D.S.B.

ENGINEERS & ARCHITECTS, P.C. 2394 Ridgeway Avenue, Rochester, N.Y. 14626 (585) 271-5230

Fax: (585) 271-3488

E-mail:

August 26, 2022

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

RE: Preliminary Approval for Queens Park Phase 3, 4 Lot Subdivision

Dear Board Members,

On behalf of our client, Forest Creek Equity Corp., we respectfully request to be placed on the September 20, 2022, Planning Board agenda to review and approve the above referenced project. As the Board will recall, we reviewed the proposal and a public hearing at the July 19, 2022, meeting for the 4-2 acre minimum lots on Martin Road.

Based on the comments received at the Board, the Town Engineer and the public hearing we have revised the plans and offer the following community benefits.

- 1. Installation of a dedicated public sanitary sewer system the full length of the property to make the sanitary sewer available to the adjacent properties.
- 2. Installation of a dedicated public water main system the full length of the property to make the water main available to the adjacent properties.
- 3. Provide a sanitary sewer easement along the east side of Lot #4 to allow sewer access for the adjacent properties along East River Road.
- 4. Provide a private sanitary sewer wye connection and easement on Lot # 3 to the N/F Mary Cariola property.
- 5. Installation of a 5' wide concrete sidewalk from the Preserve Section 10 Subdivision along and within the right of way of York Bay Trail to Chesapeake Landings Road gutter line, upon acceptance of dedication on Section 10 of the Preserve.

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

- Five (5) Letters of Intent
- Five (5) Preliminary Sets of Plans

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.

Schedule A

Sanitary Sewer Easement

Lots 1 - 4
To The Town of Henrietta

Queens Park Subdivision Phase 3

ALL THAT TRACT OR PARCEL OF LAND situated in the Town of Henrietta, County of Monroe, and State of New York more particularly described as follows:

COMMENCING at a point on the northerly right of way of Martin Road and the southeasterly property corner of Lot 4, being the POINT OF BEGINNING; thence,

- 1. South 87° 28' 48" West a distance of 895.28 feet to a point; thence,
- 2. North 25° 56' 07" West a distance of 80.69 feet to a point; thence,
- 3. North 48° 29' 39" East a distance of 20.79 feet to a point; thence,
- 4. South 25° 56' 07" East a distance of 73.13 feet to a point; thence,
- 5. North 87° 28' 48" East a distance of 865.11 feet to a point; thence,
- 6. North 06° 38' 32" East a distance of 100.93 feet to a point; thence,
- 7. North 07° 36' 09" East a distance of 110.93 feet to a point; thence,
- 8. North 13° 46' 09" East a distance of 243.47 feet to a point; thence,
- 9. South 76° 36' 35" East a distance of 15.00 feet to a point; thence,
- 10. South 13° 46' 09" West a distance of 243.30 feet to a point; thence,
- 11. South 07° 36' 09" West a distance of 110.99 feet to a point; thence,
- 12. South 06° 38' 32" West a distance of 119.64 feet to the PLACE AND POINT OF BEGINNING

All as shown on plan prepared by D.S.B. Engineers & Architects, P.C., entitled "Plat Plan Phase 3", Queens Park Subdivision, Project No. 22-0622.

