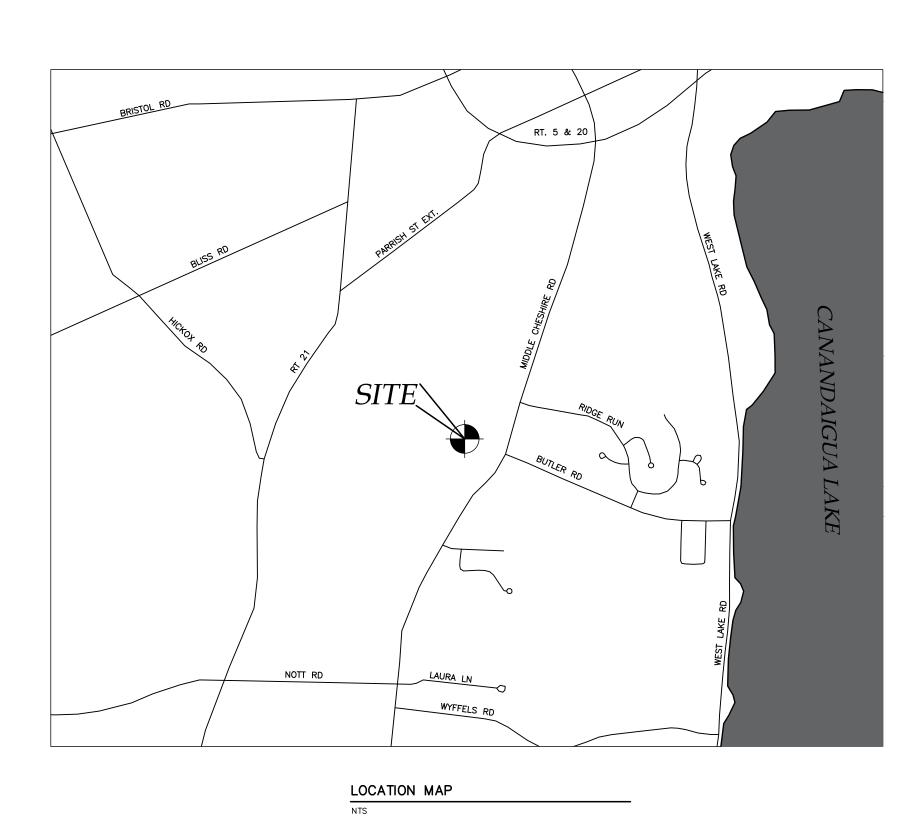
NEW RESIDENCE SITE PLAN FOR:

RICHARD NELSON

MIDDLE CHESHIRE ROAD
TOWN OF CANANDAIGUA
COUNTY OF ONTARIO
STATE OF NEW YORK
NOVEMBER 18, 2022

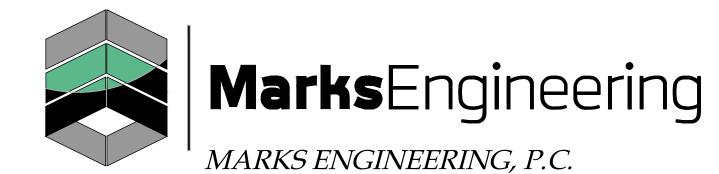




AERIAL PHOTO



INDEX-COVER EX100 - EXISTING CONDITIONS C100 - SITE PLAN C500 - GENERAL DETAILS C501 - GENERAL DETAILS



42 BEEMAN STREET CANANDAIGUA, NY 14424 (585)905-0360 WWW.MARKSENGINEERING.COM

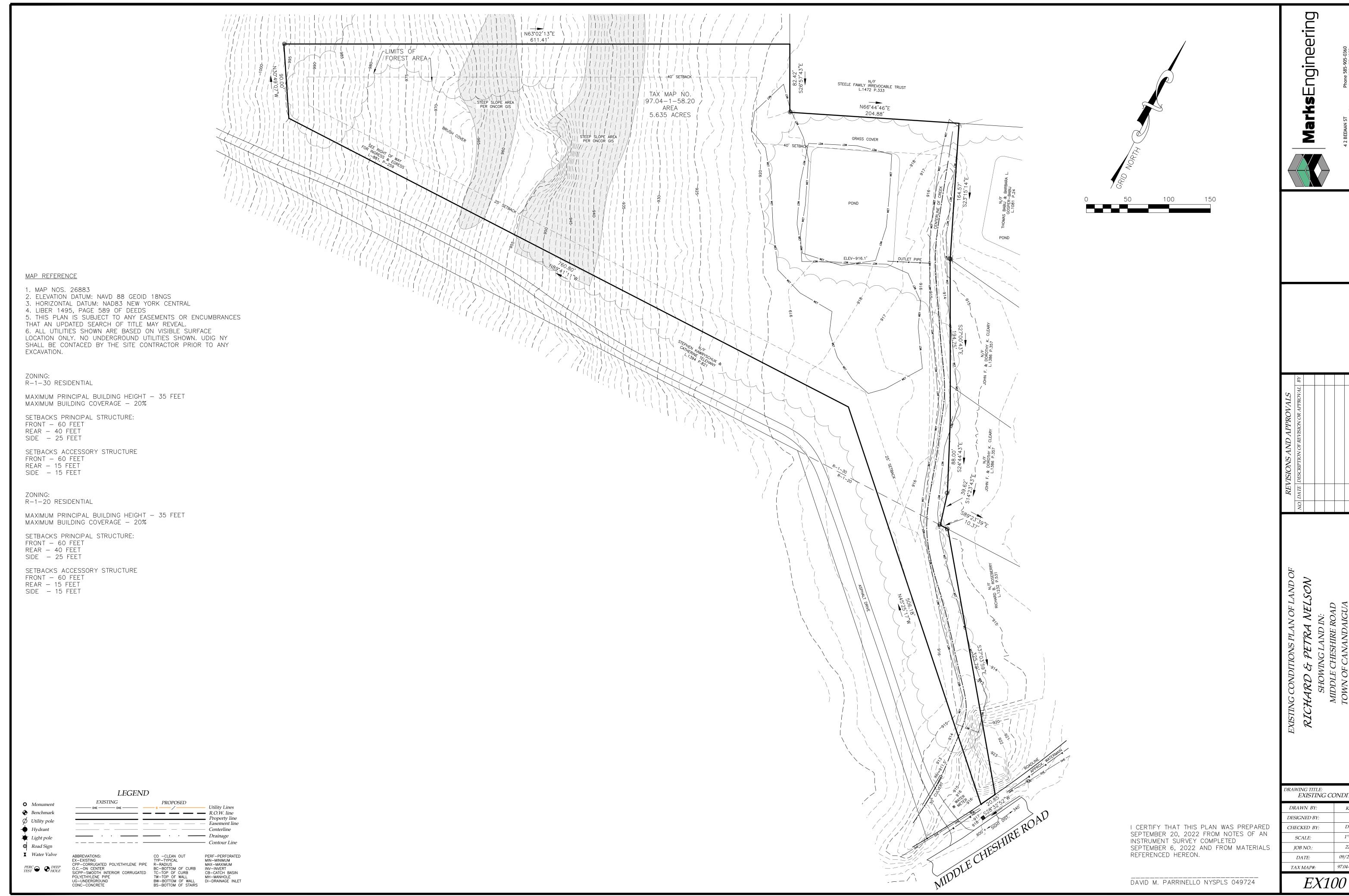
PREPARED FOR: RICHARD NELSON

PROPERTY OWNER: RICHARD NELSON 5635 CR 30 CANANDAIGUA, NY 14424

REVISED

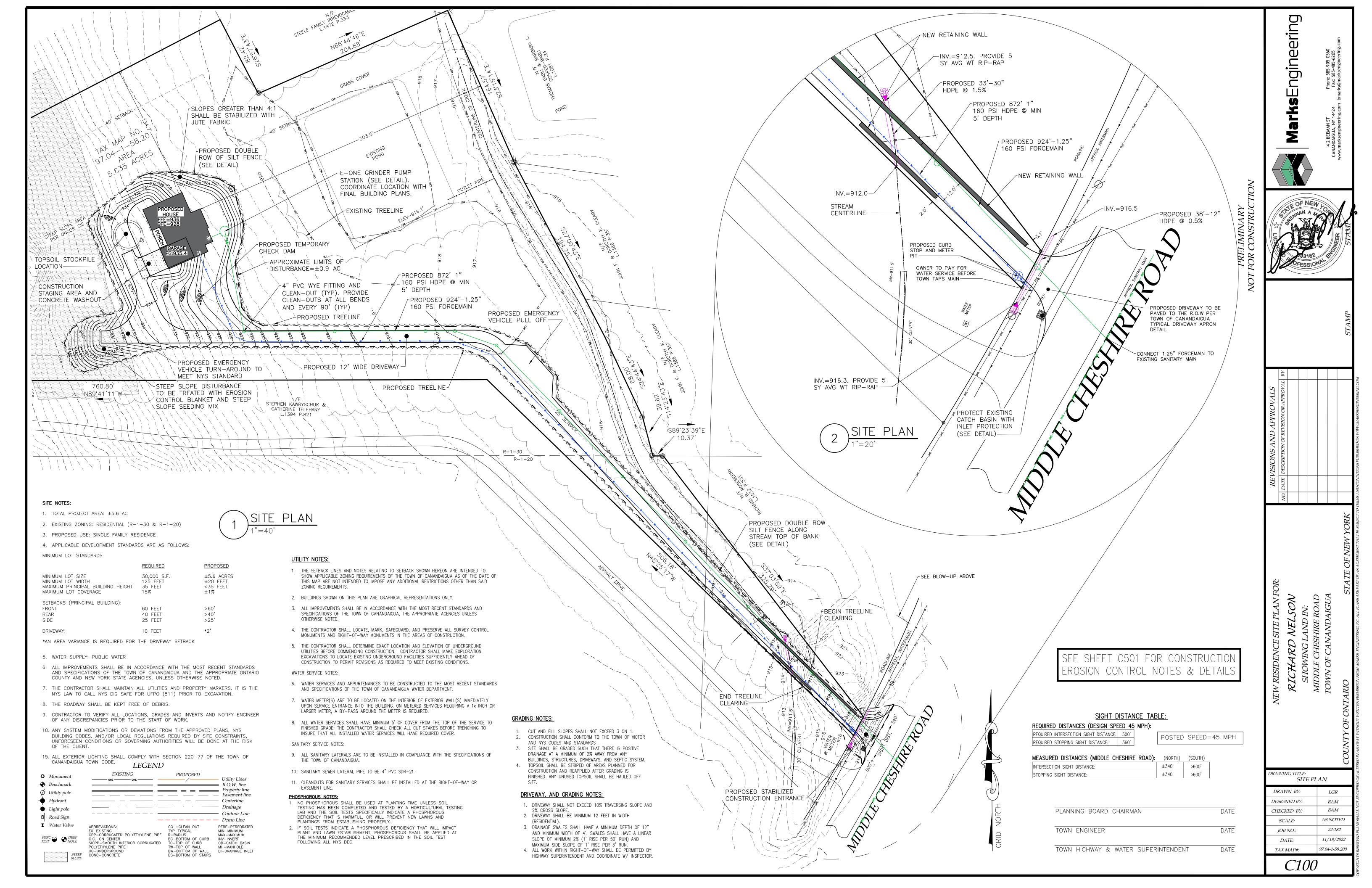
RICHARD NELSON MIDDLE CHESHIRE RD TOWN OF CANANDAIGUA COUNTY OF ONTARIO NEW YORK

