D.S.B.

ENGINEERS & ARCHITECTS, P.C.

2394 Ridgeway Avenue, Suite 201 Rochester, N.Y. 14626 (585) 271-5230

Fax: (585) 271-3488

E-mail:

June 14, 2022

Henrietta Planning Board Town of Henrietta 475 Calkins Road Henrietta, New York 14467

RE: Queens Park Phase 3 Preliminary & Final Approval

Dear Board Members,

On behalf of our client, Forest Creek Equity Corp., we respectfully request to be placed on the July 19, 2022, Planning Board agenda. We are requesting Preliminary & Final Approval for Queens Park Phase 3 Approval for 4 Residential Lots.

Enclosed please find the following items for your review and approval with respect to the above referenced project:

- Eight (8) Letters of Intent
- Eight (8) Application Form
- Eight (8) Final Plans
- \$150.00 Application Fee
- \$500.00 Review Fee
- Electronic copy of application and plans will be emailed

We appreciate your consideration on this matter, and if you have any questions prior to the Board meeting, please contact me at 271-5230.

Yours truly,

Walter F. Baker

Engineering Manager

Cc: Forest Creek Equity Corp.



TOWN OF HENRIETTA Subdivision Application To Planning Board

	APPLICATION NO
	DATE:
APPLICATION IS HEREBY MADE TO THE PLANNIN	IG BOARD OF THE TOWN OF
HENRIETTA FOR THE APPROVAL OF Queens Par	rk Subdivision, Phase 3 (Subdivision)
as shown on a map prepared by <u>DSB Engine</u>	ers (Engineers)
Dated 6/2022 , consisting of	of4Lots, pursuant to
Section (276 []), or (278 [x]) Town Law,	and for permission to file said map, in sections as
shown on said map, for property located at:	
Martin Road, Henrietta NY	
Tax Account No. <u>188.03-01-52,006</u>	
Agent/Applicant:	DSB Engineers
Address:	2394 Ridgeway Avenue
	Rochester, NY 14626
Phone #:	(585) 271-5230
Signature:	Wat Bal
	Walter Baker

*Town Law - check one above

276 - Standard subdivision, standard zoning

277 – Standard subdivision, standard zoning with land provided for a park or a sum of money for playground or recreational purposes as determined by the Town Board.

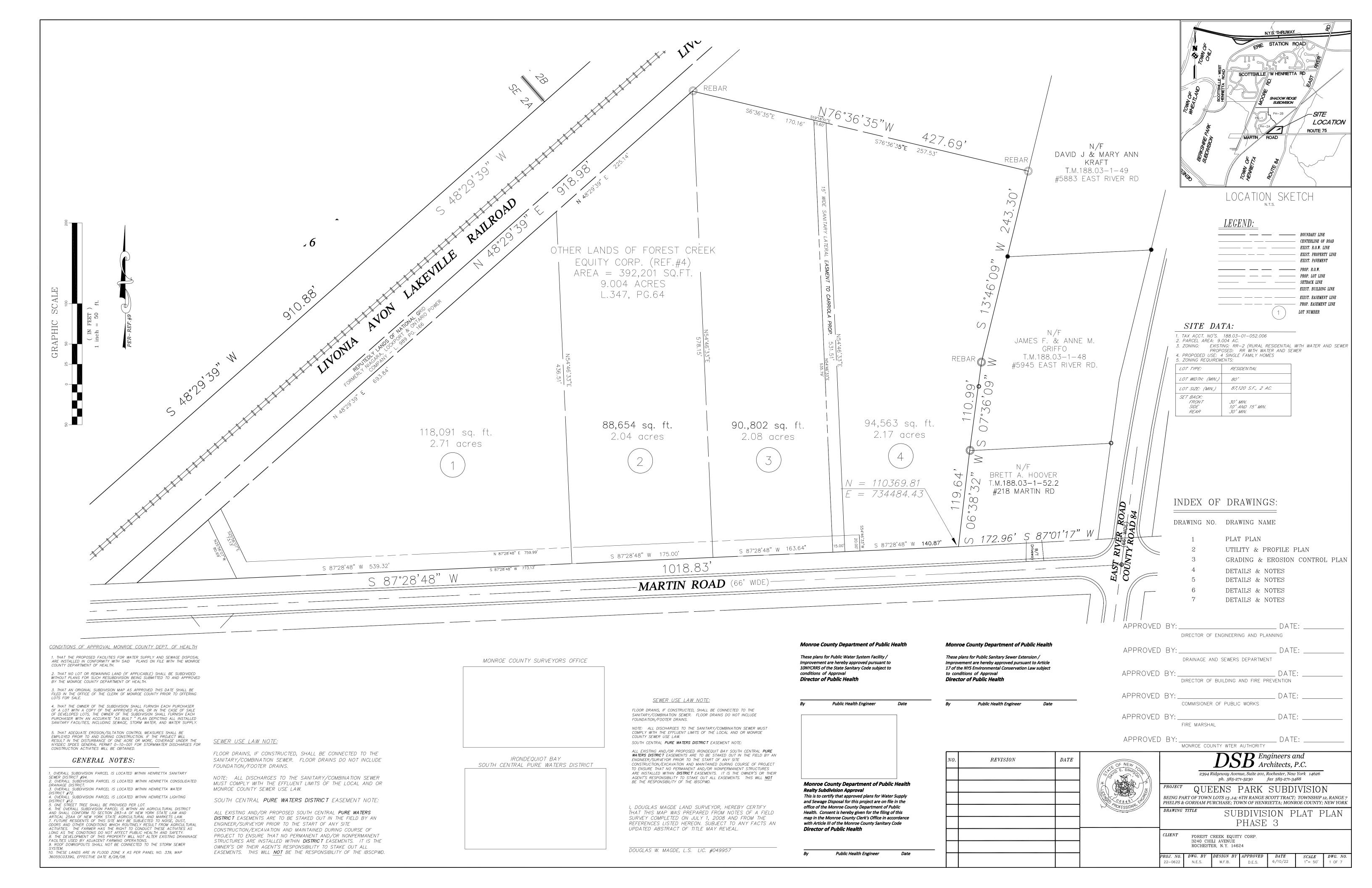
278 – Cluster Development Subdivision, smaller lot sizes permitted, with common open areas, same density as standard subdivision.

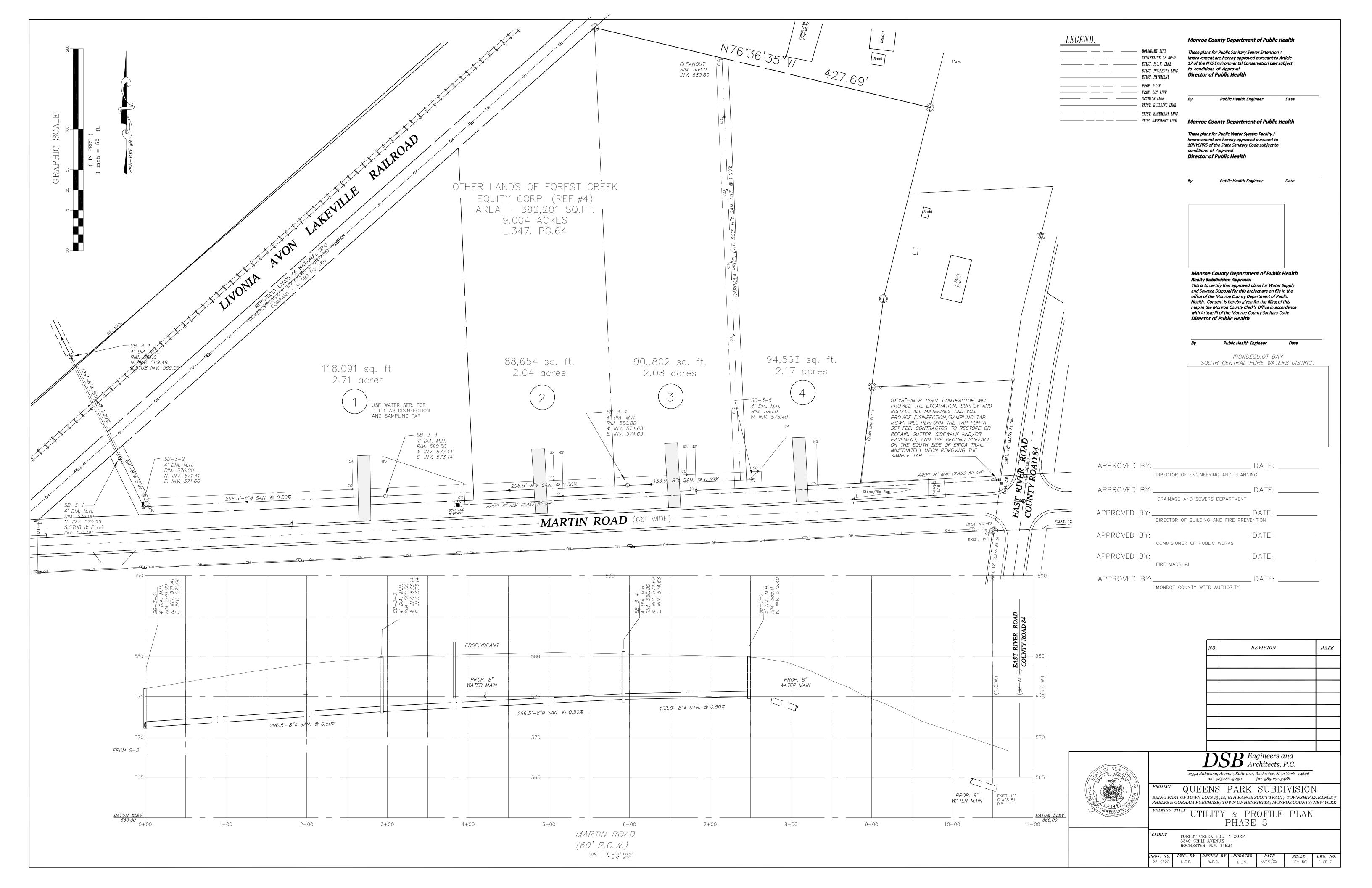
Statement of Applicant and Owner with Respect to Reimbursement of Professional and Consulting Fees

