

Mill Point Solar I Project
Visual Impact Assessment

**Revised
Attachment 1
Site Plan***

** An abbreviated version of this plan has been provided. Information not critical to the assessment of visual impacts has been removed. A complete plan is provided in the 94-c application in the following location: Revised Exhibit 5, Revised Appendix 5-1.*

MILL POINT SOLAR I PROJECT

TOWN OF GLEN
MONTGOMERY COUNTY, NEW YORK
LAT: N042° 54' 38"
LONG: W074° 21' 60"

PREPARED FOR:
CONNECTGEN MONTGOMERY COUNTY LLC
1001 MCKINNEY ST., SUITE 700
HOUSTON, TX 77002

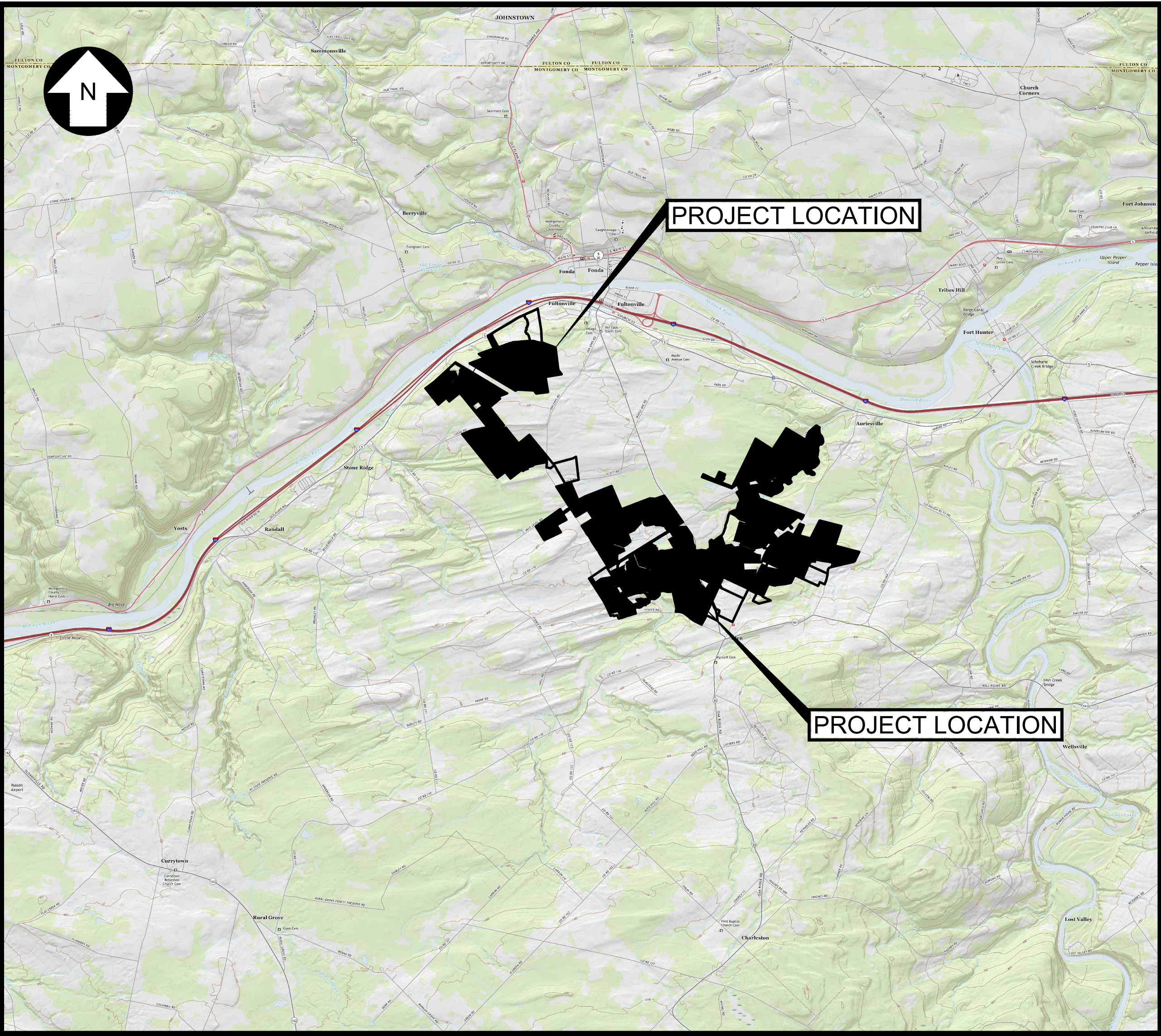
CIVIL ENGINEER:
TRC ENGINEERS, LLC
249 WESTERN AVE.
AUGUSTA, ME 04330
CERTIFICATE OF AUTHORIZATION: 001817

ELECTRICAL ENGINEER:
TRC ENGINEERS, LLC
249 WESTERN AVE.
AUGUSTA, ME 04330
CERTIFICATE OF AUTHORIZATION: 001817

GEOTECHNICAL ENGINEER:
TRC ENGINEERS, LLC
16000 COMMERCE PARKWAY, SUITE B
MOUNT LAUREL, NJ 08054
CERTIFICATE OF AUTHORIZATION: 001817

ENVIRONMENTAL SERVICES:
TRC ENVIRONMENTAL, LLC
3 CORPORATE DRIVE, SUITE 202
CLIFTON PARK, NY 12065

SURVEY PROVIDED BY:
THEW ASSOCIATES PLLC
6431 US HIGHWAY 11
CANTON, NY 13617



LOCATION MAP
N.T.S.

ENGINEERS OF RECORD:
THE CIVIL ENGINEERING AND LANDSCAPING PLANS
WERE PREPARED UNDER THE DIRECTION OF
PATRICK M MARTIN, PE (NY 100151, EXP. 6/30/2024)

THE TRANSMISSION ENGINEERING PLANS WERE
PREPARED UNDER THE DIRECTION OF KEVIN
MARTIN, PE (NY 099090)

UNDER NEW YORK STATE EDUCATION LAW ARTICLE
145 (ENGINEERING), SECTION 7209 (2), IT IS A
VIOLATION OF THE LAW FOR ANY PERSON, UNLESS
ACTING UNDER THE DIRECTION OF A LICENSED
PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.



PRELIMINARY
NOT FOR CONSTRUCTION



249 Western Avenue
Augusta, ME 04330

PROJECT NO: 443269

REFERENCE ITEMS	REV	DESCRIPTION	DATE	DES	CHK	APP
	D	RE-ISSUED FOR 94-C DEFICIENCY SUPPLEMENT	07/25/2024	CMW	PMM	PMM
	C	REVISED PER ORES REVIEW COMMENTS	06/28/2024	CMW	PMM	PMM
	B	ISSUED FOR 94-C DEFICIENCY SUPPLEMENT	05/31/2024	CMW	PMM	PMM
	A	ISSUED FOR 94-C	01/15/2024	CMW	PMM	PMM

GENERAL DRAWING INDEX:

MPS-C-100-01	COVER SHEET
MPS-C-100-02 & MPS-C-100-03	GENERAL NOTES & LEGEND
MPS-C-100-04 - MPS-C-100-08	OVERALL SITE LAYOUT & KEY SHEETS

CIVIL DRAWING INDEX:

MPS-C-101-01 - MPS-C-101-46	EXISTING CONDITIONS & CLEARING PLAN
MPS-C-102-01 - MPS-C-102-46	SITE AND GRADING PLAN
MPS-C-103-01 - MPS-C-103-03	EROSION & SEDIMENTATION CONTROL DETAILS
MPS-C-104-01	ARRAY, RACKING & EQUIPMENT PAD DETAILS
MPS-C-105-01	FENCING DETAILS
MPS-C-106-01 - MPS-C-106-07	ACCESS ROAD & ENTRANCE DETAILS
MPS-C-107-01 - MPS-C-107-03	GRADING & DRAINAGE DETAILS

COLLECTION SYSTEM DRAWING INDEX:

MPS-E-400-00	COVER SHEET
MPS-E-400-01	OVERALL SITE PLAN
MPS-E-401-01 - MPS-E-401-19	ARRAY PLAN
MPS-E-402-01	TYPICAL DC SINGLE LINE DIAGRAM
MPS-E-403-01	SINGLE-AXIS TRACKER DETAILS
MPS-E-404-01	INVERTER SKID PLAN AND ELEVATION
MPS-E-405-01	O & M BUILDING PLAN AND ELEVATIONS
MPS-E-406-01	EQUIPMENT DATA SHEETS
MPS-E-407-01	DC TRENCH DETAILS
MPS-E-600-01	COVER SHEET
MPS-E-601-01	MV SINGLE LINE DIAGRAM
MPS-E-601-02	MV SINGLE LINE WIRE SCHEDULES
MPS-E-602-01	TRENCH, BORE, AND SECTIONALIZER DETAILS
MPS-E-602-02	DIRECTIONAL BORE DETAILS
MPS-E-603-01	DIRECTIONAL BORE CREEK CROSSINGS PLAN & PROFILES

LANDSCAPING DRAWING INDEX:

MPS-L-100-01	LANDSCAPE COVER SHEET
MPS-L-100-02 - MPS-L-100-05	OVERALL LANDSCAPE PLAN
MPS-L-101-01 - MPS-L-101-46	LANDSCAPE PLAN
MPS-L-102-01	GENERAL LANDSCAPE NOTES & DETAILS
MPS-L-103-01	TYPE A PLANTING TEMPLATE
MPS-L-103-02 - MPS-L-103-06	TYPE A PLANT SCHEDULES
MPS-L-103-07 - MPS-L-103-08	TYPE A COORDINATE TABLES
MPS-L-103-09	TYPE B PLANTING TEMPLATE
MPS-L-103-10 - MPS-L-103-13	TYPE B PLANT SCHEDULES
MPS-L-103-14 - MPS-L-103-15	TYPE B COORDINATE TABLES
MPS-L-103-16 - MPS-L-103-17	TYPE C COORDINATE TABLES
MPS-L-103-18	TYPE C PLANT SCHEDULES

SUBSTATION DRAWING INDEX:

MPS-E-200-00	COVER SHEET
MPS-E-201-00	ONE-LINE DIAGRAM
MPS-E-210-01	COLLECTOR SUBSTATION GENERAL ARRANGEMENT
MPS-E-210-02	COLLECTOR SUBSTATION SECTION A-A & B-B
MPS-E-210-03	COLLECTOR SUBSTATION SECTION C-C
MPS-E-210-04	COLLECTOR SUBSTATION CONTROL HOUSE ELEVATION
MPS-E-210-10	POI SWITCHYARD GENERAL ARRANGEMENT
MPS-E-210-11	POI SWITCHYARD SECTIONS A-A & B-B
MPS-E-210-12	POI SWITCHYARD SECTION C-C
MPS-E-210-13	POI SWITCHYARD SECTIONS D-D & E-E
MPS-E-210-14	POI SWITCHYARD SECTIONS F-F, G-G, H-H, & J-J
MPS-E-210-15	PERIMETER FENCE AND WALL ERECTION DETAILS
MPS-E-210-16	COLLECTOR PERIMETER WALL/FENCE DETAIL
MPS-E-210-20	COLLECTOR SUBSTATION CONTROL HOUSE LAYOUT
MPS-E-210-21	345KV COLLECTOR SUBSTATION LIGHTING PLAN
MPS-E-210-22	345KV POI SWITCHYARD LIGHTING PLAN

TRANSMISSION DRAWING INDEX:

MPS-T-101-01	TRANSMISSION LINE INTERCONNECTION PLAN
MPS-T-101-02	GENERATOR INTERCONNECTION PLAN
MPS-T-102-01	TRANSMISSION LINE INTERCONNECTION PLAN & PROFILE
MPS-T-102-02	GENERATOR INTERCONNECTION PLAN & PROFILE
MPS-T-103-01	HE.ST.D3.MOD 3-STEEL POLE DEADEND
MPS-T-103-02	V1.ST.D1.MOD 756KV VERTICAL STEEL POLE DEADEND
MPS-T-103-03	V1.ST.D1.MOD 345KV VERTICAL STEEL POLE DEADEND



CMW
DESIGNED
CMW
DRAWN
PMM
CHECKED
APPROVED

MILL POINT SOLAR I PROJECT
CONNECTGEN MONTGOMERY COUNTY LLC
COVER SHEET

GLEN

NEW YORK

01/15/2024
DATE
AS NOTED
SCALE



MPS-C-100-01

REV.
D

GENERAL NOTES:

SURVEY NOTES:

- PRELIMINARY SURVEY PROVIDED BY THEW ASSOCIATES PLLC, DATED 08/06/2021.
- THIS SURVEY IS REFERENCED HORIZONTALLY TO THE NORTH AMERICAN DATUM OF 1983, 2011 ADJUSTMENT (NAD83/2011), PROJECTED ON THE NEW YORK STATE PLANE COORDINATE SYSTEM (EAST ZONE) AND VERTICALLY TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
- NORTH ARROW AS SHOWN INDICATES GRID NORTH REFERENCED TO NAD83 AND PROJECTED ON THE NEW YORK STATE PLANE COORDINATE SYSTEM (EAST ZONE).
- THE SUBSURFACE UTILITIES SHOWN HEREON ARE OF QUALITY LEVEL "C" AS DEFINED BY THE AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE) IN THE "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA". THE SUBSURFACE UTILITIES SHOWN HEREON ARE BASED ON PHYSICAL EVIDENCE LOCATED DURING THE FIELD SURVEY AND EXISTING UTILITY DRAWINGS. THE SURVEYOR FURTHER DOES NOT WARRANT OR CERTIFY THAT THE SUBSURFACE UTILITIES ARE IN THE EXACT LOCATION INDICATED ALTHOUGH THEY CERTIFY THAT THE UTILITIES ARE DEPICTED AS ACCURATELY AS POSSIBLE FROM THE INFORMATION AVAILABLE. THIS SURVEYOR HAS NOT PHYSICALLY LOCATED THE SUBSURFACE UTILITIES.
- ELEVATIONS AND CONTOURS SHOWN REFERENCE THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88-GEOD12B) AND ARE BASED ON PUBLICLY AVAILABLE LIDAR.
- WETLAND BOUNDARY INFORMATION PROVIDED BY TRC ENVIRONMENTAL, LLC.
- ZONING BOUNDARY INFORMATION OBTAINED FROM THE TOWN OF GLEN SOLAR LAW, ADOPTED NOVEMBER 2020.
- SOILS INFORMATION FROM USDA-NRCS WEB SOIL SURVEY MONTGOMERY COUNTY, NY DATED AUGUST 2021.
- FLOOD ZONE CLASSIFICATION:
THE SITE LIES IN ZONE X - AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN, AS SHOWN ON THE FOLLOWING MAPS:

36057C0159E - DATED JANUARY 19, 2018
36057C0166E - DATED JANUARY 19, 2018
36057C0170E - DATED JANUARY 19, 2018
36057C0187E - DATED JANUARY 19, 2018
36057C0190E - DATED JANUARY 19, 2018 (NOT PRINTED)

REMOVAL NOTES:

- TREE REMOVAL SHALL BE IN CONFORMANCE WITH THE EXISTING CONDITIONS & CLEARING PLAN.
- IN AREAS INDICATED FOR SELECTIVE TREE CLEARING, ONLY TREES OVER THE MAXIMUM HEIGHT INDICATED SHALL BE CUT DOWN. ONLY HAND CUTTING SHALL BE ALLOWED. LEAVE TIMBER IN PLACE UNLESS OTHERWISE DIRECTED BY THE CONSTRUCTION PLANS OR ENVIRONMENTAL MONITOR.
- TREES AND OTHER VEGETATION MAY BE REDUCED TO CHIPS BY THE USE OF CHIPPING MACHINES OR STUMP GRINDER AND USED AS REQUIRED FOR EROSION CONTROL. ALL OTHER CHIPS AND WOOD WASTE RESULTING FROM REMOVAL OPERATIONS SHALL BE DISPOSED OF OFF-SITE AT A FACILITY AND IN A MANNER APPROVED BY THE OWNER.
- ALL EXISTING DEBRIS, RUBBISH, AND ABANDONED ITEMS SHALL BE REMOVED FROM THE SITE AND PROPERLY DISPOSED OF OFF-SITE IN STRICT ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.
- ALL DEMOLITION WASTE, DEBRIS AND RUBBISH SHALL BE PROPERLY REMOVED FROM THE SITE AS IT OCCURS. ALL MATERIALS SHALL BE PROPERLY DISPOSED OF OFF-SITE IN STRICT ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.
- TAKE NECESSARY PRECAUTIONS TO AVOID DAMAGE TO EXISTING IMPROVEMENTS AND FACILITIES TO REMAIN IN PLACE. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND REPLACEMENT OF DAMAGED ITEMS AS A RESULT OF CONSTRUCTION OF THE PROPOSED IMPROVEMENTS.
- TIME OF YEAR RESTRICTIONS: T&E WINTERING HABITAT, WORK WILL BE CONDUCTED ONLY BETWEEN APRIL 1 AND NOVEMBER 14. ANY TREE CLEARING WILL BE CONDUCTED BETWEEN NOVEMBER 1 AND MARCH 31. IF CONSTRUCTION ACTIVITIES CANNOT BE AVOIDED DURING THESE TIMEFRAMES, THE PROJECT WILL FOLLOW APPLICABLE UNIFORM STANDARDS AND CONDITIONS OUTLINED IN SECTION 900-6.4(O)(4) OF THE 94-C REGULATIONS.

CONTRACTOR NOTES:

- UNLESS INDICATED OTHERWISE, REFER TO THE LATEST EDITION OF THE STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS FOR GENERAL REQUIREMENTS, PRODUCTS AND EXECUTION RELATED TO CONSTRUCTION OF BUT NOT LIMITED TO: CLEARING, GRUBBING, ROADS, UTILITY TRENCH EXCAVATION, BORROW, SUBGRADE, SUBBASE, GRANULAR FILL, AND AGGREGATE BASE.
- PRIOR TO THE START OF CONSTRUCTION THE CONTRACTOR SHALL MARK OR DELINEATE THE FOLLOWING PROJECT FEATURES USING APPROPRIATE MEANS, INCLUDING BUT NOT LIMITED TO LATH MARKERS, SURVEYORS RIBBON, PIN FLAGS, BARRIER FENCE, OR SUITABLE EQUIVALENT:
A. PROPOSED FACILITY COMPONENTS DEPICTED ON THE CONSTRUCTION DRAWINGS
B. STREAMS AND WETLANDS
C. VEHICLE TRAVEL CORRIDORS, STREAM CROSSING LOCATIONS
D. LIMITS OF CLEARING AND DISTURBANCE
E. PROTECTED CULTURAL AND NATURAL RESOURCES
- THE CONTRACTOR SHALL NOTE THE CONDITION OF ANY EXISTING FEATURES NOT INDICATED FOR REMOVAL THAT MAY BE IMPACTED BY PROJECT CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ANY DAMAGED FEATURES AT THEIR EXPENSE.
- DISRUPTION TO REGULATED WETLANDS AND PROTECTED HABITAT SHALL BE MINIMIZED. THE CONTRACTOR SHALL NOTIFY NYSDEC'S FIELD REPRESENTATIVE, THE DPS STAFF REPRESENTATIVE, AND THE APPLICANT'S REPRESENTATIVE OF ANY ACTIVITIES THAT VIOLATE OR MAY VIOLATE EITHER THE TERMS OF THE CERTIFICATE OR THE ENVIRONMENTAL CONSERVATION LAW. DPS AND DEC STAFFS' FIELD REPRESENTATIVES WILL WORK COOPERATIVELY TO DETERMINE WHETHER STOP WORK AUTHORITY WILL BE EXERCISED, OR WHETHER TO DIRECT THE APPLICANT TO TAKE ACTION TO FURTHER MINIMIZE IMPACTS TO STREAMS AND WETLANDS.
- RESTRICTED ACTIVITIES PERTAIN TO A BUFFER ZONE OF 100 FEET ON EITHER SIDE OF THE BOUNDARIES OF WATER-RELATED RESOURCES (STREAMS, WETLANDS, SPRINGS, WELLS, DRAINAGE, ETC.) AND INCLUDE THE FOLLOWING RESTRICTIONS:
A. NO DEPOSITION OF SLASH WITHIN IDENTIFIABLE STREAM CHANNELS OR WOOD CHIPS WITHIN 100 FEET OF STATE JURISDICTIONAL WETLANDS AND 25 FEET OF FEDERAL JURISDICTIONAL WETLANDS;
B. NO UNNECESSARY REMOVAL OF WOOD VEGETATION WITHIN WETLAND AND STREAM BUFFERS OR DEGRADATION OF STREAM BANKS;
C. NO EQUIPMENT WASHING OR REFUELING EXCEPT AS SPECIFICALLY PERMITTED BY THE FINAL PROJECT DOCUMENTS;

- D. AND NO STORAGE, MIXING, OR HANDLING OF ANY PETROLEUM OR CHEMICAL MATERIALS IN OPEN CONTAINERS.
- AT THE END OF EACH WORK DAY ALL EQUIPMENT AND MACHINERY SHALL BE STORED AND SAFELY CONTAINED MORE THAN 100 FEET LANDWARD OF ANY REGULATED WETLAND OR WATER BODY.
- FUEL AND OTHER CHEMICAL STORAGE TANKS SHALL BE CONTAINED AND LOCATED IN AREAS MORE THAN 300 FEET LANDWARD OF ANY REGULATED WETLAND OR WATER BODY.
- ALL MOBILE EQUIPMENT, EXCLUDING DEWATERING PUMPS, SHALL BE FUELED IN LOCATIONS THAT ARE A MINIMUM OF 100 FEET FROM THE TOP OF STREAM BANK, WETLAND, OR WATER BODY. DEWATERING PUMPS OPERATING CLOSER THAN 100 FEET FROM THE STREAM BANK WETLAND, OR WATER BODY MUST BE ON AN IMPERVIOUS SURFACE WITH ABSORBENTS CAPABLE OF CONTAINING ANY LEAKAGE OF PETROLEUM PRODUCTS.
- ALL EQUIPMENT USED WITHIN BED OR BANKS OF STREAMS OR IN REGULATED WETLANDS AND 100-FOOT WETLAND BUFFER ZONES MUST BE INSPECTED DAILY FOR LEAKS OF PETROLEUM, OTHER FLUIDS, OR CONTAMINANTS. EQUIPMENT FOUND TO BE LEAKING SHALL BE REMOVED FROM THE WORK SITE; LEAKS CONTAINED AND SPILLS CLEANED UP IMMEDIATELY.
- "AVOID, DO NOT CROSS" INDICATES THAT AN AREA DOES NOT HAVE A DESIGNATED ACCESS ROUTE AND THAT EQUIPMENT IS RESTRICTED FROM CROSSING OR OPERATING IN THAT AREA. THIS DESIGNATION IS APPLIED TO ALL WETLANDS, STREAMS, AND ASSOCIATED BUFFERS THAT DO NOT HAVE APPROVED EQUIPMENT ACCESS, AS INDICATED.
- THE NATIVE SUBSOIL AT THE PROJECT SITE MAY BE VERY SENSITIVE TO MOISTURE AND LOSE STRENGTH RAPIDLY WHEN EXPOSED TO WATER. THE CONTRACTOR SHALL UTILIZE APPROPRIATE WET WEATHER CONSTRUCTION TECHNIQUES DURING CONSTRUCTION OF THE FACILITY. WET WEATHER CONSTRUCTION TECHNIQUES MAY INCLUDE LIMITING EXPOSURE OF SUBSOILS TO THAT WHICH CAN BE COMPLETED OR COVERED BY THE END OF EACH WORKDAY; TEMPORARY CONSTRUCTION ROADS AND PLATFORMS BUILT WITH CONSTRUCTION MATTING OR GEOTEXTILES AND CRUSHED STONE; TEMPORARY FILL, AND OTHER METHODS.
- REFER TO THE PROJECT GEOTECHNICAL REPORT FOR MORE SPECIFIC CUT AND FILL CONSTRUCTION REQUIREMENTS.
- ALL VEHICLE TRAFFIC AND PARKING SHALL BE CONFINED TO THE ACCESS ROADS, DESIGNATED WORK AREAS, AND/OR DESIGNATED PARKING AND MATERIAL LAYDOWN AREAS.
- EXISTING FARM FENCES NOT INDICATED FOR REMOVAL SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION. WHERE EXISTING FENCE OR GATES MUST BE TEMPORARILY REMOVED OR ALTERED, TEMPORARY FENCING AND GATES SHALL BE PROVIDED TO MATCH THE FUNCTION OF THE EXISTING SYSTEM. AT THE END OF CONSTRUCTION, RESTORE THE FENCE AND GATE TO MATCH THAT EXISTING AT THE START OF THE WORK.
- THE CONTRACTOR SHALL IDENTIFY AND PROTECT ALL OIL/GAS WELLS AND PIPELINES DURING CONSTRUCTION ACTIVITIES.
- BLASTING IS PROHIBITED.

GENERAL ENVIRONMENTAL RESTRICTIONS:

- ALL EQUIPMENT ACCESS, STORAGE OF EQUIPMENT, MATERIALS, EMPLOYEE PARKING, AND OTHER CONSTRUCTION ACTIVITIES ARE RESTRICTED TO THE DESIGNATED ACCESS ROADS, LAYDOWN AREAS, SUBSTATION SITE, COLLECTION LINE AND TRANSMISSION LINE ROUTES AS INDICATED BY THE PROJECT DOCUMENTS.
- FUGITIVE DUST RESULTING FROM CONSTRUCTION ACTIVITIES SHALL BE MINIMIZED TO THE MAXIMUM EXTENT PRACTICAL BY IMPLEMENTING APPROPRIATE CONTROL MEASURES. THESE MEASURES INCLUDE THE APPLICATION OF MULCH, WATER, OR STONE ON ACCESS ROADS, EXPOSED SOILS, STOCKPILED SOILS, OR UNPAVED PUBLIC ROADS WHEN DRY, WINDY CONDITIONS EXIST. A WATERING VEHICLE (OR A VEHICLE CONTAINING AN APPROVED CHEMICAL TREATMENT) SHALL BE MADE AVAILABLE AS NEEDED.
- CONTRACTOR SHALL MAINTAIN ALL EQUIPMENT IN GOOD OPERATING CONDITION. ALL MOTORS AND ENGINES SHALL BE MUFFLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND SHALL COMPLY WITH STATE ENVIRONMENTAL LAW, SUBCHAPTER E, PART 450 (NOISE FROM HEAVY MOTOR VEHICLES). ANY FAULTY NOISE SUPPRESSOR SHALL BE REPAIRED OR REPLACED IMMEDIATELY. EQUIPMENT SHALL NOT BE LEFT RUNNING UNNECESSARILY. EXISTING TALL GROWING VEGETATION SHALL BE RETAINED TO THE MAXIMUM EXTENT PRACTICABLE, TO SERVE AS A NOISE BUFFER.
- CONSTRUCTION AND ROUTINE MAINTENANCE ACTIVITIES ON THE FACILITY SHALL BE LIMITED TO 7 A.M. TO 8 P.M. MONDAY THROUGH SATURDAY AND 8 A.M. TO 8 P.M. ON SUNDAY AND NATIONAL HOLIDAYS, WITH THE EXCEPTION OF CONSTRUCTION AND DELIVERY ACTIVITIES, WHICH MAY OCCUR DURING EXTENDED HOURS BEYOND THIS SCHEDULE ON AN AS-NEEDED BASIS.
- IN PROTECTED STREAMS WITH THE STANDARD OF SUPPORTING TROUT SPECIES, ALL INSTREAM WORK, AS WELL AS ANY WORK THAT MAY RESULT IN THE SUSPENSION OF SEDIMENT, IS PROHIBITED DURING THE TROUT SPAWNING AND INCUBATION PERIOD COMMENCING OCTOBER 1 AND ENDING MAY 31, UNLESS THE CERTIFICATE HOLDER RECEIVES PRIOR APPROVAL FROM THE DEC REGION 6 SUPERVISOR OF NATURAL RESOURCES.
- MINIMIZE VEGETATION REMOVAL WITHIN WETLANDS, WETLAND BUFFERS, AND STREAM BUFFERS (100 FEET FROM STATE REGULATED WETLANDS AND 25 FEET FROM OTHER WATER BODIES). VEGETATION TALLER THAN FIVE (5) FEET SHALL BE CUT TO A HEIGHT OF FIVE (5) FEET. VEGETATION SHORTER THAN FIVE (5) FEET SHALL NOT BE CLEARED OR CUT.
- WHERE REQUIRED, ONLY CLEARING BY HAND IS ALLOWED WITHIN WETLANDS, WETLAND BUFFERS, AND STREAM BUFFERS. NO STUMP REMOVAL OR GRUBBING SHALL OCCUR WITHIN ANY STATE JURISDICTIONAL STREAM OR WETLAND BUFFER, EXCEPT AT PERMANENT ACCESS ROAD CROSSING LOCATIONS.
- ALL FILL MATERIALS SHALL CONSIST OF CLEAN SOIL, SAND, AND/OR GRAVEL THAT IS FREE OF THE FOLLOWING SUBSTANCES: ASPHALT, SLAG, FLY ASH, DEMOLITION DEBRIS, BROKEN CONCRETE, GARBAGE, HOUSEHOLD REFUSE, TIRES, WOODY MATERIALS, AND METAL OBJECTS. REASONABLE EFFORTS SHALL BE MADE TO USE FILL MATERIALS THAT ARE VISUALLY FREE OF INVASIVE SPECIES BASED ON ONSITE AND SOURCE INSPECTIONS. THE INTRODUCTION OF MATERIALS TOXIC TO AQUATIC LIFE IS EXPRESSLY PROHIBITED.
- INDIRECT IMPACTS TO STREAMS AND WETLANDS SHALL BE CONTROLLED THROUGH THE EMPLOYMENT OF APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH APPROVED PROJECT STORMWATER POLLUTION PREVENTION PLAN (SWPPP). MEASURES TO BE EMPLOYED SHALL INCLUDE, BUT ARE NOT LIMITED TO, SILT FENCES, CHECK DAMS, MULCH, TEMPORARY SEEDING, AND OTHER PRACTICES AS OUTLINED IN THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL (LATEST EDITION).
- EXPOSED SOIL SHALL BE SEEDED AND/OR MULCHED AS SOON AS PRACTICABLE AFTER FINAL GRADING. TEMPORARY SEED AND MULCH SHALL BE USED DURING PERIODS OF PLANNED EXTENDED SHUT-DOWNS, INTERRUPTED CONSTRUCTION AND DURING PERIODS OF HOT WEATHER WHEN PERMANENT SEEDING IS LIKELY TO FAIL.
- IN THE EVENT THAT ARCHAEOLOGICAL MATERIALS, HUMAN REMAINS, OR EVIDENCE OF HUMAN BURIALS ARE ENCOUNTERED DURING CONSTRUCTION, ALL WORK IN THE VICINITY OF THE FIND SHALL BE IMMEDIATELY

HALTED AND THE "UNANTICIPATED DISCOVERY PLAN" SHALL BE IMPLEMENTED.

- THE CONTRACTOR SHALL LOCATE AND DISTRIBUTE EXCESS EXCAVATION MATERIAL IN NON-AGRICULTURE UPLAND AREAS (I.E., OUTSIDE OF WETLANDS, STREAMS, AND AGRICULTURAL FIELDS). WHERE PRACTICAL, SUCH MATERIAL SHALL BE USED AS ROAD FILL OR BACKFILL AROUND STRUCTURES. EROSION CONTROL PRACTICES SHALL BE INSTALLED, AND EXPOSED SOILS STABILIZED IN ACCORDANCE WITH THE SWPPP.
- EXCESS CONCRETE SHALL BE PROPERLY DISPOSED OF OFF SITE.

SPECIFIC WETLAND CROSSING RESTRICTIONS:

- EXCEPT WHERE CROSSED BY PERMANENT ROADS OR THROUGH USE OF TEMPORARY MATTING, STREAMS SHALL NOT BE CROSSED BY MOTORIZED EQUIPMENT. TEMPORARY ACCESS ACROSS WETLANDS SHALL BE REMOVED AT THE EARLIEST TIMEFRAME PRACTICAL.
- WORK WITHIN AND ACCESS ACROSS WETLANDS SHALL BE DESIGNED AND EXECUTED SO AS NOT TO ALTER THE PRE-DISTURBANCE FLOW REGIME.
- WETLAND TOPSOIL AND SUBSOIL SHALL BE SEGREGATED AND RETAINED FOR BACKFILL WITHIN THE WETLAND FROM WHICH IT ORIGINATED. WETLAND EXCAVATION SHALL BE BACKFILLED WITH SOILS TO MATCH NATURAL STRATA AND IN-SITU DENSITIES.
- DURING EXCAVATION IN WETLANDS, TEMPORARY SPOIL STOCKPILES SHALL BE PLACED ON GEOTEXTILE BLANKETS AND/OR CONSTRUCTION MATTING. FOLLOWING BACKFILL, ANY EXCESS SPOILS NOT USED AS STRUCTURE BACKFILL SHALL BE DISPOSED OF AT AN UPLAND SITE AS APPROVED BY THE ENVIRONMENTAL INSPECTOR (NO BACK-BLADING OR OTHERWISE SPREADING OF EXCESS SPOIL OVER THE WETLAND SURFACE SHALL BE PERMITTED).
- EROSION CONTROLS AND OTHER WETLAND PROTECTION MEASURES SHALL BE IMPLEMENTED AS SPECIFIED IN THE PROJECT SWPPP.
- THE CONTRACTOR SHALL INSTALL AND MAINTAIN SILT FENCING AND SEDIMENT BARRIERS AS INDICATED WHENEVER EXCAVATION OR FILLING ACTIVITIES OCCUR ADJACENT TO OR WITHIN STREAM AND WETLAND AREAS.

AGRICULTURAL LAND-RELATED RESTRICTIONS:

- AGRICULTURAL MITIGATION, RESTORATION, AND CLEAN UP MAY INCLUDE, BUT IS NOT LIMITED TO, THE FOLLOWING:
A. USE OF CONSTRUCTION MATTING,
B. CONSTRUCTION OF TEMPORARY ACCESS ROADS AND ACCESS ROAD REMOVAL,
C. TOPSOIL STRIPPING,
D. PLACEMENT OF GEOTEXTILE AND STONE BEARING LAYER,
E. REGRADING AND SPREADING PREVIOUSLY STRIPPED TOPSOIL,
F. SURFACE AND DEEP TILLAGE,
G. DRAINAGE SYSTEM REPAIR OR ALTERATION.
- IN ACTIVE LIVESTOCK-USE AREAS, ANY CHERRY TREE SLASH (TOXIC TO LIVESTOCK) GENERATED DURING CLEARING SHALL BE REMOVED AND DISPOSED OF SO AS NOT TO BE AVAILABLE TO LIVESTOCK.
- ANY WORK ON AGRICULTURAL LANDS SHALL INCLUDE THE FOLLOWING PRE-CONSTRUCTION TREATMENTS:
A. ALL TOPSOIL WILL BE PROTECTED BY APPROPRIATE MEANS, INCLUDING STRIPPING AND STOCKPILING.
B. UPON COMPLETION OF CONSTRUCTION ACTIVITIES, ALL IMPORTED MATERIAL SUCH AS GRAVEL SHALL BE COMPLETELY REMOVED FROM TEMPORARY CONSTRUCTION, AND THE UNDERLYING SOIL RESTORED AS PRESCRIBED BY PERMIT CONDITIONS.
- TEMPORARY GRAVEL ROADS, TEMPORARY CULVERTS, TIMBER MATS, AND SIMILAR TEMPORARY MEASURES SHALL BE REMOVED AND THE IMPACTED AREAS RESTORED WITHIN THE TIMEFRAME PRESCRIBED BY THE PERMIT.
- PERMANENT ACCESS ROADS SHALL BE CONSTRUCTED AS INDICATED ON THE FINAL CONSTRUCTION DRAWINGS.
- ALL TEMPORARY ACCESS ROUTES ACROSS AGRICULTURAL FIELDS SHALL BE THE MINIMUM WIDTH NECESSARY TO ACCOMMODATE CONSTRUCTION TRAFFIC.
- IMMEDIATELY FOLLOWING CONSTRUCTION ACTIVITY, THE WORK AREAS SHALL BE THOROUGHLY CLEARED OF ALL CONSTRUCTION DEBRIS, REFUSE AND METAL OBJECTS SUCH AS NUTS, BOLTS, SPIKES, WIRE, PIECES OF STEEL, AND OTHER ASSORTED ITEMS.
- LIMITS OF DISTURBANCE, LIMITS OF CLEARING, BUFFER DELINEATIONS AND OTHER TEMPORARY MARKINGS SHALL UTILIZE WOOD STAKES, BARRIER FENCES AND SIMILAR METHODS. NO PIN FLAGS SHALL BE USED IN AGRICULTURAL FIELDS.
- THE NEW YORK DEPARTMENT OF AGRICULTURE AND MARKETS (NYSAGM) GUIDELINES FOR AGRICULTURE AND MITIGATION FOR SOLAR POWER PROJECTS SHALL BE FOLLOWED TO THE EXTENT PRACTICABLE. WHEN DEVIATIONS FROM THE GUIDELINES ARE NECESSARY NYSAGM SHALL BE CONSULTED.
- ALL EXISTING DRAINAGE AND EROSION CONTROL FEATURES NOT INDICATED FOR REMOVAL INCLUDING BUT NOT LIMITED TO DRAINAGE DITCHES, DIVERSIONS, DRAIN TILE, CULVERTS ETC; SHALL BE AVOIDED OR PROTECTED FROM DAMAGE. ANY FEATURES DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO THEIR ORIGINAL CONDITION IMMEDIATELY.
- TOPSOIL STRIPPED FROM WORK SITES IN AGRICULTURAL AREAS SHALL BE SEGREGATED FROM OTHER SOIL PRODUCTS AND STOCKPILED IN AREAS IMMEDIATELY ADJACENT TO WHERE IT WAS REMOVED. THE TOPSOIL SHALL BE USED FOR RESTORATION OF THAT SITE.
- AT THE COMPLETION OF WORK, ALL DISTURBED AGRICULTURAL AREAS SHALL BE DECOMPACTED TO A DEPTH OF 18 INCHES PRIOR TO REPLACEMENT OF TOPSOIL. ALL ROCKS 4 INCH DIAMETER AND LARGER SHALL BE REMOVED.
- FOLLOWING DECOMPACTION OF SUBSOIL, TOPSOIL SHALL BE SPREAD, DECOMPACTED, ROCKS REMOVED,

AND SEEDED. SEED MIX SHALL BE IN ACCORDANCE WITH LAND OWNER REQUIREMENTS.

- SOIL DECOMPACTION SHALL USE A DEEP RIPPER, OR HEAVY DUTY CHISEL-FLOW. DECOMPACTION SOIL TO A MAX. COMPRESSIVE STRENGTH OF 250 PSI AS MEASURED USING A SOIL PENETROMETER.
- SOIL RESTORATION SHALL NOT OCCUR FROM OCTOBER 1 THROUGH MAY 30 UNLESS FAVORABLE, DRY SOIL CONDITIONS EXIST. CONCURRENCE OF THE ENVIRONMENTAL MONITOR SHALL BE OBTAINED PRIOR TO THE START OF RESTORATION ACTIVITIES.