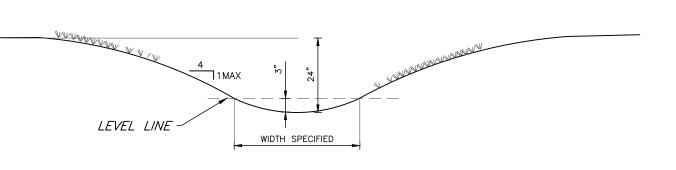
JOB #22-182 11/18/2022



EXISTING CONDITIONS 1"=50' 22-182 09/20/2022

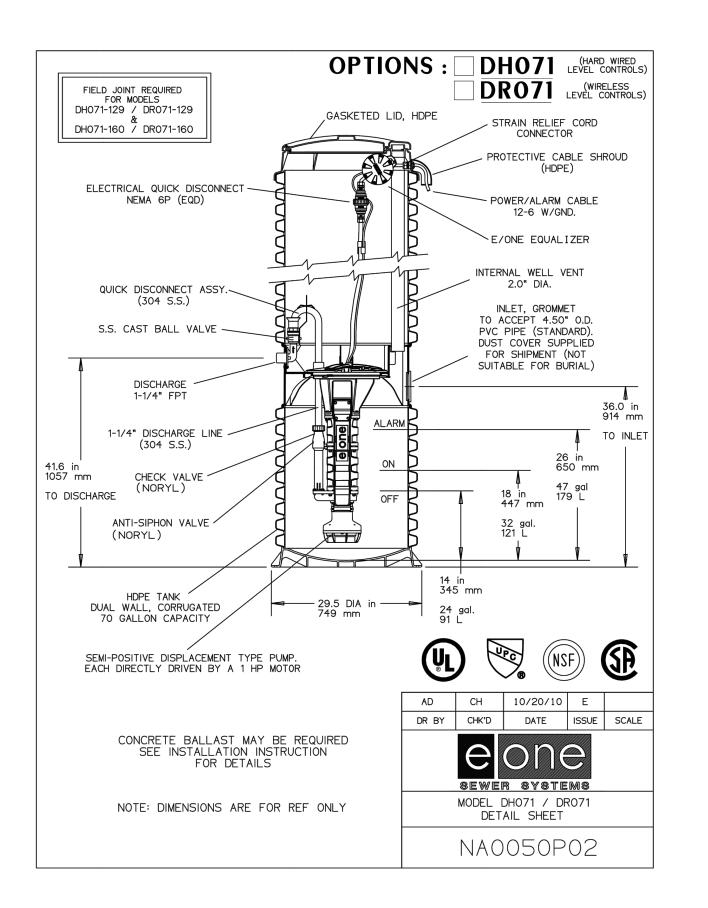
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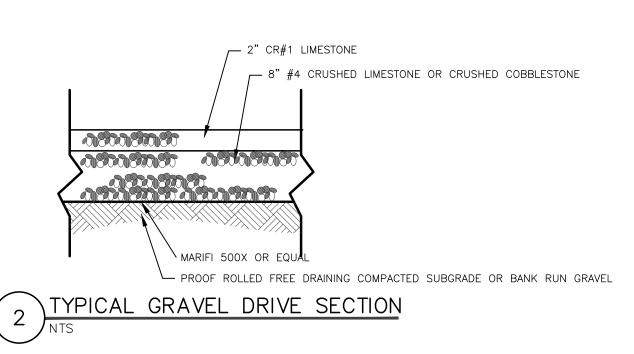