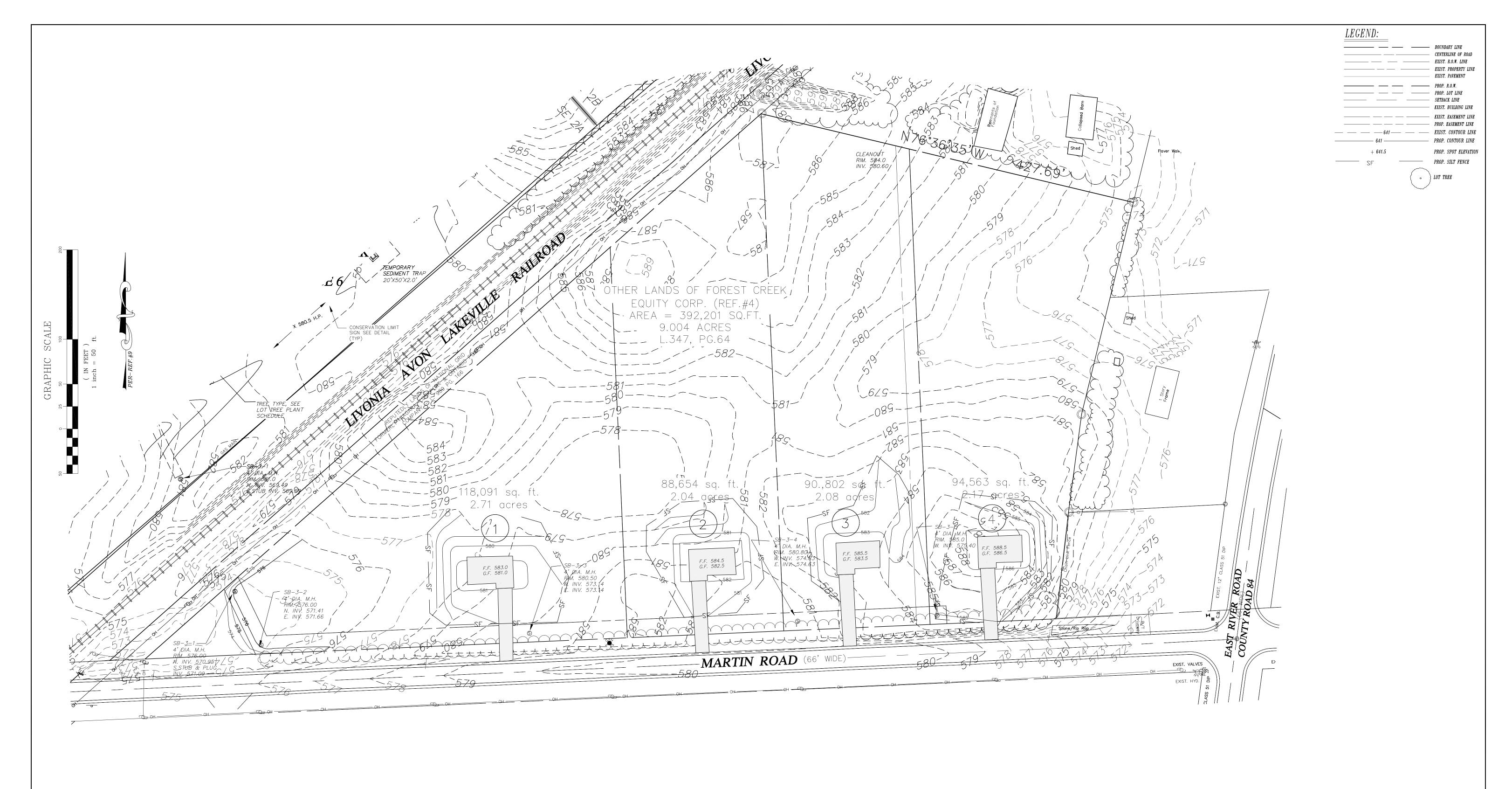
In conjunction with an application made to the Town of Henrietta, the undersigned states, represents and warrants the following:

- 1) I/We am/are the applicant and owner with respect to an application to the Town of Henrietta.
- 2) I/We have been advised of, are aware of and agree to comply with the obligation to reimburse the Town of Henrietta for any and all professional and consulting fees incurred by the Town in conjunction with this and any other applications by me/us, including but not limited to engineering and/or legal fees, all as more fully set forth in the Henrietta Town Code.
- 3) I/We have been provided with, or have otherwise reviewed the Henrietta Town Code provisions related to the obligation to reimburse the Town with respect to professional and consulting fees, and agree to comply with the same.
- 4) I/We understand that this obligation shall not be dependent upon the approval or success of the application.
- 5) I/We further agree that in the event the Town of Henrietta is required to refer for collection an outstanding debt for such professional and/or consulting fees due to the Town of Henrietta, I/we shall be obligated to pay the reasonable attorney's fees incurred as a result of the Town's efforts to collect such fees. Reasonable attorney's fees shall also include any and all disbursements that may result from the commencement of litigation.
- 6) Each party to the application, including the applicant and the owner, shall be jointly and severally liable for all consulting and professional fees and expenses incurred in conjunction with the application.

Applicant:	DSB Engineers
Ву:	Walter Baker
Title:	Project Manager
Dated:	June 14, 2022
Signed:	Walter
Owner:	Forest Creek Equity Corp.
Ву:	Bernard Iacovangelo
Title:	Pres-
Dated:	June 14, 2022
Signed:	Walter for BIT







PROJECT BENCHMARK: SANITARY M.H. RIM ELEV. 573.24 NAVD 88 CANDLEFORD HEIGHTS STA. 2+65; 31'RT.

<u>GRADING NOTES</u>

1. SHOULD FARM TILES BE ENCOUNTERED DURING EARTH MOVING OPERATIONS, THE CONTRACTOR SHALL NOTIFY THE TOWN INSPECTOR AND PROJECT ENGINEER FOR DETERMINATION OF TILES DISPOSITION (REMOVAL, PLUG, OR CONNECT TO THE STORM SEWER SYSTEM).

2. CONTRACTOR SHALL INSTALL ADDTIONAL EROSION CONTROL DEVICES AS DIRECTED BY THE TOWN AND PROJECT ENGINEER.

3. SEE STORM WATER POLLUTION PREVENTION PLAN FOR OVERALL SUDIVISION

4. SEE DETAILS AND NOTES FOR GRADING AND EROSION CONTROL NOTES.

5. ALL TEMPORARY SEDIMENT TRAPS/SINKS DEEPER THAN 1.5' SHALL BE PROTECTED BY ORANGE CONSTRUCTION FENCE AROUND THE ENTIRE PERIMETER OF THE SEDIMENT SINK, INCLUDING PONDS.

CERTIFICATION OF COMPLIANCE WITH SPDES GENERAL PERMIT # GP-0-20-001

THE STORMWATER POLLUTION PREVENTION PLANS REFLECT COLLEGE REQUIREMENTS FOR STORMWATER MANAGEMENT AND SEDIMENT CONTROL. TO ENSURE COMPLIANCE, THESE PLANS WERE PREPARED IN ACCORDANCE WITH THE APPLICABLE FEDERAL, STATE AND LOCAL REQUIREMENTS. OTHER APPLICABLE REQUIREMENTS FOR SEDIMENT AND EROSION SITE PLANS (OR PERMITS), OR STORMWATER MANAGEMENT SITE PLANS (OR PERMITS) WILL BE ADHERED TO. ALL EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE NEW YORK STATE GUIDELINES FOR URBAN EROSION AND SEDIMENT CONTORL.

I HERBY CERTIFY THAT I UNDERSTAND AND AGREE TO COMPLY WITH THE TERMS AND CONDTIONS OF THE SWPPP AND AGREE TO IMPLEMENT ANY CORRECTIVE ACTIONS IDETIFIED BY THE QUALIFIED INSPECTOR DURING A SITE INSPECTION. I ALSO UNDERSTAND THAT THE OWNER OR OPERATOR MUST COMPLY WITH THE TERMS AND CONDITIONS OF THE NEW YORK STATE POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES AND THAT IT IS UNLAWFUL FOR ANY PERSON TO CAUSE OR CONTRIBUTE TO A VIOLATION OF WATER QUALITY STANDARDS. FURTHERMORE, I UNDERSTAND THAT CERTIFYING FALSE, INCORRECT OR INACCURATE INFORMATION IS A VIOLATION OF THE REFERENCED PERMIT AND THE LAWS OF THE STATE OF NEW YORK AND COULD SUBJECT ME TO CRIMINAL, CIVIL AND OR ADMINISTRATIVE PROCEDINGS.

OWNER/OPERATOR(S):	DATE:	
CONTACTOR(S):	DATE:	

L	LOT TREE PLANT SCHEDULE										
QUANT.	KEY	BOTANICAL NAME	COMMON NAME	SIZE / ROOT							
DECIDUO	US SHA	ADE TREE									
4	СМ	Acer x. 'Freemanii'	Celebration Maple	2"-2.5" cal BB							
4	RO	Quercus Rubra	Red Oak	2"-2.5" cal BB							
ALTERNATE	PC	Pyrus Cleryana	Cleavland Pear	2"-2.5" cal BB							
ALTERNATE	GT	Rleditsia Triancanthos	Sunburst Locust	2"-2.5" cal BB							
ALTERNATE	ALTERNATE CO Celtis Occidentalis Common Hackberry 2"-2.5" cal BB										
NOTE: LOT TREES (FRONT YARD AREA) SHALL BE AS SHOWN ON THE PLAN, OUTSIDE UTILLITY EASEMENT GENERALLY EVERY LOT, WILL RECEIVE TWO 2" — 2.5" CAL. DECIDUOUS TREES, ALTERNATING SPECIES											

NO.	REVISION	DATE				DS	$B^{\scriptscriptstyle Eng}_{\scriptscriptstyle Arc}$	gineers a chitects, I	nd P.C.	
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						ER, N.Y. 1462	24			
				PROJ. NO. 22-0622	<i>DWG. BY</i> N.E.S.	DESIGN BY W.F.B.	APPROVED D.E.S.	DATE 6/10/22	SCALE 1"= 50'	DWG. NO. 3 OF 7

