

HARTGEN



archeological associates inc

December 2, 2021

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Subject: 381 N Highland Ave Energy Storage - Ossining, Westchester County, NY
Revised site plan and description of design modifications
20PR02356; Hartgen 5360-31

Dear Mr. Lloyd,

This letter presents a revised site plan (attached) and describes the principal modifications that have been made to the Project since Philip Perazio reviewed Hartgen's May 2021 Avoidance Plan. During the Phase I we found a low-density distribution of flakes, fire-cracked rock, shell, and a projectile point fragment associated with the previously reported Ossining Precontact Site (11912.000078). The site was cut through by a drainage ditch. To the north of the drainage ditch, where artifacts were found in topsoil between 0-15 inches deep, the avoidance plan called for no excavation to occur. To the south of the drainage ditch, where artifacts were encountered in buried topsoil beneath 12-32 inches of fill, the avoidance plan called for a maximum depth of excavation of 6 inches.

Recently, the Project owner (Borrego) has made minor site plan revisions and the Town Planning Board has asked for confirmation that your office concurs that the proposed work conforms to the avoidance plan requirements. The principal modifications between May 2021 and present are summarized below:

- The western boundary of the APE has modified slightly. In this area, Borrego proposes to place fill in an area already containing fill.
- In the northern avoidance area, the placement of fill has been eliminated with the exception of a small berm along the drainage ditch. No excavation is proposed in this area. Fill for the berm will be placed above current ground level.
- In the southern avoidance area, the grading plan has been modified. Under the current plan, excavation is limited to 6 inches (see detail #3 on page 2 of the attached plans). There will be 3-inch driven fence posts placed every 8 feet along the fenceline, some of which will fall in the avoidance area. No excavation is proposed for the fence posts.

Hartgen recommends that the project plans are consistent with the avoidance plan. The sole action that will occur within the protected site stratum is the installation of a small number of fence posts. Similar to posts for solar panel mounts, Hartgen recommends that this minimal activity does not constitute an adverse impact.

Thank you for your review of these materials.

Regards,

A handwritten signature in black ink, appearing to read "Justin DiVirgilio", with a stylized flourish at the end.

Justin DiVirgilio
President

Att. Plan set, revision date November 4, 2021

IT IS A VIOLATION OF LAW FOR ANY PERSON TO ALTER ANY DOCUMENT WHICH BEARS THE SEAL OF A PROFESSIONAL ENGINEER, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER.

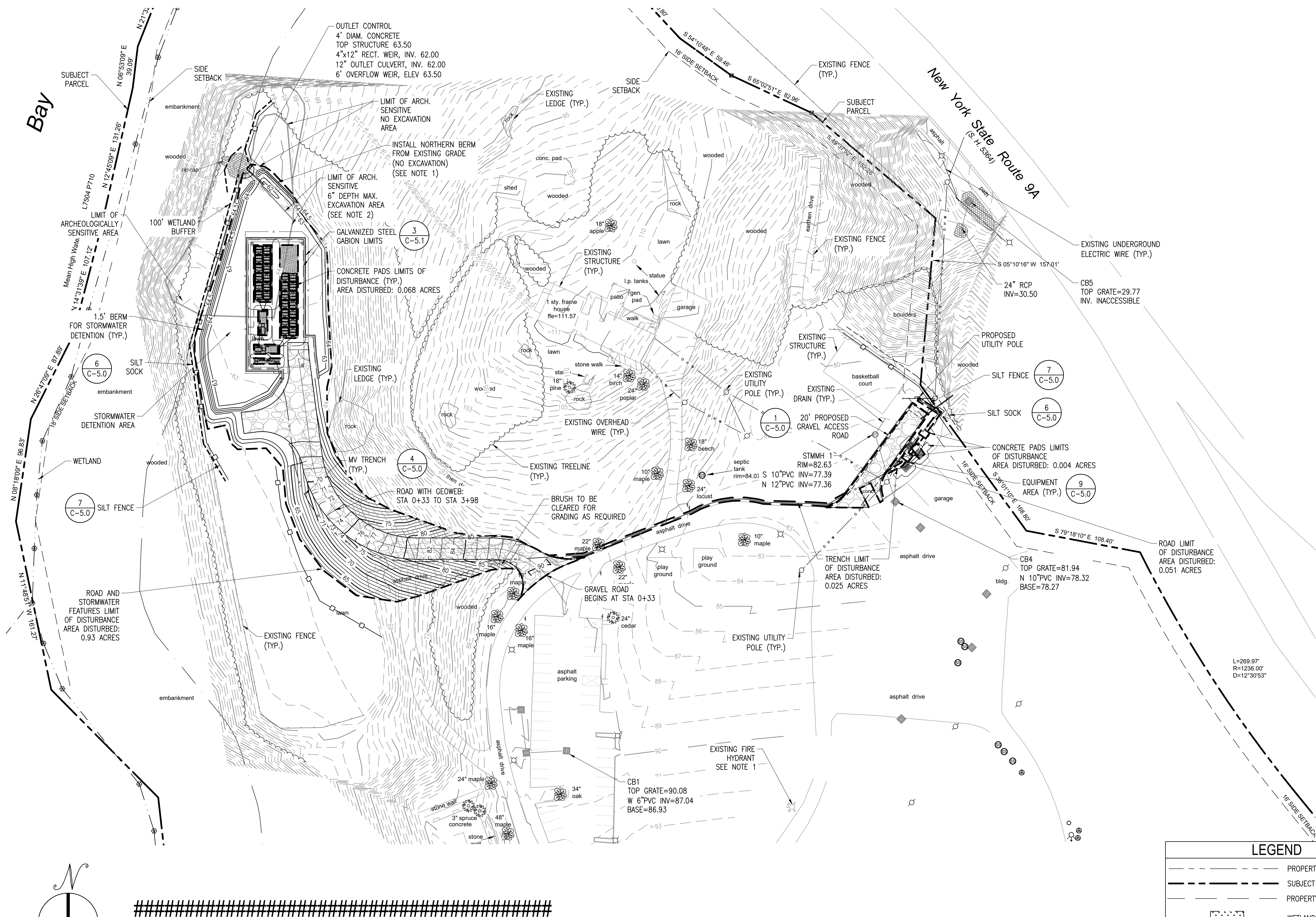
PLAN SET
381 N HIGHLAND AVE
OSSINING, NY 10562

