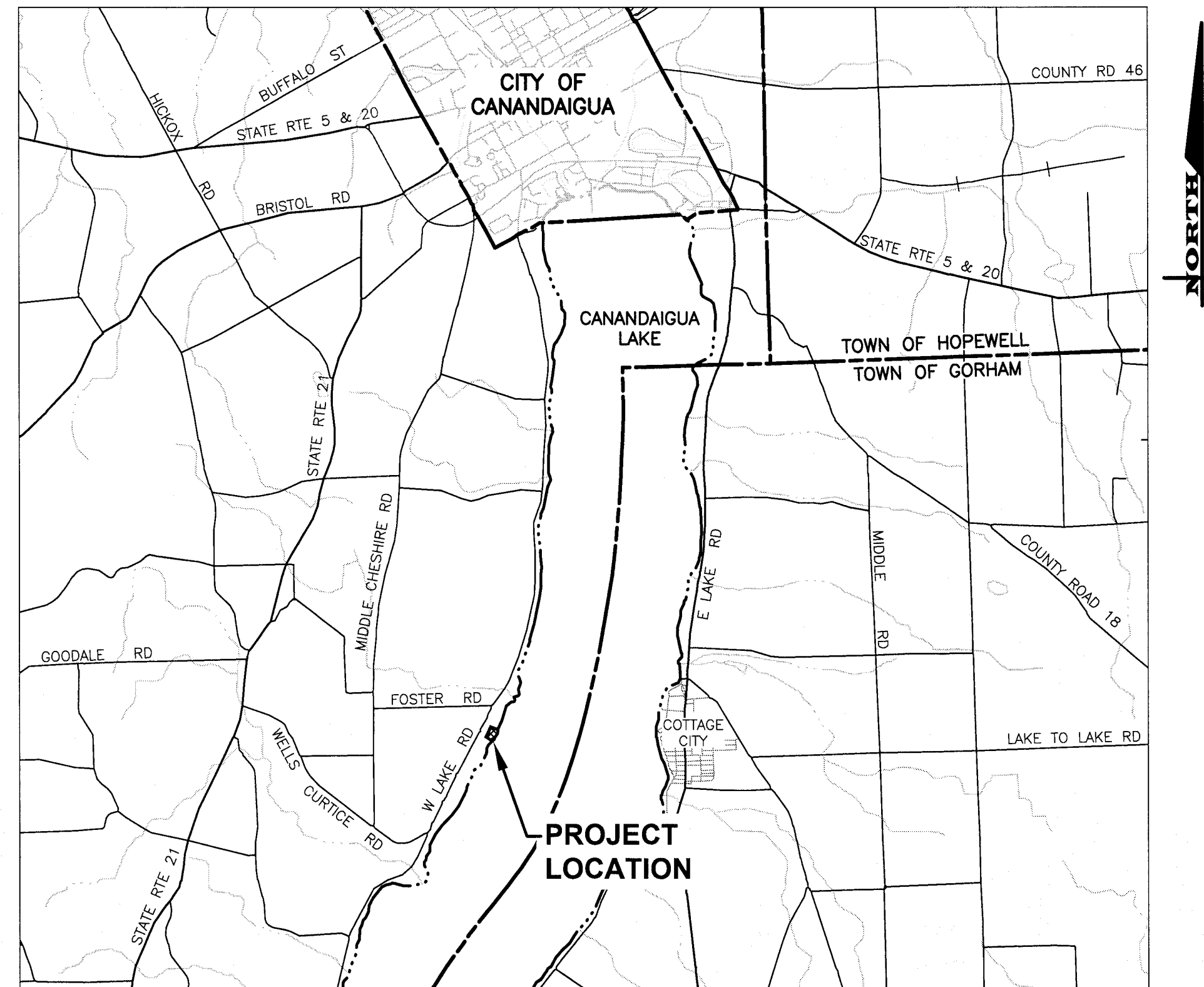


SITE PLANS for THE GILL RESIDENCE

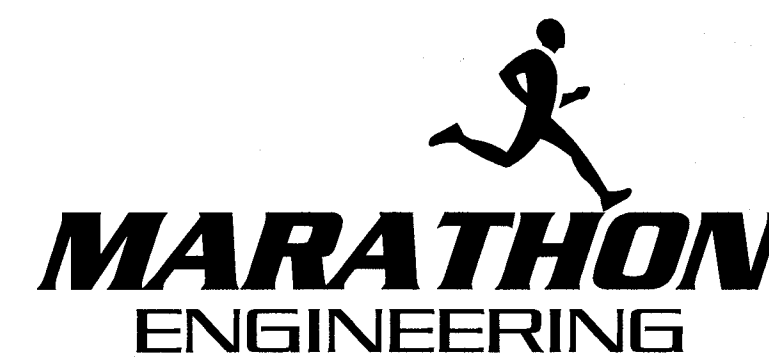
4495 DAVIDSON LANDING DR

SITUATE IN:
TOWN OF CANANDAIGUA - ONTARIO COUNTY - STATE OF NEW YORK



LOCATION MAP

NOT TO SCALE



ROCHESTER LOCATION

39 CASCADE DRIVE
ROCHESTER, NY 14614
585-458-7770

ITHACA LOCATION

840 HANSHAW RD, STE 12
ITHACA, NY 14850
607-241-2917

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LIST OF DRAWINGS		
No.	DWG. No.	DESCRIPTION
1	COVER	COVER
2	V1.0	EXISTING CONDITIONS PLAN
3	C2.0	SITE PLAN
4	C3.0	GRADING & UTILITY PLAN
5	C4.0	EROSION CONTROL AND STABILIZATION PLAN
6	C5.0	LANDSCAPING & RESTORATION PLAN