LANDSCAPE NOTES

- 1. ALL PLANTS SHALL MEET OR EXCEED THE MINIMUM REQUIREMENTS AS NOTED IN THE LATEST EDITION OF AMERICAN STANDARD FOR NURSERY STOCK BY AMERICAN NURSERY AND LANDSCAPE ASSOCIATION, ANSI Z60.1.
- 2. REPLACE, IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS, ALL PLANTS THAT ARE MISSING, DEAD, OR DO NOT DEVELOP FROM PLANTING STOCK, OR AS DETERMINED BY THE CLIENT ARE IN UNHEALTHY OR UNSIGHTLY CONDITION, AND HAVE LOST THEIR NATURAL SHAPE DUE TO DEAD BRANCHES OR OTHER CAUSES DUE TO THE CONTRACTORS NEGLIGENCE. CONTRACTOR SHALL BEAR THE COST OF COMPLETE REPLACEMENT(S). IN CASE OF ANY QUESTIONS REGARDING THE CONDITION AND SATISFACTORY ESTABLISHMENT OF A REJECTED PLANT, THE LANDSCAPE ARCHITECT'S DECISION IS FINAL. PROVIDE A GUARANTEE FOR ALL REPLACEMENT PLANTS FOR AT LEAST ONE FULL GROWING SEASON.
- 3. REMOVE AND IMMEDIATELY REPLACE ALL PLANTS, AS DETERMINED BY THE CLIENT TO BE UNSATISFACTORY DURING THE INITIAL PLANTING INSTALLATION.
- 4. CONTRACTOR SHALL RETAIN FOR INSPECTION ALL RECEIPTS FOR PLANTING MATERIAL, PLANTING STOCK IS TO BE MADE AVAILABLE IN ORIGINAL PACKAGING AND LABELING FOR INSPECTION BY THE CLIENT PRIOR TO INSTALLATION.
- 5. SHRUBS SHALL MEET THE REQUIREMENTS FOR HEIGHT INDICATED IN THE PLANT LIST. THE MEASUREMENTS FOR HEIGHT SHALL BE TAKEN FROM THE GROUND LEVEL TO THE AVERAGE HEIGHT OF THE TOP BRANCHES OF THE PLANT, AND NOT THE LONGEST BRANCH. SINGLE STEMMED OR THIN PLANTS WILL NOT BE ACCEPTED. SIDE BRANCHES SHALL BE GENEROUS, WELL TWIGGED, AND THE PLANT AS A WHOLE WELL SEATED IN THE GROUND. PLANTS SHALL BE IN A MOIST, VIGOROUS CONDITION, FREE FROM DEAD WOOD, BRUISES, OR OTHER ROOT OR BRANCH INJURIES.
- 6. PLANTED AREAS WILL BE INSPECTED AT COMPLETION OF INSTALLATION AND ACCEPTED SUBJECT TO COMPLIANCE WITH SPECIFIED MATERIALS AND INSTALLATION REQUIREMENTS. INSPECTION TO DETERMINE FINAL ACCEPTANCE OF PLANTED AREAS WILL BE MADE BY THE CLIENT UPON CONTRACTORS REQUEST. PROVIDE NOTIFICATION AT LEAST 10 WORKING DAYS BEFORE REQUESTED INSPECTION DATE. PLANTED AREAS WILL BE ACCEPTED PROVIDED ALL MATERIALS ARE ALIVE AND IN A HEALTHY, VIGOROUS CONDITION. UPON FINAL ACCEPTANCE, THE OWNER WILL ASSUME MAINTENANCE.
- 7. UPON COMPLETION AND ACCEPTANCE OF THE LANDSCAPING, A TWO (2) YEAR MAINTENANCE GUARANTEE IS REQUIRED. A CHECK IN THE AMOUNT OF 10% OF THE TOTAL LANDSCAPING COST WILL NEED TO BE FURNISHED TO THE TOWN OF HENRIETTA.
- 8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HIS OWN QUANTITY TAKEOFF.
- 9. THE CONTRACTOR SHALL PERFORM A ROUGH FIELD STAKE OUT OF ALL PLANT MATERIAL AND SHRUB BEDS. CONTACT THE LANDSCAPE ARCHITECT FOR INSPECTION AND APPROVAL. LOCATIONS SHOWN ON THE PLAN CONVEY DESIGN INTENT ONLY. ACTUAL LOCATIONS WILL BE AS DIRECTED BY THE LANDSCAPE ARCHITECT AT THE TIME OF INSTALLATION.

10. NAMES OF WOODY PLANT MATERIAL MUST COMPLY WITH "STANDARDIZED PLANT NAMES" AS ADOPTED BY THE LATEST EDITION OF THE AMERICAN JOINT COMMITTEE OF HORTICULTURAL NOMENCLATURE. PROVIDE STOCK TRUE TO BOTANICAL NAME AND LEGIBLY TAGGED.

- 11. THE CONTRACTOR IS HEREBY NOTIFIED THAT UNDERGROUND UTILITIES EXIST AND HE SHOULD OBTAIN CURRENT UTILITY RECORD MAPS AND NOTIFY ALL UTILITY COMPANIES PRIOR TO COMMENCING WORK.
- 12. SHOULD LOCATION OF TREES BE WITHIN 5' OF UNDERGROUND UTILITIES, RELOCATE SAID TREES TO MIN. OF 5' FROM ROOT BALL TO UTILITIES.
- 13. SHOULD LOCATIONS OF TREES BE WITHIN 20' OF OVERHEAD WIRES, RELOCATE SAID TREES TO MIN. OF 20' TO WIRES.
- 14. STAKE AND WRAP TREES IMMEDIATELY AFTER PLANTING. STAKES AND WRAPPING ARE TO BE REMOVED BY THE CONTRACTOR AT THE END OF ONE YEAR.
- 15. MULCH ALL BEDS WITH 3 INCHES DOUBLE GROUND HARDWOOD BARK MULCH. COLOR TO BE CHOSEN BY LANDSCAPE ARCHITECT.
- 16. PLANTING BACK FILL MIXTURE: 4 PARTS TOP SOIL; 1 PART PEAT MOSS; 1/2 PART WELL ROTTED MANURE; 10 LBS. 5-10-5 PLANTING FERTILIZER THOROUGHLY MIXED PER CUBIC YARD.
- 17. TOPSOIL SHALL BE FURNISHED FROM THE STOCKPILED ON—SITE MATERIAL. IF AN INSUFFICIENT QUANTITY EXISTS, FURNISH FROM OFF—SITE SOURCES IN QUANTITIES SUFFICIENT TO COMPLETE THE REQUIREMENTS AS SPECIFIED. TOPSOIL SHALL BE NATURAL, FRIABLE, FERTILE SOIL, CHARACTERISTIC OF PRODUCTIVE SOIL IN THE VICINITY, REASONABLE FREE FROM STONES, CLAY LUMPS, ROOTS AND OTHER FOREIGN MATTER WITH AN ACIDITY BETWEEN 6.0 AND 6.8 PH. PROPOSED TOPSOIL MATERIAL FROM OFF—SITE SOURCES SHALL BE SUBJECT TO APPROVAL BY THE LANDSCAPE ARCHITECT.
- 18. A MINIMUM OF 6" OF TOPSOIL SHALL BE PROVIDED ON ALL AREAS TO BE SEEDED.
- 19. LAWN SEED MIXTURE- APPLY TO ALL AREAS NOT PAVED, PLANTED, DESIGNATED TO REMAIN NATURAL OR OTHERWISE

SEEDED. MIX SHALL CONSIST OF THE FO	OLI OWING:	,	
		PURITY	% GERMINATION
KEYSTONE PERENNIAL RYEGRASS	25	85	85
CHARISMATIC PERENNIAL RYEGRASS	25	85	85
CINDY LOU CREEPING RED FESCUE	20	85	80
COMMON KENTUCKY BLUEGRASS	30	97	80
SEEDING RATE: 200 LBS. PER ACRE			

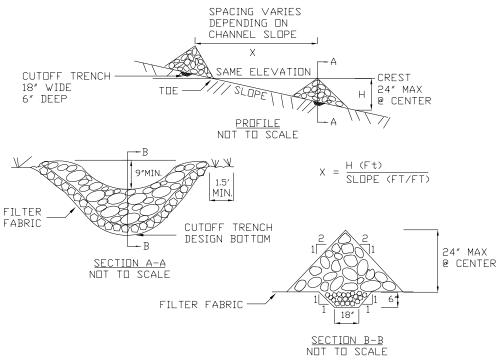
- MULCH ALL SEEDED AREAS WITH APPROVED STRAW AT A RATE OF 4,000 LBS. PER ACRE.
- STEEP SLOPE MIX (TYPE B UNMOWED) APPLY AT A RATE OF 100 LBS. PER ACRE USING THE FOLLOWING PROPORTIONS BY WEIGHT:
 - 15% CREEPING RED FESCUE 35% CHEMUNG CROWNVETCH
 - 25% KENTUCKY 31 TALL FESCUE
- 25% EMPIRE BIRDSFOOT TREFOIL
 ALL SEEDED AREAS SHALL RECEIVE:

FERTILIZER: 10:10:10 RATE: 500 LBS. PER ACRE

- FERTILIZER: 10:10:10 AT A RATE OF 500 LBS. PER ACRE MULCH: APPROVED STRAW AT A RATE OF 4,000 LBS. PER ACRE
- 20. ANTIDESICANT: PROTECTIVE FILM EMULSION, PROVIDING A PROTECTIVE FILM OVER PLANT SURFACES, BUT PERMEABLE TO PERMIT TRANSPIRATION. MIXED AND APPLIED IN ACCORDANCE WITH MANUFACTURE'S INSTRUCTIONS. APPLY TO ALL BROADLEAF EVERGREEN SHRUBS PER MANUFACTURER'S RECOMMENDATIONS.
- 21. LANDSCAPE MATERIALS SHALL BE INSTALLED BY LOCAL COMPANIES FAMILIAR WITH THE CONDITIONS IN THIS AREA THAT EMPLOY NYS CERTIFIED NURSERY PROFESSIONALS.
- 22. STACK PLANTS AS INDICATED OR AS APPROVED IN THE FIELD. IF OBSTRUCTIONS ARE ENCOUNTERED THAT ARE NOT SHOWN ON THE DRAWINGS, DO NOT PROCEED PLANTING OPERATIONS UNTIL ALTERNATIVE PLANT LOCATIONS HAVE BEEN

23. MAINTAIN PLANTS UNTIL COMPLETION AND FINAL ACCEPTANCE OF THE ENTIRE PROJECT. MAINTENANCE SHALL INCLUDE PRUNING, CULTIVATING, EDGING, REMULCHING, FERTILIZING, WEEDING, WATERING AS REQUIRED FOR HEALTHY GROWTH, AND APPLICATION OF APPROPRIATE INSECTICIDES AND FUNGICIDES NECESSARY TO MAINTAIN PLANTS FREE OF INSECT AND DISEASE. RESET SETTLED PLANTS TO PROPER GRADE AND POSITION. RESTORE PLANTING SAUCER AND REMOVE DEAD MATERIAL. TIGHTEN AND REPAIR GUIDE WIRES AND DEFICIENCIES WITHIN THE FIRST 24 HOURS OF INITIAL PLANTING, AND NOT LESS THAN TWICE PER WEEK UNTIL FINAL ACCEPTANCE.