Schedule A

Sanitary Sewer Easement

Lots 3 To Mary Cariola Tax Map # 188.03-01-052.001

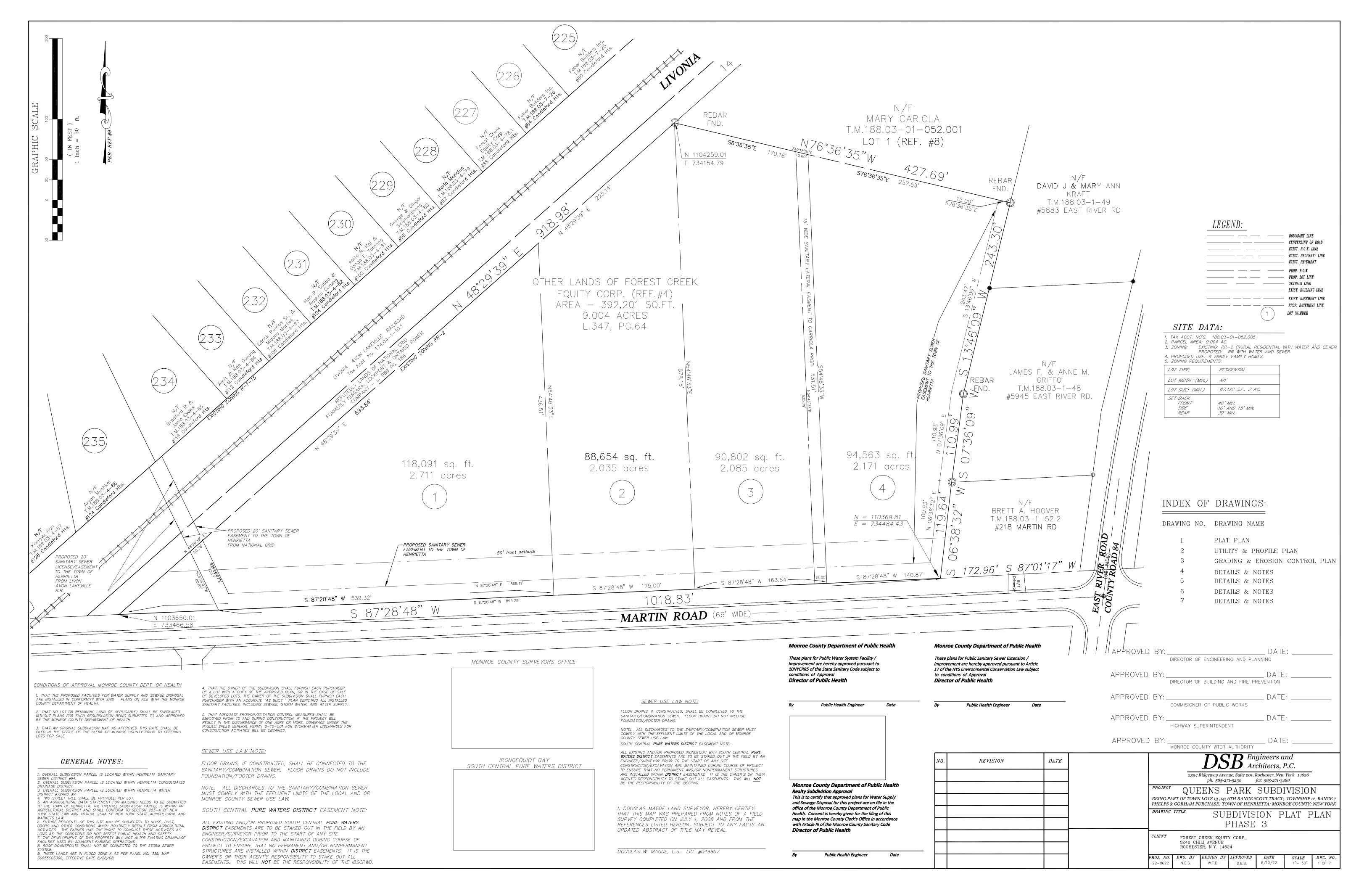
Queens Park Subdivision Phase 3

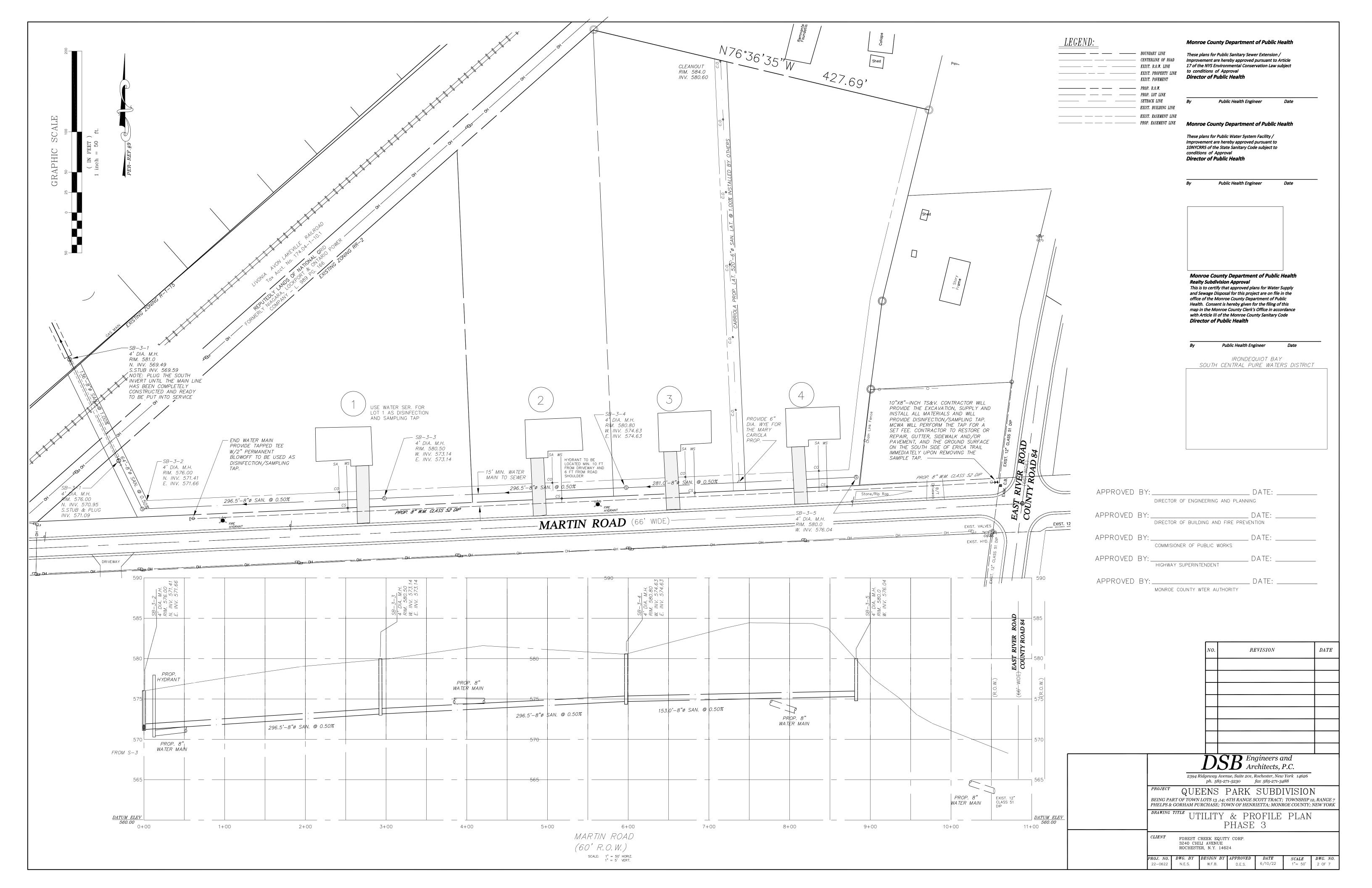
ALL THAT TRACT OR PARCEL OF LAND situated in the Town of Henrietta, County of Monroe, and State of New York more particularly described as follows:

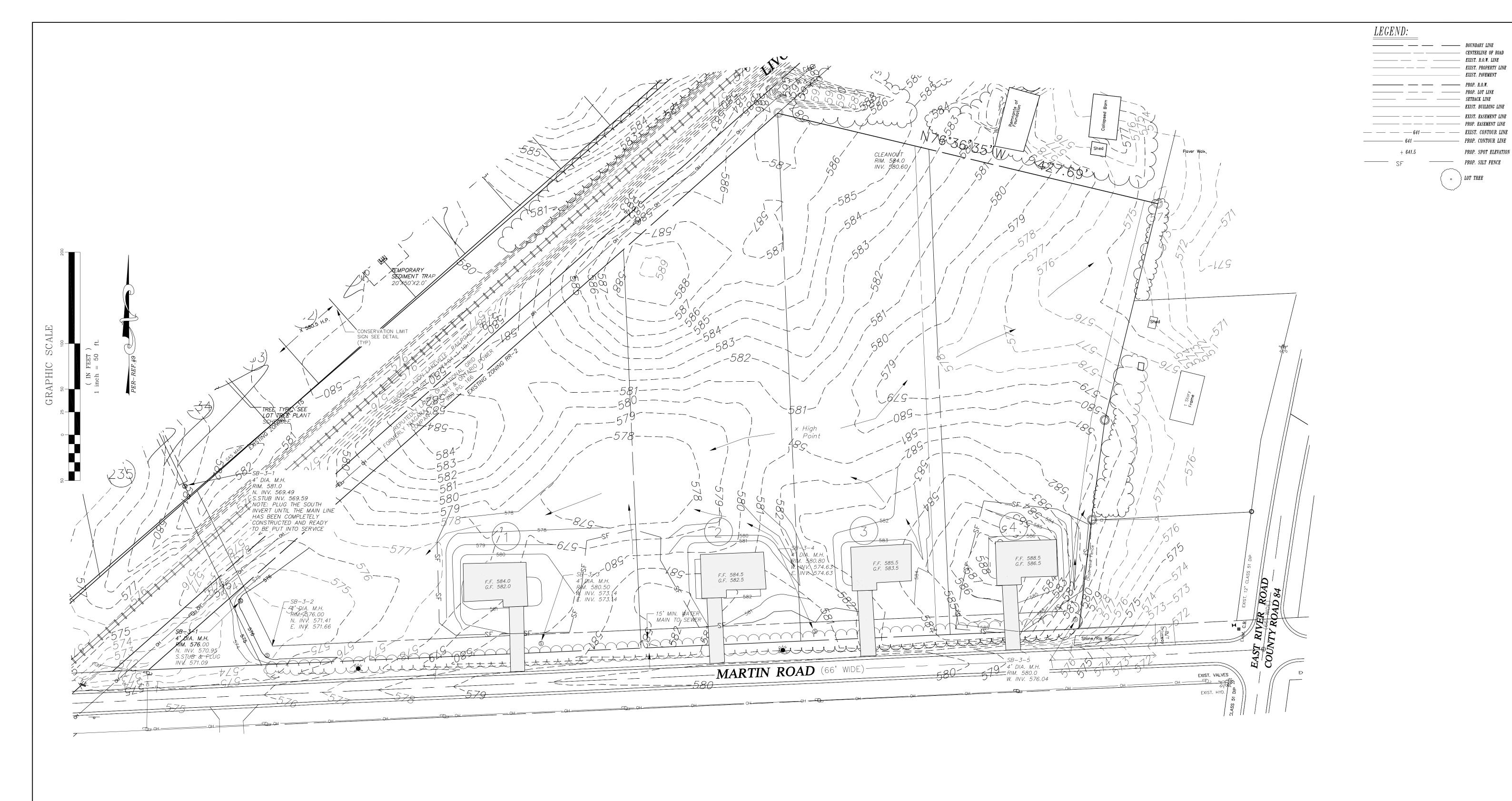
COMMENCING at a point on the northerly right of way of Martin Road and the southeasterly property corner of Lot 3, being the POINT OF BEGINNING; thence,