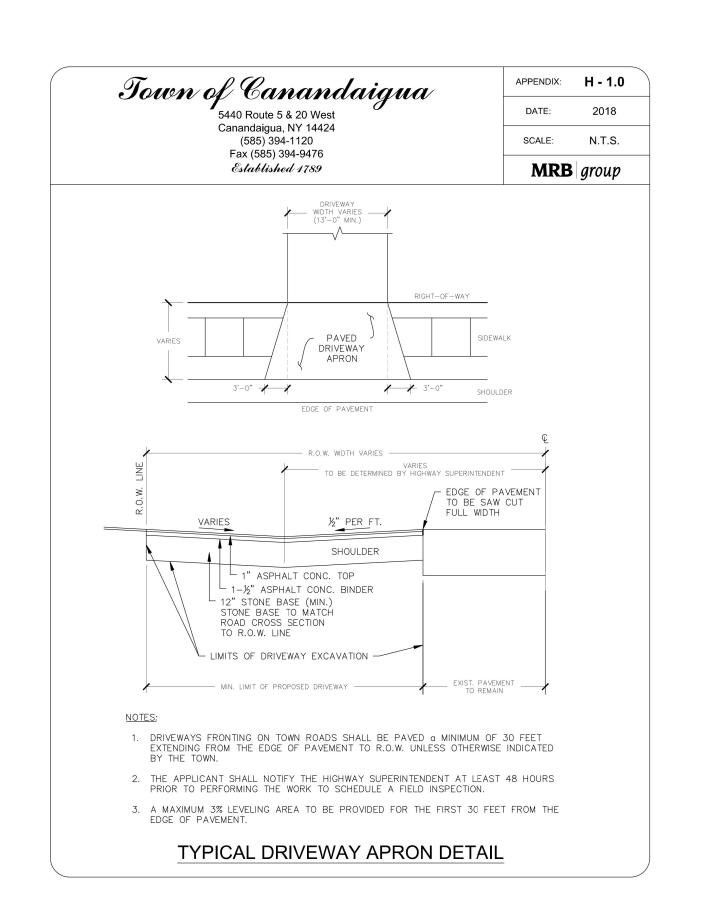


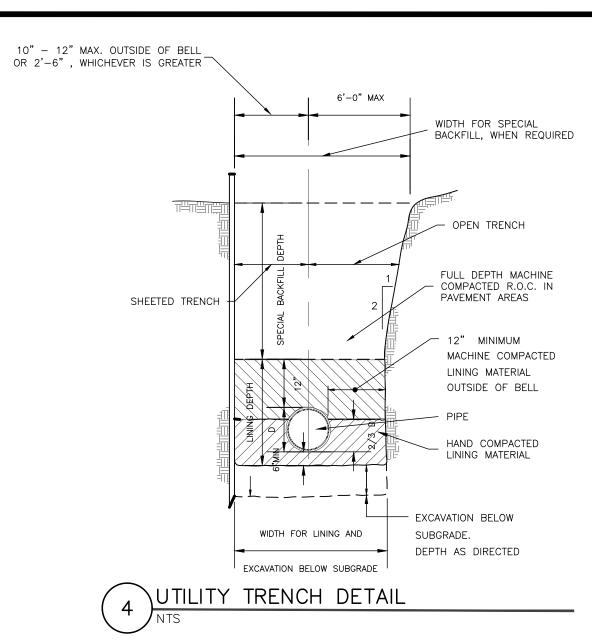
TYPICAL SWALE CROSS SECTION

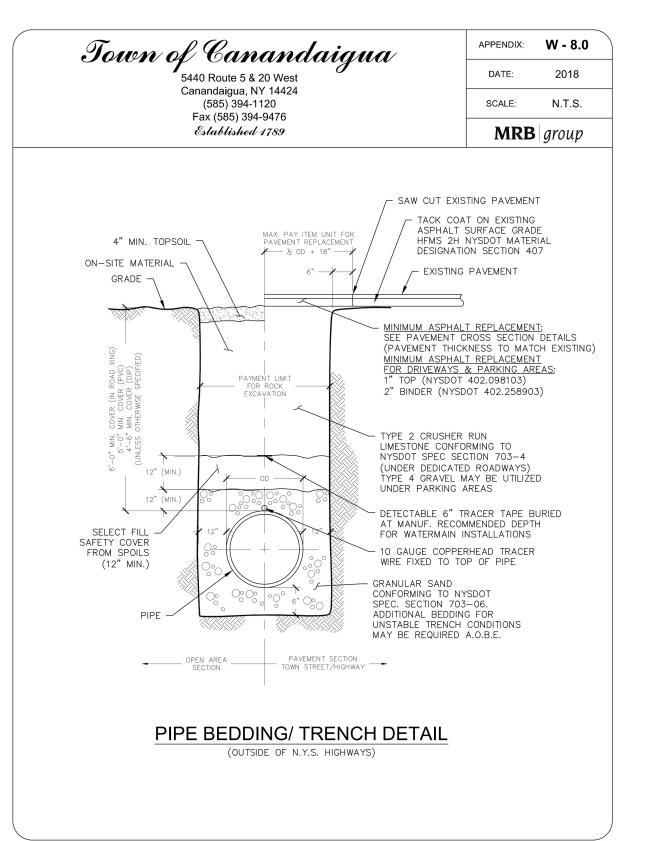
NOTES:
1. SWALES SHALL BE SMOOTH GRADED AND LIGHTLY COMPACT. 2. SWALES SHALL BE MOWABLE WITH STANDARD PUSH MOWER. 3. SWALES SHALL NOT BE FORMED IN MUD OR SATURATED SOILS. UNACCEPTABLE SOILS SHALL BE REMOVED AND REPLACED WITH 6" OF CLEAN TOPSOIL PRIOR TO SEEDING AND STABILIZATION. 4. SWALE SHALL BE SEEDED AND STBILIZED WITH STRAW BLANKET/JUTE FABRIC NETTING STAPLED AS PER MANUFACTURES RECOMMENDATIONS.

