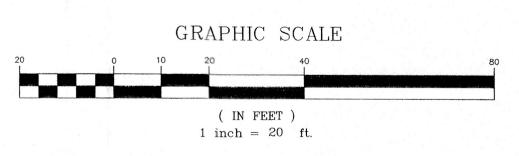
GROUP - CAR WASH	
MIN. REQUIRED	PROVID
40,000	27,173
150	175
150	155
50	104
30	33
80	71**
60	16**
MAX. PERMITTED	PROVID
E (%) 40	13
<i>35</i>	<35
(%) 80	78
	MIN. REQUIRED 40,000 150 150 50 30 80 60 MAX. PERMITTED 7 (%) 40 35

* EXISTING NON-CONFORMITY

** VARIANCES REQUIRED: BOTH SIDE YARDS - 80' REQUIRED - 65' PROPOSED

> REAR YARD - 60' REQUIRED - 10' PROPOSED NOTE: EXISTING STRUCTURE 36.9' FROM REAR PROPERTY LINE

** AREA VARIANCES RECEIVED MAY 27, 2021 LOT AREA - 40,000 SQ.FT. REQUIRED, 27,173 SQ.FT. PROVIDED BOTH SIDE YARDS - 80 FT REQUIRED, 71 FT PROVIDED REAR YARD - 60 FT REQUIRED, 10 FT PROVIDED



03-18-21 MIRRORED LAYOUT 03-08-21 ORIGINAL PREPARATION DAT MAP CHECK DATE: 00/00/00 INITIALED BY: PIETRZAK & PFAU ENGINEERING & SURVEYING, PLLC 262 GREENWICH AVENUE, SUITE A 2 HAMILTON AVENUE GOSHEN, NEW YORK 10924 | MONTICELLO, NEW YORK 12701 (845) 294-0606 (845) 796-4646 JOSEPH J. PPAU PAR NICHAEL F. CREEGAN P.L.S CAR WASH TOWN OF NEWBURGH COUNTY OF ORANGE, NEW YORK PROJECT TITLE

SITE PLAN

SECTION 95 BLOCK 1 LOT 14.1

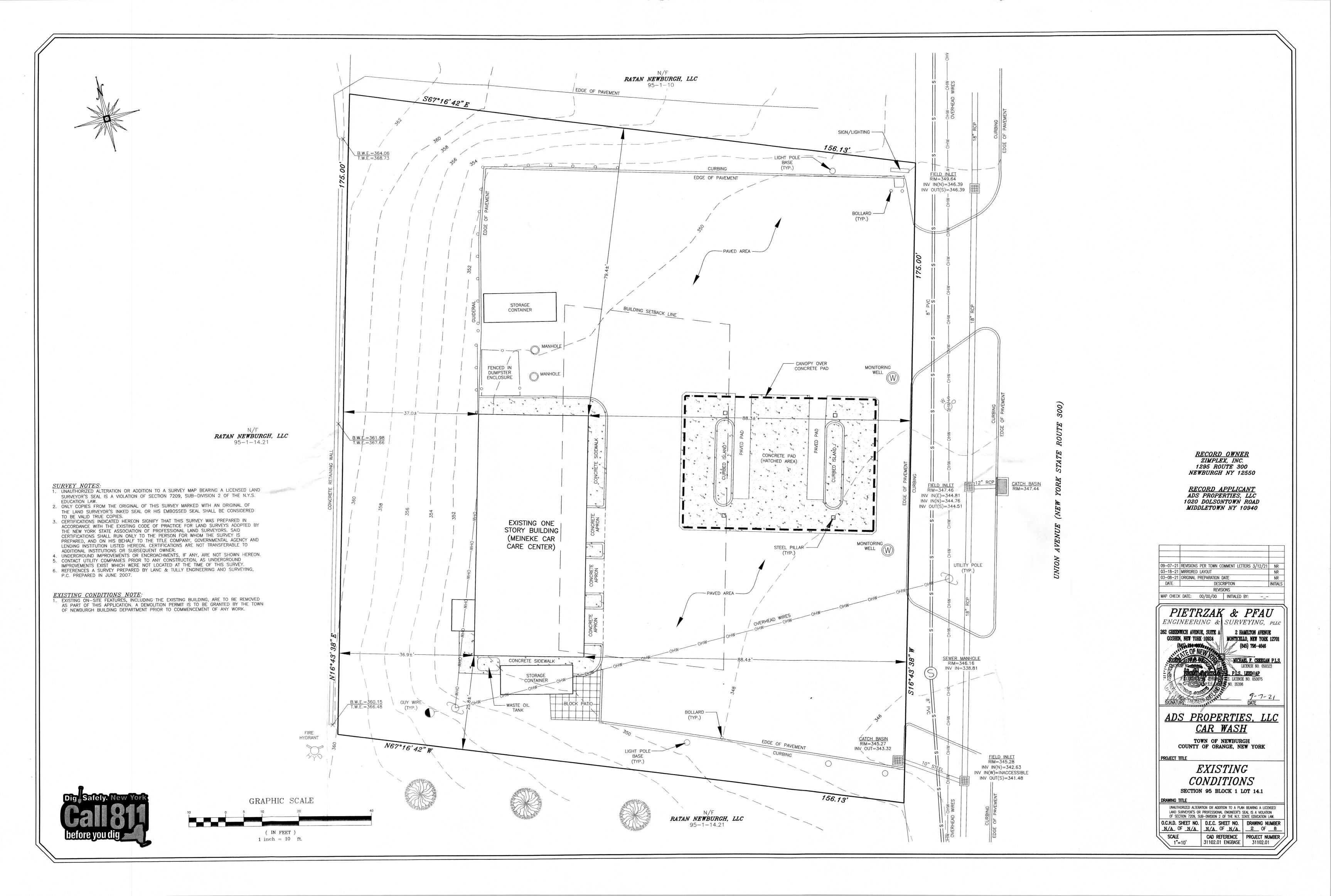
UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED LAND SURVEYOR'S OR PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW

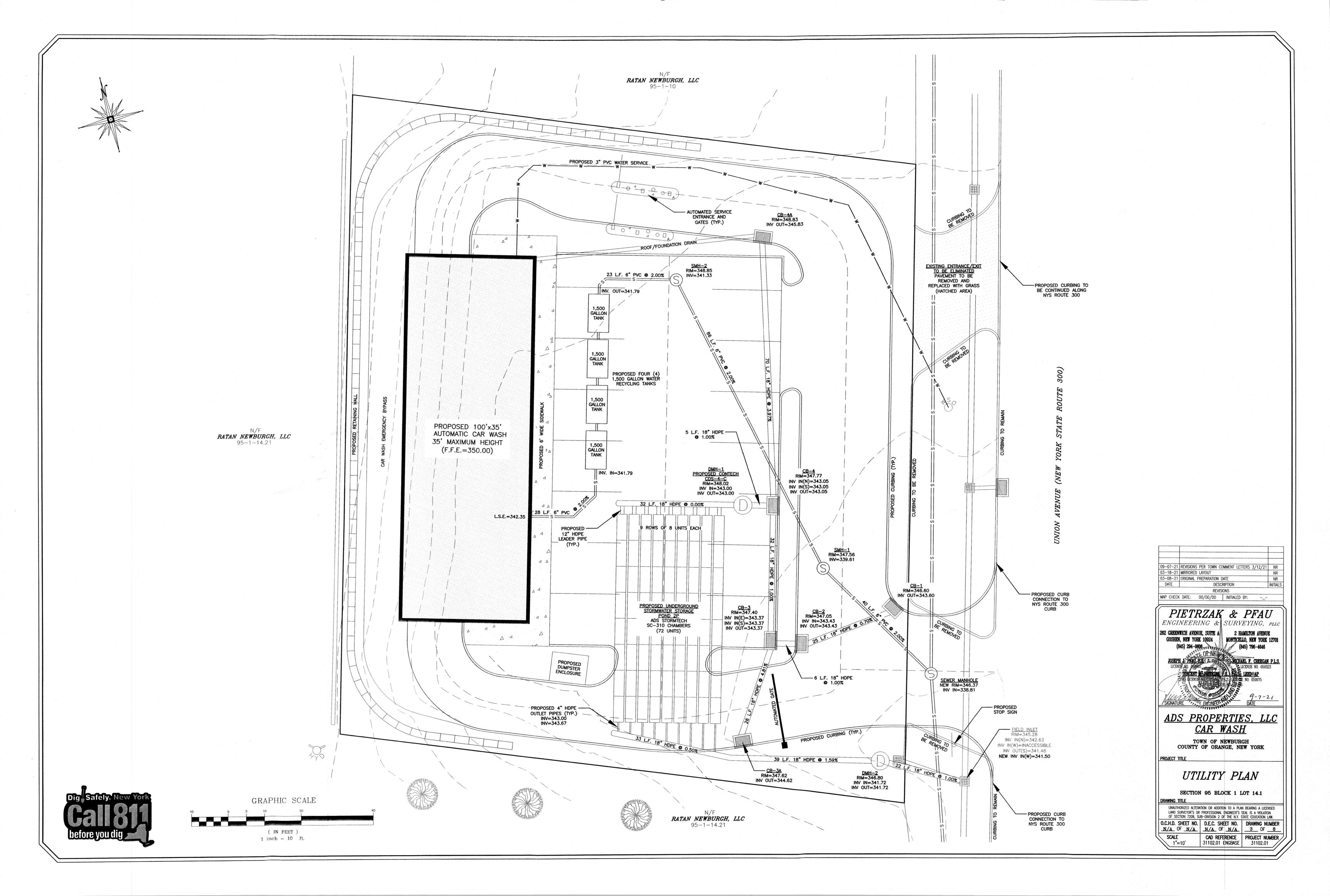
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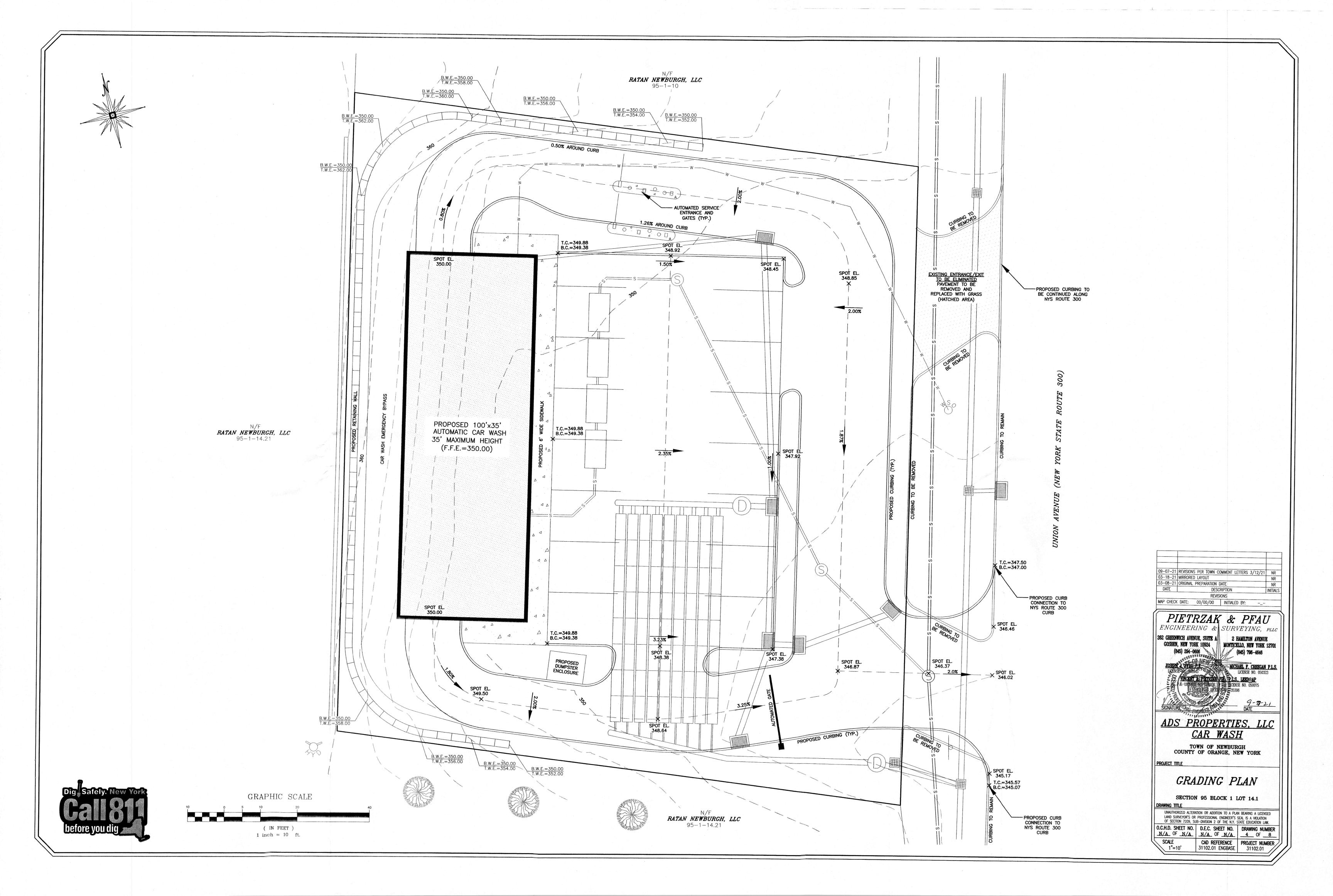
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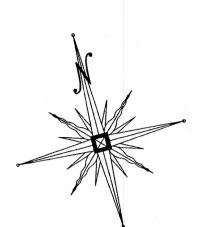
O.C.H.D. SHEET NO. | D.E.C. SHEET NO. | DRAWING NUMBER N/A OF N/A | N/A OF N/A | 1 OF 8