- 1. South 87° 28' 48" West a distance of 15.00 feet to a point; thence,
- 2. North 54° 46' 33" East a distance of 535.79 feet to a point; thence,
- 3. South 19° 18' 51" East a distance of 15.60 feet to a point; thence,
- 4. South 54° 46' 33" West a distance of 531.51 feet to the PLACE AND POINT OF BEGINNING

All as shown on plan prepared by D.S.B. Engineers & Architects, P.C., entitled "Plat Plan Phase 3", Queens Park Subdivision, Project No. 22-0622.







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 DETAILS AND NOTES FOR GRADING AND EROSION CONTROL NOTES.

4. 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.

5. PROPOSED GRADING AREA OF DISTRUBANCE IS 1.54 ACRES.

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:

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	СО	Celtis Occidentalis	Common Hackberry	2"-2.5" cal BB					

		,	
NOTE: LOT TREES (FRONT YARD AREA) SHALL	BE AS SHOWN ON	THE PLA	AN, OUTSIDE UTILLITY
EASEMENT GENERALLY EVERY LOT, WILL RECEIV	E TWO 2" - 2.5"	CAL.	
DECIDUOUS TREES, ALTERNATING SPECIES			

NO. REVISION	DATE	DSB Engineers and Architects, P.C.	
		2394 Ridgeway Avenue, Suite 201, Rochester, New York 14626 ph. 585-271-5230 fax 585-271-3488	
			PROJECT QUEENS PARK SUBDIVISION BEING PART OF TOWN LOTS 13,14; 6TH RANGE SCOTT TRACT; TOWNSHIP 12, RANGE PHELPS & GORHAM PURCHASE; TOWN OF HENRIETTA; MONROE COUNTY; NEW YOR
			GRADING & EROSION CONTROL PLAI PHASE 3
			CLIENT FOREST CREEK EQUITY CORP. 3240 CHILI AVENUE ROCHESTER, N.Y. 14624
			PROJ. NO. DWG. BY DESIGN BY APPROVED DATE SCALE DWG. N 22-0622 N.E.S. W.F.B. D.E.S. 6/10/22 1"= 50' 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 THREE (3) 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 FOLLOWING:

%	WEIGHT	% 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
CEEDING DATE, 200 LDC DED ACDE		•	•

- FERTILIZER: 10:10:10 RATE: 500 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 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 MYS 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 SELECTED.
- 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 T 30% ANNUAL RYE
- 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 Leyes.
- 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 THREE (3) 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

SPACING VARIES
DEPENDING ON
CHANNEL SLOPE

X

SAME ELEVATION
A

CREST
18" WIDE
6" DEEP

PROFILE
NOT TO SCALE

SECTION A-A
NOT TO SCALE

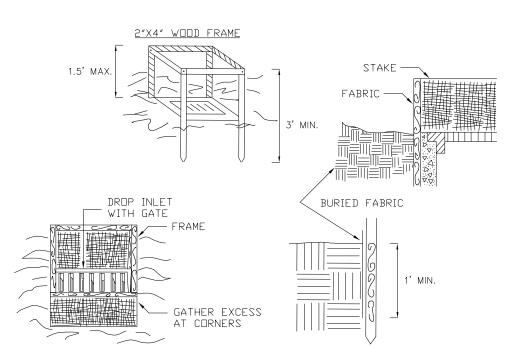
FILTER FABRIC

SECTION B-B
SECTION B-

CONSTRUCTION SPECIFICATIONS

- 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
- 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.)

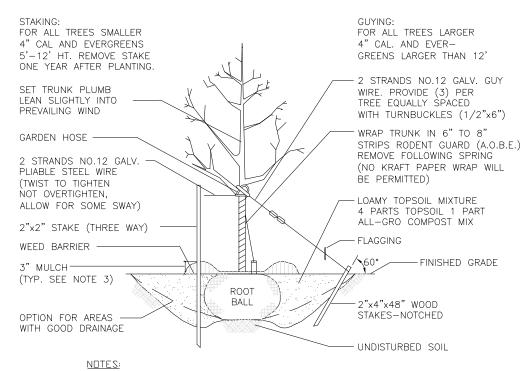


CONSTRUCTION SPECIFICATIONS

- FILTER FABRIC SHALL HAVE AN EOS OF 40-85, BURLAP MAY
- 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″ × 4″ WOOD OR EQUI∨ALENT 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.

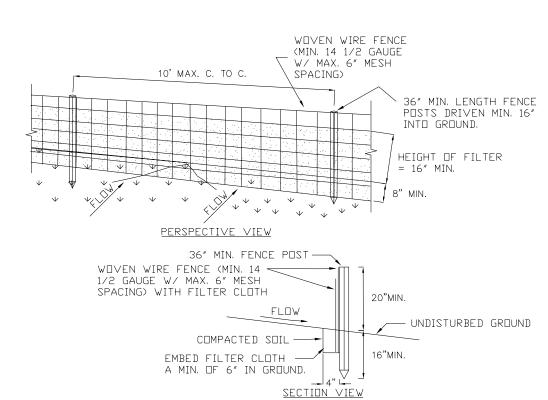
 MAXIMUN DRAINAGE AREA 1 ACRE

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.

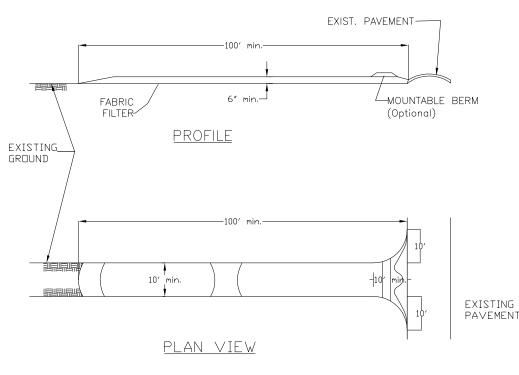
"BULGES" DEVELOP IN THE SILT FENCE.

- 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.
- 4. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.

 5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN

SILT FENCE (N.T.S.)



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.
- 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:

- 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 ACCORDANCE WITH CURRENT NYSDEC REGULATIONS.
- 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:

% By Weight % By Purity % Germ
Pennfine Perennial Rye Grass 35 85 85
Pennlawnred Fescue 35 97 80
Common Kentucky BlueGrass 30 85 80

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.

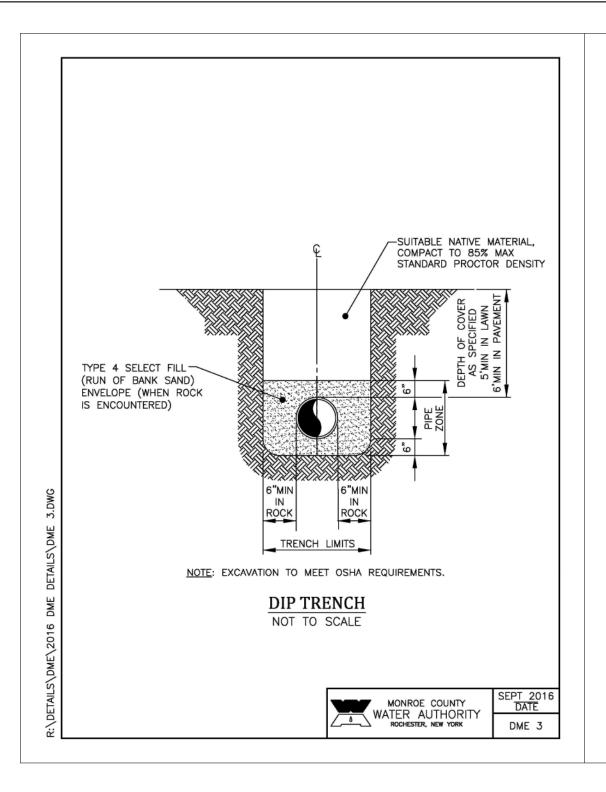
SEEDING RATE: 5.0 LBS PER 1,000 SF

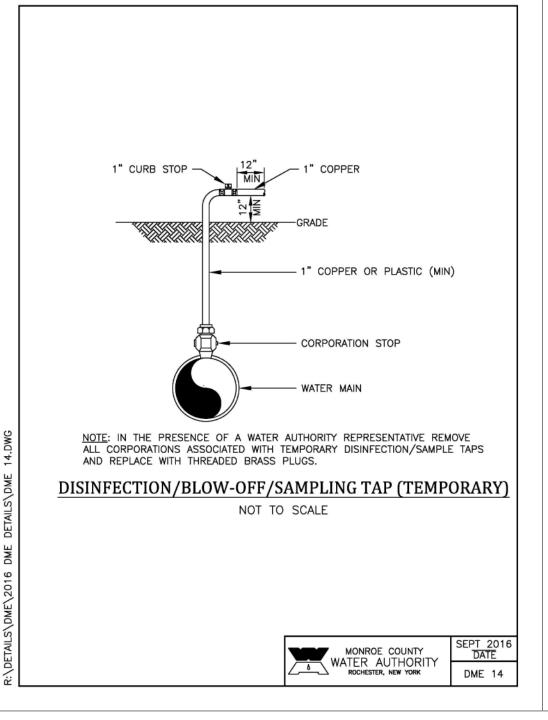
- 15. THE STORMWATER POLLUTION PREVENTION PLAN PREPARED FOR THIS PROJECT IS INTEND TO CONFORM WITH THE NYSDEC GENERAL PERMIT GP 0-15-002 AND THE LOCAL TOWN MS4 REQUIREMENTS AND NYSDEC AUTHORITIES REGARDING THE CONTROL OF STORMWATER QUANTITY AND QUALITY. THE POLLUTION PREVENTION PLAN CONSISTS OF THE STORMWATER 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.

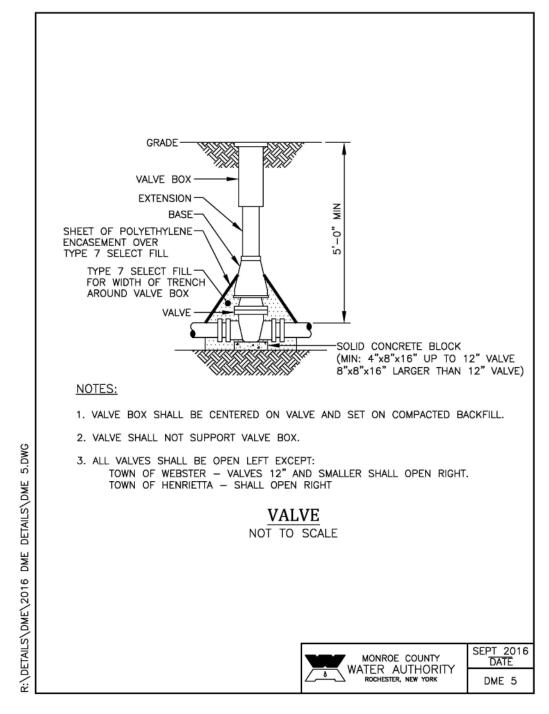
GRADING NOTES

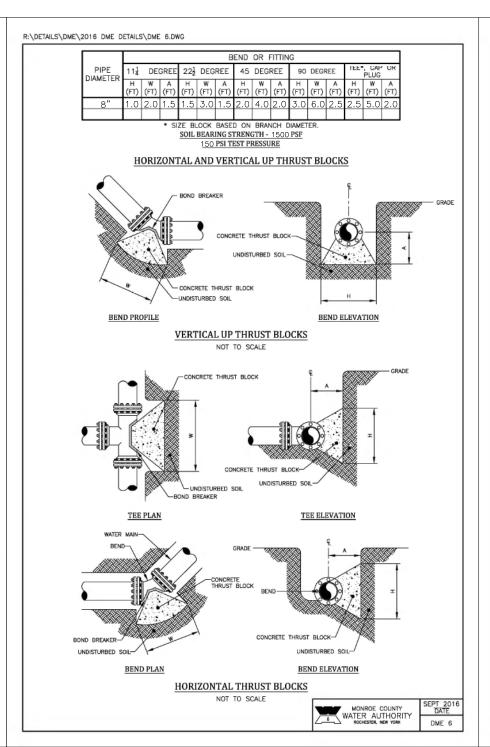
- 1. THE CONTRACTOR SHALL LOCATE, MARK, SAFEGUARD, AND PRESERVE ALL SURVEY CONTROL MONUMENTS AND RIGHT—OF—WAY MONUMENTS IN THE AREAS OF CONSTRUCTION.
- 2. EROSION CONTROL MEASURES ARE TO BE ESTABLISHED PRIOR TO COMMENCING EARTHWORK. EROSION CONTROL SERVICES ARE TO BE MAINTAINED BY THE CONTRACTOR UNTIL 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 OF THE CONTRACT.
- 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.

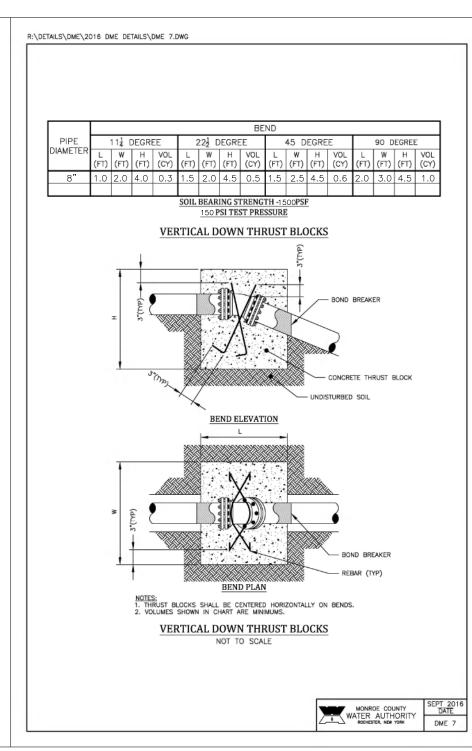
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				PROJECT
				QUEENS PARK PHASE 3 SUBDIVISION
				DRAWING TITLE
				DETAILS AND NOTES
				CLIENT FOREST CREEK EQUITY CORP. 3240 CHILI AVENUE ROCHESTER, N.Y. 14624
				PROJ. NO. DWG. BY DESIGN BY APPROVED DATE SCALE DWG. N 22-0622 N.E.S. W.F.B. D.E.S. 6/15/22 NTS 4 OF 7