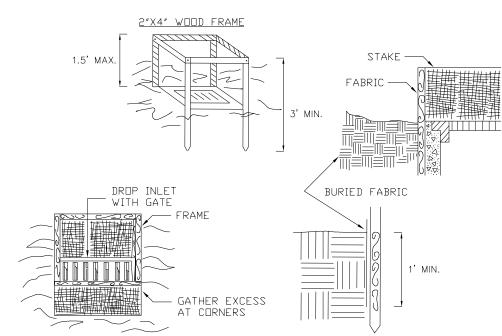
- 24. WETLAND SEED MIX TYPE C. APPLY TO ALL DESIGNATED AREAS ONLY. THE MIXTURE SHALL
- CONSIST OF THE FOLLOWING: 30% KENTUCKY 31 TALL FESCUE
- 30% KENTUCKY 31 TALL
- 10% TIMOTHY
- 30% BIRDSFOOT TREFOIL
 SEEDING RATE: 100 LBS. PER ACRE
- RAIN GARDEN MIX PRODUCED BY ERNST CONSERVATION SEEDS
- (800) 873-3321 OR APPROVED EQUAL AT A RATE OF 15 LBS PER ACRE
- FERTILIZER: 0:20:20 FERTILIZER AT A RATE OF 500 LBS. PER ACRE AND 38:0:0 UREAFORM FERTILIZER AT 400 LBS. PER ACRE MULCH ALL SEEDED AREAS WITH APPROVED STRAW AT A RATE OF 4,000 LBS PER ACRE.
- UNMOWED/MEADOW AREAS SEED MIX APPLY AT A RATE OF 50 LBS. PER ACRE USING THE FOLLOWING PROPORTIONS BY WEIGH 40% ORCHARDGRASS (Dactylis glomerata)
- 30% SMOOTH BROME GRASS (Bromus inermis Leyss.)
- 8% LADINO WHITE CLOVER (Trifolium repens 'Ladino')
- 22% CLIMAX TIMOTHY (Phleum pratense 'Climax')
- FERTILIZER: 28:4:12; RATE: 1,000 LBS. PER ACRE.
 MULCH ALL SEEDED AREAS WITH APPROVED STRAW AT A RATE OF 4,000 LBS. PER ACRE.
- 25. UPON COMPLETION AND ACCEPTANCE OF THE LANDSCAPING, A TWO (2) YEAR MAINTENANCE GUARANTEE IS REQUIRED
- 26. ANY PROPOSED CHANGES OR SUBSTITUTIONS MUST FIRST BE APPROVED BY THE HENRIETTA PLANNING BOARD CHAIRMAN AND THE DIRECTOR OF ENGINEERING AND PLANNING



<u>Construction specifications</u>

- 1. STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION TO THE LINES, GRADES AND LOCATIONS SHOWN IN THE PLAN.
- 2. SET SPACING OF CHECK DAMS TO ASSUME THAT THE ELEVATIONS OF THE CREST OF THE DOWNSTREAM DAM IS AT THE SAME ELEVATION OF THE TOE OF THE UPSTREAM DAM.
- 3. EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.
- 4. PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.
- 5. ENSURE THAT CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONE. MAXIMUM DRAINAGE AREA 2 ACRES.

CHECK DAM (N.T.S.)

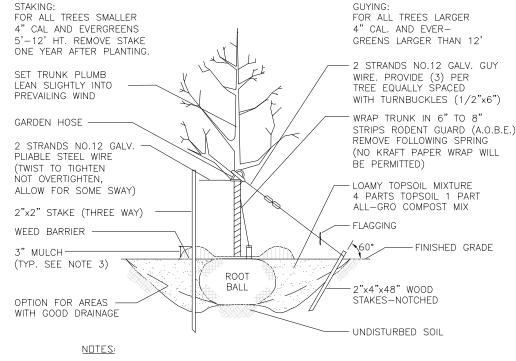


<u>construction</u> specifications

- 1. FILTER FABRIC SHALL HAVE AN EOS OF 40-85. BURLAP MAY BE USED FOR SHORT TERM APPLICATIONS.
- 2. CUT FABRIC FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED THEY WILL BE OVERLAPPED TO THE NEXT STAKE.
- 3. STAKE MATERIALS WILL BE STANDARD 2" \times 4" WOOD OR EQUIVALENT. METAL WITH A MINIMUM LENGTH OF 3 FEET.
- 4. SPACE STAKES EVENLY AROUND INLET 3 FEET APART AND DRIVE A MINIMUM 18 INCHES DEEP. SPANS GREATER THAN 3 FEET MAY BE BRIDGED WITH THE USE OF WIRE MESH BEHIND THE FILTER FABRIC FOR SUPPORT.
- 5. FABRIC SHALL BE EMBEDDED 1 FOOT MINIMUM BELOW GROUND AND BACKFILLED. IT SHALL BE SECURELY FASTENED TO THE STAKES AND FRAME.
- 6. A 2" x 4" WOOD FRAME SHALL BE COMPLETED AROUND THE CREST OF THE FABRIC FOR OVER FLOW STABILITY.

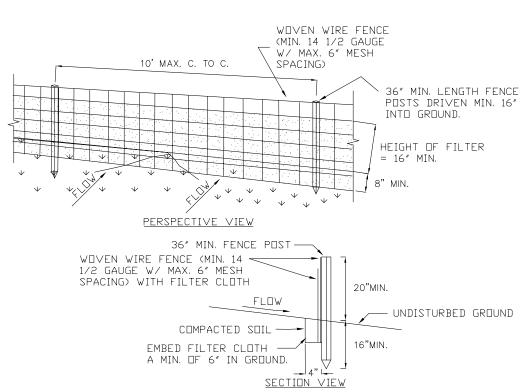
 MAXIMUN DRAINAGE AREA 1 ACRE

FILTER FABRIC
DROP INLET PROTECTION
(N.T.S.)



- 1. USE 8' STAKES-DRIVE 48" BELOW GROUND.
- 2. ROOT COLLAR TO BE SLIGHTLY ABOVE SURROUNDING
- 3. MULCH CAN NOT BE MORE THAN 1" THICK AT ROOT COLLAR EXTENDING OUT AT LEAST 6" FROM THE BARK, THEN IT CAN BE THICKENED.
- 4. MULCH IS TO BE PLACED 3" TO 6" AWAY FROM THE TRUNK.

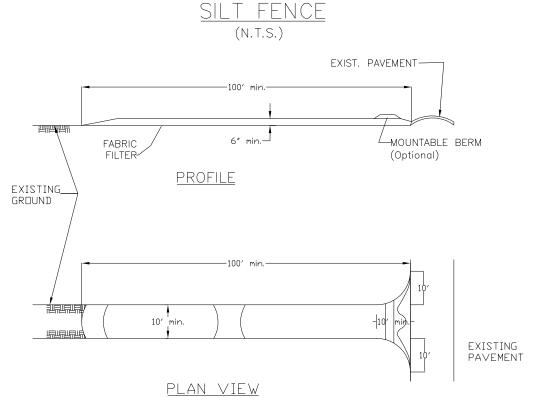
 TREE PLANTING DETAIL



CONSTRUCTION SPECIFICATIONS

- 1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES 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.

 3. 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.
- PREFABRICATED UNITS SHALL BE GEDFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.
 MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.



CONSTRUCTION SPECIFICATIONS 1. STONE SIZE - #3 AND #4 STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.

- 2. LENGTH AS REQUIRED, BUT NOT LESS THAN 100 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 TEN (10) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE
- INGRESS AND EGRESS OCCURS.

 5. FILTER CLOTH WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
 FILTER WILL NOT BE REQUIRED ON A SINGLE FAMILY RESIDENCE LOT.
- 6. SURFACE WATER ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION 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. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATLY.
- 8. WASHING WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- 9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

STABILIZED CONSTRUCTION
ENTRANCE
NTS

GRADING & EROSION CONTROL NOTES:

ACCORDANCE WITH CURRENT NYSDEC REGULATIONS.

1. CONTRACTOR SHALL CLEAR THE PERIMETER OF THE CONSTRUCTION AREA AND PLACE EROSION CONTROL MEASURES PRIOR TO COMMENCING WORK. EROSION CONTROL DEVICES TO BE MAINTAINED BY THE CONTRACTOR UNTIL GROUND COVER HAS BEEN ESTABLISHED AND REMOVAL IS APPROVED BY THE TOWN. CRUSHED STONE STABILIZATION PADS TO BE PLACED AT THE CONSTRUCTION ENTRANCES. IF BUILDING AND SITE WORK TO BE SECTIONS, CLEARING LIMITS SHOULD NOT EXCEED AREA NECESSARY TO CONSTRUCT EACH SECTION OF CONSTRUCTION.

