

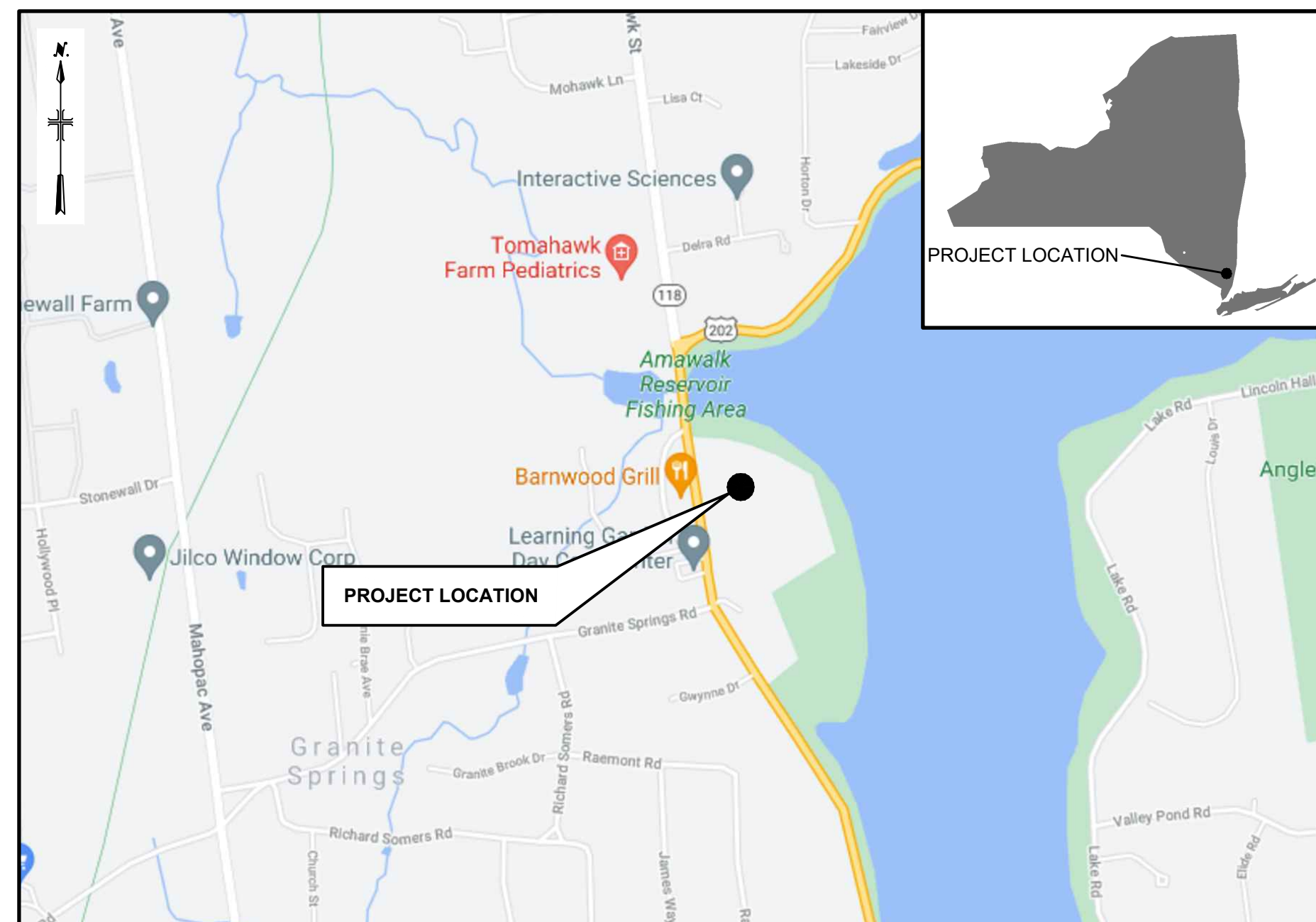


Department of
Environmental
Conservation

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION

GRANITE POINTE SUBDIVISION
TOMAHAWK STREET, TOWN OF SOMERS, NEW YORK
SITE NO. 360107, CONTRACT NO. D012663
TOWN OF SOMERS, WESTCHESTER COUNTY, NEW YORK

GRANITE POINTE SUBDIVISION
REMEDIAL CONSTRUCTION
JANUARY 2023



SITE LOCATION MAP

0 1000' 2000'
APPROX. SCALE

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APPROVED FOR
ARCADIS OF NEW YORK, INC.

LEGAL ENTITY: ARCADIS OF NEW YORK, INC.



NOTE:
SCALES SHOWN HEREIN ARE FOR FULL SIZE 22"x34"
PLOTS. CONTRACTOR SHALL BE RESPONSIBLE FOR
CONVERTING SCALES ON REDUCED OR ENLARGED PLOTS.

User: L-LANZAROTTA Spec: AUS-NCSMOD File: G:\PROJECT\00266426\0000\FILE\GP_ONSITE\REMEDIAL CONTRACT\100% FINAL DESIGN\GRANITE POINTE DRAWINGS\SHEETS\G-01.DWG Scale: 1:1 Saved Date: 12/23/2022 Time: 11:25 Plot Date: LanzaRotta, Eric: 1/4/2023, 12:14 Layout: G-01

GENERAL NOTES

1. THE "DEPARTMENT" OR "NYSDEC" SHALL BE DEFINED AS THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION.
2. THE CONTRACTOR SHALL FURNISH ALL LABOR, EQUIPMENT, MATERIALS, SUPPLIES, FACILITIES, POWER, AND INCIDENTALS NECESSARY TO FULLY COMPLETE THE WORK AS SHOWN, AS SPECIFIED, AND AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING ALL WORK DESCRIBED IN THE CONTRACT DOCUMENTS, INCLUDING ITEMS NOT SPECIFICALLY IDENTIFIED, AS REQUIRED TO COMPLETE THE WORK.
3. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS, AND THE CONTRACTOR'S APPROVED SUBMITTALS. IF ANY LAW, REGULATION AND/OR CONTRACT DOCUMENTS HAVE CONTRADICTING REQUIREMENTS, THEN THE MOST STRINGENT REQUIREMENT SHALL APPLY, AS DETERMINED BY THE ENGINEER. LOCAL LAWS SHALL INCLUDE ANY TOWN, VILLAGE, CITY OR OTHER LOCAL REGULATORY AUTHORITY HAVING JURISDICTION.
4. THE CONTRACTOR IS RESTRICTED FROM PERFORMING ANY OPERATIONS OUTSIDE THE DEFINED CONTRACT LIMITS UNLESS OTHERWISE APPROVED BY THE DEPARTMENT.
5. THE CONTRACTOR SHALL IDENTIFY, APPLY FOR AND OBTAIN, PAY ALL FEES FOR, AND COMPLY WITH ALL REQUIREMENTS OF ALL ISSUED LICENSES, PERMITS, APPROVALS AND INSURANCE REQUIRED FROM FEDERAL, STATE AND LOCAL GOVERNMENT; PUBLIC AGENCIES; AND AUTHORITIES NECESSARY TO PERFORM THE WORK. THE CONTRACTOR SHALL PROVIDE INDEMNIFICATIONS TO PUBLIC AND PRIVATE AGENCIES AND AUTHORITIES AS NECESSARY TO PERFORM THE WORK.
6. UTILITIES SHOWN ON THE PLANS ARE FOR INFORMATION ONLY AND HAVE BEEN OBTAINED FROM AVAILABLE SOURCES. THE EXISTENCE AND LOCATION OF UTILITIES INDICATED ON THE PLANS ARE NOT GUARANTEED AND SHALL BE INVESTIGATED AND VERIFIED IN THE FIELD BY THE CONTRACTOR BEFORE STARTING WORK. PUBLIC AND PRIVATE UTILITIES SHALL BE LOCATED BY THE CONTRACTOR, AT NO ADDITIONAL COST TO THE DEPARTMENT, IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE UTILITY COMPANY NO LATER THAN 48 HOURS PRIOR TO ANY EXCAVATION'S THAT MAY AFFECT THAT UTILITY. EXCAVATION IN THE VICINITY OF UNDERGROUND UTILITIES SHALL BE DUG BY HAND. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES.
7. THE CONTRACTOR SHALL NOTIFY THE ENGINEER A MINIMUM OF FIVE (5) DAYS PRIOR TO THE START OF CONSTRUCTION. IN ADDITION, IF WORK SHOULD BE STOPPED AND RESTARTED FOR ANY REASON, THE CONTRACTOR SHALL GIVE THE ENGINEER A MINIMUM FIVE (5) DAYS NOTICE.
8. THE CONTRACTOR SHALL PERFORM DAILY CLEANUP OPERATIONS WHICH INCLUDE SWEEPING OF THE ROADWAYS, REMOVAL OF DEBRIS (TRASH, DEBRIS, ETC.) REMOVAL OF EXCESS CONSTRUCTION MATERIALS, ALL TO THE SATISFACTION OF THE ENGINEER THROUGHOUT THE CONTRACT DURATION.
9. DURING CONSTRUCTION, THE CONTRACTOR SHALL MAINTAIN TRAFFIC ON ALL ROADWAYS WHERE THE WORK IS IN PROGRESS OR WOULD OTHERWISE BE IMPACTED BY CONSTRUCTION ACTIVITIES. ALL ROADWAYS SHALL REMAIN OPEN AND ACCESSIBLE TO ALL, EXCEPT AS OTHERWISE SPECIFIED OR APPROVED. NO ROAD CLOSURES SHALL BE ALLOWED AS PART OF THE CONTRACT.
10. ALL CONSTRUCTION OPERATIONS SHALL BE ACCOMPLISHED IN ACCORDANCE WITH APPLICABLE STATE AND LOCAL STATUTES AND U.S. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION REGULATIONS (OSHA). CONTRACTOR ALONE WILL BE RESPONSIBLE FOR THE EXECUTION OF THE WORK IN ACCORDANCE WITH ALL APPLICABLE HEALTH AND SAFETY REQUIREMENTS.
11. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE COMMENCING WORK. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REPORT ANY DISCREPANCIES TO THE ENGINEER AND THE DEPARTMENT IN A TIMELY MANNER. FAILURE TO PROSPECT IN ADVANCE OF WORK OR VERIFY DIMENSIONS SHALL NOT BE CAUSE FOR ADDITIONAL COSTS TO THE OWNER OR TIME TO THE CONTRACT.
12. SCALES SHOWN HEREIN ARE FOR FULL SIZE PLOTS ON 22"x 34" SHEETS. THE CONTRACTOR IS RESPONSIBLE FOR CONVERTING SCALES ON REDUCED OR ENLARGED PLOTS.
13. CONTRACTOR SHALL RESTORE SITE TO A CONDITION AT LEAST AS GOOD AS EXISTED PRIOR TO DISTURBANCE (IN KIND) UNLESS OTHERWISE SPECIFICALLY DIRECTED IN THE CONTRACT DOCUMENTS. DAMAGED ITEMS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
14. ANY EXCAVATION THAT IS TO REMAIN OPEN AFTER NORMAL WORKING HOURS SHALL BE COMPLETELY FENCED AND WITH APPROPRIATE SIGNAGE, CONFORMING WITH OSHA REGULATIONS, DETERMINED BY A COMPETENT PERSON, AND TO THE SATISFACTION OF THE ENGINEER TO PROTECT THE PUBLIC AND PREVENT UNAUTHORIZED ENTRY.

