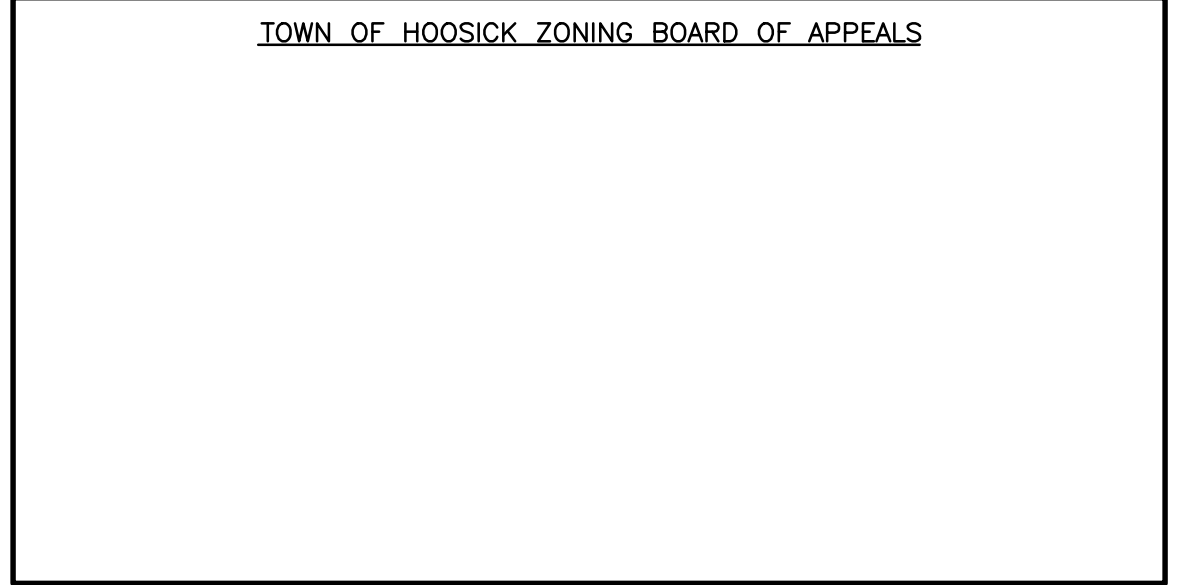


CIVIL PERMIT PLANS FOR WILSON HILL ROAD SOLAR ARRAY

5.0 MW AC

LOCATED AT

469 Wilson Hill Road
Hoosick, NY 12090



APPLICANT/PROJECT OWNER

WILSON HILL SOLAR, LLC
101 SUMMER STREET, 2ND FLOOR
BOSTON, MA 02110

CIVIL ENGINEER

THE ENVIRONMENTAL DESIGN PARTNERSHIP, LLP
900 ROUTE 146
CLIFTON PARK, NY 12065
(518) 371-7621

SURVEYOR

THE ENVIRONMENTAL DESIGN PARTNERSHIP, LLP
900 ROUTE 146
CLIFTON PARK, NY 12065
(518) 371-7621

SOLAR CONSULTANT

NEXAMP, INC.
101 SUMMER STREET, 2ND FLOOR
BOSTON, MA 02110
CONTACT: STACEY EMERICK
PHONE: 828-707-6514

LOCATION MAP

(NOT TO SCALE)



Sheet List Table

SHEET NUMBER	SHEET TITLE
C-100	COVER SHEET
2 OF 2	BOUNDARY AND TOPOGRAPHIC SURVEY MAP
C-201	REMOVALS AND TREE CLEARING PLAN
C-300	OVERALL LAYOUT AND MATERIALS PLAN
C-301	LAYOUT AND MATERIALS PLAN
C-302	LAYOUT AND MATERIALS PLAN
C-303	LAYOUT AND MATERIALS PLAN
C-400	OVERALL EROSION AND SEDIMENT CONTROL PLAN
C-401	EROSION AND SEDIMENT CONTROL PLAN
C-402	EROSION AND SEDIMENT CONTROL PLAN
C-403	EROSION AND SEDIMENT CONTROL PLAN
C-404	EROSION AND SEDIMENT CONTROL DETAILS
C-500	OVERALL DRAINAGE AND GRADING PLAN
C-501	DRAINAGE AND GRADING PLAN
C-502	DRAINAGE AND GRADING PLAN
C-503	DRAINAGE AND GRADING PLAN
C-505	ACCESS ROAD PROFILES
C-600	SITE DETAILS
C-601	SITE DETAILS
C-602	SITE DETAILS
C-700	PHASING PLAN
C-701	PHASING PLAN
L-100	LANDSCAPING AND BUFFER PLAN

SITE INFORMATION

PARCEL ZONING
AGRICULTURAL / RESIDENTIAL (AR)

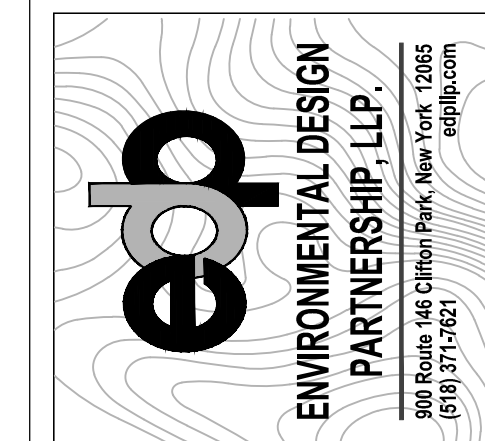
PROJECT DESCRIPTION
5.0 MW AC FIXED TILT PV SYSTEM

BENCHMARKS

BENCHMARKS:
CONTROL TO BE SET BY EDPLLP

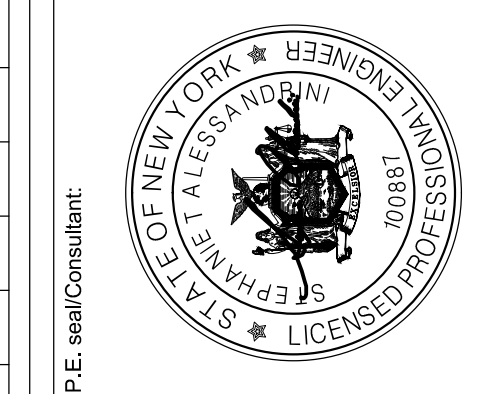


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E	ACCESS ROAD REVISIONS	11/17/2023
F	INTERNAL REVISIONS	11/30/2023
G	REVISIONS PER TDE COMMENTS	1/29/2024



Project: **WILSON HILL SOLAR**
469 Wilson Hill Road
Hoosick Falls, NY 12090

Drawing Title: **COVER SHEET**
NOT FOR CONSTRUCTION
Scale: As Shown Approved by: STA
Drawn by: BMW

Dwg No: **C-100** Size: D Sheet Rev: **G**

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BOUNDARY AND TOPOGRAPHIC SURVEY OF A PORTION OF LANDS OF LARRY BUGBEE
 ALONG WILSON HILL ROAD
 TOWN OF HOOSICK
 RENSSELAER COUNTY, NEW YORK

DESIGNED BY	DATE
DRAWN BY	DATE
CHECKED BY	DATE
PROJECT NUMBER	12203
REVISION	DATE

NO.	DATE	BY

TIMOTHY J. McALONEN
 PLS 50.471
 timj@edpdesign.com

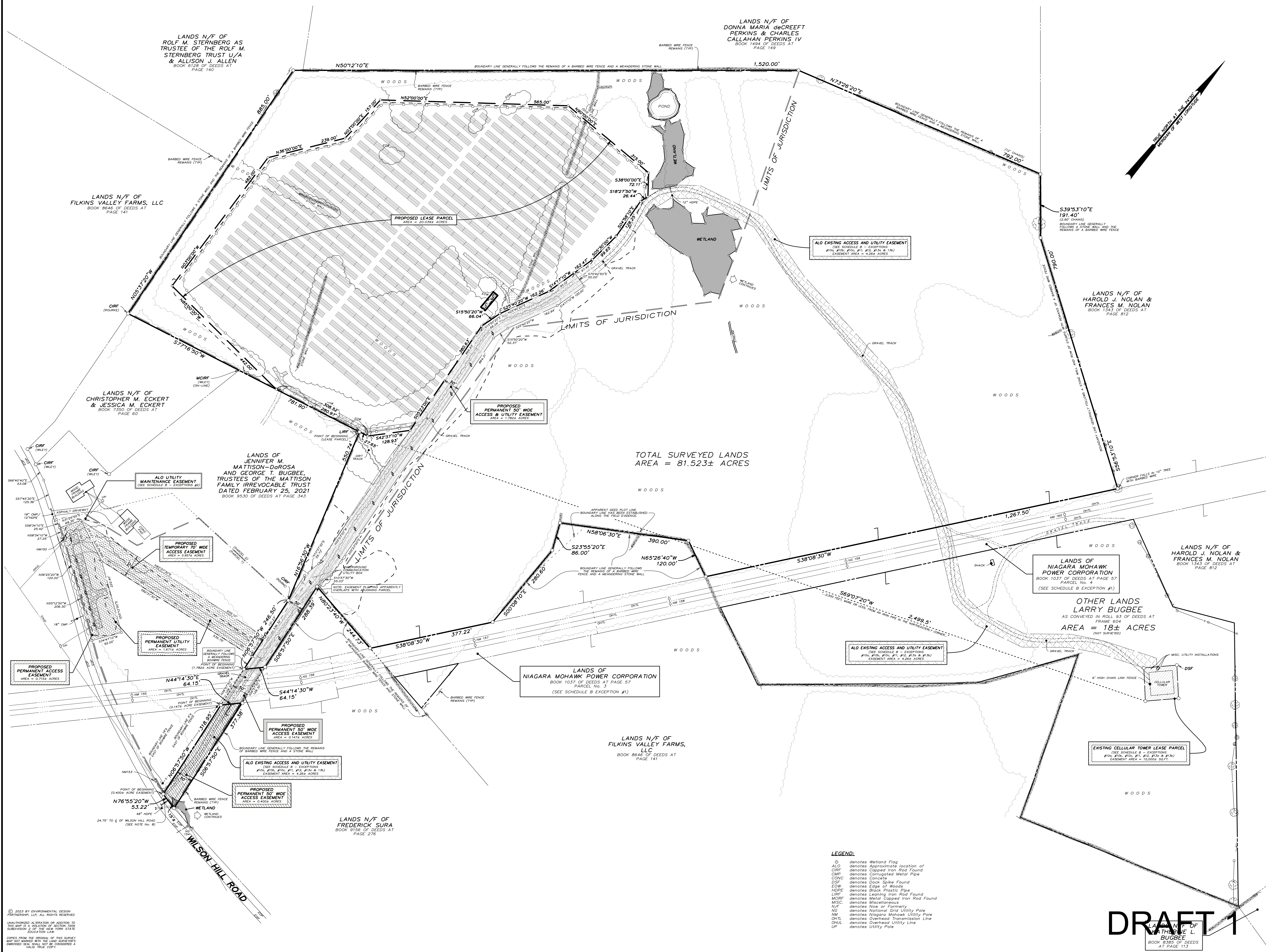
STATE OF NEW YORK
 JOSEPH M. BRONKHORST
 LICENSED LAND SURVEYOR
 050471

SCALE: N.T.S.

DRAFT

SHEET TITLE:
 BOUNDARY AND TOPOGRAPHIC SURVEY MAP

SHEET:
 2 of 2



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 UNAUTHORIZED ALTERATION OR ADDITION TO THIS MAP IS A VIOLATION OF SECTION 7209 SUBSECTION 2 OF THE NEW YORK STATE EDUCATION LAW.
 COMES FROM THE ORIGINAL OF THIS SURVEY MAP NOT MARKED WITH THE LAND SURVEYOR'S EMBOSSED SEAL SHALL NOT BE CONSIDERED A VALID TRUE COPY.

- LEGEND:**
- ⊙ denotes Wetland Flag
 - ALD denotes Approximate location of
 - CMP denotes Corrugated Metal Pipe
 - CONC denotes Concrete
 - DSP denotes Dock Spike Found
 - EDW denotes Edge of Woods
 - HDPE denotes High Density Polyethylene
 - LIRP denotes Leaking Iron Rod Found
 - MCRIF denotes Metal Capped Iron Rod Found
 - MISC. denotes Miscellaneous
 - N/F denotes Now or Formerly
 - NG denotes National Grid Utility Pole
 - NM denotes Niagara Mohawk Utility Pole
 - OTL denotes Overhead Transmission Line
 - OHUL denotes Overhead Utility Line
 - UP denotes Utility Pole




DRAFT 1

LANDS N/F OF
 MATHIEU L.
 BUGBEE
 BOOK 8395 OF DEEDS
 AT PAGE 113

SITE REMOVAL AREAS

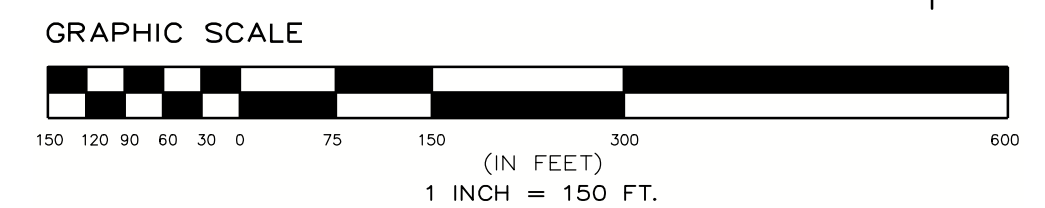
BRUSH & TREE CLEARING AND GRUBBING ±7.373 AC
TOTAL TREE CLEARING ±7.373 AC

REMOVALS LEGEND:

-  DENOTES BRUSH AND/OR TREE CLEARING AND GRUBBING AREA
-  DENOTES BRUSH AND/OR TREE CLEARING ONLY
-  DENOTES ACOE WETLAND AREA
- X** DENOTES ITEMS TO BE REMOVED AND DISPOSED OF OFFSITE

REMOVALS NOTE:

1. UNDERGROUND UTILITIES ARE SHOWN FROM FIELD LOCATION WHERE POSSIBLE AND FROM RECORD DATA WHERE FOUND. EXACT LOCATION OF UTILITIES MAY DIFFER FROM THE LOCATION SHOWN, AND ADDITIONAL UTILITIES MAY EXIST. VERIFY THE PRESENCE AND EXACT LOCATION OF ALL UTILITIES WITHIN THE CONTRACT LIMIT LINE AND/OR LIMITS OF DISTURBANCE PRIOR TO COMMENCING ANY EXCAVATION WORK. NOTIFY SITE ENGINEER IMMEDIATELY IF LOCATION CONFLICTS WITH LAYOUT.
2. RETURN ALL DISTURBED AREAS TO THEIR EXISTING COVER TYPES UPON CONSTRUCTION COMPLETION UNLESS OTHERWISE SPECIFIED.
3. INSTALL EROSION CONTROL MEASURES PRIOR TO ALL REMOVAL ACTIVITIES.
4. MAINTAIN EMERGENCY ACCESS TO SITE AT ALL TIMES.
5. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL COORDINATE ALL WORK WITH UTILITY EASEMENT AREA WITH UTILITY OWNER.



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WILSON HILL SOLAR
 469 Wilson Hill Road
 Hoosick Falls, NY 12090


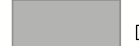

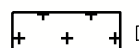








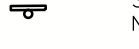
REMOVALS AND TREE CLEARING PLAN
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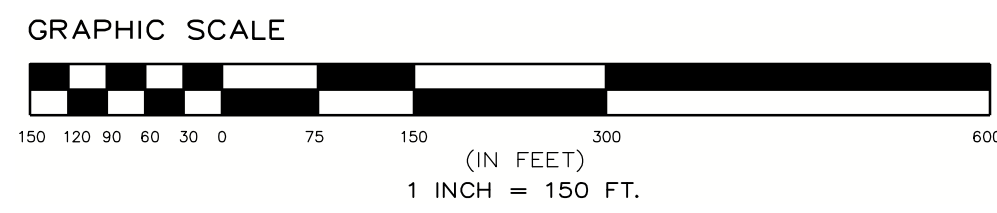
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LAYOUT AND MATERIALS PLAN LEGEND

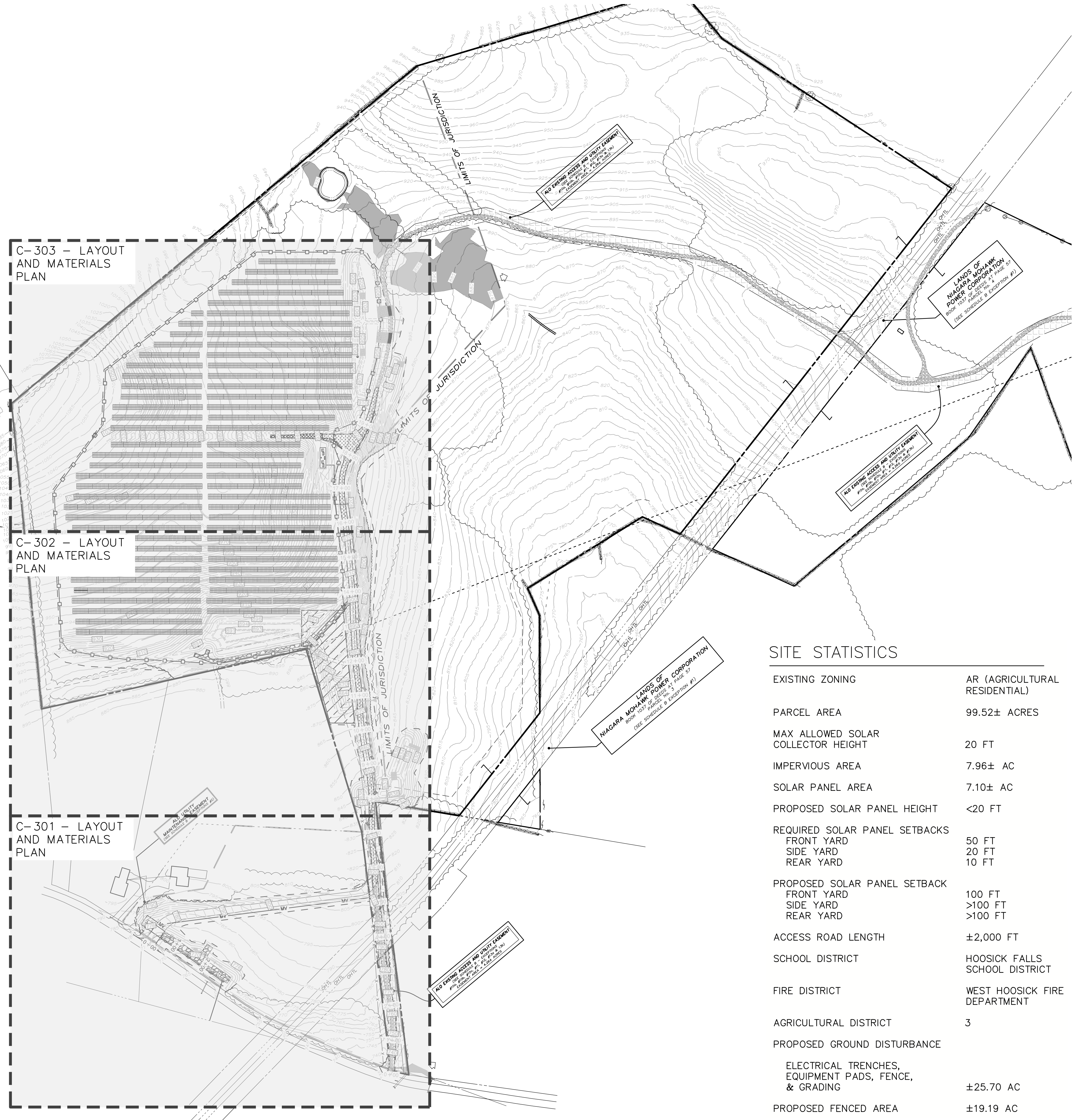
-  DENOTES EXISTING GRADE
-  DENOTES USACE WETLAND AREAS
-  DENOTES TEMPORARY CONSTRUCTION ACCESS ROAD (2 C-600)
-  DENOTES IMPROVED IMPERVIOUS GRAVEL PORTIONS OF MAINTENANCE ACCESS ROAD (2 C-600)
-  DENOTES IMPROVED IMPERVIOUS PAVED PORTIONS OF MAINTENANCE ACCESS ROAD (4 C-602)
-  DENOTES RIP-RAP SLOPE/OUTLET PROTECTION (4 C-601)
-  DENOTES TEMPORARY EROSION CONTROL BLANKET (2 C-404)
-  DENOTES FIXED KNOT FARM FENCE (3 C-600)
-  DENOTES SOLAR PANEL TRACKER (SEE ELECTRICAL PLANS FOR DETAILS) (6 C-601)
-  DENOTES MEDIUM VOLTAGE TRENCH (SEE ELECTRICAL PLANS FOR DETAILS) (10 C-601)
-  DENOTES PROPOSED CONTOUR
-  DENOTES PERMANENT OVERLAND FLOW DISPERSION DEVICE (5 C-601)
-  STORMWATER MANAGEMENT FACILITY NOTIFICATION SIGN (2 C-601)



C-303 - LAYOUT AND MATERIALS PLAN

C-302 - LAYOUT AND MATERIALS PLAN

C-301 - LAYOUT AND MATERIALS PLAN



SITE STATISTICS

EXISTING ZONING	AR (AGRICULTURAL RESIDENTIAL)
PARCEL AREA	99.52± ACRES
MAX ALLOWED SOLAR COLLECTOR HEIGHT	20 FT
IMPERVIOUS AREA	7.96± AC
SOLAR PANEL AREA	7.10± AC
PROPOSED SOLAR PANEL HEIGHT	<20 FT
REQUIRED SOLAR PANEL SETBACKS	
FRONT YARD	50 FT
SIDE YARD	20 FT
REAR YARD	10 FT
PROPOSED SOLAR PANEL SETBACK	
FRONT YARD	100 FT
SIDE YARD	>100 FT
REAR YARD	>100 FT
ACCESS ROAD LENGTH	±2,000 FT
SCHOOL DISTRICT	HOOSICK FALLS SCHOOL DISTRICT
FIRE DISTRICT	WEST HOOSICK FIRE DEPARTMENT
AGRICULTURAL DISTRICT	3
PROPOSED GROUND DISTURBANCE	
ELECTRICAL TRENCHES, EQUIPMENT PADS, FENCE, & GRADING	±25.70 AC
PROPOSED FENCED AREA	±19.19 AC

NOTES:
1. PROPOSED UTILITY AND CUSTOMER POLE LOCATIONS ARE SUBJECT TO UTILITY APPROVAL AND MAY CHANGE. CONTRACTOR SHALL VERIFY FINAL POLE LOCATIONS WITH THE OWNER PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.

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WILSON HILL SOLAR

469 Wilson Hill Road
Hoosick Falls, NY 12090

OVERALL LAYOUT AND MATERIALS PLAN

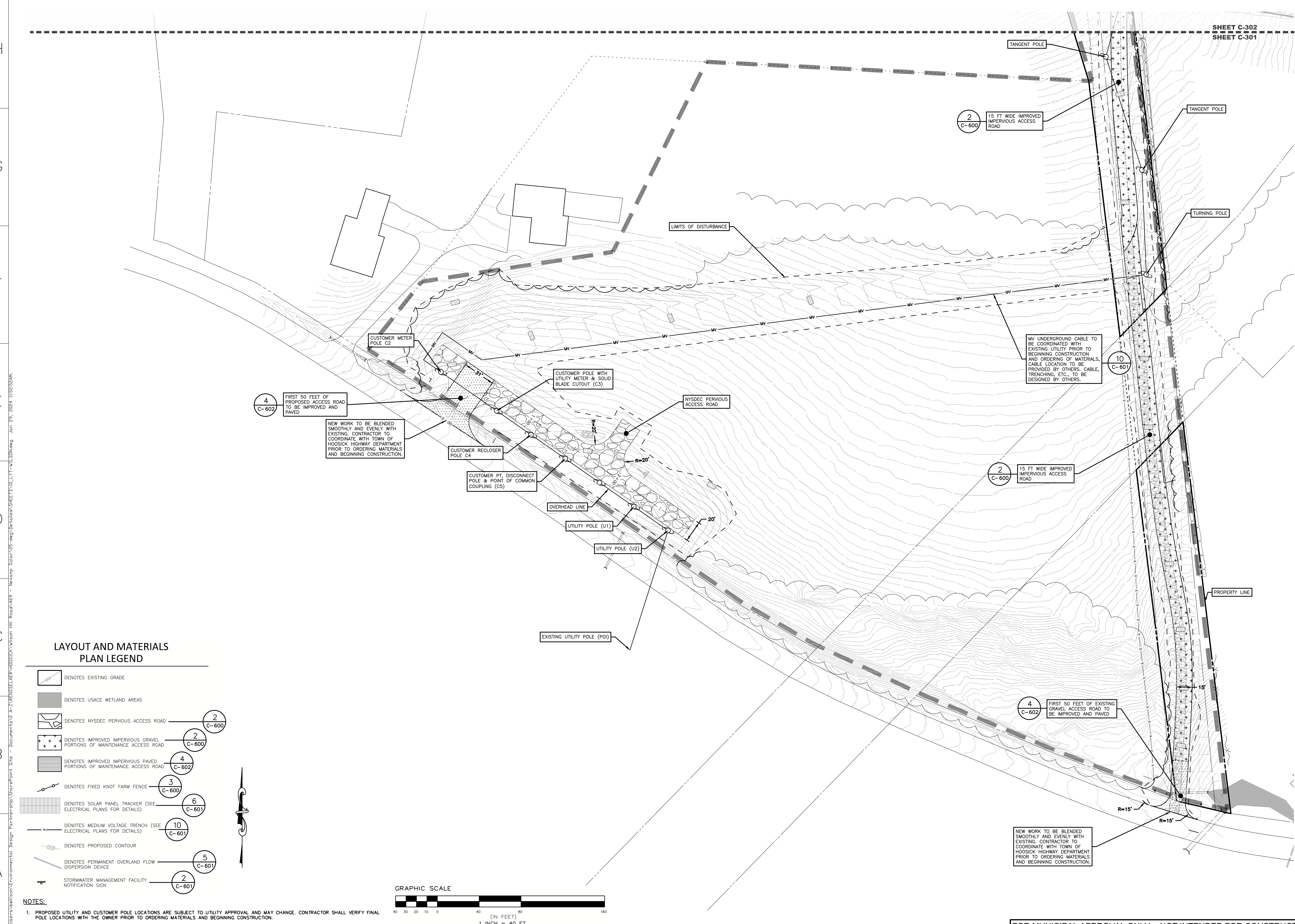
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Drawn by: BMW

Dwg No: C-300 Size: D Sheet Rev: G

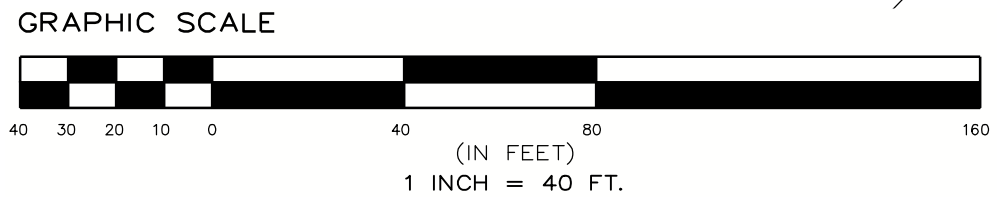
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LAYOUT AND MATERIALS PLAN LEGEND

- DENOTES EXISTING GRADE
- DENOTES USACE WETLAND AREAS
- DENOTES NYSDEC PERVIOUS ACCESS ROAD
- DENOTES IMPROVED IMPERVIOUS GRAVEL PORTIONS OF MAINTENANCE ACCESS ROAD
- DENOTES IMPROVED IMPERVIOUS PAVED PORTIONS OF MAINTENANCE ACCESS ROAD
- DENOTES FIXED KNOT FARM FENCE
- DENOTES SOLAR PANEL TRACKER (SEE ELECTRICAL PLANS FOR DETAILS)
- DENOTES MEDIUM VOLTAGE TRENCH (SEE ELECTRICAL PLANS FOR DETAILS)
- DENOTES PROPOSED CONTOUR
- DENOTES PERMANENT OVERLAND FLOW DISPERSION DEVICE
- STORMWATER MANAGEMENT FACILITY NOTIFICATION SIGN

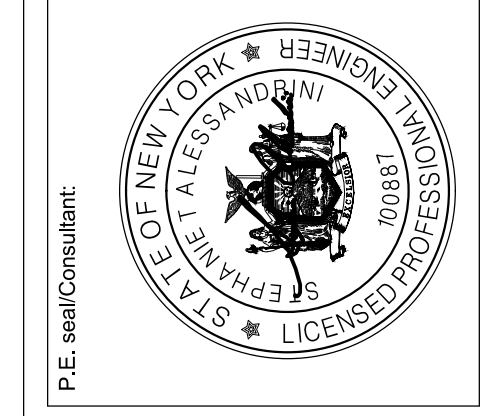
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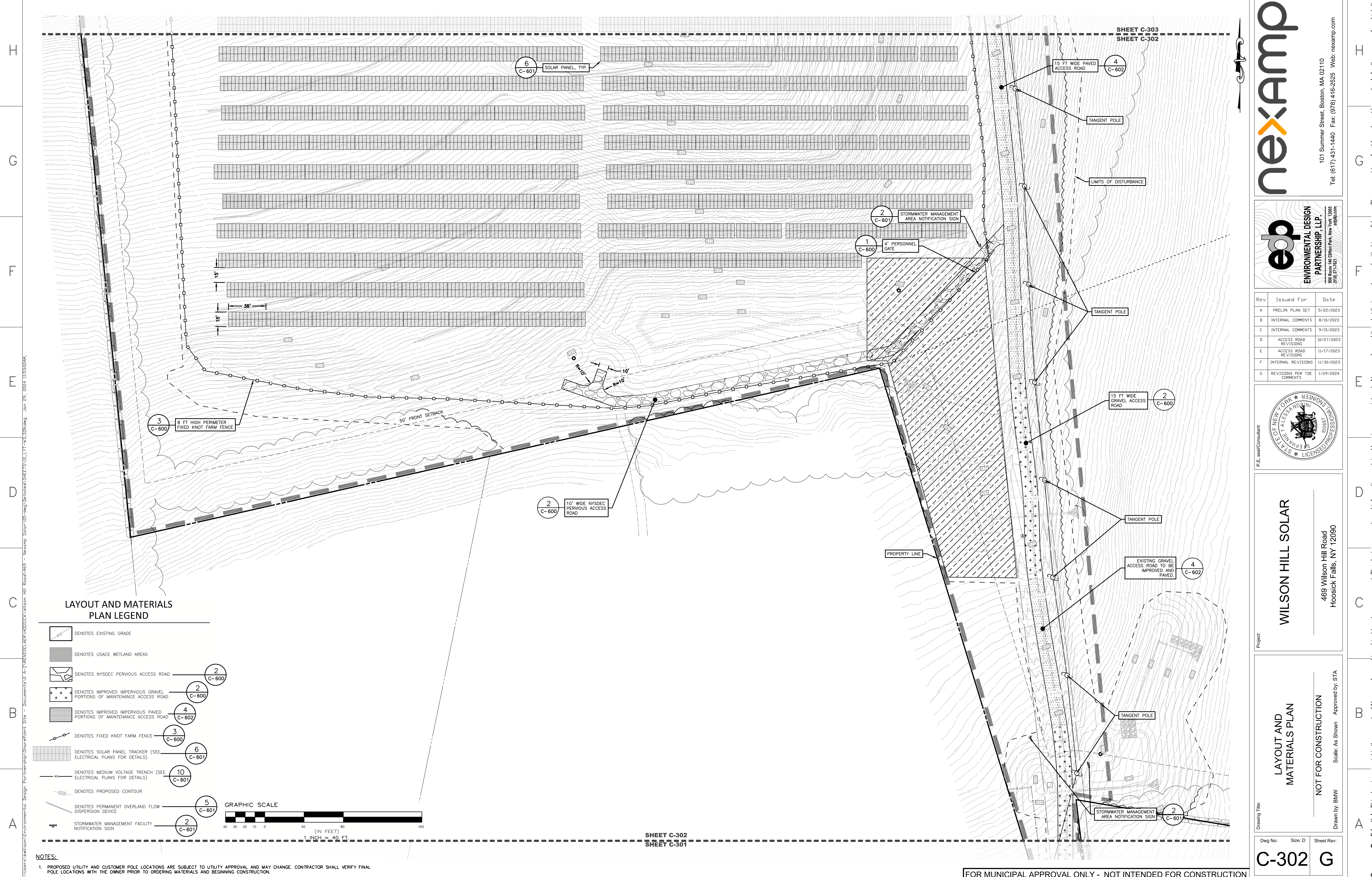
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LAYOUT AND MATERIALS PLAN
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 Scale: As Shown Approved by: STA
 Drawn by: BMW

Dwg No: C-301 G
 Size: D
 Sheet Rev: G

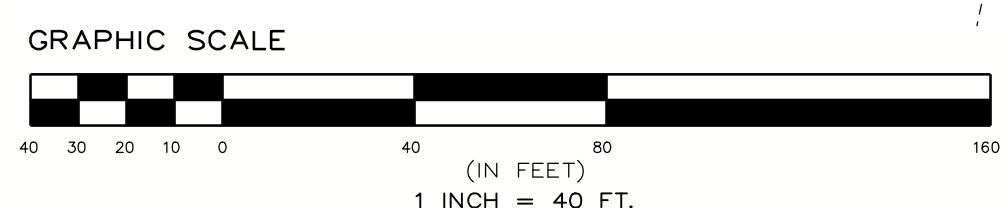
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- DENOTES USACE WETLAND AREAS
- DENOTES NYSDC PERVIOUS ACCESS ROAD (2 C-600)
- DENOTES IMPROVED IMPERVIOUS GRAVEL PORTIONS OF MAINTENANCE ACCESS ROAD (2 C-600)
- DENOTES IMPROVED IMPERVIOUS PAVED PORTIONS OF MAINTENANCE ACCESS ROAD (4 C-602)
- DENOTES FIXED KNOT FARM FENCE (3 C-600)
- DENOTES SOLAR PANEL TRACKER (SEE ELECTRICAL PLANS FOR DETAILS) (6 C-601)
- DENOTES MEDIUM VOLTAGE TRENCH (SEE ELECTRICAL PLANS FOR DETAILS) (10 C-601)
- DENOTES PROPOSED CONTOUR
- DENOTES PERMANENT OVERLAND FLOW DISPERSION DEVICE (5 C-601)
- DENOTES STORMWATER MANAGEMENT FACILITY NOTIFICATION SIGN (2 C-601)



NOTES:
 1. PROPOSED UTILITY AND CUSTOMER POLE LOCATIONS ARE SUBJECT TO UTILITY APPROVAL AND MAY CHANGE. CONTRACTOR SHALL VERIFY FINAL POLE LOCATIONS WITH THE OWNER PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.