2. THE REMAINDER OF THE SITE IS TO BE CLEARED AND GRUBBED AS DIRECTED BY THE ENGINEER. APPROVAL FOR ANY ON— SITE BURIAL MUST BE OBTAINED FROM THE TOWN PRIOR TO COMMENCING WORK—OTHER DEBRIS SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR IN

3.TOPSOIL SHALL BE STRIPPED FROM ALL DISTURBED AREAS AND STOCKPILED IN AREAS DESIGNATED BY THE OWNER AND THE TOWN, CONTRACTOR IS TO PERFORM THE EARTHWORK MAKING ALL CUTS AND FILLS AS SHOWN ON THE PLANS AND PER FIELD STAKEOUT. UPON COMPLETION OF HOUSE CONSTRUCTION, TOPSOIL SHALL BE REPLACED TO A DEPTH OF SIX (6) INCHES TO ACHIEVE FINAL GRADING ELEVATION.

4. AS EARTHWORK IS IN PROGRESS EROSION CONTROL DEVICES SHALL BE INSTALLED AS SLOPES ARE DISTURBED OR CREATED. SLOPES SHALL BE STABILIZED AS SOON AS WORK ON THEM IS COMPLETED, SLOPES AT 3:1 OR GREATER SHALL BE TRACKED AND SEEDED. SLOPES SHALL BE SEEDED AS SOON AS POSSIBLE AFTER COMPLETION OF WORK

5. IN AREAS WHERE SOIL DISTURBANCE ACTIVITY HAS BEEN TEMPORARILY OR PERMANENTLY CEASED, TEMPORARY AND/OR PERMANENT SOIL STABILIZATION MEASURES SHALL BE INSTALLED AND/OR IMPLEMENTED WITHIN SEVEN (7) DAYS FROM THE DATE THE SOIL DISTURBANCE ACTIVITY HAS CEASED. THE SOIL STABILIZATION MEASURES SHALL BE IN CONFROMANCE WITH THE MOST CURRENT VERSION OF THE TECHNICAL STANDARED,

6. UPON COMPLETION OF THE EARTHWORK, THE CONTRACTOR SHALL PROCEED WITH THE INSTALLATION OF ALL UNDERGROUND UTILITIES, AND SILT FENCE INLET AS SHOWN ON THE PLANS. THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE AGENCY PRIOR TO MAKING CONNECTION OR ALTERING ANY EXISTING UTILITIES.

7. THE PAVEMENT SUBBASE MATERIAL SHALL BE PLACED AND COMPACTED TO 95% MAXIMUM DENSITY.

8. DURING CONSTRUCTION, THE CONTRACTOR WILL BE RESPONSIBLE FOR REPLACING ANY SILT FENCE WHICH BECOME CLOGGED, INOPERABLE OR DAMAGED. SILT FENCE SHALL BE INSPECTED AT MAXIMUM INTERVALS OF THREE MONTHS FOR REPLACEMENT AND REPLACEMENT WILL BE DIRECTED TO BY THE TOWN. ALL EROSION AND SILTATION CONTROLS INCLUDING SILT FENCE AND DESILTATION SINKS WILL BE INSPECTED AFTER A STORM EVENT AND REQUIRED REPAIRS WILL BE MADE IMMEDIATELY.

9. EXISTING UNDERGROUND UTILITIES SHOWN HEREIN WERE PLOTTED FROM FIELD LOCATIONS AND/OR UTILITY COMPANY RECORD PLANS. PRIOR TO ANY CONSTRUCTION THE CONTRACTOR SHALL CALL THE UFPO HOTLINE AT 1-800-962-7962 FOR STAKE-OUT OF EXISTING UTILITIES,

10. CRUSHED STONE PAD SHALL BE INSTALLED AT CONSTRUCTION ENTRANCE TO PROVIDE A STABILIZED ENTRANCE POINT.

11. ANY SILT OR SEDIMENT ACCUMULATED IN EXISTING SWALES, STORM SEWERS, STREET AND/ OR GUTTERS SHALL BE CLEANED OUT DURING CONSTRUCTION.

12.DISTURBED AREAS SHALL BE STABILIZED, AND SLOPES GREATER THAN 10% SEEDED UPON COMPLETION OF GRADING AND CONSTRUCTION.
DISTURBED AREAS SHALL BE SEEDED IMMEDIATELY UPON COMPLETION WITH FOLLOWING MIXTURES:

Pennfine Perennial Rye Grass 35 85 85
Pennlawnred Fescue 35 97 80
Common Kentucky BlueGrass 30 85 85

SEEDING RATE: 5.0 LBS PER 1,000 SF
MULCH: HAY AS SPECIFIED AT TWO TONS PER ACRE WITH TACKIFIER AS SPECIFIED.
STARTING FERTILIZER: 5:10:10 AT 20 LBS PER 1,000 SF.

13. NO SITE PREPARATION SHALL COMMENCE UNTIL A SOIL AND SEDIMENTATION CONTROL PERMIT HAS BEEN ISSUED BY THE TOWN.

14. ALL DISTURBED AREAS TO BE RECLAIMED WITH 6" TOPSOIL.

15. THE STORMWATER POLLUTION PREVENTION PLAN PREPARED FOR THIS PROJECT IS INTEND TO CONFORM WITH THE NYSDEC GENERAL PERMIT GP 0-15-002 AND THE LOCAL TOWN MS4 REQUIREMENTS AND NYSDEC AUTHORITIES REGARDING THE CONTROL OF STORMWATER QUANTITY AND QUALITY. THE POLLUTION PREVENTION PLAN CONSISTS OF THE STORMWATER MANAGEMENT REPORT, THE PROJECT PLANS, INCLUDING THE GRADING, CONSTRUCTION EROSION CONTROL PLAN AND DETAIL. SHEET, AND THE TOWN DESIGN AND CONSTRUCTION SPECIFICATIONS REGARDING STORMWATER

16. THE OWNER IS RESPONSIBLE FOR IMPLEMENTING THE REQUIRED STORMWATER POLLUTION PREVENTION PLAN. THE OWNER'S CONTRACTOR, SUB—CONTRACTOR AND ALL OTHERS ASSOCIATED WITH THE IMPLEMENTATION OF THE PLAN SHALL BE FAMILIAR WITH THE PLAN AND DISCHARGES FROM CONSTRUCTION ACTIVITIES.

17. ANY MODIFICATIONS OR DEVIATIONS FROM THE STORMWATER POLLUTION PREVENTION PLAN, INCLUDING EROSION CONTROL MEASURES AND STORMWATER MANAGEMENT AREAS, SHALL BE DOCUMENTED BY THE OWNER WITH THE ENGINEER AND THE TOWN.

18. UPON COMPLETION OF CONSTRUCTION AND ESTABLISHMENT OF VEGETATION, THE SILT SINK IN THE STORMWATER MANAGEMENT AREA SHALL BE CLEANED OF ACCUMULATED SILT AND SEEDED WITH WETLAND TYPE VEGETATION TO PROVIDE PERMANENT FILTRATION OF STORMWATER.

19. THE HOME BUILDER WILL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING INDIVIDUAL LOT EROSION CONTROL MEASURES, PER THE DETAIL ON

DRAWING DURING HOUSE CONSTRUCTION. MEASURES TO BE MAINTAINED UNTIL FINAL LOT LAWN GRADING AND SEED IS COMPLETE.

20. ANY ADDITIONAL EROSION OR SEDIMENT CONTROL DEEMED NECESSARY BY THE TOWN OR A REPRESENTATIVE THEREOF SHALL BE PROVIDED BY

THE OWNER.

21. BRUSH AND TREES WILL BE BURIED OR REMOVED FROM SITE. NO BURNING WILL BE OCCUR.

22. THE CONTRACTOR SHALL PROVIDE MEANS TO WATER ALL SEEDED AREAS DURING PERIODS OF DROUGHT WITH A MINIMUM OF 1 INCH OF WATER PER WEEK UNTIL SEEDED AREAS REACH 80% GERMINATION.

23. ROLLED EROSION STABILIZATION FABRIC TO BE PROVIDED ON ALL DISTURBES SLOPES 1V: 3H OR STEEPER.

RADING MATES

1. THE CONTRACTOR SHALL LOCATE, MARK, SAFEGUARD, AND PRESERVE ALL SURVEY CONTROL MONUMENTS AND RIGHT—OF—WAY MONUMENTS IN THE AREAS OF CONSTRUCTION.

2. EROSION CONTROL MEASURES ARE TO BE ESTABLISHED PRIOR TO COMMENCING EARTHWORK. EROSION CONTROL SERVICES ARE TO BE MAINTAINED BY THE CONTRACTOR UNTIL UPSTREAM GROUND COVER HAS BEEN ESTABLISHED AND REMOVAL IS APPROVED BY THE TOWN. REFER TO THE PLANS AND THE TOWN SOIL EROSION AND SEDIMENTATION CONTROL SPECIFICATIONS FOR THE EROSION CONTROL DEVICES.

3. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING, REPLACING AND SUBSEQUENTLY REMOVING EROSION CONTROL DEVICES FOR THE DURATION

4. THE CONTRACTOR WILL PROVIDE CRUSHED STONE STABILIZED CONSTRUCTION ENTRANCE AT THE PROJECT ENTRANCE.

5. THE CONTRACTOR WILL BE RESPONSIBLE FOR PREVENTING SILT RUNOFF FROM ACCUMULATION OF THE EXISTING ROADS AND/OR BEING CONVEYED DOWNSTREAM. DIVERSIONARY BERMS, INTERCEPTORS SWALES AND CRUSHED STONE FILTERS SHALL BE EMPLOYED TO PROTECT DOWNSTREAM PROPERTIES.

6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING ADJOINING PROPERTIES, ROADWAYS, DRAINAGE WAYS AND SINKS OF SILT ACCUMULATION AS NEEDED AND AS DETERMINED/REQUESTED BY THE TOWN.

7. THE OWNER WILL BE RESPONSIBLE FOR IMPLEMENT THE REQUIRED STORMWATER POLLUTION PREVENTION PLAN, INCLUDING THE FILING OF A "NOTICE" OF INTENT PRIOR TO CONSTRUCTION START. THE OWNER HAS CONSTRUCTOR, SUB-CONTRACTOR AND ALL OTHER ASSOCIATES WITH THE IMPLEMENTATION OF THIS PLAN SHALL BE FAMILIAR WITH PLAN AND THE CONDITIONS OF THE NYSDEC GENERAL PERMIT GP-0-15-002 FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES.