ABBREVIATIONS

AC	ACRE
ADD'L	ADDITIONAL
ASPH	ASPHALT
ASTM	AMERICAN SOCIETY OF TESTING MATERIALS
@	AT
&	AND
BC	BOTTOM OF CURB
BE	BOTTOM ELEVATION
BIT.	BITUMINOUS
BL	BASELINE
CB	CATCH BASIN
CL	CENTERLINE
C.O.	CLEAN OUT
CL	CHAIN LINK
CMP	CORRUGATED METAL PIPE
CONC	CONCRETE
CONT	CONTINUE, CONTINUOUS
DEPT	DEPARTMENT
DET	DETAIL
DIA./Ø	DIAMETER
DIM	DIMENSION
DWG(S)	DRAWING(S)
EA	EACH
EL, ELEV	ELEVATION
ENT	ENTRANCE
EQ	EQUAL
EQUIP	EQUIPMENT
ETC	ET CETERA
EXIST	EXISTING
FT	FEET
GAL	GALLON
GC	GENERAL CONTRACTOR
HDPE	HIGH DENSITY POLYETHYLENE
ID	INSIDE DIAMETER
±	PLUS OR MINUS
LBS, #	POUNDS
LF	LINEAR FEET
MAX	MAXIMUM
MFTR/MFG	MANUFACTURER
MIN	MINIMUM
MUTCO	MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES
MW	MONITORING WELL
N	NORTH
NAD	NORTH AMERICAN DATUM
NGVD	NATIONAL GEODETIC VERTICAL DATUM
NO./#	NUMBER
NTS	NOT TO SCALE
NYS DOT	NEW YORK STATE DEPARTMENT OF TRANSPORTATION
NYS DEC	NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
O.C.	ON CENTER
PL	PLATE/PROPERTY LINE
PSI	POUND PER SQUARE INCH
PT OR PNT	POINT
PVMT	PAVEMENT
REQ'D	REQUIRED
SCH	SCHEDULE
SPECS	SPECIFICATIONS
SQ.	SQUARE
SQ. FT.	SQUARE FEET
SQ. IN.	SQUARE INCH
STD	STANDARD
TC	TOP OF CURB
TEMP.	TEMPORARY
TYP	TYPICAL
W/	WITH
W/O	WITHOUT
WWF	WELDED WIRE FABRIC

GENERAL SYMBOLS

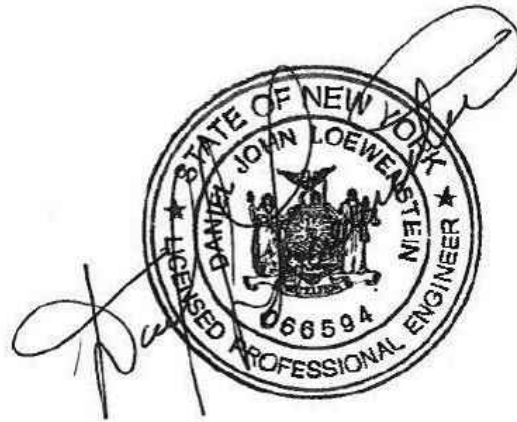
	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	MONITORING WELL
	CONTRACTOR AND ENGINEER TRAILER LOCATION
	EXISTING SOIL STOCKPILE
	EXCAVATION AREA RESTORATION
	GENERAL SITE RESTORATION
	EXISTING DRIVEWAY
	STABILIZED CONSTRUCTION ENTRANCE
	PROPERTY LINE
	SILT FENCE
	LIMITS OF WORK
	GROUND SURFACE SPOT ELEVATION
	HISTORIC ROCK WALL
	EXTENT OF SOIL EXCAVATION
	EXTENT OF 1-FT SOIL REMOVAL
	EXTENT OF 2-FT SOIL REMOVAL
	EXTENT OF 3-FT SOIL REMOVAL
	EXTENT OF 4-FT SOIL REMOVAL
	EXTENT OF 6-FT SOIL REMOVAL
	EXTENT OF 8-FT SOIL REMOVAL



LEGAL ENTITY:
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Division of Environmental Remediation

GRANITE POINTE
SUBDIVISION
REMEDIAL CONSTRUCTION

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CONTRACT NO. D012663
TOWN OF SOMERS
WESTCHESTER COUNTY
NEW YORK

NO.	DATE	ISSUED FOR	BY

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DATE: JANUARY 2023

PROJECT NO.: 30055617

FILE NAME: G-01

DESIGNED BY: E.JL

DRAWN BY: E.JL

CHECKED BY: DH

SHEET TITLE

GENERAL

NOTES,
ABBREVIATIONS, AND
SYMBOLS

SCALE:

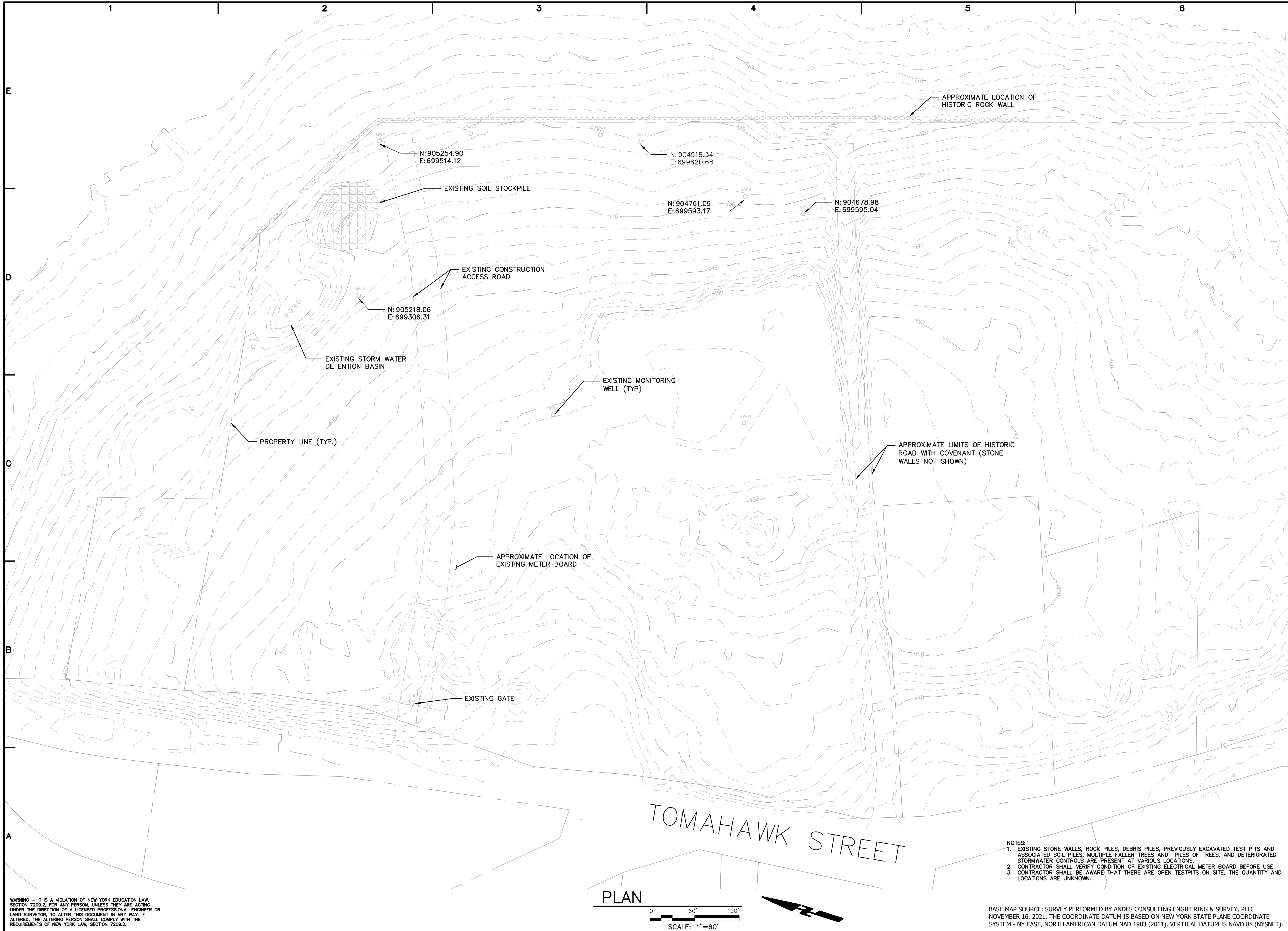
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G-01

SHEET 1 OF 8

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- NOTES:
1. EXISTING STONE WALLS, ROCK PILES, DEBRIS PILES, PREVIOUSLY EXCAVATED TEST PITS AND ASSOCIATED SOIL PILES, MULTIPLE FALLEN TREES AND PILES OF TREES, AND DETERIORATED STORMWATER CONTROLS ARE PRESENT AT VARIOUS LOCATIONS.
 2. CONTRACTOR SHALL VERIFY CONDITION OF EXISTING ELECTRICAL METER BOARD BEFORE USE.
 3. CONTRACTOR SHALL BE AWARE THAT THERE ARE OPEN TESTPITS ON SITE, THE QUANTITY AND LOCATIONS ARE UNKNOWN.


BASE MAP SOURCE: SURVEY PERFORMED BY ANDES CONSULTING ENGINEERING & SURVEY, PLLC NOVEMBER 16, 2021. THE COORDINATE DATUM IS BASED ON NEW YORK STATE PLANE COORDINATE SYSTEM - NY EAST, NORTH AMERICAN DATUM NAD 1983 (2011), VERTICAL DATUM IS NAVD 88 (NYSNET).




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GRANITE POINTE
SUBDIVISION
REMEDIAL CONSTRUCTION

TOMAHAWK STREET
SITE NO. 360107
CONTRACT NO. D012663
TOWN OF SOMERS
WESTCHESTER COUNTY
NEW YORK

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DATE: JANUARY 2023

PROJECT NO.: 30055617

FILE NAME: C-01

DESIGNED BY: E.J.L.

DRAWN BY: E.J.L.

CHECKED BY: DH

SHEET TITLE

GENERAL

EXISTING SITE PLAN

SCALE: 1" = 60'

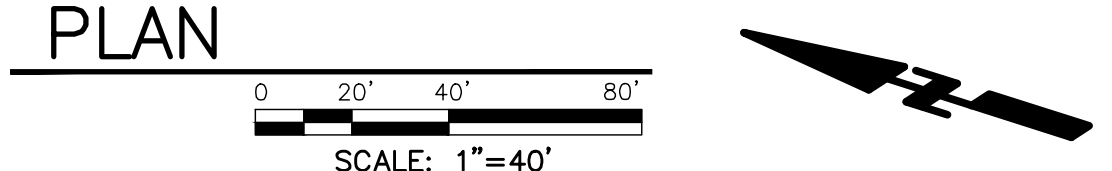
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SHEET 2 OF 8

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- NOTES:
1. EXISTING STRUCTURES LOCATED WITHIN CONTRACTORS STAGING AREA TO REMAIN.
 2. DEBRIS WITHIN CONTRACTORS STAGING AREA MAY BE REMOVED AT CONTRACTORS EXPENSE.
 3. EXISTING MONITORING WELLS SHALL BE PROTECTED DURING CONSTRUCTION. DAMAGE SHALL BE REPAIRED AT CONTRACTORS EXPENSE.
 4. WATER GENERATED BY DECONTAMINATION SHALL BE TREATED IN ACCORDANCE WITH CONTRACTORS WATER TREATMENT PLAN.
 5. CLEARING WITHIN CONTRACTORS STAGING AREA SHALL BE LIMITED TO THE AREA SHOWN.
 6. CONTRACTOR SHALL PERFORM LOCAL GRADING AS NECESSARY TO PROPERLY INSTALL TRAILERS, CONSTRUCTION ENTRANCE, DECONTAMINATION AREA, TEMPORARY TRUCK SCALE, OR OTHER TEMPORARY FACILITIES.
 7. EXCESS MATERIAL GENERATED BY RELOCATING THE EXISTING CONSTRUCTION ACCESS ROAD MAY BE USED TO PROVIDE TEMPORARY LEVELING WITHIN THE CONTRACTORS STAGING AREA.
 8. CONTRACTOR SHALL TEMPORARILY REGRADE THE CONTRACTORS STAGING AREA.
 9. CONTRACTOR SHALL PLACE GEOTEXTILE SEPARATION FABRIC OVER EXISTING GROUND SURFACE AND UNDER TEMPORARY CONTRACTOR LAYDOWN AREAS AND ACCESS ROADS.
 10. CONTRACTOR SHALL PLACE SEPARATION FABRIC UNDER TEMPORARY STOCKPILES, STRUCTURES, STORED EQUIPMENT, ETC., LOCATED WITHIN THE CONTRACTORS STAGING AREA.


BASE MAP SOURCE: SURVEY PERFORMED BY ANDES CONSULTING ENGINEERING & SURVEY, PLLC NOVEMBER 16, 2021. THE COORDINATE DATUM IS BASED ON NEW YORK STATE PLANE COORDINATE SYSTEM - NY EAST, NORTH AMERICAN DATUM NAD 1983 (2011), VERTICAL DATUM IS NAVD 88 (NYSNET).




