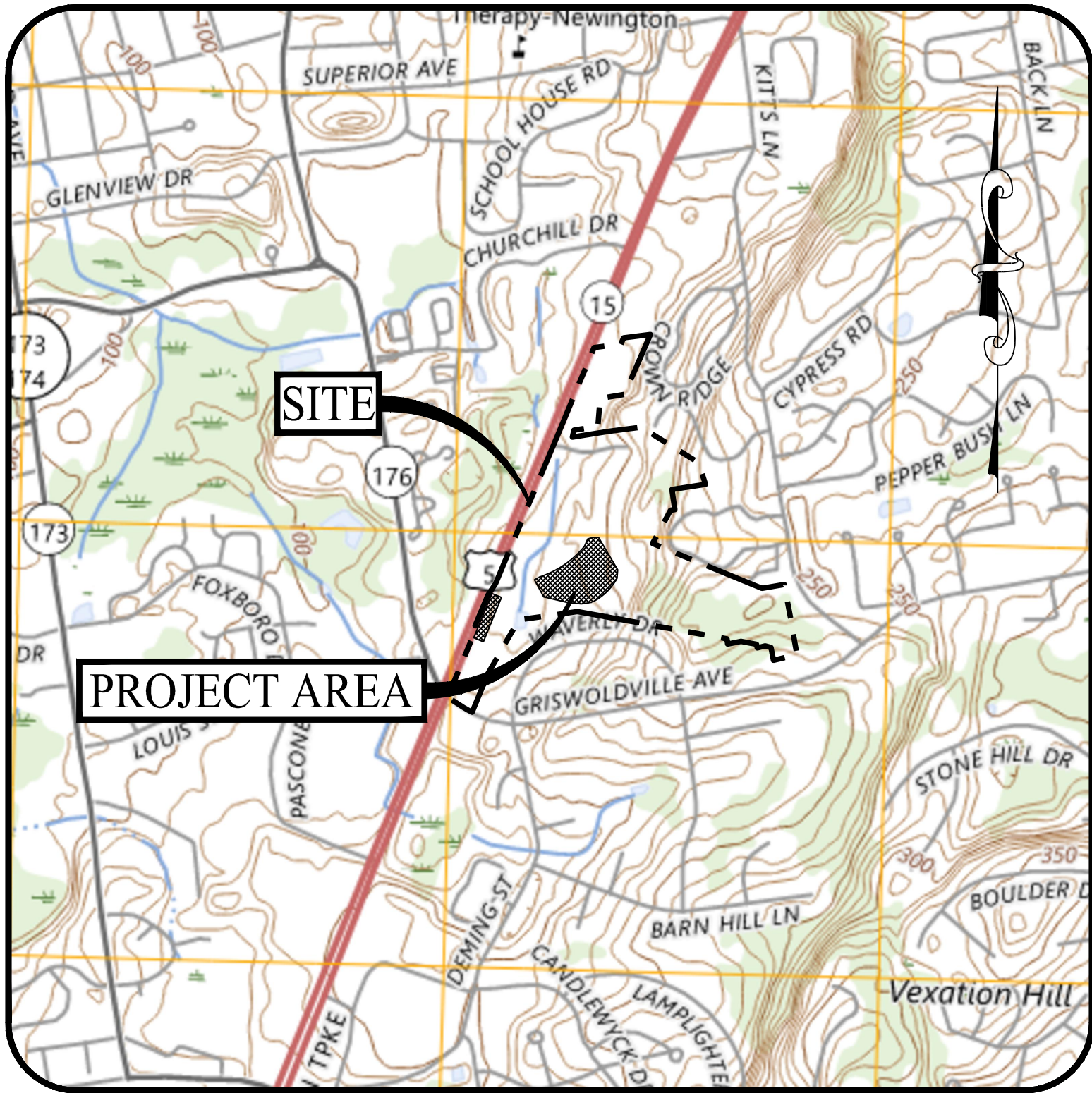


Appendix B – Project Plans

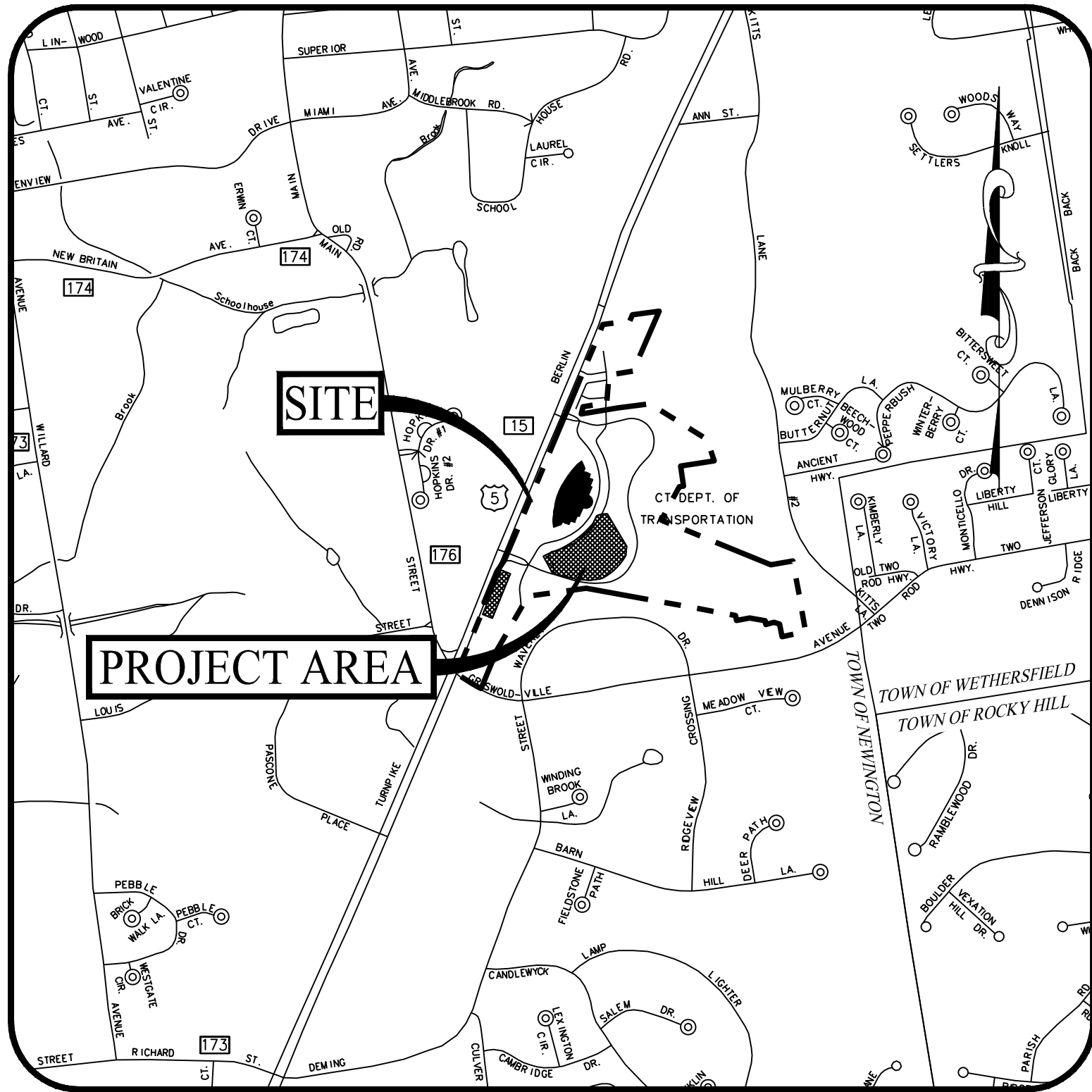
PROPOSED 1.7 MW AC SOLAR DEVELOPMENT

2800 BERLIN TURNPIKE
NEWINGTON, CONNECTICUT



USGS MAP

SCALE: 1" = 1,000'



LOCATION MAP

SCALE: 1" = 1,000'

PREPARED FOR:



124 LASALLE ROAD
WEST HARTFORD, CONNECTICUT

OWNER

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION
ADMINISTRATION BUILDINGS
NEWINGTON, CONNECTICUT 06111

ENGINEER OF RECORD

KEVIN SOLLI, P.E., CPESC, LEED AP BD+C
LICENSE NO. 25759
SOLLI ENGINEERING, LLC
501 MAIN STREET
MONROE, CONNECTICUT 06468
(203) 880-5455

APPLICANT

CEFA HOLDINGS, LLC
124 LASALLE ROAD, 2ND FLOOR
WEST HARTFORD, CONNECTICUT 06107

SURVEYOR OF RECORD

CHARLES G. GIDMAN P.L.S.
LICENSE NO. 07103
NORTHEAST SURVEY CONSULTANTS
3 FERRY STREET STUDIO 1 EAST
EASTHAMPTON, MASSACHUSETTS 01027
(413) 203-5144

PROPERTY INFORMATION

ADDRESS: 2710-2800 BERLIN TURNPIKE, NEWINGTON, CONNECTICUT
PARCEL ID: 23 / 183 / 000
AREA: ±54.95 AC

PREPARED BY:



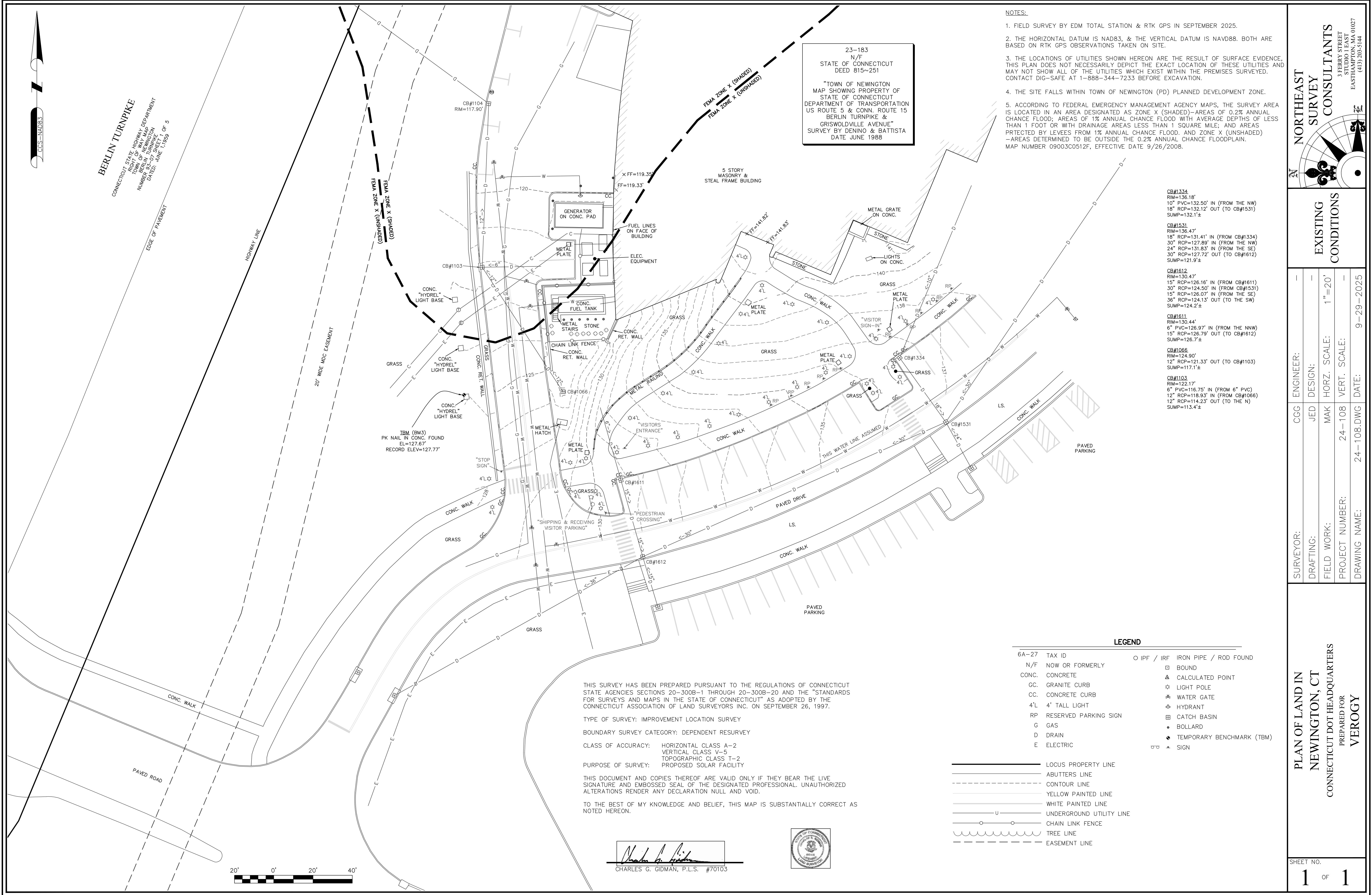
MONROE, CT | WEST HARTFORD, CT | NORWOOD, MA

DRAWING LIST

SHEET #	SHEET NAME	PLAN DATE	LATEST REVISION
0.00	COVER SHEET	11/18/25	N/A
1 OF 1	NEWINGTON CAMPUS	08/25/22	N/A
1 OF 1	EXISTING CONDITIONS	09/29/25	N/A
2.10	OVERALL SITE PLAN	11/18/25	N/A
2.11	SITE, GRADING, & UTILITY PLAN	11/18/25	N/A
2.31	SOIL EROSION & SEDIMENT CONTROL PLAN	11/18/25	N/A
2.41	SOIL EROSION & SEDIMENT CONTROL NOTES & DETAILS	11/18/25	N/A
3.01	CONSTRUCTION DETAILS	11/18/25	N/A
3.02	CONSTRUCTION DETAILS	11/18/25	N/A

Rev. #: Date Description		
Project:		
PROPOSED SOLAR DEVELOPMENT 2800 BERLIN TURNPIKE NEWINGTON, CONNECTICUT		
Sheet Title:	Sheet #:	
COVER SHEET	0.00	

FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.



NOTES:

1. FIELD SURVEY BY EDM TOTAL STATION & RTK GPS IN SEPTEMBER 2025.

2. THE HORIZONTAL DATUM IS NAD83, & THE VERTICAL DATUM IS NAVD88. BOTH ARE BASED ON RTK GPS OBSERVATIONS TAKEN ON SITE.

3. THE LOCATIONS OF UTILITIES SHOWN HEREON ARE THE RESULT OF SURFACE EVIDENCE. THIS PLAN DOES NOT NECESSARILY DEPICT THE EXACT LOCATION OF THESE UTILITIES AND MAY NOT SHOW ALL OF THE UTILITIES WHICH EXIST WITHIN THE PREMISES SURVEYED. CONTACT DIG-SAFE AT 1-888-344-7233 BEFORE EXCAVATION.

4. THE SITE FALLS WITHIN TOWN OF NEWINGTON (PD) PLANNED DEVELOPMENT ZONE.

5. ACCORDING TO FEDERAL EMERGENCY MANAGEMENT AGENCY MAPS, THE SURVEY AREA IS LOCATED IN AN AREA DESIGNATED AS ZONE X (SHADED)-AREAS OF 0.2% ANNUAL CHANCE FLOOD; AREAS OF 1% ANNUAL CHANCE FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM 1% ANNUAL CHANCE FLOOD. AND ZONE X (UNSHADED) -AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN. MAP NUMBER 09003C0512F, EFFECTIVE DATE 9/26/2008.

CGG

JED

MAK

24-108

24-108.DWG

ENGINEER:

DESIGN:

FIELD WORK:

PROJECT NUMBER:

DRAWING NAME:

DATE:

9-29-2025

CGG

JED

MAK

24-108

24-108.DWG

ENGINEER:

DESIGN:

FIELD WORK:

PROJECT NUMBER:

DRAWING NAME:

DATE:

9-29-2025

PLAN OF LAND IN
NEWINGTON, CT
CONNECTICUT DOT HEADQUARTERS
PREPARED FOR
VEROGY

SHEET NO.
1 OF 1

CGG

JED

MAK

24-108

24-108.DWG

ENGINEER:

DESIGN:

FIELD WORK:

PROJECT NUMBER:

DRAWING NAME:

DATE:

9-29-2025

CGG

JED

MAK

24-108

24-108.DWG

ENGINEER:

DESIGN:

FIELD WORK:

PROJECT NUMBER:

DRAWING NAME:

DATE:

9-29-2025

PLAN OF LAND IN
NEWINGTON, CT
CONNECTICUT DOT HEADQUARTERS
PREPARED FOR
VEROGY

SHEET NO.
1 OF 1

CGG

JED

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24-108

24-108.DWG

ENGINEER:

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ENGINEER:

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FIELD WORK:

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DATE:

9-29-2025

PLAN OF LAND IN
NEWINGTON, CT
CONNECTICUT DOT HEADQUARTERS
PREPARED FOR
VEROGY

SHEET NO.
1 OF 1

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24-108

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ENGINEER:

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9-29-2025

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24-108

24-108.DWG

ENGINEER:

DESIGN:

FIELD WORK:

PROJECT NUMBER:

DRAWING NAME:

DATE:

9-29-2025

PLAN OF LAND IN
NEWINGTON, CT
CONNECTICUT DOT HEADQUARTERS
PREPARED FOR
VEROGY

SHEET NO.
1 OF 1

THIS SURVEY HAS BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-300B-1 THROUGH 20-300B-20 AND THE "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS INC. ON SEPTEMBER 26, 1997.