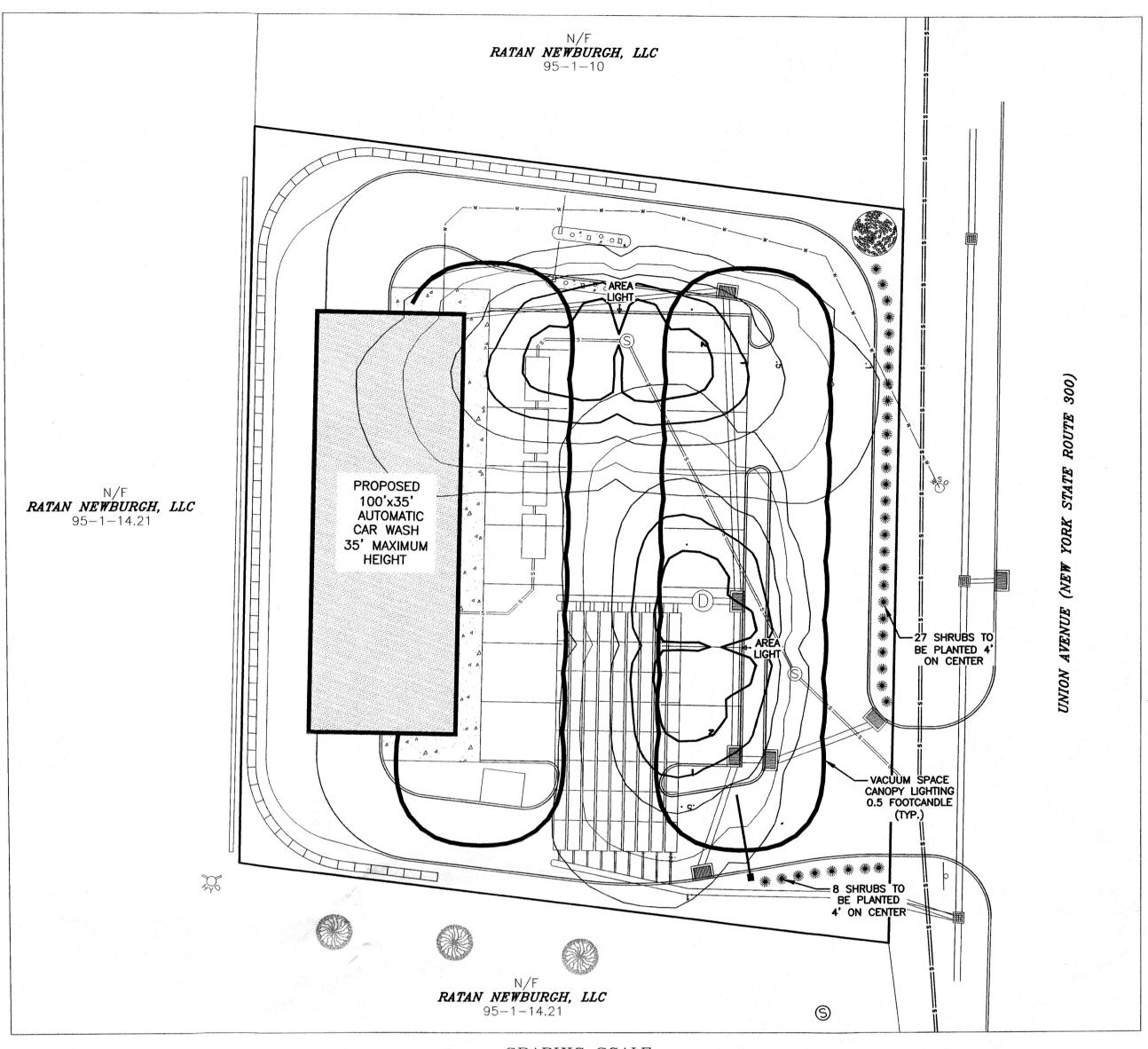


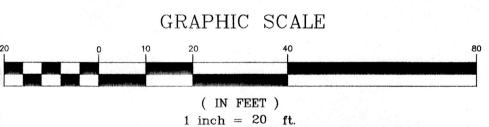


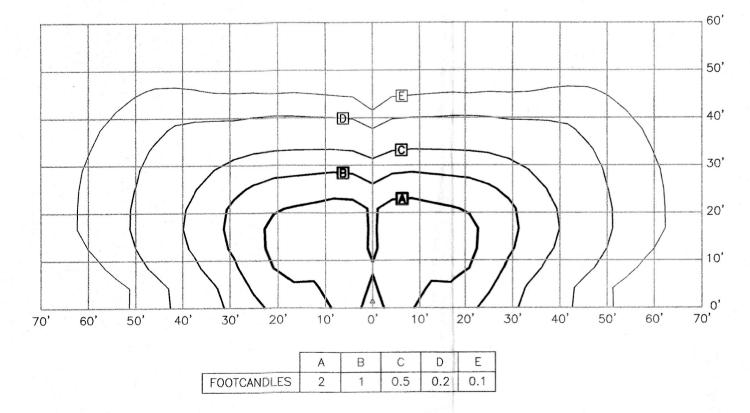










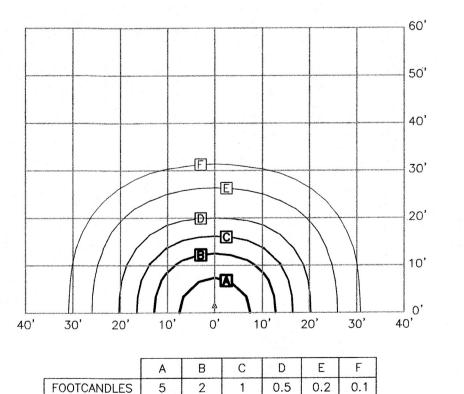


NOTE:

1. TABLE DEPICTS FOOTCANDLE VALUES FOR AREA LIGHT, 69 WATT — 64 LED LAMP MOUNTED AT 20 FEET. MODEL XASU—SS COOL WHITE—HSS AS SUPPLIED BY LSI INDUSTRIES, OR APPROVED EQUAL.

FOOTCANDLE TABLE FOR 69 WATT
AREA LIGHTING

SCALE: 1"=20'



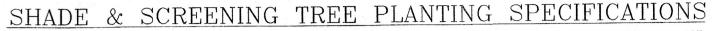
NOTE:

1. TABLE DEPICTS FOOTCANDLE VALUES FOR A PARKING GARAGE LIGHT, 56 WATT — 50 LED LAMP MOUNTED AT 10 FEET. MODEL XPG3—350 mA COOL WHITE—TYPE 5 AS SUPPLIED BY LSI INDUSTRIES, OR APPROVED EQUAL.

FOOTCANDLE TABLE FOR 56 WATT

VACUUM CANOPY LIGHTING

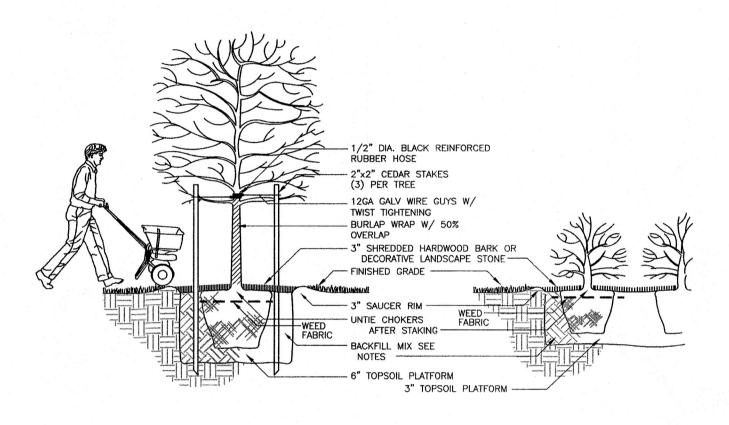
SCALE: 1"=20'



1. TREES SHALL BE BALLED AND BURLAPPED, HARDY AND SUITABLE TO LOCAL SOIL AND CLIMATE, AND SHALL NOT BE LESS THAN TWO AND A HALF INCHES CALIPER MEASURED SIX INCHES ABOVE THE TOP OF THE BALL.

TREES SHOULD BE NURSERY GROWN, AND A NURSERY INSPECTION CERTIFICATE SHOULD BE AVAILABLE COVERING ALL TREES. ALL TREES MUST MEET THE STANDARDS OF THE AMERICAN STANDARD FOR NURSERY STOCK.