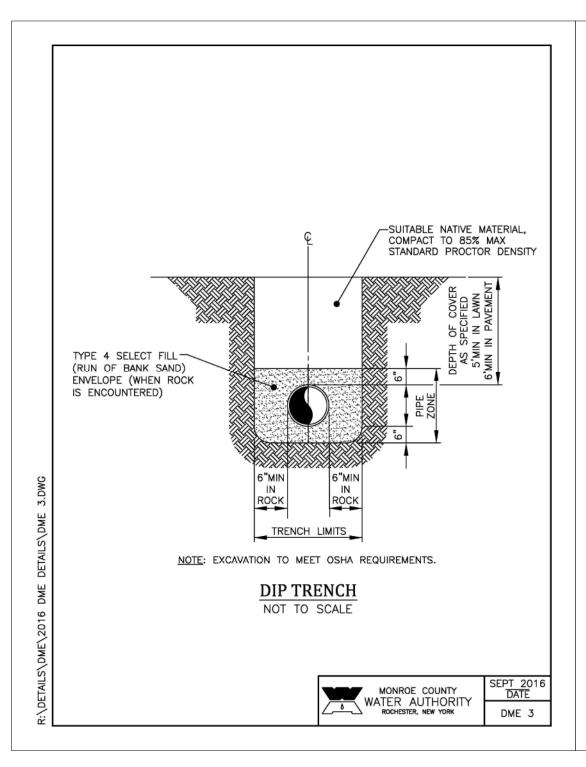
8. DUST SHALL BE CONTROLLED DURING CONSTRUCTION BY THE CONTRACTOR TO MINIMIZE THE EFFECT ON ADJACENT PROPERTIES. THE CONTRACTOR SHALL PERFORM DUST CONTROL MEASURES AS NEEDED AND AS DETERMINED/REQUESTED BY THE TOWN.

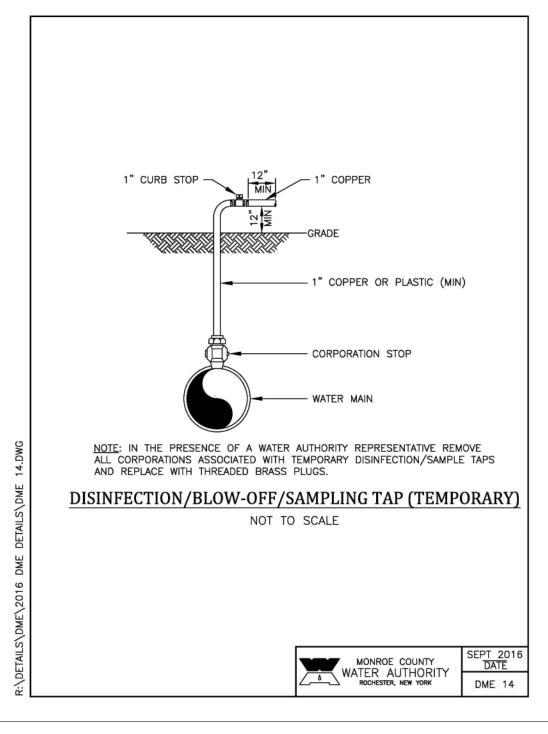
9. THE TOPSOIL SHALL BE SEEDED AFTER COMPLETION OF STRIPING.

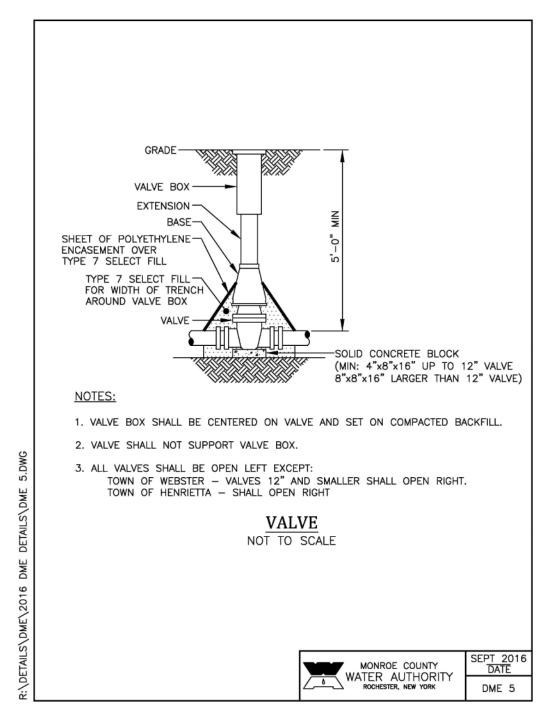
10. THE TOPSOIL STOCKPILE LOCATION SHALL BE APPROVED BY THE TOWN.

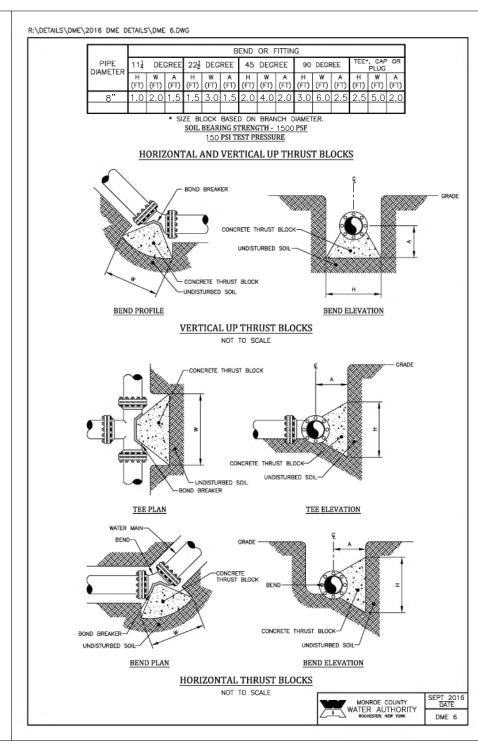
11. HOUSE PADS TO BE MASS GRADED DURING SITE WORK CONSTRUCTION TO AN ELEVATION 18 INCHES BELOW GRADE. FOR WALKOUTS, THE FRONT OF THE HOUSE PADS SHOULD BE GRADED TO AN ELEVATION 18 INCHES BELOW FINISH GRADE AND THE REAR ELEVATION SHOULD BE GRADED TO FINISH GRADE ELEVATIONS.

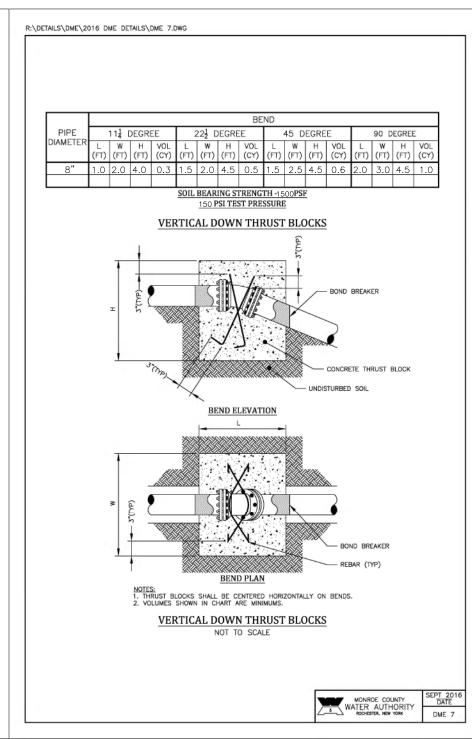
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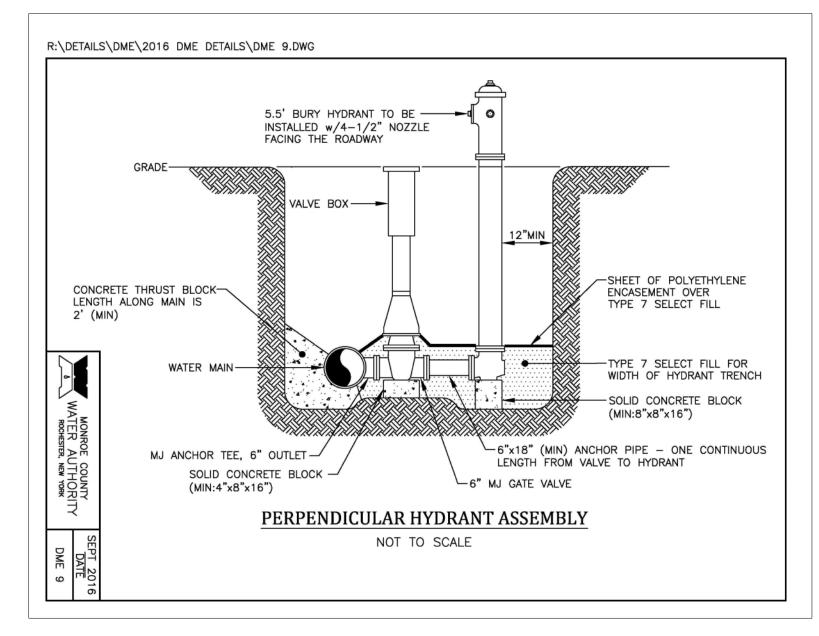