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NOTES

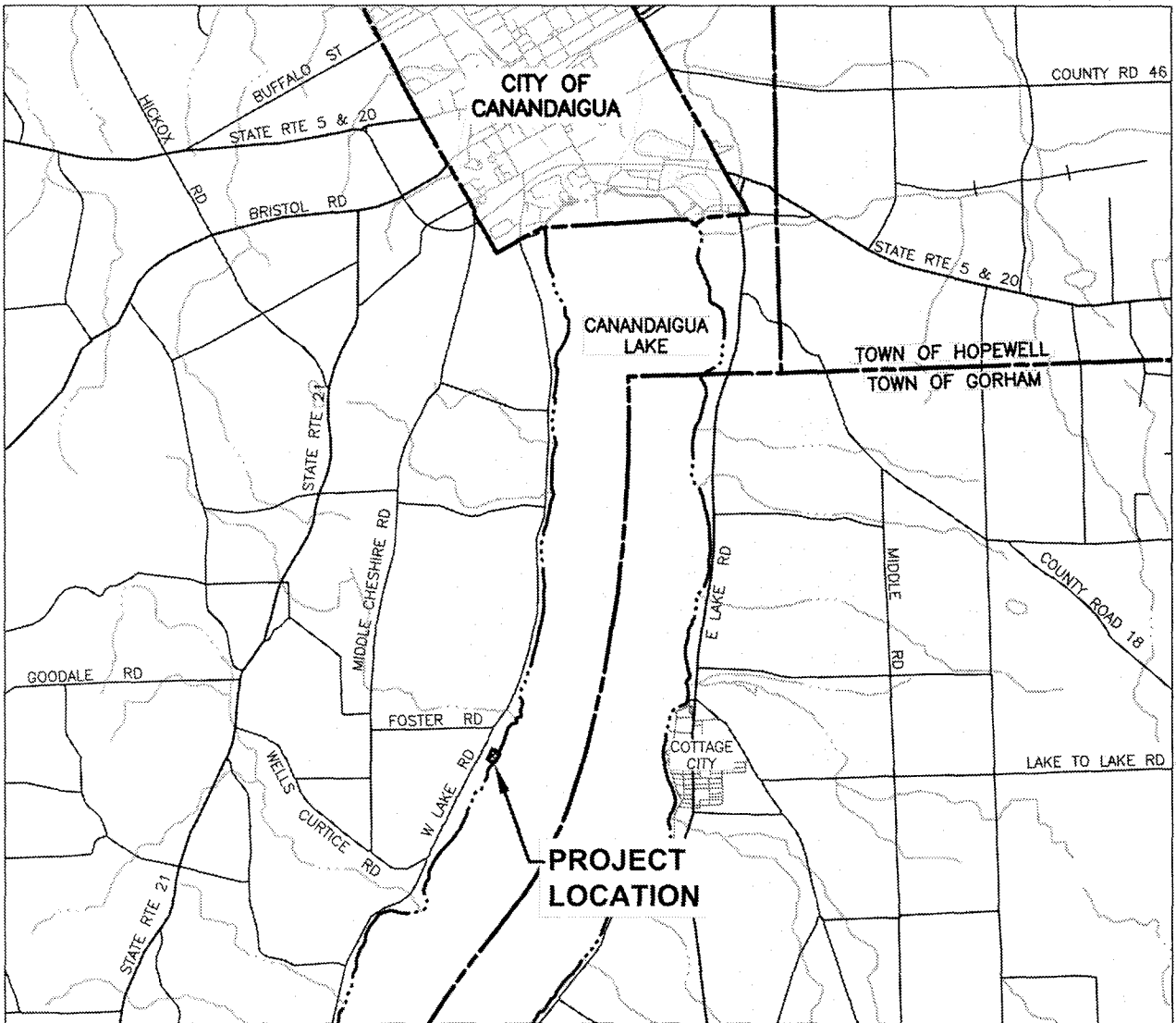
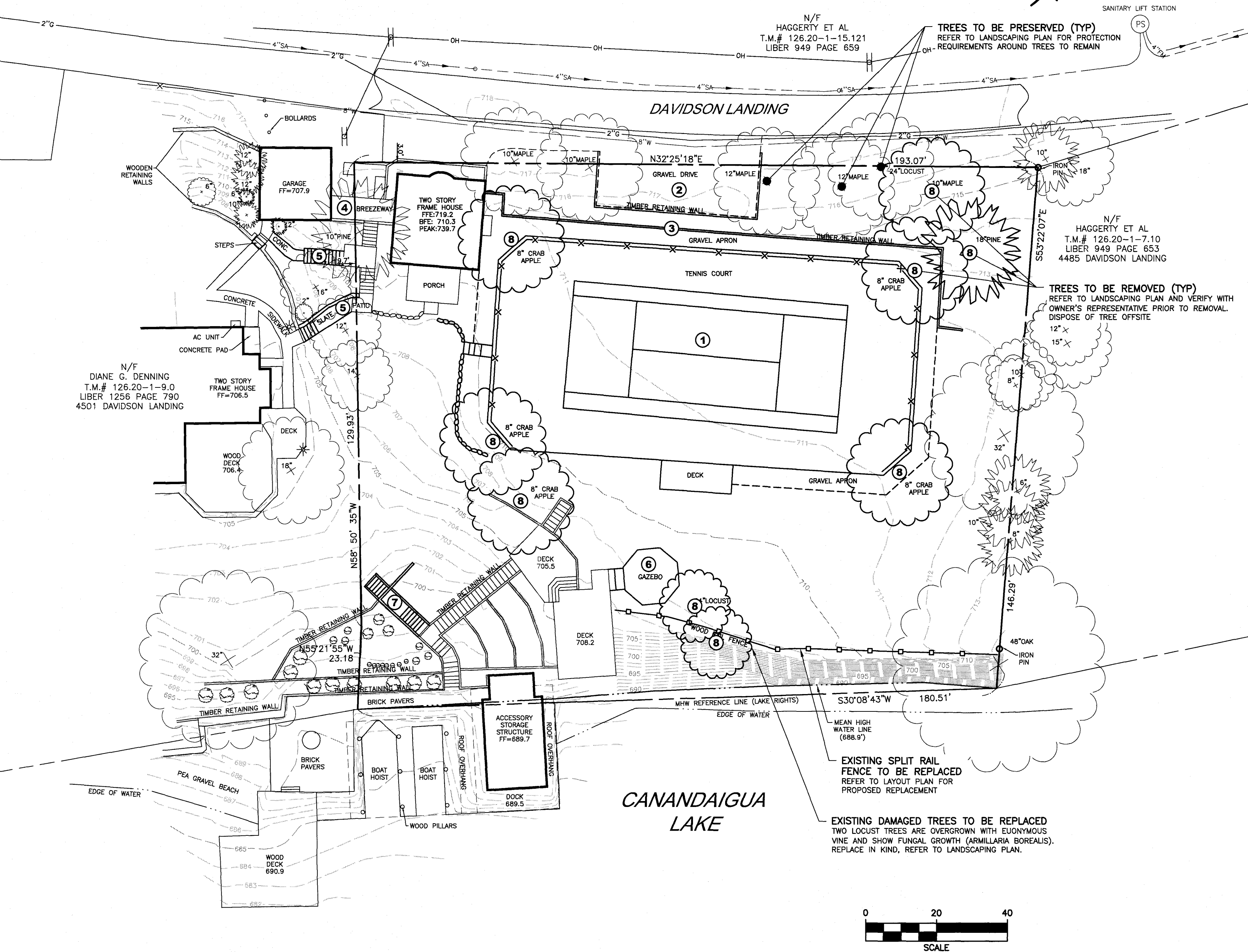
- MAPPING** - THE EXISTING CONDITIONS SHOWN ON THIS PLAN WERE PREPARED BY VENEZIA LAND SURVEYORS AND CIVIL ENGINEERS AS SHOWN ON THE EXISTING CONDITIONS MAP TITLED "DANIEL M. GILL REVOCABLE TRUST" FILED AT THE ONTARIO CLERKS OFFICE UNDER MAP NO. 12493. THE ENGINEER MAKES NO WARRANTY AS TO THE LOCATION, SIZE, TYPE, ELEVATION, AND/OR NUMBER OF EXISTING UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES IN THE VICINITY OF THE NEW INFRASTRUCTURE.
 - SANITARY SEWERS WERE PLOTTED FROM RECORD MAPS RECEIVED FROM CANANDAIGUA LAKE WATERSHED COMMISSION ON 3/17/2020
- STAKEOUT** - THE CONTRACTOR SHALL NOTIFY DIG SAFELY NEW YORK (1-800-962-7962) FOR A UTILITY STAKEOUT 48 HOURS IN ADVANCE OF COMMENCING WORK. STAKEOUT OF PRIVATE UTILITIES SHALL BE COORDINATED WITH THE OWNER.
- BOUNDARY** - BOUNDARY INFORMATION WAS TAKEN FROM AN EXISTING CONDITION MAP TITLED "DANIAL M. GILL REVOCABLE TRUST" FILED AT THE ONTARIO COUNTY CLERKS OFFICE UNDER MAP NO. 12493 AND IS SHOWN FOR GRAPHICAL REPRESENTATION ONLY.
- DATUM** - THE VERTICAL DATUM WAS SET TO NAVD 88 USING ELEVATION DATA TAKEN FROM AN EXISTING CONDITION MAP TITLED "DANIAL M. GILL REVOCABLE TRUST" FILED AT THE ONTARIO COUNTY CLERKS OFFICE UNDER MAP NO. 12493.
- FLOODPLAIN** - THE PROPERTY IS LOCATED IN ZONE 'X' AND IS NOT LOCATED GRAPHICALLY IN THE FLOODPLAIN AS SHOWN ON COMMUNITY PANEL NO. 3605980025C, DATED 03/03/1997