- 2. IN GENERAL, EXCAVATIONS FOR PLANTING SHALL BE LARGE ENOUGH TO ACCOMMODATE THE NATURAL SPREAD OF THE ROOT SYSTEM AND AT LEAST TWO TIMES THE WIDTH OF THE BALL OF EARTH SUPPLIED WITH THE TREE. THE PIT SHALL BE ROCK FREE AND REFILLED WITH SEVEN PARTS TOPSOIL AND ONE PART HUMUS AND THE PARENT SOIL DISCARDED. HARDPAN SHALL BE LOOSENED AN ADDITIONAL TWELVE INCHES FROM THE BOTTOM AND SIDE OF PIT. TREES SHALL BE ADEQUATELY FERTILIZED AND WATERED AT THE TIME OF PLANTING AND MULCHED WITH THREE INCHES OF APPROVED MULCH IMMEDIATELY AFTER PLANTING. DO NOT PLACE OR MOUND MULCH AGAINST THE TRUNK OF THE TREE.
- 3. TREES SHALL BE STAKED AND GUYED IMMEDIATELY AFTER PLANTING. TREE STAKES SHOULD NOT BE DRIVEN INTO THE BALL OF THE TREE. STAKES SHOULD BE PLACED OUTSIDE THE TREE BALL AS SHOWN IN THE PLANTING DETAIL. STAKES SHALL BE OF CEDAR OR OAK, EIGHT FEET LONG, NO LESS THAN TWO INCHES IN DIAMETER AND DRIVEN INTO THE TREES ROOT SYSTEM. TREES SHOULD BE GUYED TO THE STAKE USING No. 10 WIRE COVERED WITH RUBBER HOSE OR EQUAL. THE WIRE SHALL BE STAPLED TO THE STAKE IN SUCH A MANNER THAT IT WILL NOT SLIP OR COME INTO CONTACT WITH THE TREE TRUNK. THE TRUNK OF THE TREE SHALL BE PROTECTED WITH TREE WRAPPING PAPER. (AS INDICATED IN THE PLANTING DETAIL)
- 4. REMOVAL OF DEBRIS IS REQUIRED. THE PROPERTY MUST BE LEFT IN A NEAT AND ORDERLY CONDITION IN ACCORDANCE WITH GOOD AND ACCEPTED PLANTING AND TREE SURGERY PRACTICES.
- 5. CONTRACTOR SHALL VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO PLANTING. CONTRACTOR SHALL FIELD ADJUST LOCATION OF SHADE TREES, AS NECESSARY, TO AVOID DAMAGE TO ALL EXISTING UNDERGROUND UTILITIES AND/OR EXISTING ABOVE GROUND ELEMENTS.
- 6. EXISTING VEGETATION AREAS DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE TOPSOILED AND SEEDED UPON COMPLETION OF WORK.
- 7. PLANT MATERIAL SHALL BE GUARANTEED FOR ONE YEAR AFTER FINAL ACCEPTANCE OF PROJECT PLANTING. DEAD, DYING, UNHEALTHY AND/OR PLANTS IN POOR CONDITION SHALL BE REPLACED BY THE CONTRACTOR.
- 8. ALL PLANT MATERIAL ON THIS SHEET AND ALL SHEETS ASSOCIATED WITH THIS DRAWING SET MUST MEET THE STANDARDS SET FORTH IN THE LATEST EDITION OF THE AMERICAN NURSERYMAN'S STANDARDS FOR NURSERY STOCK



TREE AND SHRUB PLANTING DETAIL

PLANTING NOTES

- 1. ALL EXISTING TREES AND SHRUBS TO REMAIN SHALL BE PRUNED TO REMOVE DEAD OR DYING BRANCHES. SHRUBS AND TREES SHALL BE PRUNED IN ACCORDANCE WITH ACCEPTED HORTICULTURAL PRACTICES FOR THE SPECIE OF PLANT BEING
- 2. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO EXCAVATING FOR PLANTING WORK.

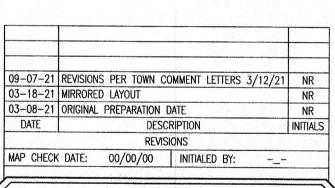
 CONTRACTOR MUST REQUEST FIELD LOCATIONS FROM THE VARIOUS UTILITY COMPANIES PRIOR TO BEGINNING THE WORK.
- 3. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES AND REGULATIONS, INCLUDING LOCAL ORDINANCES GOVERNING THE
- 4. THIS LANDSCAPE PLAN DOES NOT CONTAIN OR IMPLY ANY PROVISIONS FOR CONTRACTORS, LABORERS', OR TRANSIENTS' SAFETY OR SECURITY, WHICH IS THE SOLE RESPONSIBILITY OF CONTRACTORS, OWNERS AND OPERATORS.
- 5. PROVIDE AMENDED TOPSOIL BACKFILL FOR ALL NEWLY PLANTED MATERIAL. TOPSOIL FOR BACKFILL SHALL COMPLY WITH THE FOLLOWING SPECIFICATIONS: ORGANIC MATTER CONTENT MIN. 5 % pH RANGE 5.0 TO 6.5 CLASSIFICATION SANDY LOAM OR LOAM AGGREGATE FREE OF STONES 1/2" OR GREATER
- 6. BACKFILL MIXTURE FOR DECIDUOUS TREES AND SHRUBS SHALL BE AMENDED AS FOLLOWS: 1 PART APPROVED TOPSOIL TO 2 PARTS ROTTED LEAF COMPOST OR PEAT MOSS, THOROUGHLY MIXED.
- 7. BACKFILL MIXTURE FOR EVERGREEN TREES AND SHRUBS SHALL BE AMENDED AS FOLLOWS: 1 PART APPROVED TOPSOIL TO 3 PARTS ROTTED LEAF COMPOST OR PEAT MOSS, THOROUGHLY MIXED.
- 8. COMMERCIAL FERTILIZER SHALL BE ADDED TO THE BACKFILL MIXTURE IN COMPLIANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. COMMERCIAL FERTILIZER FOR ALL TREES AND SHRUBS SHALL BE HIGH PHOSPHOROUS FERTILIZER WITH AN EQUIVALENT RATING OF 5 10- 5 (NITROGEN, PHOSPHOROUS AND POTASSIUM). EVERGREEN TREES AND SHRUBS TOPDRESS WITH A HIGH NITROGEN GRANULAR FERTILIZER SUCH AS HOLLYTONE, OR APPROVED EQUAL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. FOR DECIDUOUS TREES AND SHRUBS, TOPDRESS WITH A HIGH PHOSPHOROUS GRANULAR FERTILIZER, SUCH AS 5 10 5, COMPLETE GARDEN FERTILIZER, IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- 9. ALL PLANT MATERIAL SHALL BE THOROUGHLY WATERED IN DURING BACKFILLING AND AFTER PLANTING/MULCHING HAS BEEN COMPLETED.
- 10. PLANT BEDS, HEDGES, GROUPINGS, ETC. SHALL BE UNIFORMLY MULCHED OVER THE ENTIRE BED AREA WITH 3" THICK DOUBLE SHREDDED OAK BARK MULCH, BLACK IN COLOR. PALETTE MULCH OR OTHER SHREDDED WOOD MULCH IS NOT ACCEPTABLE. MULCH SHALL BE FEATHERED OUT AND NOT PLACED AGAINST THE PLANT
- 12. ALL BED LINES SHALL BE SMOOTHLY AND UNIFORMLY DEFINED WITH A GARDEN SPADE.
- 13. ALL SPECIMEN ORNAMENTALS, DECIDUOUS TREES, AND EVERGREEN TREES SHALL BE INSPECTED BY THE LANDSCAPE CONTRACTOR OR THE LANDSCAPE ARCHITECT OR ENGINEER FOR COMPLIANCE WITH THE PLANT LIST
- 14. ALL PLANT MATERIAL SHALL BE HIGH QUALITY, SPECIMEN GRADE MATERIAL, IN VIGOROUS HEALTHY CONDITION. REFERENCED STANDARD FOR PLANT MATERIAL SHALL BE AMERICAN STANDARD FOR NURSERY STOCK, PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, WASHINGTON, D.C.
- 15. LANDSCAPE CONTRACTORS: LANDSCAPE MATERIALS SHALL BE INSTALLED BY LOCAL COMPANIES FAMILIAR WITH CONDITIONS IN THIS AREA THAT EMPLOY NYS CERTIFIED NURSERY PROFESSIONALS

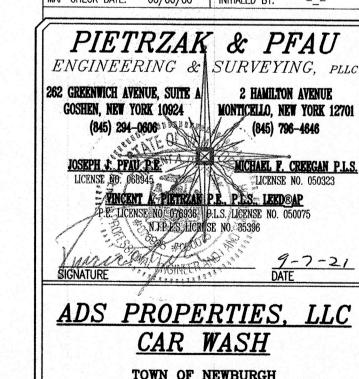
TOPSOIL & SEEDING NOTES

- 1. AREAS DESIGNATED TO BE TOPSOILED AND SEEDED SHALL BE TREATED AS FOLLOWS:
- 2. ESTABLISH SUBGRADE TO A SMOOTH, UNIFORM SURFACE ELEVATION 4 INCHES BELOW FINISHED GRADE.
- 3. REMOVE ALL SURFACE STONES 2' OR GREATER FROM THE TOP 2' OF THE SUBGRADE.
- 4. SPREAD HIGH PHOSPHOROUS GRANULAR FERTILIZER OVER THE SUBGRADE AT A RATE OF 5 POUNDS PER 1000 SQUARE FEET.
- 5. SPREAD APPROVED TOPSOIL OVER THE ENTIRE AREA TO A UNIFORM 4" DEPTH (MINIMUM), TO THE REQUIRED FINISHED GRADE ELEVATIONS. REMOVE ALL STONES 3/4" DIA. OR GREATER FROM THE ENTIRE DEPTH OF TOPSOIL. APPLY PULVERIZED LIMESTONE TO THE TOPSOIL AT A RATE DETERMINED BY SOIL TESTING TO MEET REQUIRED PH REQUIREMENTS.
- 6. SPREAD HIGH NITROGEN FERTILIZER (20 10 10) OVER THE ENTIRE AREA AND RAKE INTO THE TOP 1" OF SOIL, AT A RATE OF 3 POUNDS PER 1000 SQUARE FEET.
- 7. SPREAD SEED MIXTURE UNIFORMLY OVER THE ENTIRE AREA AT A RATE OF 4 POUNDS PER 1000 SQUARE FEET. LIGHTLY RAKE SEED INTO THE TOP 1/4" OF SOIL. MIST THE ENTIRE SEED BED THOROUGHLY WITH CARE NOT TO CREATE EROSION OF SEEDBED.
- 8. STRAW MULCH (UNIFORMLY BLOWN ON) TO A 1/2" BLANKET AND IMMEDIATELY WATER THE MULCH BLANKET.
- 9. TOPSOIL SHALL BE AS SPECIFIED UNDER PLANTING NOTES.
- 10. SEED MIXTURE SHALL BE AS FOLLOWS:
- 11. 20% APPROVED VARIETY OF KENTUCKY BLUEGRASS 20% FINE BLADED, TURF TYPE, TALL FESCUE 30% APPROVED VARIETY OF PERENNIAL RYE GRASS 30% CREEPING RED FESCUE.
- 12. CONTRACTOR SHALL SUBMIT SEED CERTIFICATION PRIOR TO SEEDING.