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PROJECT NO.: 30055617

FILE NAME: C-02

DESIGNED BY: EJL

DRAWN BY: EJL

CHECKED BY: DH

SHEET TITLE

CIVIL

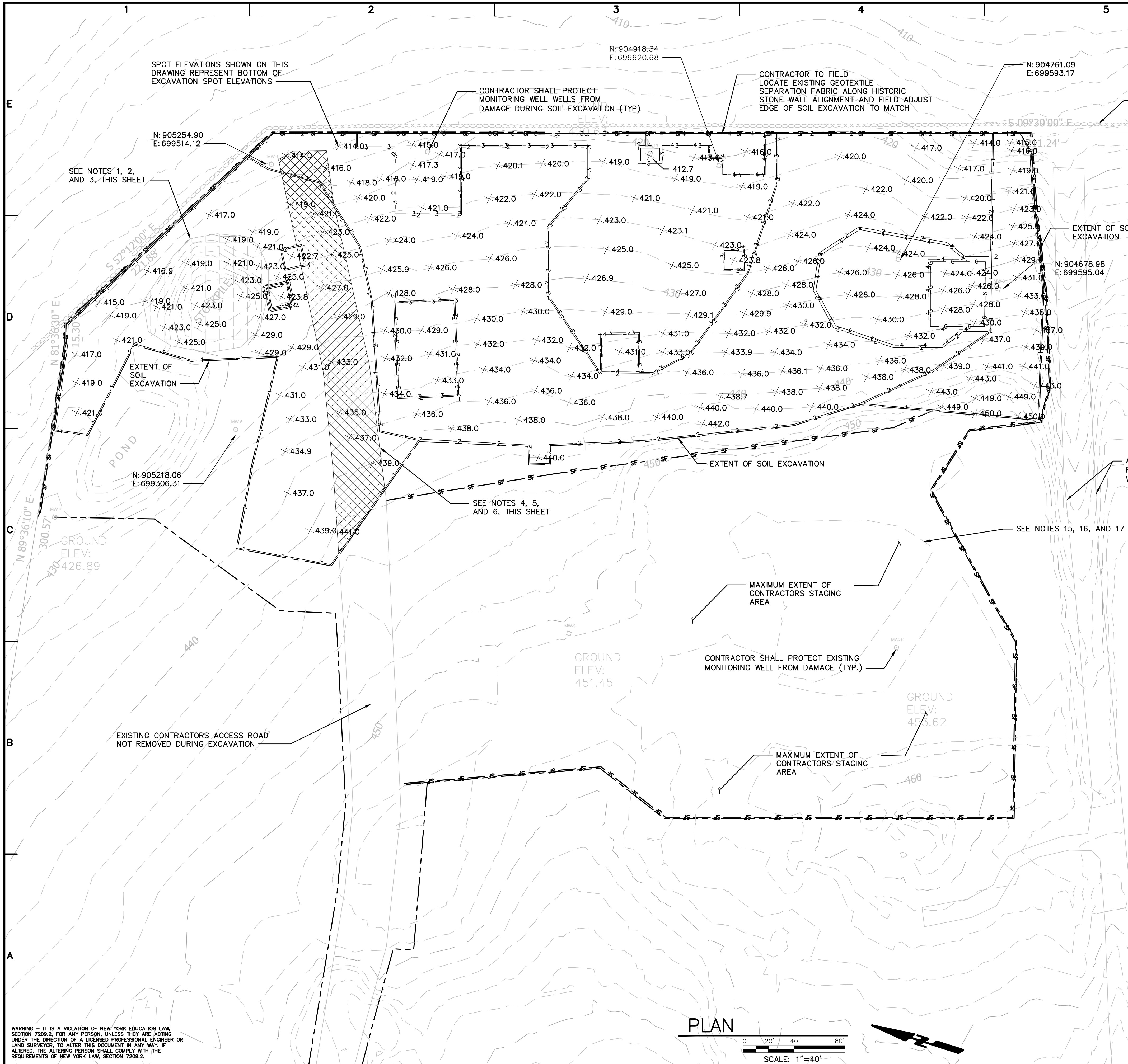
PROJECT LIMITS, AND
EROSION AND
SEDIMENT CONTROLS

SCALE: 1" = 40'

C-02

SHEET 3 OF 8

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DESIGNED BY: E.J.L.
DRAWN BY: E.J.L.
CHECKED BY: DH

SHEET TITLE

CIVIL

EXCAVATION PLAN

SCALE: 1" = 40'