SPECIAL DEMOLITION NOTES

- THE CONTRACTOR SHALL VERIFY THAT ALL UTILITIES TO BE REMOVED DO NOT HAVE ANY IN SERVICE LATERALS OR SERVICES CONNECTED TO THEM. ANY LATERALS/ SERVICES THAT ARE STILL IN SERVICE SHALL BE RECONNECTED AND THE OWNER'S ON-SITE REPRESENTATIVE AND DESIGN ENGINEER SHALL BE NOTIFIED IMMEDIATELY.
- IT IS INTENDED TO LIMIT DISTURBANCE AS MUCH AS POSSIBLE. THE CONTRACTOR WILL BE RESPONSIBLE TO COORDINATE DEMOLITION SCHEDULE, PHASING, PEDESTRIAN SAFETY, PARKING AND VEHICULAR CIRCULATION, STOCKPILE LOCATIONS AND SECURITY FENCING WITH OWNERS ON-SITE REPRESENTATIVE. ANY DISTURBANCE OUTSIDE THE WORK LIMIT LINE SHALL BE COORDINATED WITH THE OWNER'S ON-SITE REPRESENTATIVE.
- ITEMS TO BE SALVAGED SHALL BE STOCKPILED IN A SECURE LOCATION FOR REINSTALLATION. ANY ITEMS DAMAGED DURING REMOVAL SO AS TO BE UN-USEABLE SHALL BE REPLACED IN KIND.

DEMOLITION SCHEDULE

- DEMOLISH TENNIS COURT. REMOVE AND DISPOSE OF PAVEMENT, NET, AND FENCING.
- REMOVE EXISTING GRAVEL PARKING AREA AND ASSOCIATED TIMBER RETAINING WALL. PROTECT ADJACENT MAPLE TREES DURING DEMOLITION.
- REMOVE TIMBER RETAINING WALL IN ENTIRETY.
- DEMOLISH BREEZEWAY CONNECTION BETWEEN TWO EXISTING STRUCTURES. REFER TO ARCHITECTURAL PLANS FOR DIRECTION.
- REMOVE TWO STAIRWAY CONNECTIONS TO NEIGHBORING PROPERTY. REFER TO LAYOUT PLAN FOR LIMITS OF WALKWAY TO REMAIN.
- DEMOLISH GAZEBO STRUCTURE. PROTECT EXISTING DECK TO REMAIN.
- SELECTIVE DEMOLITION OF TIMBER STAIRWAY AND TERRACED LANDSCAPING AREA. REFER TO PROPOSED LANDSCAPING PLAN FOR EXTENT OF WORK IN THIS AREA.
- REMOVE TREE AND DISPOSE OFF-SITE. REVIEW TREES TO BE REMOVED WITH OWNER'S REPRESENTATIVE PRIOR TO REMOVAL.



LOCATION MAP
NOT TO SCALE

MARATHON ENGINEERING
ROCHESTER LOCATION
39 CASCADE DRIVE
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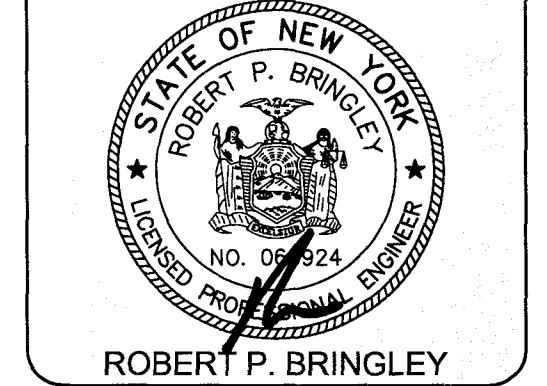
SITE PLANS for THE GILL RESIDENCE
STATE OF NEW YORK
TOWN OF CANANDAIGUA
4495 DAVIDSON LANDING DR
ONTARIO COUNTY

JOB NO: 1207-21
SCALE: AS SHOWN
DRAWN: LJB
DESIGNED: RPB
DATE: 04/07/2021

REVISIONS		
DATE	BY	REVISION

IT IS A VIOLATION OF NEW YORK STATE EDUCATION LAW ARTICLE 136, SECTION 2008 FOR ANY PERSON UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR TO ALTER IN ANY MANNER THE SEAL OR SIGNATURE OF A PROFESSIONAL ENGINEER OR LAND SURVEYOR. IF AN ITEM BEARING THE SEAL OF A PROFESSIONAL ENGINEER OR LAND SURVEYOR IS ALTERED, IT IS THE RESPONSIBILITY OF THE PERSON WHO ALTERED IT TO REPAIR THE SEAL AND THE SIGNATURE. IF THE SEAL AND SIGNATURE ARE NOT REPAIRED, THE PERSON WHO ALTERED IT SHALL BE SUBJECT TO THE PENALTIES OF ARTICLE 136, SECTION 2008 OF THE EDUCATION LAW.