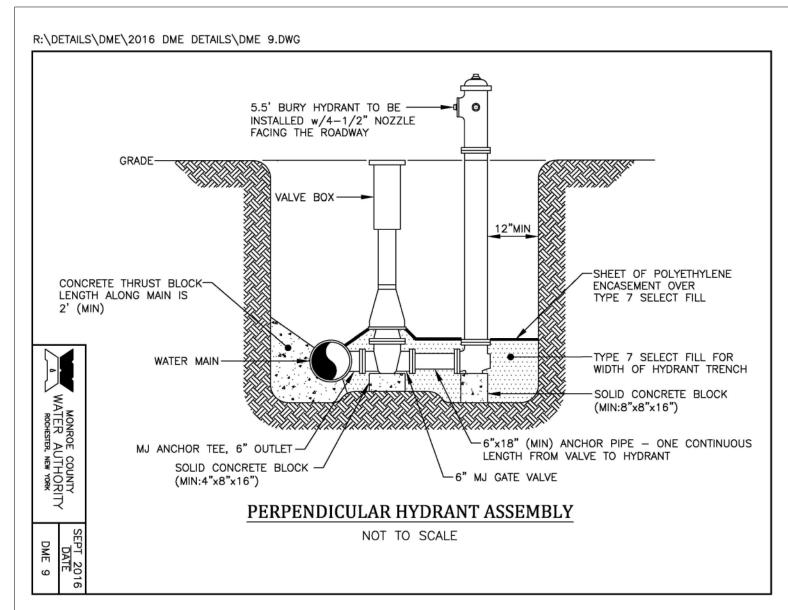


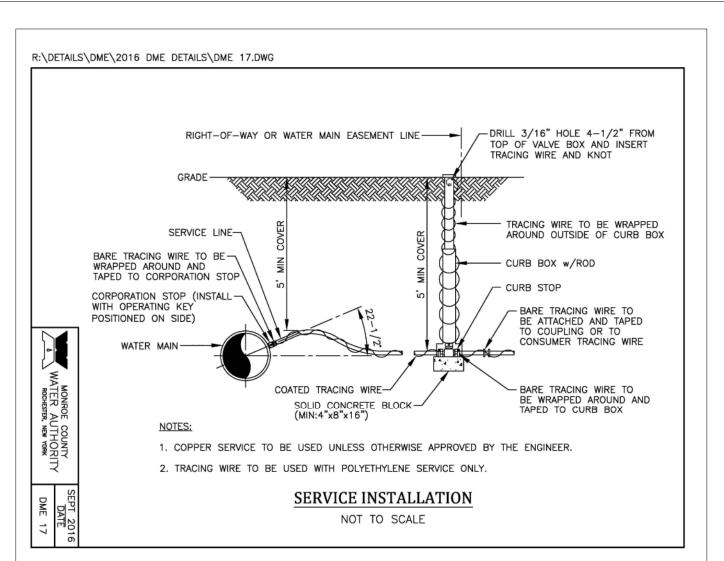


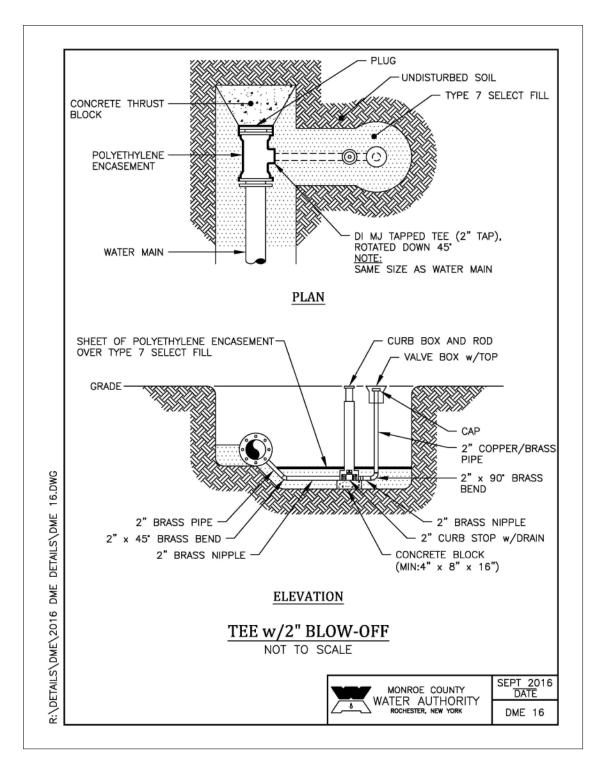












PUBLIC WATER SYSTEM NOTES

Water mains and appurtenances to be constructed in accordance with the regulations and specifications of the Water Authority:

Materia

- 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.