DECIL	OUOUS	SHRUBS			
KEY	QTY.	BOTANICAL NAME	COMMON NAME	MIN. SIZE	REMARKS
*	35	BUXUS (GREEN GEM)	GREEN GEM BOXWOOD	15" - 24"	CONTAINER
<u>DECI1</u>	DUOUS	TREES			
KEY	QTY.	BOTANICAL NAME	COMMON NAME	MIN. SIZE	REMARKS
	1	ZELKOVA SERRATA	JAPANESE ZELKOVA	1 1/2" TO 3" C	В & В

THE LANDSCAPING VEGETATION SPECIES SPECIFIED MAY BE MIXED AND MATCHED AT THE LANDSCAPE
ARCHITECT OR LANDSCAPER'S DISCRETION, SO LONG AS THE QUANTITY OF VEGETATION SHOWN IS MET.
 THE TREE SPECIES PROVIDED SHALL BE LIMITED TO A MAXIMUM GROWTH HEIGHT OF 20 TO 25 FEET.





TOWN OF NEWBURGH
COUNTY OF ORANGE, NEW YORK
PROJECT TITLE

LANDSCAPING & LIGHTING PLAN

UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED LAND SURVEYOR'S OR PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW.

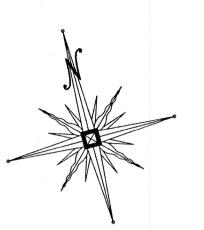
O.C.H.D. SHEET NO. D.E.C. SHEET NO. DRAWING NUMBER 15 OF N/A OF N/A OF N/A 5 OF B

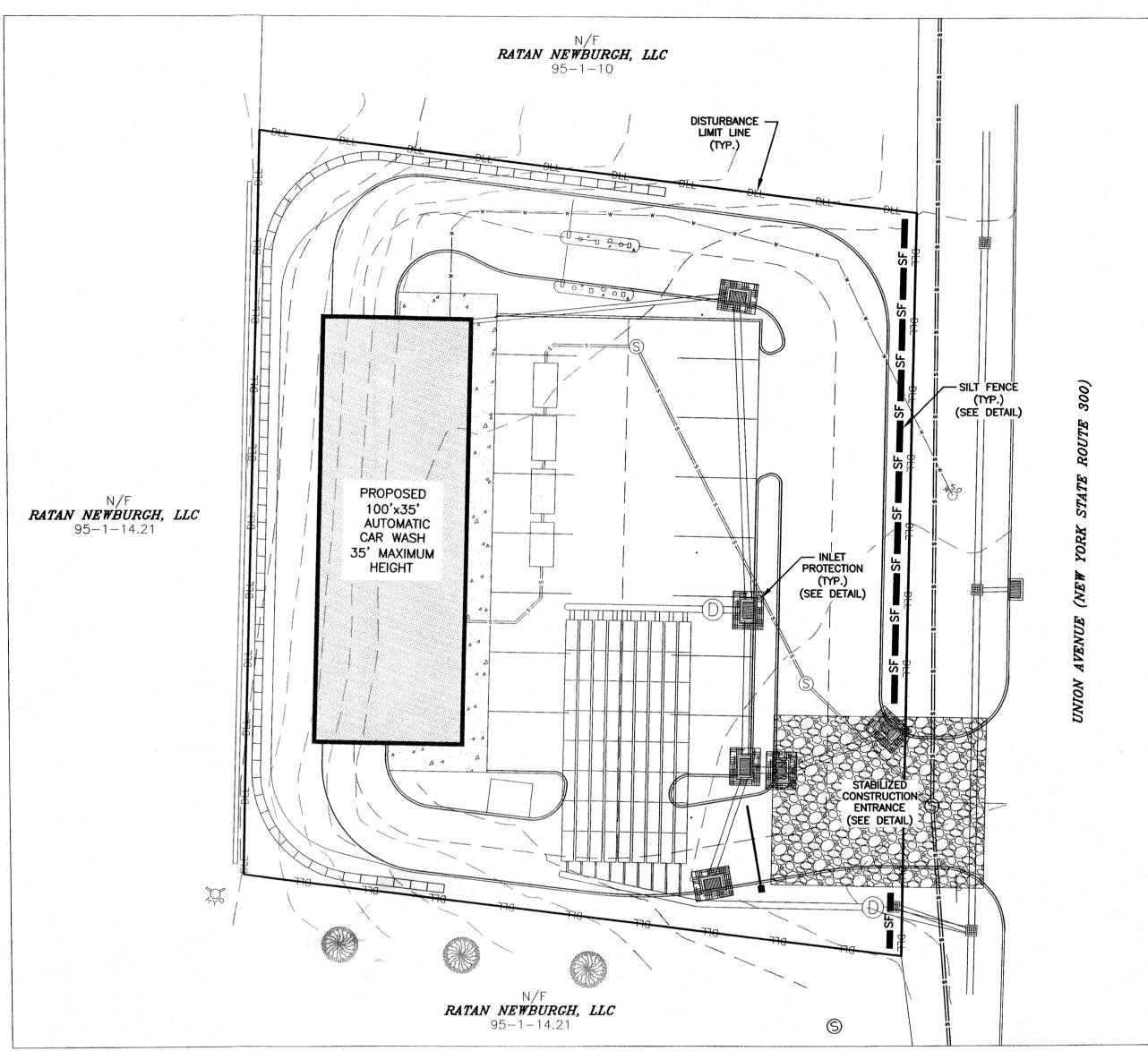
SCALE CAD REFERENCE PROJECT NUMBER

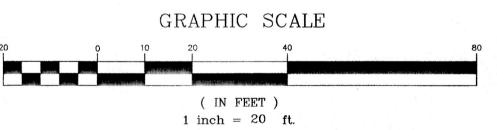
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SECTION 95 BLOCK 1 LOT 14.1





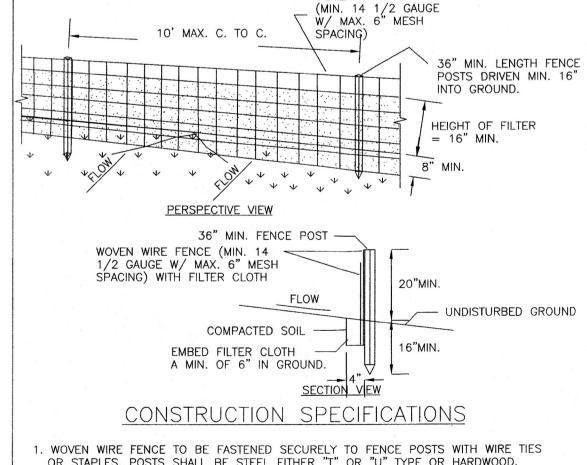




50' FOR INDIVIDUAL LOTS 100' FOR COUNTY ENTRANCE PAVEMENT ∠ MOUNTABLE BERM FILTER -(OPTIONAL) GROUND 10'MIN. **EXISTING** GROUND 12'MIN (LOTS) 12'MIN. EXISTING 40' MIN COUNTY. PAVEMENT PLAN VIEW 10'MIN.

CONSTRUCTION SPECIFICATIONS

- 1. STONE SIZE USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT. 2. LENGTH - NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
- 3. THICKNESS NOT LESS THAN SIX (6) INCHES. 4. WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
- 5. FILTER CLOTH WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING
- 6. SURFACE WATER ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CON-STRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
- 7. MAINTENANCE THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS—OF—WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACTED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.



WOVEN WIRE FENCE

OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD. 2. FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE

- FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 12 1/2 GAUGE, 6" MAXIMUM MESH OPENING. . WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER-LAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X,
- MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUIVALENT. 4. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.
- . MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION NEW YORK STATE SOIL & WATER CONSERVATION COMMITTEE

SILT FENCE

EROSION CONTROL SEQUENCE

MEASURES SHALL BE TAKEN TO PREVENT SOIL EROSION DURING PROJECT CONSTRUCTION. ALL FRESHLY DISTURBED AREAS THAT WILL REMAIN DISTURBED FOR MORE THAN A PERIOD OF FOURTEEN (14) DAYS SHALL BE STABILIZED BY TEMPORARY SEEDING AS INDICATED ON THE TEMPORARY SEEDING SCHEDULE. DISTURBED AREAS SHALL BE MINIMAL IN SIZE AND SHALL NOT EXCEED THE APPROVED CLEARING AND GRADING LIMITS. THE FOLLOWING MEASURES SHALL BE IMPLEMENTED AS CONSTRUCTION PROGRESSES.

- A. PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES, THE LIMITS OF CLEARING AND GRADING SHALL BE MARKED. FILTER FABRIC SEDIMENTATION BARRIERS (SILT FENCE) SHALL BE PLACED ALONG THE DOWNGRADE PERIMETER OF THE SITE AND ANY OTHER AREAS WHERE SILT FENCE IS INDICATED AS TO BE INSTALLED "PRIOR TO CONSTRUCTION" ON THE APPROVED PLANS. INSTALLATION IS TO BEGIN AT THE DOWNSTREAM PORTIONS OF THE SITE THEN WORKING UPSTREAM.
- B. STABILIZED CONSTRUCTION ENTRANCES SHALL BE BUILT IN THE AREAS SHOWN ON THE APPROVED PLANS AND WHEREVER A CONSTRUCTION ACCESS ROAD INTERSECTS ANY PUBLIC THOROUGHFARE. STABILIZED ENTRANCES SHALL BE BUILT IN ACCORDANCE WITH THE STABILIZED CONSTRUCTION ENTRANCE DETAIL.
- UPON COMPLETION OF CLEARING AND GRUBBING ACTIVITIES, TOPSOIL SHALL BE STRIPPED AND STOCKPILED FROM ALL AREAS TO BE DISTURBED. STOCKPILED TOPSOIL SHALL BE STABILIZED BY TEMPORARY SEEDING AND SURROUNDED WITH A PERIMETER SILT FENCE.
- TEMPORARY EROSION CONTROL DEVICES SHALL BE INSTALLED PRIOR O COMMENCING EARTH MOVING ACTIVITIES. THIS INCLUDES SEDIMENTATION TRAPS, TYPE "B" DIVERSION SWALES (WITH CHECK DAMS IF APPLICABLE) AND SILT FENCE IN AREAS NOT DESIGNATED TO BE GRADED. INSTALLATION SHALL BEGIN AT DOWNSTREAM PORTIONS OF THE SITE THEN WORKING UPSTREAM.