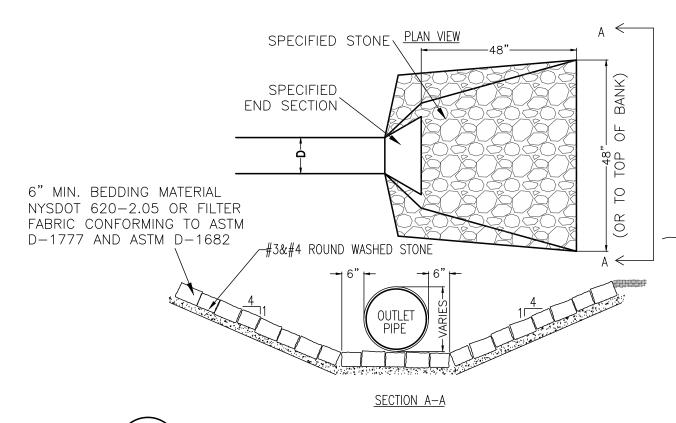




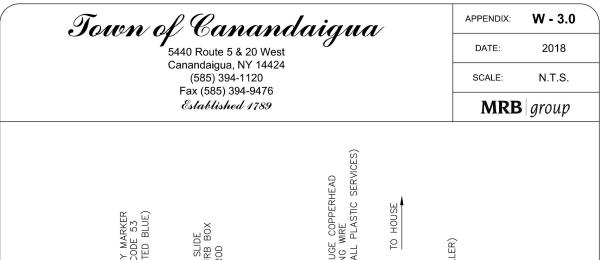


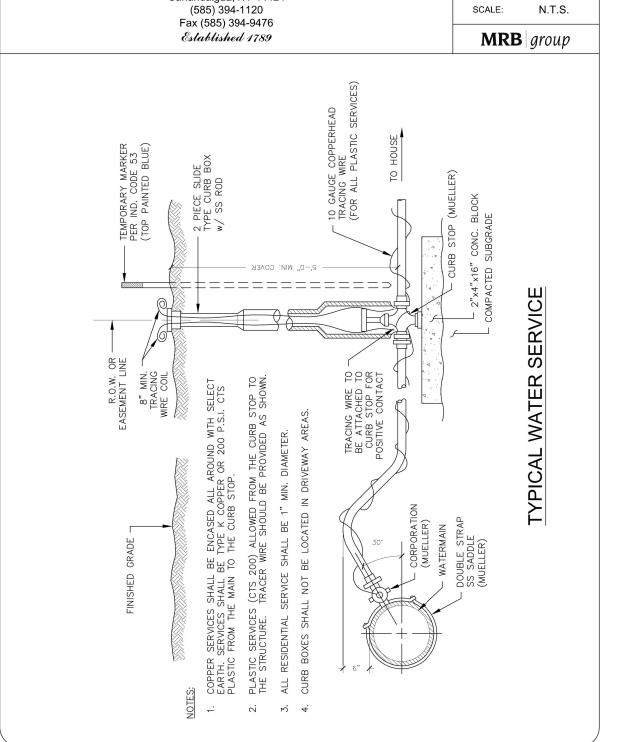






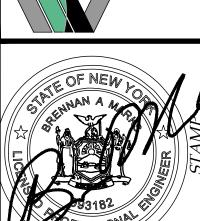
TYPICAL STONE OUTLET PROTECTION

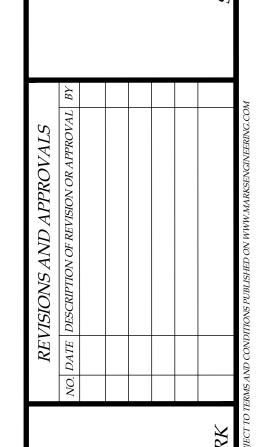




MarksEngineering







NEW RESIDENCE SITE PLAN FOR:

RICHARD NELSON
SHOWING LAND IN:
MIDDLE CHESHIRE ROAD
TOWN OF CANANDAIGUA

DRAWING TITLE: **DETAILS** DRAWN BY: LGRDESIGNED BY: BAMBAMCHECKED BY: AS NOTED 22-182 JOB NO.: 11/18/2022 DATE: 97.04-1-58.200 TAX MAP#:

C500

SEQUENCE OF CONSTRUCTION STEPS:

STEP 1: (SITE PREPARATION)

- INSTALL AND MAINTAIN STABILIZED CONSTRUCTION ENTRANCE (SEE DETAIL).
- CLEAR AND GRUB AS REQUIRED FOR PERIMETER SILT FENCE INSTALLATION.
- INSTALL AND MAINTAIN PERIMETER SILT FENCE, COMPLETE CLEARING AND GRUBBING OPERATIONS.

STEP 2: (CONSTRUCTION ACTIVITY)

- STRIP AND STOCKPILE TOPSOIL FROM THE DRIVEWAYS AND PROPOSED HOUSE SITES. INSTALL SILT FENCE AROUND THE PERIMETER OF THE STOCKPILE AND SEED WITH TEMPORARY SEEDING MIX.
- COMMENCE MASS GRADING OPERATIONS INCLUDING EXCAVATION FOR HOUSE FOUNDATION. UPON COMPLETION OF MASS GRADING OPERATIONS, INSTALL ADDITIONAL EROSION CONTROL MEASURES AS NEEDED. SEDIMENT CONTROL MEASURES TO BE MAINTAINED BY THE CONTRACTOR UNTIL GROUND COVER HAS BEEN ESTABLISHED AND REMOVAL IS APPROVED BY THE TOWN/GOVERNING AGENCY. CONTRACTOR TO SEED AND MULCH DISTURBED AREAS WITHIN 14 DAYS OF COMPLETION.
- PLACE STONE SUBBASE. CONSTRUCT BUILDING, INSTALL UTILITIES AND DRIVEWAY AS SOON AS
- MAINTAIN EROSION CONTROL PRACTICES AS NECESSARY, IF ADDITIONAL MEASURES ARE REQUIRED THESE SHALL BE PROVIDED AT THE EXPENSE OF THE OWNER OR CONTRACTOR. IN THE EVENT THERE IS A SEDIMENT DISCHARGE OR FAILURE THE CONTRACTOR OR OWNER SHALL BE RESPONSIBLE FOR
- COMPLETE EARTHWORK, INCLUDING FINE GRADING OF LAWN AREAS. LAWN AREAS TO BE REPLACED. WITH 6" OF TOPSOIL, MULCHED AND SEEDED WITHIN 14 DAYS OF COMPLETION. SEED WITH A SEED MIX AS INDICATED, AND PROVIDE MULCH AS SPECIFIED IN THE NOTES.
- STEP 3: (STABILIZATION & MONITORING)
- MAINTAIN PERIMETER SILT FENCE
- MONITOR SEDIMENT AND EROSION CONTROL MEASURES DURING CONSTRUCTION OPERATIONS FOR SILT ACCUMULATION. CONTRACTOR TO CLEAN AS NECESSARY.
- SEE CONSTRUCTION EROSION CONTROL NOTES FOR REQUIRED SEED MIXES AND WINTER SITE STABILIZATION METHODOLOGY.
- DUST SHALL BE CONTROLLED DURING CONSTRUCTION BY THE CONTRACTOR TO MINIMIZE EFFECT ON THE ADJACENT PROPERTIES. THE CONTRACTOR SHALL IMPLEMENT DUST CONTROL MEASURES AS NEEDED AND/OR AS DIRECTED BY THE TOWN ENGINEER OR OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THE EXISTING ROADWAYS AND DRAINAGE CHANNELS FREE OF MUD, DIRT, AND DEBRIS. THE CONTRACTOR WILL CLEAN THESE AREAS AS NECESSARY OR AS REQUIRED BY THE OWNER OR TOWN ENGINEER.
- REMOVE TEMPORARY SEDIMENT CONTROL MEASURES ONCE THE ENTIRE SITE HAS BEEN STABILIZED AND AUTHORIZED BY THE TOWN.