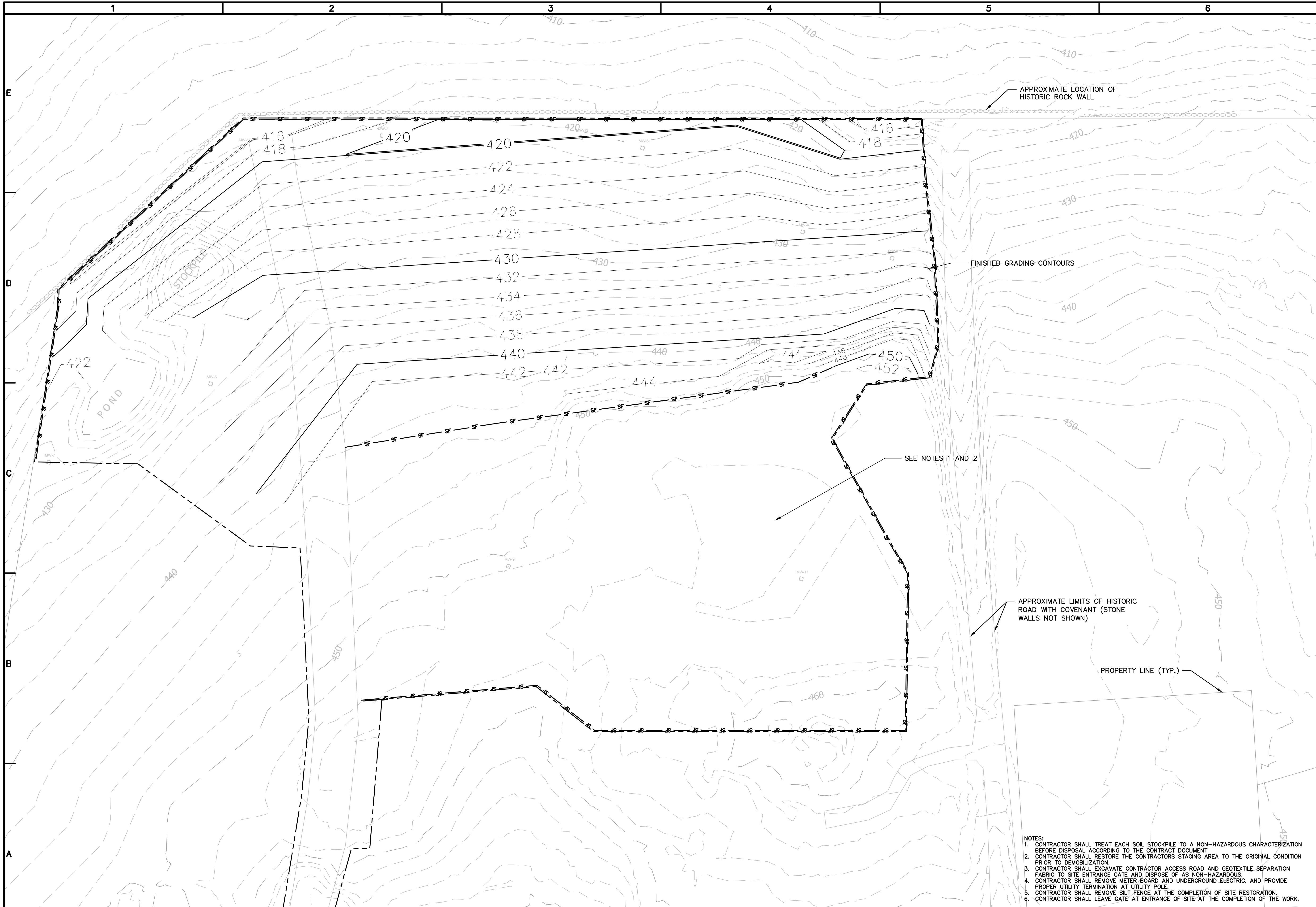
C-03

SHEET 4 OF 8

- NOTES:
- CONTRACTOR SHALL INCLUDE THE EXISTING SOIL STOCKPILE AS PART OF THE SOIL EXCAVATION. TREAT, MANAGE, AND DISPOSE OF THE EXISTING SOIL STOCKPILE AS DESCRIBED IN THE CONSTRUCTION DOCUMENTS FOR SOIL EXCAVATION.
 - GEOTEXTILE SEPARATION FABRIC UNDER EXISTING SOIL STOCKPILE SHALL BE REMOVED AND DISPOSED OF BASED ON WASTE CHARACTERIZATION OF THE SOIL STOCKPILE.
 - CONTRACTOR SHALL VERIFY SURFACE ELEVATION AFTER REMOVAL OF EXISTING SOIL STOCKPILE AND SHALL ADJUST EXCAVATION DEPTHS TO ACHIEVE 1-FT OF SOIL REMOVAL UNDER THE EXISTING SOIL STOCKPILE.
 - CONTRACTOR SHALL EXCAVATE EXISTING CONTRACTORS ACCESS ROAD MATERIAL DOWN TO THE EXISTING GEOTEXTILE, FOR TEMPORARY REUSE OR DISPOSAL BASED ON THE CHARACTERIZATION OF THE ROADWAY MATERIAL.
 - EXISTING GEOTEXTILE SEPARATION FABRIC UNDER CONTRACTORS ACCESS ROAD SHALL BE REMOVED AND DISPOSED OF AS NON-HAZARDOUS WASTE.
 - CONTRACTOR SHALL VERIFY SURFACE ELEVATION AFTER REMOVAL OF CONTRACTORS ACCESS ROAD AND ADJUST EXCAVATION DEPTHS TO ACHIEVE 1-FT OR 2-FT OF SOIL REMOVAL AS SHOWN.
 - CONTRACTOR SHALL PROTECT THE MONITORING WELLS DURING SOIL EXCAVATION, AND RETURN TO PRE-CONSTRUCTION CONDITION IF DAMAGED DURING CONSTRUCTION.
 - CONTRACTOR SHALL NOT STOCKPILE EXCAVATED MATERIALS OUTSIDE OF THE EXCAVATION AREA WITHOUT FOLLOWING THE "DETAIL FOR STOCKPILING ERODIBLE MATERIAL" ON DRAWING C-06.
 - CONTRACTOR SHALL REMOVE EXISTING STORMWATER CONTROLS, WHICH MAY CONSIST OF PLASTIC SHEETING, WOOD STAKES, HAY, HAY BALES, OR STONE.
 - CONTRACTOR SHALL CHARACTERIZE EXISTING STORMWATER CONTROLS USING WIPE SAMPLES AND DISPOSE OF MATERIALS IN A LICENSED WASTE DISPOSAL FACILITY, ACCORDING TO CHARACTERIZATION.
 - EXISTING BOULDER PILES AND ROCK WALLS SHALL BE CLEANED AND MANAGED AS DESCRIBED IN THE CONSTRUCTION DOCUMENTS.
 - WHEN EXISTING TEST PITS ARE ENCOUNTERED, THE CONTRACTOR SHALL EXCAVATE A MINIMUM OF 6" INTO EACH SIDEWALL AND EXCAVATE 1' FROM THE BOTTOM OF THE TEST PIT. SOIL PILES ADJACENT TO TEST PITS SHALL BE REMOVED BEFORE EXCAVATING TO THE DESIGN DEPTH.
 - CONTRACTOR SHALL DISPOSE OF DEBRIS WITHIN THE LIMITS OF SOIL EXCAVATION.
 - CONTRACTOR MAY TEMPORARILY REGRADE THE CONTRACTORS STAGING AREA.
 - CONTRACTOR SHALL PLACE SEPARATION FABRIC UNDER TEMPORARY STOCKPILES, STRUCTURES, STORED EQUIPMENT, ETC., LOCATED WITHIN THE CONTRACTORS STAGING AREA.
 - CONTRACTOR SHALL RESTORE THE CONTRACTORS STAGING AREA TO THE ORIGINAL CONDITION PRIOR TO DEMOBILIZATION.

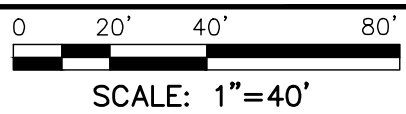
BASE MAP SOURCE: SURVEY PERFORMED BY ANDES CONSULTING ENGINEERING & SURVEY, PLLC NOVEMBER 16, 2021. THE COORDINATE DATUM IS BASED ON NEW YORK STATE PLANE COORDINATE SYSTEM - NY EAST, NORTH AMERICAN DATUM NAD 1983 (2011), VERTICAL DATUM IS NAVD 88 (NYSNET).

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PLAN



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WESTCHESTER COUNTY
NEW YORK

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FILE NAME: C-04
DESIGNED BY: E.J.L.
DRAWN BY: E.J.L.
CHECKED BY: DH

SHEET TITLE

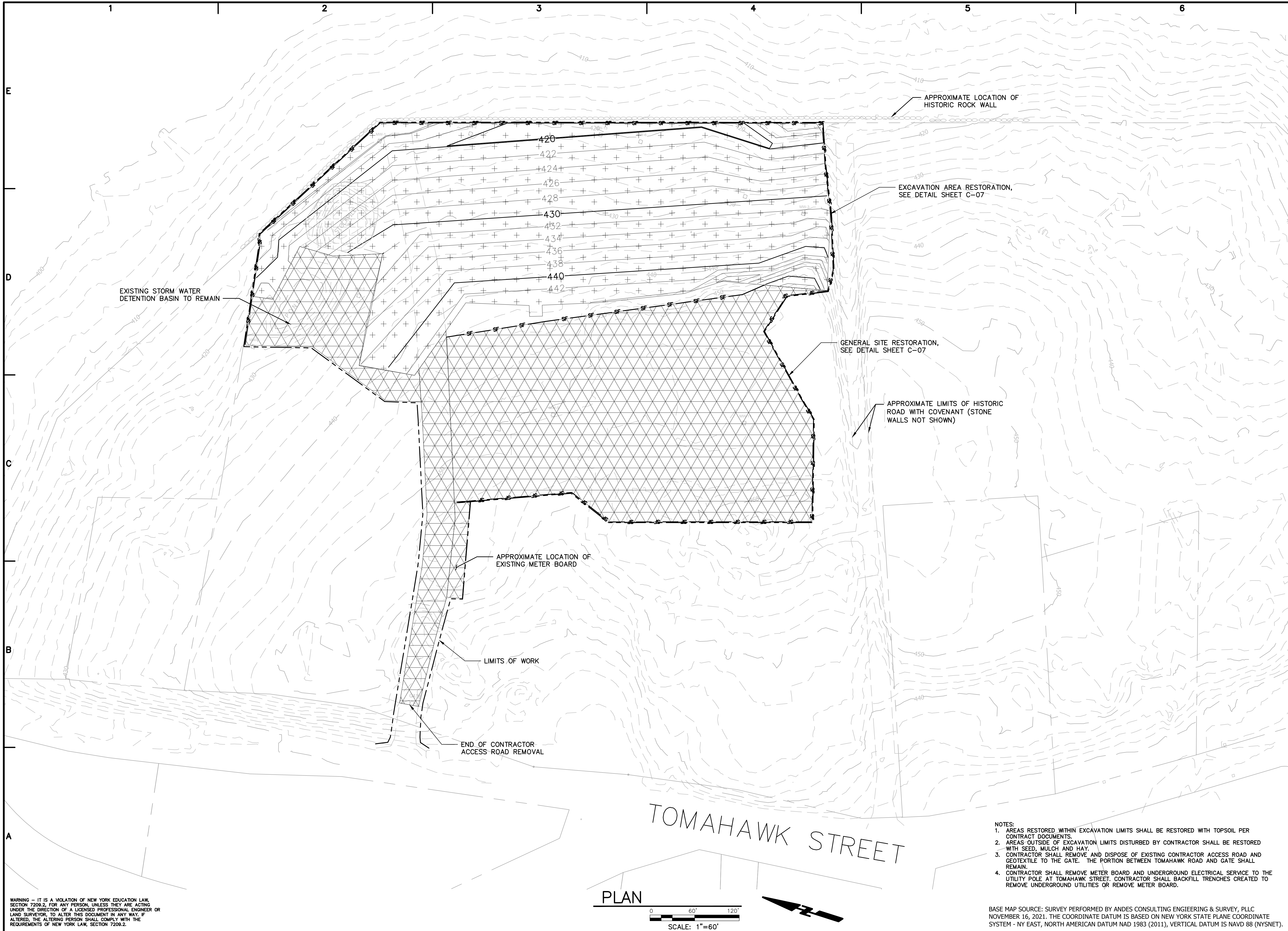
CIVIL

FINAL GRADING PLAN

SCALE: 1" = 40'

C-04
SHEET 5 OF 8

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PROJECT NO.: 30055617

FILE NAME: C-05

DESIGNED BY: E.J.L.

DRAWN BY: E.J.L.

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SHEET TITLE

GENERAL

SITE RESTORATION
PLAN

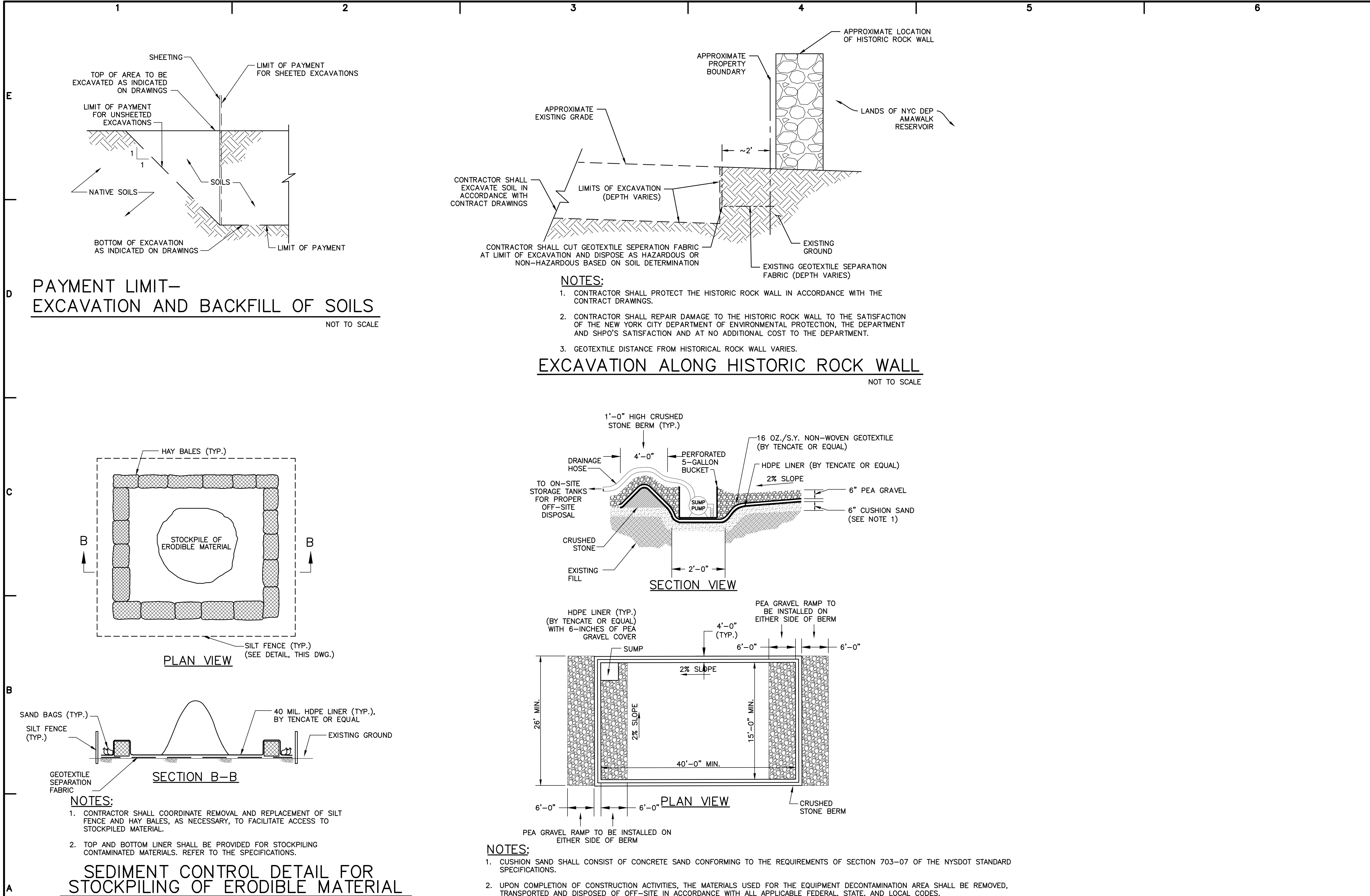
SCALE: 1" = 60'

C-05

SHEET 6 OF 8

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Division of Environmental Remediation

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NEW YORK

NO.	DATE	ISSUED FOR	BY

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ARCADIS OF NEW YORK, INC.

DATE: JANUARY 2023

PROJECT NO.: 30055617

FILE NAME: C-06

DESIGNED BY: E.J.L.

DRAWN BY: E.J.L.

CHECKED BY: DH

SHEET TITLE

CIVIL

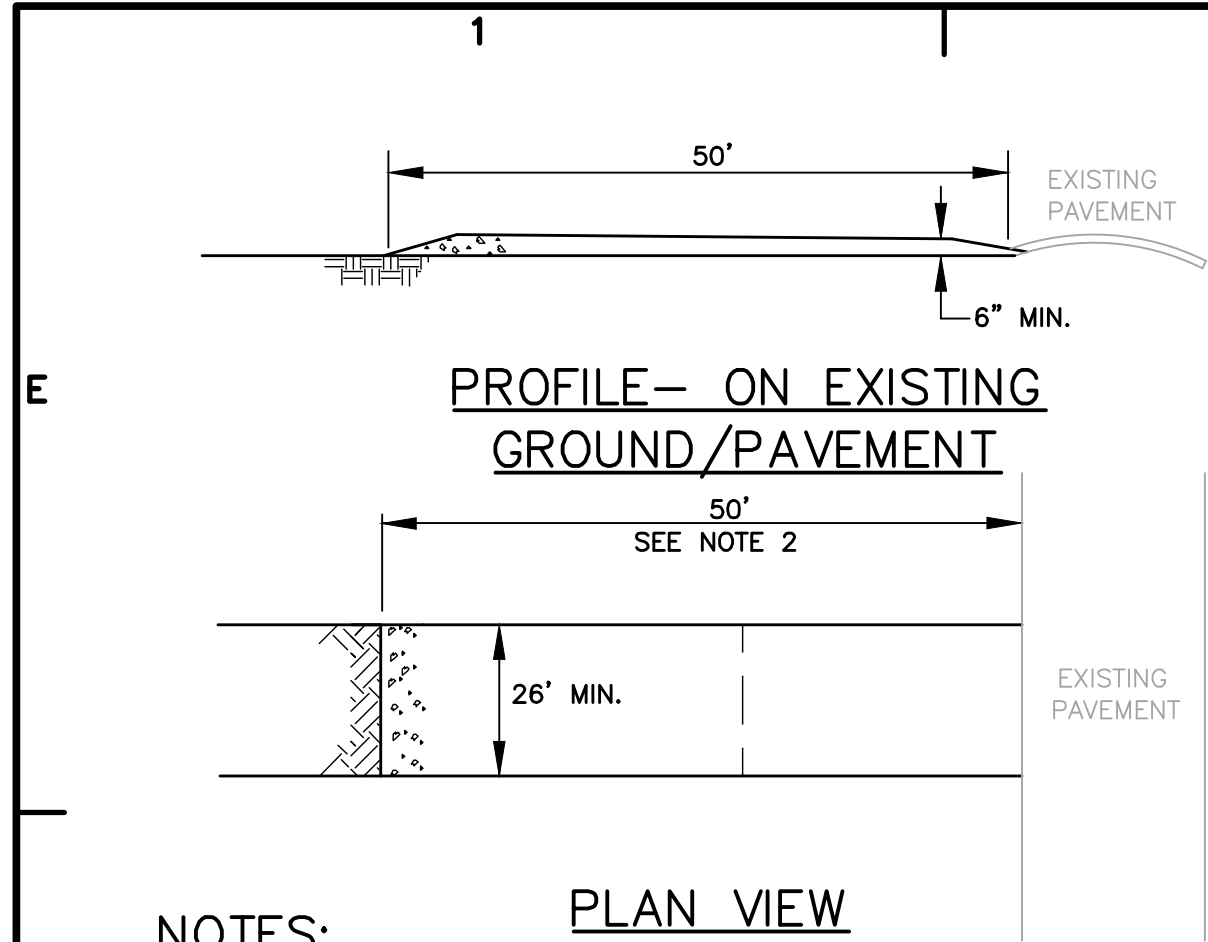
STANDARD DETAILS 1

SCALE: AS SHOWN

C-06

SHEET 7 OF 8

User: LANZAROTTA, Spec: ALUS-NC5MOD, File: G:\PROJECT\00266426\0000\FILE\GP_ONSITE\REMEDIAL CONTRACT\100% FINAL DESIGN\GRANITE POINTE DRAWINGS\SHEETS\C-07.DWG, Scale: 1:1, SavedDate: 12/23/2022, Time: 11:38, Plot Date: Lanzarotta, Eric, 1/4/2023, 12:16, Layout: C-07