TYPE OF SURVEY: IMPROVEMENT LOCATION SURVEY

BOUNDARY SURVEY CATEGORY: DEPENDENT RESURVEY

CLASS OF ACCURACY: HORIZONTAL CLASS A-2
VERTICAL CLASS V-5
TOPOGRAPHIC CLASS T-2
PROPOSED SOLAR FACILITY

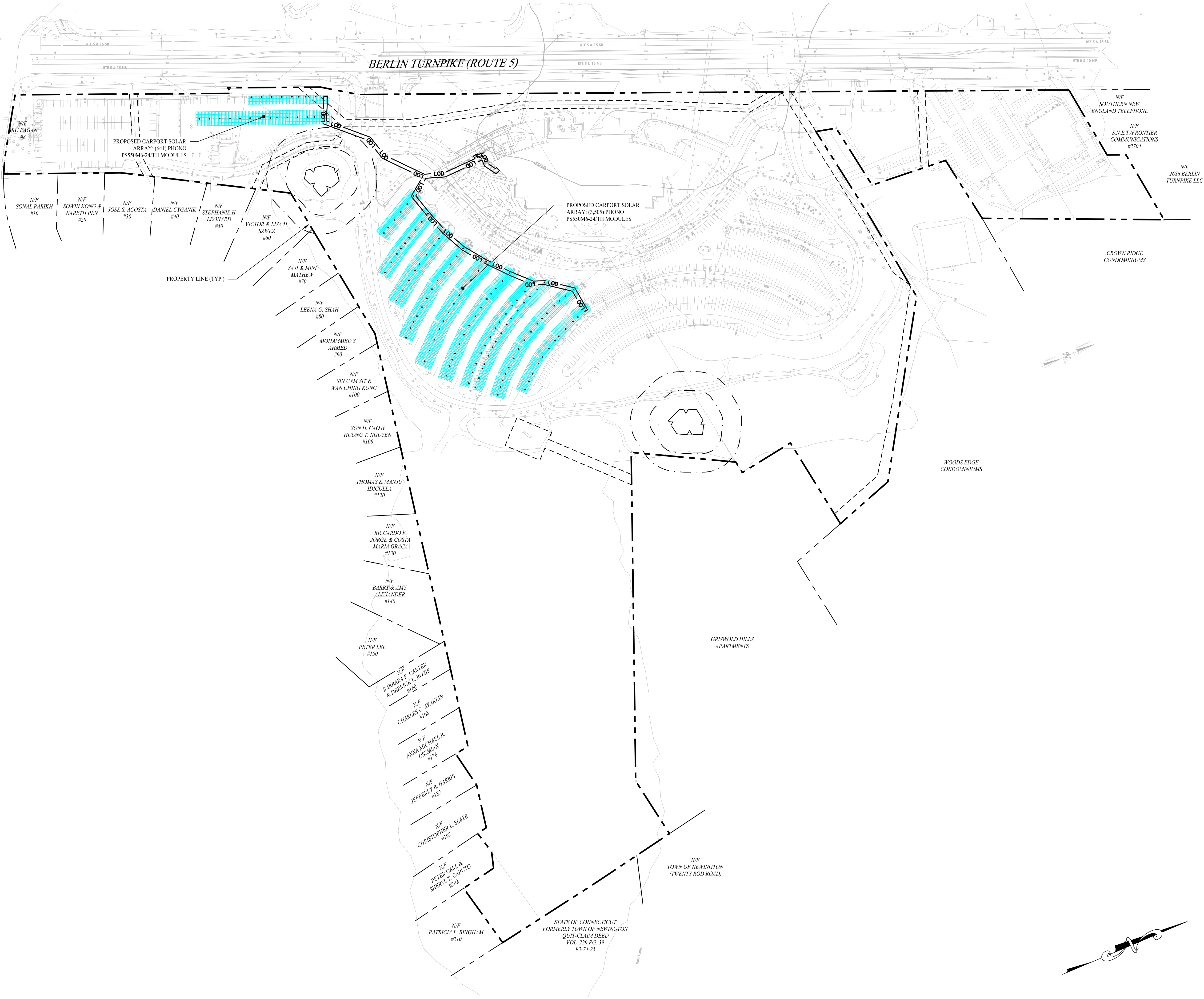
PURPOSE OF SURVEY:

THIS DOCUMENT AND COPIES THEREOF ARE VALID ONLY IF THEY BEAR THE LIVE SIGNATURE AND EMBOSSED SEAL OF THE DESIGNATED PROFESSIONAL. UNAUTHORIZED ALTERATIONS RENDER ANY DECLARATION NULL AND VOID.

TO THE BEST OF MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

Charles G. Gidman
CHARLES G. GIDMAN, P.L.S. #70103

LEGEND			
6A-27	TAX ID	○ IPF / IRF	IRON PIPE / ROD FOUND
N/F	NOW OR FORMERLY	□	BOUND
CONC.	CONCRETE	△	CALCULATED POINT
GC.	GRANITE CURB	☆	LIGHT POLE
CC.	CONCRETE CURB	⊗	WATER GATE
4'L	4' TALL LIGHT	⊕	HYDRANT
RP	RESERVED PARKING SIGN	⊞	CATCH BASIN
G	GAS	●	BOLLARD
D	DRAIN	◆	TEMPORARY BENCHMARK (TBM)
E	ELECTRIC	⊞	SIGN
—	LOCUS PROPERTY LINE		
—	ABUTTERS LINE		
---	CONTOUR LINE		
---	YELLOW PAINTED LINE		
---	WHITE PAINTED LINE		
—U—	UNDERGROUND UTILITY LINE		
—○—	CHAIN LINK FENCE		
—w—	TREE LINE		
---	EASEMENT LINE		