EROSION AND SEDIMENT CONTROL NOTES:

NOTES:

- 1. THE CONTRACTOR IS RESPONSIBLE FOR THE CONTROL OF EROSION AND SEDIMENTATION DURING CONSTRUCTION. SILT FENCE SHALL BE INSTALLED AND MAINTAINED AS NEEDED.
- 2. SOIL DISTURBANCES SHALL BE STABILIZED IMMEDIATELY. DISTURBED SOIL THAT WILL REMAIN LONGER THAN 14 DAYS SHALL BE TEMPORARILY STABILIZED WITHIN 7 DAYS. SOIL SHALL BE STABILIZED WITH NORTHERN GRASS SEED MIXTURE OR APPROPRIATE SEED MIXTURE FOR CONDITIONS. GRASS SEED SHALL BE INSTALLED PER MANUFACTURES SPECIFICATIONS. MULCH STRAW APPLIED AT A RATE OF 2 BALES / 1000 SQFT OR SEED MIXTURE TO PROTECT SITE UNTIL SEED GERMINATES. HYDRO-SEED MÁY BE INSTALLED AS AN ALTERNATE.
- 3. CONTRACTOR SHALL INSPECT THE SITE DAILY FOR SIGNS OF EROSION. IF ANY EROSION OR SEDIMENTATION OCCUR CONTRACTOR SHALL IMMEDIATELY PROVIDE PROPER CONTROLS TO STABILIZE THE SITE. ENGINEER WILL RECOMMEND CONTROLS IF REQUIRED.
- 4. SLOPES GREATER THAN 4 ON 1 SHALL BE STABILIZED WITH JUTE FABRIC INSTALLED AS PER MANUFACTURES SPECIFICATIONS AS REQUIRED.
- 5. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE IN STALLED IN ACCORDANCE WITH NYS STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENTATION CONTROLS.
- 6. INSTALL AND MAINTAIN TEMPORARY DIVERSION SWALES AS NEEDED TO CONTROL RUNOFF DURING CONSTRUCTION.
- 7. THE SITE SHALL BE COMPLETELY STABILIZED FOLLOWING CONSTRUCTION ACTIVITIES AND ALL TEMPORARY EROSION CONTROL DEVICES SHALL BE REMOVED AND DISPOSED OF PROPERLY.
- 8. IF CONSTRUCTION ACTIVITIES SHALL DISTURB MORE THAN 1 AC OF LAND, THE PROJECT WILL BE REQUIRED TO OBTAIN COVERAGE UNDER THE NYSDEC SPDES GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITY, GP-0-20-001. THIS WILL ALSO REQUIRE PREPARATION OF AN EROSION-CONTROL SWPPP.

CONCRETE

WASH-OUT

WASH-OUT AREA

MINIMUM INTERIOR DIMENSIONS OF LINER TO BE 8'X8'X2'

SECTION

REMOVE DEBRIS AFTER REACHING 50% CAPACITY

INSPECT WASH-OUT DAILY.

-10 MIL POLY LINER

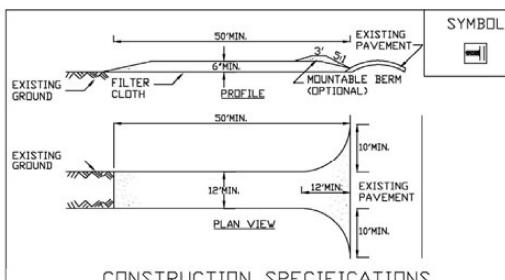
5) LOCATE THE WASHOUT MINIMUM 100 FEET FROM DRAINAGE SWALES, STORM DRAIN INLETS, WETLAND, STREAMS AND OTHER SURFACE WATER.

BERM

LINER SHALL BE REPLACED IF RIPPED, OR WHENEVER THE WASHOUT IS EMPTIED. PLAN

CONCRETE WASH-OUT

Figure 2.1 **Stabilized Construction Access**



- CONSTRUCTION SPECIFICATIONS
- STONE SIZE USE 1-4 INCH STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
- 2. LENGTH NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
- 3. THICKNESS NOT LESS THAN SIX (6) INCHES.
- 4. WIDTH TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT PDINTS WHERE INGRESS OR EGRESS OCCURS, TWENTY-FOUR (24) FOOT IF SINGLE
- 5. GEDTEXTILE WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
- 6. SURFACE WATER ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CON-STRUCTION ACCESS SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 54 SLOPES WILL BE PERMITTED.
- MAINTENANCE THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
- 8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- 9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH

	ADAPTED FROM DETAILS PROVIDED BY: USDA - NRCS,
	NEW YORK STATE DEPARTMENT OF TRANSPORTATION.
AUT LE	YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