NON-AGRICULTURAL LAND RESTRICTIONS:


- NON-AGRICULTURAL LAND MITIGATION, RESTORATION, AND CLEAN UP MAY INCLUDE, BUT IS NOT LIMITED TO, THE FOLLOWING:
A. TOPSOIL STRIPPING AND STOCKPILING,
B. USE OF CONSTRUCTION MATTING,
C. CONSTRUCTION OF TEMPORARY HAUL ROADS AND HAUL ROAD REMOVAL,
D. PLACEMENT AND COMPACTION OF STONE BEARING LAYER WITH OR WITHOUT GEOSYNTHETIC LAYER,
E. SURFACE TILLAGE,
F. REGRADING AND SPREADING PREVIOUSLY STRIPPED TOPSOIL,
G. DRAINAGE SYSTEM REPAIR OR ALTERATION.
- TEMPORARY GRAVEL ROADS, TEMPORARY CULVERTS, TIMBER MATS, AND SIMILAR TEMPORARY MEASURES SHALL BE REMOVED AND THE IMPACTED AREAS RESTORED WITHIN THE TIMEFRAME PRESCRIBED BY THE PERMIT.
- RESTORATION OF DISTURBED AREAS, TEMPORARY ROADS AND WORK PLATFORMS ON NON-AGRICULTURAL LANDS SHALL INCLUDE THE FOLLOWING PRE- AND POST-CONSTRUCTION TREATMENTS:
A. TOPSOIL WITHIN CONSTRUCTION AREA SUBJECT TO VEHICLE TRAFFIC, MATERIAL STOCKPILING OR OTHER POTENTIALLY HARMFUL ACTIVITY SHALL BE STRIPPED AND STOCKPILED.
B. UPON COMPLETION OF CONSTRUCTION ACTIVITIES, ALL TEMPORARY ROADS AND WORK SITES SHALL BE SCARIFIED/DECOMPACTED AND STOCKPILED SOIL SPREAD AND THE AREA STABILIZED AND RE-VEGETATED.
C. APPROVED SWPPP/ESC CONTROLS, INCLUDING BIODEGRADABLE MEASURES, SHALL BE PROVIDED AND SHALL REMAIN IN PLACE UNTIL THE RESTORED AREA HAS BEEN RE-VEGETATED.
- ACCESS ROUTES SHALL BE CONSTRUCTED AS INDICATED ON THE FINAL CONSTRUCTION DRAWINGS, WITH CONSTRUCTION ACTIVITIES RESTRICTED TO DESIGNATED CORRIDORS/RIGHTS-OF-WAY.
- ALL EXISTING DRAINAGE AND EROSION CONTROL FEATURES NOT INDICATED FOR REMOVAL INCLUDING BUT NOT LIMITED TO DRAINAGE DITCHES, DIVERSIONS, DRAIN TILE, CULVERTS ETC; SHALL BE AVOIDED OR PROTECTED FROM DAMAGE. ANY FEATURES DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO THEIR ORIGINAL CONDITION IMMEDIATELY.
- TOPSOIL STRIPPED FROM WORK SITES SHALL BE SEGREGATED FROM OTHER SOIL PRODUCTS AND STOCKPILED IN AREAS IMMEDIATELY ADJACENT TO WHERE IT WAS REMOVED. THE TOPSOIL SHALL BE USED FOR RESTORATION OF THAT SITE.



PRELIMINARY
NOT FOR CONSTRUCTION

REFERENCE ITEMS		REV	DESCRIPTION	DATE	DES	CHK	APP
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		C	REVISED PER ORES REVIEW COMMENTS	06/28/2024	CMW	PMM	PMM
		B	ISSUED FOR 94-C DEFICIENCY SUPPLEMENT	05/31/2024	CMW	PMM	PMM
		A	ISSUED FOR 94-C	01/15/2024	CMW	PMM	PMM



CMW DESIGNED	MILL POINT SOLAR I PROJECT			
CMW DRAWN	CONNECTGEN MONTGOMERY COUNTY LLC			
PMM CHECKED	GENERAL NOTES			
- APPROVED	GLEN		NEW YORK	
- REVIEW 1	01/15/2024 DATE		MPS-C-100-02	REV.
- REVIEW 2	AS NOTED SCALE			D

EROSION & SEDIMENT CONTROL NOTES:

1. EROSION AND SEDIMENTATION CONTROL MEASURES FOR THIS PROJECT SHALL BE INSTALLED AND MAINTAINED IN FULL COMPLIANCE WITH THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) PREPARED FOR THE PROJECT IN ACCORDANCE WITH NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION STATE DISCHARGE POLLUTANT ELIMINATION SYSTEM GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITY (GP-0-20-001).
2. REFER TO THE CONSTRUCTION SEQUENCE IN THE SWPPP.
3. THE CONTRACTOR SHALL INSTALL EROSION AND SEDIMENT CONTROL PRACTICES IN ACCORDANCE WITH THE DESIGN AND SWPPP THROUGHOUT ALL PHASES OF CONSTRUCTION.
4. CONSTRUCTION ENTRANCES SHALL BE INSTALLED FOR THE ACCESS ROUTES AT EACH JUNCTION WITH A PUBLIC ROAD UNLESS OTHERWISE INDICATED.
5. INSTALL SILT FENCE ON THE DOWNSLOPE SIDE OF DISTURBED AREAS AS NECESSARY.
6. PLACE CHECK DAMS IN ALL SWALES/DITCHES INDICATED OR DIRECTED IN ACCORDANCE WITH THE 2016 NYS STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL (NYSDEC "BLUE BOOK").
7. THE CONTRACTOR SHALL PLACE SOIL AND EXCESS EXCAVATED EARTH IN TEMPORARY STOCK PILE AREAS THAT DO NOT INTERFERE WITH CONSTRUCTION ACTIVITIES, STORMWATER RUNOFF, AND ARE NOT IN ENVIRONMENTALLY SENSITIVE AREAS. STOCK PILES SHALL BE STABILIZED AS STIPULATED OR DIRECTED.
8. ALL DISTURBED AREAS SHALL BE STABILIZED PER THE NYS STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.
9. AFTER CONSTRUCTION IS COMPLETE, THE CONTRACTOR SHALL DE-COMPACT, ROUGH GRADE, RE-APPLY STOCKPILED TOPSOIL, FINE GRADE, SEED, AND MULCH ALL DISTURBED AREAS PLANNED FOR VEGETATIVE COVER.
10. CONSTRUCTION WORK AREAS AND ACCESS ROUTES MAY BE IMPROVED AS NECESSARY TO ALLOW CONSTRUCTION ACCESS. ANY IMPROVEMENTS, UNLESS DEEMED PERMANENT, MUST BE REMOVED OR RESTORED AT THE COMPLETION OF CONSTRUCTION.
11. THE CONTRACTOR IS RESPONSIBLE FOR THE PLACEMENT, DESIGN, AND OPERATION OF CONCRETE WASHOUTS. THE CONCRETE WASHOUTS SHALL BE INSTALLED A MINIMUM OF 100 FEET AWAY FROM ANY WETLAND, WATERBODY, OR STREAM, AND LOCATED OUTSIDE WETLAND ADJACENT AREAS TO THE MAXIMUM EXTENT PRACTICABLE. DISPOSAL OF WASTE CONCRETE OR WASH WATER SHALL BE AT LEAST 100 FEET FROM ANY WETLAND, WATERBODY, OR STREAM. CONCRETE WASTE MATERIAL SHALL NOT BE ALLOWED TO DISCHARGE FROM THE CONCRETE WASHOUT.
12. EROSION CONTROL FEATURES INDICATED ON THE DRAWINGS ARE THE MINIMUM REQUIRED. THE CONTRACTOR SHALL DEPLOY ADDITIONAL CONTROLS AS NECESSARY, PARTICULARLY FOR THOSE ITEMS CONSTRUCTED DURING WINTER MONTHS OR WHICH DO NOT HAVE AN ADEQUATE STAND OF VEGETATIVE GROUND COVER.

TOWN OF GLEN ZONING SUMMARY - SOLAR LAW REQUIREMENTS

DIMENSION	REQUIRED	PROVIDED
MAXIMUM HEIGHT (ALL STRUCTURES)	20 FEET	
MINIMUM FRONT YARD SETBACK	500 FEET	100 FEET
MINIMUM SIDE YARD SETBACK	500 FEET	50 FEET
MINIMUM REAR YARD SETBACK	500 FEET	100 FEET
MINIMUM ACCESS ROAD WIDTH	NO REQUIREMENT	20 FEET
MINIMUM SECURITY FENCE HEIGHT	7'-0"	7'-0"

94-C SETBACK REQUIREMENTS FOR SOLAR FACILITY COMPONENTS

DIMENSION	REQUIRED	PROVIDED
MAXIMUM HEIGHT (SOLAR ARRAY)	20 FEET	
NON-PARTICIPATING RESIDENTIAL PROPERTY LINES	100 FEET	100 FEET
CENTERLINE OF PUBLIC ROADS	50 FEET	50 FEET
NON PARTICIPATING NON-RESIDENTIAL PROPERTY LINES	50 FEET	50 FEET
NON-PARTICIPATING OCCUPIED RESIDENCES	250 FEET	250 FEET

SOILS DATA

SYMBOL	NAME	SLOPE	HSG
ApB	APPLETON SILT LOAM	3-8%	B/D
AtC	ARNOT CHANNERY SILT	8-15%	D
AtD	ARNOT CHANNERY SILT	15-25%	D
AvB	ARNOT-ANGOLA CHANNERY SILT LOAMS	3-8%	D
AZF	ARNOT-ROCK OUTCROP	VERY STEEP	D
Br	BROCKPORT SILT LOAM	-	D
CFL	CUT AND FILL LAND	-	A
ChB	CHURCHVILLE SILTY CLAY LOAM	3-8%	C/D
DaB	DARIEN SILT LOAM	3-8%	C/D
FL	FLUVAQUENTS, LOAMY	-	B/D
HoB	HORNELL SILT LOAM	3-8%	D
LaB	LANSING SILT LOAM	3-8%	B
LaC	LANSING SILT LOAM	8-15%	B
LaD	LANSING SILT LOAM	15-25%	B
LMF	LANSING AND MOHAWK SOILS	25-60%	B
Md	MADALIN SILTY CLAY LOAM	-	D
MmB	MANHEIM SILT LOAM	3-8%	C/D
MsC	MOHAWK SILT LOAM	8-15%	B
PaB	PALATINE SILT LOAM	3-8%	C
PaD	PALATINE SILT LOAM	15-25%	C
Tu	TULLER CHANNERY SILT LOAM	-	D

SOILS INFORMATION OBTAINED FROM NRCS MEDIUM INTENSITY SOIL SURVEY OF MONTGOMERY COUNTY, NY DATED AUGUST 2021, DOWNLOADED FROM THE NRCS WEB SOIL SURVEY WEBSITE.

TEMPORARY STABILIZATION SEED MIXTURE

MIXTURE %	COMMON NAME	BOTANICAL NAME
15.0%	SHEEP FESCUE	FESTUCA OVINA
17.7%	ORCHARDGRASS, 'PENNLATE"	DACTYLIS GLOMERATA
21.0%	MEADOW FESCUE	FESTUCA ELATIOR
25.5%	KENTUCKY BLUEGRASS, 'GINGER' (PASTURE TYPE)	POA PRATENSIS
5.4%	ALSIKE CLOVER	TRIFOLIUM HYBRIDUM
5.0%	CRIMSON CLOVER	TRIFOLIUM INCARNATUM
4.5%	RED CLOVER	TRIFOLIUM PRATENSE
1.3%	OXEYE DAISEY	CHRYSANTHEMUM LEUCANTHEMUM
1.3%	BLUE CHICORY	CICORIUM INTYBUS
0.8%	PARTRIDGE PEA	CHAMAECRISTA FASCICULATA
0.4%	AROMATIC ASTER	ASTER PRENANTHOIDES
0.4%	ZIGZAG ASTER	ASTER PRENANTHOIDES
0.4%	LANCELEAF COREOPSIS	COREOPSIS LANCEOLATA
0.4%	OHIO SPIDERWORT	TRADESCANTIA OHIENSIS
0.4%	GOLDEN ALEXANDERS	ZIZIA AUREA
0.3%	GRAY GOLDENROD	SOLIDAGO NEMORALIS
0.1%	COMMON MILKWEED	ASCLEPIAS SYRIACA
0.1%	HAIRY BEARDTONGUE	PENSTEMON HIRSUTUS

APPLICATION RATE SHALL BE APPROXIMATELY 42 LBS PER ACRE, WITH A COVER CROP OF ANNUAL RYEGRASS AT 12 LBS PER ACRE.

FINAL STABILIZATION SEED MIXTURE

NORTHEAST NATIVE GRASS SEED MIX: ROUNDSTONE NATIVE SEED - NY SOLAR NATIVE GRASS MIX

MIXTURE %	COMMON NAME	BOTANICAL NAME	RATE (LBS/ACRE)	RATE (LBS/1000 FT ²)
27.3%	SIDE OATS GRAMA	BOUTELOUA CURTIPENDULA	11	0.255
11.4%	VIRGINIA WILD RYE	ELYMUS VIRGINICUS		
4.0%	NIMBLEWILL	MUHLENBERGIA SCHREBERI		
2.3%	TALL DROPSEED	SPORDBOLUS COMPOSITUS		
2.3%	PRAIRIE DROPSEED	SPOROBOLUS HETEROLEPIS		
2.3%	FRANK'S SEDGE	CAREX FRANKIE		
2.3%	FOX SEDGE	CAREX VULPINOIDEA		
2.9%	JUNE GRASS	KOELERIA MACRANTHA		
9.1%	PURPLE TOP	TRIDENS FLAVUS		
36.4%	CREEPING RED FESCUE	FESTUCA RUBRA		

NURSE CROPS AND OTHER INTRODUCED SPECIES

86.5%	OATS	AVENA SATIVA	37	0.850
8.1%	BROWN TOP MILLET	PANICUM RAMOSUM		
5.4%	ANNUAL RYE GRASS	LOLIUM MULTIFLORUM		

APPLICATION RATE SHALL BE APPROXIMATELY 42 LBS PER ACRE, WITH A COVER CROP OF ANNUAL RYEGRASS AT 12 LBS PER ACRE.

NOTES:

1. INCORPORATE NATIVE GRASS SEED, NURSE CROPS AND OTHER INTRODUCED SPECIES ATA RATE OF 48 LBS/ACRE OR 1.1 LBS/1000 FT².
2. GRASS SEED MIXES ARE COMPRISED OF GRASSES THAT ARE NATIVE AND/OR INDIGENOUS TO THE AREA AND/OR CONSIDERED FAVORABLE FOR WILDLIFE HABITAT AND SUSTAINABLE GROWTH. ADDITIONALLY, THE SOLAR SEED MIX WAS DEVELOPED ESPECIALLY FOR NATIVE GRASS PLANTINGS AROUND SOLAR ARRAY FIELDS AND SHALL BE UTILIZED ACCORDINGLY. THESE GRASSES WILL MATURE TO A HEIGHT OF APPROXIMATELY 2 TO 2 1/2 FEET HIGH.