SHEET C-302
 SHEET C-301

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WILSON HILL SOLAR
 469 Wilson Hill Road
 Hoosick Falls, NY 12090

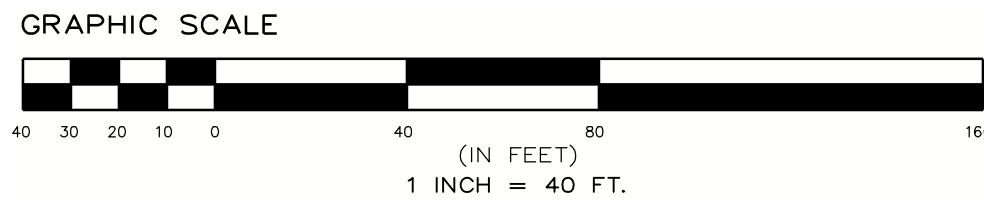
LAYOUT AND MATERIALS PLAN
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Dwg No: C-302 Size: D Sheet Rev: G

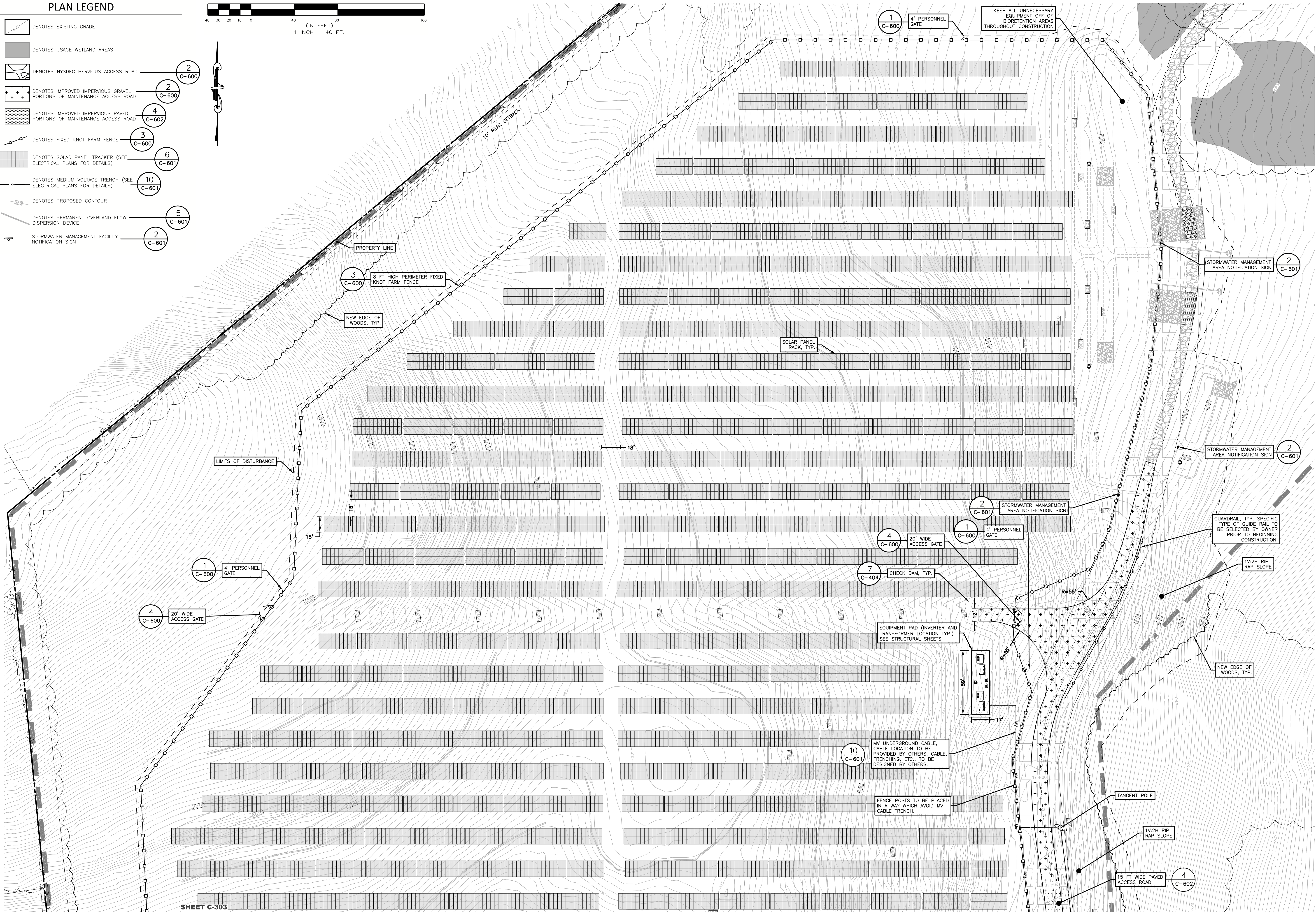
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- DENOTES EXISTING GRADE
- DENOTES USACE WETLAND AREAS
- DENOTES HYSDEC PERVIOUS ACCESS ROAD
- DENOTES IMPROVED IMPERVIOUS GRAVEL PORTIONS OF MAINTENANCE ACCESS ROAD
- DENOTES IMPROVED IMPERVIOUS PAVED PORTIONS OF MAINTENANCE ACCESS ROAD
- DENOTES FIXED KNOT FARM FENCE
- DENOTES SOLAR PANEL TRACKER (SEE ELECTRICAL PLANS FOR DETAILS)
- DENOTES MEDIUM VOLTAGE TRENCH (SEE ELECTRICAL PLANS FOR DETAILS)
- DENOTES PROPOSED CONTOUR
- DENOTES PERMANENT OVERLAND FLOW DISPERSION DEVICE
- STORMWATER MANAGEMENT FACILITY NOTIFICATION SIGN



H
G
F
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NOTES:

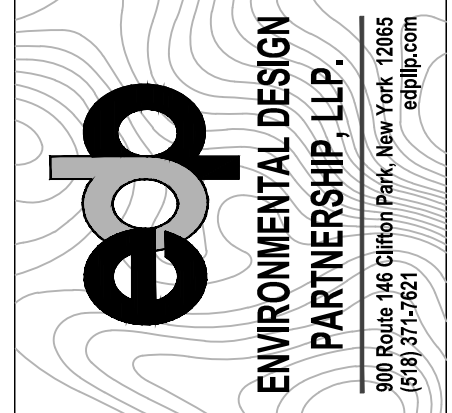
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SHEET C-303
SHEET C-302

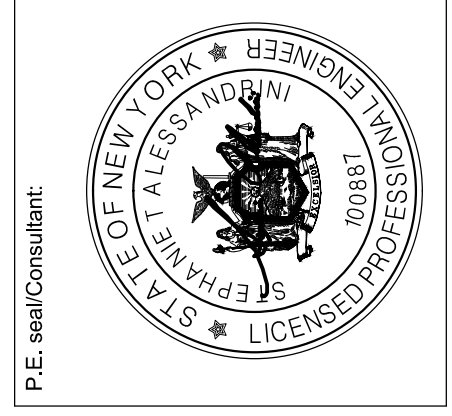
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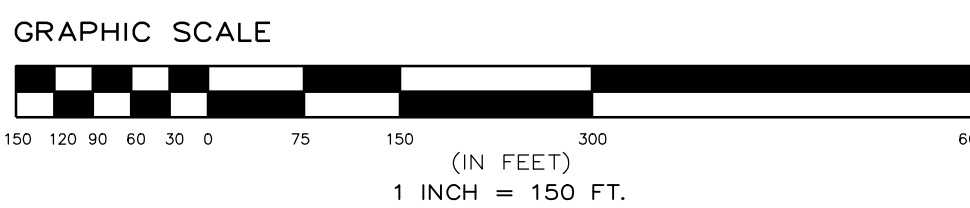
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Hoosick Falls, NY 12090

LAYOUT AND MATERIALS PLAN
NOT FOR CONSTRUCTION
Scale: As Shown Approved by: STA
Drawn by: BMW

Dwg No: C-303 Sheet Rev: G

EROSION, LAYOUT, AND MATERIALS PLAN LEGEND

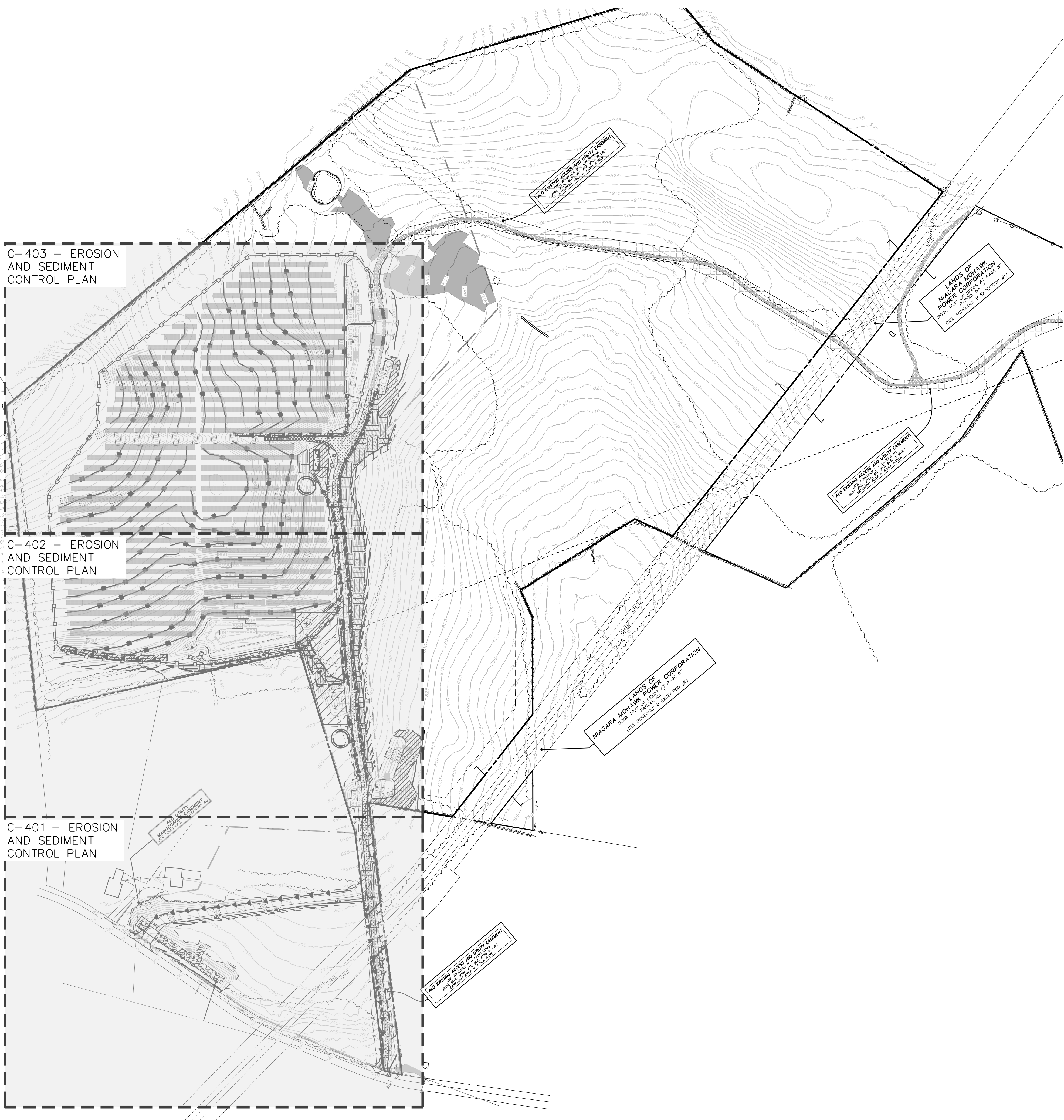
- DENOTES EXISTING GRADE
- DENOTES USACE WETLAND AREAS
- DENOTES TEMPORARY CONSTRUCTION ACCESS ROAD (2 C-600)
- DENOTES IMPROVED IMPERVIOUS GRAVEL PORTIONS OF MAINTENANCE ACCESS ROAD (2 C-600)
- DENOTES TURF REINFORCEMENT MATTING
- DENOTES TEMPORARY EROSION CONTROL BLANKET (2 C-404)
- DENOTES FIXED KNOT FARM FENCE (3 C-600)
- DENOTES SOLAR PANEL TRACKER (SEE ELECTRICAL PLANS FOR DETAILS) (6 C-601)
- DENOTES MEDIUM VOLTAGE TRENCH (SEE ELECTRICAL PLANS FOR DETAILS) (10 C-601)
- DENOTES PROPOSED CONTOUR
- DENOTES PERMANENT OVERLAND FLOW DISPERSION DEVICE (5 C-601)
- DENOTES PROPOSED 12" COMPOST FILTER SOCK (9 C-404)
- DENOTES SWALE WITH CHECK DAM (7 C-404)
- DENOTES STORMWATER MANAGEMENT FACILITY NOTIFICATION SIGN (2 C-601)
- DENOTES IMPROVED IMPERVIOUS PAVED PORTIONS OF MAINTENANCE ACCESS ROAD (9 C-404) (4 C-602)



C-403 - EROSION AND SEDIMENT CONTROL PLAN

C-402 - EROSION AND SEDIMENT CONTROL PLAN

C-401 - EROSION AND SEDIMENT CONTROL PLAN



- NOTES:**
- ALL AREAS TO BE REVEGETATED SHALL HAVE A MINIMUM OF FOUR INCHES OF TOPSOIL.
 - AREAS USED FOR PARKING DURING CONSTRUCTION SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITIONS INCLUDING, BUT NOT LIMITED TO, DECOMPACTION, REGRADING, LOAMING, AND SEEDING. IN NO CASE SHALL PARKING AREAS, LAYDOWN AREAS, CONSTRUCTION TRAILERS, AND PORTABLE TOILETS BE LOCATED WITHIN A WETLAND RESOURCE AREA AND/OR ANY BUFFER ZONES.
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P.E. seal/Consultant

WILSON HILL SOLAR

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Hoosick Falls, NY 12090

OVERALL EROSION AND SEDIMENT CONTROL PLAN

NOT FOR CONSTRUCTION

Scale: As Shown Approved by: STA

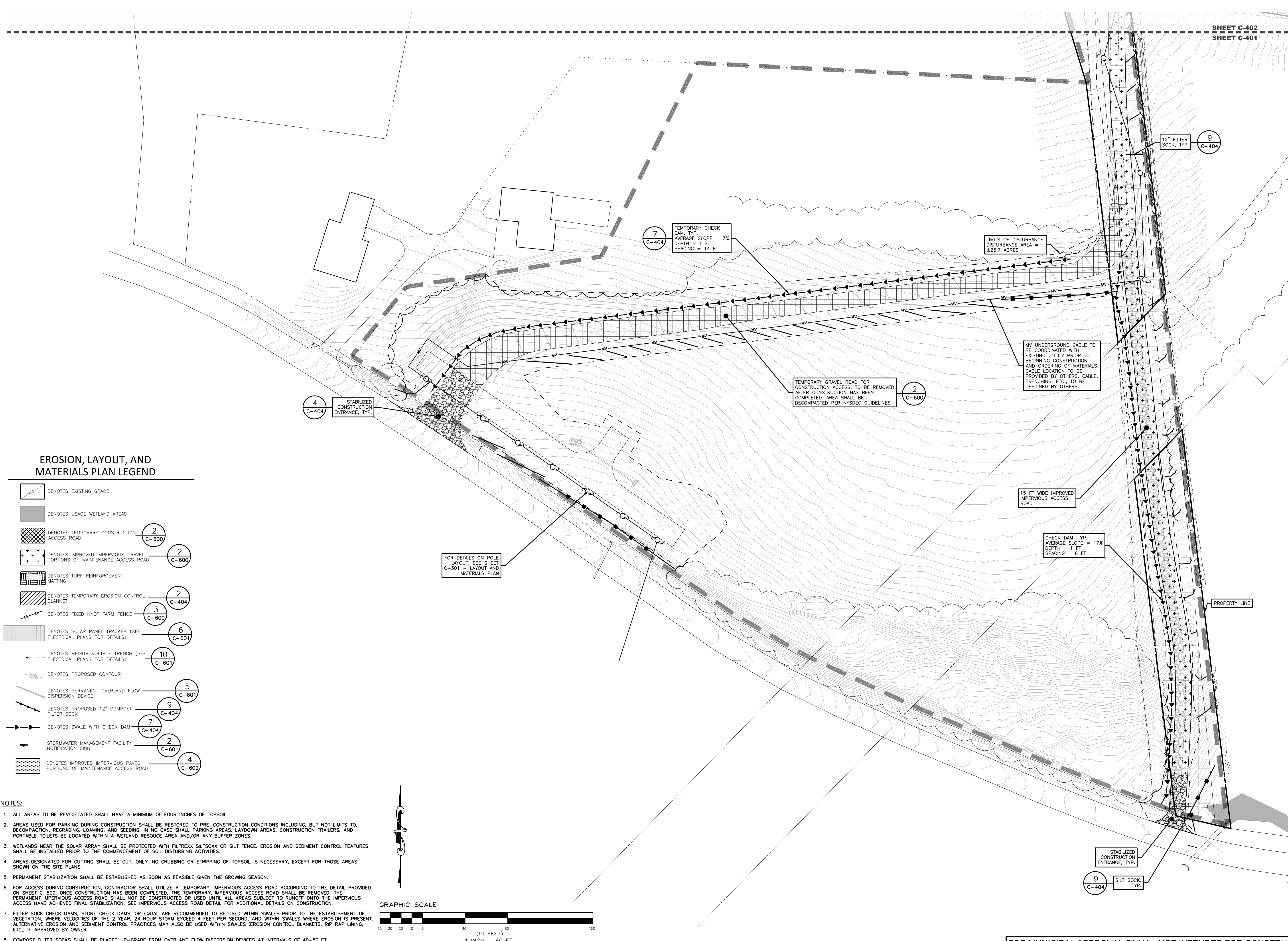
Drawn by: BMW

Dwg No: **C-400** Size: D Sheet Rev: **G**

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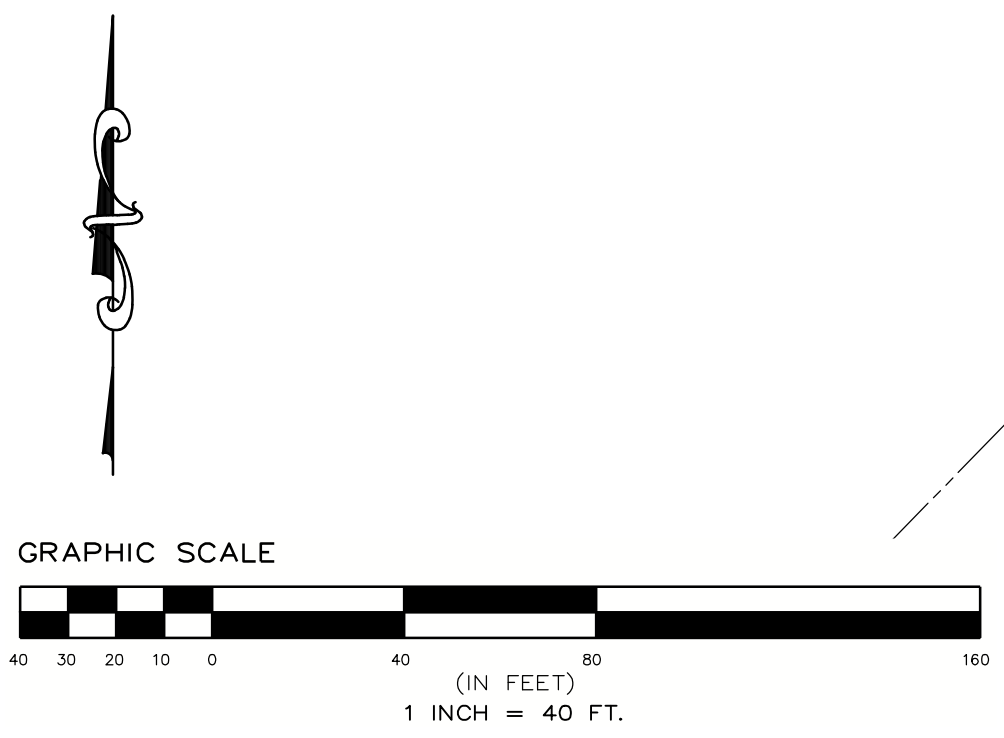
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EROSION, LAYOUT, AND MATERIALS PLAN LEGEND

- DENOTES EXISTING GRADE
- DENOTES USACE WETLAND AREAS
- DENOTES TEMPORARY CONSTRUCTION ACCESS ROAD (2 C-600)
- DENOTES IMPROVED IMPERVIOUS GRAVEL PORTIONS OF MAINTENANCE ACCESS ROAD (2 C-600)
- DENOTES TURF REINFORCEMENT MATTING
- DENOTES TEMPORARY EROSION CONTROL BLANKET (2 C-404)
- DENOTES FIXED KNOT FARM FENCE (3 C-600)
- DENOTES SOLAR PANEL TRACKER (SEE ELECTRICAL PLANS FOR DETAILS) (6 C-601)
- DENOTES MEDIUM VOLTAGE TRENCH (SEE ELECTRICAL PLANS FOR DETAILS) (10 C-601)
- DENOTES PROPOSED CONTOUR
- DENOTES PERMANENT OVERLAND FLOW DISPERSION DEVICE (5 C-601)
- DENOTES PROPOSED 12" COMPOST FILTER SOCK (9 C-404)
- DENOTES SWALE WITH CHECK DAM (7 C-404)
- DENOTES STORMWATER MANAGEMENT FACILITY NOTIFICATION SIGN (2 C-601)
- DENOTES IMPROVED IMPERVIOUS PAVED PORTIONS OF MAINTENANCE ACCESS ROAD (4 C-602)

- NOTES:**
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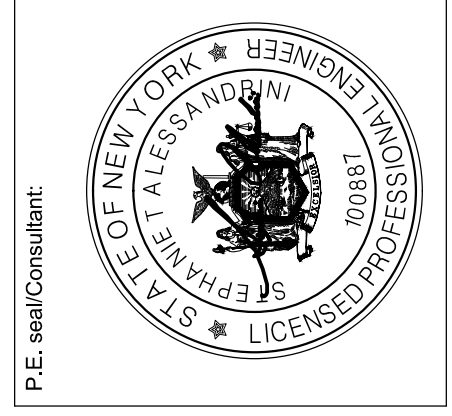


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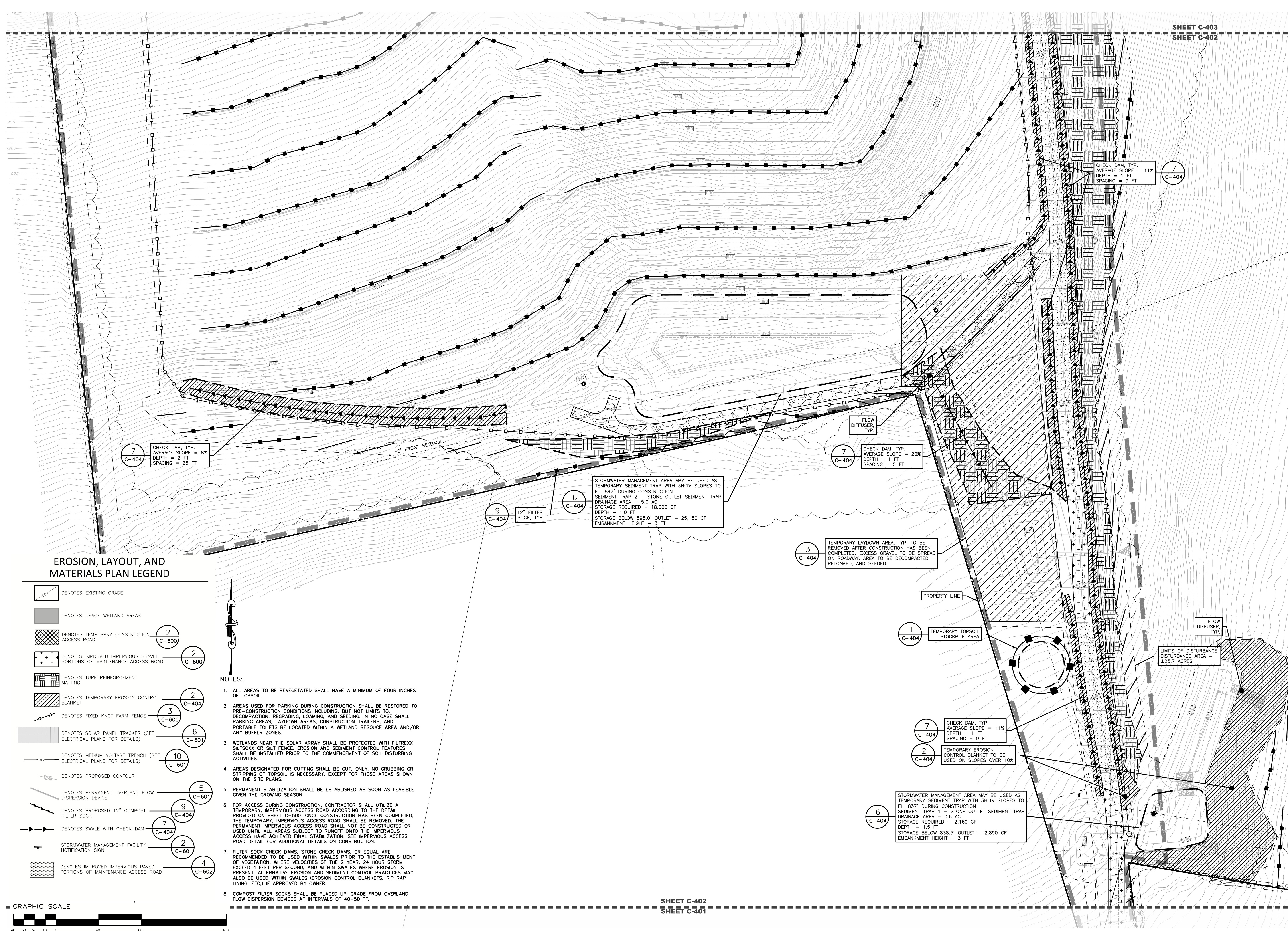
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Hoosick Falls, NY 12090

EROSION AND SEDIMENT CONTROL PLAN
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Scale: As Shown Approved by: STA
Drawn by: BMW

Dwg No: C-401 G
Size: D
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- DENOTES SWALE WITH CHECK DAM
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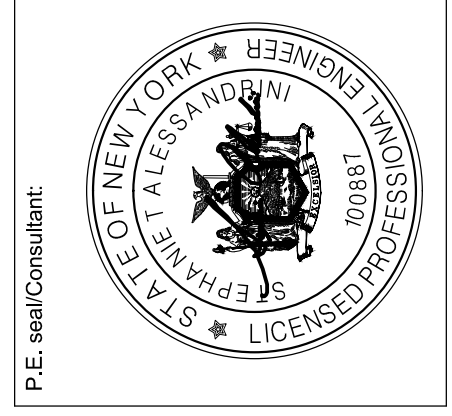
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SHEET C-403
SHEET C-402

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EROSION AND SEDIMENT CONTROL PLAN
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Scale: As Shown Approved by: STA
Drawn by: BMW