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FILL

BERM

CUBIC YARD

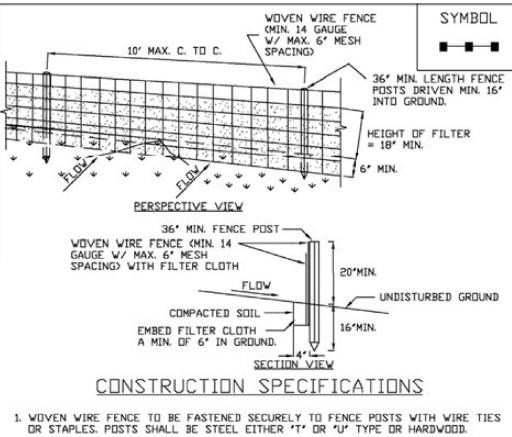
WASH-OUT AREA

CONSTRUCTION ACCESS

STABILIZED

New York State Standards and Specifications November 2016 For Erosion and Sediment Control

Figure 5.30 **Reinforced Silt Fence**



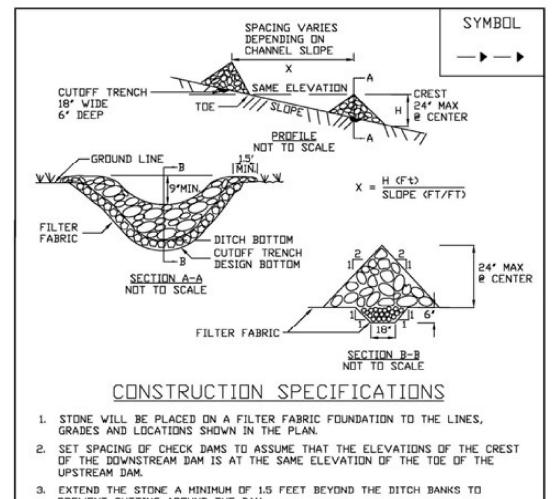
- 2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24' AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 6' MAXIMUM MESH OPENING.
- 3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER-LAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUIVALENT.
- 4. PREFABRICATED UNITS SHALL MEET THE MINIMUM REQUIREMENTS SHOWN.
- 5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN 'BULGES' DEVELOP IN THE SILT FENCE.

ADAPTED FROM DETAILS PROVIDED BY: USDA - NRCS, NEW YORK STATE DEPARTMENT OF TRANSPORTATION, NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION,

REINFORCED SILT FENCE

New York State Standards and Specifica-November 2016 For Erosion and Sediment Control

Figure 3.1 **Stone Check Dam Detail**



PREVENT CUTTING AROUND THE DAM.

AND EROSION WITH STONE OR LINER AS APPROPRIATE 5. ENSURE THAT CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELDW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONE. MAXIMUM DRAINAGE AREA 2 ACRES.

4. PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR

ADAPTED FROM DETAILS PROVIDED BY USDA - NRCS, NEW YORK STATE DEPARTMENT OF TRANSPORTATION, NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION, NEW YORK STATE SOIL & WATER CONSERVATION COMMITTEE

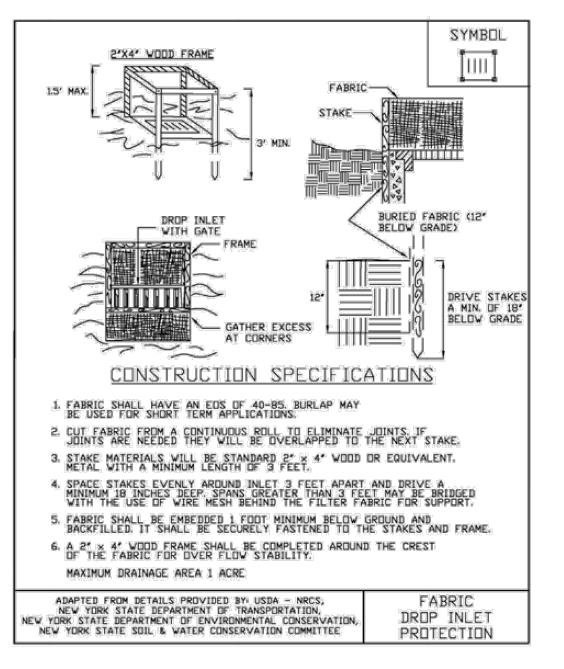
New York State Standards and Specifications

For Erosion and Sediment Control

STONE CHECK DAN

November 2016

Figure 5.32 **Fabric Drop Inlet Protection**



New York State Standards and Specifications For Erosion and Sediment Control

November 2016

Engineering

NEW RESIDENCE SITE PLAN FOR

DRAWING TITLE: **DETAILS** DRAWN BY: LGR

DESIGNED BY: BAMBAMCHECKED BY: AS NOTED 22-182 IOB NO. 11/18/2022 DATE: 97.04-1-58.200 TAX MAP#:

C501