PRELIMINARY
NOT FOR CONSTRUCTION



249 Western Avenue
Augusta, ME 04330

PROJECT NO: 443269

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	A	ISSUED FOR 94-C	01/15/2024	CMW	PMM	PMM



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CHECKED
-
APPROVED

MILL POINT SOLAR I PROJECT
CONNECTGEN MONTGOMERY COUNTY LLC
GENERAL NOTES

GLEN

NEW YORK

01/15/2024
DATE
AS NOTED
SCALE

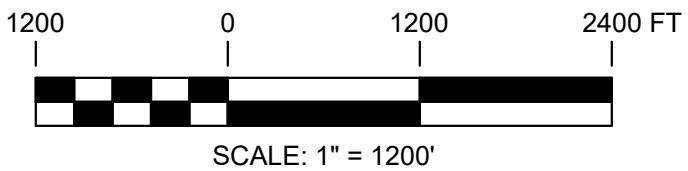


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NOT FOR CONSTRUCTION



249 Western Avenue
Augusta, ME 04330

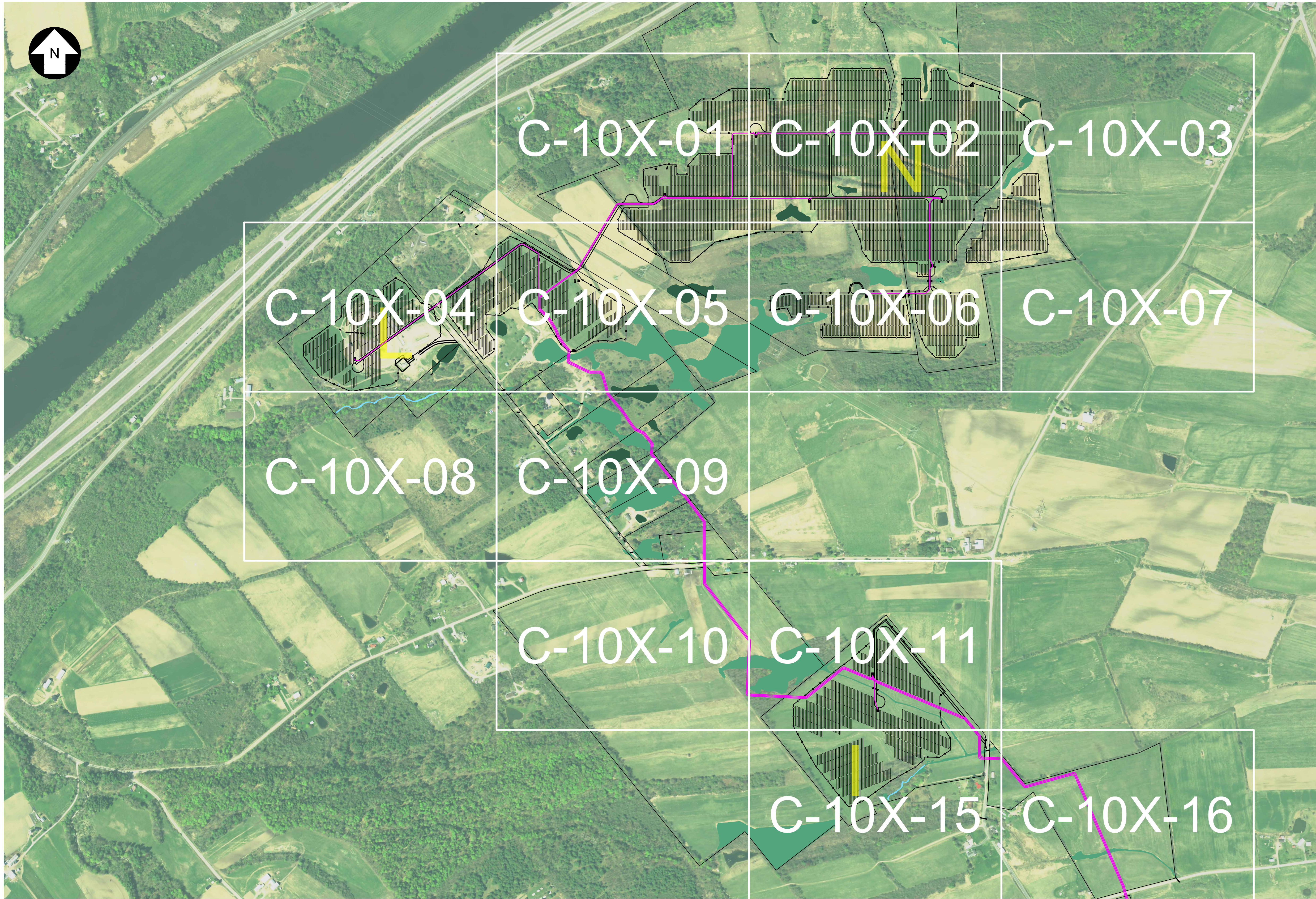
PROJECT NO: 443269

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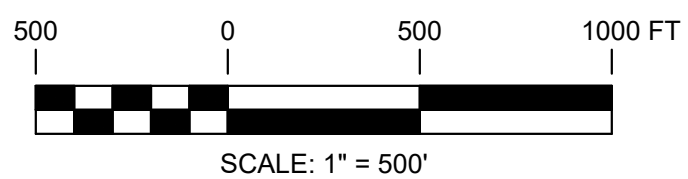


CMW DESIGNED
CMW DRAWN
PMM CHECKED
APPROVED
REVIEW 1
REVIEW 2

MILL POINT SOLAR I PROJECT CONNECTGEN MONTGOMERY COUNTY LLC OVERALL SITE PLAN		NEW YORK	
GLEN			
01/15/2024 DATE	1" = 1200' SCALE	TRC	MPS-C-100-04
			REV. D



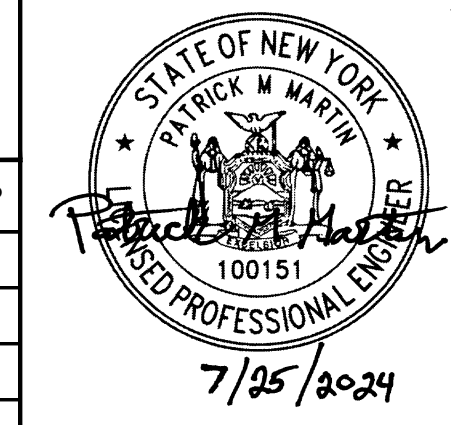
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249 Western Avenue
Augusta, ME 04330

PROJECT NO: 443269

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CMW DESIGNED
CMW DRAWN
PMM CHECKED
APPROVED
REVIEW 1
REVIEW 2

MILL POINT SOLAR I PROJECT
CONNECTGEN MONTGOMERY COUNTY LLC
OVERALL SITE PLAN

GLEN

NEW YORK

01/15/2024
DATE
1" = 500'
SCALE

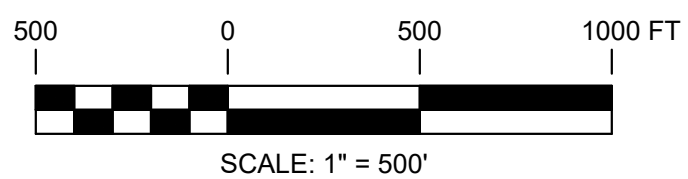


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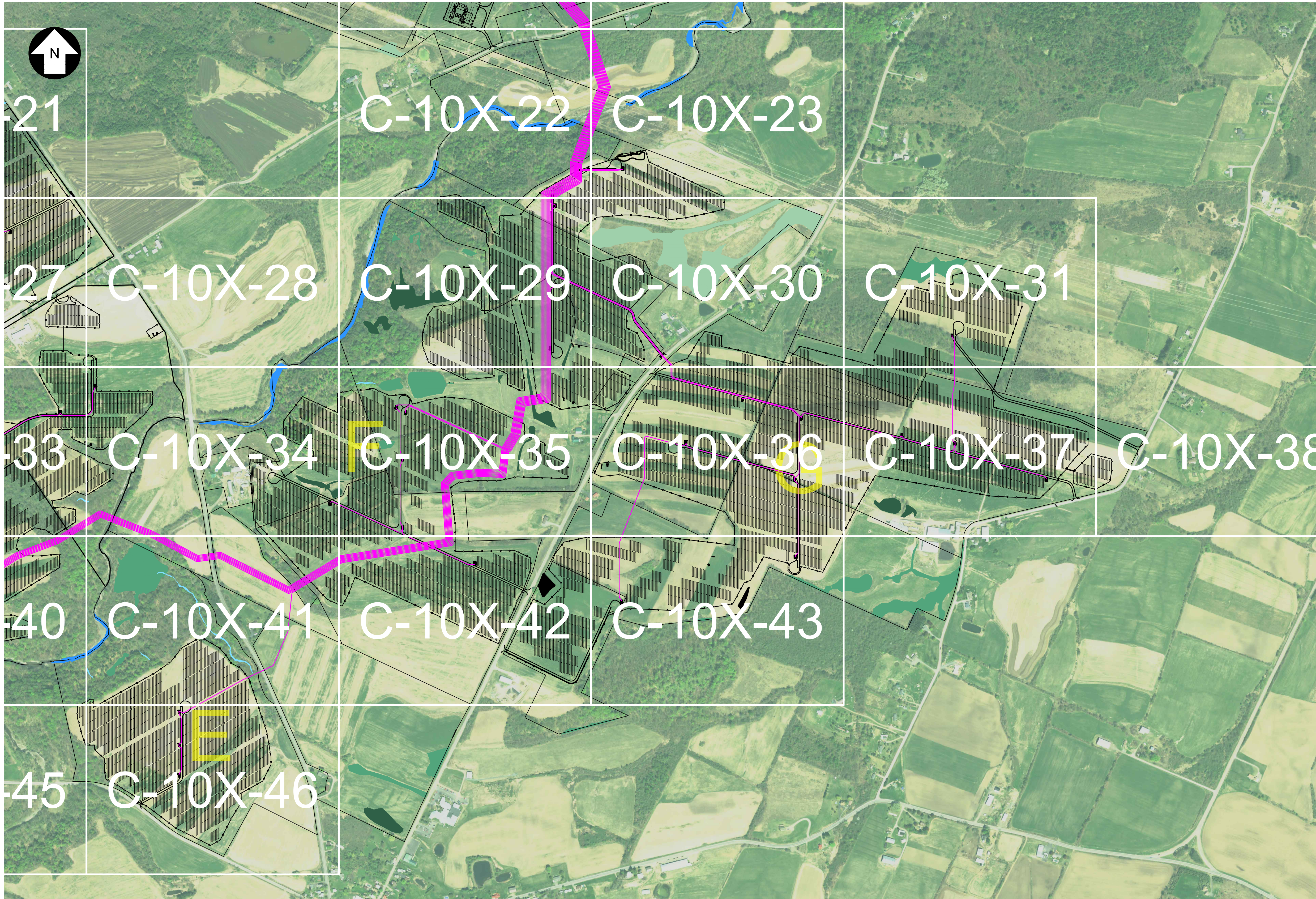
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Augusta, ME 04330

PROJECT NO: 443269

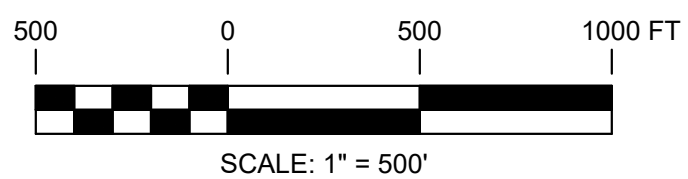


CMW DESIGNED
CMW DRAWN
PMM CHECKED
APPROVED
REVIEW 1
REVIEW 2

MILL POINT SOLAR I PROJECT CONNECTGEN MONTGOMERY COUNTY LLC OVERALL SITE PLAN	
GLEN	NEW YORK
01/15/2024 DATE	REV. D
1" = 500' SCALE	
TRC	MPS-C-100-06



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249 Western Avenue
Augusta, ME 04330