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DRAWING TITLE:
EXISTING CONDITIONS PLAN

2 of 6
SHEET No: **V1.0**
JOB No: 1207-21
DRAWING No:

SEE LANDSCAPE PLANS FOR PLANTINGS

8"-12" HIGH FIELDSTONE OR BOULDER WALL

24" SQ OVERFLOW STRUCTURE

TERRACED RETAINING WALLS (EXISTING TO BE UPGRADED)

4" PEA STONE MULCH

18" DEEP BIO-RETENTION / DRY SWALE SOIL NYSDOT (ITEM No. 208.01.03.00.22)

6" PEA STONE DRAINAGE LAYER

4" UNDERDRAIN

TOP OF WALL 701.1±
TOP OF GRATE 700.6

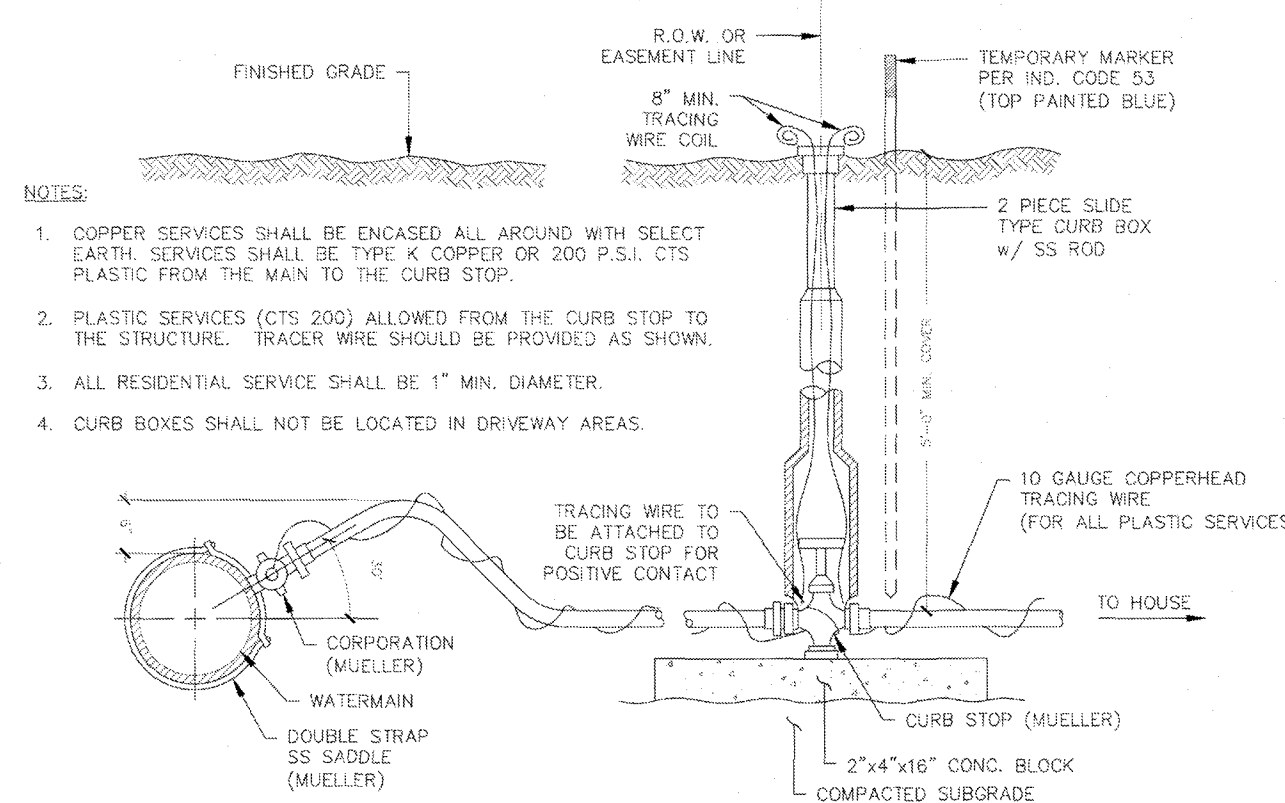
BASIN FLOOR 700.1

GEOTEXTILE SEPARATION BETWEEN MATERIALS (TYP)

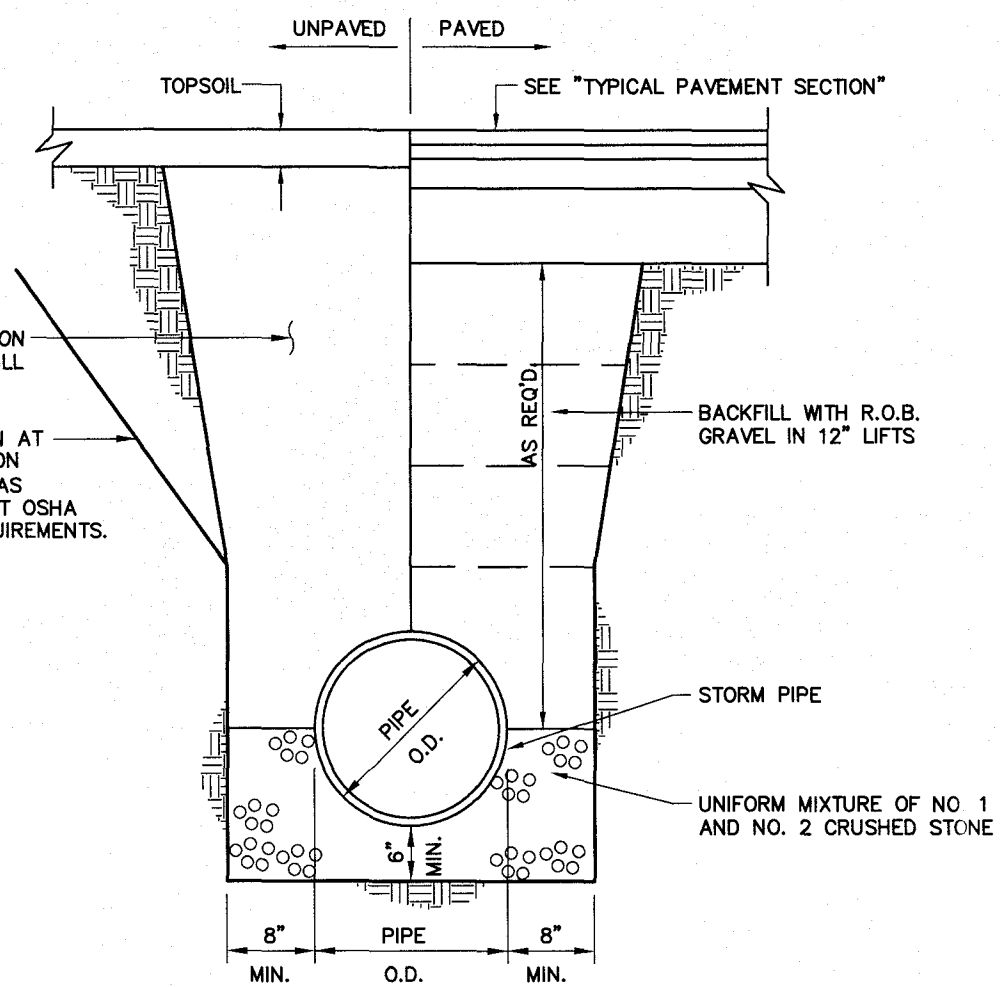
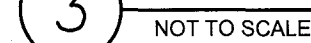
12" OUTFALL TO STORM SEWER