Dwg No: C-402 Sheet Rev: G

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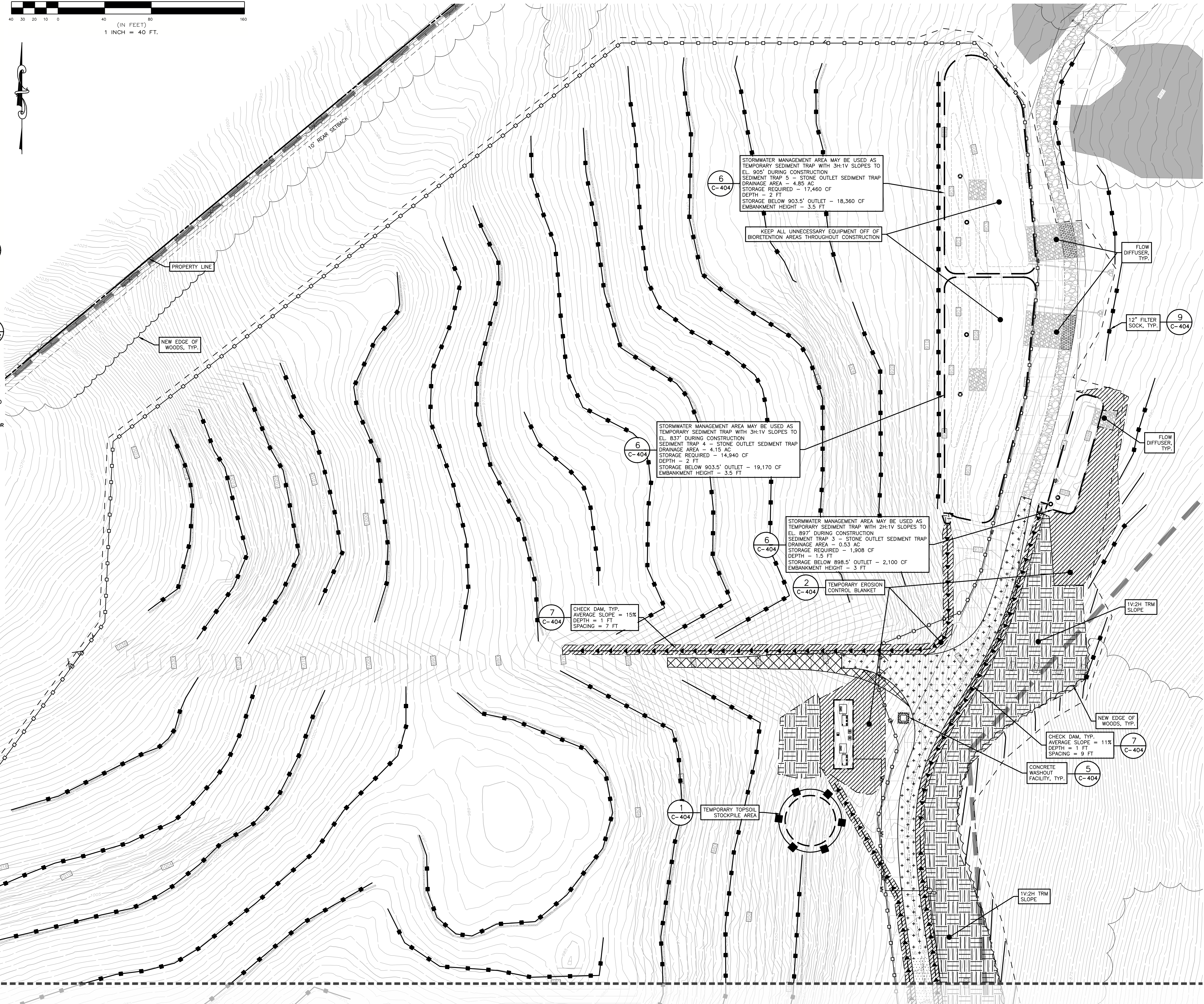
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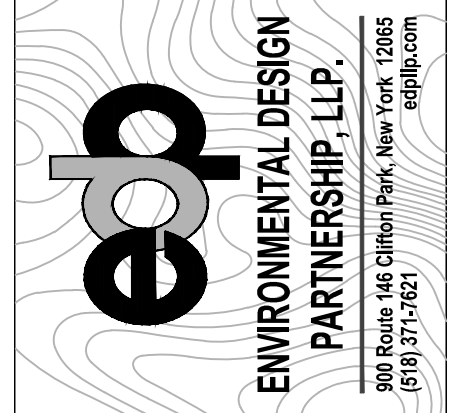
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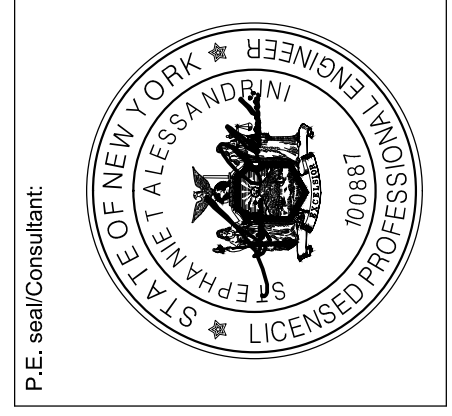
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EROSION AND SEDIMENT CONTROL PLAN

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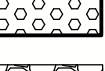

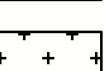
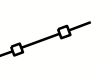




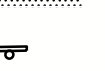



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Dwg No: **C-403** Sheet Rev: **G**

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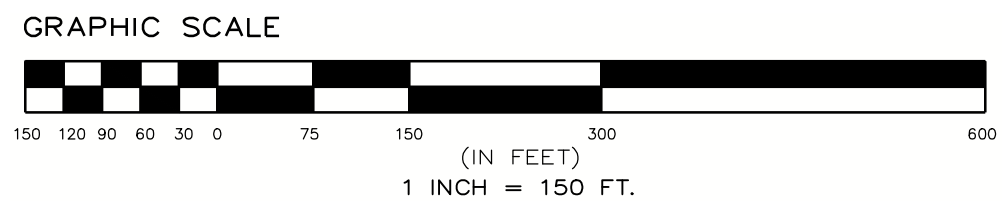
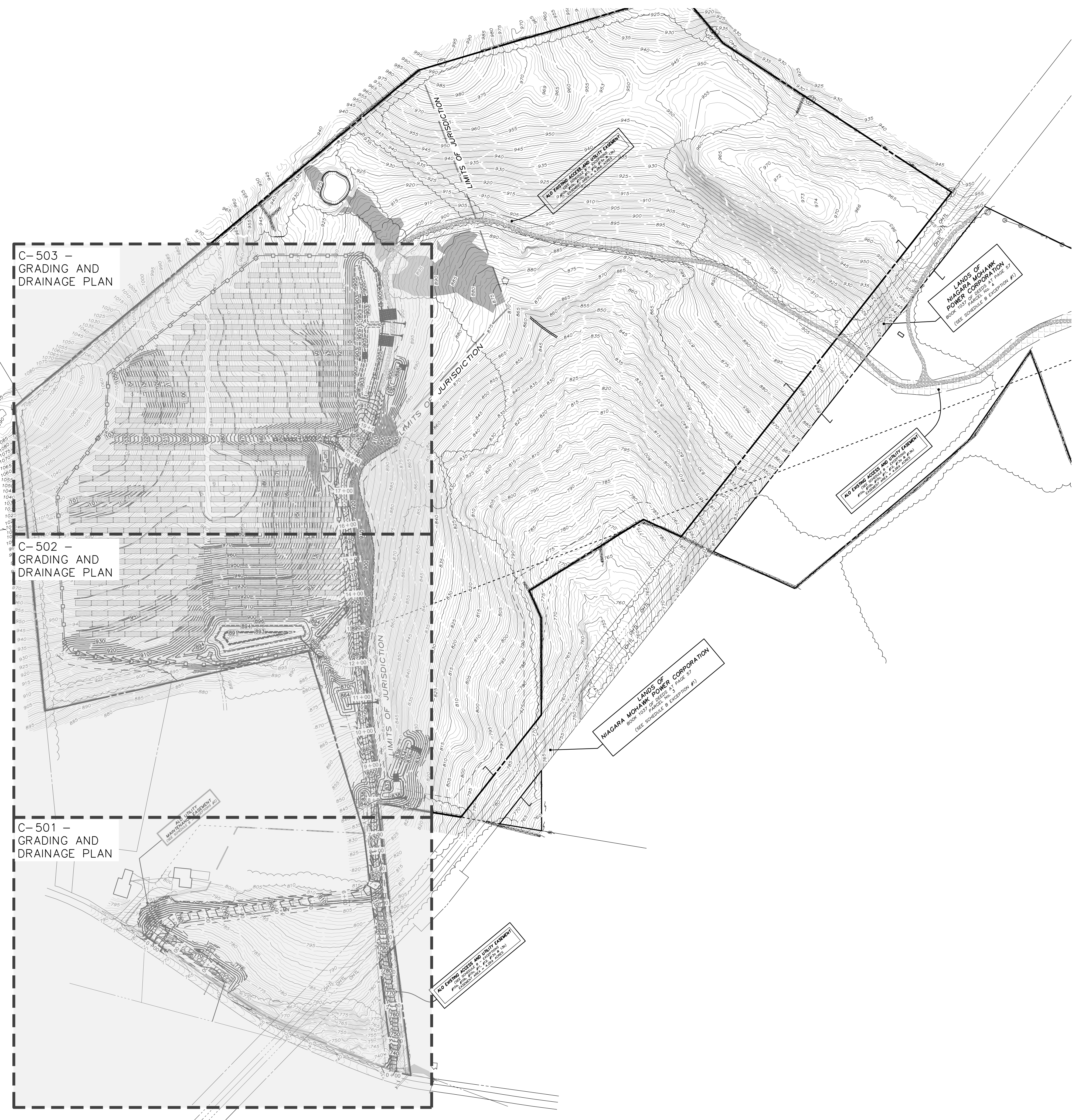
DRAINAGE AND GRADING PLAN LEGEND

-  DENOTES EXISTING GRADE
-  DENOTES USAGE WETLAND AREAS
-  DENOTES EMERGENCY OVERFLOW WEIR 4
C-601
-  PERVIOUS UTILITY ACCESS ROAD 5
C-602
-  DENOTES TEMPORARY IMPERVIOUS CONSTRUCTION ROAD 2
C-600
-  DENOTES IMPERVIOUS MAINTENANCE ACCESS ROAD 4
C-602
-  DENOTES FIXED KNOT FARM FENCE 3
C-600
-  DENOTES SOLAR PANEL TRACKER (SEE ELECTRICAL PLANS FOR DETAILS) 6
C-601
-  DENOTES MEDIUM VOLTAGE TRENCH (SEE ELECTRICAL PLANS FOR DETAILS) 5
C-601
-  DENOTES PROPOSED CONTOUR
-  DENOTES PERMANENT OVERLAND FLOW DISPERSION DEVICE 5
C-601
-  DENOTES PROPOSED 12" COMPOST FILTER SOCK 9
C-404
-  DENOTES IMPROVED IMPERVIOUS PAVED PORTIONS OF MAINTENANCE ACCESS ROAD 4
C-602
-  STORMWATER MANAGEMENT FACILITY NOTIFICATION SIGN 2
C-601

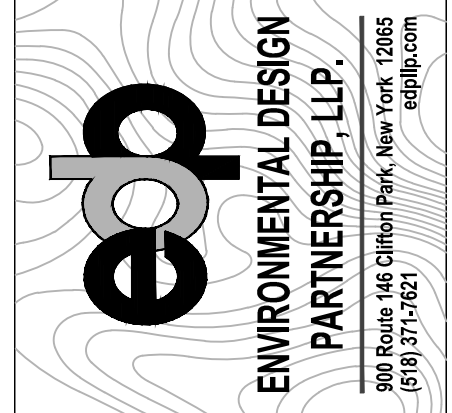
C-503 - GRADING AND DRAINAGE PLAN

C-502 - GRADING AND DRAINAGE PLAN

C-501 - GRADING AND DRAINAGE PLAN

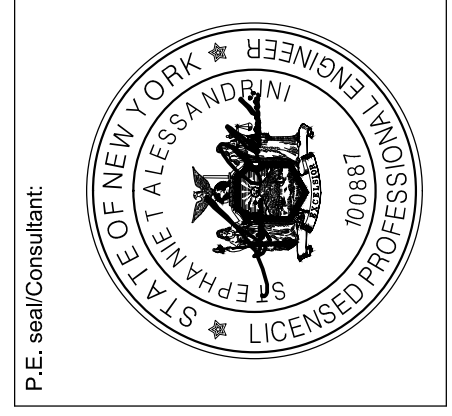



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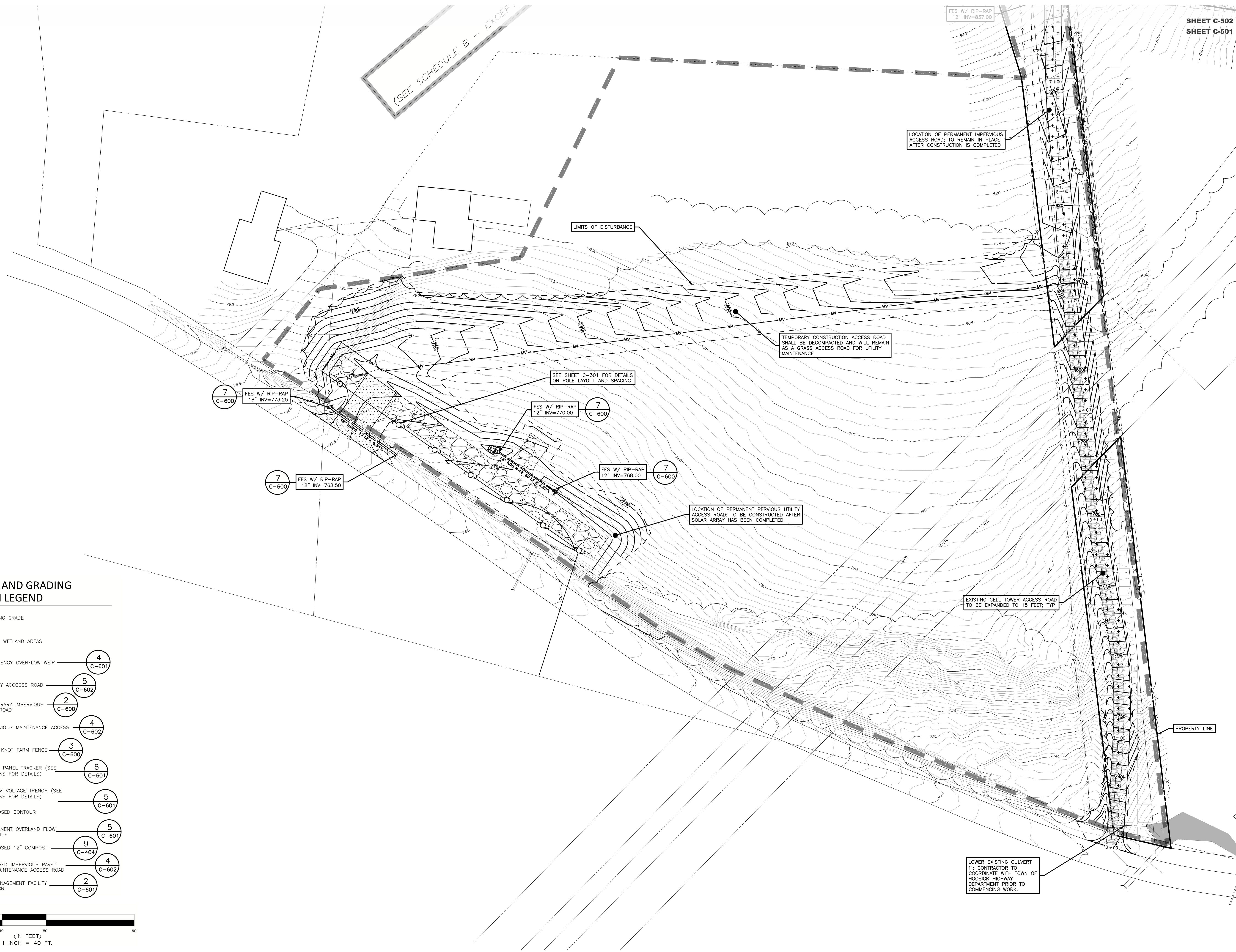
OVERALL GRADING AND DRAINAGE PLAN
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Drawn by: BMW

Dwg No: C-500 Size: D Sheet Rev: G

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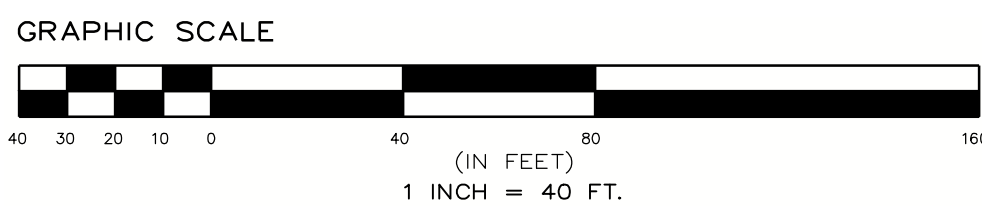
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SHEET C-502
SHEET C-501

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Hoosick Falls, NY 12090

GRADING AND DRAINAGE PLAN

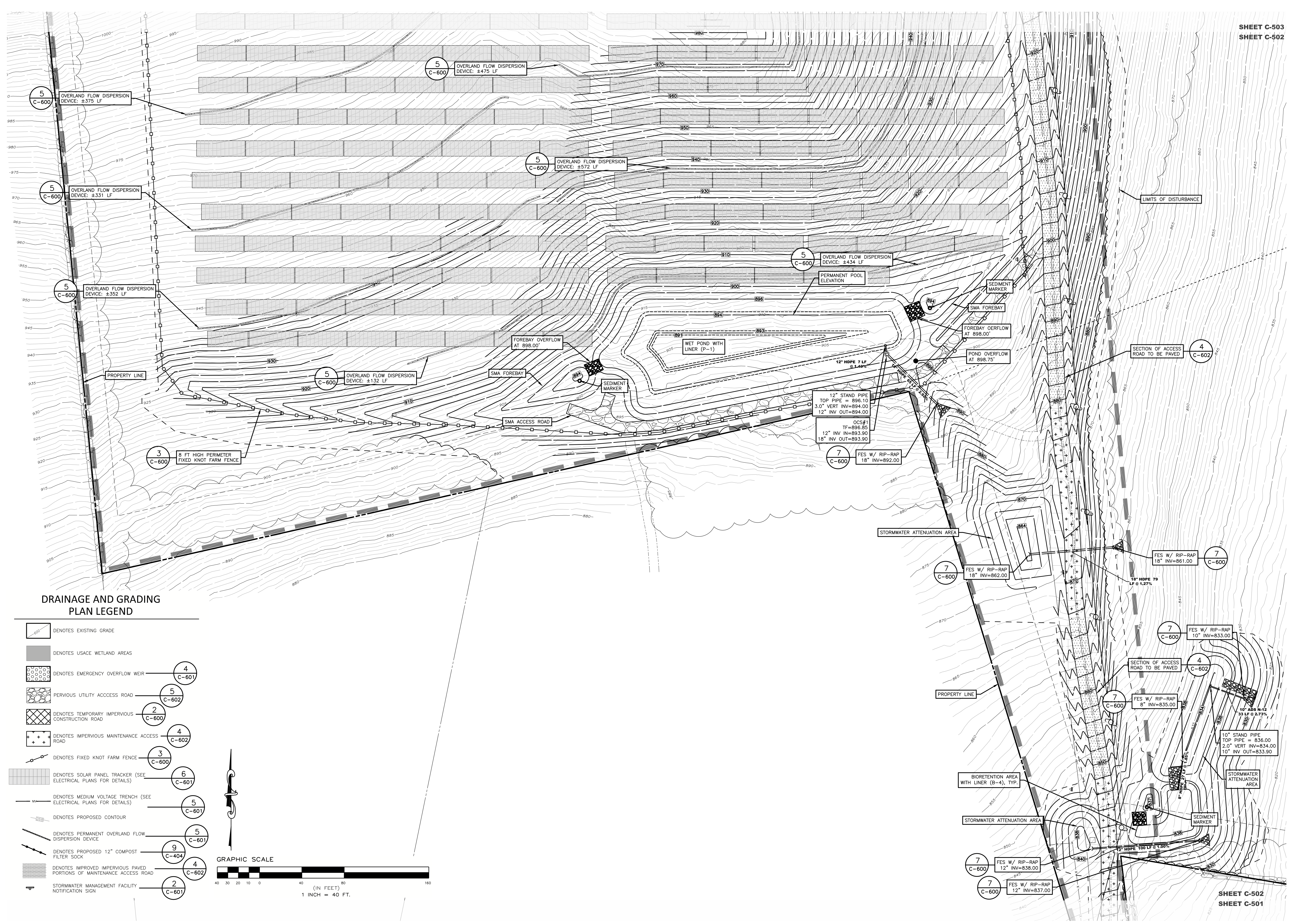
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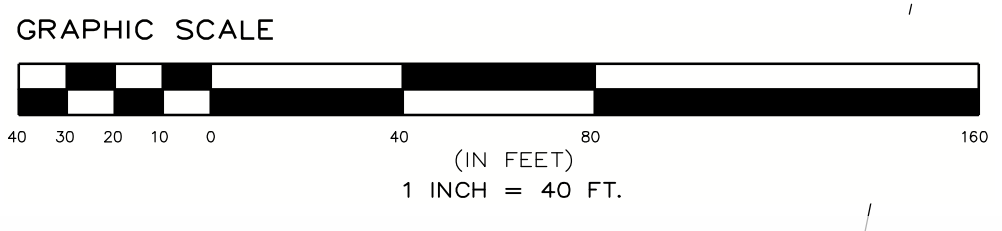
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SHEET C-503
SHEET C-502

DRAINAGE AND GRADING PLAN LEGEND

- DENOTES EXISTING GRADE
- DENOTES USACE WETLAND AREAS
- DENOTES EMERGENCY OVERFLOW WEIR (4 C-601)
- PERVIOUS UTILITY ACCESS ROAD (5 C-602)
- DENOTES TEMPORARY IMPERVIOUS CONSTRUCTION ROAD (2 C-600)
- DENOTES IMPERVIOUS MAINTENANCE ACCESS ROAD (4 C-602)
- DENOTES FIXED KNOT FARM FENCE (3 C-600)
- DENOTES SOLAR PANEL TRACKER (SEE ELECTRICAL PLANS FOR DETAILS) (6 C-601)
- DENOTES MEDIUM VOLTAGE TRENCH (SEE ELECTRICAL PLANS FOR DETAILS) (5 C-601)
- DENOTES PROPOSED CONTOUR
- DENOTES PERMANENT OVERLAND FLOW DISPERSION DEVICE (5 C-601)
- DENOTES PROPOSED 12" COMPOST FILTER SOCK (9 C-404)
- DENOTES IMPROVED IMPERVIOUS PAVED PORTIONS OF MAINTENANCE ACCESS ROAD (4 C-602)
- STORMWATER MANAGEMENT FACILITY NOTIFICATION SIGN (2 C-601)



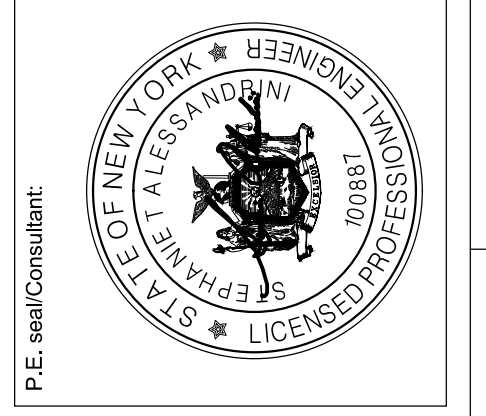
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Rev	Issued For	Date
A	PRELIM PLAN SET	5/22/2023
B	INTERNAL COMMENTS	8/18/2023
C	INTERNAL COMMENTS	9/15/2023
D	ACCESS ROAD REVISIONS	10/27/2023
E	ACCESS ROAD REVISIONS	11/17/2023
F	INTERNAL REVISIONS	11/30/2023
G	REVISIONS PER TDE COMMENTS	1/29/2024



WILSON HILL SOLAR

469 Wilson Hill Road
Hoosick Falls, NY 12090

GRADING AND DRAINAGE PLAN

NOT FOR CONSTRUCTION

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Drawn by: BMW

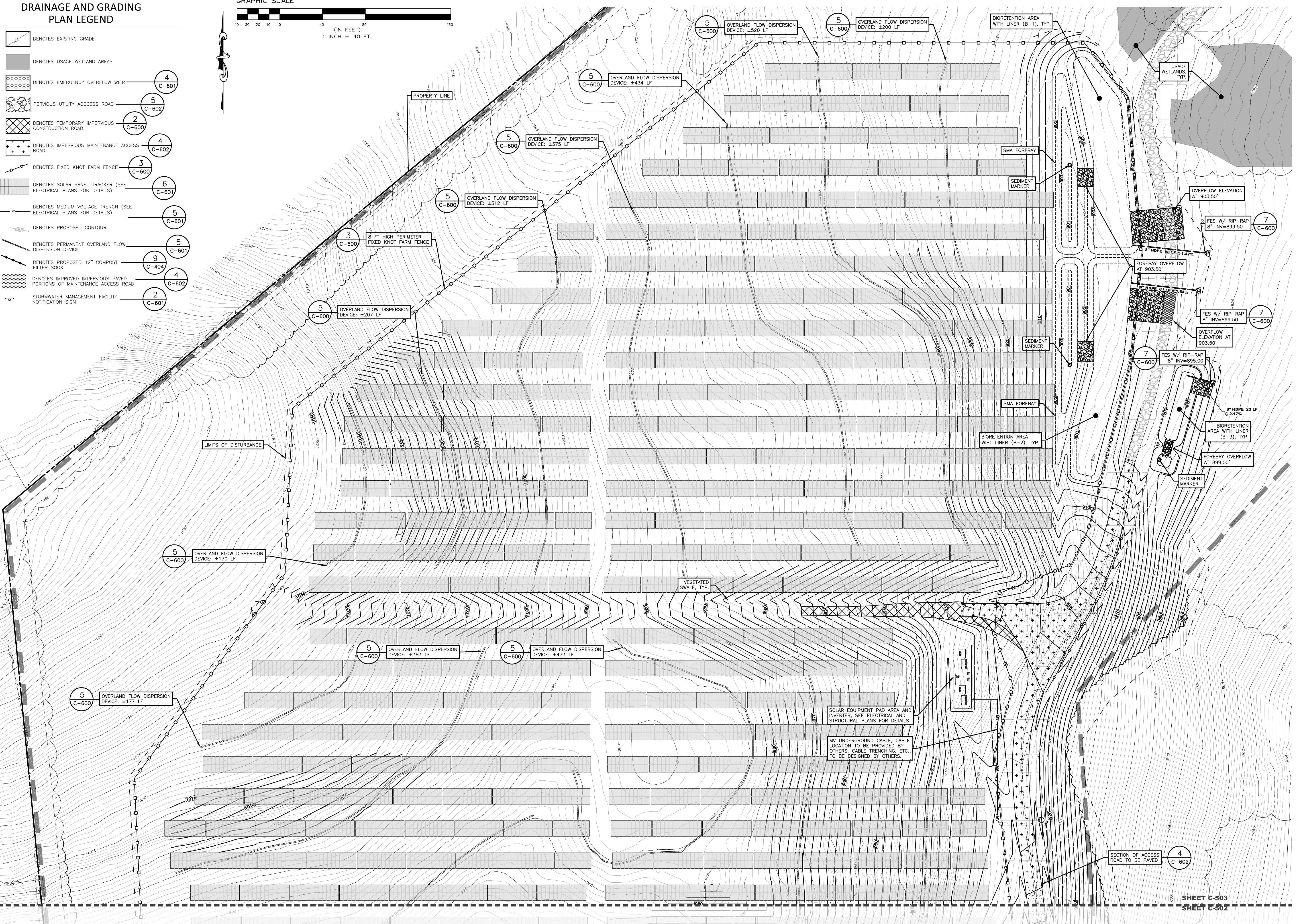
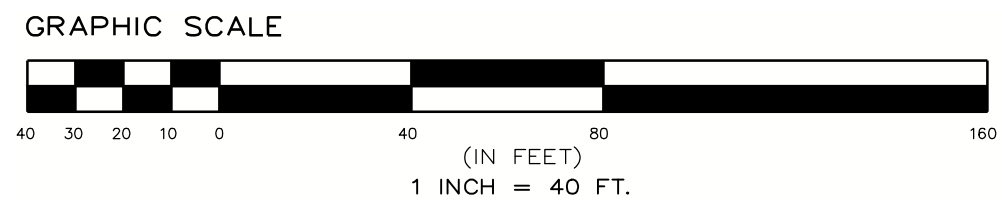
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DRAINAGE AND GRADING PLAN LEGEND

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- DENOTES USACE WETLAND AREAS
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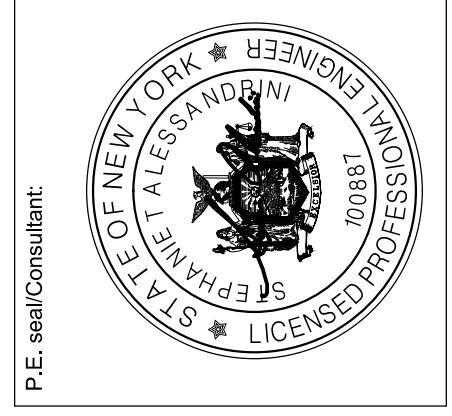
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WILSON HILL SOLAR

469 Wilson Hill Road
Hoosick Falls, NY 12090

GRADING AND DRAINAGE PLAN

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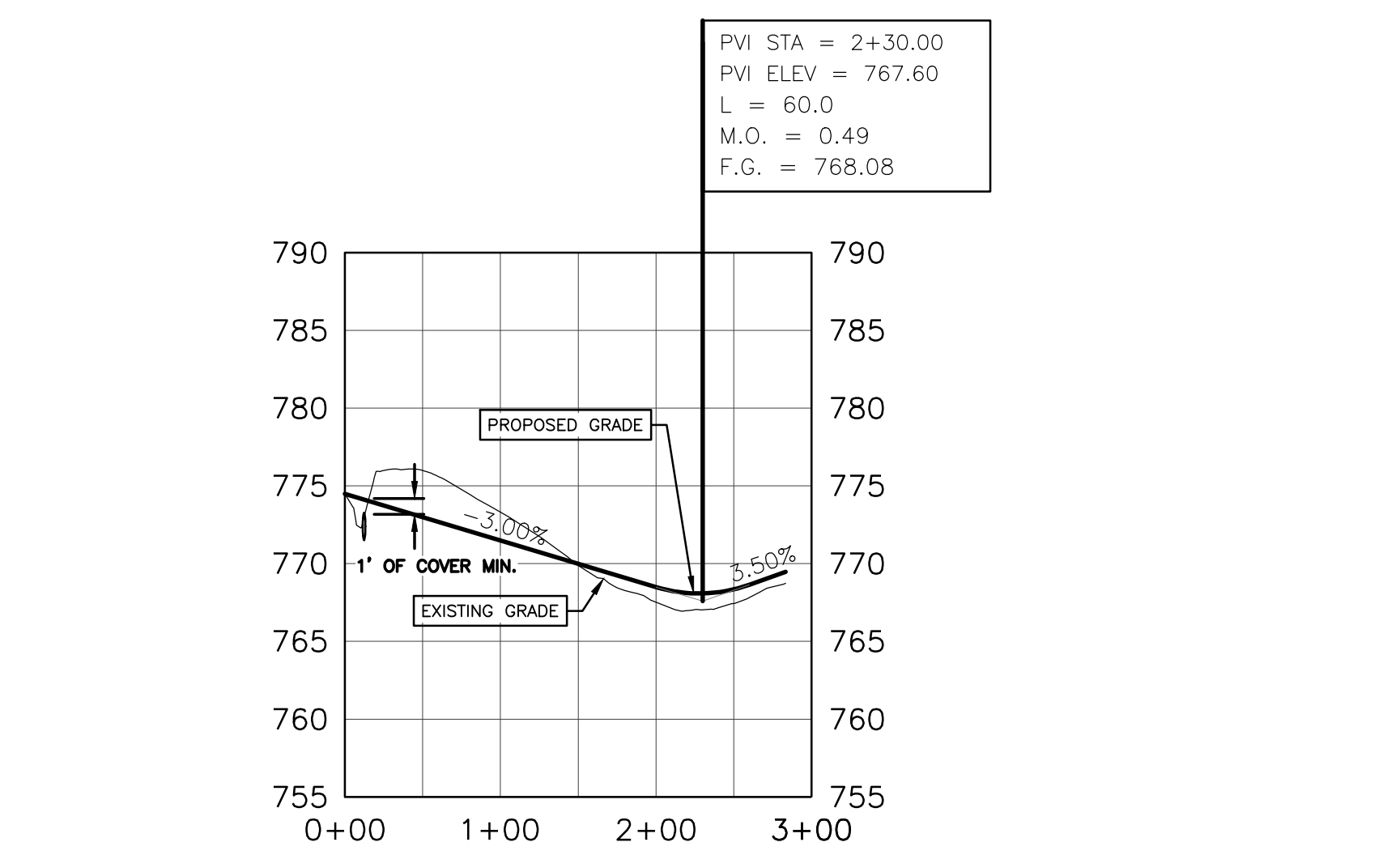
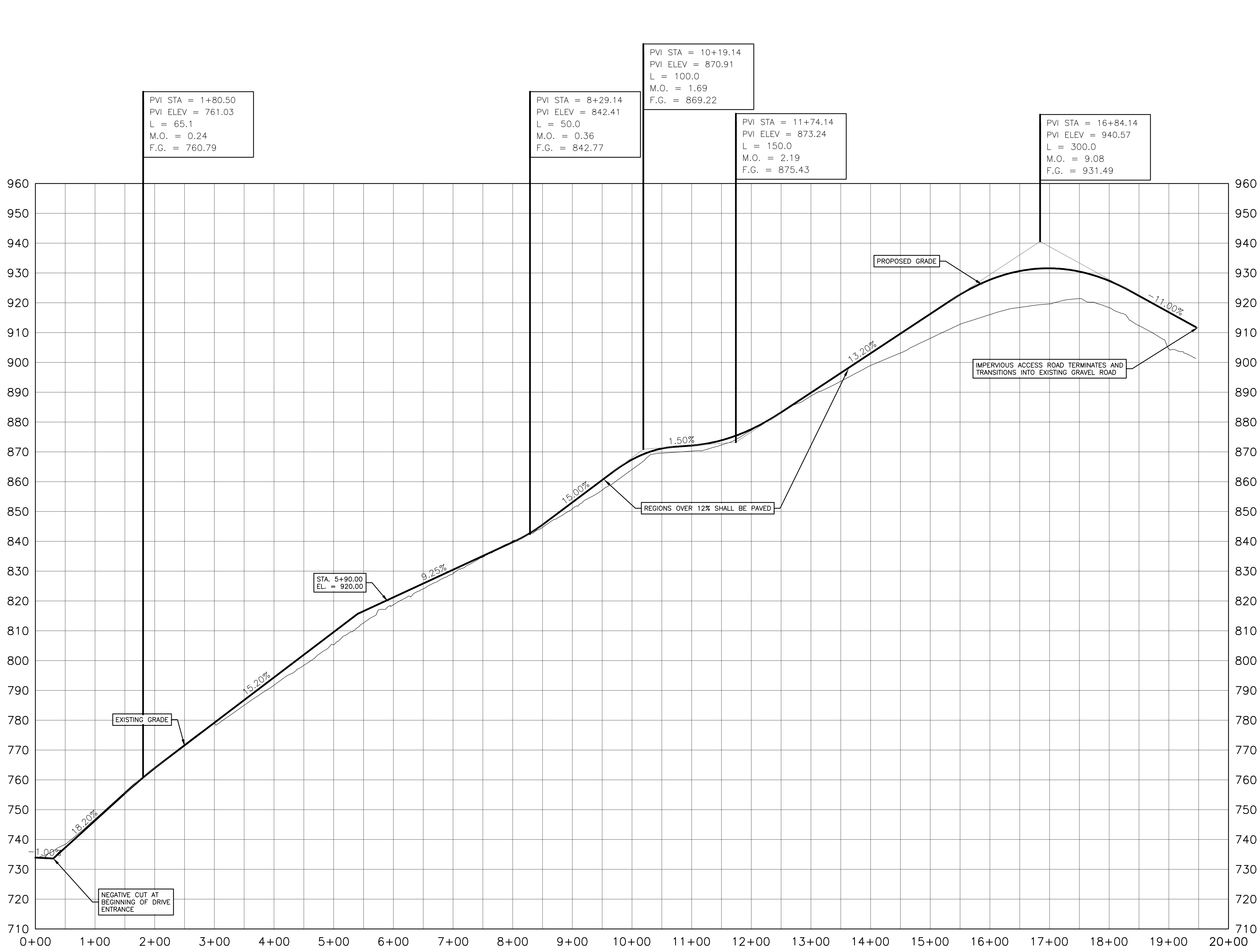
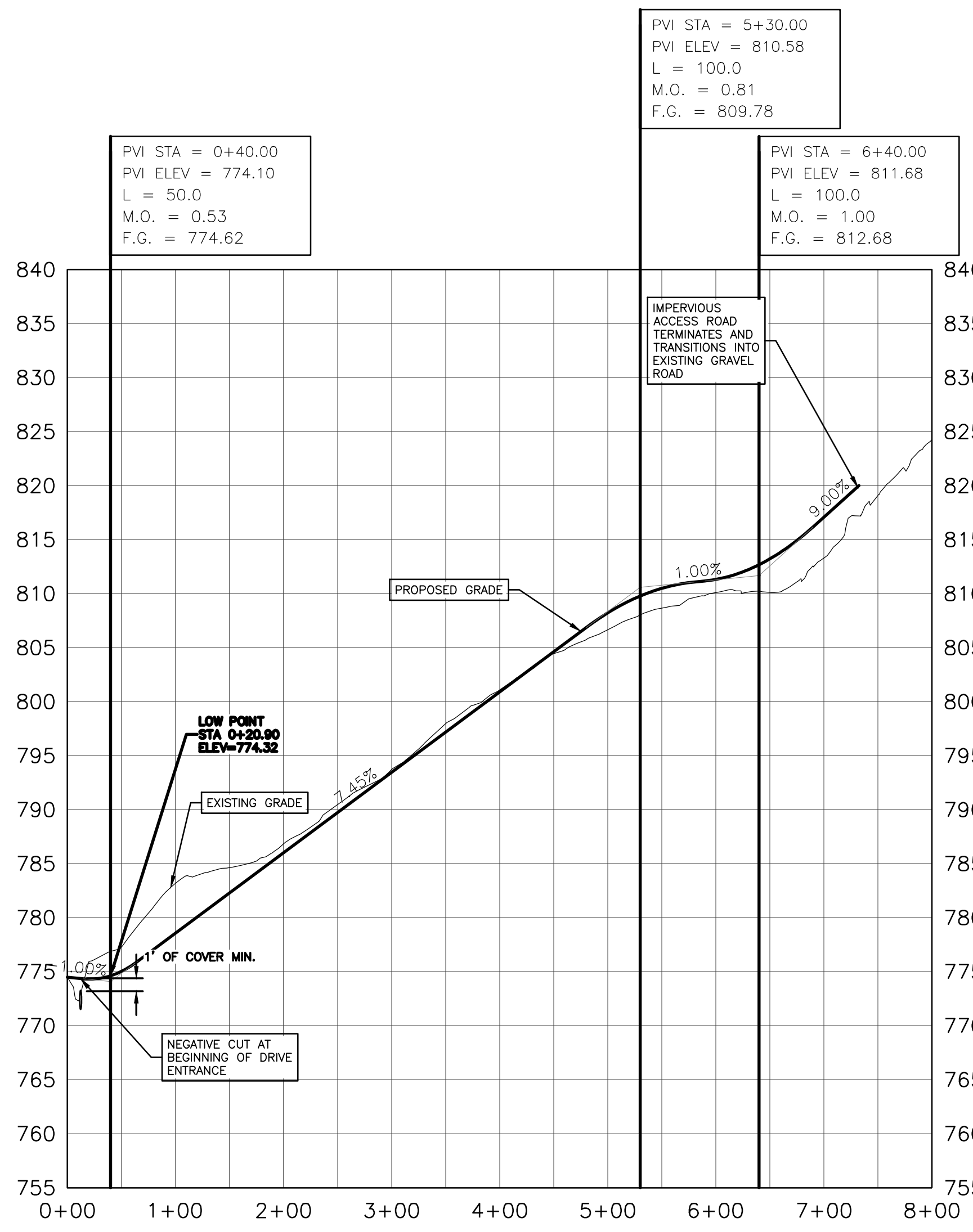
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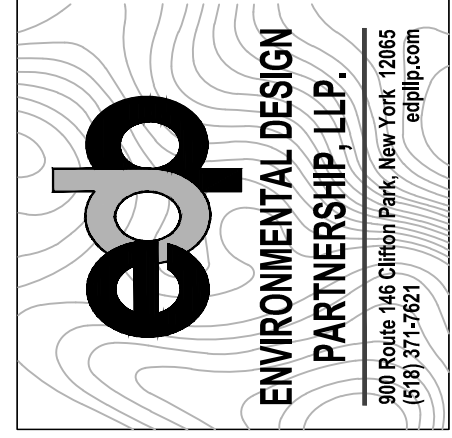
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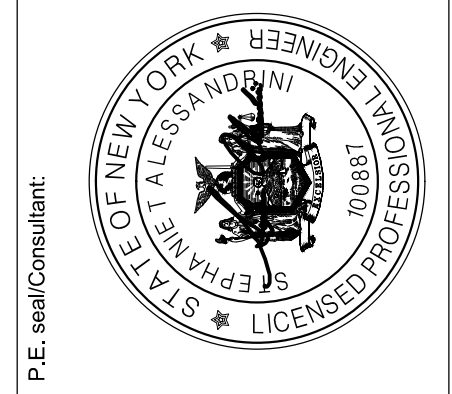
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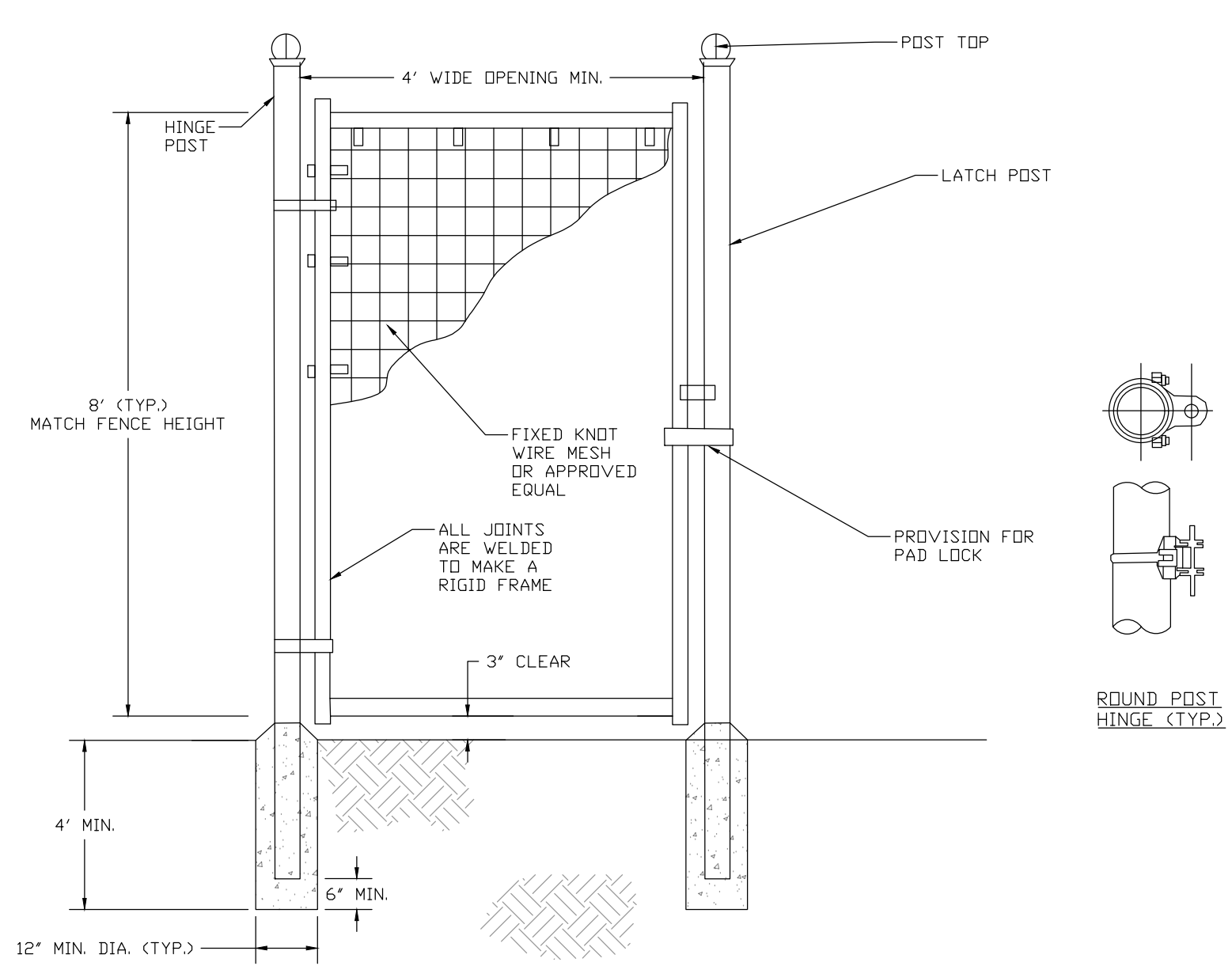


WILSON HILL SOLAR
 469 Wilson Hill Road
 Hoosick Falls, NY 12090

ACCESS ROAD PROFILES
 NOT FOR CONSTRUCTION
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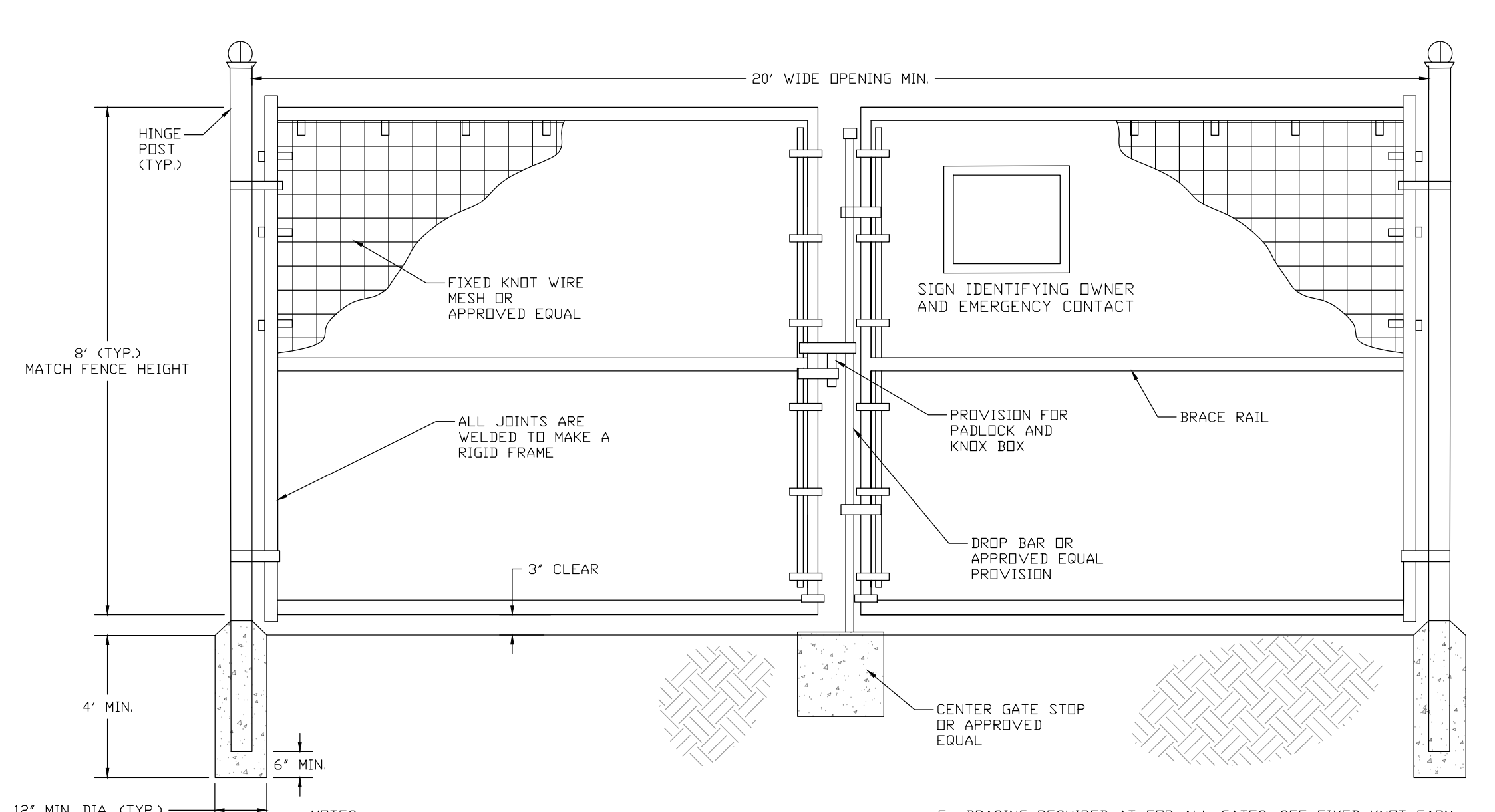
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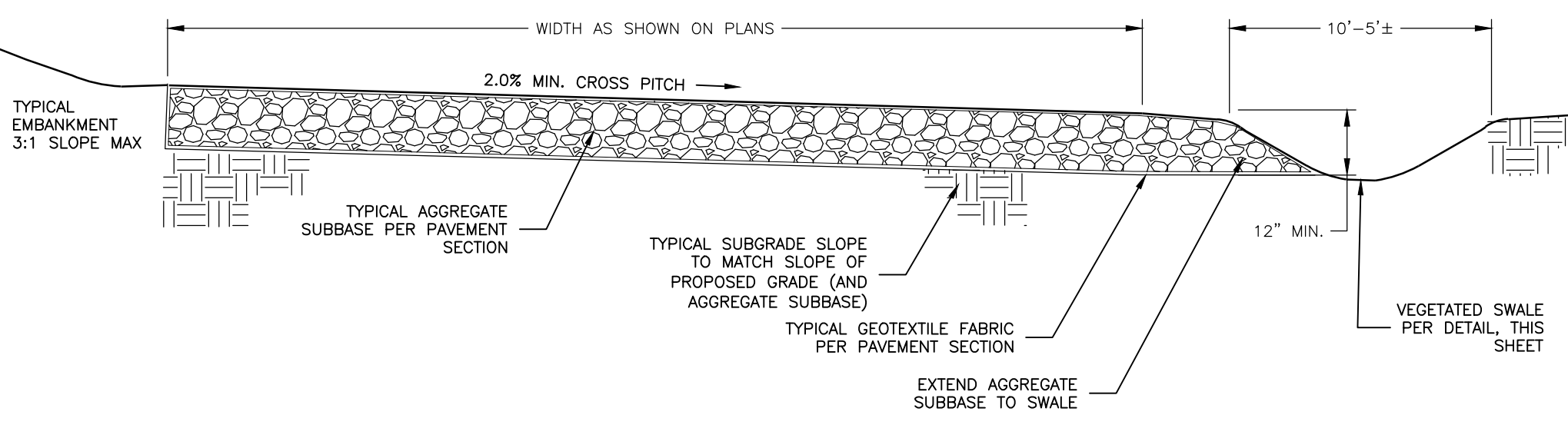
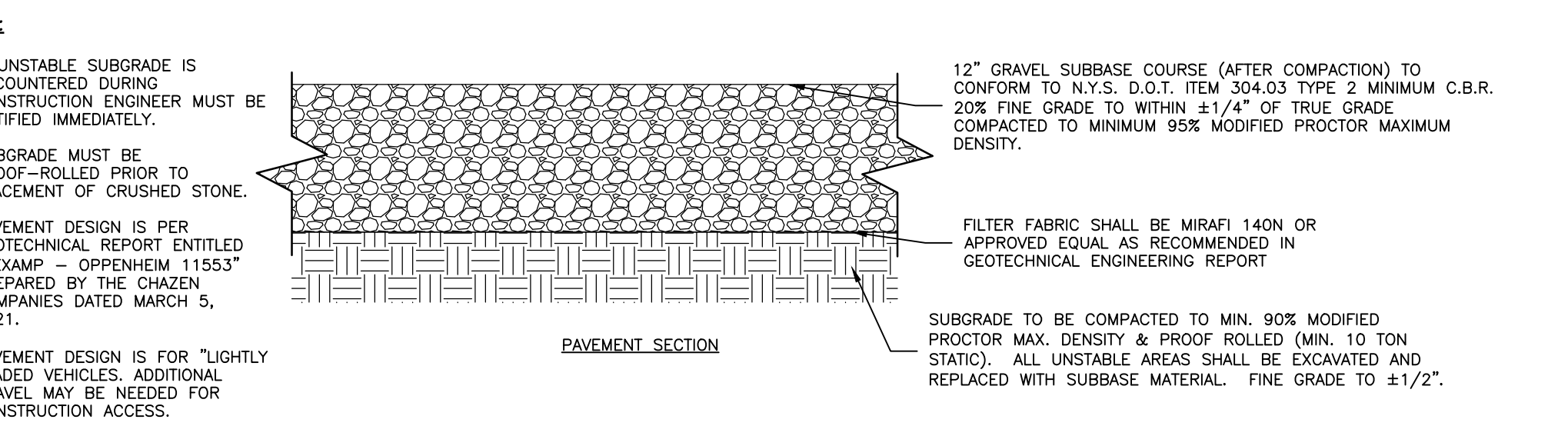
- NOTES:**
- INSTALL ALL FENCING COMPONENTS PER MANUFACTURER'S SPECIFICATIONS.
 - ALL FENCING AND HARDWARE SHALL BE GALVANIZED, UNLESS OTHERWISE NOTED.
 - HINGE POSTS MAY BE TIMBER IF CONTRACTOR DESIRES. TIMBER HINGE POSTS DO NOT NEED TO BE SET IN CONCRETE. UTILIZE HINGE THRU BOLTS TO CONNECT TO TIMBER HINGE POSTS OR LAG SCREWS, PER MANUFACTURER'S RECOMMENDATIONS.
 - IF CONTRACTOR UTILIZES METAL HINGE POST THAN POSTS SHALL BE SET IN CONCRETE AS SHOWN ON DETAIL.
 - BRACING REQUIRED AT FOR ALL GATES. SEE FIXED KNOT FARM FENCE DETAIL.
 - FIXED KNOT WIRE MESH TO BE BEKAERT SOLIDLOCK[®] PRO, 12.5 GAUGE, CLASS 3 GALVANIZED, 6" VERTICAL SPACING OR APPROVED EQUAL.
 - BRACE RAILS AND/ OR TRUSS RODS ARE NOT SHOWN, MAY BE REQUIRED PER MANUFACTURER'S RECOMMENDATIONS.

1 FIXED KNOT FARM FENCE - PERSONNEL GATE
C-600 NOT TO SCALE



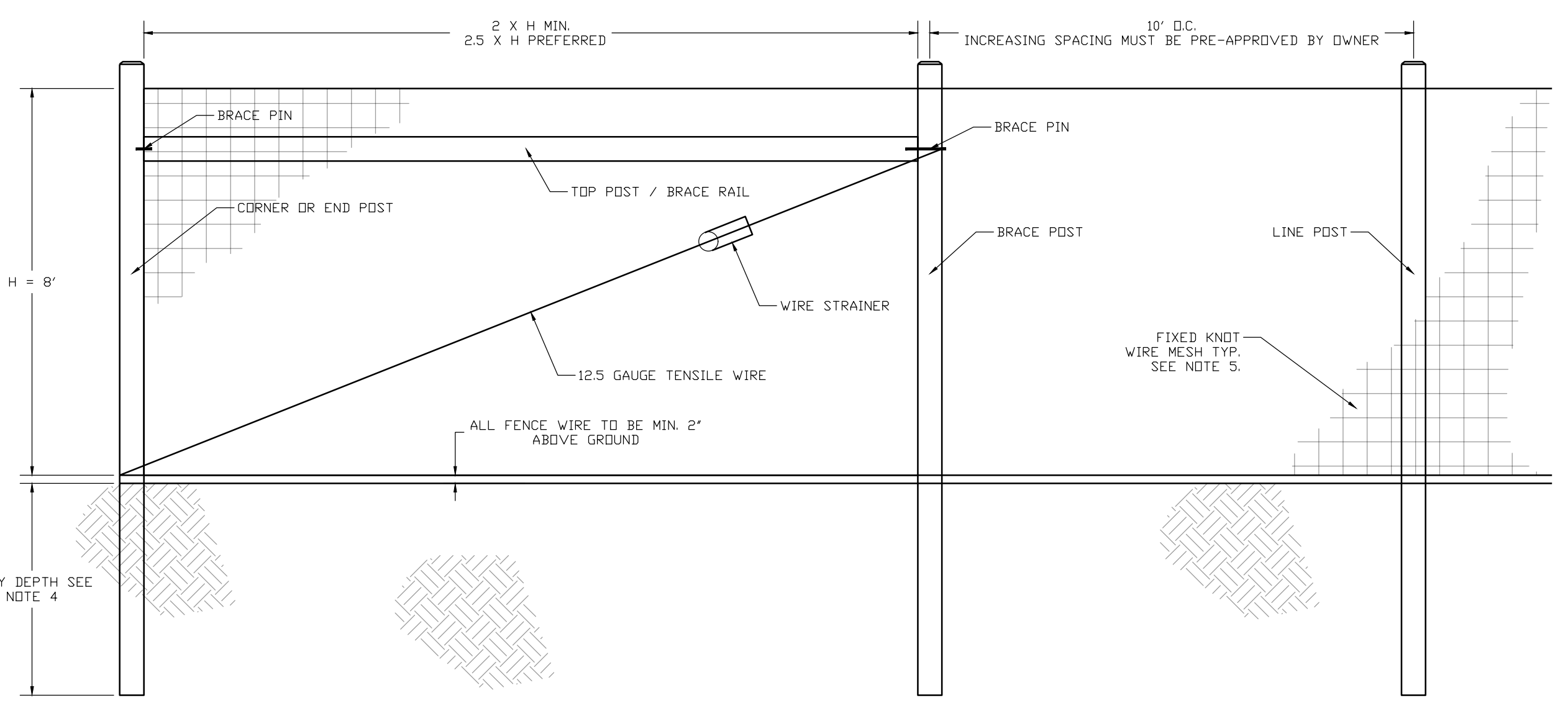
- NOTES:**
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 - ALL FENCING AND HARDWARE SHALL BE GALVANIZED, UNLESS OTHERWISE NOTED.
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 - IF CONTRACTOR UTILIZES METAL HINGE POST THAN POSTS SHALL BE SET IN CONCRETE AS SHOWN ON DETAIL.
 - BRACING REQUIRED AT FOR ALL GATES. SEE FIXED KNOT FARM FENCE DETAIL.
 - FIXED KNOT WIRE MESH TO BE BEKAERT SOLIDLOCK[®] PRO, 12.5 GAUGE, CLASS 3 GALVANIZED, 6" VERTICAL SPACING OR APPROVED EQUAL.
 - BRACE RAIL SHOWN FOR REFERENCE. ADDITIONAL BRACE RAILS MAY BE REQUIRED (NOT SHOWN) OR TRUSS RODS MAY BE REQUIRED PER MANUFACTURER'S RECOMMENDATIONS.

4 FIXED KNOT FARM FENCE - DOUBLE GATE
C-600 NOT TO SCALE

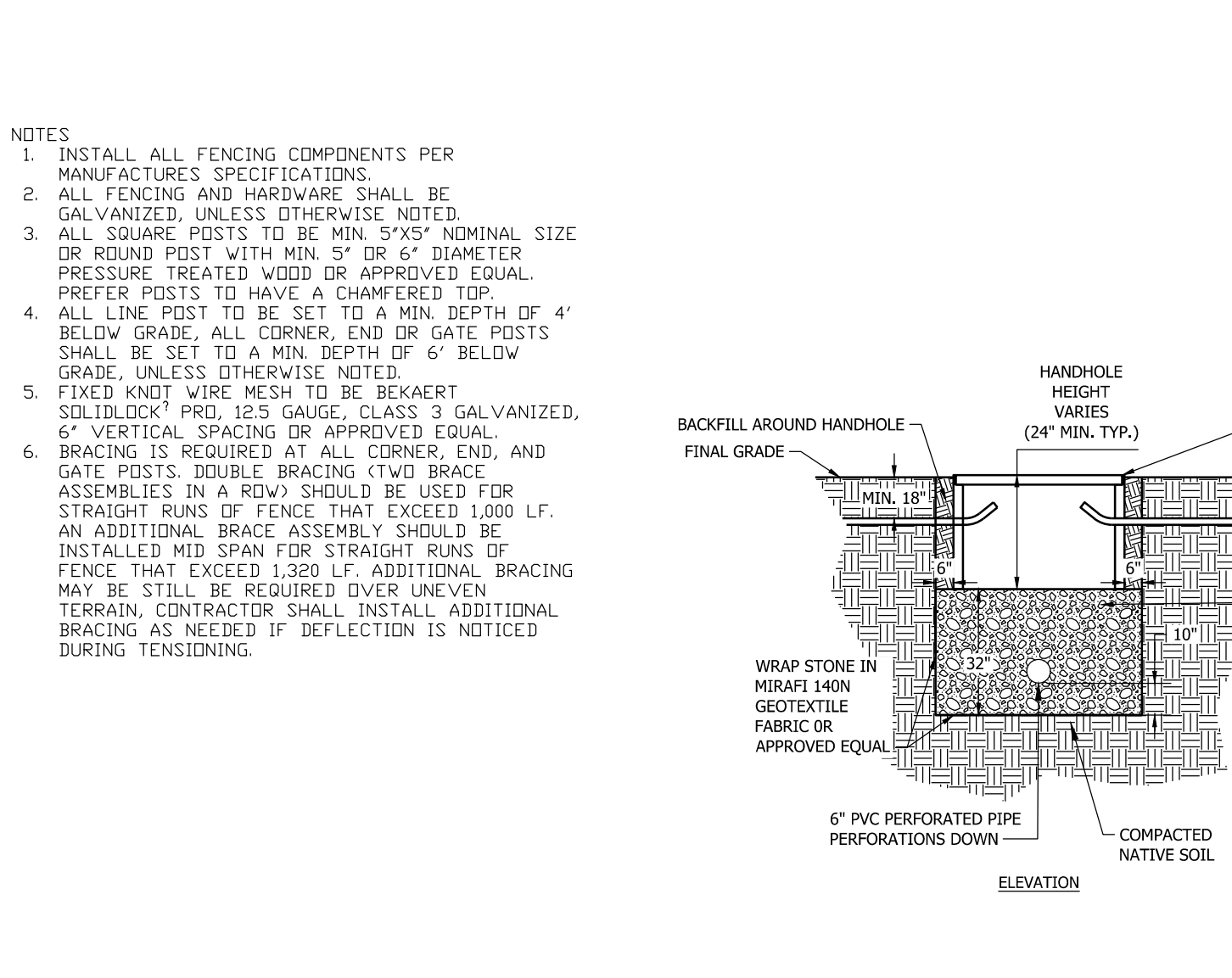


2 GRAVEL ACCESS DRIVE SECTION
C-600 NOT TO SCALE

5 VEGETATED SWALE
C-600 NOT TO SCALE



3 FIXED KNOT FARM FENCE
C-600 NOT TO SCALE



6 DRAINAGE HANDHOLE
C-600 NOT TO SCALE

GENERAL NOTES:

THE ENVIRONMENTAL DESIGN PARTNERSHIP IS NOT RESPONSIBLE FOR ANY CONSTRUCTION WORK PERFORMED PRIOR TO FINAL APPROVAL OF ALL PLANS AND SECURING OF ALL PERMITS AND FILING OF ALL MAPS.

CONTRACTOR TO ARRANGE A PRECONSTRUCTION CONFERENCE WITH THE ENVIRONMENTAL DESIGN PARTNERSHIP AND MUNICIPALITY PRIOR TO CONSTRUCTION.

FIELD ADJUSTMENTS MUST BE APPROVED BY THE ENVIRONMENTAL DESIGN PARTNERSHIP AND THE MUNICIPALITY'S ENGINEER PRIOR TO CONSTRUCTION.

CONTRACTOR IS TO VERIFY THAT ALL NECESSARY WORK PERMITS AND EASEMENTS ARE IN PLACE PRIOR TO COMMENCEMENT OF WORK.

THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS AND TAKE ALL SPECIAL TEMPORARY AND PERMANENT PRECAUTIONS NECESSARY TO ENSURE A STABLE AND SECURE JOB.

THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY TOWN, COUNTY OR STATE HIGHWAY CUT PERMITS.

THE CONTRACTOR SHALL SECURE ALL NECESSARY PERMITS AND EASEMENTS PRIOR TO CONSTRUCTION AND BECOME FAMILIAR WITH THE CONDITIONS OF EACH PERMIT.

THE CONTRACTOR SHALL PROTECT AND SUSTAIN IN NORMAL SERVICE ALL EXISTING UTILITIES, STRUCTURES, EQUIPMENT, ROADWAYS, AND DRIVEWAYS.

THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES AND RIGHT-OF-WAY PROPERTY LINES PRIOR TO CONSTRUCTION.

THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES SUCH AS GAS, POWER, TELEPHONE, CABLE TV, WATER, SEWER, ETC. PRIOR TO COMMENCEMENT OF CONSTRUCTION.

AS PER NYS INDUSTRIAL CODE 53: CONTRACTOR TO CALL DIG SAFELY NEW YORK, INC. AT 1-800-962-7862 TO LOCATE BURIED CABLES AND/OR UNDERGROUND UTILITIES NO LESS THAN TWO OR MORE THAN TEN WORKING DAYS PRIOR TO DIGGING, DRILLING, EXCAVATING, DRIVING POSTS, ETC.

CONTRACTOR MUST VERIFY THE ACCEPTABILITY OF ALL CONSTRUCTION MATERIALS WITH MUNICIPALITY'S ENGINEER PRIOR TO ORDERING.

INSTALLATION AND MATERIAL SPECIFICATIONS FOR STORM SEWER SHALL CONFORM TO THE MUNICIPALITY'S STANDARD DETAILS AND REQUIREMENTS. INSTALLATION PROCEDURES AND MATERIALS MUST BE VERIFIED WITH MUNICIPALITY PRIOR TO CONSTRUCTION.

ANY EXISTING STORM SEWERS AND UNDERGROUND UTILITIES ARE SHOWN IN THEIR RELATIVE POSITION AND FOR INFORMATION ONLY. THE CONTRACTOR SHALL HAVE THEIR EXACT LOCATION CHECKED AT THE SITE BEFORE CONSTRUCTION BEGINS.

CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING PIPE INVERT ELEVATIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION. ANY DISCREPANCIES WHICH RESULT MUST BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, GRADES, PIPE INVERTS AND ELEVATIONS AND REVIEW WITH CONSULTANT BEFORE CONSTRUCTION.

ALL EXCAVATION TO MEET OSHA AND NYS DOT SAFETY REGULATIONS AND STANDARDS.

THE CONTRACTOR SHALL FILL IN, AND RE-EXCAVATE, AS NECESSARY TO RESUME WORK. ANY EXCAVATIONS OR TRENCHES AT LOCATIONS AND AS OFTEN AS MAY BE REQUIRED TO ENSURE PROTECTION OF THE WORK, ANY ADJACENT EXISTING FACILITIES, OR THE PUBLIC.

THE CONTRACTOR SHALL CLEAN UP THE JOB SITE DAILY BEFORE LEAVING THE JOBSITE. ALL RUBBISH MUST BE CLEANED UP AND CONSTRUCTION EQUIPMENT MUST BE PROPERLY TAKEN CARE OF AND STORED AT THE END OF THE DAY.

CONTRACTOR IS RESPONSIBLE FOR TRAFFIC CONTROL AND SAFETY DURING CONSTRUCTION. THE CONTRACTOR SHALL FURNISH ALL FLAGMEN AND SIGNS, DELINEATORS, BARRIERS, AND DEVICES NECESSARY FOR TRAFFIC CONTROL DURING ANY EARTH-MOVING OPERATION OR OTHER CONSTRUCTION ACTIVITY WHICH INVOLVES PUBLIC HIGHWAYS.

ALL TRAFFIC SIGNS, CONTROL DEVICES AND INFORMATIONAL ITEMS, IF DISTURBED DURING CONSTRUCTION WITHIN CONTRACT LIMIT LINES, SHALL BE RELOCATED AS PER APPROVAL OF MUNICIPALITY.

RESTORATION OF PAVEMENT IS THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL REPLACE AND RESTORE PAVEMENT WITH MATERIAL TO A CONDITION EQUAL TO OR BETTER THAN PRECONSTRUCTION CONDITIONS. ALL DELINEATORS, BARRIERS, AND DEVICES NECESSARY FOR TRAFFIC CONTROL DURING CONSTRUCTION SHALL BE REPLACED AND RESTORED TO ORIGINAL CONDITION.

CONTRACTOR SHALL RESTORE ALL LAWNS, DRIVEWAYS, WALKS, WALLS, CURBS, FENCES, ETC. TO A CONDITIONS AT LEAST AS GOOD AS THEY WERE BEFORE BEING DISTURBED.

CONTRACTOR SHALL RESTORE ALL TREES AND HOUSE ALL SHRUBS AND HEDGES BEFORE PLACING EARTH AGAINST OR NEAR THEM. SHRUBS AND HEDGES THAT MUST BE REMOVED DURING CONSTRUCTION SHALL BE HEALED OR REPLANTED IN AS GOOD A CONDITION AS THEY WERE BEFORE THEIR REMOVAL. ANY DAMAGED ITEMS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

POSTS, MAILBOXES, ETC. SHALL BE PROTECTED, OR REMOVED AND REPLACED EXACTLY AS THEY WERE BEFORE BEING DISTURBED. DAMAGED ITEMS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

IT MAY BE NECESSARY TO TIE OR HOLD BACK UTILITY POLES DURING CONSTRUCTION. THIS SHOULD BE ACCOMPLISHED IN COOPERATION WITH UTILITY COMPANIES.

NO WORK, STORAGE OR TRESPASS SHALL BE PERMITTED BEYOND THE BOUNDARIES OF ANY EASEMENTS OR R.O.W. AS SHOWN.

CONTRACTOR TO COMPLY WITH ALL OSHA AND OTHER STATE AND LOCAL SAFETY REQUIREMENTS DURING CONSTRUCTION (PROPER SHORING, ETC.).

ALL SITE WORK SHALL BE SMOOTHLY AND EVENLY BLENDED INTO EXISTING CONDITIONS. WHERE ACCESS OR WORK OUTSIDE OF PROPERTY BOUNDARY IS NECESSARY, THE PERMISSION OF ADJOINING PROPERTY OWNER MUST FIRST BE OBTAINED.

ALL AREAS OF THE SITE WHICH ARE DISTURBED AND NOT PAVED SHALL BE TOPSOILED AND SEEDDED.

THE INFORMATION REPRESENTED WITHIN THESE DOCUMENTS DOES NOT IMPLY ANY CONTRACT WITH OR OBLIGATION FOR, PERFORMING ANY OR ALL TOWN, COUNTY, OR STATE REQUIRED INSPECTIONS DURING THE COURSE OF CONSTRUCTION OR PURSUANT TO OBTAINING CERTIFICATE OF OCCUPANCY. SUCH INSPECTION SERVICES, IF PERFORMED BY THIS OFFICE, SHALL BE ESTABLISHED BY SEPARATE CONTRACT.

IN THE EVENT THAT THE CONSTRUCTION TAKEOUT AND INSPECTION OF THE WORK IS NOT PERFORMED BY THE ENVIRONMENTAL DESIGN PARTNERSHIP (EDP), EDP WILL NOT BE HELD RESPONSIBLE FOR ANY ERRORS, OMISSIONS, COSTS, EXPENSES OR LIABILITY OF WHATEVER KIND AND NATURE RESULTING FROM FIELD CHANGES AND/OR ERRORS WHICH EDP WOULD OTHERWISE HAVE HAD AN OPPORTUNITY TO CHECK AND CORRECT WERE THEY IN A POSITION TO CONTROL THE PROJECT THROUGH TAKEOUT AND INSPECTION.

CLAIMS MADE AGAINST CONSULTANT FOR SURVEY TAKEOUT ERRORS WILL BE HONORED ONLY IF CONSULTANT IS NOTIFIED FOR VERIFICATION OF THE ERROR IMMEDIATELY UPON DISCOVERY AND BEFORE ANY CONTROL STAKES ARE DISTURBED. IF, AFTER VERIFICATION, IT IS DETERMINED THAT NO TAKEOUT ERROR OCCURRED, THE CLIENT SHALL REIMBURSE THE CONSULTANT FOR ADDITIONAL EXPENSES INCURRED FOR SUCH VERIFICATION.

ALL ERRORS, OMISSIONS AND DISCREPANCIES MUST BE BROUGHT TO THE ATTENTION OF THE ENVIRONMENTAL DESIGN PARTNERSHIP IMMEDIATELY UPON DISCOVERY. OTHERWISE, THE ENVIRONMENTAL DESIGN PARTNERSHIP WILL ACCEPT NO RESPONSIBILITY.

INSPECTION SERVICES BY THE ENVIRONMENTAL DESIGN PARTNERSHIP ARE NOT GUARANTEED. ACCORDINGLY, THE ENVIRONMENTAL DESIGN PARTNERSHIP CAN NEITHER GUARANTEE THE PERFORMANCE OF THE CONSTRUCTION CONTRACTS BY CONTRACTORS NOR ASSUME RESPONSIBILITY FOR THE CONTRACTOR'S FAILURE TO FURNISH AND PERFORM WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

SOLAR PANEL, EQUIPMENT PAD, AND MV UNDERGROUND CABLE LAYOUT WERE PROVIDED BY OTHERS.

SOLAR PANEL, EQUIPMENT PAD, AND MV UNDERGROUND CABLE DESIGN, INCLUDING BUT NOT LIMITED TO, SUBGRADE SUITABILITY, PREPARATION, REQUIRED TRENCHING, AND BEDDING TO BE DESIGNED BY OTHERS.

DRAINAGE HANDHOLE DETAIL AND LOCATIONS PROVIDED BY OTHERS. CONTRACTOR TO COORDINATE DIRECTLY WITH NEXAMP PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION. CONTRACTOR TO CONFIRM LOCATIONS AND INVERT ELEVATIONS IN FIELD AND NOTIFY ENGINEER IMMEDIATELY IF ANY DISCREPANCIES ARISE.

NEW YORK STATE DEPARTMENT OF AGRICULTURE AND MARKETS CONSTRUCTION REQUIREMENTS:

- CONSTRUCTION ACTIVITIES ON THIS SITE MUST COMPLY WITH THE NYS DEPARTMENT OF AGRICULTURE AND MARKETS (NYS/DA) PUBLISHED GUIDELINES FOR CONSTRUCTION MITIGATION FOR AGRICULTURAL LANDS LAST REVISED OCTOBER 18, 2019. THE FOLLOWING REPRESENTS ONLY A CONSOLIDATED SUMMARY OF THE GUIDELINES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO BE FAMILIAR WITH THE COMPLETE GUIDELINES AND COMPLY WITH THE APPLICABLE REQUIREMENTS DURING CONSTRUCTION.
- PRIOR TO CONSTRUCTION CONTRACTOR SHALL OBTAIN SOIL SAMPLES FROM AREAS TO BE DISTURBED (ONE (1) SET OF SOIL SAMPLES FOR EVERY 10 ACRES OF DISTURBANCE) AND SUBMITTED TO AN APPROVED LABORATORY FOR TESTING OF PH, PERCENT ORGANIC MATERIAL, CATION EXCHANGE CAPACITY, PHOSPHORUS / PHOSPHATE(P), AND POTASSIUM/POTASH(K). SOIL SAMPLING SHALL BE CONSISTENT WITH CORNELL UNIVERSITY'S SOIL TESTING GUIDELINES WITHIN REPRESENTATIVE AREAS OF THE PROPOSED DISTURBANCE. RESULTS SHALL BE SUBMITTED TO THE OWNER.
- STRIPPED TOPSOIL SHALL BE STOCKPILED FROM WORK AREAS AND KEPT SEPARATE FROM OTHER EXCAVATED MATERIAL UNTIL THE COMPLETION OF THE FACILITY. FOR FINAL RESTORATION, EXCESS TOPSOIL SHALL BE SPREAD EVENLY IN AGRICULTURAL AREAS WITHIN THE LIMIT OF DISTURBANCE OR AS NOTED ON THE PLANS. IN NO CASE SHALL THE SPREADING OF EXCESS TOPSOIL ALTER THE HYDROLOGY OF THE AREA.
- TOPSOIL STOCKPILES ON AGRICULTURAL AREAS LEFT IN PLACE PRIOR TO OCTOBER 31 SHALL BE SEEDING WITH ARROSTOOK WINTER RYE OR EQUIVALENT AT AN APPLICATION RATE OF THREE BUSHELS (168 LB) PER ACRE AND MULCHED WITH STRAW AT A RATE OF TWO TO THREE BALES PER 1000 SF.
- TOPSOIL STOCKPILES ON AGRICULTURAL AREAS LEFT IN PLACE BETWEEN OCTOBER 31 AND MAY 31 SHALL BE MULCHED WITH STRAW AT A RATE OF TWO TO THREE BALES PER 1000 SF TO PREVENT SOIL LOSS.
- THE SURFACE OF ACCESS ROADS LOCATED OUTSIDE OF THE FENCED AREA AND CONSTRUCTED THROUGH AGRICULTURAL FIELDS SHALL BE LEVEL WITH THE ADJACENT FIELD SURFACE UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL ENSURE THAT NO VEHICLES OR EQUIPMENT ARE ALLOWED OUTSIDE THE DESIGNED LIMIT OF DISTURBANCE, VEHICLE AND EQUIPMENT TRAFFIC, PARKING AND MATERIAL STORAGE SHALL BE LIMITED TO THE ACCESS ROADS AND/OR DESIGNATED WORK AREAS WITH THE EXCEPTION OF LOW GROUND PRESSURE EQUIPMENT.
- ALL BURIED UTILITIES LOCATED WITHIN THE FENCED AREA MUST HAVE A MINIMUM COVER DEPTH OF 18 INCHES IF LOCATED WITHIN CONDUIT AND 24 INCHES IF DIRECT BURIED.
- ALL BURIED UTILITIES LOCATED OUTSIDE OF THE FENCED AREA SHALL HAVE A MINIMUM COVER DEPTH OF 48 INCHES IF LOCATED WITHIN CROPLAND, HAYLAND OR IMPROVED PASTURE AREAS. IN AREAS WHERE THE DEPTH OF SOIL OVER BEDROCK IS LESS THAN 48 INCHES THE ELECTRICAL CONDUCTORS MUST BE BURIED BELOW THE SURFACE OF THE BEDROCK IF FRAGILE/RIPPABLE OR AS NEAR AS POSSIBLE TO THE SURFACE OF THE BEDROCK. ALL BURIED UTILITIES LOCATED IN UNIMPROVED GRAZING AREAS OR ON LAND PERMANENTLY DEVOTED TO PASTURE SHALL HAVE A MINIMUM COVER DEPTH OF 36 INCHES. WHERE ELECTRICAL CONDUCTORS ARE BURIED DIRECTLY BELOW THE GENERATION FACILITY'S ACCESS ROAD OR IMMEDIATELY ADJACENT TO THE ACCESS ROAD THE MINIMUM DEPTH OF COVER MUST BE 24 INCHES.
- EXCESS STRIPPED TOPSOIL SHALL NOT BE UTILIZED FOR FILL WITHIN PROJECT AREAS.
- CONTRACTOR TO REPAIR ALL SURFACE OR SUBSURFACE DRAINAGE STRUCTURES DAMAGED DURING CONSTRUCTION.
- RESTORATION WORK ON AGRICULTURAL LAND SHALL BE COMPLETED DURING FAVORABLE (WORKABLE, RELATIVELY DRY) CONDITIONS AND NOT WHILE SOILS AREA IN A WET OR PLASTIC STATE OF CONSISTENCY.
- IN ALL CONTINUED USE AGRICULTURAL LAND WHERE THE TOPSOIL WAS STRIPPED SUBSOIL DECOMPACTION SHALL BE CONDUCTED PRIOR TO TOPSOIL REPLACEMENT TO A DEPTH OF 18 INCHES WITH A TRACTOR MOUNTED DEEP RIPPER OR HEAVY-DUTY CHISEL PLOW.
- CONTRACTOR SHALL SEED ALL AREAS FROM WHICH VEGETATION WAS REMOVED OR DESTROYED WITH THE SEED MIX SPECIFIED BY OWNER.

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900 Route 146 Chitten Park, New York 12665
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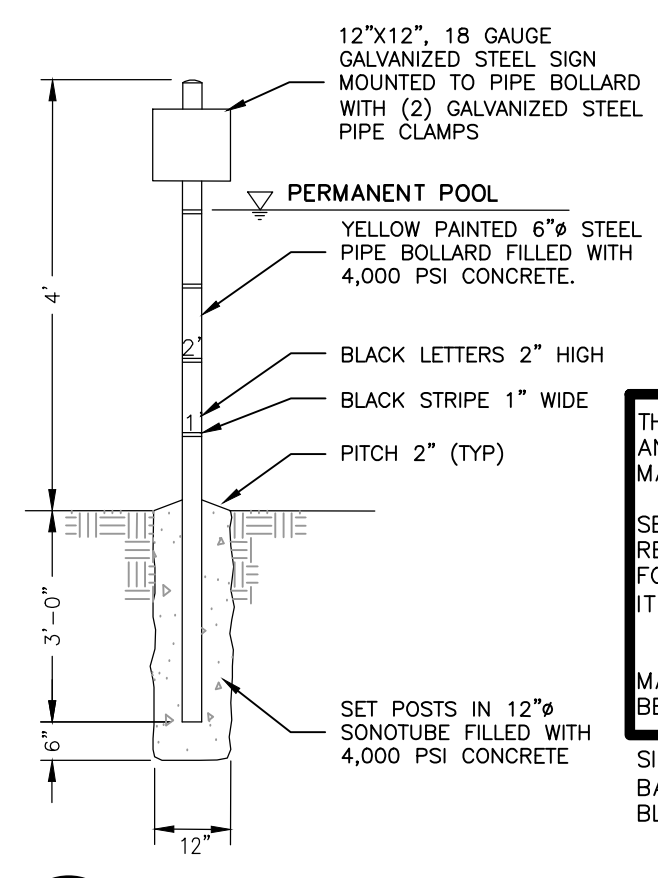
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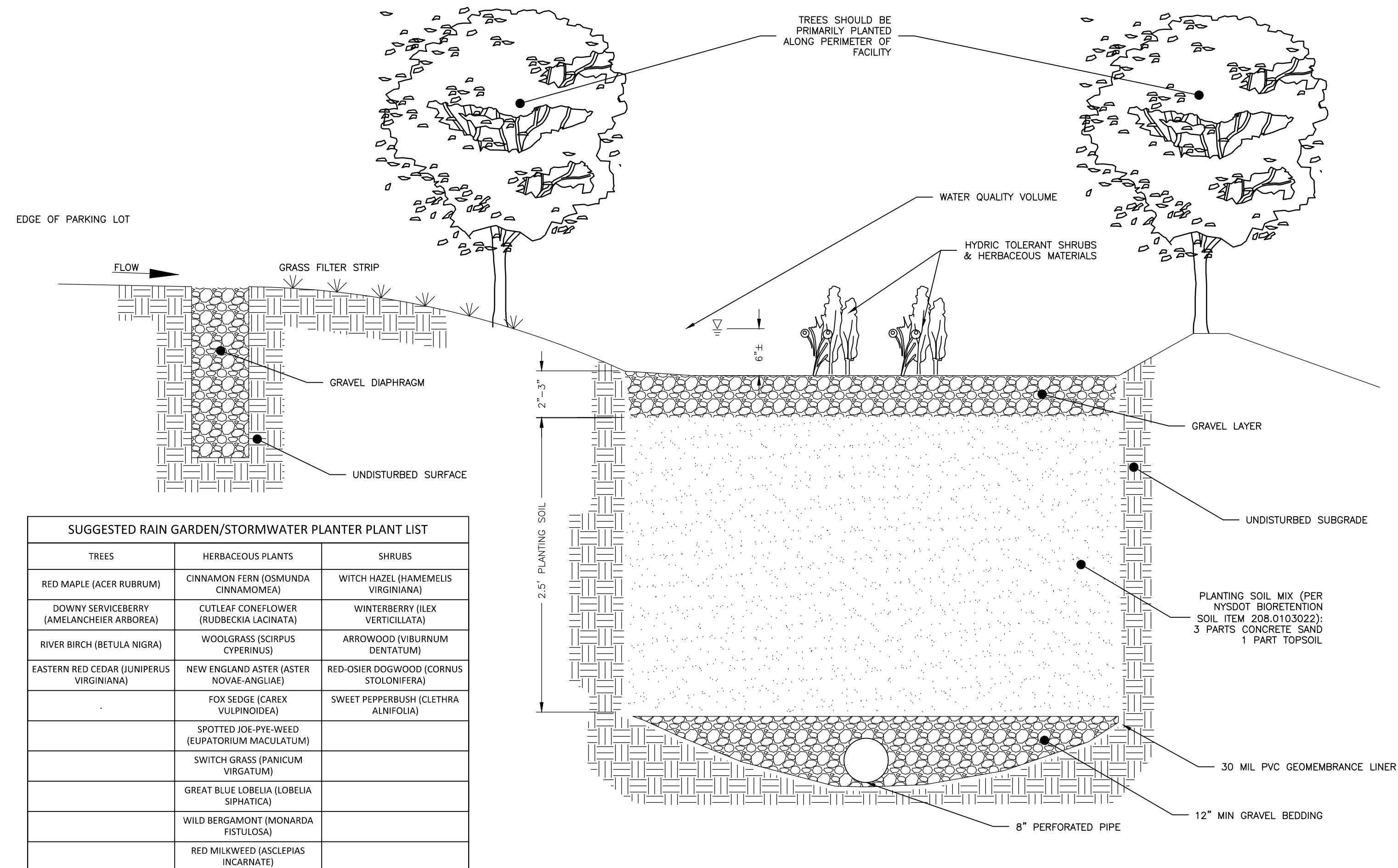
WILSON HILL SOLAR
469 Wilson Hill Road
Hosick Falls, NY 12090

SITE DETAILS
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Scale: As Shown
Approved by: STA
Drawing Title:
Drawing No: C-600 G

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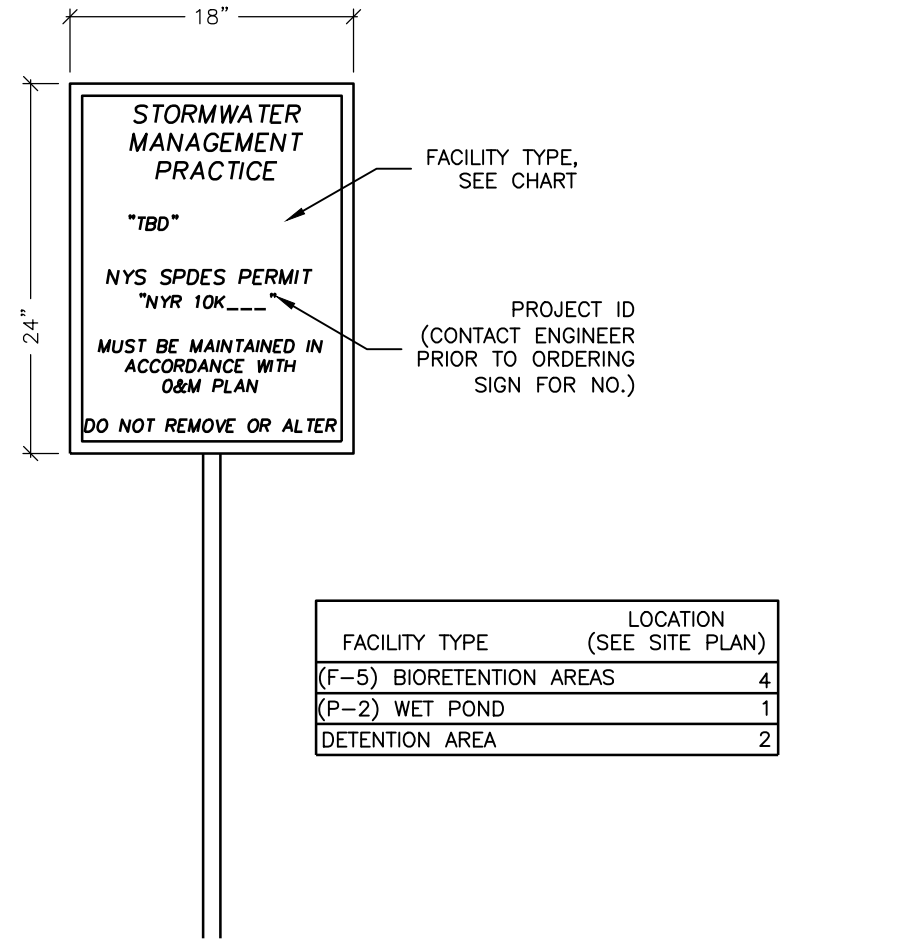


1 SEDIMENT DEPTH GAUGE
C-601 NOT TO SCALE

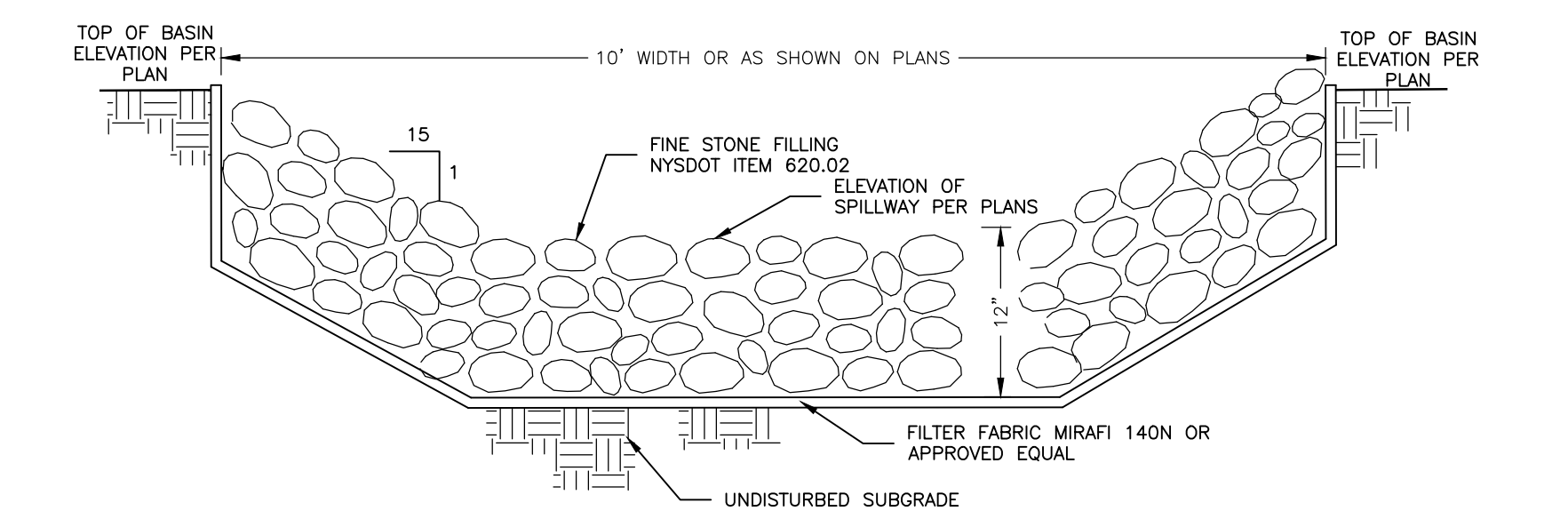


SUGGESTED RAIN GARDEN/STORMWATER PLANTER PLANT LIST		
TREES	HERBACEOUS PLANTS	SHRUBS
RED MAPLE (ACER RUBRUM)	CINNAMON FERN (OSMUNDA CINNAMOMEA)	WITCH HAZEL (HAMAMELIS VIRGINIANA)
DOWNY SERVICEBERRY (AMELANCHEIER ARBOREA)	CUTLEAF CONEFLOWER (RUDBECKIA LACINATA)	WINTERBERRY (ILEX VERTICILLATA)
RIVER BIRCH (BETULA NIGRA)	WOOLGRASS (SCIRPUS CYPERINUS)	ARROWWOOD (VIBURNUM DENTATUM)
EASTERN RED CEDAR (JUNIPERUS VIRGINIANA)	NEW ENGLAND ASTER (ASTER NOVAE-ANGLIAE)	RED-OSIER DOGWOOD (CORNUS STOLONIFERA)
	FOX SEDGE (CAREX VULPIDIOSA)	SWEET PEPPERBUSH (CLETHRA ALNIFOLIA)
	SPOTTED JOE-PYE-WEEED (EUPATORIUM MACULATUM)	
	SWITCH GRASS (PANICUM VIRGATUM)	
	GREAT BLUE LOBELIA (LOBELIA SIPHATICA)	
	WILD BERGAMOT (MONARDA FISTULOSA)	
	RED MILKWEED (ASCLEPIAS INCARNATE)	

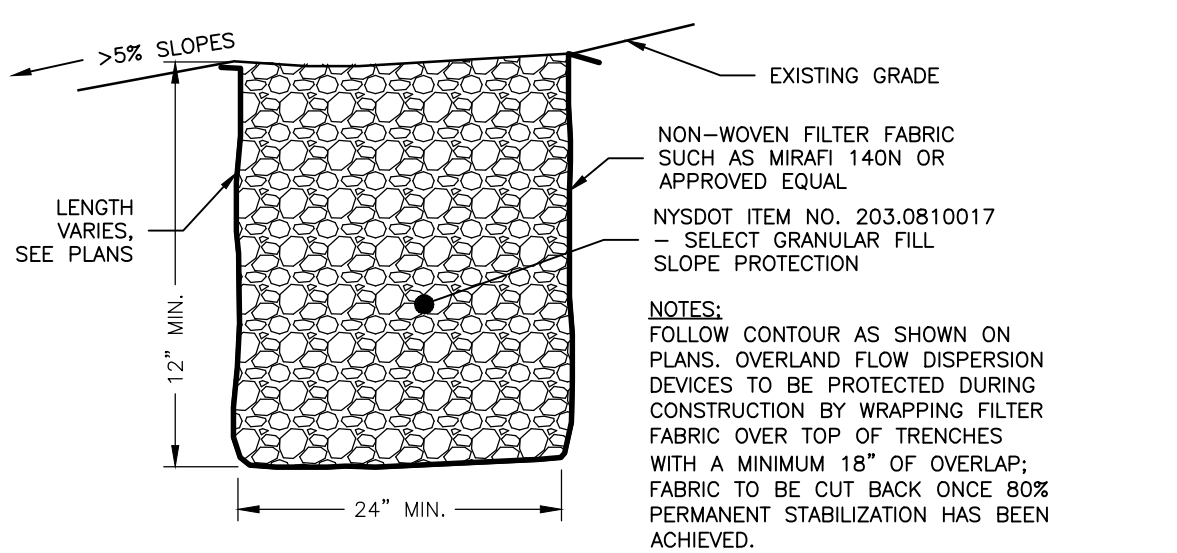
3 BIORETENTION AREA
C-601 NOT TO SCALE



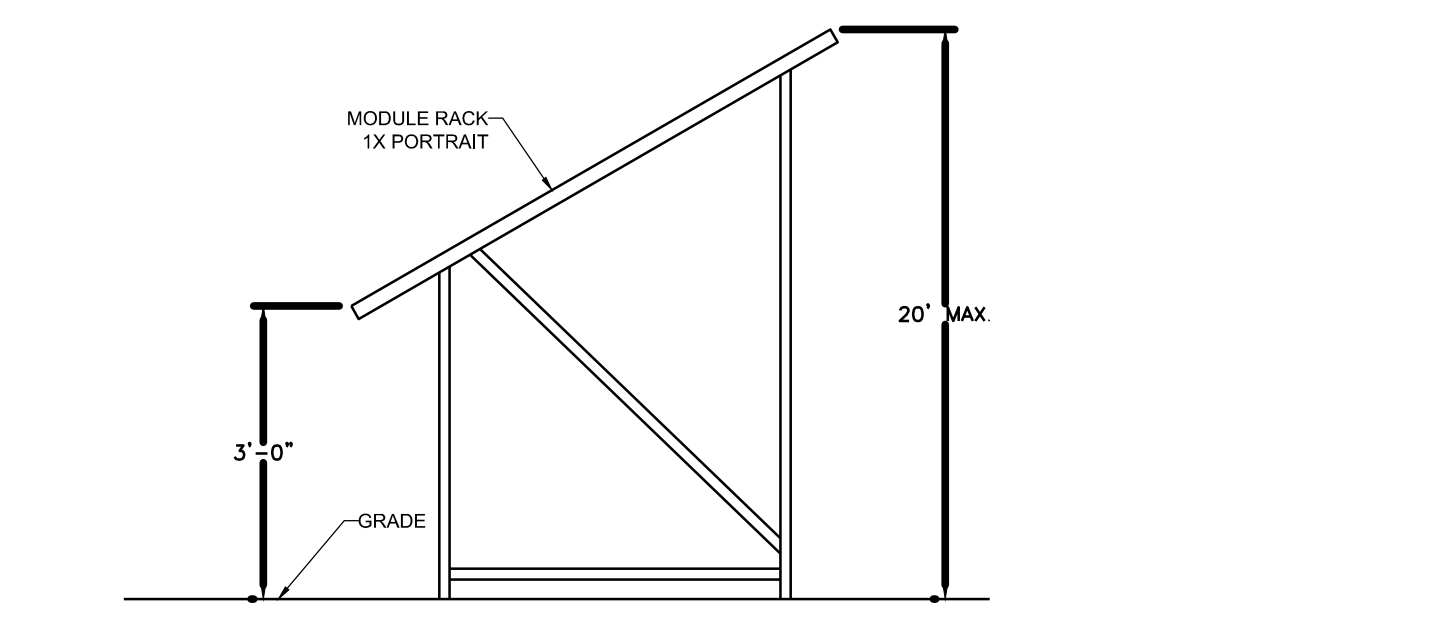
2 STORMWATER MANAGEMENT FACILITY NOTIFICATION SIGN
C-601 NOT TO SCALE



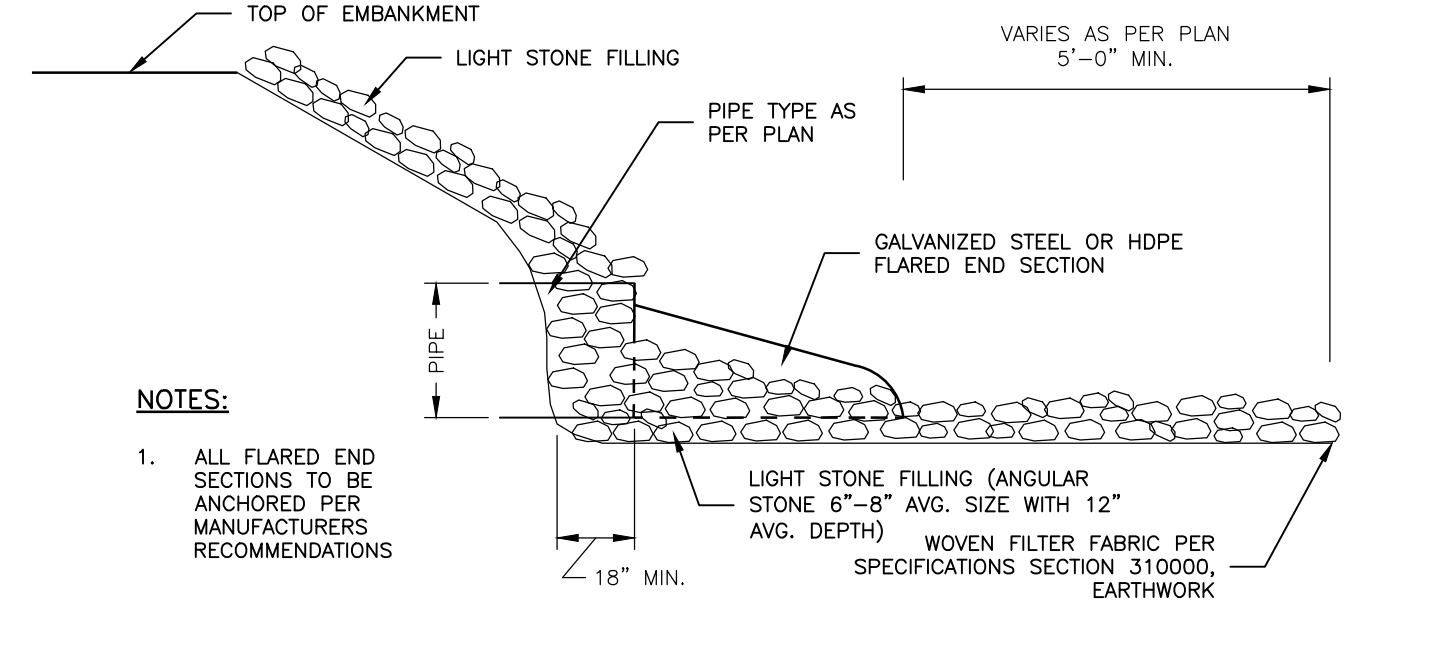
4 EMERGENCY SPILLWAY
C-601 NOT TO SCALE



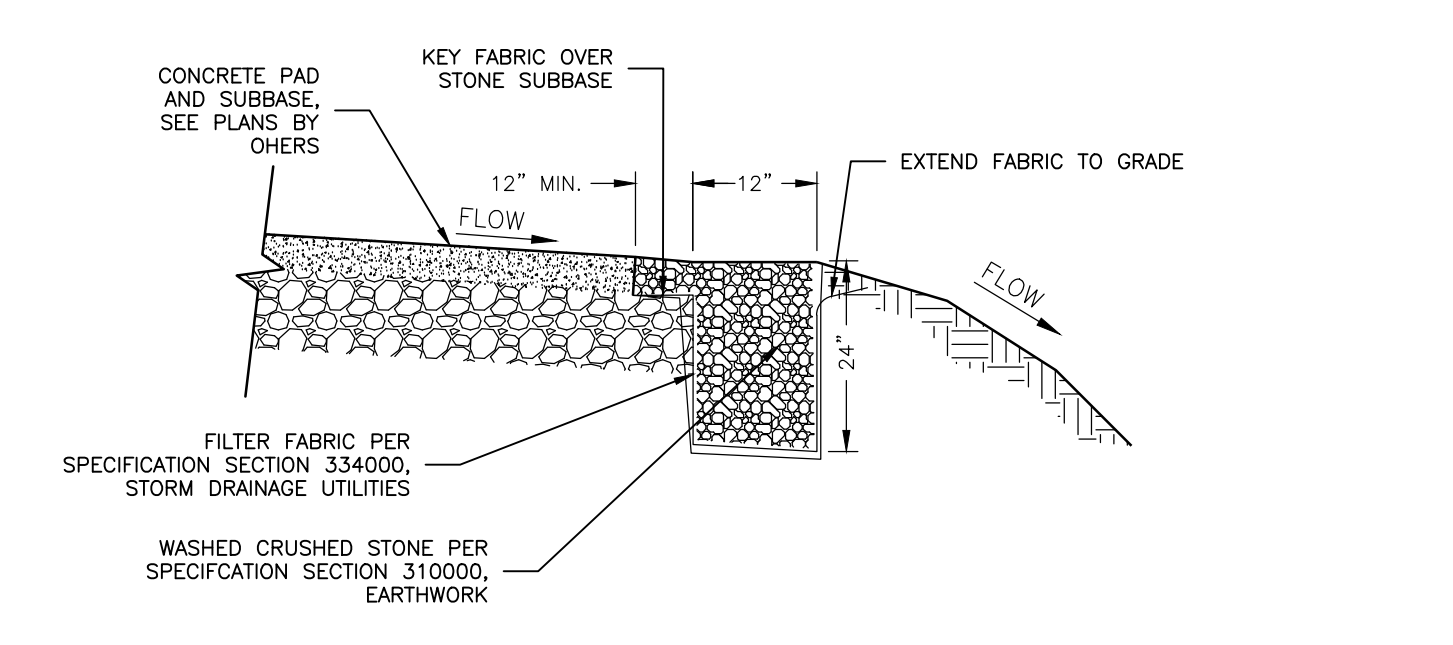
5 OVERLAND FLOW DISPERSION DEVICE
C-601 NOT TO SCALE



6 SOLAR ARRAY FIXED TILT RACK DETAIL
C-601 NOT TO SCALE

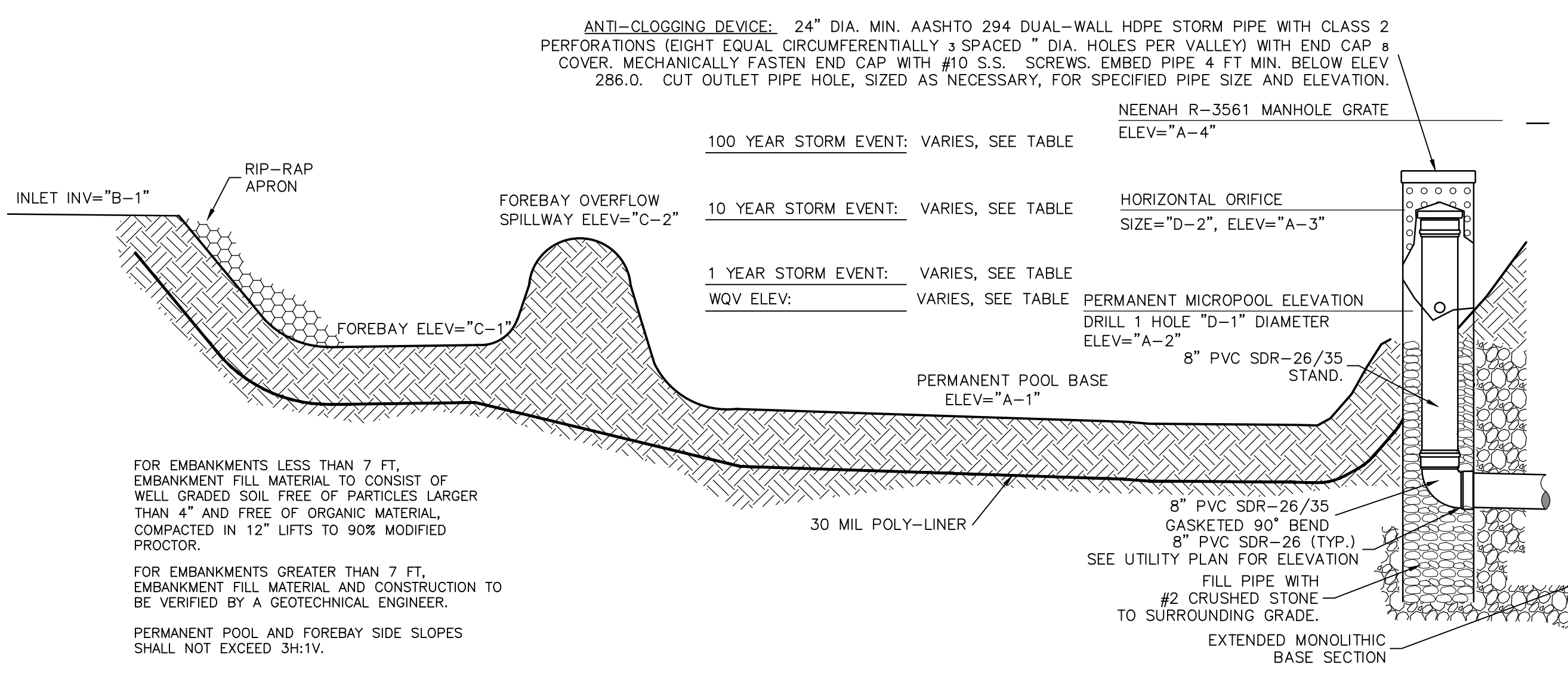


7 FLARED END SECTION
C-601 NOT TO SCALE

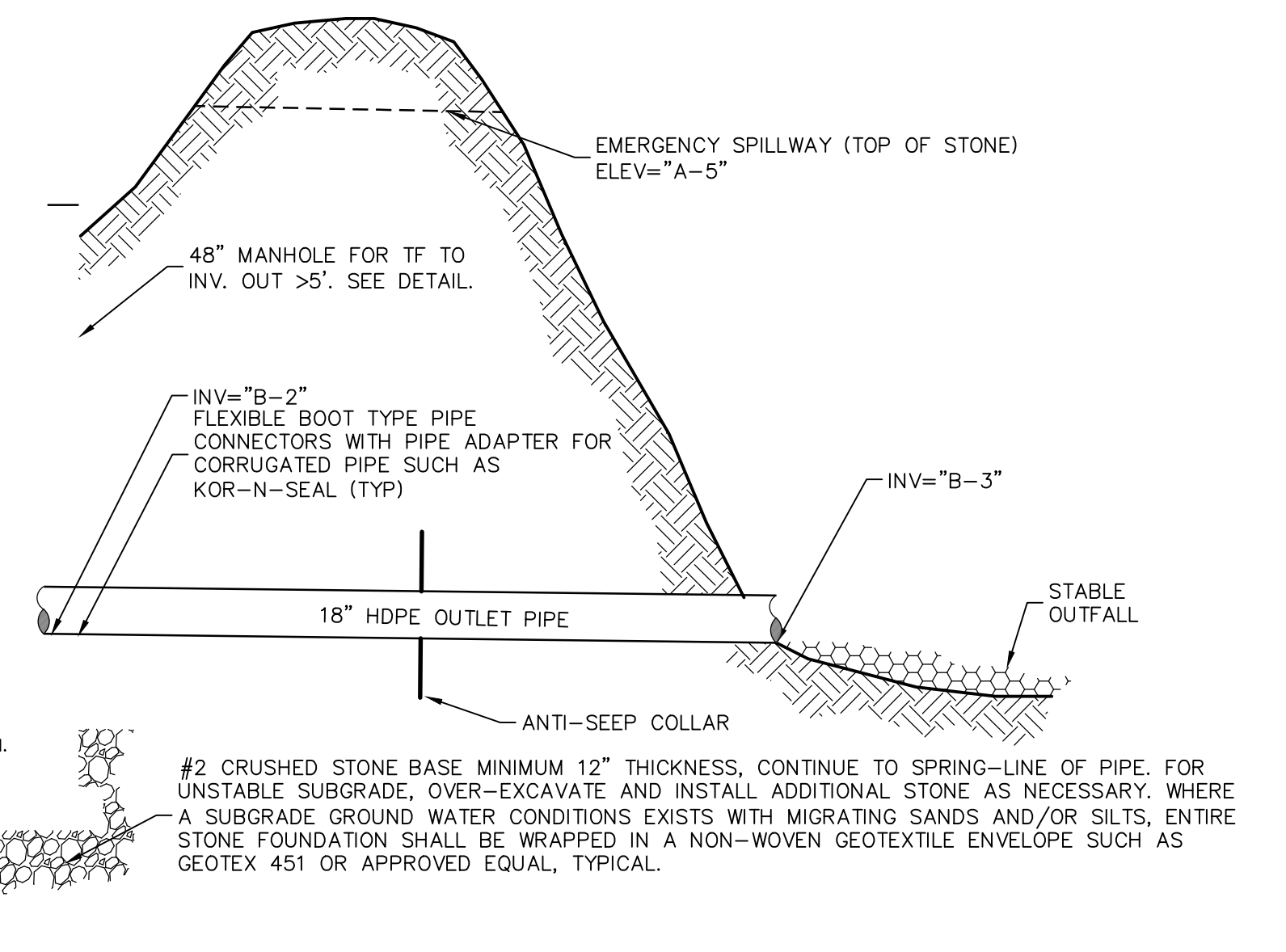


8 GRAVEL DIAPHRAGM
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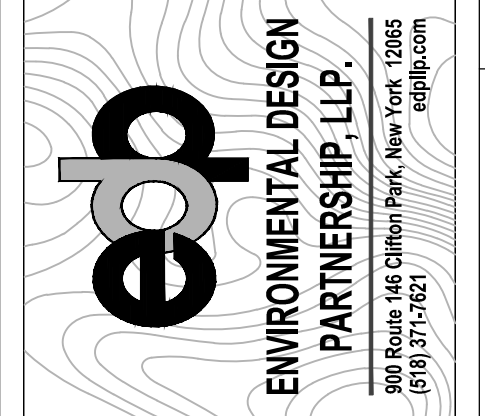
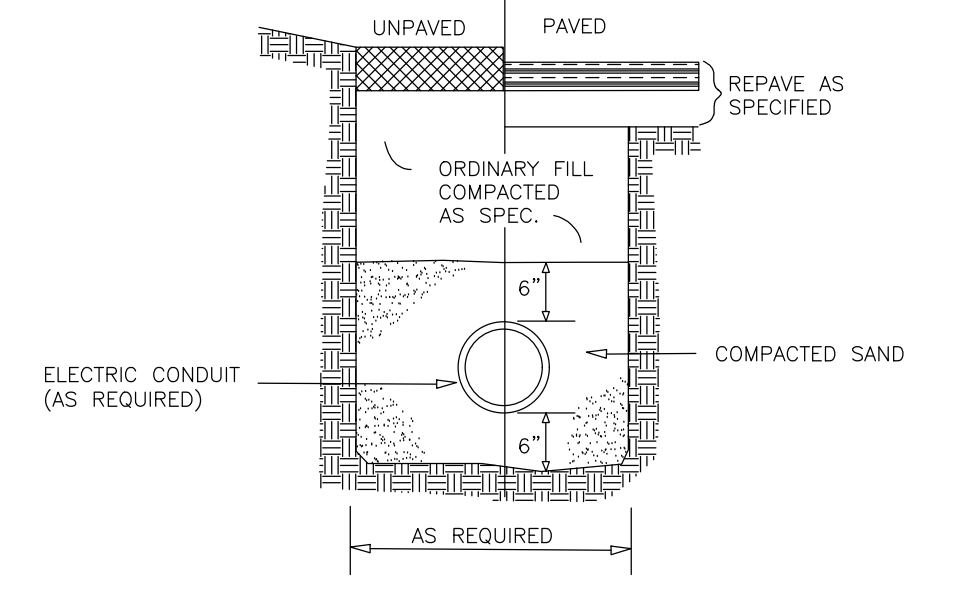
MICROPOL EXTENDED DETENTION POND ELEVATIONS	SMA #1
A-1 (FT)	891.00
A-2 (FT)	894.00
A-3 (FT)	895.80
A-4 (FT)	896.85
A-5 (FT)	898.00
B-1 (FT)	899.00
B-2 (FT)	893.90
B-3 (FT)	892.50
C-1 (FT)	894.00
C-2 (FT)	898.00
D-1 (IN)	3.0"
D-2 (IN)	12.0"
STORM EVENT	
1 YR (FT)	895.78
10 YR (FT)	896.81
25 YR (FT)	897.21
100 YR (FT)	897.98



9 WET POND
C-601 NOT TO SCALE



10 MV CABLE TRENCH
C-601 NOT TO SCALE

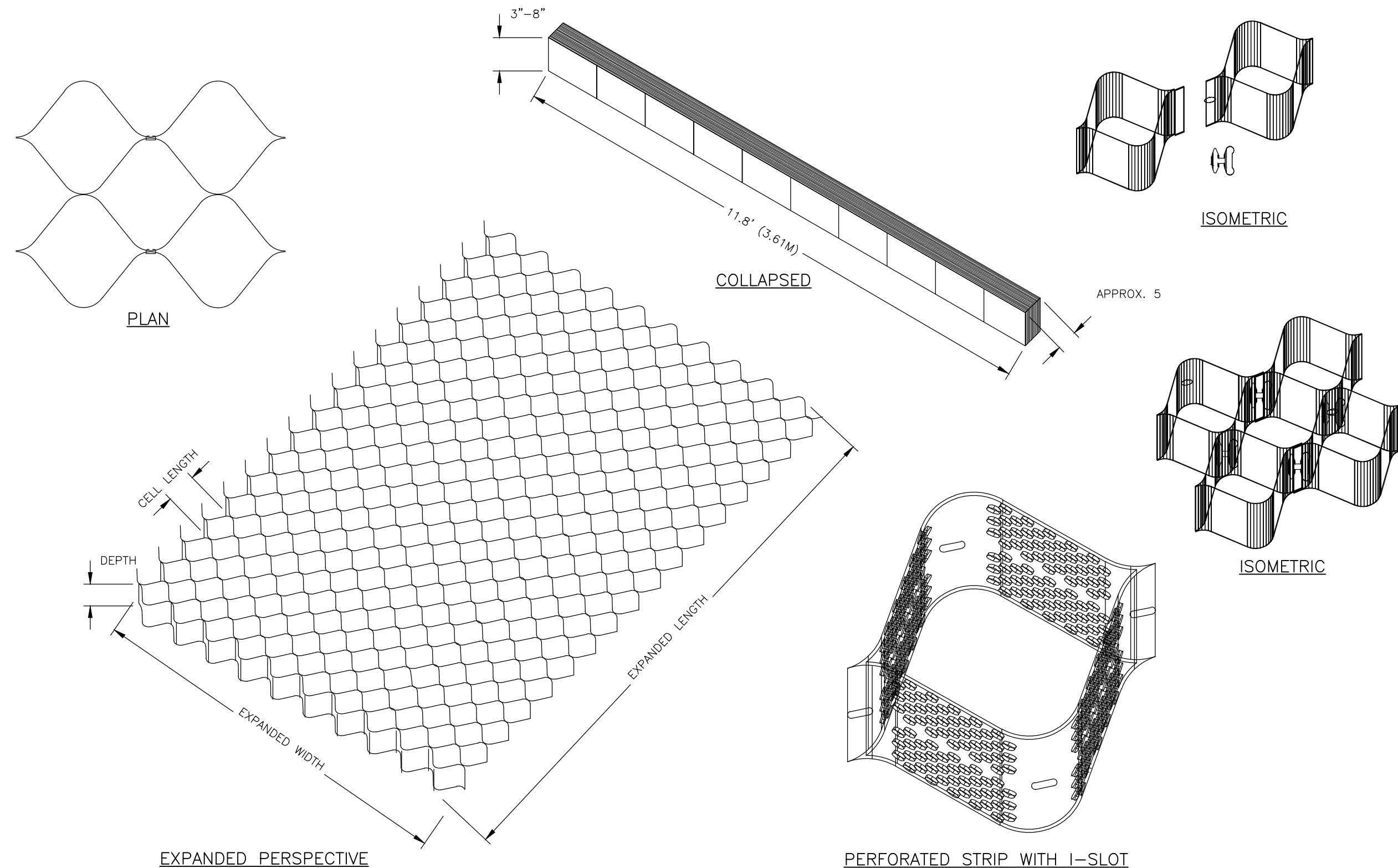


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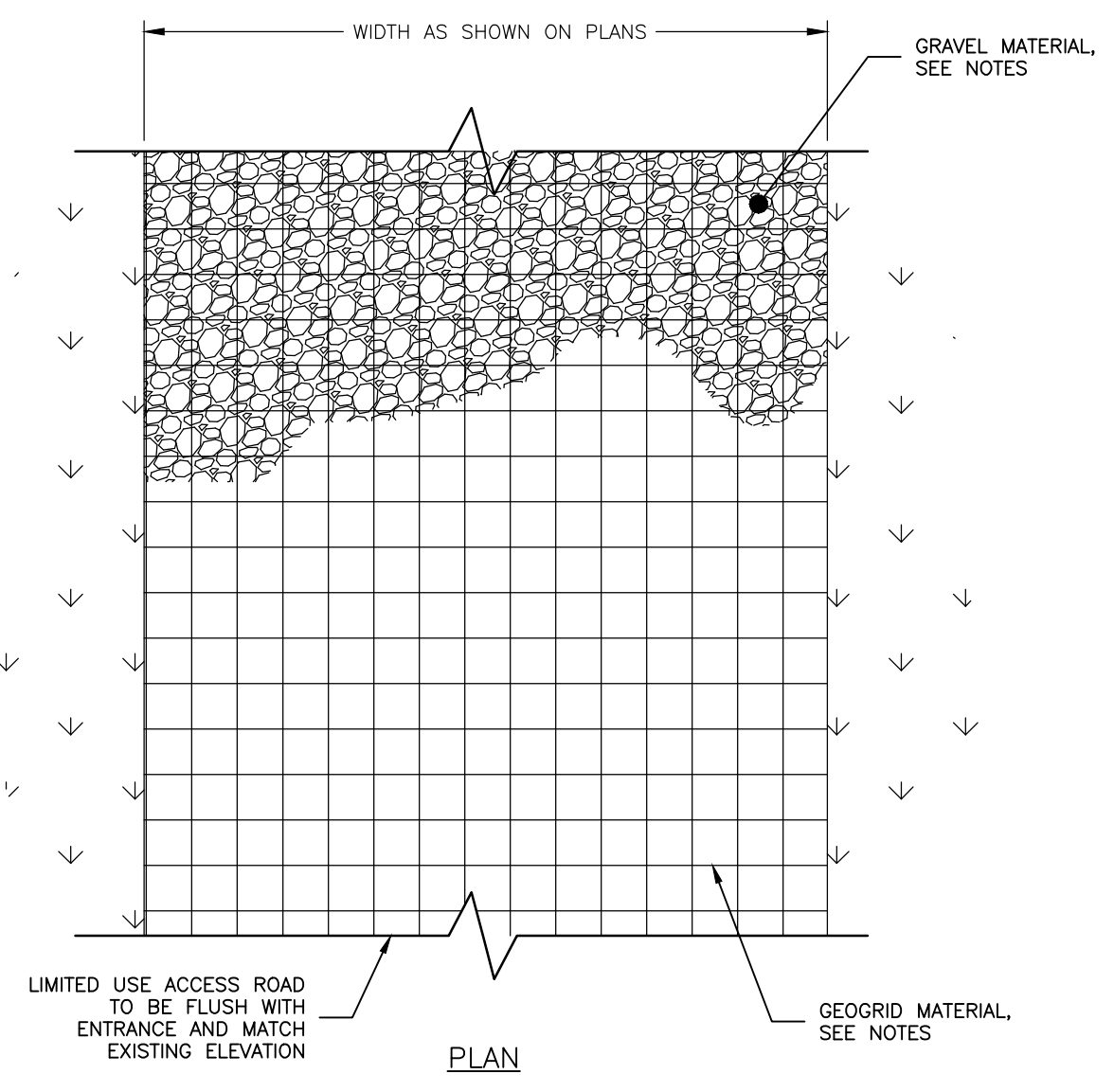
WILSON HILL SOLAR
469 Wilson Hill Road
Hoosick Falls, NY 12090

SITE DETAILS
NOT FOR CONSTRUCTION
Scale: As Shown Approved by: STA
Drawing Title:
Drawing No: Size: D Sheet Rev: C-601 G

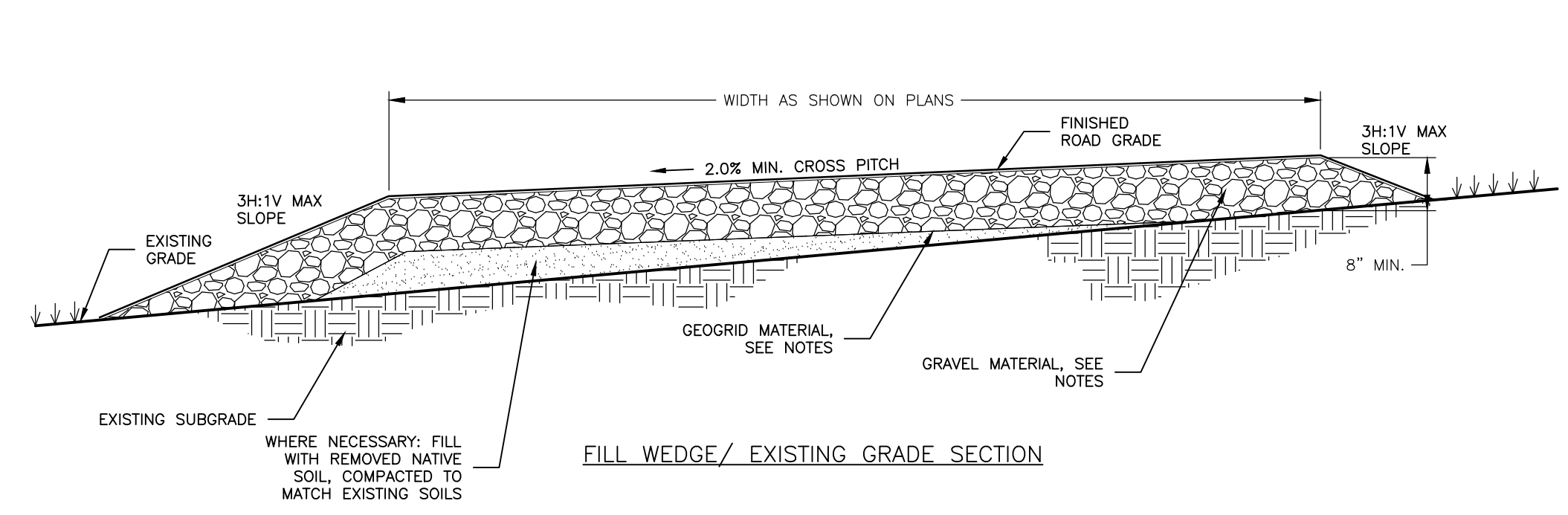


1 GEOWEB FOR PERVIOUS ACCESS ROAD
C-602 NOT TO SCALE

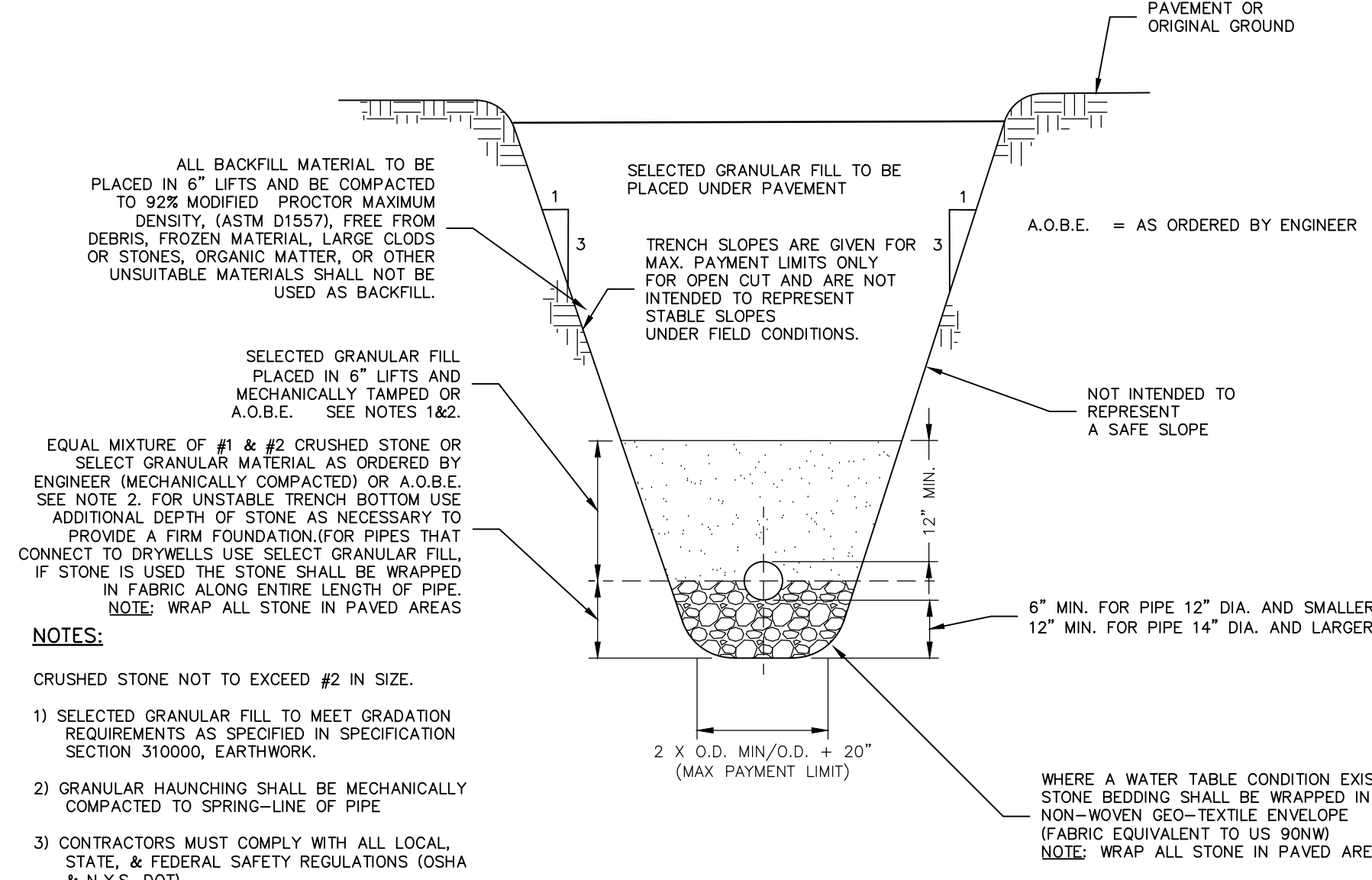
- GENERAL NOTES:**
- USE OF THIS DETAIL/CRITERION IS LIMITED TO ACCESS ROAD USED ON AN OCCASIONAL BASIS ONLY (I.E. PROVIDE ACCESS FOR MOWING, EQUIPMENT REPAIR OR MAINTENANCE, ETC.).
 - LIMITED USE PERVIOUS ACCESS ROAD IS LIMITED TO LOW IMPACT IRREGULAR MAINTENANCE ACCESS ASSOCIATED WITH RENEWABLE ENERGY PROJECTS IN NEW YORK STATE.
 - REMOVE STUMPS, ROCKS AND DEBRIS AS NECESSARY. FILL VOIDS TO MATCH EXISTING NATIVE SOILS AND COMPACTION LEVEL.
 - THE LIMITED USE PERVIOUS ACCESS ROAD CROSS SLOPE SHALL BE 2% IN MOST CASES AND SHOULD NOT EXCEED 6%. THE LONGITUDINAL SLOPE OF THE ACCESS DRIVE SHOULD NOT EXCEED 15%.
 - GRADE ROADWAY, WHERE NECESSARY, TO NATIVE SOIL AND DESIRED ELEVATION. MINOR GRADING FOR CROSS SLOPE CUT AND FILL MAY BE REQUIRED.
 - LIMITED USE PERVIOUS ACCESS ROAD IS NOT INTENDED TO BE UTILIZED FOR CONSTRUCTION WHICH MAY SUBJECT THE ACCESS ROAD TO SEDIMENT TRACKING. THIS SPECIFICATION HAS BEEN DEVELOPED FOR POST-CONSTRUCTION USE.
 - TO ENSURE THAT SOIL IS NOT TRACKED ONTO THE LIMITED USE PERVIOUS ACCESS ROAD, IT SHALL NOT BE USED BY CONSTRUCTION VEHICLES TRANSPORTING SOIL, FILL MATERIAL, ETC. THE LIMITED USE PERVIOUS ACCESS ROAD SHALL BE COMPLETED DURING THE FINAL STAGES OF CONSTRUCTION. MAINTENANCE OF THE PERVIOUS ACCESS ROAD SHALL BE REQUIRED IF SEDIMENT IS OBSERVED WITHIN THE CLEAN STONE.
 - THE LIMITED USE PERVIOUS ACCESS ROAD SHALL NOT BE CONSTRUCTED OR USED UNTIL ALL AREAS SUBJECT TO RUNOFF ONTO THE PERVIOUS ACCESS ROAD HAVE ACHIEVED FINAL STABILIZATION.
 - A TEMPORARY ROAD SHALL BE UTILIZED FOR CONSTRUCTION. SEE PERMANENT/TEMPORARY ACCESS ROAD DETAIL. THE TEMPORARY ACCESS ROAD SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETED. THE AREA SHALL BE DECOMPACTED AND RELOADED PRIOR TO THE CONSTRUCTION OF THE PERVIOUS ACCESS ROAD.
 - WOVEN GEOTEXTILE MATERIAL SHALL BE UTILIZED IN POORLY DRAINED AREAS AS DETAILED IN THE FOLLOWING NOTES.
 - IN AREAS WHERE A ROADSIDE DITCH IS NOT UTILIZED TO CAPTURE RUNOFF FROM THE PERVIOUS ACCESS ROAD, THE PERVIOUS ACCESS ROAD WILL HAVE A WELL-ESTABLISHED PERENNIAL VEGETATIVE COVER, WHICH SHALL CONSIST OF UNIFORM VEGETATION (I.E.I BUFFER), 20 FEET WIDE AND PARALLEL TO THE DOWNGRADIENT SIDE OF THE ACCESS ROAD. POST CONSTRUCTION OPERATION AND MAINTENANCE PRACTICES WILL MAINTAIN THIS VEGETATIVE COVER TO ENSURE FINAL STABILIZATION FOR THE LIFE OF THE ACCESS ROAD.



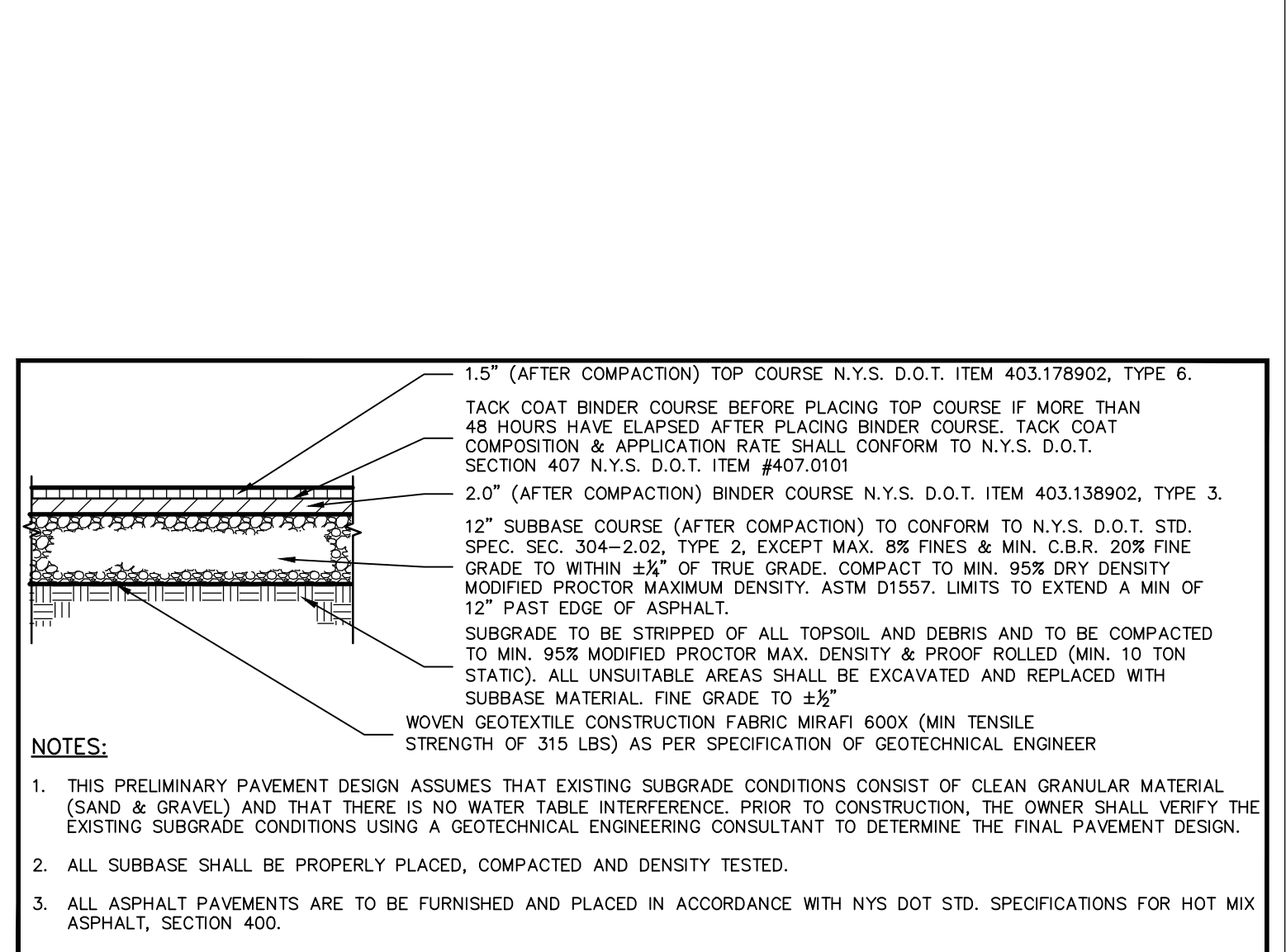
- GEOTRID MATERIAL NOTES:**
- GRAVEL FILL MATERIAL SHALL CONSIST OF CLEAN, DURABLE, SHARP-ANGLED CRUSHED STONE OF UNIFORM QUALITY, MEETING THE SPECIFICATIONS OF NYS DOT ITEM 703-02, SIZE DESIGNATION 3 AND 3A OF TABLE 703-4. STONE MAY BE PLACED IN FRONT OF, AND SPREAD WITH, A TRACKED VEHICLE. GRAVEL SHALL NOT BE COMPACTED.
 - GEOTRID SHALL BE MIRAFI BXG110 OR APPROVED EQUAL. IF MORE THAN ONE ROLL WIDTH IS REQUIRED, ROLLS SHOULD OVERLAP A MINIMUM OF SIX INCHES.
 - REFER TO MANUFACTURER'S SPECIFICATION FOR PROPER TYING AND CONNECTIONS.
 - LIMITED USE PERVIOUS ACCESS ROAD SHALL BE TOP DRESSED AS REQUIRED WITH ONLY CRUSHED STONE MEETING NYS DOT ITEM 703-02 SPECIFICATIONS, SIZE DESIGNATION 3 AND 3A OF TABLE 703-4.
 - IN POORLY DRAINED AND SILTY AREAS, AN ADDITIONAL LAYER OF FILTER FABRIC (MIRAFI 140N OR APPROVED EQUAL), SHALL BE PLACED BELOW THE GEOTRID. CONTRACTOR SHALL OBTAIN OWNER APPROVAL PRIOR TO PLACEMENT OF ANY ADDITIONAL FILTER FABRIC.



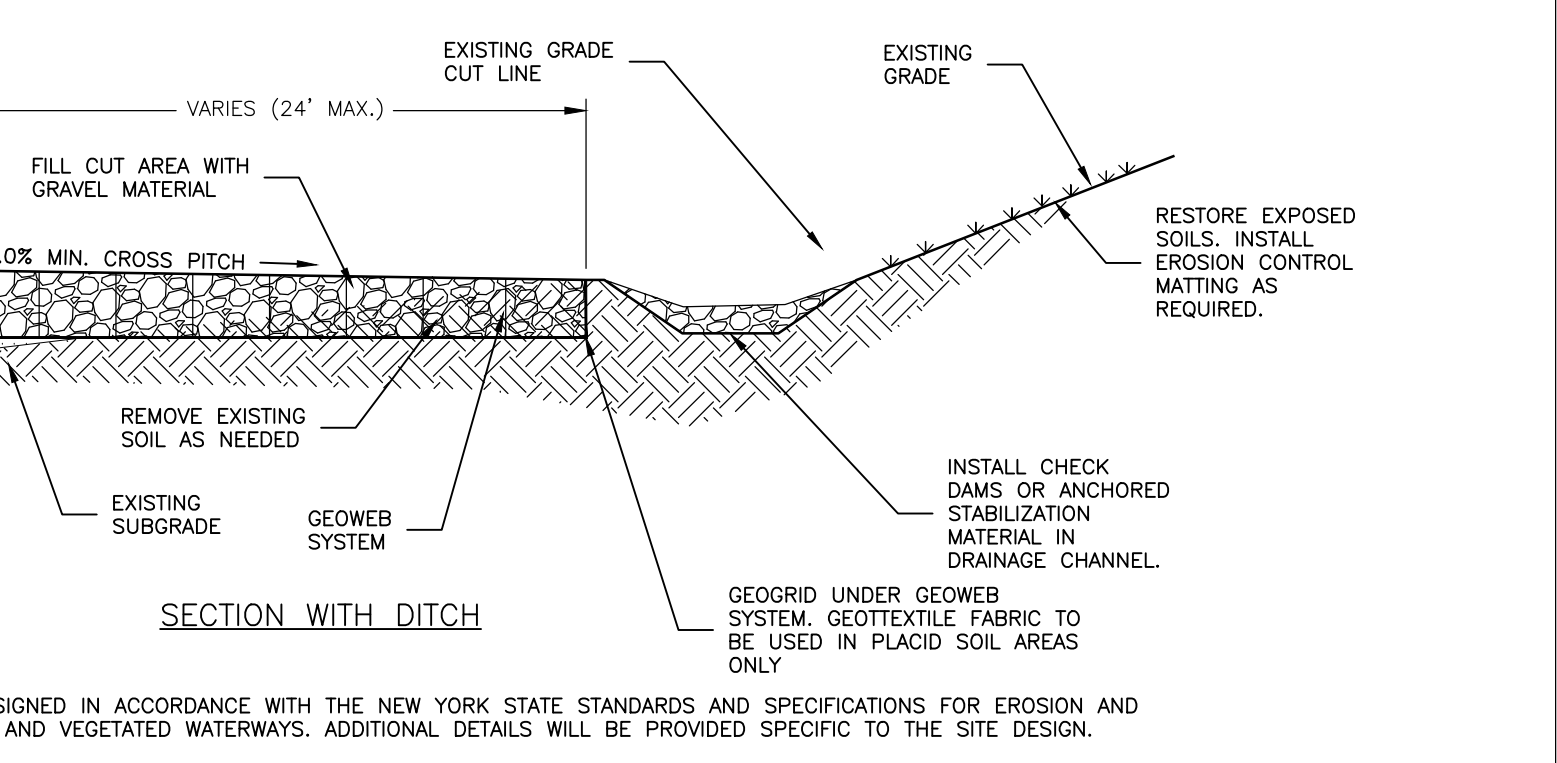
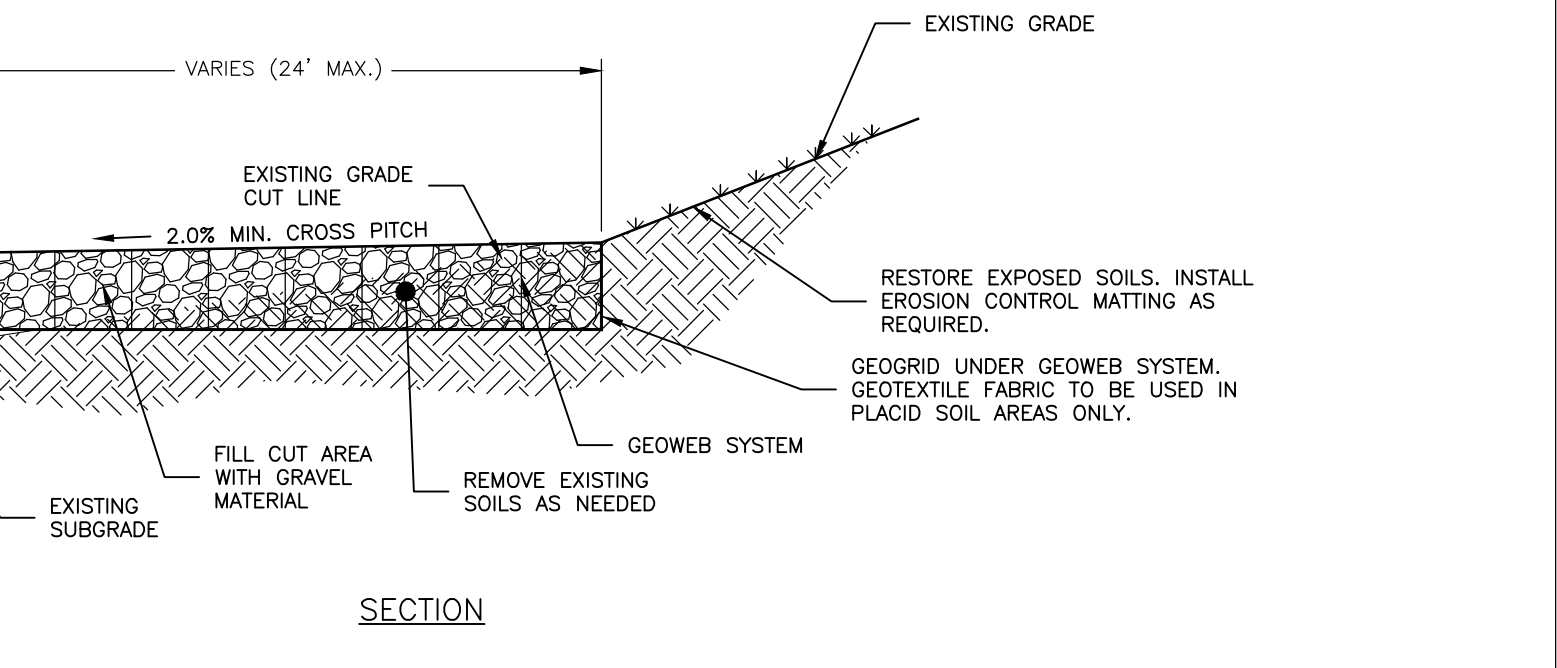
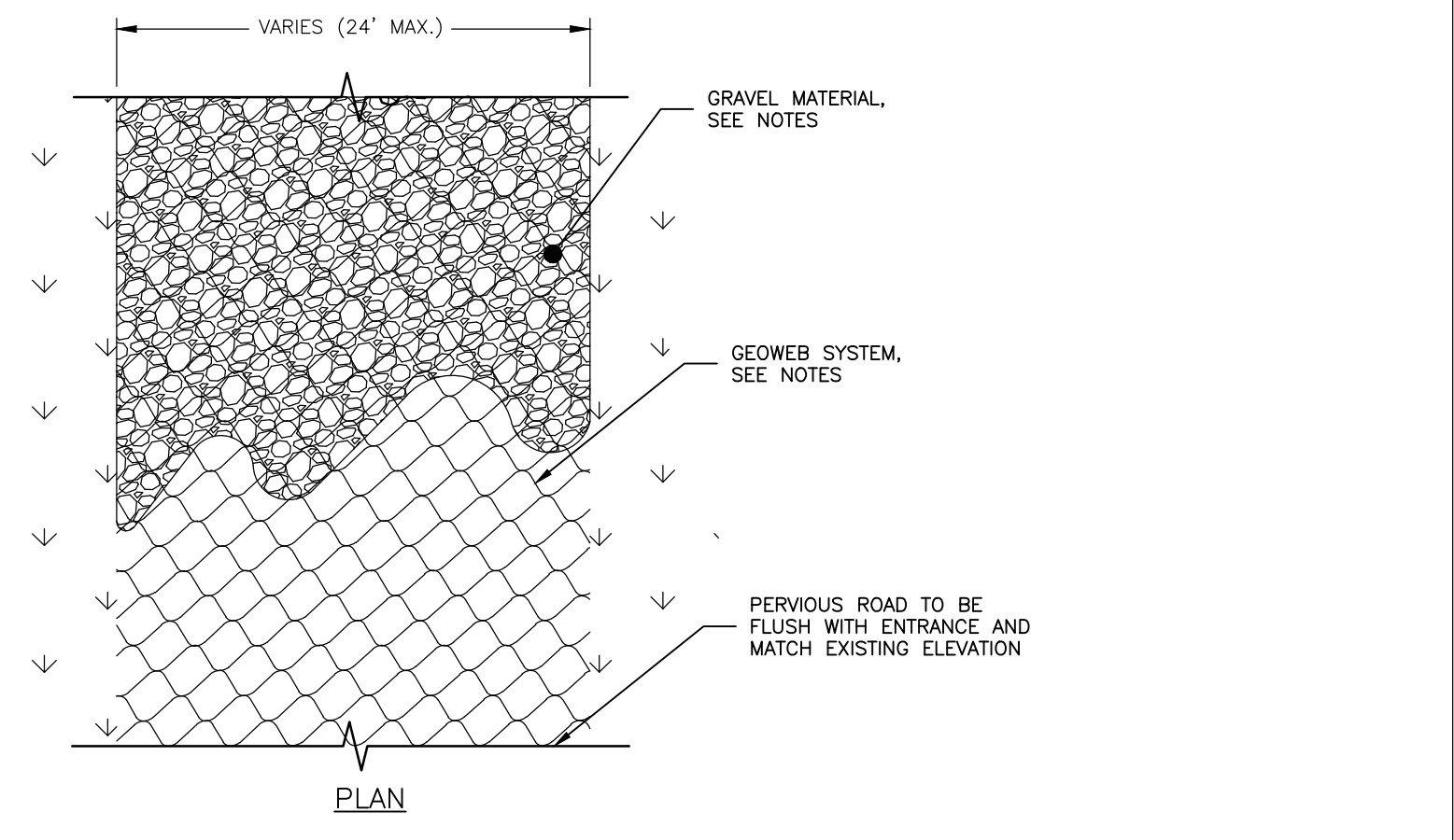
2 NYSDEC LIMITED USE PERVIOUS ACCESS ROAD 0% TO 5% SLOPES
C-602 NOT TO SCALE



3 STORM TRENCH
C-602 NOT TO SCALE



4 MEDIUM DUTY PAVEMENT SECTION
C-602 NOT TO SCALE



5 NYSDEC LIMITED USE PERVIOUS ACCESS ROAD GREATER THAN 5% SLOPES
C-602 NOT TO SCALE

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edp ENVIRONMENTAL DESIGN PARTNERSHIP, LLP.

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(518) 371-1821

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G	REVISIONS PER THE COMMENTS	1/29/2024



WILSON HILL SOLAR

469 Wilson Hill Road
Hoosick Falls, NY 12090

Project: Approved by STA

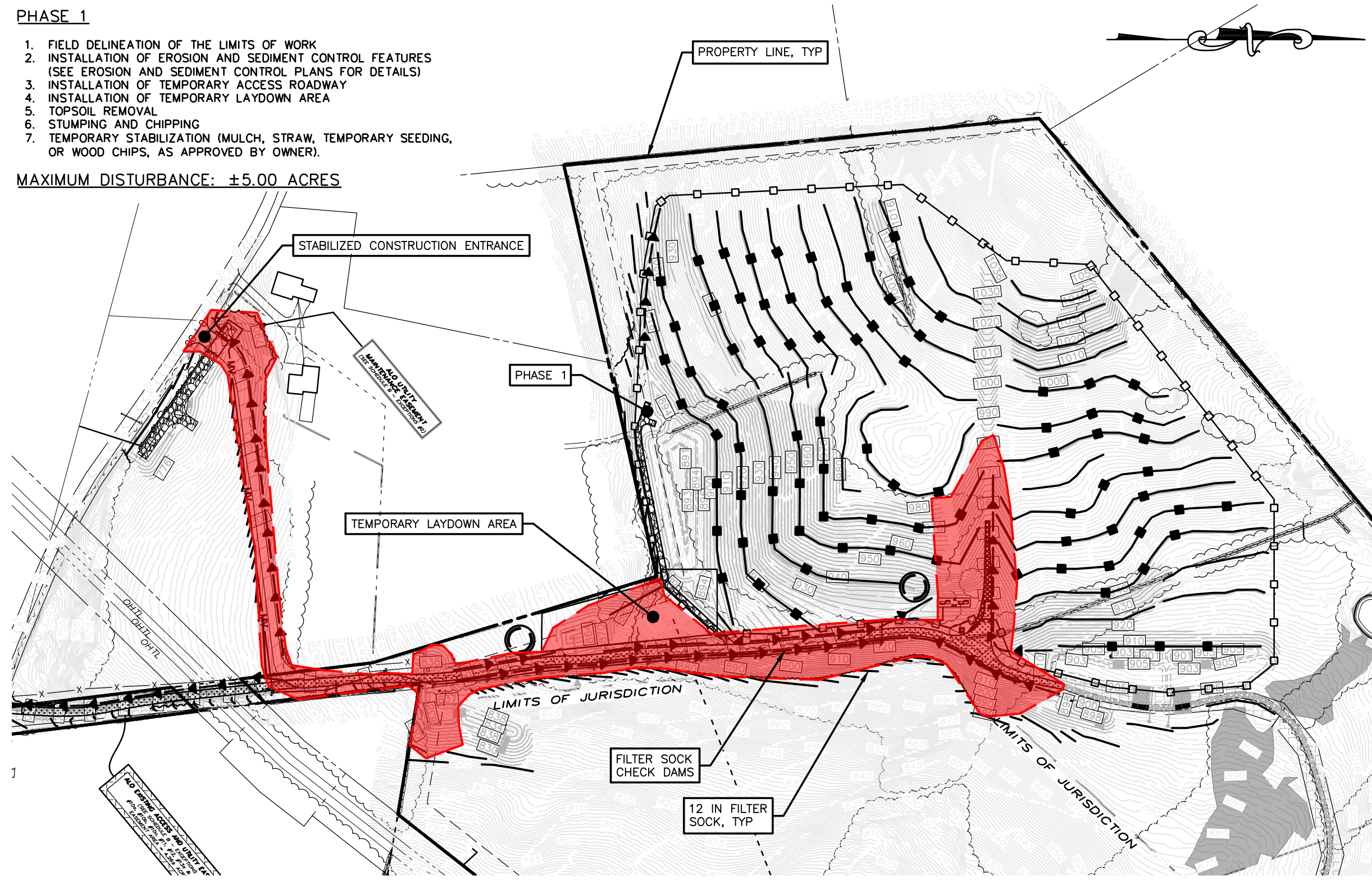
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NOT FOR CONSTRUCTION

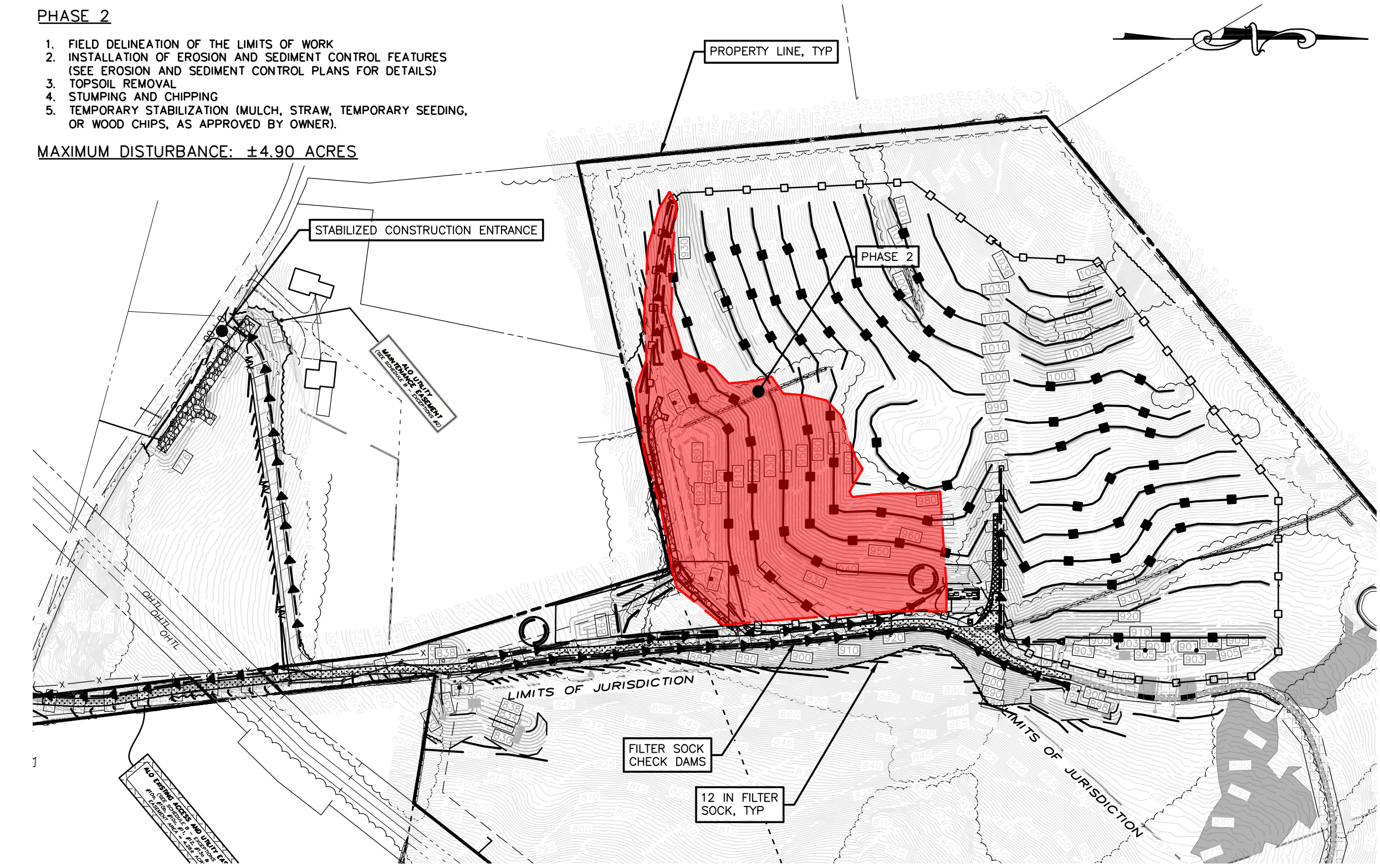
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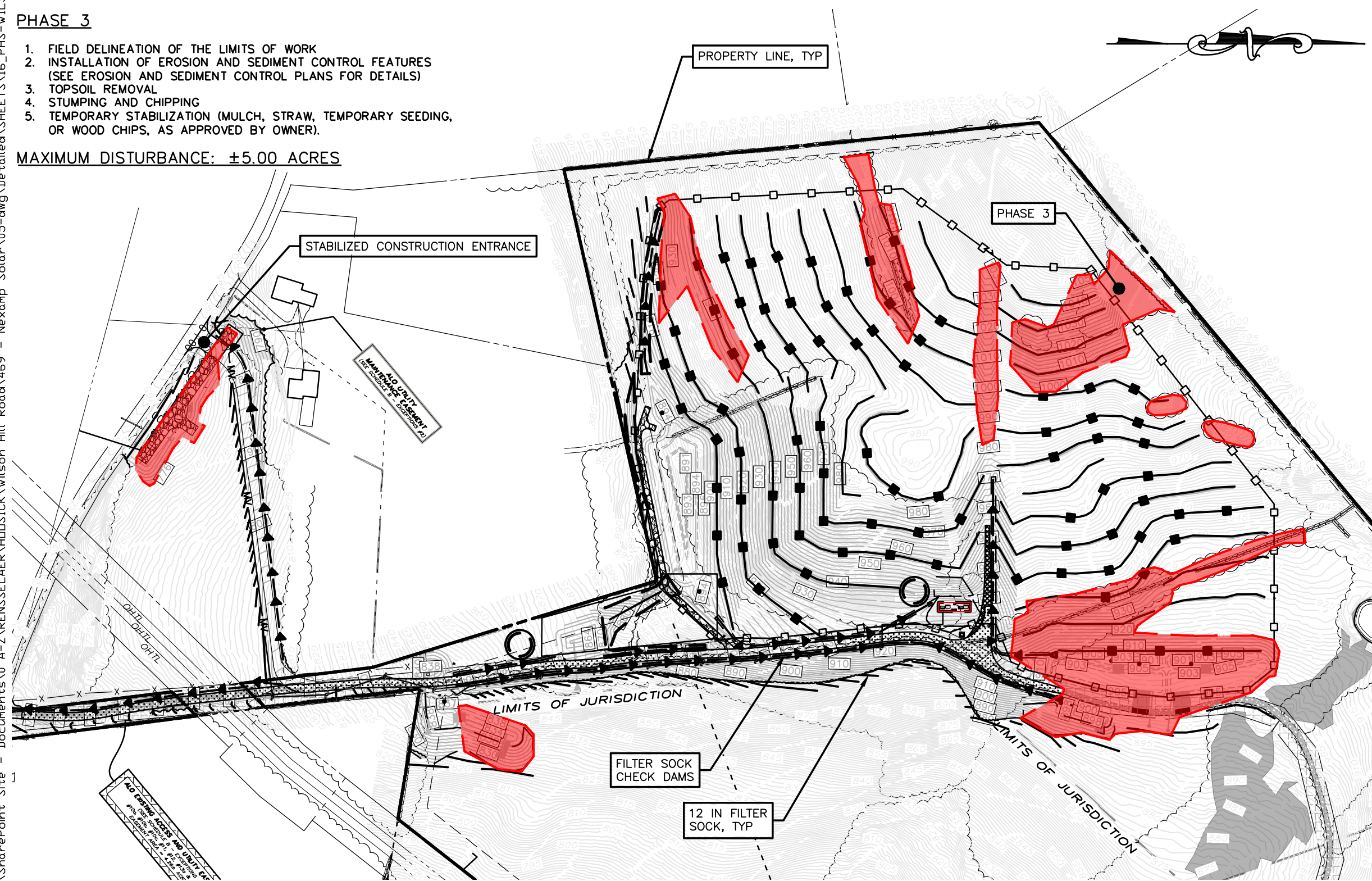
Dwg No: Size: D Sheet Rev: G