Tests:

- 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	SEPT 2017 DATE		
WATER AUTHORITY ROCHESTER, NEW YORK	DME 28		

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 CONCENTRATION IN THE WATER LEAVING THE MAIN IS NO HIGHER THAN THAT GENERALLY PREVAILING IN THE SYSTEM.
- ALL WATER MAIN PIPE FITTINGS NOT RECEIVING 24-HOUR CHLORINE DISINFECTION CONTACT TIME MUST BE SWAB-DISINFECTED 30 MINUTES PRIOR TO INSTALLATION.

THE SAMPLING POINT(S) MUST BE DECONTAMINATED BY FLAMING.

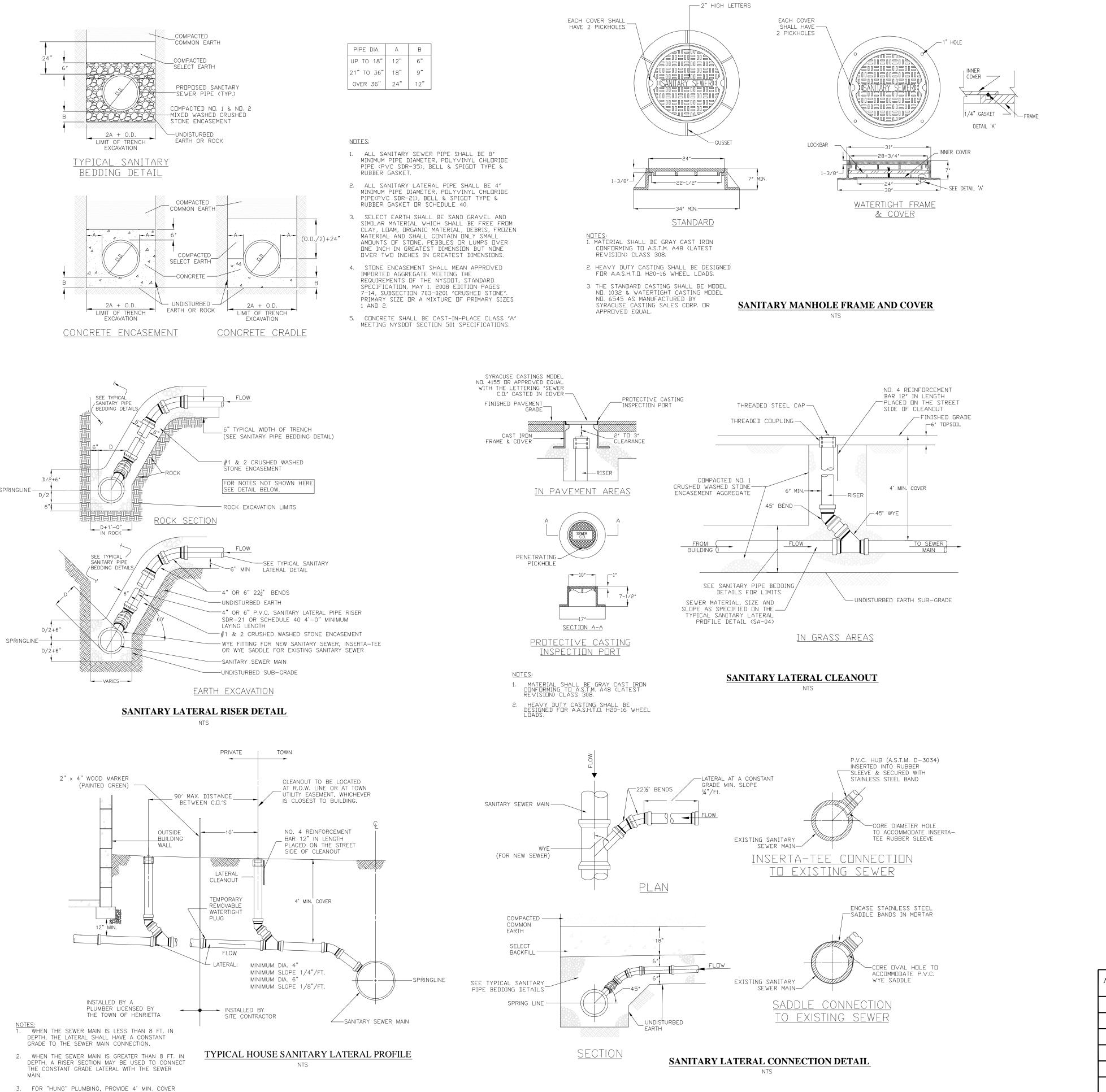
FIRE HYDRANTS ARE NOT ACCEPTABLE SAMPLING POINTS.

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 WATER

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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. AN AIR TEST WILL BE 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 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
- 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 WIHICH NEW LATERALS ARE INSTALLED (END
- 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 VAULTS

SITE GENERAL NOTES:

- 1. ALL THE IMPROVEMENTS SHALL BE CONSTRUCTED ACCORDING TO THE SPECIFICATION OF THE TOWN
- 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
- 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 CLEANOLITS.
- 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.

3. ALL THICKNESS SHOWN ON THE DETAILS ARE COMPACTED.

4. 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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