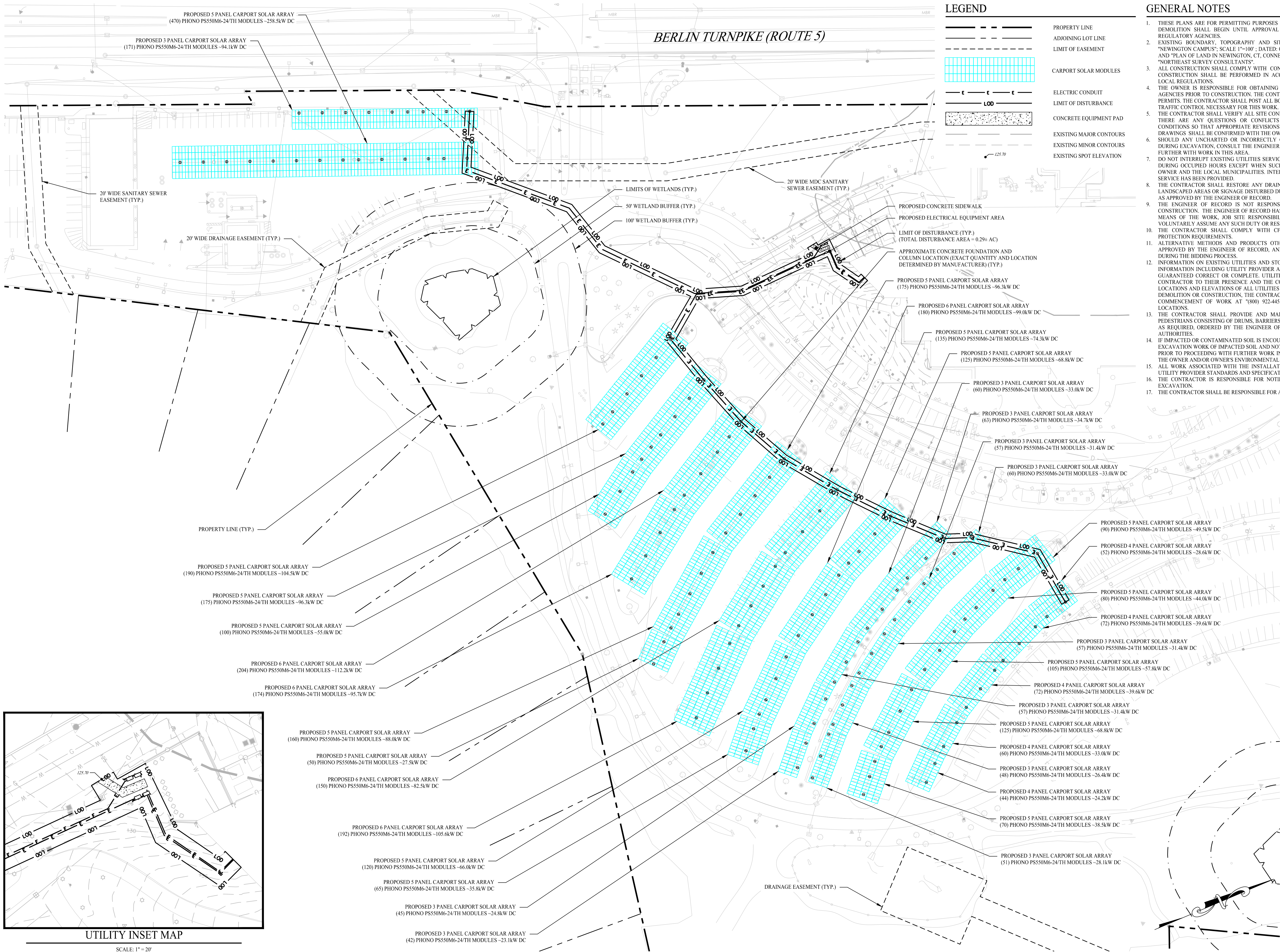


- GENERAL NOTES**
1. THESE PLANS ARE FOR PERMITTING PURPOSES ONLY AND ARE NOT FOR CONSTRUCTION. NO CONSTRUCTION OR DEMOLITION SHALL BEGIN UNTIL APPROVAL OF THE FINAL PLANS IS GRANTED BY ALL GOVERNING AND REGULATORY AGENCIES.
 2. EXISTING BOUNDARY, TOPOGRAPHY AND SITE CONDITIONS INFORMATION TAKEN FROM A PLAN ENTITLED "NEWINGTON CAMPUS", SCALE 1"=100', DATED: 08/25/2022, BY "STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION".
 3. ALL CONSTRUCTION SHALL COMPLY WITH TOWN OF NEWINGTON STANDARDS, CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARDS, CONNECTICUT DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION STANDARDS, AND SPECIFICATIONS IN THE ABOVE REFERENCED INCREASING HIERARCHY. IF SPECIFICATIONS ARE IN CONFLICT, THE MOST STRINGENT SPECIFICATION SHALL APPLY. ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE OSHA, FEDERAL, STATE AND LOCAL REGULATIONS.
 4. THE OWNER IS RESPONSIBLE FOR OBTAINING ALL NECESSARY ZONING PERMITS REQUIRED BY GOVERNMENT AGENCIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL OBTAIN ALL COUNTY AND TOWN CONSTRUCTION PERMITS. THE CONTRACTOR SHALL POST ALL BONDS, PAY ALL FEES, PROVIDE PROOF OF INSURANCE AND PROVIDE TRAFFIC CONTROL NECESSARY FOR THIS WORK.
 5. THE CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS IN THE FIELD AND CONTACT THE ENGINEER OF RECORD IF THERE ARE ANY QUESTIONS OR CONFLICTS REGARDING THE CONSTRUCTION DOCUMENTS AND/OR FIELD CONDITIONS SO THAT APPROPRIATE REVISIONS CAN BE MADE PRIOR TO BIDDING. ANY CONFLICT BETWEEN THE DRAWINGS SHALL BE CONFIRMED WITH THE OWNER'S CONSTRUCTION MANAGER PRIOR TO BIDDING.
 6. SHOULD ANY UNCHARTED OR INCORRECTLY CHARTED, EXISTING PIPING OR OTHER UTILITY BE UNCOVERED DURING EXCAVATION, CONSULT THE ENGINEER OF RECORD IMMEDIATELY FOR DIRECTIONS BEFORE PROCEEDING FURTHER WITH WORK IN THIS AREA.
 7. DO NOT INTERRUPT EXISTING UTILITIES SERVICING FACILITIES OCCUPIED AND USED BY THE OWNER OR OTHERS DURING OCCUPIED HOURS EXCEPT WHEN SUCH INTERRUPTIONS HAVE BEEN AUTHORIZED IN WRITING BY THE OWNER AND THE LOCAL MUNICIPALITIES. INTERRUPTIONS SHALL ONLY OCCUR AFTER ACCEPTABLE TEMPORARY SERVICE HAS BEEN PROVIDED.
 8. THE CONTRACTOR SHALL RESTORE ANY DRAINAGE STRUCTURE, PIPE, UTILITY, PAVEMENT, CURBS, SIDEWALKS, LANDSCAPED AREAS OR SIGNAGE DISTURBED DURING CONSTRUCTION TO THEIR ORIGINAL CONDITION OR BETTER, AS APPROVED BY THE ENGINEER OF RECORD.
 9. THE ENGINEER OF RECORD IS NOT RESPONSIBLE FOR SITE SAFETY MEASURES TO BE EMPLOYED DURING CONSTRUCTION. THE ENGINEER OF RECORD HAS NO CONTRACTUAL DUTY TO CONTROL THE SAFEST METHODS OR MEANS OF THE WORK, JOB SITE RESPONSIBILITIES, SUPERVISION OR TO SUPERVISE SAFETY AND DOES NOT VOLUNTARILY ASSUME ANY SUCH DUTY OR RESPONSIBILITY.
 10. THE CONTRACTOR SHALL COMPLY WITH CFR 29 PART 1926 FOR EXCAVATION TRENCHING AND TRENCH PROTECTION REQUIREMENTS.
 11. ALTERNATIVE METHODS AND PRODUCTS OTHER THAN THOSE SPECIFIED MAY BE USED IF REVIEWED AND APPROVED BY THE ENGINEER OF RECORD, AND APPROPRIATE REGULATORY AGENCY PRIOR TO INSTALLATION DURING THE BIDDING PROCESS.
 12. INFORMATION ON EXISTING UTILITIES AND STORM DRAINAGE SYSTEMS HAS BEEN COMPILED FROM AVAILABLE INFORMATION INCLUDING UTILITY PROVIDER AND MUNICIPAL RECORD MAPS AND/OR FIELD SURVEY AND IS NOT GUARANTEED CORRECT OR COMPLETE. UTILITIES AND STORM DRAINAGE SYSTEMS ARE SHOWN TO ALERT THE CONTRACTOR TO THEIR PRESENCE AND THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETERMINING ACTUAL LOCATIONS AND ELEVATIONS OF ALL UTILITIES AND STORM DRAINAGE SYSTEMS INCLUDING SERVICES. PRIOR TO DEMOLITION OR CONSTRUCTION, THE CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG" 72 HOURS BEFORE COMMENCEMENT OF WORK AT "(800) 922-4455" AND VERIFY ALL UTILITY AND STORM DRAINAGE SYSTEM LOCATIONS.

Rev. #:			Date			Description		
Graphic Scale:								
MONROE, CT W. HARTFORD, CT NORWOOD, MA SOLLIENGINEERING.COM T: (203) 880-5455 F: (203) 880-9695								
Drawn By:			VER					
Checked By:			EEL					
Approved By:			KMS					
Project #:			25210601					
Plan Date:			11/18/25					
Scale:			1" = 120'			Kevin Solli, P.E. CT 25759		
Project:								
PROPOSED SOLAR DEVELOPMENT 2800 BERLIN TURNPIKE NEWINGTON, CONNECTICUT								
Sheet Title:			OVERALL SITE PLAN			Sheet #:		
						2.10		

FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.

Nov 24, 2025 - 1:12pm
MA\SE Files\Project Data\2025\25210801 - 2800 Berlin Turnpike - Newington, CT\Engineering Data\CAD Files\25210801 - 2.11.dwg
abon



LEGEND

	PROPERTY LINE
	ADJOINING LOT LINE
	LIMIT OF EASEMENT
	CARPORT SOLAR MODULES
	ELECTRIC CONDUIT
	LIMIT OF DISTURBANCE
	CONCRETE EQUIPMENT PAD
	EXISTING MAJOR CONTOURS
	EXISTING MINOR CONTOURS
	EXISTING SPOT ELEVATION

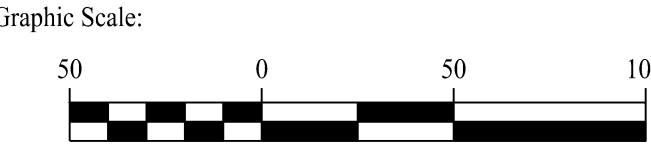
GENERAL NOTES

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- EXISTING BOUNDARY, TOPOGRAPHY AND SITE CONDITIONS INFORMATION TAKEN FROM PLANS ENTITLED "NEWINGTON CAMPUS", SCALE 1"=100', DATED: 06/25/2022, BY "CONNECTICUT DEPARTMENT OF TRANSPORTATION", AND "PLAN OF LAND IN NEWINGTON, CT, CONNECTICUT DOT HEADQUARTERS", SCALE 1"=20', DATED: 09/29/2025, BY "NORTHEAST SURVEY CONSULTANTS".
- ALL CONSTRUCTION SHALL COMPLY WITH CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARDS. ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE OSHA, FEDERAL, STATE AND LOCAL REGULATIONS.
- THE OWNER IS RESPONSIBLE FOR OBTAINING ALL NECESSARY ZONING PERMITS REQUIRED BY GOVERNMENT AGENCIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL OBTAIN ALL COUNTY AND TOWN CONSTRUCTION PERMITS. THE CONTRACTOR SHALL POST ALL BONDS, PAY ALL FEES, PROVIDE PROOF OF INSURANCE AND PROVIDE TRAFFIC CONTROL NECESSARY FOR THIS WORK.
- THE CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS IN THE FIELD AND CONTACT THE ENGINEER OF RECORD IF THERE ARE ANY QUESTIONS OR CONFLICTS REGARDING THE CONSTRUCTION DOCUMENTS AND/OR FIELD CONDITIONS SO THAT APPROPRIATE REVISIONS CAN BE MADE PRIOR TO BIDDING. ANY CONFLICT BETWEEN THE DRAWINGS SHALL BE CONFIRMED WITH THE OWNER'S CONSTRUCTION MANAGER PRIOR TO BIDDING.
- SHOULD ANY UNCHARTED OR INCORRECTLY CHARTED, EXISTING PIPING OR OTHER UTILITY BE UNCOVERED DURING EXCAVATION, CONSULT THE ENGINEER OF RECORD IMMEDIATELY FOR DIRECTIONS BEFORE PROCEEDING FURTHER WITH WORK IN THIS AREA.
- DO NOT INTERRUPT EXISTING UTILITIES SERVICING FACILITIES OCCUPIED AND USED BY THE OWNER OR OTHERS DURING OCCUPIED HOURS EXCEPT WHEN SUCH INTERRUPTIONS HAVE BEEN AUTHORIZED IN WRITING BY THE OWNER AND THE LOCAL MUNICIPALITIES. INTERRUPTIONS SHALL ONLY OCCUR AFTER ACCEPTABLE TEMPORARY SERVICE HAS BEEN PROVIDED.
- THE CONTRACTOR SHALL RESTORE ANY DRAINAGE STRUCTURE, PIPE, UTILITY, PAVEMENT, CURBS, SIDEWALKS, LANDSCAPED AREAS OR SIGNAGE DISTURBED DURING CONSTRUCTION TO THEIR ORIGINAL CONDITION OR BETTER, AS APPROVED BY THE ENGINEER OF RECORD.
- THE ENGINEER OF RECORD IS NOT RESPONSIBLE FOR SITE SAFETY MEASURES TO BE EMPLOYED DURING CONSTRUCTION. THE ENGINEER OF RECORD HAS NO CONTRACTUAL DUTY TO CONTROL THE SAFEST METHODS OR MEANS OF THE WORK, JOB SITE RESPONSIBILITIES, SUPERVISION OR TO SUPERVISE SAFETY AND DOES NOT VOLUNTARILY ASSUME ANY SUCH DUTY OR RESPONSIBILITY.
- THE CONTRACTOR SHALL COMPLY WITH CFR 29 PART 1926 FOR EXCAVATION TRENCHING AND TRENCH PROTECTION REQUIREMENTS.
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- INFORMATION ON EXISTING UTILITIES AND STORM DRAINAGE SYSTEMS HAS BEEN COMPILED FROM AVAILABLE INFORMATION INCLUDING UTILITY PROVIDER AND MUNICIPAL RECORD MAPS AND/OR FIELD SURVEY AND IS NOT GUARANTEED CORRECT OR COMPLETE. UTILITIES AND STORM DRAINAGE SYSTEMS ARE SHOWN TO ALERT THE CONTRACTOR TO THEIR PRESENCE AND THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETERMINING ACTUAL LOCATIONS AND ELEVATIONS OF ALL UTILITIES AND STORM DRAINAGE SYSTEMS INCLUDING SERVICES. PRIOR TO DEMOLITION OR CONSTRUCTION, THE CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG" 72 HOURS BEFORE COMMENCEMENT OF WORK AT (800) 922-4455 AND VERIFY ALL UTILITY AND STORM DRAINAGE SYSTEM LOCATIONS.
- THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TRAFFIC DEVICES FOR PROTECTION OF VEHICLES AND PEDESTRIANS CONSISTING OF DRUMS, BARRIERS, SIGNS, LIGHTS, FENCES, AND UNIFORMED TRAFFIC CONTROLLERS AS REQUIRED, ORDERED BY THE ENGINEER OF RECORD OR REQUIRED BY THE STATE AND LOCAL GOVERNING AUTHORITIES.
- IF IMPACTED OR CONTAMINATED SOIL IS ENCOUNTERED BY THE CONTRACTOR, THE CONTRACTOR SHALL SUSPEND EXCAVATION WORK OF IMPACTED SOIL AND NOTIFY THE OWNER AND/OR OWNER'S ENVIRONMENTAL CONSULTANT PRIOR TO PROCEEDING WITH FURTHER WORK IN THE IMPACTED SOIL LOCATION UNTIL FURTHER INSTRUCTED BY THE OWNER AND/OR OWNER'S ENVIRONMENTAL CONSULTANT.
- ALL WORK ASSOCIATED WITH THE INSTALLATION OF THE ELECTRIC SERVICE SHALL BE IN COMPLIANCE WITH UTILITY PROVIDER STANDARDS AND SPECIFICATIONS.
- THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING UTILITY COMPANIES 72 HOURS PRIOR TO BEGINNING OF EXCAVATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TAP AND TIE-IN FEES REQUIRED BY UTILITY PROVIDERS.