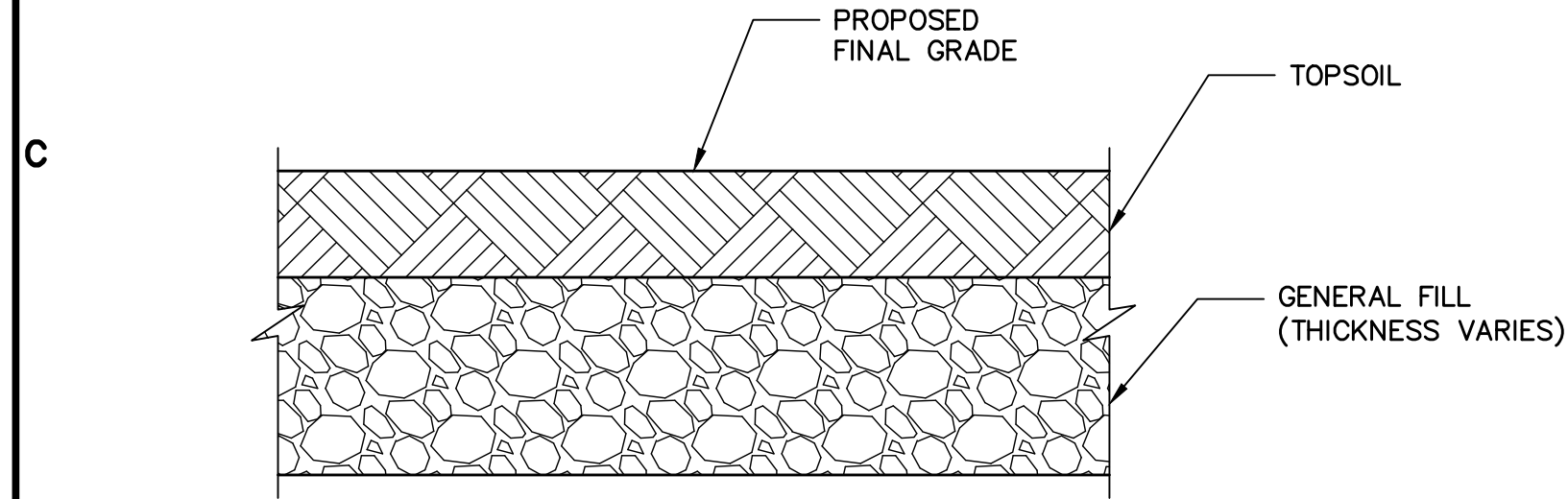


NOTES:

1. STONE SIZE—USE NYSDOT ITEM 304.03, CRUSHED STONE SUBBASE COURSE.
2. LENGTH—AS REQUIRED, BUT NOT LESS THAN 50’.
3. THICKNESS—NOT LESS THAN 6”.
4. STABILIZATION GEOTEXTILE FABRIC WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE. STABILIZATION GEOTEXTILE FABRIC SHALL BE OF THE STRENGTH THAT MEETS OR EXCEEDS THE STANDARDS SET FORTH FOR HEAVY DUTY HAUL ROADS BY THE NYSDOT STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL, 2005. REFER TO DETAILED SPECIFICATION 310519, GEOSYNTHETICS FOR EARTHWORK.
5. 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 IMMEDIATELY.
6. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

STABILIZED CONSTRUCTION ENTRANCE DETAIL

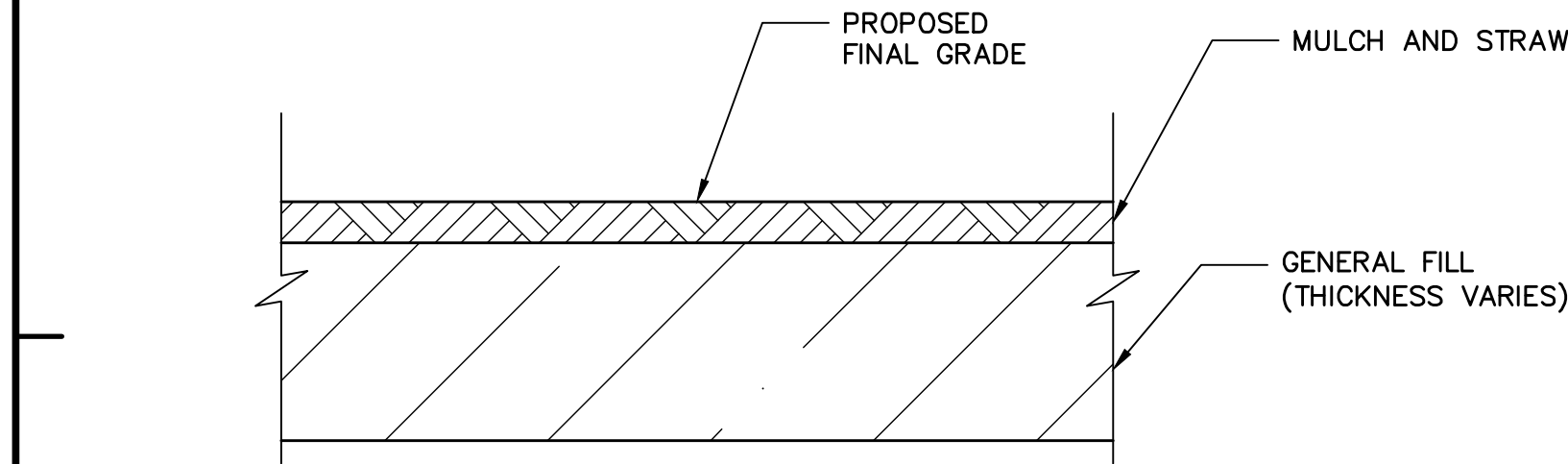
NOT TO SCALE



1. THICKNESS OF GENERAL FILL VARIES.
2. PROVIDE A MINIMUM OF 4-INCHES OF TOPSOIL.
3. CONTRACTOR SHALL AVOID DRIVING EQUIPMENT ON PLACED TOPSOIL TO PREVENT COMPACTION AFTER PLACEMENT.
4. CONTRACTOR SHALL PLACE HAY, MULCH, AND SEED IN ACCORDANCE WITH CONTRACT DOCUMENTS IN AREAS WHERE TOPSOIL PLACEMENT HAS BEEN COMPLETED.

EXCAVATION AREA RESTORATION

NOT TO SCALE

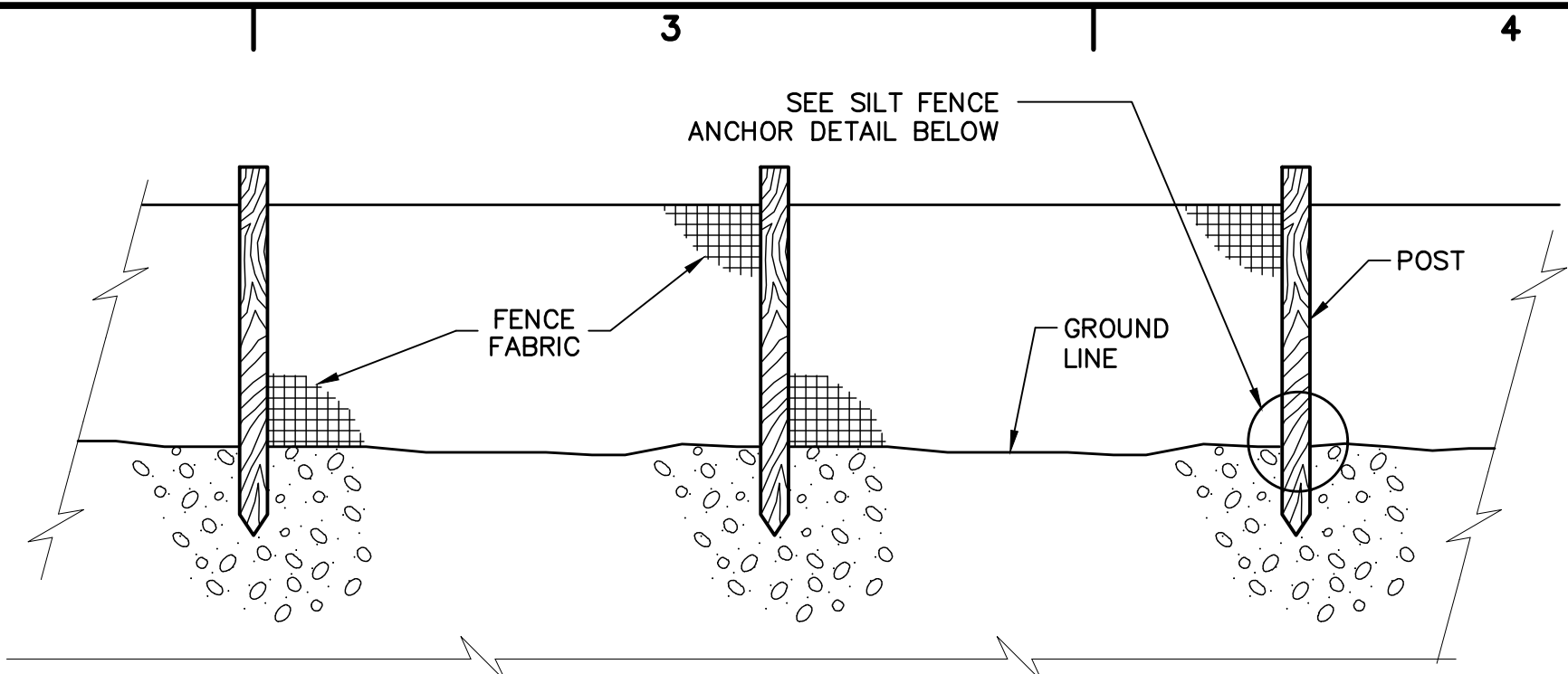


1. BACKFILL OR REGRADING MAY NOT OCCUR IN ALL AREAS AND DEPTH OF DISTURBANCE VARIES.
2. CONTRACTOR SHALL AVOID DRIVING EQUIPMENT ON RESTORED AREAS.
3. CONTRACTOR SHALL PLACE STRAW, MUCH, AND SEED IN ACCORDANCE WITH SPECIFICATION 32 92 00 – LAWNS AND MEADOWS.