PROJECT NUMBER:
908-1684

DATE	DRAWN	CHECKED	RELEASE LEVEL
12/15/20	DC	GG	PER TOWN COMMENTS
05/19/21	CL	TL	THREE LINE DIAGRAM
06/21/21	DC	TL	STORMWATER SHEETS
07/08/21	TL	AW	BID SET
08/16/21	TL	AW	BID SET
10/25/21	DC	GG	STORMWATER UPDATES
11/04/21	TL	AW	BID SET

SCALES STATED ON DRAWINGS
ARE VALID ONLY WHEN PLOTTED
ARCH D 24" X 36"

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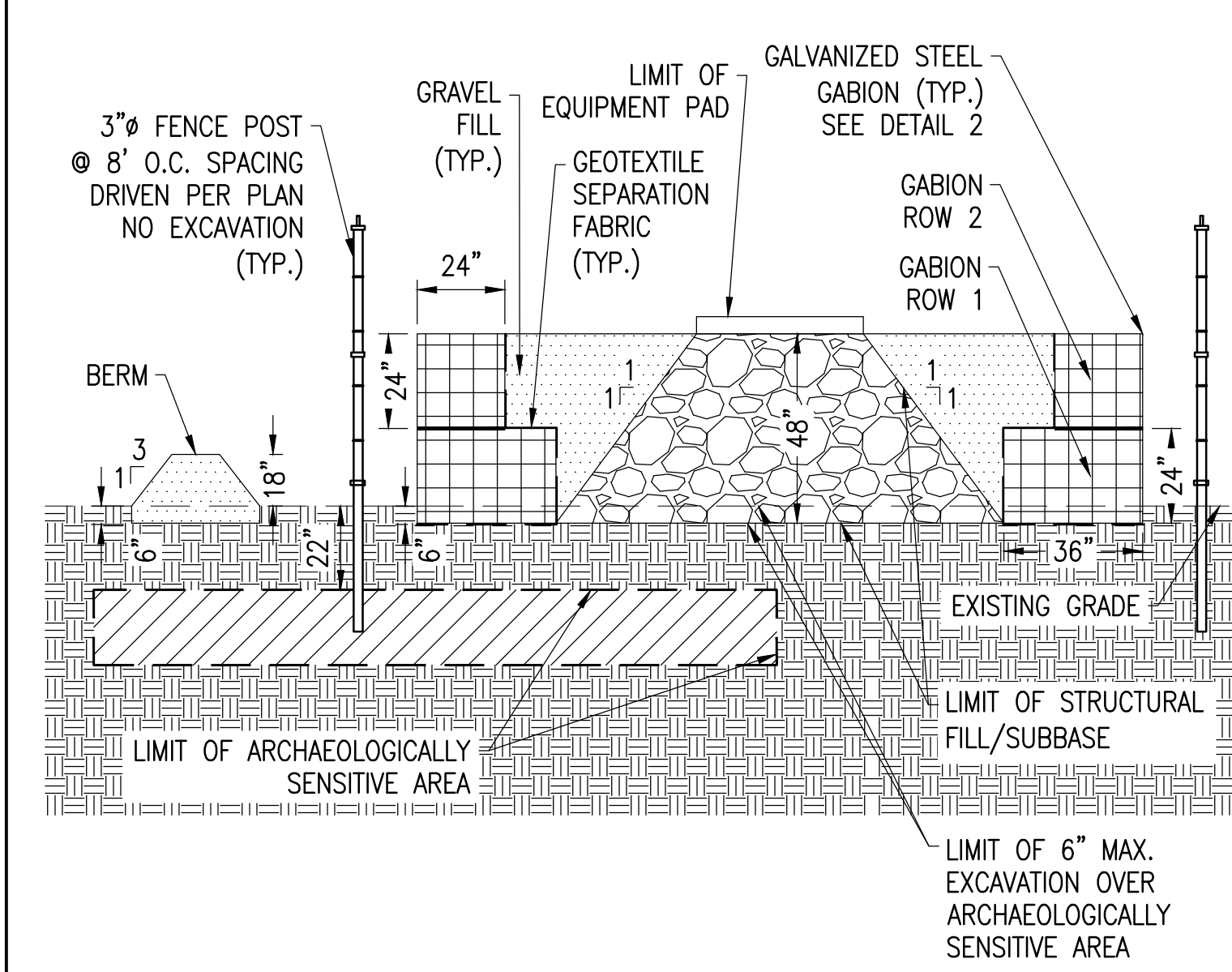