UNDISTURBED SOIL

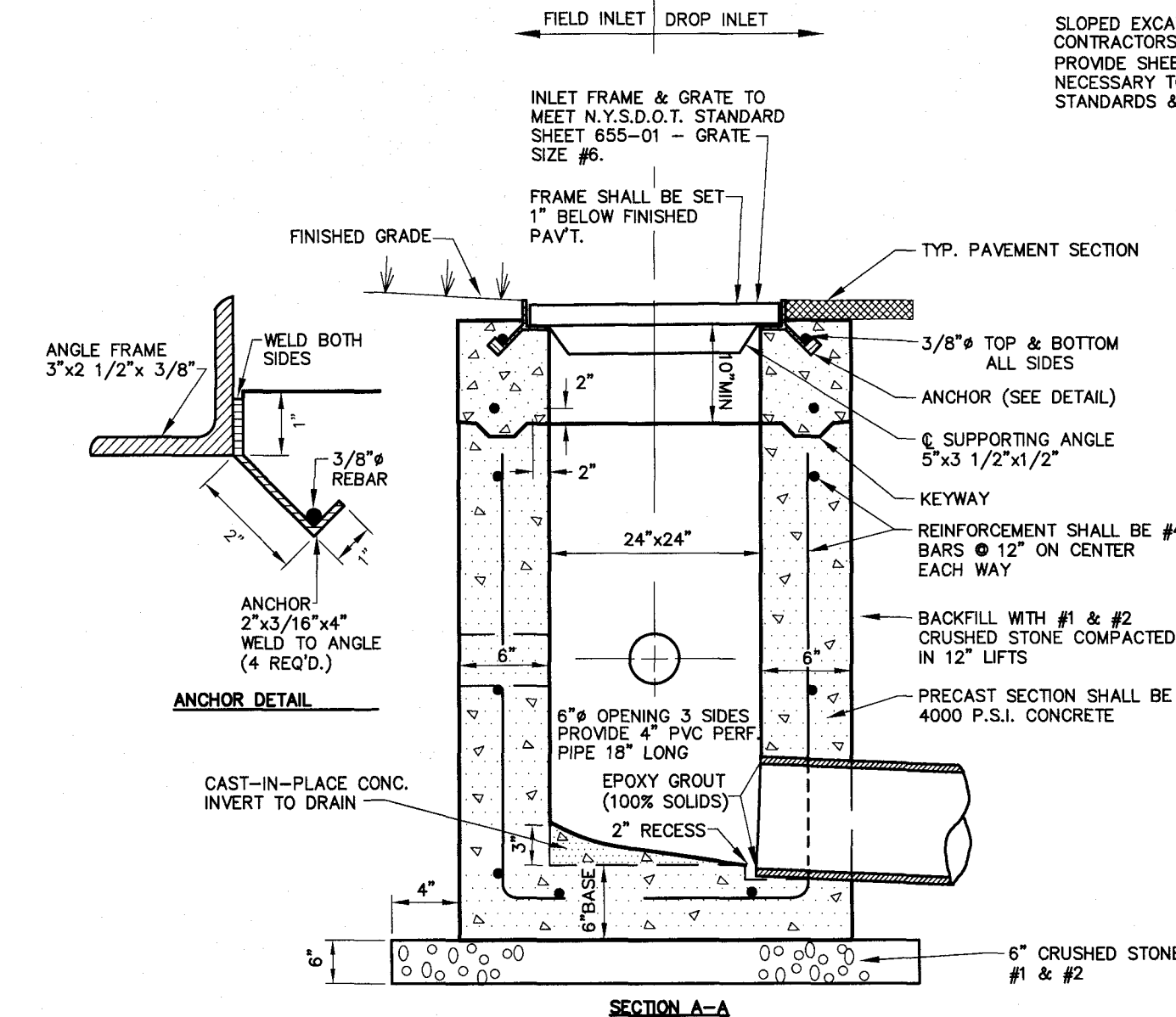
NOT TO SCALE



NOT TO SCALE



5 STORM TRENCH
SOLID PIPE



4 NOT TO SCALE

APPROVED BY: _____ _____
PLANNING BOARD CHAIRPERSON DATE: _____
APPROVED BY: _____ _____
TOWN ENGINEER DATE: _____
APPROVED BY: _____ _____
TOWN WATER SUPERINTENDENT DATE: _____

SITE PLANS
for
THE GILL RESIDENCE

TOWN OF CANANDAIGUA

4495 DAVIDSON LANDING DR
ONTARIO COUNTY

STATE OF NEW YORK

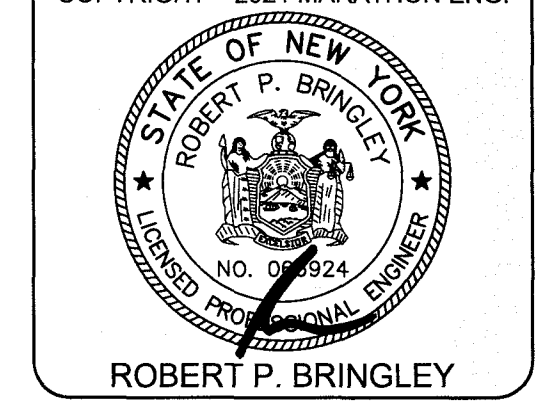
JOB NO:	1207-21
SCALE:	AS SHOWN
DRAWN:	LJB
DESIGNED:	RPB
DATE:	04/07/2021
REVISIONS	

REVISIONS		
DATE	BY	REVISION

[illegible]

IT IS A VIOLATION OF NEW YORK STATE EDUCATION LAW ARTICLE 145, SECTION 7209 FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER IN ANY WAY, AN ITEM BEARING THE SEAL OF A PROFESSIONAL ENGINEER OR LAND SURVEYOR. IF AN ITEM BEARING THE SEAL OF A PROFESSIONAL ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING ENGINEER OR LAND SURVEYOR SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