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CMW DRAWN
PMM CHECKED
APPROVED
REVIEW 1
REVIEW 2

MILL POINT SOLAR I PROJECT
CONNECTGEN MONTGOMERY COUNTY LLC
OVERALL SITE PLAN

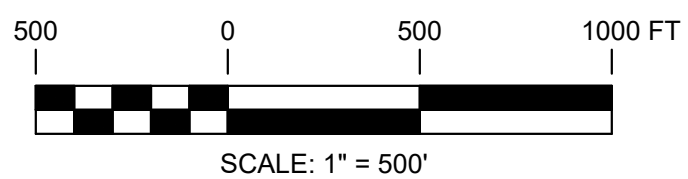
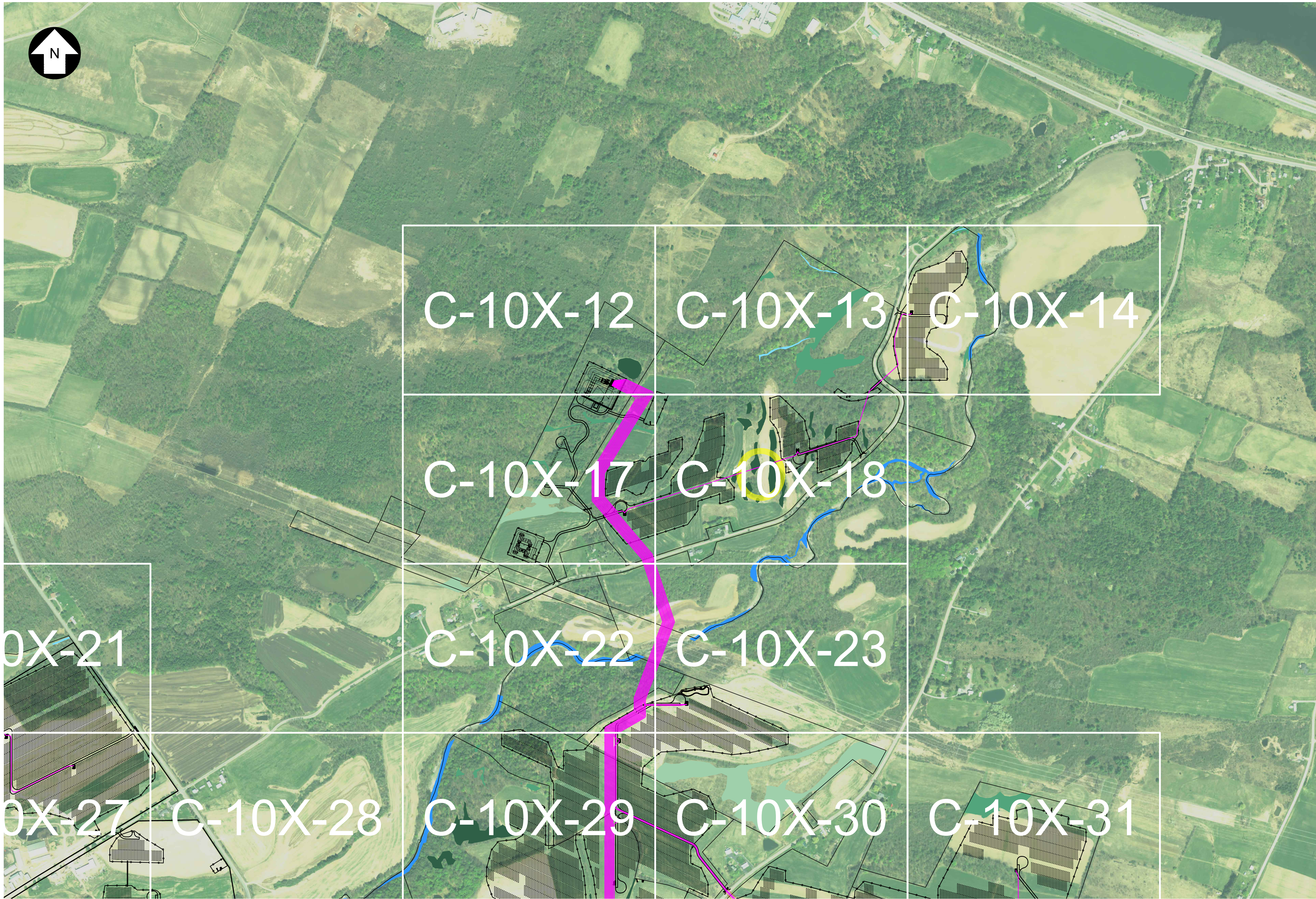
GLENNEW YORK

01/15/2024
DATE
1" = 500'
SCALE

TRC

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249 Western Avenue
Augusta, ME 04330

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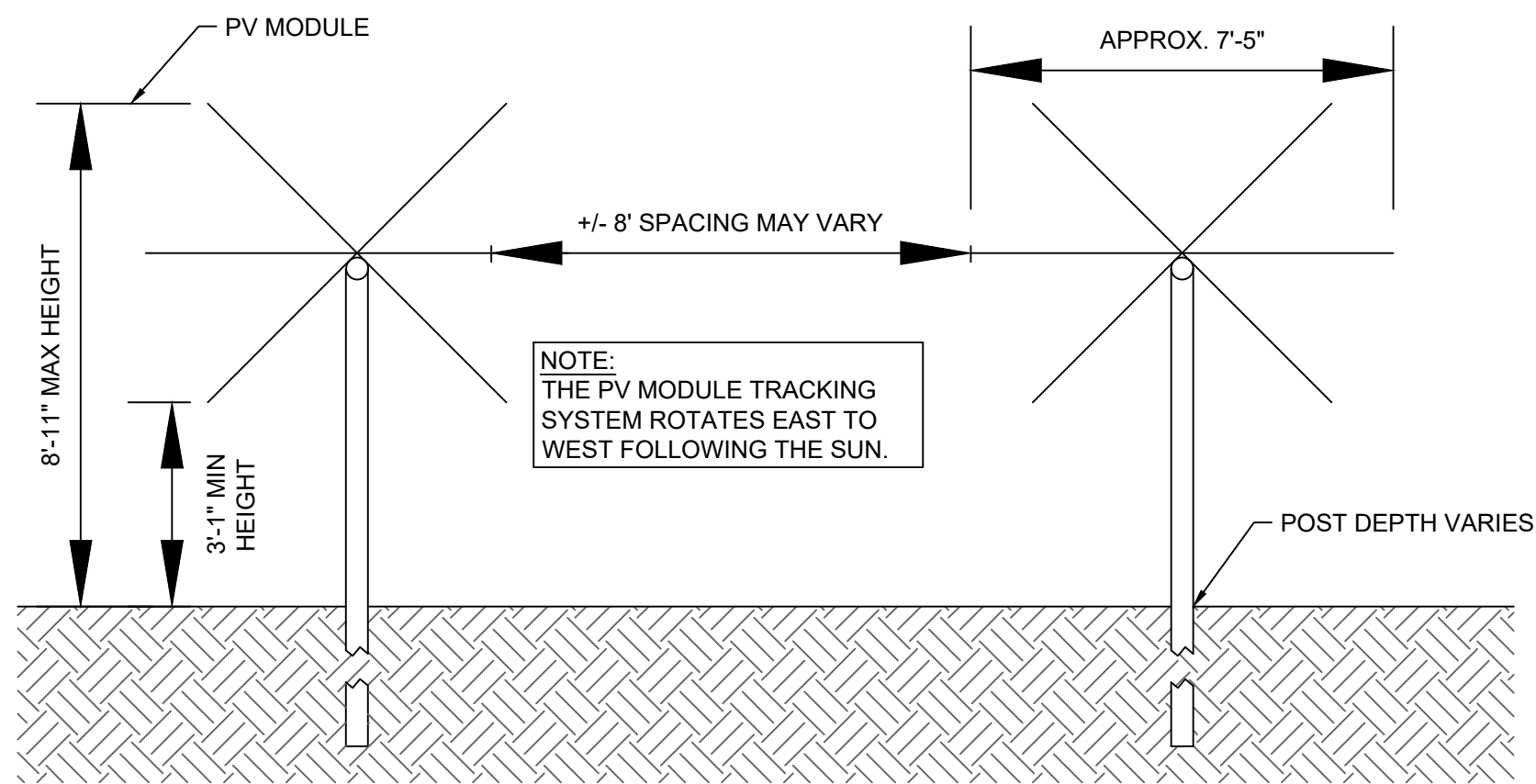


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CMW DRAWN
PMM CHECKED
APPROVED
REVIEW 1
REVIEW 2

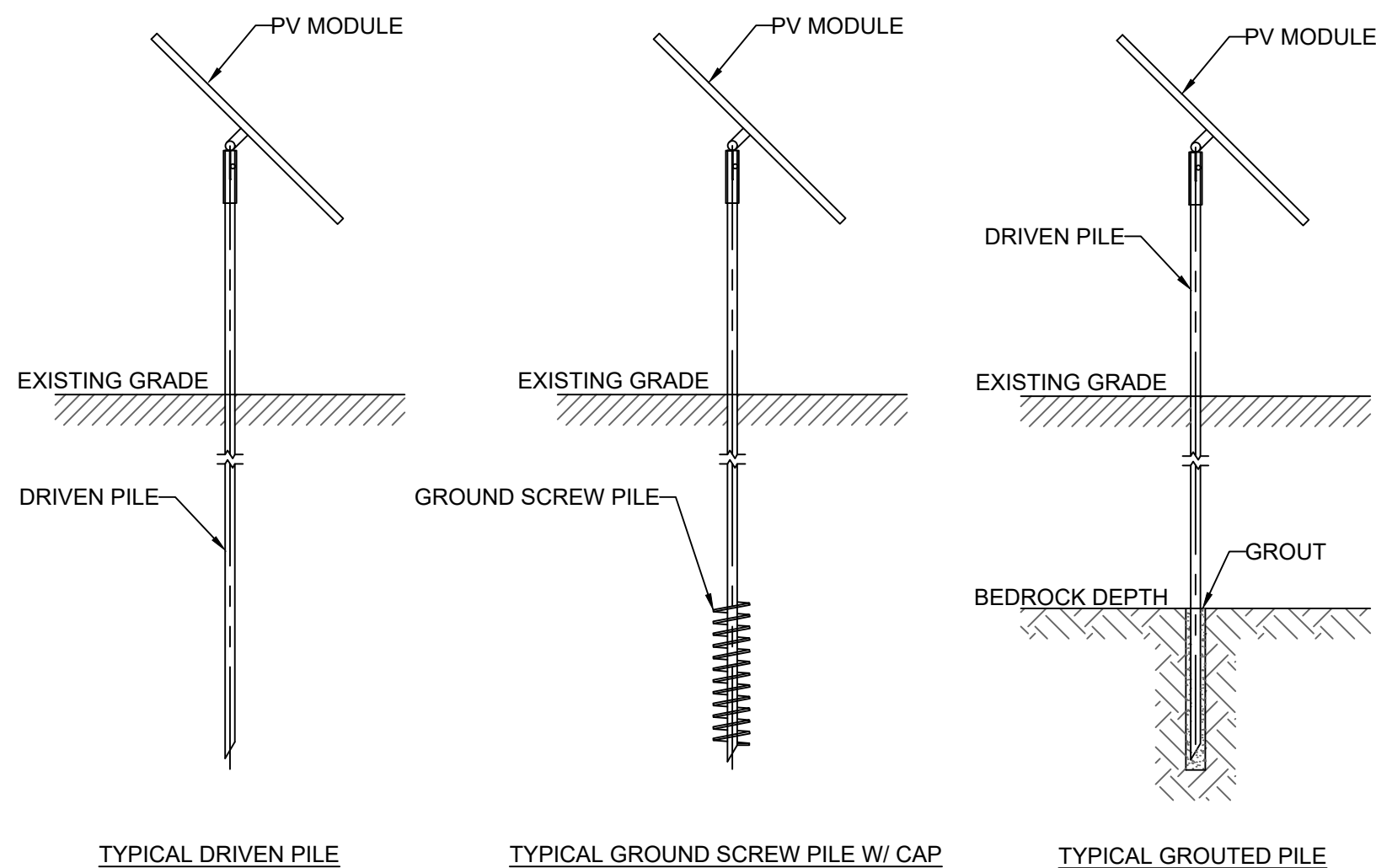
MILL POINT SOLAR I PROJECT CONNECTGEN MONTGOMERY COUNTY LLC OVERALL SITE PLAN	
GLEN	NEW YORK
01/15/2024 DATE	REV. D
1" = 500' SCALE	



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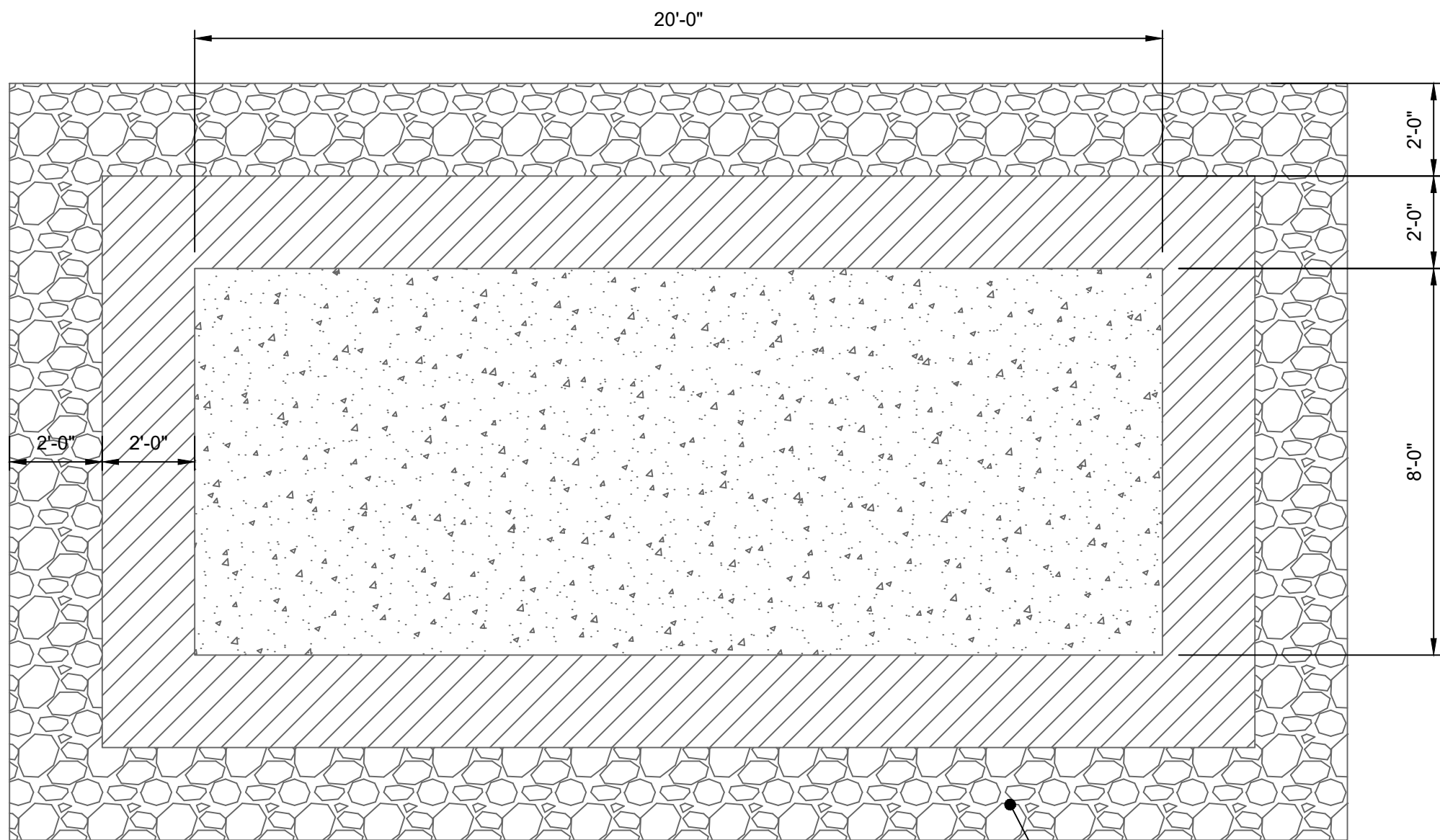


TRACKER RACK SECTION DETAIL
SCALE: N.T.S.