GENERAL SITE RESTORATION

NOT TO SCALE

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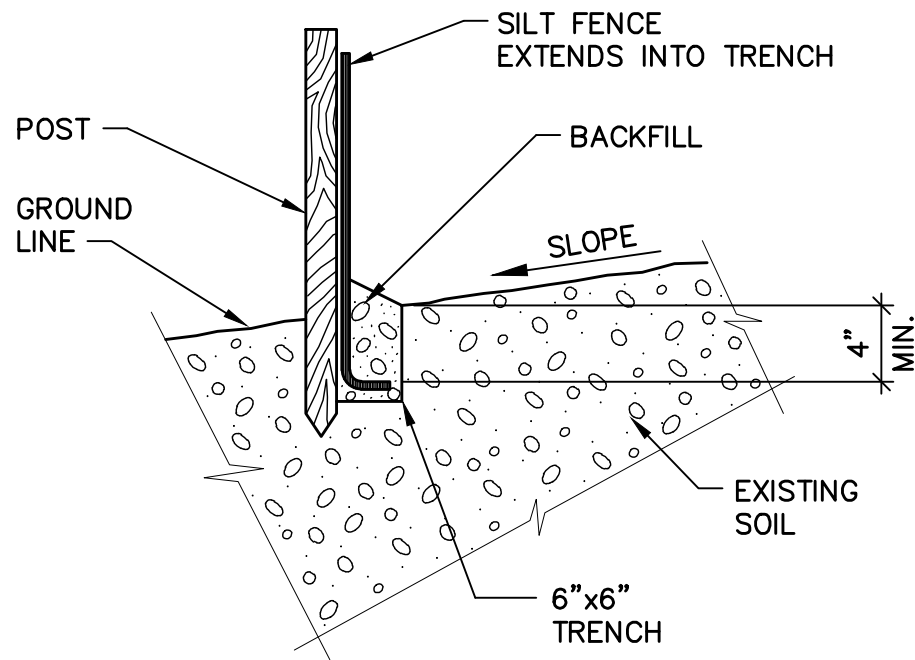


NOTES:

1. CONTRACTOR SHALL FURNISH AND INSTALL SILT FENCE AT LOCATIONS SHOWN.
2. FABRIC SHALL BE FASTENED SECURELY TO FENCE POSTS WITH TIES OR STAPLES
3. WHEN TWO SECTIONS OF FENCE FABRIC ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE FENCE.

SILT FENCE DETAIL

NOT TO SCALE



SILT FENCE ANCHOR DETAIL

NOT TO SCALE

SEDIMENT, EROSION & STORMWATER CONTROL NOTES:

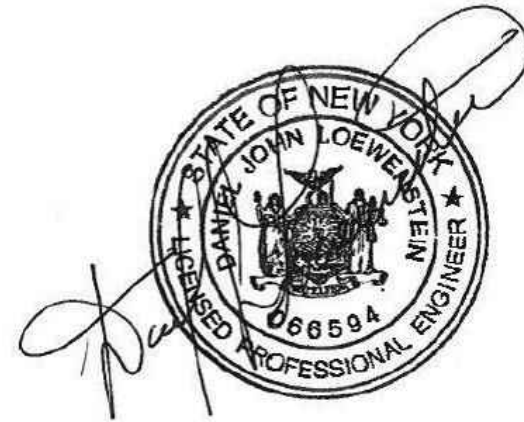
1. ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES TO BE INSTALLED PRIOR TO ALL SOIL DISTURBANCE AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED.
2. SOIL EROSION AND SEDIMENT CONTROL SHALL BE IN ACCORDANCE WITH THE NEW YORK STATE DEPARTMENT OF CONSERVATION'S 2016 NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL HEREIN REFERRED TO AS THE "STATE STANDARDS".
3. PERMANENT VEGETATION TO BE SEEDDED ON ALL EXPOSED AREAS WITHIN TEN (10) DAYS AFTER FINAL GRADING. MULCH TO BE USED AS NECESSARY FOR PROTECTION UNTIL SEEDING IS ESTABLISHED.
4. THE CONTRACTOR SHALL TAKE NECESSARY MEASURES TO MAINTAIN DUST CONTROL. HAUL ROADS SHALL BE SPRINKLED WITH POTABLE WATER OR GIVEN A SURFACE OF CRUSHED STONES OR WOOD CHIPS.
5. ALL SOIL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE LOCATED IN THE FIELD IN ACCORDANCE WITH THE CONTRACTOR'S APPROVED STORM WATER MANAGEMENT PLAN. THE CONTRACT DRAWINGS ARE NOT INTENDED TO SHOW THE LOCATION AND DETAILS FOR ALL SUCH DEVICES BUT ARE TO BE USED AS A REASONABLE GUIDE.
6. ANY CHANGES TO THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLANS WILL REQUIRE THE SUBMISSION OF REVISED SOIL EROSION AND SEDIMENT CONTROL PLANS TO THE DEPARTMENT AND THE ENGINEER. THE REVISED PLANS MUST BE PREPARED BY THE CONTRACTOR AND MUST MEET ALL CURRENT NEW YORK STATE SOIL EROSION AND SEDIMENT CONTROL PRACTICES.
7. CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS.
8. UPON COMPLETION OF CONSTRUCTION WORK AND AFTER FINAL GRADING AND WHEN PERMANENT STABILIZATION HAS BEEN ESTABLISHED, STRAW BALES, SILT FENCES AND ALL OTHER SOIL PLAN APPURTENANCES WILL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR, UNLESS ORDERED TO REMAIN BY THE ENGINEER.
9. CATCH BASIN INLETS MUST BE PROTECTED PRIOR TO START OF CONSTRUCTION.
10. THE CONTRACTOR SHALL PROVIDE A DETAILED SEQUENCE OF CONSTRUCTION OPERATIONS FOR REVIEW AND SUBMITTAL TO THE ENGINEER.
11. THE CONTRACTOR SHALL CONFINE SOIL DISTURBANCE ACTIVITY TO THE AREAS CONTAINED WITHIN THE "LIMITS OF WORK" LINES EXCEPT AS DIRECTED BY THE ENGINEER.
12. SEDIMENT FILTERS PROPOSED BY THE CONTRACTOR SHALL BE INSTALLED IN ACCORDANCE WITH STATE STANDARDS AND THE DETAILS OF DESIGN AND CONSTRUCTION SHALL BE PREPARED AND SUBMITTED BY THE CONTRACTOR TO THE ENGINEER, AND ALL OTHER PERTINENT AGENCIES FOR REVIEW.
13. CONTRACTOR SHALL INSPECT SEDIMENT AND EROSION CONTROL MEASURES DAILY AND AS NECESSARY DURING STORM EVENTS TO MAINTAIN PROPER FUNCTION. EROSION CONTROL MEASURES SHALL BE REPAIRED OR REPLACED IMMEDIATELY AS REQUIRED.



LEGAL ENTITY:
ARCADIS OF NEW YORK, INC.

CONSULTANTS

SEALS



Division of Environmental Remediation

**GRANITE POINTE
SUBDIVISION
REMEDIAL CONSTRUCTION**

**TOMAHAWK STREET
SITE NO. 360107
CONTRACT NO. D012663
TOWN OF SOMERS
WESTCHESTER COUNTY
NEW YORK**

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DRAWN BY: M. ADAMS
CHECKED BY: DH

SHEET TITLE

CIVIL

STANDARD DETAILS 2

SCALE: AS SHOWN

C-07
SHEET 8 OF 8

WARNING - IT IS A VIOLATION OF NEW YORK EDUCATION LAW, SECTION 7209.2, FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK LAW, SECTION 7209.2.