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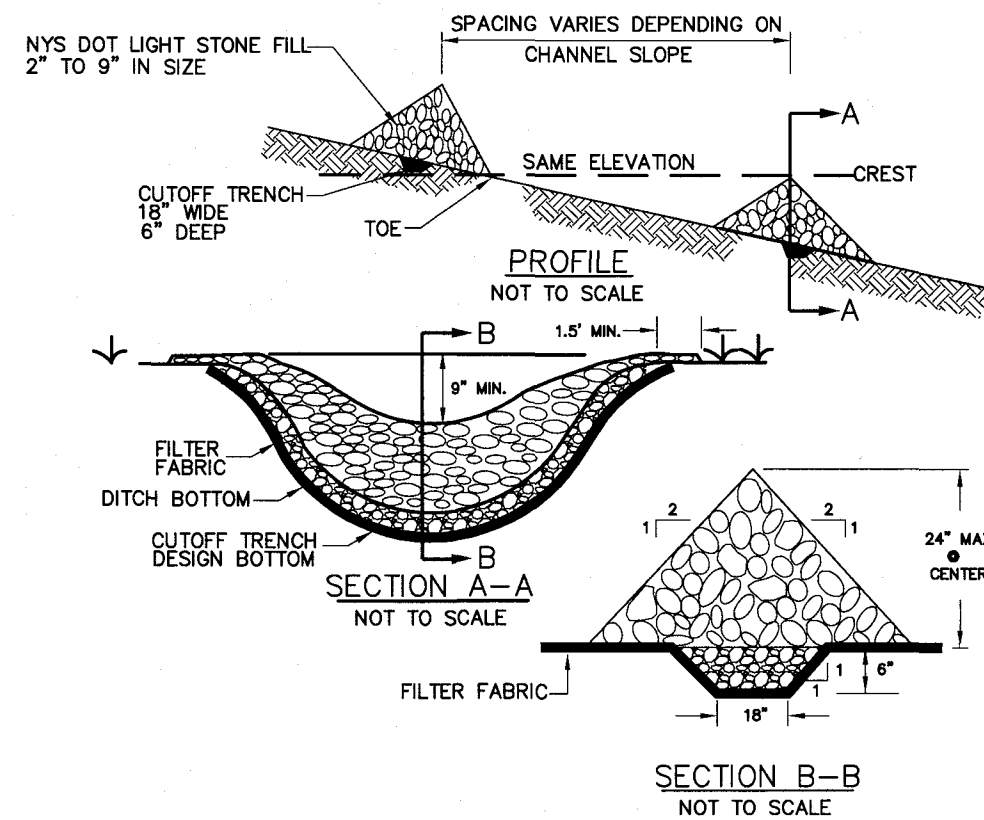
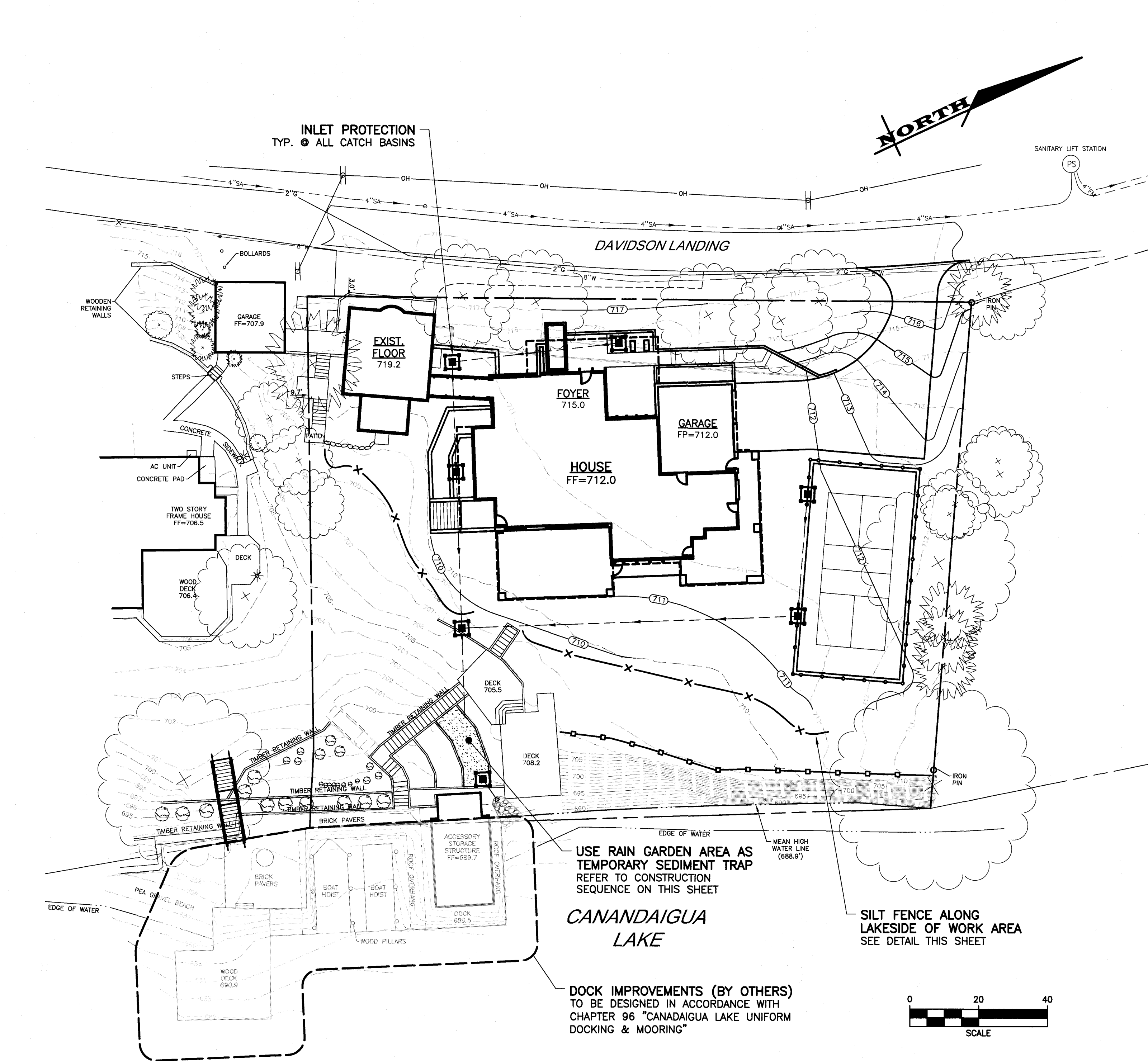
DRAWING TITLE:
GRADING &
UTILITY PLAN

4 of 6	C3.0	
SHEET No:		
1207-21		
JOB No:	DRAWING No:	