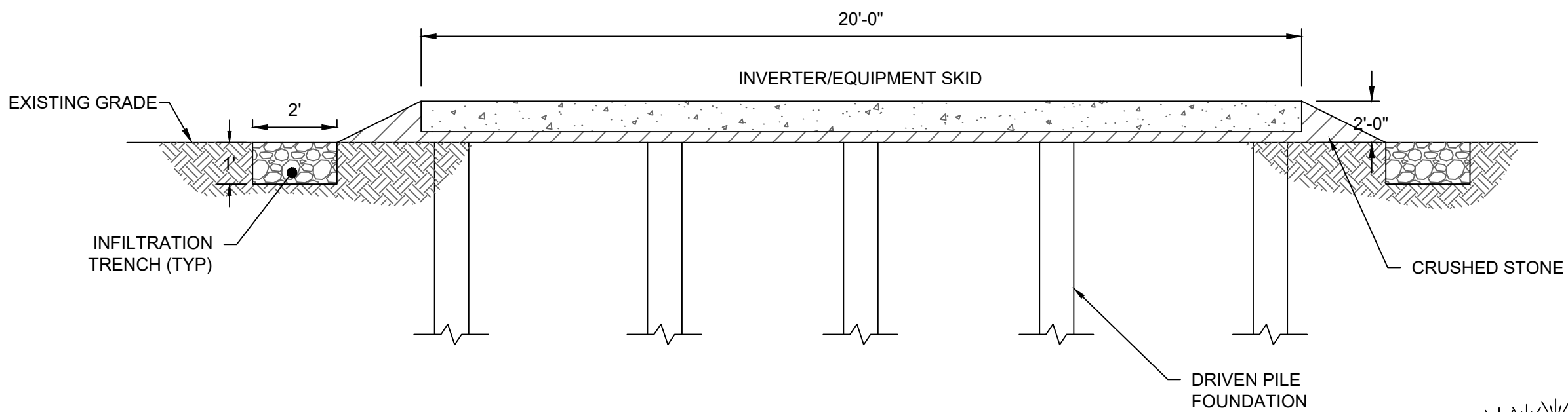


NOTE:
PILE STRATEGY SUBJECT TO
CHANGE IN FINAL DESIGN.

TYPICAL RACK FOUNDATION DETAILS
SCALE: N.T.S.

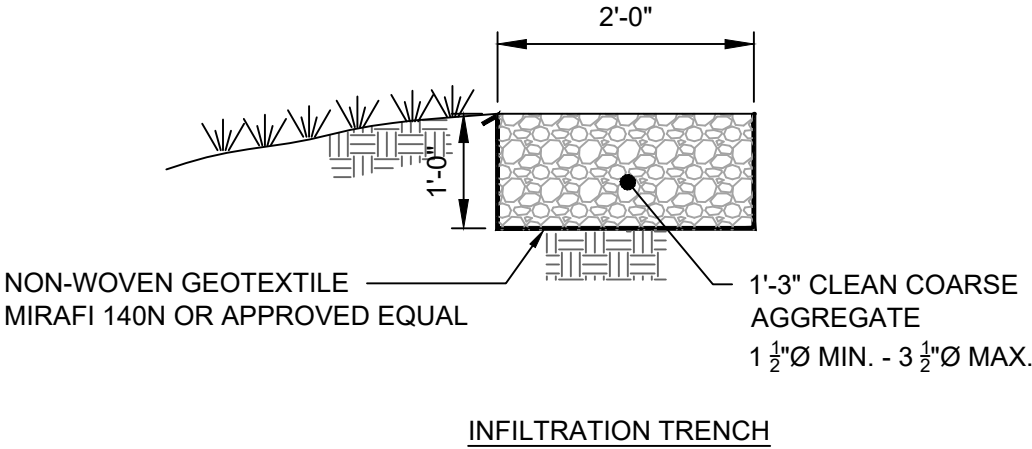


PLAN VIEW
INFILTRATION TRENCH



SECTION VIEW

- NOTES:
- EQUIPMENT SKID WILL BE SUPPORTED BY DRIVEN PILES. DESIGN WILL BE COMPLETED DURING DETAILED DESIGN PHASE.
 - TOP OF CONCRETE SHALL BE 1 FOOT (MIN.) ABOVE THE 100-YEAR BASE FLOOD ELEVATION.






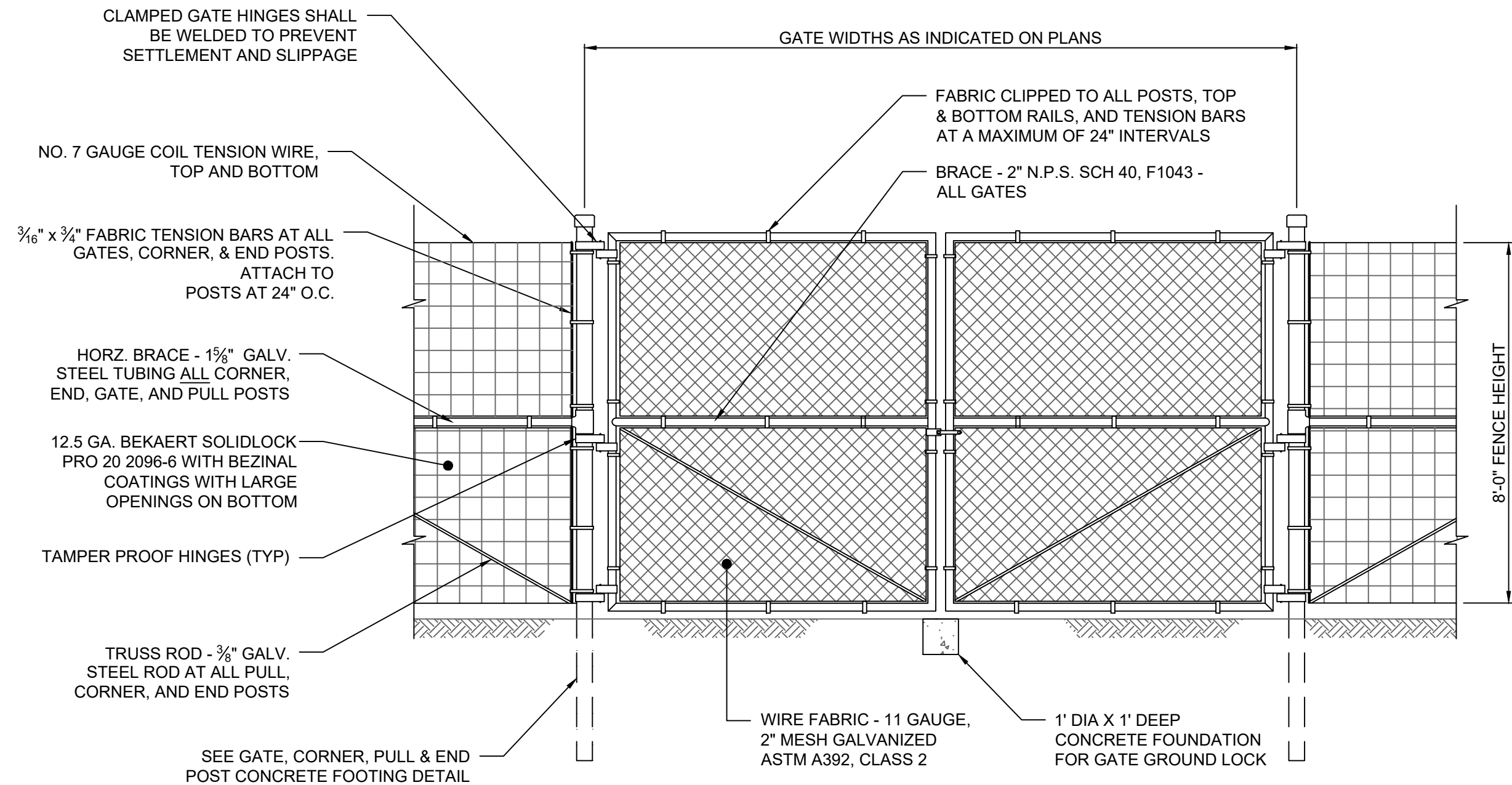
INFILTRATION TRENCH

TYPICAL INVERTER/TRANSFORMER SKID
SCALE: N.T.S.



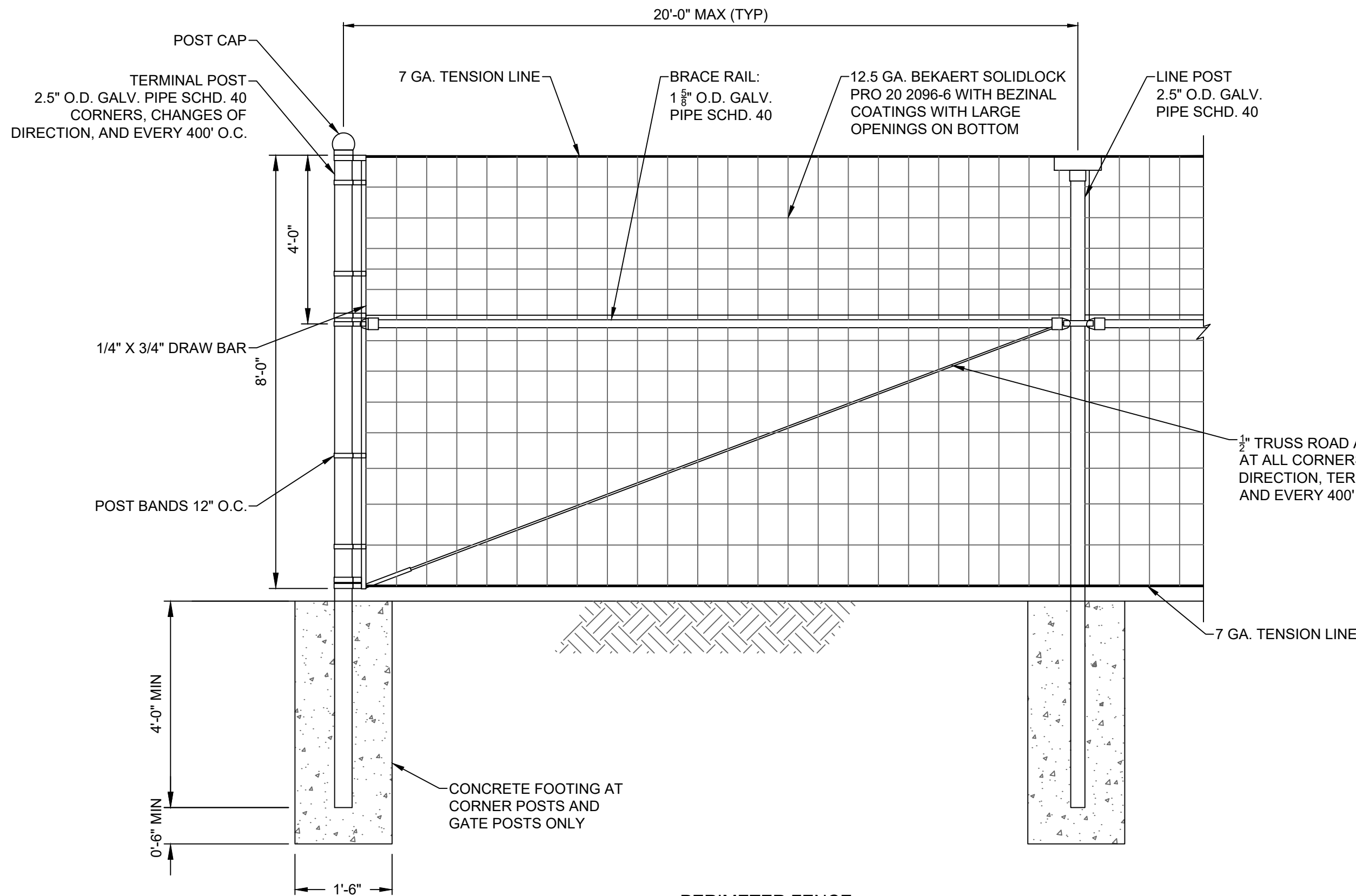
PRELIMINARY
NOT FOR CONSTRUCTION

<div><div>249 Western Avenue Augusta, ME 04330</div><div>PROJECT NO: 443269</div></div>							<div></div>		<div><div>CMW DESIGNED</div><div>CMW DRAWN</div><div>PMM CHECKED</div><div>- APPROVED</div></div>		<div>MILL POINT SOLAR I PROJECT CONNECTGEN MONTGOMERY COUNT LLC RACKING DETAILS</div>		
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		C	REVISED PER ORES REVIEW COMMENTS	06/28/2024	CMW	PMM	PMM						
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		A	ISSUED FOR 94-C	01/15/2024	CMW	PMM	PMM						
								<div><div>REVIEW 1 DATE</div><div>REVIEW 2 SCALE</div></div>	<div>01/15/2024 DATE</div> <div>1" = 100' SCALE</div>	<div></div>	MPS-C-104-01	REV. D	

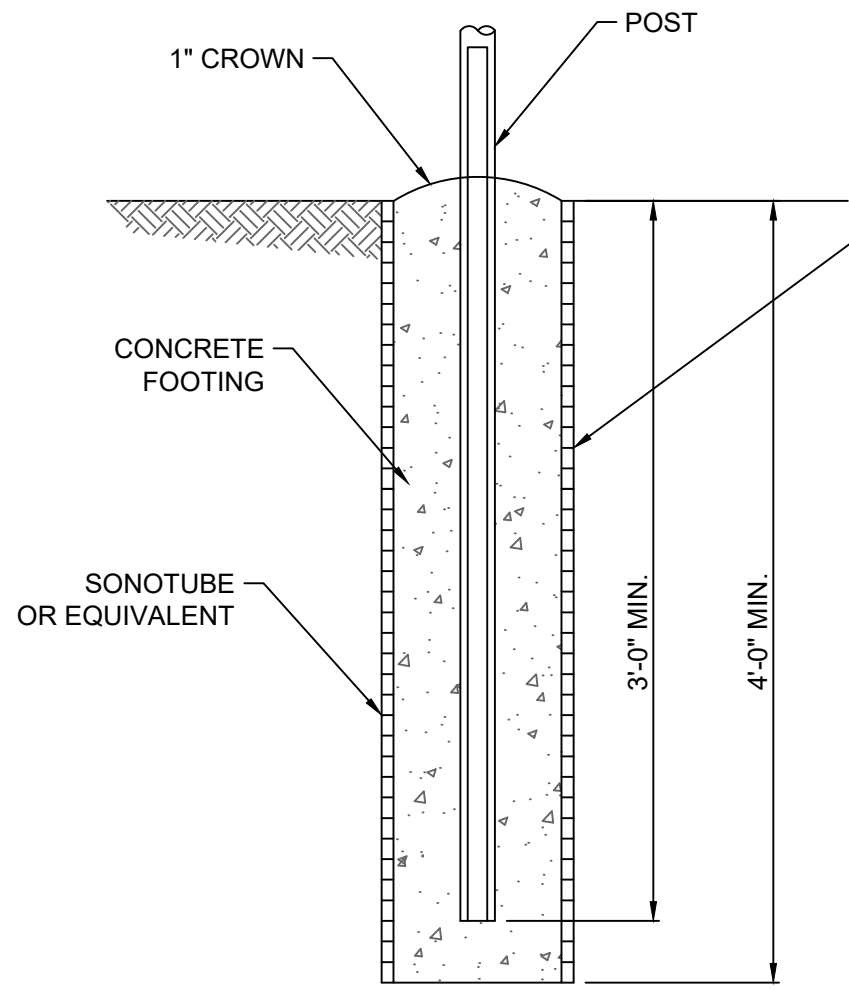


ALL GATES SHALL BE EQUIPPED WITH A KNOX BOX OR APPROVED EQUAL. THE CONTRACTOR SHALL SUBMIT SHOP DRAWING TO THE ENGINEER AND LOCAL FIRE AUTHORITY FOR APPROVAL PRIOR TO PURCHASING EQUIPMENT.

SWING GATE FRAME
NOT TO SCALE

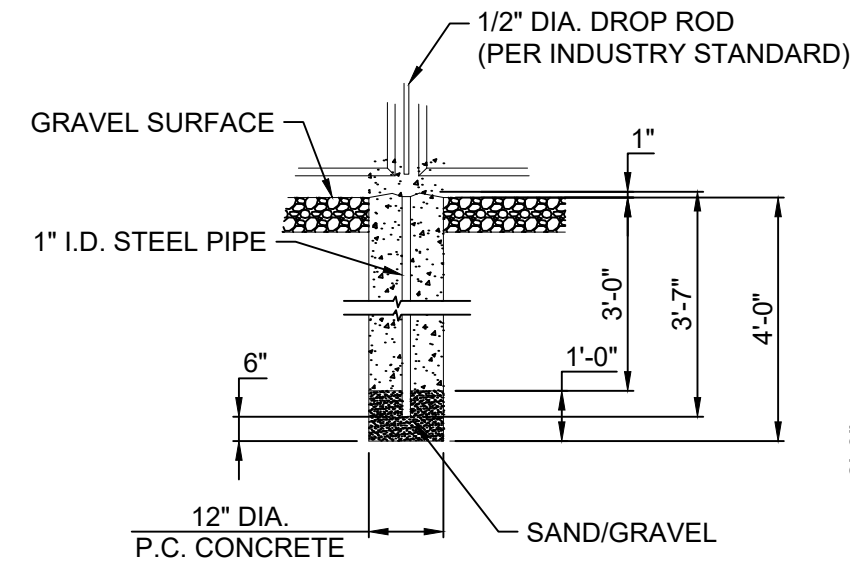


PERIMETER FENCE
NOT TO SCALE

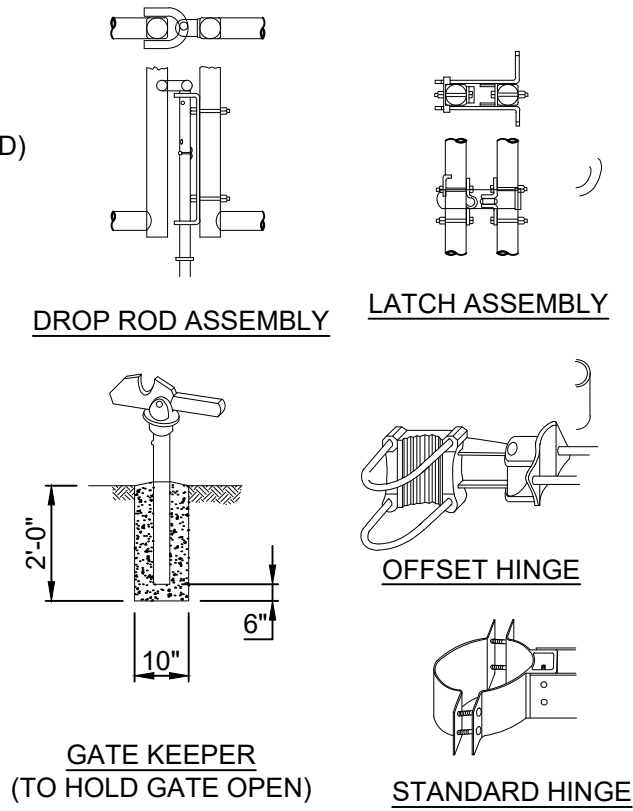


POSTS SHALL BE STEEL PIPE, ASTM F1083 STANDARD WEIGHT. POSTS SHALL BE DRIVEN 6' INTO UNDISTURBED SUBGRADE SOIL FOR LINE POSTS OR SET IN 2'-0" DIA. X 5' MIN DEEP CONCRETE FOR CORNER AND GATE POST.

- LINE POSTS - 1 1/2" SCH 40 (O.D. = 1 7/8")
- GATE POSTS - 3 1/2" SCH 40 (O.D. = 4")
- CORNER AND PULL POSTS - 2" SCH 40 (O.D. = 2 3/8")



DROP ROD FOUNDATION



ACCESS GATE DETAILS
NOT TO SCALE

GENERAL FENCING NOTES:

1. ALL ITEMS SHALL BE GALVANIZED AND ZINC COATED TO ASTM SPECIFICATIONS, INCLUDING ALL POSTS, RAILS, GATES, AND HARDWARE.
2. GATE FENCE FABRIC SHALL BE MOUNTED INSIDE THE FRAME.
3. ALL SWING GATE OPENINGS SHALL BE 24 FEET UNLESS OTHERWISE SPECIFIED.
4. SWING GATES SHALL BE CONSTRUCTED WITH DROP RODS, PADLOCKS, LATCH ASSEMBLY, GATE KEEPERS, AND KNOX BOX.
5. BOLTS AND HINGES SHALL BE OF A TAMPER-PROOF TYPE.
6. EXPOSED BOLTS AND NUTS SHALL BE SPOT WELDED.
7. REFER TO PROJECT SPECIFICATIONS FOR ADDITIONAL FENCE AND GATE REQUIREMENTS

POST USE	GATE	CORNER	PULL	END
NOMINAL PIPE SIZE (INCHES)	4	2 3/8	2 3/8	2 3/8
SONOTUBE SIZE (INCHES)	12	12	12	12

FOOTING NOTES:

1. UNLESS OTHERWISE INDICATED, FENCE POST SIZES ARE INDUSTRY STANDARD NOMINAL SIZES IN ACCORDANCE WITH ASTM F 1083, GALVANIZED STEEL PIPE.
2. BACKFILL SONOTUBE WITH MIN. 3,000 PSI CONCRETE.
3. ALL CONCRETE SHALL BE SINGLE POUR TO FINAL GRADE.
4. WHEN INSTALLING POSTS IN CLAY:
 - POST HOLE DEPTH SHALL BE INCREASED TO 6 FEET.
 - BACKFILL 4 FEET WITH CONCRETE.
 - BACKFILL FINAL 2 FEET WITH NATIVE SOIL.
5. WHEN INSTALLING POSTS IN LEDGE, CORE AND GROUT POSTS IN ACCORDANCE WITH PROJECT SPECIFICATIONS.
6. LINE POSTS SHALL BE DRIVEN TO A DEPTH OF 6 FEET BELOW GRADE, AND NOT SET IN CONCRETE.

GATE, END, BRACE & CORNER POST CONCRETE FOOTING DETAIL
NOT TO SCALE

FENCING NOTES:

1. FENCING CONTRACTOR TO DESIGN AND INSTALL FENCE PER LOCAL REQUIREMENTS AND/OR RECOMMENDED PRACTICE FOR ALL COMPONENTS NOT SPECIFICALLY CALLED OUT.
2. THE CONTRACTOR SHALL BECOME FAMILIAR WITH ALL EXISTING SITE CONDITIONS AND WITH DESIGN DOCUMENTS PROVIDED BY THE VARIOUS DESIGN PROFESSIONALS INVOLVED IN THIS PROJECT.
3. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, DETAILS, AND SPATIAL RELATIONSHIPS SHOWN ON THESE DRAWINGS IN CONJUNCTION WITH ALL OTHER RELATED DESIGN DRAWINGS. ANY DISCREPANCIES, CONFLICTS, OR OMISSIONS FOUND SHALL BE REPORTED TO THE ENGINEER AND OTHER DESIGN PROFESSIONALS AS APPROPRIATE FOR RESOLUTION PRIOR TO PROCEEDING WITH ANY WORK ON THE PROJECT.
4. THE CONTRACTOR SHALL REVIEW ALL SUBMITTALS, INCLUDING SHOP DRAWINGS, AND VERIFY CORRECTNESS OF THEM PRIOR TO SUBMISSION TO OWNER.
5. ALL STEEL SHALL BE GALVANIZED PER ASTM A123 UNLESS CORROSION ANALYSIS REPORT RECOMMENDS ADDITIONAL CORROSION PROTECTION.
6. FOUNDATION CONCRETE SHALL MEET NEW YORK DOT SPECIFICATIONS FOR CLASS A3 CONCRETE.
7. FACILITY LAYOUT RELATIVE TO THE PROJECT WETLANDS AND BOUNDARY SHALL BE CONFIRMED BY A LICENSED LAND SURVEYOR PRIOR TO CONSTRUCTION.
8. FENCE POSTS IN WETLANDS SHALL BE DRIVEN AND NOT INCLUDE A CONCRETE FOOTING.



NOTES:

1. DIMENSIONS: 18" X 12".
2. SIGNS SHALL BE 0.040" (MIN.) RUST-FREE ALUMINUM.
3. ATTACH TO OUTSIDE OF PERIMETER FENCE EVERY 200' MAX.



IN CASE OF EMERGENCY CALL:
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NOTES:

1. DIMENSIONS: 18" X 12".
2. SIGNS SHALL BE 0.040" (MIN.) RUST-FREE ALUMINUM.
3. ATTACH TO ACCESS GATES.



PRELIMINARY
NOT FOR CONSTRUCTION



249 Western Avenue
Augusta, ME 04330

PROJECT NO: 443269

REFERENCE ITEMS	REV	DESCRIPTION	DATE	DES	CHK	APP
	D	RE-ISSUED FOR 94-C DEFICIENCY SUPPLEMENT	07/25/2024	CMW	PMM	PMM
	C	REVISED PER ORES REVIEW COMMENTS	06/28/2024	CMW	PMM	PMM
	B	ISSUED FOR 94-C DEFICIENCY SUPPLEMENT	05/31/2024	CMW	PMM	PMM
	A	ISSUED FOR 94-C	01/15/2024	CMW	PMM	PMM



CMW DESIGNED
CMW DRAWN
PMM CHECKED
- APPROVED
- REVIEW 1
- REVIEW 2

MILL POINT SOLAR I PROJECT
CONNECTGEN MONTGOMERY COUNTY LLC
FENCE DETAILS

GLEN

NEW YORK

01/15/2024
DATE



MPS-C-105-01

REV.
D