○ PHASE 1 DISTURBANCE
SCALE: 1"=200'



○ PHASE 2 DISTURBANCE
SCALE: 1"=200'



○ PHASE 3 DISTURBANCE
SCALE: 1"=200'



○ PHASE 4 DISTURBANCE
SCALE: 1"=200'

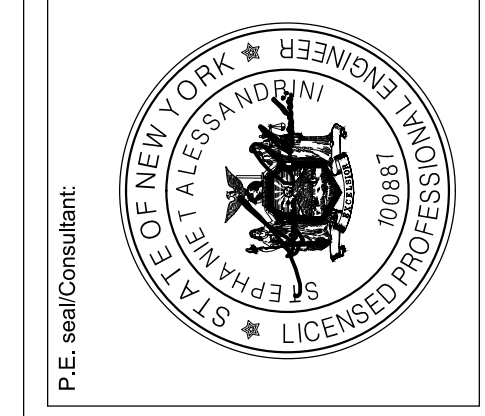
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300 Route 146 Chilton Park, New York, NY 12565
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WILSON HILL SOLAR

469 Wilson Hill Road
Hoosick Falls, NY 12090

PHASING PLAN

NOT FOR CONSTRUCTION

Scale: As Shown Approved by: STA

Drawn by: BMW

Dwg No: C-700
Size: D
Sheet Rev: G

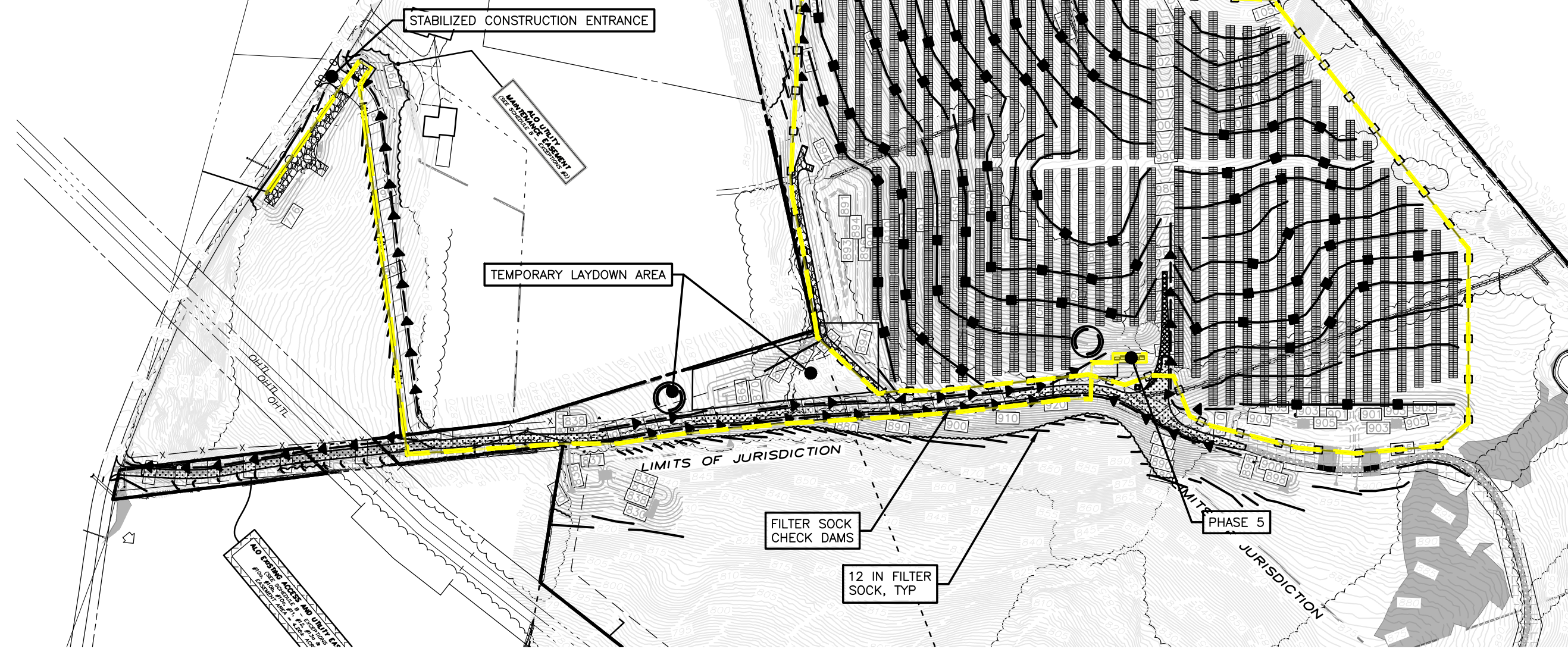
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- PHASE 5**
1. FIELD DELINEATION OF THE LIMITS OF WORK
 2. INSTALL EQUIPMENT PAD
 3. ELECTRICAL UNDERGROUND MV INSTALLATION
 4. CONDUIT LAYOUT
 5. EQUIPMENT PAD INSTALLATION
 6. FENCE INSTALLATION

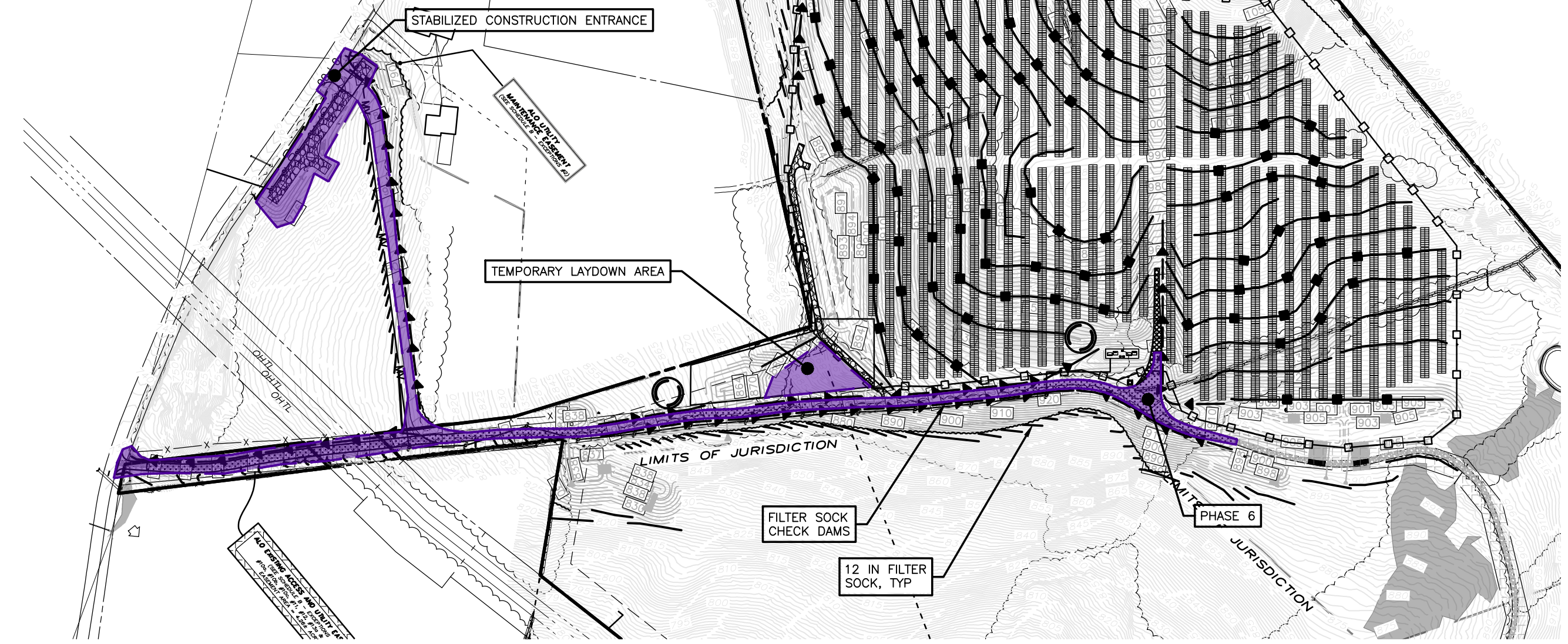
- NOTES:**
1. DISTURBANCE OUTSIDE LIMITS OF WORK SHOWN SHALL BE IMMEDIATELY STABILIZED.
 2. SOIL DISTURBANCE SHALL BE CONTINUOUSLY STABILIZED BETWEEN AND UNDER SOLAR PANELS AS WORK IS COMPLETED ON A PANEL.

MAXIMUM DISTURBANCE: ±0.60 ACRES



- PHASE 6**
1. FIELD DELINEATION OF THE LIMITS OF WORK
 2. FENCE, GATE, SIGNAGE INSTALLATION, ETC.
 3. WIRE MODULES
 4. WIRE MANAGEMENT
 5. DECOMPACTION, REGRADING, AND RELOAMING AREAS USED TEMPORARY ROAD, LAYDOWN, ETC., FOR DURING CONSTRUCTION
 6. SPREADING TOPSOIL
 7. INSTALLATION OF FINAL IMPERVIOUS ACCESS ROAD AND MAINTENANCE OF EXISTING ROAD (SEE SITE PLANS FOR LOCATION)
 8. FINAL SEEDING
 9. REMOVAL OF EROSION AND SEDIMENT CONTROL FEATURES ONCE >80% STABILIZATION HAS BEEN ACHIEVED.

MAXIMUM DISTURBANCE: ±2.50 ACRES



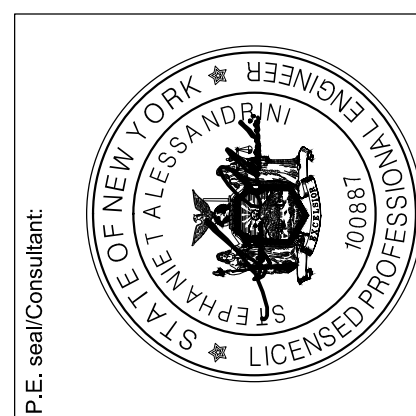
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WILSON HILL SOLAR

469 Wilson Hill Road
Hoosick Falls, NY 12090

PHASING PLAN

NOT FOR CONSTRUCTION

Scale: As Shown Approved by: STA
Drawn by: BMW

Dwg No: **C-701** Size: D Sheet Rev: **G**

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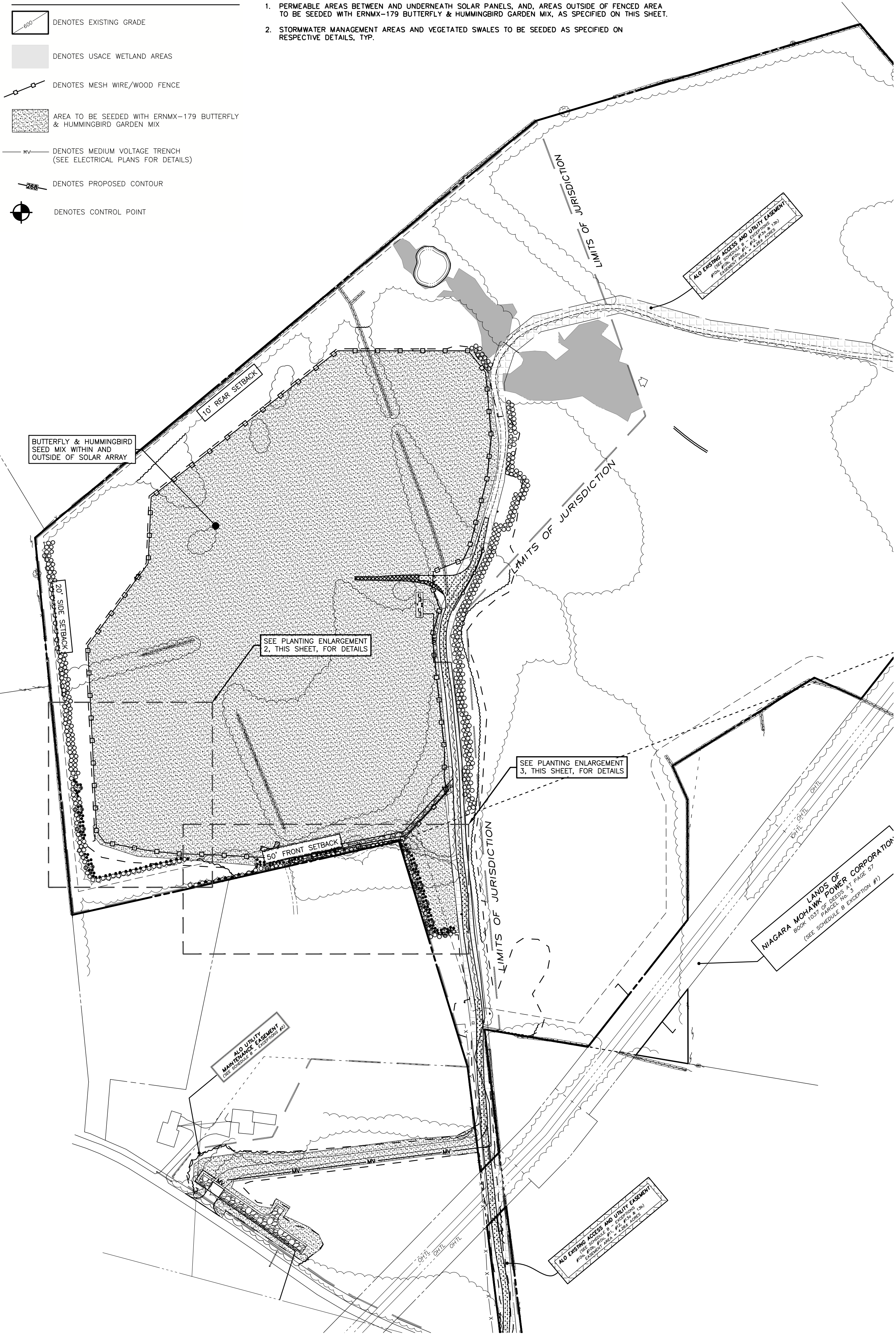
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PLANTING PLAN LEGEND

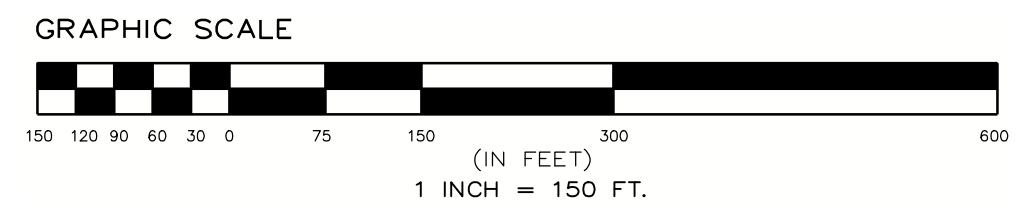
- DENOTES EXISTING GRADE
- DENOTES USACE WETLAND AREAS
- DENOTES MESH WIRE/WOOD FENCE
- AREA TO BE SEEDDED WITH ERNMX-179 BUTTERFLY & HUMMINGBIRD GARDEN MIX
- DENOTES MEDIUM VOLTAGE TRENCH (SEE ELECTRICAL PLANS FOR DETAILS)
- DENOTES PROPOSED CONTOUR
- DENOTES CONTROL POINT

NOTES:

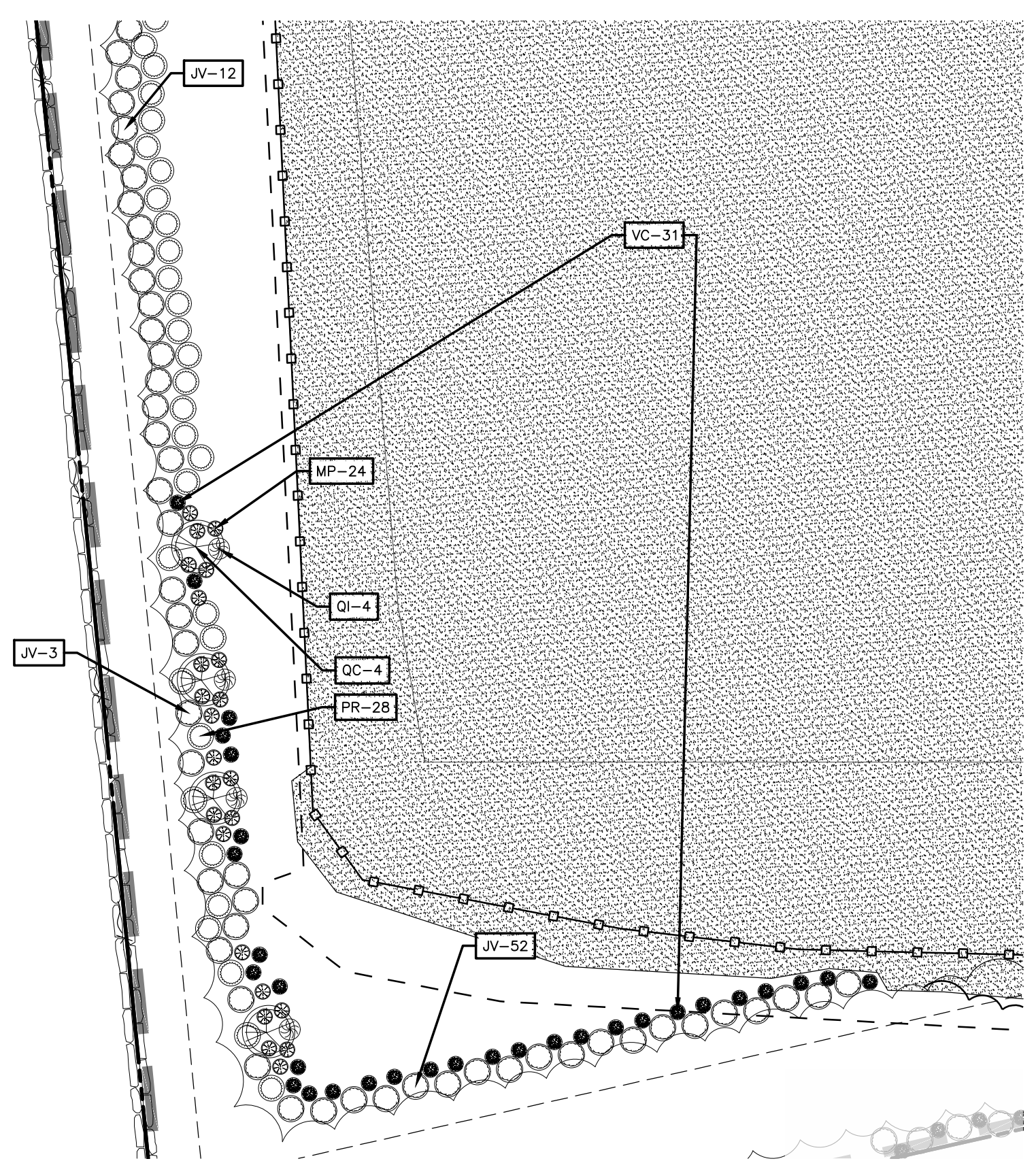
1. PERMEABLE AREAS BETWEEN AND UNDERNEATH SOLAR PANELS, AND, AREAS OUTSIDE OF FENCED AREA TO BE SEEDDED WITH ERNMX-179 BUTTERFLY & HUMMINGBIRD GARDEN MIX, AS SPECIFIED ON THIS SHEET.
2. STORMWATER MANAGEMENT AREAS AND VEGETATED SWALES TO BE SEEDDED AS SPECIFIED ON RESPECTIVE DETAILS, TYP.



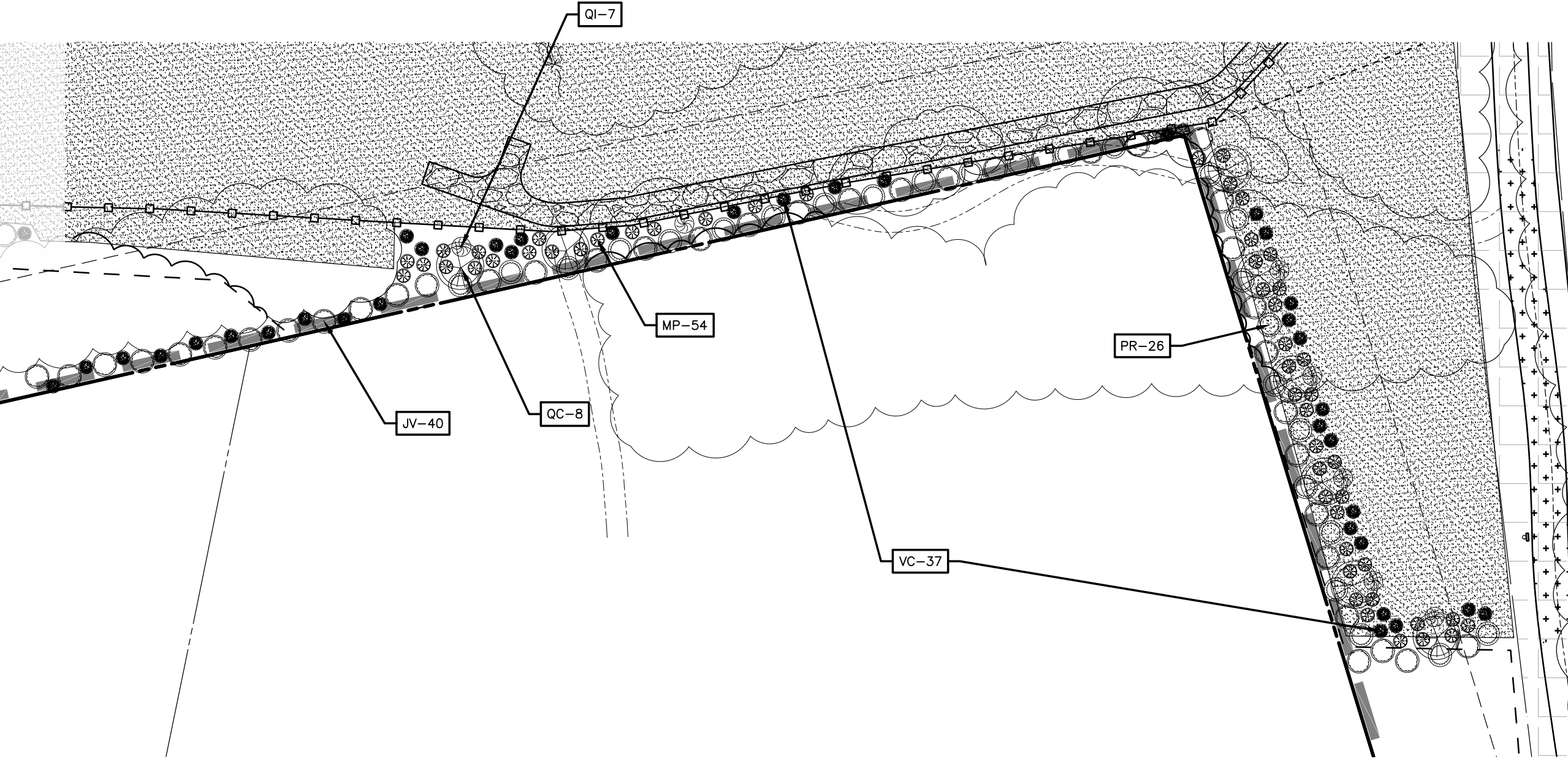
1 OVERALL PLANTING PLAN
L-100 SCALE: 1"=50'



2 PLANTING ENLARGEMENT
L-100 SCALE: 1"=50'



3 PLANTING ENLARGEMENT
L-100 SCALE: 1"=50'



ERNST SEEDS (ERNMX - 179)*			
QUANTITY	SPECIES	COMMON	APPLICATION RATE
29.6%	SCHIZACHYRIUM SCOPARIUM, FORT INDIANTOWN GAP - PA ECOTYPE	LITTLE BLUESTEM, FORT INDIANTOWN GAP-PA ECOTYPE	30 LB PER ACRE
10.0%	ELYMUS VIRGINICUS, PA ECOTYPE	VIRGINIA WILDRYE, PA ECOTYPE	
9.4%	ECHINACEA PURPUREA	PURPLE CONEFLOWER	
6.0%	DELPHINIUM AJACIS	ROCKET LARKSPUR	
6.0%	CENTAUREA CYANUS, TALL MIXED	BACHELOR'S BUTTON TALL MIXED/CORNFLOWER	
6.0%	COREOPSIS LANCEOLATA	LANCELEAF COREOPSIS	
6.0%	RUBEOCKIA HIRTA	BLACKEYED SUSAN	
5.0%	DIANTHUS BARBATUS	SWEETWILLIAM	
4.0%	CHRYSANTHEMUM MAXIMUM	SHASTA DAISY	
2.2%	BAPTISIA AUSTRALIS, SOUTHERN WV ECOTYPE	BLUE FALS INDIGO, SOUTHERN WV ECOTYPE	
2.0%	LIATRIS SPICATA	MARSH BLAZING STAR	
1.4%	HELIOPSIS HELIANTHODES, PA ECOTYPE	OXEYE SUNFLOWER, PA ECOTYPE	
1.2%	ASCLEPIAS TUBEROSA, PA ECOTYPE	BUTTERFLY MILKWEED, PA ECOTYPE	
1.1%	PHYRANTHEMUM TENUIFOLIUM	NARROWLEAF MOUNTAINMINT	
1.0%	ASCLEPIAS INCARNATA, PA ECOTYPE	SWAMP MILKWEED, PA ECOTYPE	
1.0%	ERYNGIUM YUCCIFOLIUM, OH ECOTYPE	RATTLESNAKE MASTER, OH ECOTYPE	
1.0%	ESCHSCHOLZIA CALIFORNICA	CALIFORNIA ORANGE POPPY	
1.0%	PAPAVER RHOEAS, RED	CORN POPPY, RED	
1.0%	RATIBIDA PINNATA, OH ECOTYPE	GREY HEADED CONEFLOWER, OH ECOTYPE	
0.8%	PENSTEMON DIGITALIS, PA ECOTYPE	TALL WHITE BEARDTONGUE, PA ECOTYPE	
0.7%	COREOPSIS TINCTORIA	PLANS COREOPSIS	
0.6%	ZIZIA AUREA, PA ECOTYPE	GOLDEN ALEXANDERS, PA ECOTYPE	
0.5%	ERAGROSTIS SPECTABILIS, RI ECOTYPE	PURPLE LOVEGRASS, RI ECOTYPE	
0.5%	MONARDA FISTULOSA, FORT INDIANTOWN GAP-PA ECOTYPE	WILD BERGAMOT, FORT INDIANTOWN GAP-PA ECOTYPE	
0.4%	SOLIDAGO NEMORALIS, PA ECOTYPE	GRAY GOLDENROD, PA ECOTYPE	
0.4%	TRIDESCANZIA OHENSIS, PA ECOTYPE	OHIO SPIDERWORT, PA ECOTYPE	
0.3%	ASTER OBLONGIFOLIUS, PA ECOTYPE	AROMATIC ASTER, PA ECOTYPE	
0.2%	ASTER LAEVIS, NY ECOTYPE	SMOOTH BLUE ASTER, NY ECOTYPE	
0.2%	ASTER NOVAE-ANGLIAE, PA ECOTYPE	NEW ENGLAND ASTER, PA ECOTYPE	
0.2%	OENOTHERA FRUTICOSA VAR. FRUTICOSA	SUNDRIPS	
0.1%	ASTER PILOSUS, PA ECOTYPE	HEATH ASTER, PA ECOTYPE	
0.1%	SOLIDAGO BICOLOR, PA ECOTYPE	WHITE GOLDENROD, PA ECOTYPE	
0.1%	SOLIDAGO ODORA, PA ECOTYPE	LICORICE SCENTED GOLDENROD, PA ECOTYPE	

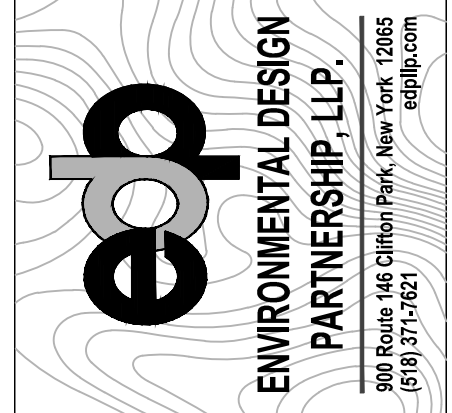
*AREAS OUTSIDE OF FENCE TO BE SEEDDED WITH ERNMX - 179 OR OWNER APPROVED EQUAL AT A RATE OF 30 LB PER ACRE. BETWEEN DECEMBER 1ST THROUGH APRIL 1ST, EACH TYPE OF SEED SHALL HAVE AN ADDITIONAL 1 LB PER 1,000 SF OF WINTER RYEGRASS OR GRAIN RYE GRASS SEED INCLUDED

PLANTING SCHEDULE					
KEY	COMMON	BOTANICAL	SIZE	NO.	SPACING
MP	GRAY DOGWOOD	CORNUS RACEMOSA	3'-4' HT	78	6' O.C. & STAGGERED
QC	SCARLET OAK	QUERCUS COCCINEA	12'-14' HT	12	45' O.C.
VC	COMMON ELDERBERRY	SAMBUCUS	5-7 GALLON	68	6' O.C. & STAGGERED
JV	EASTERN RED CEDAR	JUNIPERUS VIRGINIANA	6'-8' HT	236	18' O.C.**
PR	WHITE PINE	PINUS STROBUS	8-10' HT	202	20' O.C. & STAGGERED
QI	SCRUB OAK	QUERCUS ILICIFOLIA	3'-4' HT	11	45' O.C.

*NO. DENOTES TOTAL NUMBER OF PROPOSED PLANTINGS FOR ENTIRE SITE PLAN
**UNLESS OTHERWISE NOTED
FOR MUNICIPAL APPROVAL ONLY - NOT INTENDED FOR CONSTRUCTION



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Rev	Issued For	Date
A	PRELIM. PLAN SET	5/22/2023
B	INTERNAL COMMENTS	8/10/2023
C	INTERNAL COMMENTS	9/15/2023
D	ACCESS ROAD REVISIONS	10/27/2023
E	ACCESS ROAD REVISIONS	11/17/2023
F	INTERNAL REVISIONS	11/30/2023
G	REVISIONS PER TDC COMMENTS	1/29/2024

P.E. seal/Consultant

WILSON HILL SOLAR
469 Wilson Hill Road
Hoosick Falls, NY 12090

PLANTING PLAN
NOT FOR CONSTRUCTION
Scale: As Shown Approved by: STA
Drawn by: BMW

Dwg No: L-100 Size: D Sheet Rev: G