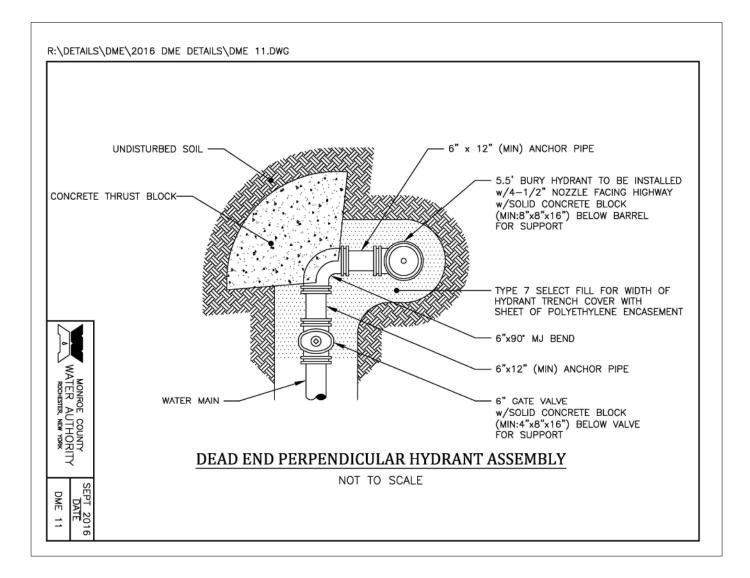


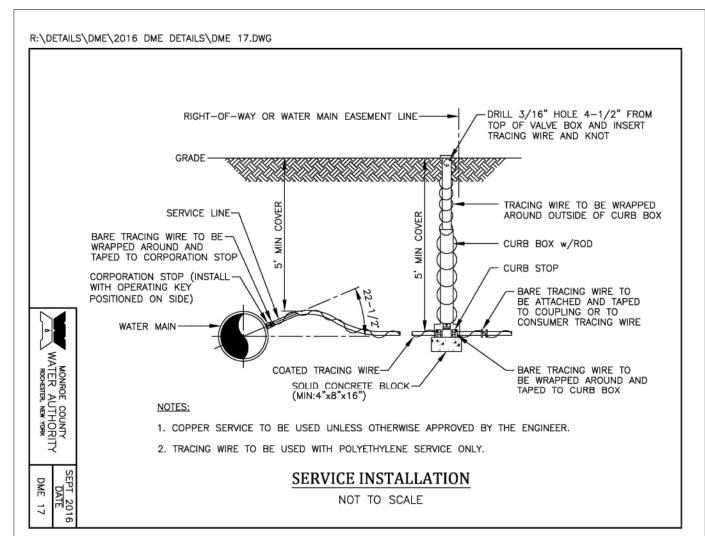












PUBLIC WATER SYSTEM NOTES Water mains and appurtenances to be constructed in accordance with the regulations and specifications of the Water Authority: Water main(s) shall be 8 __inch ductile iron cement-lined Class 52. Water service(s) shall be _____inch Type K Copper from the water main to the curb box and ______inch (Type K soft Copper or PE #4710) from the curb box to the meter. • Water meter(s) shall be located on the interior of exterior walls immediately upon service entrance into the building(s). On metered services requiring a 1 1/2-inch or larger meter a bypass around the meter is required. · All gate valves shall have stainless steel body and bonnet bolts. • Soil Test. The contractor shall provide a soil test evaluation to determine the need for polyethylene encasement per ANSI/AWWS C105/AZ1.5-82 prior to water main installation. Soil testing shall be conducted by an approved soil testing laboratory in accordance with Water Authority standards. • Pressure Test. Water mains to be pressure tested in accordance with the latest Water Authority specifications. A Water Authority representative must witness this test. • Health Sample. The water main shall be disinfected equal to AWWA Standard Specifications, designation C-651, by using the continuous feed method. After flushing and disinfecting the water main, water samples shall be collected from the main by the Monroe County Health Department. Fire hydrants are not acceptable sampling points. Approval and notification by the Health Department must be received before the main is placed in service. · Water mains and all water service lines shall have a minimum of five feet of cover from finished grade in lawn areas and a minimum of six feet of cover from finished grade in paved Minimum vertical separation between water main and sewer mains shall be 18" measured from the outside of the pipes at the point of crossing. Minimum horizontal separation between water mains and sewer mains shall be ten feet measured from the outside of the pipes. One full length of water main shall be centered under or over the sewer so that both joints will be as far from the sewer as possible. Where a water main crosses under a sewer, adequate structural support (compacted selected fill) shall be provided for the sewers to prevent excessive deflection of joints and settling on and breaking the water mains. Fire hydrant weep holes (drains) shall be plugged when ground water is encountered within seven feet of the finished grade. All mechanical joint fittings (tees, bends, plugs, etc.) shall be backed with 2500 psi concrete thrust blocks of appropriate size to provide thrust restraint. MONROE COUNTY WATER AUTHORITY DME 28

THE SAMPLING POINT(S) MUST BE DECONTAMINATED BY FLAMING. FIRE HYDRANTS ARE NOT ACCEPTABLE SAMPLING POINTS. THE MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH MUST RECEIVE AT LEAST 48-HOUR ADVANCE NOTIFICATION REQUESTING SAMPLING SERVICES. SAMPLING WILL NOT BE PERFORMED PRIOR TO RECEIPT FROM A NEW YORK STATE LICENSED OR REGISTERED DESIGN PROFESSIONAL (ENGINEER, ARCHITECT OR LAND SURVEYOR WITH A SPECIAL EXEMPTION UNDER SECTION 7208(N) OF THE EDUCATION LAW) CERTIFYING THAT THE WATER SUPPLY IMPROVEMENTS TESTING AND DISINFECTION PROCEDURES WERE COMPLETED IN ACCORDANCE WITH THE APPROVED PLANS. REPORTS, SPECIFICATIONS AND ANY APPROVED AMENDMENTS. THE DEPARTMENT WILL COLLECT SAMPLES FOR FREE CHLORINE RESIDUAL, TOTAL COLIFORM, ESCHERICHIA COLI (E. COLI) AND TURBIDITY. THE WATER MAIN PIPE AND APPURTENANCES SHALL NOT BE PLACED INTO SERVICE UNTIL SO AUTHORIZED BY THE MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH. 2. MINIMUM VERTICAL SEPARATION BETWEEN WATER MAIN PIPELINES AND SEWER PIPELINES SHALL BE 18 INCHES MEASURED FROM THE OUTSIDE OF THE PIPES AT THE POINT OF CROSSING. ONE FULL STANDARD LAYING LENGTH OF WATER MAIN PIPE SHALL BE CENTERED UNDER OR OVER THE SEWER SO THAT BOTH JOINTS WILL BE AS FAR FROM THE SEWER AS POSSIBLE. IN ADDITION, WHEN THE WATER MAIN PIPELINE PASSES UNDER A SEWER, ADEQUATE STRUCTURAL SUPPORT (COMPACTED SELECTED FILL) SHALL BE PROVIDED FOR THE SEWER TO PREVENT EXCESSIVE DEFLECTION OF JOINTS AND SETTLING OF THE SEWER ON THE WATER MAIN. MINIMUM HORIZONTAL SEPARATION BETWEEN PARALLEL WATER MAIN PIPES AND SEWER PIPES (INCLUDING MANHOLES AND VAULTS) SHALL BE 10 FEET MEASURED FROM THE OUTSIDE OF THE PIPES, MANHOLES OR VAULTS. 3. WHEN INSTALLING FIRE HYDRANTS, SHOULD GROUND WATER BE ENCOUNTERED WITHIN SEVEN (7) FEET OF THE FINISHED GRADE, FIRE HYDRANT WEEP HOLES (DRAINS) SHALL BE PLUGGED. 4. THE WATER MAIN PIPELINE AND APPURTENANCES SHALL BE PRESSURE/LEAKAGE TESTED IN ACCORDANCE WITH THE MINIMUM REQUIREMENTS OF THE AWWA STANDARD C600, C602, C604, OR C605 (MOST RECENT VERSION AS APPLICABLE) OR IN ACCORDANCE WITH MORE STRINGENT REQUIREMENTS IMPOSED BY THE SUPPLIER OF

GENERALLY PREVAILING IN THE SYSTEM

STANDARD WATER MAIN EXTENSION NOTES:

1. THE WATER MAIN PIPELINE SHALL BE DISINFECTED EQUAL TO AWWA STANDARD FOR

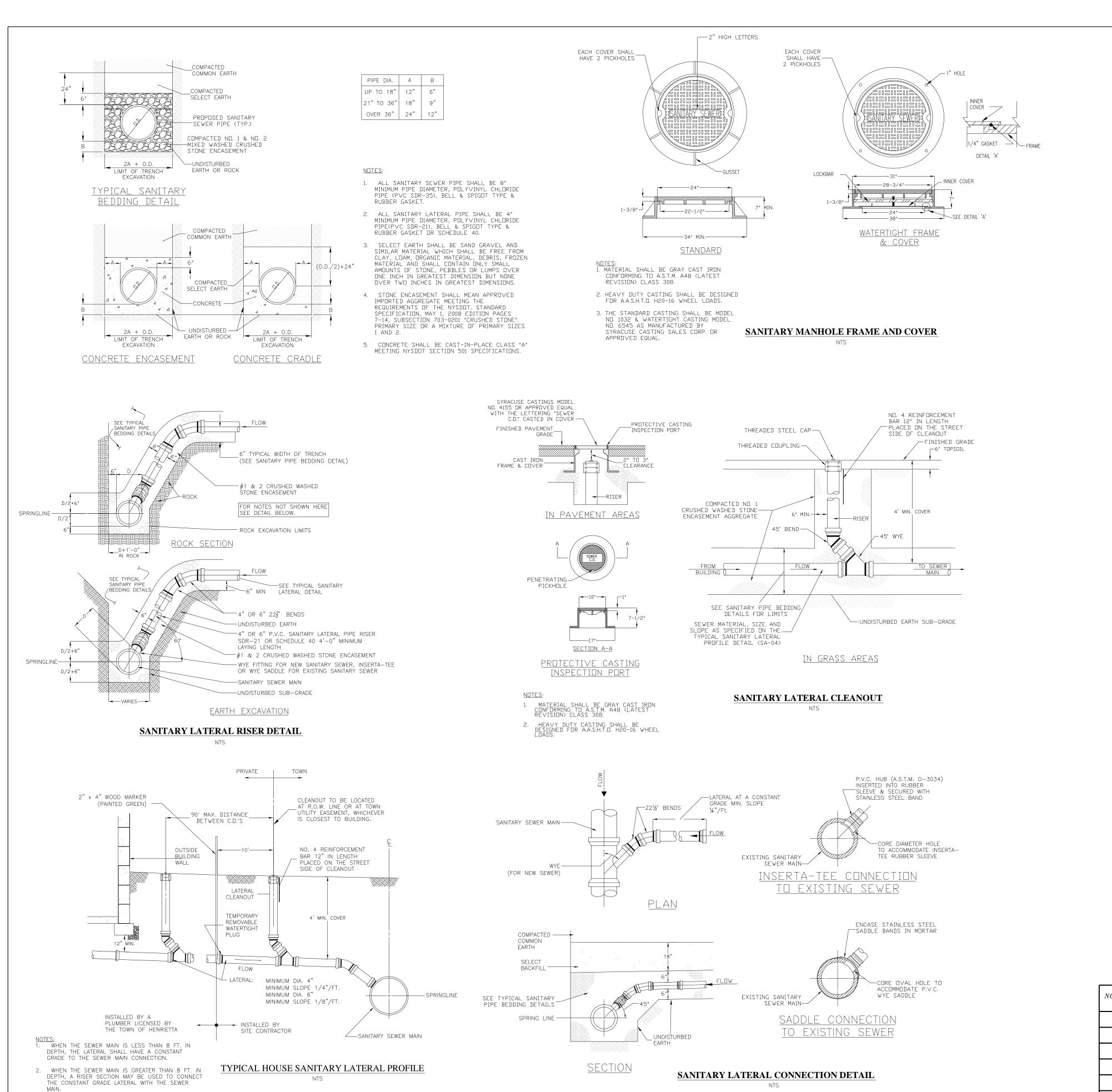
DISINFECTING WATER MAINS DESIGNATION C651 (LATEST REVISION). FOLLOWING DISINFECTION, THE WATER MAIN PIPELINE SHALL BE FLUSHED UNTIL THE CHLORINE

ALL WATER MAIN PIPE FITTINGS NOT RECEIVING 24-HOUR CHLORINE DISINFECTION

CONTACT TIME MUST BE SWAB-DISINFECTED 30 MINUTES PRIOR TO INSTALLATION.