SOLAR ARRAY INFORMATION

	TOTAL OUTPUT
SIZE DC	2.28 MW
SIZE AC	1.7 MW
MODULE TYPE	PHONO SOLAR PS550M6-24/TH (550W)
MODULE QUANTITY	4,146
SITE AREA	54.95± ACRES

Rev. #:	Date	Description
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Drawn By:	VER	Kevin Solli, P.E. CT 25759
Checked By:	EEL	
Approved By:	KMS	
Project #:	25210601	
Plan Date:	11/18/25	
Scale:	1" = 50'	

PROPOSED SOLAR DEVELOPMENT
2800 BERLIN TURNPIKE
NEWINGTON, CONNECTICUT

Sheet Title:	SITE, GRADING, & UTILITY PLAN	Sheet #:	2.11
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FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.

[illegible]

	PROPERTY LINE
	ADJOINING LOT LINE
	CONSTRUCTION FENCE
	LIMIT OF DISTURBANCE
	SILT FENCE PROTECTION
	SILT SACK INLET PROTECTION
	LIGHT POLE TO BE REMOVED
	TREE TO BE REMOVED

THE FOLLOWING SUGGESTED SEQUENCE OF CONSTRUCTION ACTIVITIES IS PROJECTED BASED UPON ENGINEERING JUDGEMENT AND BEST MANAGEMENT PRACTICES. THE CONTRACTOR MAY ELECT TO ALTER THE SEQUENCING TO BEST MEET THE CONSTRUCTION SCHEDULE, THE EXISTING SITE ACTIVITIES AND WEATHER CONDITIONS. SHOULD THE CONTRACTOR ALTER THE CONSTRUCTION SEQUENCE OR ANY EROSION AND SEDIMENTATION CONTROL MEASURES THEY SHALL MODIFY THE STORMWATER POLLUTION CONTROL PLAN ("SWPCP") AS REQUIRED BY THE GENERAL PERMIT. MAJOR CHANGES IN SEQUENCING AND OR METHODS MAY REQUIRE REGULATORY APPROVAL PRIOR TO IMPLEMENTATION.

1. THE CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING, PHYSICALLY FLAG THE DISTURBED AREA, AND POST A WARNING SIGN AT THE DISTURBANCE IN THE FIELD AS NECESSARY TO FACILITATE THE PRE-CONSTRUCTION MEETING.
2. CONDUCT A PRE-CONSTRUCTION MEETING TO DISCUSS THE PROPOSED WORK AND EROSION AND SEDIMENTATION CONTROL MEASURES TO BE IMPLEMENTED. THE MEETING SHALL BE ATTENDED BY THE OWNER'S REPRESENTATIVE(S), THE GENERAL CONTRACTOR, DESIGNATED SUB-CONTRACTORS AND THE PERSON, OR PERSONS, RESPONSIBLE FOR THE IMPLEMENTATION, OPERATION, MONITORING AND MAINTENANCE OF THE EROSION AND SEDIMENTATION MEASURES. THE PRE-CONSTRUCTION PROCEDURES FOR THE ENTIRE PROJECT SHALL BE REVIEWED AT THIS MEETING.
3. NOTIFY CALIF. BEFORE YOU DIG AT 811, AS REQUIRED, PRIOR TO THE START OF CONSTRUCTION.
4. INSTALL EROSION PREVENTION MEASURES IN ALL DISTURBED AREAS.
5. INSTALL ELECTRICAL CONDUIT.
6. INSTALL FOUNDATIONS, CARPORITS, AND SOLAR PANELS.
7. INSTALL EROSION PREVENTION MEASURES IN ALL DISTURBED AREAS WITH EXISTING PAVEMENT, DISTURBED AREAS THAT WERE NOT ORIGINALLY PAVEMENT SHOULD BE RE-SEEDDED/PLANTED PER THE REQUIREMENTS OF THE OWNER.
8. AT THE SITE IS INSPECTED AND WITH THE APPROVAL OF THE ENGINEER OF RECORD, REMOVE EROSION AND SEDIMENTATION CONTROLS.

CONSTRUCTION OPERATION & MAINTENANCE PLAN

E&S MEASURE	INSPECTION SCHEDULE	MAINTENANCE REQUIRED
CATCH BASIN INLET PROTECTION	WEEKLY & WITHIN 24 HOURS OF RAINFALL > 0.25"	REPAIR/REPLACE WHEN FAILURE OR DETERIORATION IS OBSERVED. REMOVE SEDIMENT ONCE IT REACHES A HEIGHT OF 6" WITHIN THE INLET PROTECTION
SILT FENCE	WEEKLY & WITHIN 24 HOURS OF RAINFALL > 0.25"	REPAIR/REPLACE WHEN FAILURE OR DETERIORATION IS OBSERVED. REMOVE SILT WHEN IT REACHES 1/2 THE HEIGHT OF THE FENCE.

Rev. #:	Date	Description
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A horizontal number line with tick marks at -50, 0, 50, and 100. The line is divided into segments by these tick marks. The segments are filled with alternating black and white colors. From -50 to 0, there are four equal segments, each filled with a different pattern of black and white squares. From 0 to 50, there are two equal segments, each filled with a different pattern of black and white squares. From 50 to 100, there is one segment filled with a different pattern of black and white squares.



MONROE, CT | W. HARTFORD, CT | NORWOOD, MA
SOLLIENGINEERING.COM
T: (203) 880-5455 | F: (203) 880-9695

Drawn By:	VER
Checked By:	EEL
Approved By:	KMS
Project #:	25210601
Plan Date:	11/18/25
Scale:	1" = 50'

1111 0000 2111 2000 1111 1000 0111 0000

PROPOSED SOLAR DEVELOPMENT

2800 BERLIN TURNPIKE
NEWINGTON, CONNECTICUT

Sheet Title: SOIL EROSION & SEDIMENT CONTROL PLAN	Sheet #: 2.31
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FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.

SEDIMENT & EROSION CONTROL NARRATIVE
THE SEDIMENT AND EROSION CONTROL PLAN WAS DEVELOPED TO PROTECT THE EXISTING ROADWAY AND STORM DRAINAGE SYSTEMS, ADJACENT PROPERTIES, AND ANY ADJACENT WETLAND AREA AND WATER COURSE FROM SEDIMENT LADEN SURFACE RUNOFF AND EROSION.

THE ANTICIPATED STARTING DATE FOR CONSTRUCTION IS SPRING 2026 WITH COMPLETION ANTICIPATED BY FALL 2026. APPROPRIATE EROSION CONTROL MEASURES AS DESCRIBED HEREIN, SHALL BE INSTALLED BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF ALL SITE CLEARING OR CONSTRUCTION ACTIVITY. SCHEDULE WORK TO MINIMIZE THE LENGTH OF TIME THAT BARE SOIL WILL BE EXPOSED.

THE CONTRACTOR SHALL INSTALL ALL SPECIFIED EROSION CONTROL MEASURES AND WILL BE REQUIRED TO MAINTAIN THEM IN THEIR INTENDED FUNCTIONING CONDITION. THE LAND USE AGENTS OF THE TOWN OF NEWINGTON AND PROJECT ENGINEER SHALL HAVE THE AUTHORITY TO REQUIRE SUPPLEMENTAL MAINTENANCE OR ADDITIONAL MEASURES IF FIELD CONDITIONS ARE ENCOUNTERED BEYOND WHAT WOULD NORMALLY BE ANTICIPATED.

CLEARING, GRUBBING & DEMOLITION OPERATIONS:

1. ALL SEDIMENTATION AND EROSION CONTROL MEASURES WILL BE INSTALLED BEFORE THE START OF CLEARING, GRUBBING AND DEMOLITION OPERATIONS.
2. FOLLOWING INSTALLATION OF ALL SEDIMENTATION AND EROSION CONTROL MEASURES, THE CONTRACTOR SHALL NOT PROCEED WITH GRADING, FILLING, OR OTHER CONSTRUCTION OPERATIONS UNTIL THE MEASURES HAVE BEEN RECORDED AS INSPECTED AND APPROVED ALL INSTALLATIONS.
3. THE CONTRACTOR SHALL TAKE EXTREME CARE DURING CLEARING, GRUBBING, AND DEMOLITION OPERATIONS SO AS NOT TO DISTURB SEDIMENTATION AND EROSION CONTROL DEVICES AS WELL AS EXISTING LANDSCAPED AREAS.
4. FOLLOWING THE COMPLETION OF CLEARING, GRUBBING, AND DEMOLITION OPERATIONS, ALL AREAS SHALL BE STABILIZED WITH TOPSOIL AND SEEDING. PROCESSED AGGREGATE STONE, OR DUGGED MAY AS SOON AS PRACTICAL.

1. PAVEMENT SUB-BASE AND BASE COURSES SHALL BE INSTALLED OVER AREAS TO BE PAVED AS SOON AS FINAL SUB-GRADES ARE ESTABLISHED AND UNDERGROUND UTILITIES AND STORM DRAINAGE SYSTEMS HAVE BEEN INSTALLED.
2. AFTER CONSTRUCTION OF PAVEMENT, TOPSOIL, FINAL SEEDING, MULCH AND LANDSCAPING, REMOVE ALL TEMPORARY EROSION CONTROL DEVICES ONLY AFTER ALL AREAS HAVE BEEN PAVED AND/OR GRASS HAS BEEN WELL ESTABLISHED AND THE SITE HAS BEEN INSPECTED AND APPROVED BY THE ENGINEER OF RECORD.

1. SILT SACK INLET PROTECTION:
 - 1.1. REMOVE CATCH BASIN GRATE AND PROPERLY PLACE THE SILT SACK INTO THE FRAME OF THE CATCH BASIN.
 - 1.2. PLACE GRATE BACK ONTO FRAME AND ENSURE NO PORTIONS OF THE SILT SACK HAVE SAGGED INTO THE CATCH BASIN.
 - 1.3. ONCE GRATE IS PLACED BACK ONTO FRAME OBSERVE TO SEE IF SILT SACK IS INSTALLED IN A MANNER THAT WILL ALLOW FOR SEDIMENT TO BE FILTERED OUT DURING STORM EVENTS.

2. SILTATION FENCE:
 - 2.1. DIG A SIX INCH TRENCH ON THE UPHILL SIDE OF THE DESIGNATED FENCE LINE LOCATION.
 - 2.2. POSITION THE POST AT THE BACK OF THE TRENCH (DOWNHILL SIDE), AND HAMMER THE POST AT LEAST 1.5 FEET INTO THE GROUND.
 - 2.3. LAY THE BOTTOM SIX INCHES OF THE FABRIC INTO THE TRENCH TO PREVENT UNDERMINING BY STORM WATER RUN-OFF. BACKFILL THE TRENCH AND COMPACT.

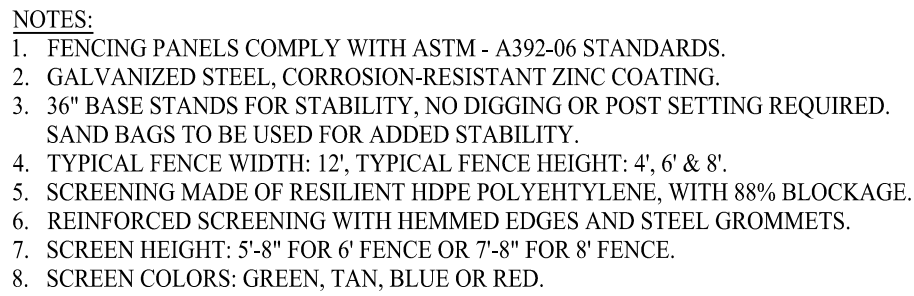
1. SILT SACK INLET PROTECTION:
 - 1.1. ALL SILT SACK INLET PROTECTION DEVICES SHALL BE INSPECTED AT A MINIMUM WEEKLY OR AFTER EACH RAINFALL. ALL DETERIORATE SILT SACKS AND SACKS THAT APPEAR TO HAVE AN EXCESS OF SEDIMENT SHALL BE REPLACED AND PROPERLY REPOSITIONED IN ACCORDANCE WITH THIS PLAN.
 - 1.2. SEDIMENT DEPOSITS SHALL BE REMOVED FROM THE SILT SACKS WHEN THEY EXCEED A COUPLE INCHES OF SEDIMENT WITHIN THE CATCH BASIN.

2. SILTATION FENCE:
- 2.1. ALL SILTATION FENCES SHALL BE INSPECTED AT A MINIMUM WEEKLY OR AFTER EACH RAINFALL. ALL DETERIORATED FABRIC AND DAMAGED POSTS SHALL BE REPLACED AND PROPERLY REPOSITIONED IN ACCORDANCE WITH THIS PLAN.
- 2.2. SEDIMENT DEPOSITS SHALL BE REMOVED FROM BEHIND THE FENCE WHEN THEY EXCEED A HEIGHT OF ONE FOOT.

1. CATCH BASINS WILL BE PROTECTED WITH SILT SACKS OR OTHER INLET PROTECTION DEVICES PER DETAILS, THROUGHOUT THE CONSTRUCTION PERIOD. THE PROTECTION SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD.
2. ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL MANUAL, LATEST EDITION.
3. EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED PRIOR TO CONSTRUCTION WHEREVER POSSIBLE.
4. ALL CONTROL MEASURES WILL BE MAINTAINED IN EFFECTIVE CONDITION THROUGHOUT THE CONSTRUCTION PERIOD.
5. ADDITIONAL CONTROL MEASURES WILL BE INSTALLED DURING THE CONSTRUCTION PERIOD, IF NECESSARY OR REQUIRED OR AS DIRECTED BY THE ENGINEER FOR REASON OF THE GOVERNING OFFICIALS.
6. SEDIMENT REMOVED FROM EROSION CONTROL STRUCTURES WILL BE DISPOSED IN A MANNER WHICH IS CONSISTENT WITH THE INTENT AND REQUIREMENTS OF THE EROSION CONTROL PLANS, NOTES, AND DETAILS.
7. THE OWNER IS ASSIGNED THE RESPONSIBILITY FOR IMPLEMENTING THIS EROSION AND SEDIMENT CONTROL PLAN. THE RESPONSIBILITY INCLUDES THE PROTECTION AND MAINTENANCE OF CONTROL MEASURES, INFORMING ALL PARTIES ENGAGED ON THE CONSTRUCTION SITE OF THE REQUIREMENTS AND OBJECTIVES OF THE PLAN.



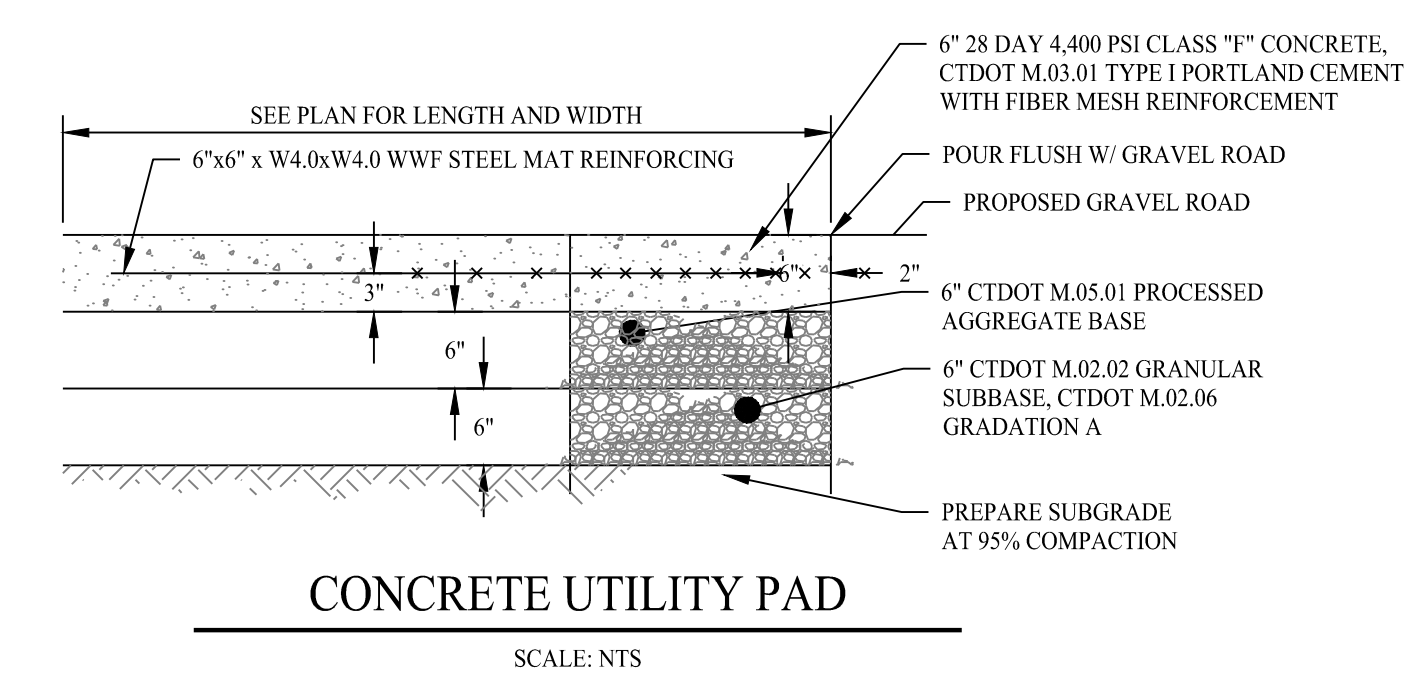
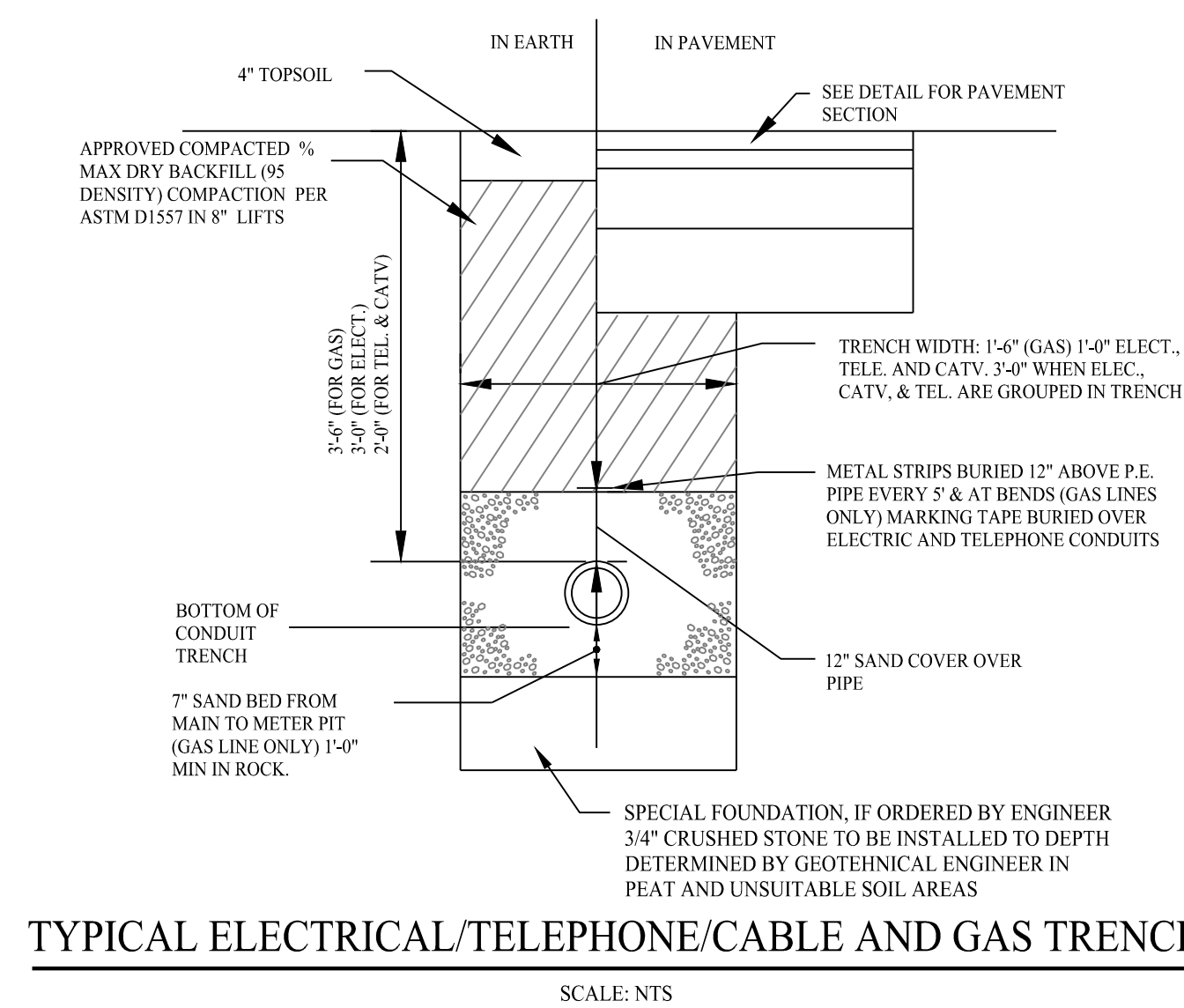
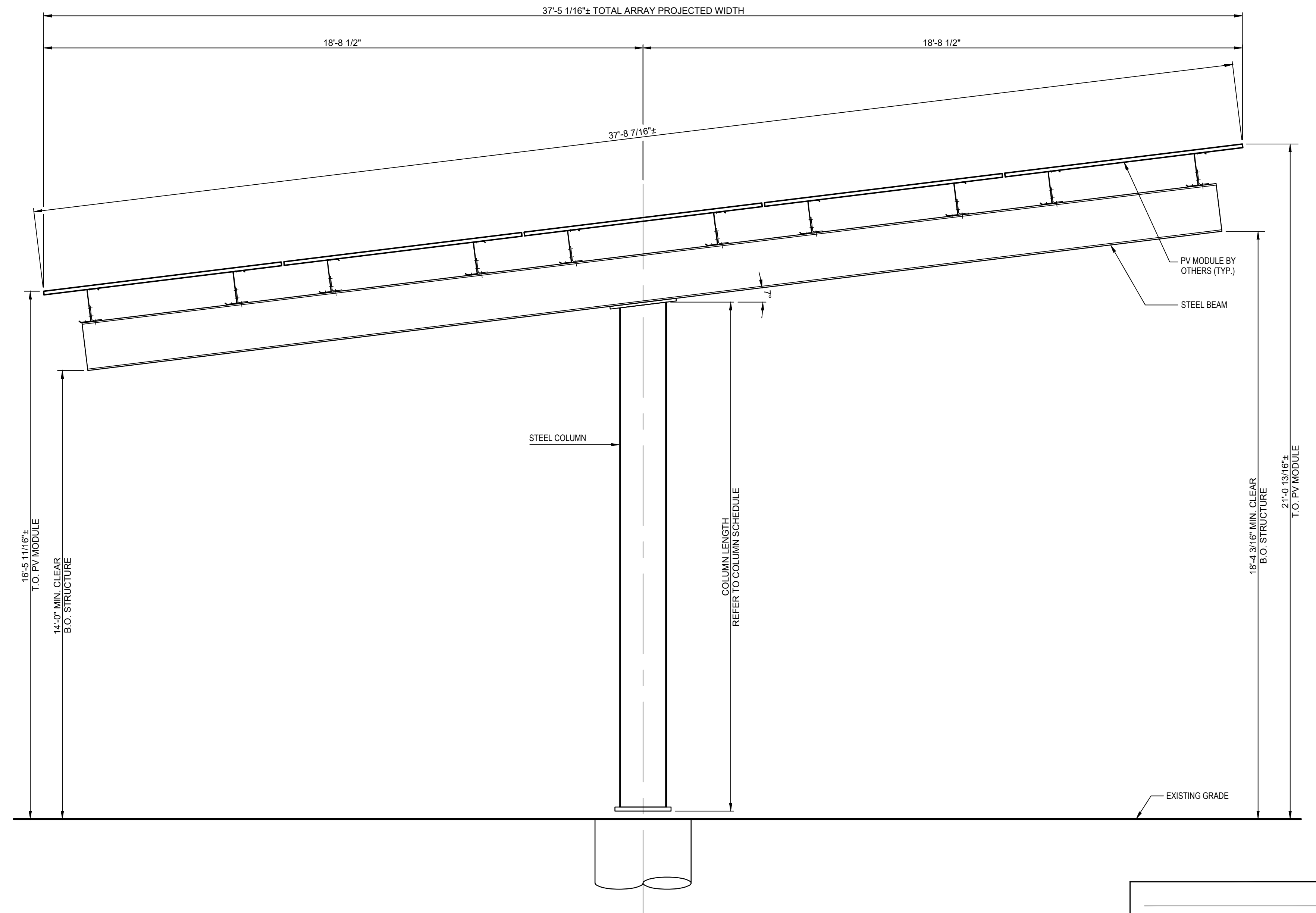
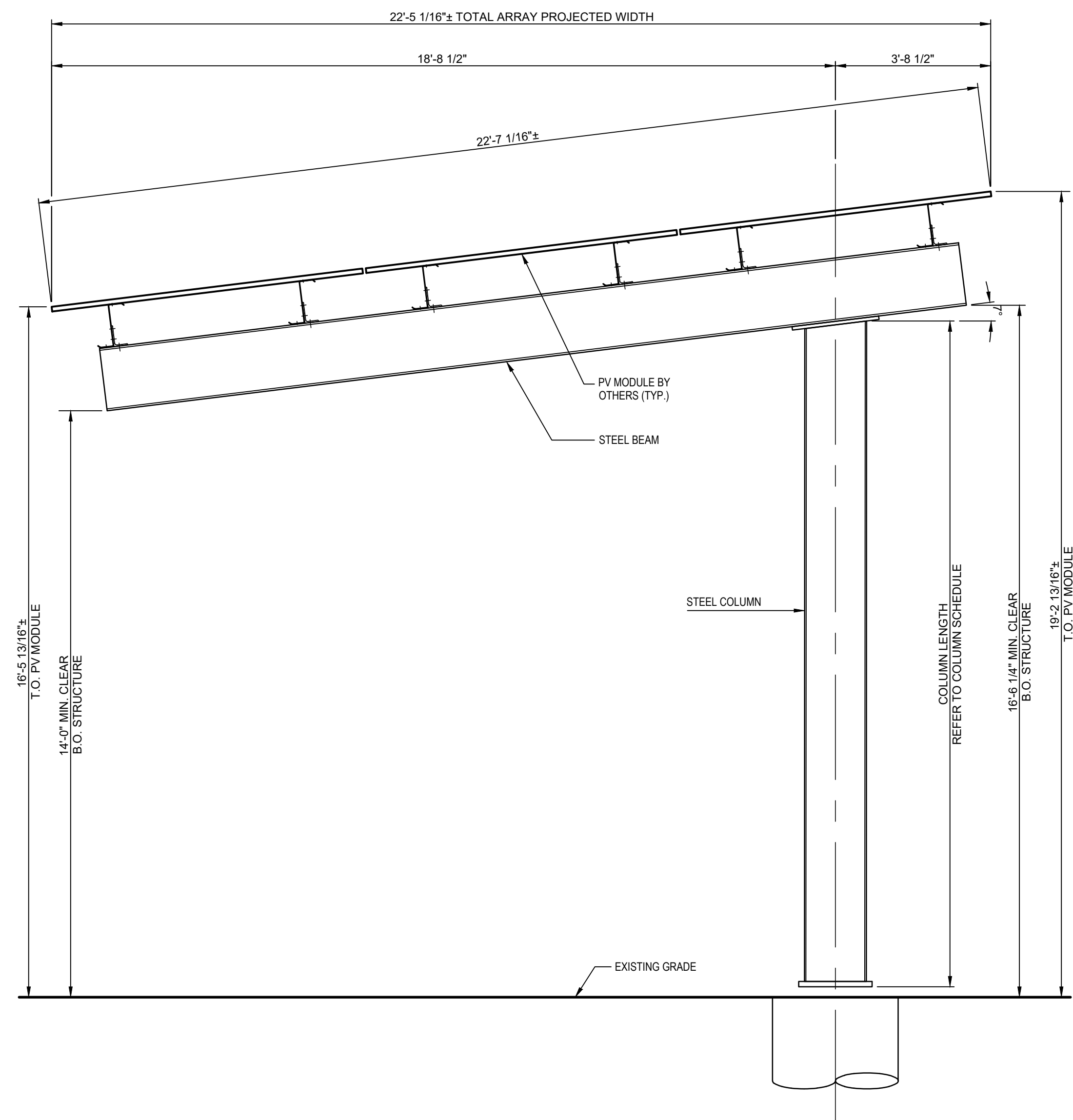
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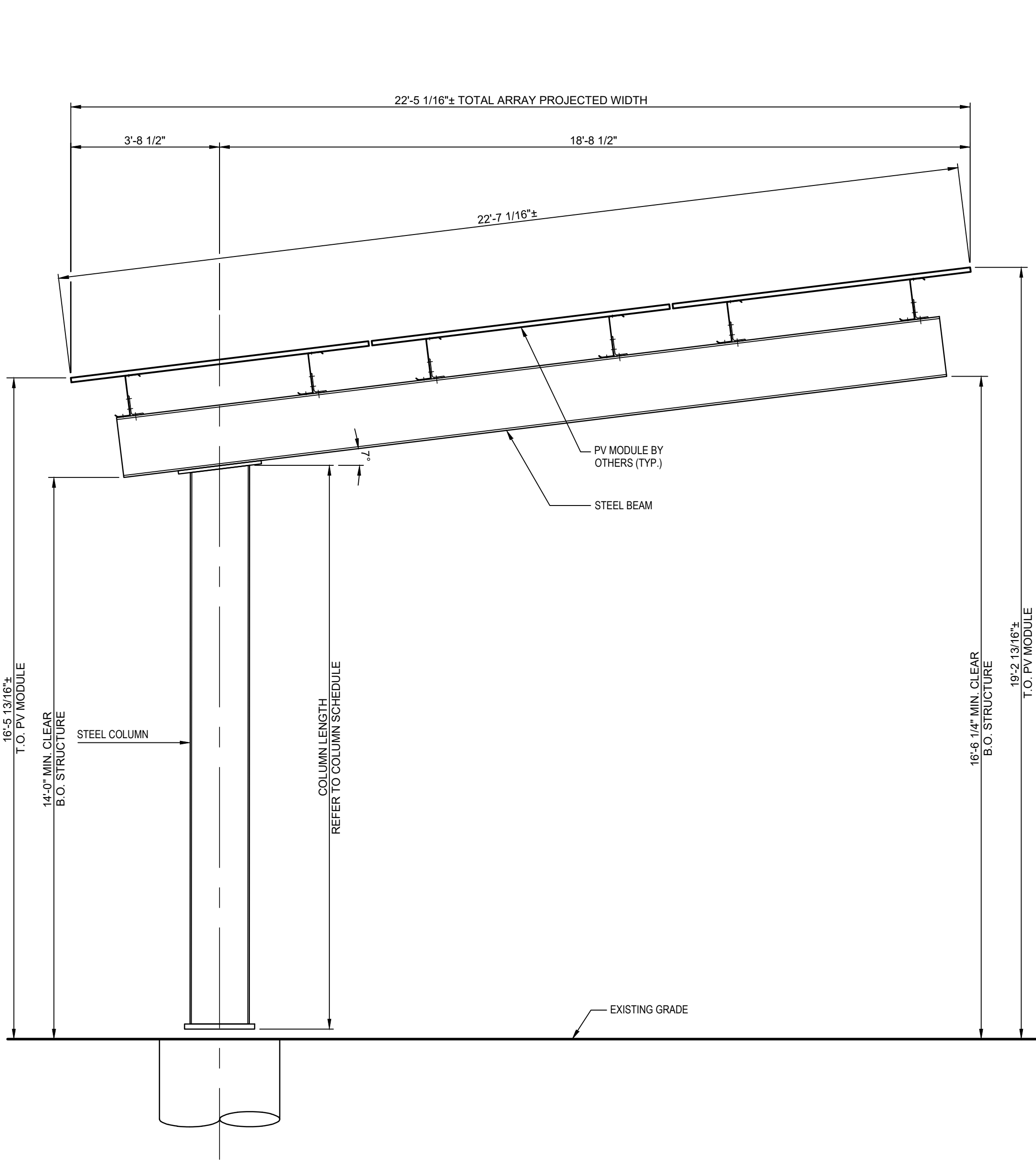
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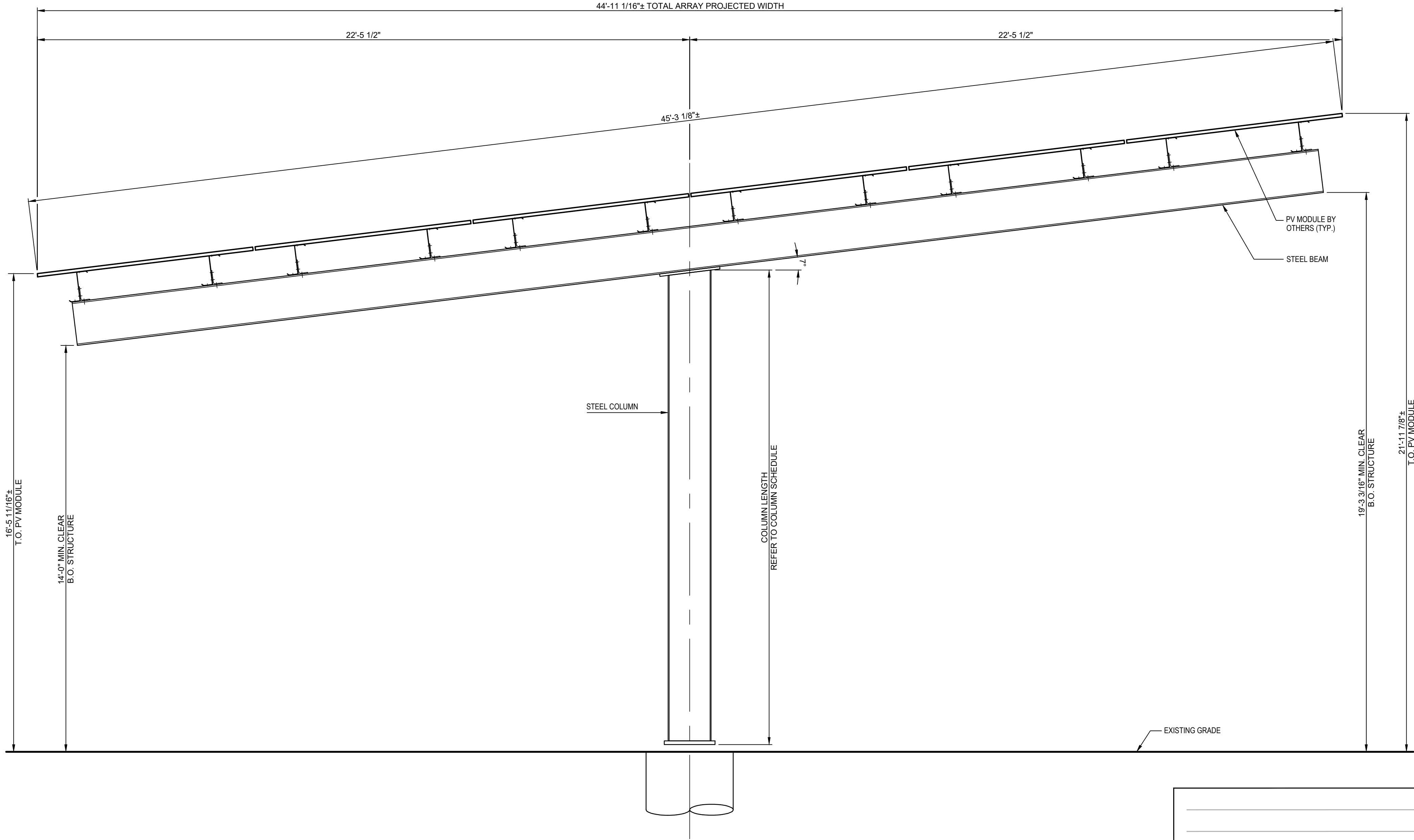


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3 MODULE CARPORT ARRAY

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6 MODULE CARPORT ARRAY

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Graphic Scale:



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Project #:	25210601	
Plan Date:	11/18/25	
Scale:	NTS	

Project:

PROPOSED SOLAR DEVELOPMENT

2800 BERLIN TURNPIKE
NEWINGTON, CONNECTICUT

Sheet Title:	Sheet #:
CONSTRUCTION DETAILS	3.02

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