MAINTENANCE REQUIREMENTS

- THE MAINTENANCE OF EROSION CONTROL DEVICES WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE JOB SUPERINTENDENT WILL MONITOR THE CONDITION OF ALL THE DEVICES, CLEAN OR REPLACE STRUCTURES AS CLIMATIC CONDITIONS REQUIRE. THE DEVELOPER WILL ALSO BE SUBJECT TO THE DIRECTIVE OF THE DESIGN ENGINEER AND TOWN REPRESENTATIVES TO INCLUDE TOWN ENGINEER, HIGHWAY SUPERINTENDENT AND BUILDING INSPECTOR.
- GENERAL CONTRACTOR AND ALL CONTRACTORS SHALL PERFORM ALL WORK IN ACCORDANCE WITH THE APPROVED PLANS AND MAY BE SUBJECT TO ADDITIONAL EROSION CONTROL REQUIRE-MENTS AS CONDITIONS MAY ARISE IN THE FIELD OR AS DIRECTED BY THE DESIGN ENGINEER.
- THE CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL DEVICES IN ACCORDANCE WITH THE APPROVED PLANS, MANUFACTURER'S RECOMMENDATIONS AS DIRECTED BY THE DESIGN ENGINEER AND TOWN REPRESENTATIVES INCLUDING TOWN ENGINEER, HIGHWAY SUPERINTENDENT AND BUILDING
- NO EROSION CONTROL STRUCTURES SHALL BE REMOVED UNTIL ALL WORK UPSTREAM THEREFROM HAS BEEN COM-PLETED, INCLUDING STABILIZATION AND APPROVED BY THE DESIGN ENGINEER AND TOWN REPRESENTATIVES.
- CONSTRUCTION ACTIVITIES TO BE LIMITED TO THE PERIOD OF 7:00 AM TO 7:00 PM. - ALL CONSTRUCTION EQUIPMENT SHALL HAVE PROPERLY SIZED
- MAINTAINED MUFFLERS. - ALL CONSTRUCTION EQUIPMENT SHALL BE TURNED OFF WHEN NOT IN USE.

GENERAL EROSION CONTROL NOTES FILTER FABRIC IS TO BE MIRAFI 140 AS MANUFACTURED BY THE

- CELANESE CORPORATION OR APPROVED EQUAL. WHEREVER FEASIBLE, NATURAL VEGETATION SHOULD BE RETAINED
- ONLY THE SMALLEST PRACTICAL AREA OF LAND SHOULD BE EX-POSED AT ANY ONE TIME DURING DEVELOPMENT.
- WHEN LAND IS EXPOSED DURING DEVELOPMENT, THE EXPOSURE SHALL BE KEPT TO THE SHORTEST PRACTICAL PERIOD OF TIME. ALL WORK SHALL BE IN ACCORDANCE WITH ALL OF THE ATTACHED

E. IMMEDIATELY AFTER COMPLETION OF ROUGH GRADING, REMAINING TEMPORARY EROSION CONTROL SHALL BE INSTALLED AS SPECIFIED ON THE APPROVED PLANS. THIS INCLUDES ANY REMAINING SILT FENCE AND TYPE "A" DIVERSION SWALES (WITH CHECK DAMS IF APPLICABLE). AREAS NOT REQUIRING FURTHER EARTHWORK SHALL

- BE FINE GRADED, TOPSOILED, AND STABILIZED AS EARLY AS POSSIBLE. F. ANY PROPOSED STORM DRAINAGE SHALL BE INSTALLED AND INCORPORATED INTO EROSION CONTROL AS SPECIFIED ON THE APPROVED PLANS. STORM DRAINAGE COMPONENTS SHALL BE
- G. UPON COMPLETION OF CONSTRUCTION ACTIVITIES, REMAINING AREAS SHALL BE FINE GRADED, TOPSOILED, AND STABILIZED. PERMANENT VEGETATION AND LANDSCAPING SHALL BE ESTABLISHED.

PROTECTED FROM SILTATION AS INDICATED.

- TEMPORARY EROSION CONTROL DEVICES SHALL BE REMOVED ONCE UPSTREAM AREAS HAVE BEEN PERMANENTLY STABILIZED. REMOVAL OF TEMPORARY EROSION CONTROL DEVICES SHALL BEGIN WITH THE MOST UPSTREAM PORTIONS OF THE SITE THEN WORKING DOWNSTREAM.
- ALL NEWLY SEEDED VEGETATIVE COVER SHALL BE MAINTAINED. WASHOUTS OR POORLY GROWING AREAS SHALL BE CORRECTED

STREAMS, DRAINAGE SWALES <u>AND EMBANKMENTS</u>

ALL CONSTRUCTION ACTIVITIES IN OR EXISTING AROUND DRAINAGE SWALES OR WETLANDS ARE TO BE PROVIDED WITH TEMPORARY EROSION CONTROL STRUCTURES AS SHOWN IN DETAIL, LOCATED IMMEDIATELY DOWNSTREAM FROM SUCH ACTIVITY. THESE STRUCTURES ARE TO BE IN PLACE AS SHOWN PRIOR TO THE START OF ANY UP-STREAM CONSTRUCTION ACTIVITY.

- CONSTRUCTION EQUIPMENT SHALL NOT UNNECESSARILY CROSS LIVE STREAMS OR DRAINAGE SWALES EXCEPT BY MEANS OF BRIDGES AND CULVERTS OR OTHER APPROVED METHODS.
- ALL EMBANKMENTS TO BE GRADED AND SEEDED IMMEDIATELY UPON
- STABILIZATION OF THE SWALES WILL INCLUDE SEEDING AND STRAW MULCH ON SLOPES LESS THAN 5% AND JUTE NETTING OR EQUAL ON SLOPES EXCEEDING 5%.
- TOPSOIL AND/OR EARTH STOCKPILE SHALL BE LOCATED OUTSIDE OF EXISTING DRAINAGE SWALES, WETLANDS AND ADJACENT AREAS. SILT FENCES WILL BE PLACED ALONG THE TOE OF THE PILES AND THESE PILES SHALL RECEIVE TEMPORARY SEEDING.

SLOPE STABILIZATION, SEEDING METHOD & MULCHING

SLOPES OF 4:1 OR GREATER (HORIZONTAL: VERTICAL) -SLOPES SHALL BE HYDROSEEDED WITH THE MIXTURES AND RATES INDICATED IN THE PERMANENT SEEDING MIXTURE SCHEDULE. STRAW OR HAY MULCH SHALL BE APPLIED AT A RATE OF 2000 LBS/ACRE. STRAW OR HAY MULCH SHALL BE ANCHORED WITH BIOD-Mesh60 NETTING AS MANUFACTURED BY ROLANKA INTERNATIONAL OR APPROVED EQUIVALENT. NETTING TO BE INSTALLED PER MANUFACTURER SPECIFICATIONS.

GENTLE SLOPES AND FLAT AREAS -AREAS SHALL BE SEEDED BY HYDROSEEDING OR BROADCASTING WITH THE MIXTURES AND RATES INDICATED ON THE PERMANENT SEEDING MIXTURE SCHEDULE. HYDROSEEDED AREAS SHALL BE MULCHED WITH A WOOD FIBER MULCH APPLIED AT A RATE OF 500 LBS/ACRE BROADCAST AREAS SHALL MULCHED WITH HAY OR STRAW AT A RATE OF 2000 LBS/ACRE. AREAS SEEDED BY BROADCASTING SHALL BE LIGHTLY

RAKED AND PACKED PRIOR TO PLACING MULCH

TEMPORARY SEEDING SPECIFICATIONS

-SCARIFY SOILS IF COMPACTED -LIME TO pH OF 6.0 IF REQUIRED

-FERTILIZE WITH 600 LBS/ACRE 5-10-10 FERTILIZER IF REQ.. -SEED WITH SPECIES AND RATE SHOWN BELOW -MULCH WITH HAY OR STRAW AT A RATE OF 2000 LBS/ACRE.

STEEP SLOPE OR HIGH POTENTIAL FOR EROSION.

ANCHOR MULCH WITH NETTING OF WOOD FIBER OR JUTE IF

APPLICATION RATE

RYEGRASS (ANNUAL OR PERENNIAL) 30 LBS/ACRE (USE WINTER RYE IF SEEDING IN OCT./NOV.) (0.7 LBS/1000 SF)

PERMANENT SEEDING MIXTURES

MODERATE TO STEEP SLOPES AND LOW MAINTENANCE AREAS

SPECIES APPLICATION RATE 8 LBS/ACRE

EMPIRE BIRDSFOOT TREFOIL TALL FESCUE 20 LBS/ACRE RYEGRASS 5 LBS/ACRE

GENERAL RECREATION AREAS AND LAWNS

SPECIES APPLICATION RATE

SUNNY SITES (WELL, MODERATELY WELL AND SOMEWHAT POORLY DRAINED SOILS)

65% KENTUCKY BLUEGRASS BLEND 85-114 LBS/ACRE 20% PERENNIAL RYEGRASS 26-35 LBS/ACRE 15% FINE FESCUE 19-26 LBS/ACRE

SUNNY DROUGHTY SITES (SOMEWHAT EXCESSIVELY TO EXCESSIVELY DRAINED SOILS)

65% FINE FESCUE 114-143 LBS/ACRE 15% PERENNIAL RYEGRASS

26-33 LBS/ACRE 20% KENTUCKY BLUEGRASS BLEND 35-44 LBS/ACRE

SHADY DRY SITES (WELL TO SOMEWHAT POORLY DRAINED SOILS) 80% SHADE TOLERANT KENTUCKY

BLUEGRASS BLEND 105-138 LBS/ACRE 20% PERENNIAL RYEGRASS 25-37 LBS/ACRE

SHADY WET SITES (SOMEWHAT POOR TO POORLY DRAINED SOILS)

70% ROUGH BLUEGRASS 60-91 LBS/ACRE 80% SHADE TOLERANT KENTUCKY 25-39 LBS/ACRE BLUEGRASS BLEND

SEEDBED PREPARATION & AMENDMENTS

MODERATE TO STEEP SLOPES AND LOW MAINTENANCE AREAS

-SCARIFY SOIL TO DEPTH OF 4" TO 6" IF COMPACTED.

-REMOVED LARGE STONES AND STUMPS ALLOWING ROCKS, ROOTS CLODS AND OTHER NATURAL DEBRIS TO REMAIN.

-ROUGHEN SLOPE FACES BY MAKING GROVES 2"-3" DEEP, PERPENDICULAR TO THE SLOPE WITH DISK OR YORK RAKE.

-LIME AS REQUIRED TO ACHIEVE A pH OF 6.0.

-FERTILIZE AT A RATE OF 600 LBS/ACRE OF 5-10-10 FERTILIZER OR AS RECOMMENDED BY SOIL TESTS.

-INCORPORATE LIME AND FERTILIZER INTO TOP 4" OF SOIL BY ROUGHENING.

GENERAL RECREATION AREAS AND LAWNS

-PLACE TOPSOIL TO A MINIMUM DEPTH OF 4" -SCARIFY SOIL TO A DEPTH OF 4"-6" IF COMPACTED

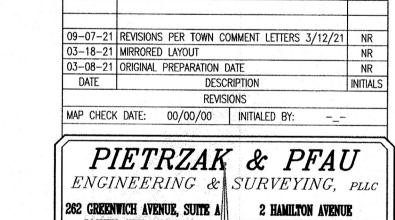
-REMOVE ALL STONES OVER 1" IN DIAMETER, STICKS AND FOREIGN MATTER FROM THE SURFACE. -LIME AS REQUIRED TO ACHIEVE A pH OF 6.5.

-FERTILIZE AT A RATE OF 850 LBS/ACRE OF 5-10-10 OR EQUIVALENT

FERTILIZER OR AS RECOMMENDED BY SOIL TESTS.

-INCORPORATE LIME AND FERTILIZER INTO TOP 2"-4" OF TOPSOIL.