LEGEND

PROPERTY LINE
SUBJECT PROPERTY LINE
PROPERTY LINE SETBACK
WETLANDS
SILT FENCE
SILT SOCK

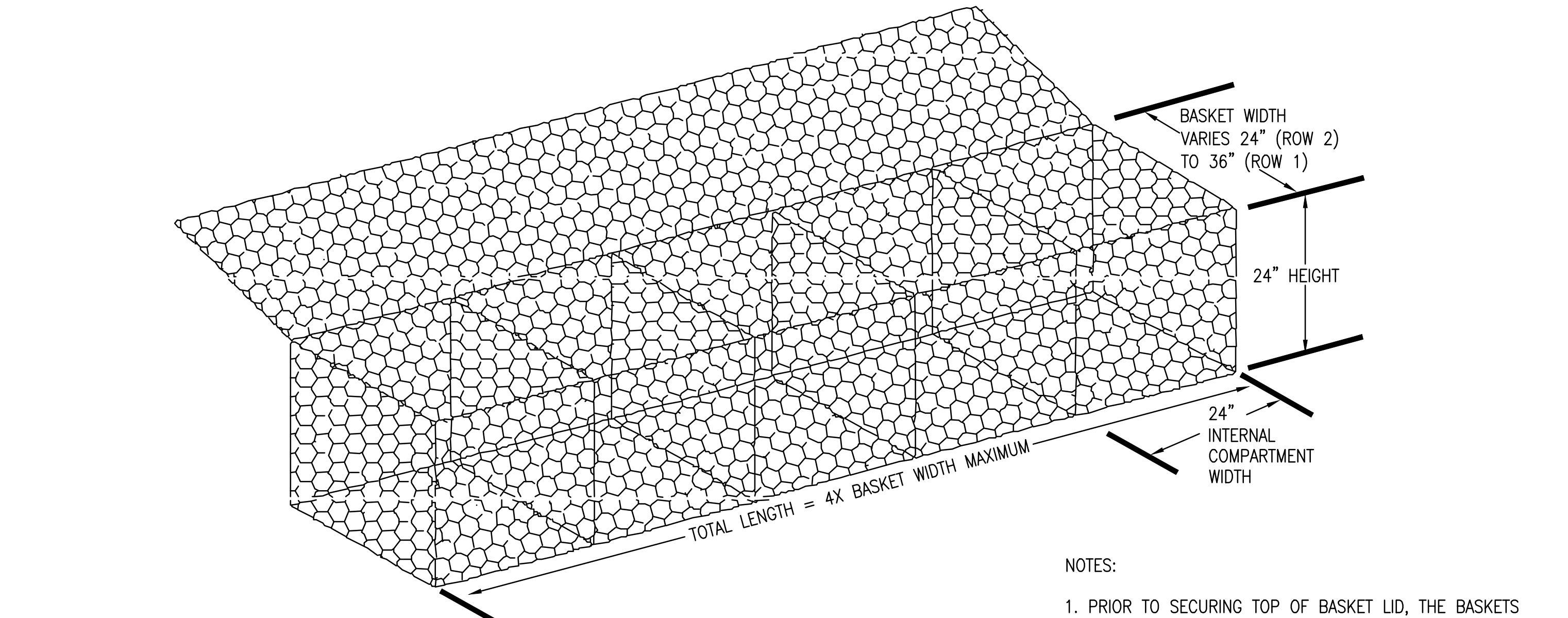
NOTES:

1. NO EXCAVATION ALLOWED WITHIN "NO EXCAVATION AREA" SHOWN ON PLAN. ADD BERM FILL FROM EXISTING GRADE ELEVATION.
2. 6" MAX. EXCAVATION ALLOWED FOR BERM GRADING WITHIN "6" DEPTH MAX. EXCAVATION AREA" SHOWN ON PLAN.