CONCENTRATION IN THE WATER LEAVING THE MAIN IS NO HIGHER THAN THAT

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				*	QUEENS PARK PHASE 3 SUBDIVISION
				PROFESSIONALE	DETAILS AND NOTES
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3. FOR "HUNG" PLUMBING, PROVIDE 4' MIN. COVER OVER LATERAL AT THE BASEMENT WALL AND ALONG

4. THE MATERIAL FOR THE SANITARY LATERAL SHALL

THE ROUTE OF THE LATERAL.

BE PVC SDR-21

SANITARY SEWER EXTENSION NOTES

- 1. ALL WORK AND MATERIAL FOR THIS PROJECT SHALL CONFORM TO THE TOWN OF HENRIETTA SANITARY SEWER SYSTEM STANDARDS WITH ITS LATEST REVISIONS.
- 2. SANITARY SEWER PIPE TO BE PVC SDR-35 SANITARY LATERAL PIPE TO BE PVC SDR-21.
- 3. MAXIMUM ALLOWABLE INFILTRATION OR EXFILTRATION SHALL NOT EXCEED 100 GALLONS PER INCH DIAMETER PER MILE OF PIPE PER DAY FOR THE SANITARY SEWER. IF AN AIR TEST IS USED, THE TEST AS A MINIMUM SHALL CONFORM TO THE PROCEDURE DESCRIBED IN ASTM DESIGNATION C828-86 ENTITLED PRACTICE FOR LOW-PRESSURE AIR TEST OF VITRIFIED CLAY PIPE LINES. SANITARY MANHOLES SHALL BE VISUALLY INSPECTED AND TESTED FOR LEAKAGE BY EXFILTRATION OR VACUUM. VACUUM TESTING OF MANHOLES SHALL COMPLY WITH THE METHOD OUTLINED IN THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION TECHNICAL INFORMATION PAMPHLET (TIP) NO. 15 (REVISED).
- 4. FLOOR DRAINS, IF CONSTRUCTED IN THE PROJECT, MUST BE CONNECTED TO THE SANITARY SEWER. NOTE: FLOOR DRAINS DO NOT INCLUDE FOUNDATION OR FOOTER DRAINS INSTALLED TO INTERCEPT UNCONTAMINATED GROUND WATER. ALL DISCHARGES FROM THE FLOOR DRAINS TO THE SANITARY SEWER MUST COMPLY WITH THE EFFLUENT LIMITS OF THE LOCAL AND/OR THE MONROE COUNTY SEWER USE LAW.
- 5. DEFLECTION TESTS SHALL BE PERFORMED ON ALL FLEXIBLE PIPE. THE TEST SHALL BE CONDUCTED AFTER THE FINAL BACKFILL HAS BEEN IN PLACE AT LEAST 30 DAYS. NO PIPE SHALL EXCEED A DEFLECTION OF 5%. IF THE DEFLECTION TEST IS TO BE RUN USING A RIGID BALL OR MANDREL, IT SHALL HAVE A DIAMETER EQUAL TO 95% OF THE INSIDE DIAMETER OF THE PIPE. THE TEST SHALL BE PERFORMED WITHOUT MECHANICAL PUILING DEVICES.
- 6. ALL NEW SANITARY SEWER WILL BE VIDEOTAPED AFTER 30 DAYS OF COMPLETION OF CONSTRUCTION BY THE CONTRACTOR, AND SHALL BE SUBMITTED TO THE HENRIETTA TOWN ENGINEER FOR REVIEW AND ACCEPTANCE.
- 7. THE CONTRACTOR SHALL PROVIDE LOCATION MARKERS TO WHICH NEW LATERALS ARE INSTALLED (END LOCATION).
- 8. MINIMUM VERTICAL SEPARATION BETWEEN WATER MAINS AND SEWER LINES SHALL BE 18 INCHES MEASURED FROM THE OUTSIDE OF THE PIPES AT THE POINT OF CROSSING. ONE FULL STANDARD LAYING LENGTH OF WATER MAIN SHALL BE CENTERED UNDER OR OVER AS POSSIBLE. IN ADDITION, WHEN THE WATER MAIN PASSES UNDER A SEWER, ADEQUATE STRUCTURAL SUPPORT (COMPACTED SELECTED FILL) SHALL BE PROVIDED FOR THE SEWER TO PREVENT EXCESSIVE DEFLECTION OF JOINTS AND SETTLING OF THE SEWER ON THE WATER MAIN. MINIMUM HORIZONTAL SEPARATION BETWEEN PARALLEL WATER MAINS AND SEWER PIPES (INCLUDING MANHOLES AND VAULTS) SHALL BE 10 FEET MEASURED FROM THE OUTSIDE OF THE PIPES, MANHOLES OR

SITE GENERAL NOTES:

- 1. ALL THE IMPROVEMENTS SHALL BE CONSTRUCTED ACCORDING TO THE SPECIFICATION OF THE TOWN OF HENRIETTA.
- 2. ALL ROADWAY CONSTRUCTION TO BE IN ACCORDANCE WITH THE SPECIFICATION AND REGULATIONS SET FORTH BY THE TOWN OF HENRIETTA, N.Y.S.D.O.T. AND M.C.D.P.W.
- 3. ALL SITE WORK IS TO BE IN COMPLIANCE WITH THE STANDARDS OF THE TOWN OF HENRIETTA.
- 4. THE PRESERVATION OF ALL THE MATURE TREES ON THE SITE WHERE POSSIBLE AND THE MARKING OF SAID TREES BY THE DEVELOPER'S ENGINEER OF TREES TO BE REMOVED PRIOR TO
- THE COMMENCEING OF ANY SITE WORK.

 5. THE DEVELOPER WILL COMPLY WITH ALL REQUIREMENTS OF THE STATE, COUNTY AND TOWN AGENCY.
- 6. ANY AND ALL COSTS RELATED TO THE RELOCATION OF UTILITIES NECESSITATED BY THIS PROJECT SHALL BE BORNE BY THE INDIVIDUAL AND/OR THE UTILITY COMPANY REQUESTING THE RELOCATION.
- 7. A RECORD UTILITY PLAN SHALL BE PROVIDED TO THE TOWN ENGINEERING DEPARTMENT. THIS PLAN SHALL INDICATE ALL UTILITY IMPROVEMENTS INCLUDING WATER VALVES, HYDRANTS MANHOLES, PIPE RUNS AND SURFACE FEATURES SUCH AS GUTTERS, CURBS, ETC. IN ACCORDANCE WITH THE TOWN'S RECORD DRAWING REQUIREMENTS FOR UTILITIES. INDIVIDUAL LOT UTILITY SERVICE MAPS SHALL BE PROVIDED TO THE TOWN'S ENGINEERING DEPARTMENT. EACH MAP SHALL INDICATE SWING TIE DIAGRAMS FOR WATER CURB BOXES AND ALL LATERAL CLEANOURS.
- 8. HYDRANTS MUST BE INSTALLED AND FLOW—TESTED BEFORE ABOVEGROUND CONSTRUCTION IS RECOMMENDED. FLOW TESTS SHALL COMPLY WITH THE SPECIFICATIONS OF THE INSURANCE SERVICES OFFICE TO PRODUCE AN A—RATING.
- 9. NO ABOVEGROUND CONSTRUCTION IS TO COMMENCE UNTIL AN APPROVED ROADWAY BASE CAPABLE OF CARRYING THE WEIGHT OF FIRE APPARATUS IS INSTALLED.

GENERAL UTILITY NOTES

- 1. LOCATION OF EXISTING STRUCTURES INCLUDING UTILITIES SHOWN ON THE DRAWINGS ARE INTENDED FOR GENERAL INFORMATION ONLY.
- 2. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION AND ELEVATION OF UNDERGROUND UTILITIES BEFORE COMMENCING CONSTRUCTION. EXPLORATORY EXCAVATION SHALL BE MADE SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS AS REQUIRED TO MEET THE EXISTING CONDITIONS. THE CONTRACTOR SHALL TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN ON THESE PLANS AND ANY OTHER LINES NOT SHOWN NOR OF RECORD. ANY EXPENSE DUE TO THE LOSS OF TIME SHALL BE AT THE CONTRACTORS EXPENSE.
- ALL THICKNESS SHOWN ON THE DETAILS ARE COMPACTED.
 EROSION AND SEDIMENT CONTROL MEASURES AND SEQUENCE OF IMPLEMENTATION SHALL FOLLOW THE LATEST NEW YORK STATE GUIDELINES FOR URBAN EROSION AND SEDIMENT CONTROL.
- 5. ALL UTILITIES SHALL BE NOTIFIED BY THE CONTRACTOR PRIOR TO EXCAVATION. CALL BEFORE YOU DIG UNDERGROUND FACILITIES PROTECTION ORGANIZATION UTILITY COORDINATION COMMITTEE 1—800—962—7962.

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