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EROSION CONTROL NOTES

- 1. INSPECTION** - EROSION CONTROL (EC) MEASURES INSTALLED AND MAINTAINED BY THE SITE WORK CONTRACTOR ARE SUBJECT TO THE REVIEW AND APPROVAL OF THE MUNICIPALITY, DESIGN ENGINEER, AND OWNER'S REPRESENTATIVE. IMMEDIATE ACTION BY THE CONTRACTOR SHALL BE TAKEN IF ADDITIONAL OR CORRECTIVE MEASURES ARE REQUIRED BY ANY ONE OF THESE CITED REVIEWERS. EROSION CONTROL MEASURES NOT SPECIFICALLY SHOWN ON CONTRACT DRAWINGS (I.E., STRAW BALES, COLLARS, FABRICS, ETC.) SHALL BE INSTALLED AS WARRANTED BY FIELD CONDITIONS, AND AS DIRECTED BY THE AFOREMENTIONED REVIEWERS.
- 2. PRE-CONSTRUCTION** - THE APPROPRIATE EROSION CONTROL MEASURES AS DEFINED BY THE CONSTRUCTION DOCUMENTS SHALL BE INSTALLED PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITIES.
- 3. TOPSOIL** - UPON COMPLETION OF THE STOCKPILE STRIPPING OPERATION, STOCKPILES SHALL BE STABILIZED IN ACCORDANCE TO NYSDEC REGULATIONS.
- 4. SLOPES** - UPON COMPLETION OF GRADING, SLOPES WITH A GRADIENT OF ONE FOOT VERTICAL TO THREE FEET HORIZONTAL (1 ON 3) OR GREATER SHALL BE: TOPSOILED, SEEDED, FERTILIZED AND MULCHED OR TREATED AS SPECIFIED ON CONTRACT DRAWINGS.
- 5. DUST** - THE CONTRACTOR SHALL APPLY WATER AND/OR CALCIUM CHLORIDE, AS CONDITIONS WARRANT, TO CONTROL WIND BORN EROSION. THIS MEASURE APPLIES TO: HAUL ROADS, CUT AND FILL OPERATIONS, SUB-BASE AND ANY OTHER EXPOSED SURFACES.
- 6. OPERATION & MAINTENANCE** - THROUGHOUT THE PERIOD OF CONSTRUCTION AND PRIOR TO ESTABLISHING FINAL GROUND COVER THE SITE CONTRACTOR IS RESPONSIBLE FOR THE OPERATION AND MAINTENANCE OF THE TEMPORARY EROSION CONTROL MEASURES. FOR EXAMPLE, THE SILTATION FACILITIES SHALL BE RE-EXCAVATED WHEN THE VOLUME (3600 CUBIC FEET/DISTURBED ACRE) IS REDUCED BY ONE-HALF OR MORE OF ITS SPECIFIED CAPACITY AND/OR THE MATERIAL IS WITHIN ONE FOOT OF THE DISCHARGE POINT.
- 7. WORK STOPPAGE** - ALL DISTURBED AREAS NOT TO BE WORKED WITHIN 14 DAYS MUST BE SEEDED WITHIN 7 DAYS FROM THE LAST CONSTRUCTION ACTIVITY IN THAT AREA.
- 8. TEMPORARY STABILIZATION** - TEMPORARY STABILIZATION SHALL REQUIRE 4 TONS OF STRAW/ ACRE OF DISTURBANCE PLACED WITH TACKIFIER OR ROLLED WITH A TRACKED VEHICLE TO ENSURE NOT DISPLACED.
- 9. WINTER STABILIZATION** - ALL WINTER STABILIZATION METHODS IDENTIFIED IN THE NYS 'BLUE BOOK' SHALL BE FOLLOWED FOR ANY DISTURBANCE OR NON-STABILIZED AREAS FROM NOVEMBER 15TH - APRIL 1ST.
- 10. SUBSOIL RESTORATION** - ALL AREAS TO BE RESTORED AS LAWN SHALL BE RESTORED PER CHAPTER 5 (5.1.6) OF THE NEW YORK STATE STORMWATER DESIGN MANUAL, AND THE SOIL RESTORATION TABLE (TABLE 5.3 - SOIL RESTORATION REQUIREMENTS) SHOWN ON THE PLANS. THE PROJECT SOILS ARE HYDROLOGIC SOIL GROUP B AND SHALL BE RESTORED AS SPECIFIED.
- 11. SEQUENCE** - THE CONTRACTOR SHALL INSTALL EROSION CONTROL MEASURES IN THE FOLLOWING SEQUENCE UNLESS AUTHORIZED OTHERWISE AT PRE-CONSTRUCTION MEETING:
 - INSTALL PERIMETER SEDIMENT CONTROLS, I.E. EROSION FENCING.
 - INSTALL STABILIZED CONSTRUCTION ENTRANCE.
 - PROTECT VEGETATION TO REMAIN.
 - CLEAR/GRUB AND CONSTRUCT DIVERSIONARY SWALES, AND SEDIMENT BASINS.
 - COMPLETE CLEARING AND GRUBBING OPERATION.
 - PLACE EROSION CONTROL MEASURES AT TOPSOIL STOCKPILES AND STRIP TOPSOIL.
 - CONSTRUCT SWALES AND SILTATION DEVICES AS EARTHWORK OPERATIONS PROGRESS.
 - MAINTAIN EROSION CONTROL MEASURES AND PLACE ADDITIONAL MEASURES AS EARTHWORK AND UNDERGROUND UTILITIES ARE CONSTRUCTED.
 - ROUGH GRADE RAIN GARDEN AREAS AS TEMPORARY SEDIMENT TRAPS.
 - RESTORE AREAS AS DEFINED BY CONTRACT DOCUMENTS.
 - AFTER SITE IS SUBSTANTIALLY RESTORED, INSTALL RAIN GARDEN AREAS.
 - REMOVE EROSION CONTROL MEASURES AS AREAS ARE REESTABLISHED WITH GROUND COVER.