-SMOOTH AND FIRM THE SEEDBED.



GOSHEN, NEW YORK 10924 MONTICELLO, NEW YORK 1270 (845) 294-0606 (845) 796-4646 MICHAEL P. CREEGAN P.L.S LICENSE NO. 050323

VINCENT A PIETRZAK P.E. P.LS., LEED®AP ELICENSE NO. 076936 P.L.S. LICENSE NO. 050075

ADS PROPERTIES, LLC CAR WASH

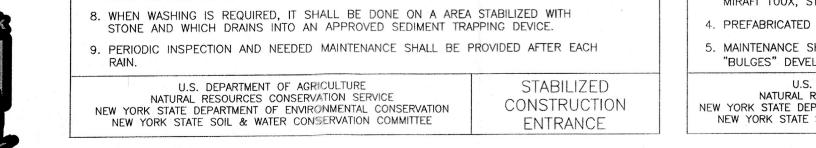
TOWN OF NEWBURGH

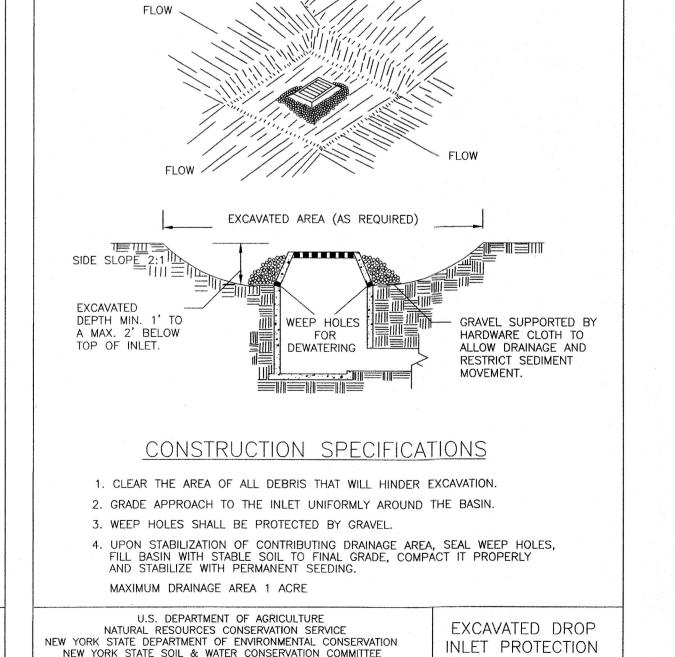
COUNTY OF ORANGE, NEW YORK PROJECT TITLE

> **EROSION** CONTROL PLAN SECTION 95 BLOCK 1 LOT 14.1

UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED LAND SURVEYOR'S OR PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW. O.C.H.D. SHEET NO. | D.E.C. SHEET NO. | DRAWING NUMBER N/A OF N/A N/A OF N/A 6 OF 8

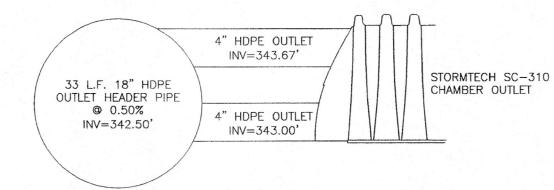
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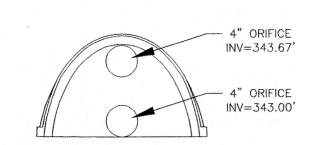




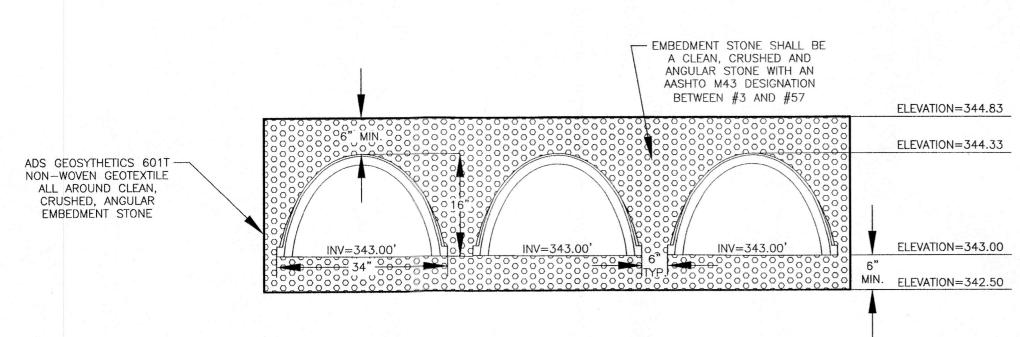
STORMTECH SC-310 CHAMBER INLET END SECTION



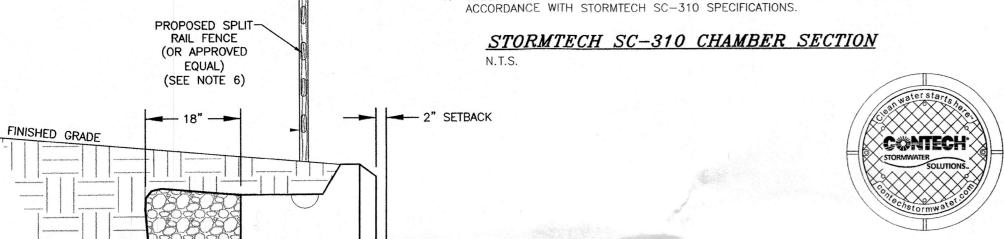
STORMTECH SC-310 CHAMBER OUTLET



STORMTECH SC-310 CHAMBER OUTLET END SECTION



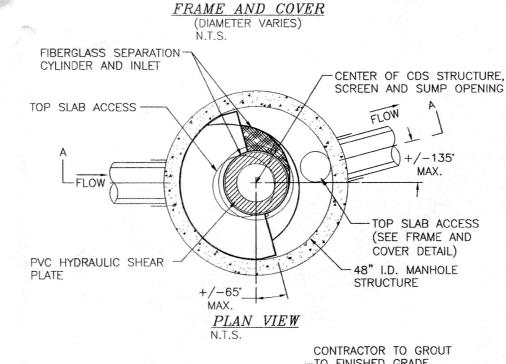
1. UNDERGROUND STORMWATER STORAGE CHAMBERS ARE TO BE INSTALLED IN ACCORDANCE WITH STORMTECH SC-310 SPECIFICATIONS



___ 24"x24"X48" TERRA-CRETE

LANDSCAPE BLOCK

FINISHED GRADE



SECTION A-A

1. CDS-4-C (CDS2015-4) RATED TREATMENT CAPACITY IS 1.0 CFS. MAXIMUM

QUALITY FLOW TO PROPOSED UNIT IS 0.65 CFS. DESIGN 100 YEAR STORM FLOW TO PROPOSED UNIT IS 5.32 CFS.

INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURER'S STANDARDS

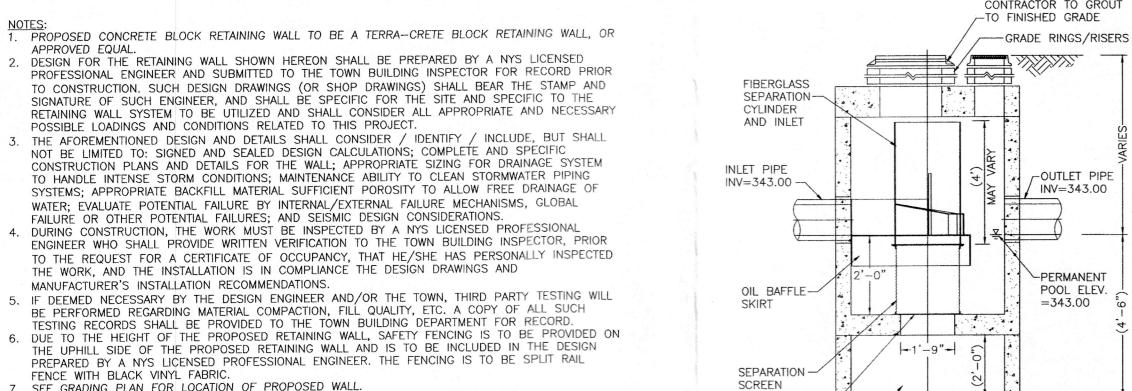
CONTECH CDS-4-C (CDS2015-4) DETAIL

HYDRAULIC INTERNAL BYPASS CAPACITY IS 10.0 CFS. DESIGN WATER

STRUCTURE AND CASTINGS SHALL MEET AASHTO HS20 LOAD RATING.

CONTECH TO PROVIDE ALL MATERIALS UNLESS OTHERWISE NOTED.

CONTRACTOR IS TO ENSURE THAT UNIT IS TO BE WATER TIGHT.



PVC HYDRAULIC

SOLIDS STORAGE SUMP -

SHEAR PLATE

BE PERFORMED REGARDING MATERIAL COMPACTION, FILL QUALITY, ETC. A COPY OF ALL SUCH TESTING RECORDS SHALL BE PROVIDED TO THE TOWN BUILDING DEPARTMENT FOR RECORD. 6. DUE TO THE HEIGHT OF THE PROPOSED RETAINING WALL, SAFETY FENCING IS TO BE PROVIDED ON THE UPHILL SIDE OF THE PROPOSED RETAINING WALL AND IS TO BE INCLUDED IN THE DESIGN PREPARED BY A NYS LICENSED PROFESSIONAL ENGINEER. THE FENCING IS TO BE SPLIT RAIL

3/4" CLEAN CRUSHED STONE

6" MIN. — 24" — 6" MIN.

. SEE GRADING PLAN FOR LOCATION OF PROPOSED WALL. DRAINAGE PIPE IS TO BE WRAPPED IN FILTER FABRIC WHEN SITE CONDITIONS REQUIRE AND IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS. DRAINAGE PIPE IS TO BE RUN TO DAYLIGHT OR CONNECTED TO CATCH BASINS AT LOW POINTS THROUGH WALL, OR AT ENDS.

TERRA-CRETE BLOCK RETAINING WALL DETAIL



GEOTEXTILE -

2" CLEAN CRUSHED DRAINAGE STONE

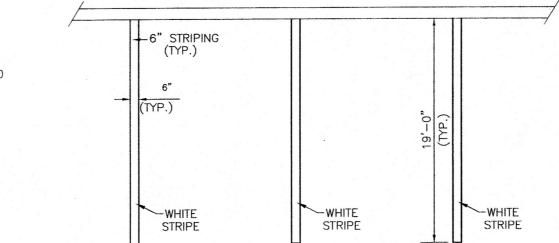
4" PERFORATED

WELL COMPACTED-

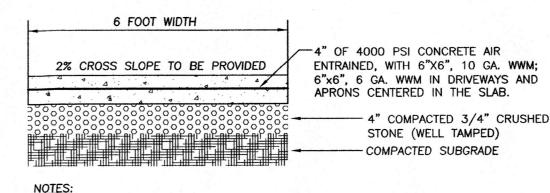
6" STONE BASE

HDPE DRAIN

DRAINAGE FABRIC



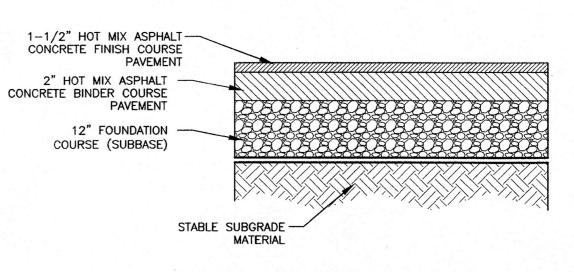
VACUUM SPACE PARKING STRIPING DETAIL



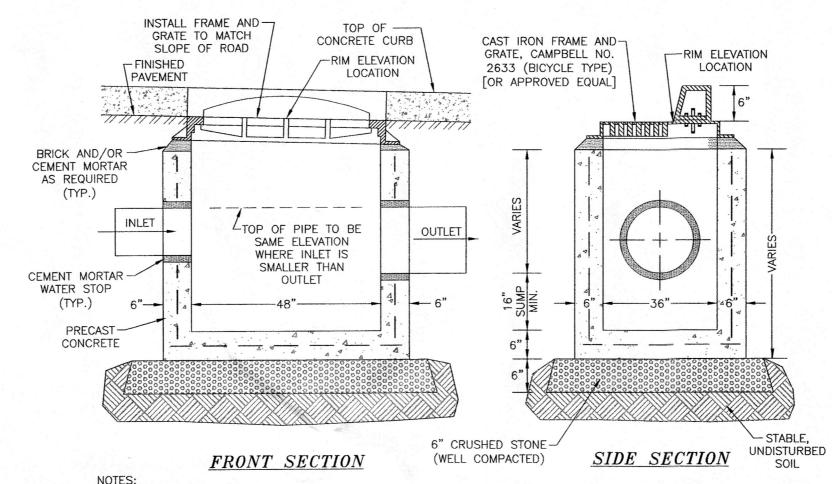
1. FINISH TO BE BROOM FINISH AT 90° TO EACH SUCCEEDING SLAB. JOINTER TO BE 1" DEEP. JOINT SPACING SHALL BE EQUAL TO WIDTH

OF WALK FOR SPACING. INSTALL 1/2" PRE-MOLDED EXPANSION JOINT AT 20' O.C. AND WHERE SIDEWALK IS AGAINST CONCRETE CURBS, BUILDINGS, AND OTHER STRUCTURES.

> CONCRETE SIDEWALK DETAIL N.T.S.

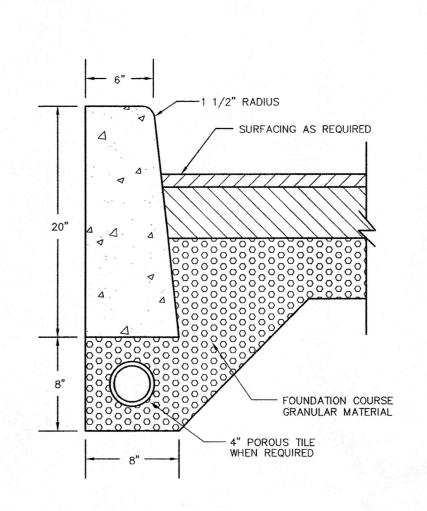


ACCESS DRIVES & PARKING AREA CROSS-SECTION



FRAME AND GRATE ARE TO BE INSTALLED TO MATCH SLOPE OF ROAD. WHERE A STRAIGHT TYPE (FLAT) GRATE IS REQUIRED, USE CAMPBELL NO. 3085, OR APPROVED EQUAL. . PRECAST STEEL REINFORCED POLYPROPYLENE PLASTIC STEPS SHALL BE PROVIDED FOR ALL BASINS GREATER THAN FOUR FEET IN DEPTH. 4. BACKFILL AROUND CATCH BASIN TO BE NYSDOT ITEM 4 ROADWAY SUBBASE MATERIAL COMPACTED IN MAX. 9" LIFTS. 5. CATCH BASIN TO MEET H20 LOADING REQUIREMENTS.

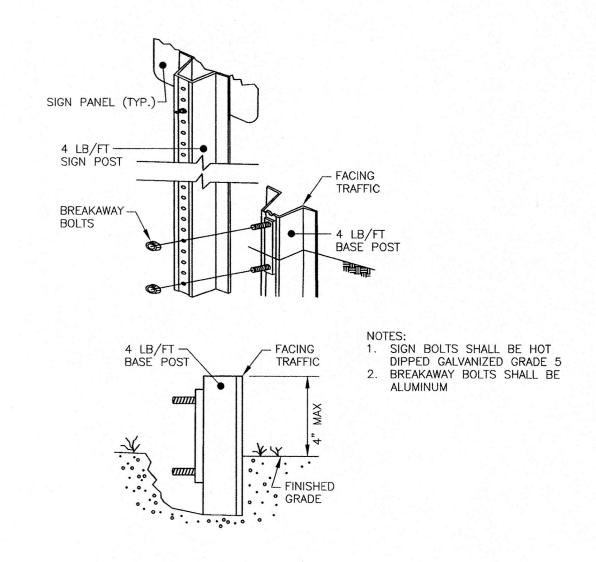
CATCH BASIN DETAIL (CURB INLET)



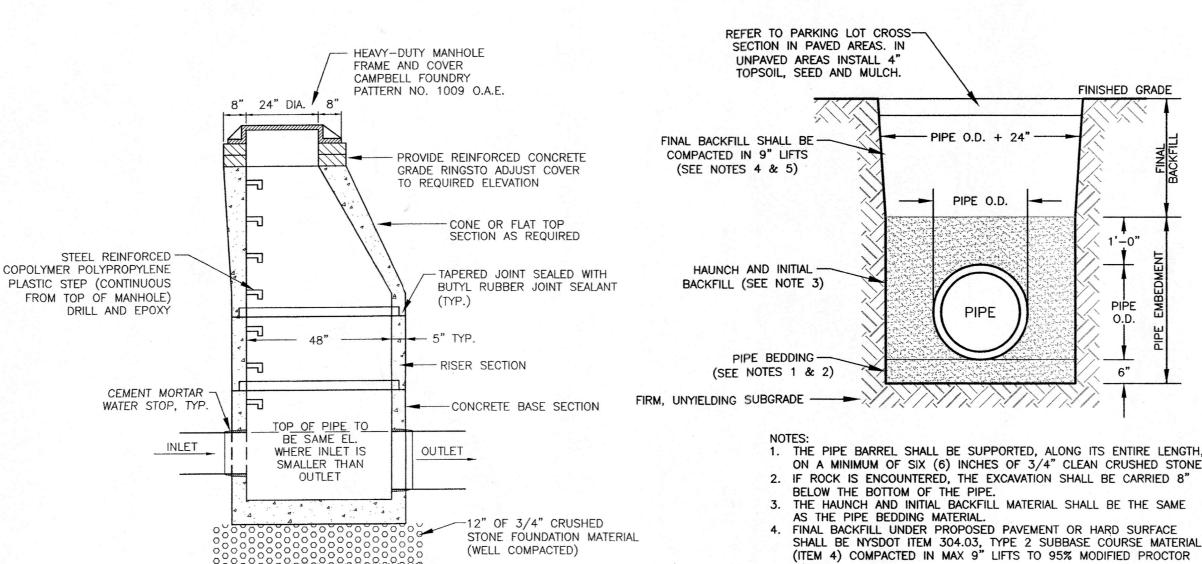
. CURB SHALL BE CAST IN PLACE. 2. EXPANSION JOINTS OF 3/16" CELLULOSE OR SIMILAR MATERIAL SHALL BE PLACED AT 10 (TEN) FOOT INTERVALS.

3. CONCRETE TO BE 1:2:3 MIX DESIGN, AIR ENTRAINED WITH DUREX OR EQUAL. 4. CONCRETE TO TEST 4,000 PSI AT 28 DAYS.

CONCRETE CURB DETAIL



ANCHOR POST ASSEMBLY SIGN SUPPORTS DETAIL



-UNDISTURBED SUBGRADE

CONCRETE COMPRESSIVE STRENGTH - 4000 PSI AT 28 DAYS. MANHOLE SPECIFICATIONS TO CONFORM TO ASTM DESIGNATION C478, LATEST REVISION. 3. MANHOLE TO BE SUITABLE FOR H-20 LOADING

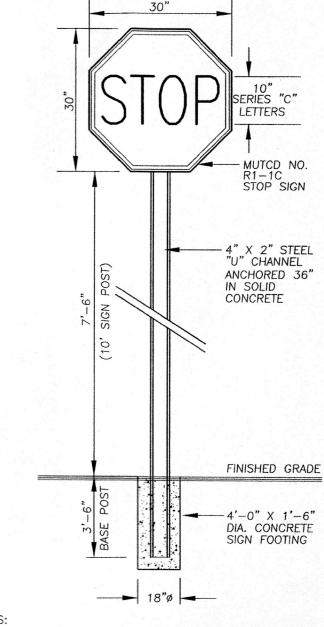
DRAINAGE MANHOLE DETAIL

FINISHED GRADE

1. THE PIPE BARREL SHALL BE SUPPORTED, ALONG ITS ENTIRE LENGTH, ON A MINIMUM OF SIX (6) INCHES OF 3/4" CLEAN CRUSHED STONE.

- 3. THE HAUNCH AND INITIAL BACKFILL MATERIAL SHALL BE THE SAME 4. FINAL BACKFILL UNDER PROPOSED PAVEMENT OR HARD SURFACE
- 5. FINAL BACKFILL IN ALL OTHER AREAS SHALL BE RUN-OF-TRENCH BACKFILL (IF SUITABLE) COMPACTED IN MAX. 9" LIFTS. NO STONES OVER 8" IN ANY DIMENSION.

DRAINAGE PIPE BEDDING & BACKFILL DETAIL



1. ALL SIGNAGE MUST BE MOUNTED ON BREAK-AWAY POSTS. 2. SIGN TO BE 30"x30" 3M OR EQUAL HI INTENSITY

- PRISMATIC GRADE STOP SIGN OR APPROVED EQUAL. 3. BASE POST SHALL NOT PROJECT MORE THAN 4" ABOVE FINISHED GRADE.
- 4. BASE POST AND SIGN POST TO BE HOT DIPPED GALVANIZED WITH A BREAKING STRENGTH OF 4 LB/FT MIN. 5. SIGN BOLTS: HOT DIPPED GALVANIZED GRADE 5 6. BREAKAWAY BOLTS: ALUMINUM

STOP SIGN DETAIL

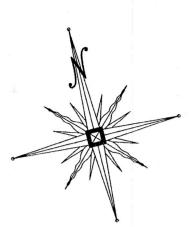
09-07-21 REVISIONS PER TOWN COMMENT LETTERS 3/12/21 NR 03-18-21 MIRRORED LAYOUT 03-08-21 ORIGINAL PREPARATION DATE DESCRIPTION REVISIONS MAP CHECK DATE: 00/00/00 INITIALED BY: PIETRZAK & PFAU ENGINEERING & SURVEYING, PLLO 262 GREENWICH AVENUE, SUITE A 2 HAMILTON AVENUE MONTICELLO, NEW YORK 12701 GOSHEN, NEW YORK 10924 (845) 294-0606 (845) 796-4646 MICHAEL P. CREEGAN P.L.S. LICENSE NO. 050323 ENSE NO. 076996 PLS LICENSE NO. 050075 ADS PROPERTIES, LLC CAR WASH TOWN OF NEWBURGH COUNTY OF ORANGE, NEW YORK PROJECT TITLE DETAIL SHEET (1) SECTION 95 BLOCK 1 LOT 14.1 UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED

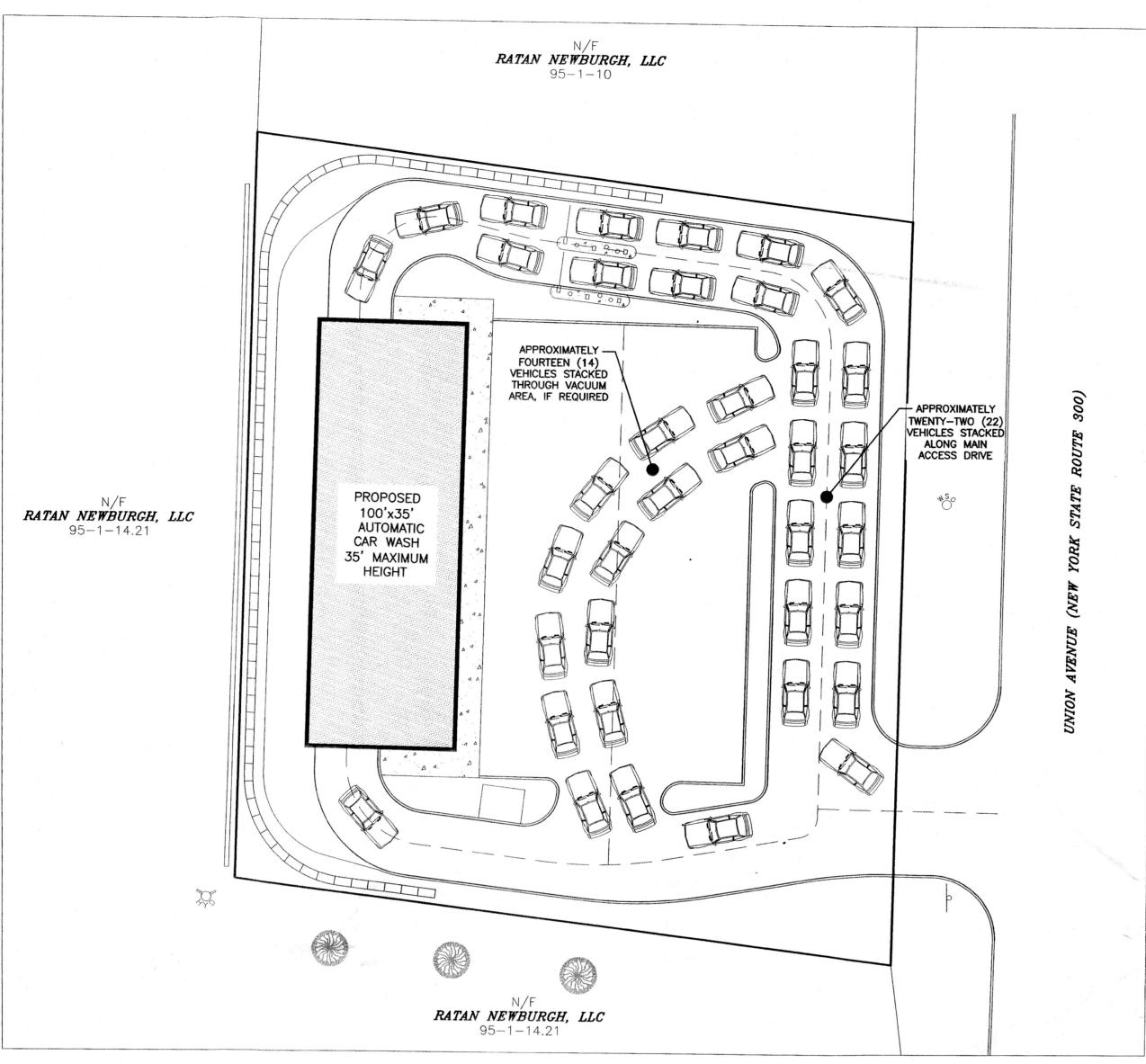
LAND SURVEYOR'S OR PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION

OF SECTION 7209, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW.

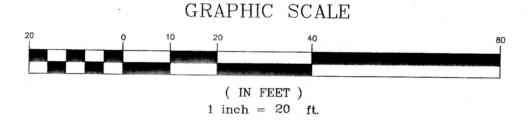
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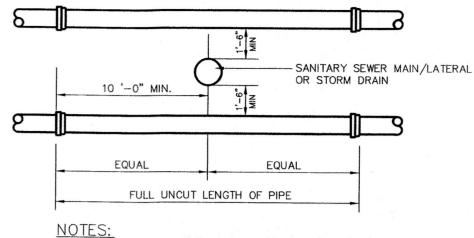
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PROPOSED VEHICLE STACKING PLAN

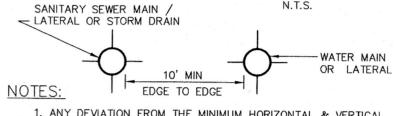




1. POSITION MIDPOINTS OF SEWER & WATER PIPE LENGTHS AT THE POINT OF CROSSING
2. SEPARATIONS APPLY TO WATER SERVICE LINES AS WELL AS WATER MAINS

3. VERTICAL SEPARATION BETWEEN STORM DRAINAGE AND SEWER TO BE 0'-6" MINIMUM.

VERTICAL SEPARATION



ANY DEVIATION FROM THE MINIMUM HORIZONTAL & VERTICAL SEPARATION DISTANCES MUST SPECIFICALLY BE APPROVED BY ENGINEER
 SEPARATIONS APPLY TO WATER SERVICE LINES AS WELL AS

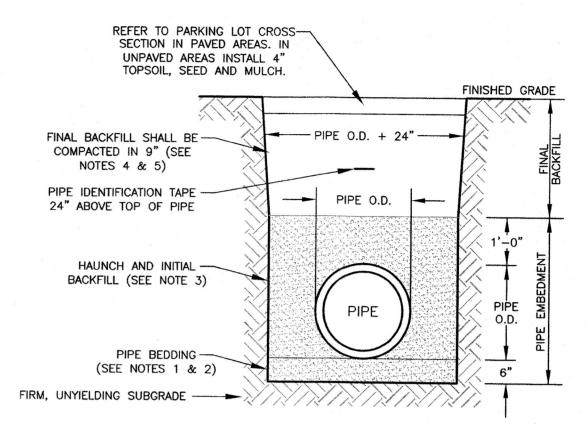
3. WHERE IT IS IMPOSSIBLE TO MAINTAIN THE REQUIRED 10' SERARATION THE SEWER SHALL BE CONSTRUCTED OF MECHANICAL JOINT D.I. PIPE, PRESSURE TESTED TO 150 psi PRIOR TO BACKFILLING.

HORIZONTAL SEPARATION

NOTE:

THE SEPARATION REQUIREMENT SHALL CONFORM TO CURRENT ORANGE COUNTY DEPARTMENT OF HEALTH STATUTES, CODES, RULES, REGULATIONS AND LAWS AS THEY APPLY. ANY DEVIATION FROM THE ABOVE SEPARATION REQUIREMENTS SHALL REQUIRE WRITTEN APPROVAL FROM THE ORANGE COUNTY DEPARTMENT OF HEALTH.

SANITARY SEWER/WATER/STORM DRAINAGE
SEPARATION REQUIREMENTS



NOTES:

1. THE PIPE BARREL SHALL BE SUPPORTED, ALONG ITS ENTIRE LENGTH,
ON A MINIMUM OF SIX (6) INCHES OF 3/4" CLEAN CRUSHED STONE
OR COARSE SAND AS APPROVED BY THE WATER/SEWER
SUPERINTENDENT.

2. IF ROCK IS ENCOUNTERED, THE EXCAVATION SHALL BE CARRIED 8"
BELOW THE BOTTOM OF THE PIPE.

3. THE HAUNCH AND INITIAL BACKFILL MATERIAL SHALL BE THE SAME

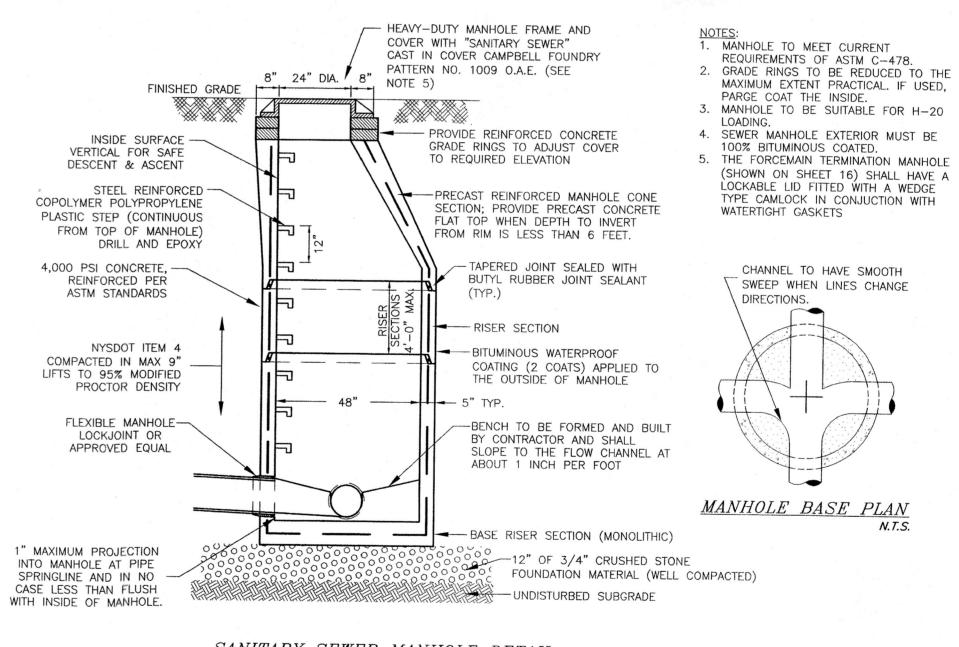
AS THE PIPE BEDDING MATERIAL.

4. FINAL BACKFILL UNDER PROPOSED PAVEMENT OR HARD SURFACE SHALL BE NYSDOT ITEM 304.03, TYPE 2 SUBBASE COURSE MATERIAL (ITEM 4) COMPACTED IN MAX 9" LIFTS TO 95% MODIFIED PROCTOR

5. FINAL BACKFILL IN ALL OTHER AREAS SHALL BE RUN-OF-TRENCH BACKFILL (IF SUITABLE) COMPACTED IN MAX. 9" LIFTS. NO STONES OVER 8" IN ANY DIMENSION.

6. THE DEPTH OF COVER OVER WATER PIPE SHALL BE A MINIMUM OF 4'-6". THE DEPTH OF COVER OVER SEWER PIPE SHALL BE A MINIMUM OF 4'-0".

WATER & SEWER BEDDING & BACKFILL DETAIL



SANITARY SEWER MANHOLE DETAIL
N.T.S.