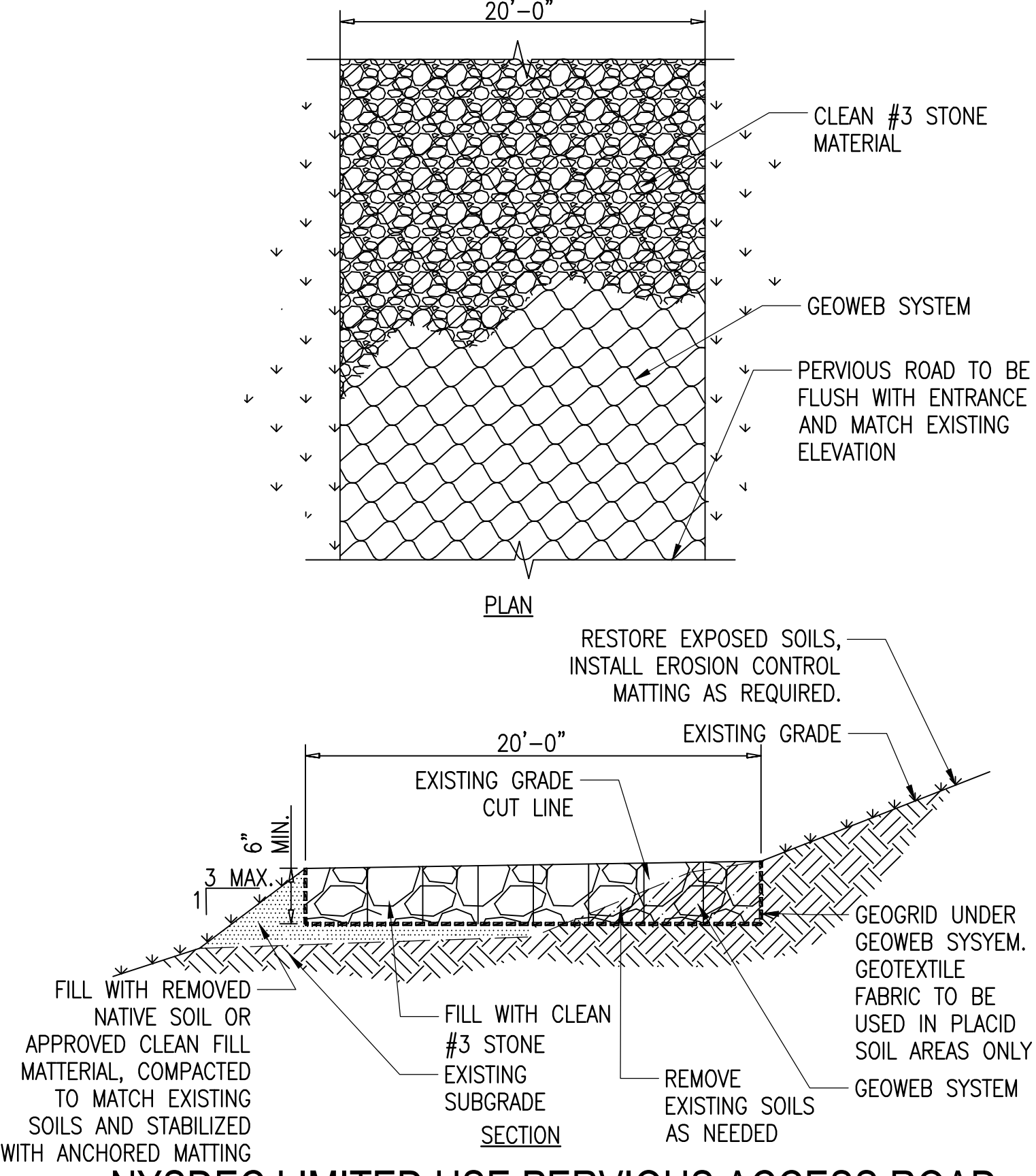
3 ELEVATED EQUIPMENT PAD SECTION

SCALE: NTS
XD_OVL_ELEVATED EQUIPMENT PAD SECTION 2019-04-02



2 TYPICAL GALVANIZED STEEL MESH GABION BASKET

Scale: NTS
XD_STRUC_ELEVATED EQUIPMENT PAD-SECTION_NY 2016-07-20



1 NYSDEC LIMITED USE PERVIOUS ACCESS ROAD FOR GREATER SLOPES

SCALE: N.T.S.
● STA 0+33 TO STA 3+98

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C-5.1
CIVIL DETAILS