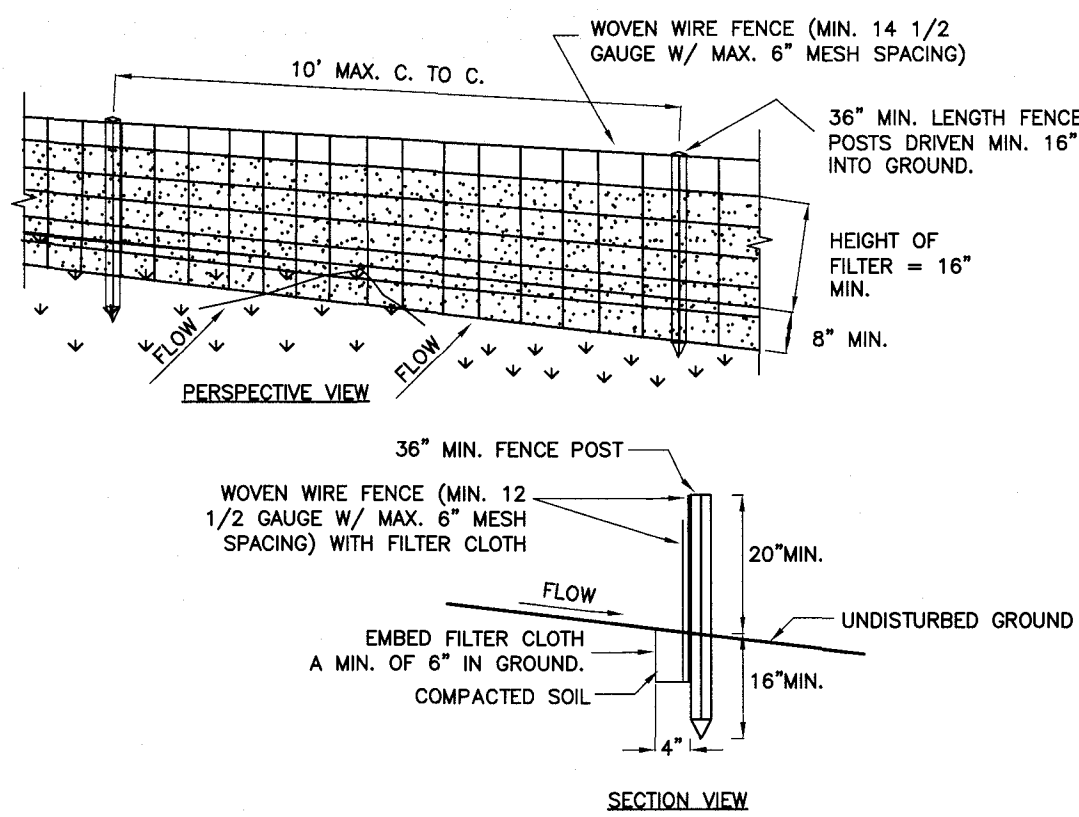
CONSTRUCTION SPECIFICATIONS

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

MAXIMUM DRAINAGE AREA - 2 ACRES

1. STONE CHECK DAM

SCALE: N.T.S.



CONSTRUCTION SPECIFICATIONS

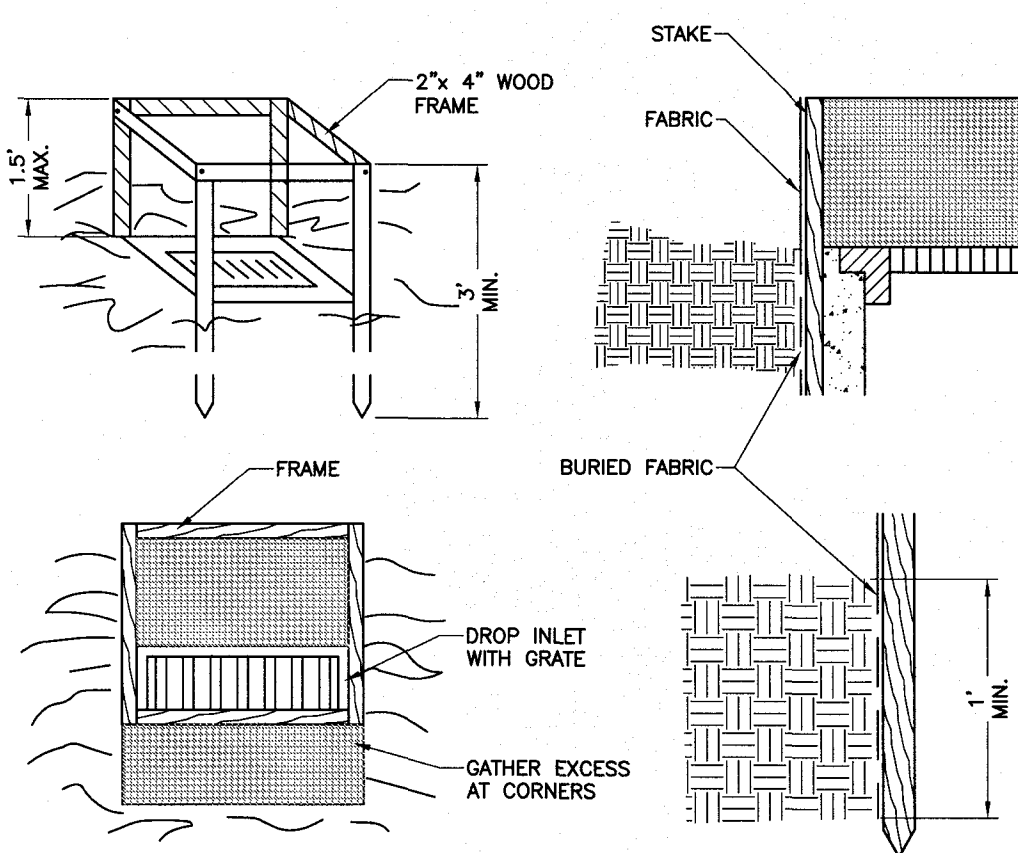
- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL 'I' OR 'U' TYPE OF HARDWOOD.
- FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 12 1/2 GAUGE, 6" MAXIMUM MESH OPENING.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA 1140N, OR APPROVED EQUIVALENT.
- 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.
- ENVIRO-FENCE WITH INTEGRAL MESH IS ACCEPTABLE SUBSTITUTE.

3. SILT FENCE

SCALE: N.T.S.

2. PAVED SURFACE INLET PROTECTION

SCALE: N.T.S.



CONSTRUCTION SPECIFICATIONS

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

4. DROP INLET PROTECTION

SCALE: N.T.S.

APPROVED BY:

PLANNING BOARD CHAIRPERSON
DATE:

APPROVED BY:

TOWN ENGINEER
DATE:

APPROVED BY:

TOWN WATER SUPERINTENDANT
DATE:

MARATHON
ENGINEERING
ROCHESTER LOCATION
39 CASCADE DRIVE
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STATE OF NEW YORK

4495 DAVIDSON LANDING DR
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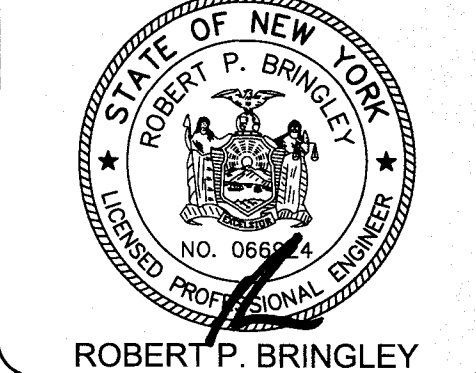
JOB NO: 1207-21
SCALE: AS SHOWN
DRAWN: LJB
DESIGNED: RPB
DATE: 04/07/2021

REVISIONS

DATE BY REVISION

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DRAWING TITLE:
EROSION CONTROL AND STABILIZATION PLAN

5 of 6

SHEET No:

1207-21

JOB No:

C4.0

DRAWING No:

