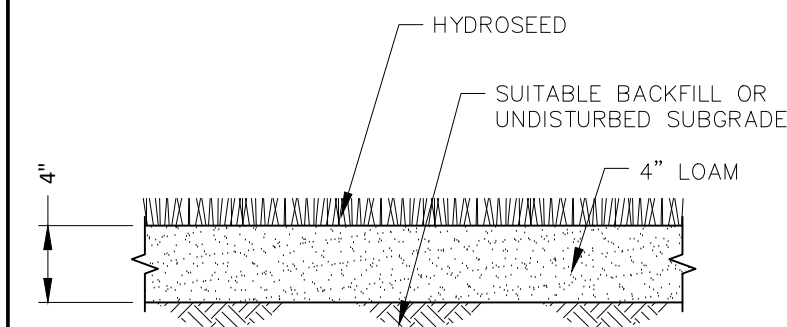


EROSION CONTROL AT CATCH BASIN
NOT TO SCALE



LOAM AND SEED
NOT TO SCALE

- NOTES:
1. ALL DISTURBED AREA SHALL BE GRADED TO A DEPTH SUITABLE FOR INSTALLING THE LOAM PER THE GRADING PLAN AND PROPERLY SEEDED.
 2. TOPSOIL - NO STONES GREATER THAN 3/4", COMPACT WITH A HANDROLLER IN TWO DIRECTIONS & FINE RAKE PRIOR TO SEEDING
 3. SUBSOIL - COMPACTED AT 90% MAXIMUM DRY DENSITY
 4. SEED - NATIVE HYDROSEED MIX

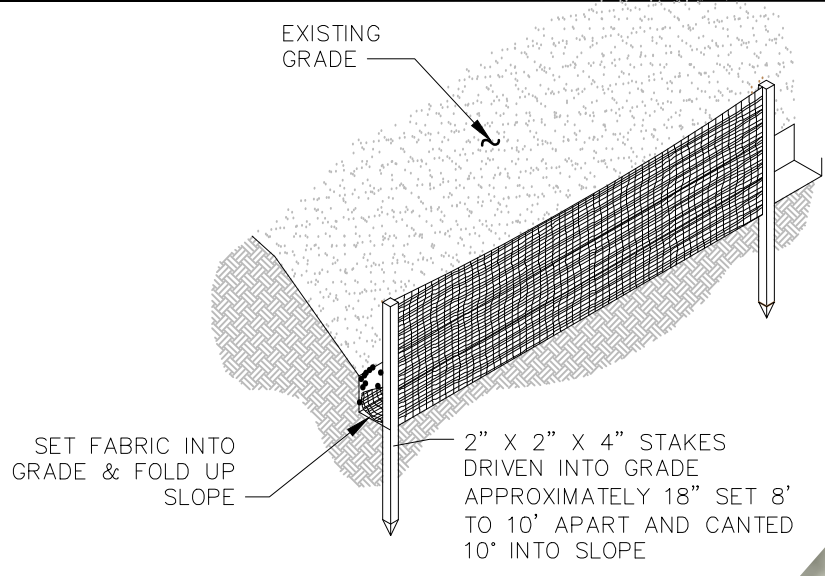
TABLE OF
DIMENSIONAL CONTROLS

ZONING DISTRICT: SC
MINIMUM LOT SIZE: 87,120 S.F.
MIN. LOT FRONTAGE : 200 FT.

MINIMUM FRONT YARD SETBACK: 40 FT.
MINIMUM SIDE YARD SETBACK: 25 FT.
MINIMUM REAR YARD SETBACK: 25 FT.
CBA 50% OF REQ'D MIN. LOT AREA
LOT WIDTH SHALL BE 75% OF THE
REQUIRED FRONTAGE @ THE MIN. LOT
DEPTH OF 150'

1. OWNER OF RECORD:
COMMONWEALTH OF MASSACHUSETTS
100 CAMBRIDGE ST.
BOSTON, MA 01224

LEASE: CITY OF HAVERHILL
4 SUMMER STREET
HAVERHILL MA, 01830
2. DEED REFERENCE:
BK 5451 PG 264
PLAN REFERENCE:
PLBK 152 PG 40
PLBK 105 PG 99
PLBK 115 PG 68
PLBK 389 PG 60
PLBK 4659 PG 600
ESSEX REGISTRY OF DEEDS
3. HORIZONTAL DATUM: NAD83 MASSACHUSETTS STATE PLANE COORDINATE SYSTEM (M.S.P.C.S), MAINLAND ZONE IN US SURVEY FEET.
4. VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88), IN US SURVEY FEET.
5. OFF-SITE TOPOGRAPHY OBTAINED FROM NOAA ELEVATION/LIDAR DATA ACCESS VIEWER
6. ABUTTING PROPERTY LINES, BUILDING LOCATION AND WETLANDS OBTAINED FROM MASS MAPPER GIS AND RECORD PERMITTING PLANS.
7. UNDERGROUND UTILITIES DEPICTED HEREON ARE BASED UPON VISIBLE, ABOVE GROUND EVIDENCE, RECORD INFORMATION AND GROUND PENETRATION RADAR INFORMATION. LOCATIONS ARE ONLY APPROXIMATE. CONTRACTOR IS RESPONSIBLE FOR TAKING ALL NECESSARY PRECAUTIONS BEFORE BEGINNING ANY EXCAVATION. (DIG SAFE 1-888-344-7233)
8. THE LOCUS PROJECT AREA IS NOT LOCATED INSIDE A FLOOD ZONE
9. ZONING DISTRICT R1



SILT FENCE DETAIL
NOT TO SCALE



SEDIMENTATION CONTROL LEGEND



STABILIZED CONSTRUCTION ENTRANCE
(SEE DETAIL SHEET D-1)

SEDIMENT CONTROL BARRIER



TEMPORARY CONSTRUCTION FENCE AND LIMIT OF WORK



GREEN SEAL ENVIRONMENTAL, LLC
114 STATE ROAD, BUILDING B
SAGAMORE BEACH, MA 02562
TEL: (508) 888-6034
FAX: (508) 888-1506
WWW.GSEENV.COM

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DIMENSIONS ARE AS INDICATED.

USE OF THIS PLAN CONSTITUTES ACCEPTANCE OF TERMS AND CONDITIONS SET FORTH IN ACCOMPANYING PROJECT DOCUMENTATION.

IT IS THE RESPONSIBILITY OF THE USER TO CONFIRM DISCREPANCIES WITH THE ENGINEER PRIOR TO USE.

REVISIONS		
NO.	DATE	COMMENT

480 kW AC SOLAR
CANOPY

PURPOSE:

SITE PLAN REVIEW

LOCUS:
NORTHERN ESSEX
COMMUNITY COLLEGE
100 ELLIOTT ST
HAVERHILL, MA 01803

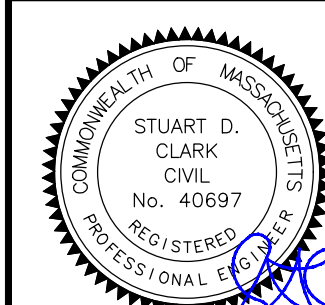
PREPARED FOR:
SOLECT ENERGY
DEVELOPMENT

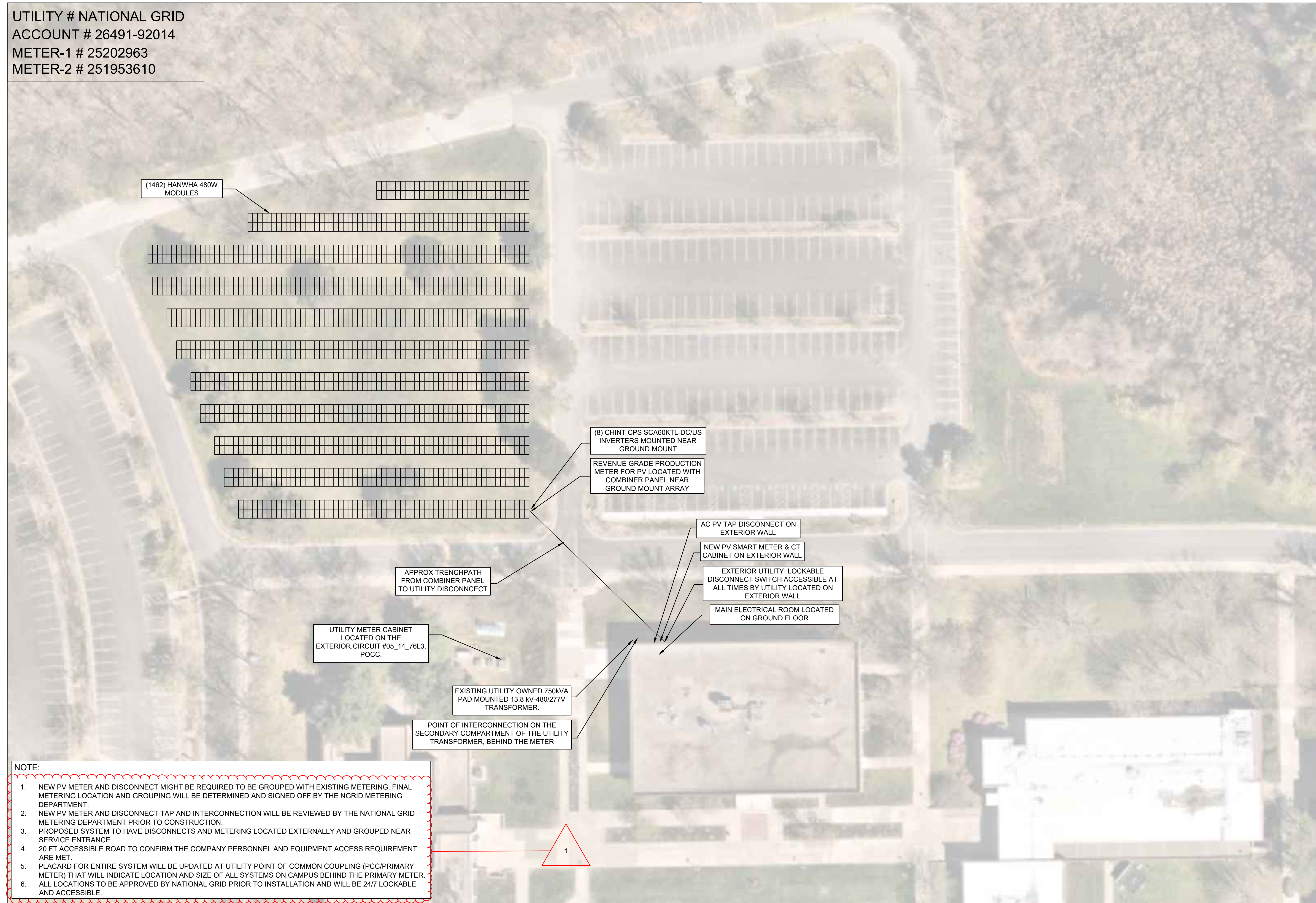
DRAWING TITLE:
PARTIAL EXISTING
CONDITIONS & SITE PLAN

CAD TECH: JDP	CHECKED BY: SDC
------------------	--------------------

ENGINEER: SDC	DATE: 05/27/2025
------------------	---------------------

SCALE: 1"=20'	SHEET: V-100
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REVISIONS			
NO.	DATE	DESCRIPTION	BY
1	11/21/23	IA REVISION	CP

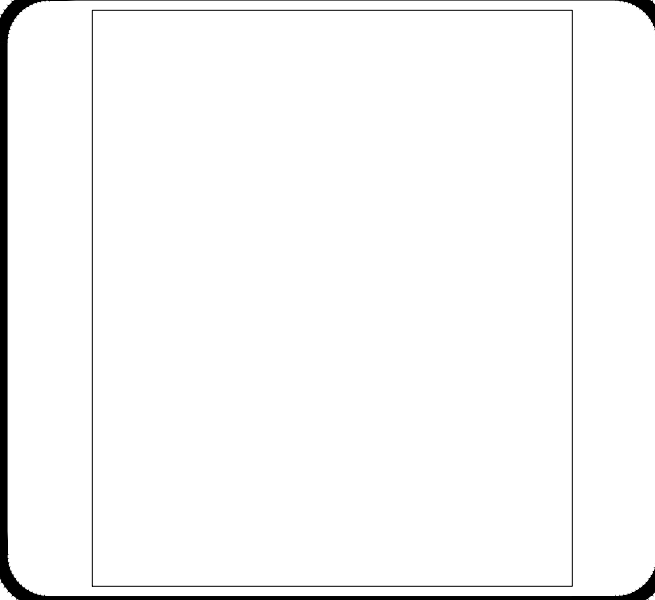
ISSUED FOR
IA



89 Hayden Rowe Street, Suite E
Hopkinton, MA 01748 - (508) 598-3511

PROPOSED ROOF MOUNTED
SOLAR PV SYSTEM
NORTHERN ESSEX COLLEGE
100 ELLIOT ST OFC, OFF
HAVERHILL, MA 01830

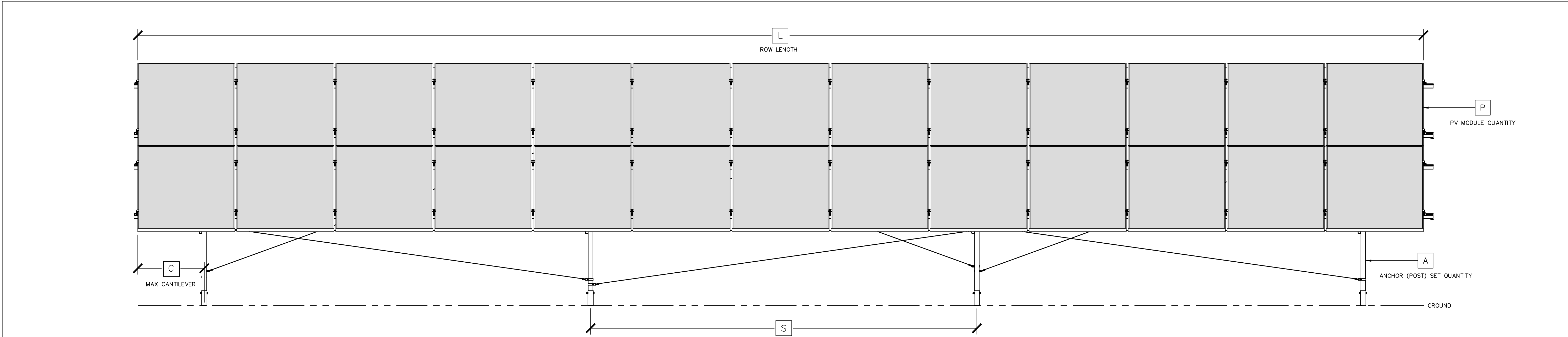
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SCALE	AS NOTED
DATE	09/11/23
DRAWN BY	AP
CHECKED BY	
SHEET	
PVSP-1	

SCALE IS REDUCED WHEN SHEET SIZE IS 11" x 17"

7/19/2023 2:53:27 PM J02796 00:46:18 1:151 engineering\j2796ms Res\res\std\std - distribution\org\mod\07 - 25025.rvt documents\org\std - mod\001-003 - org - endorsed - 0466

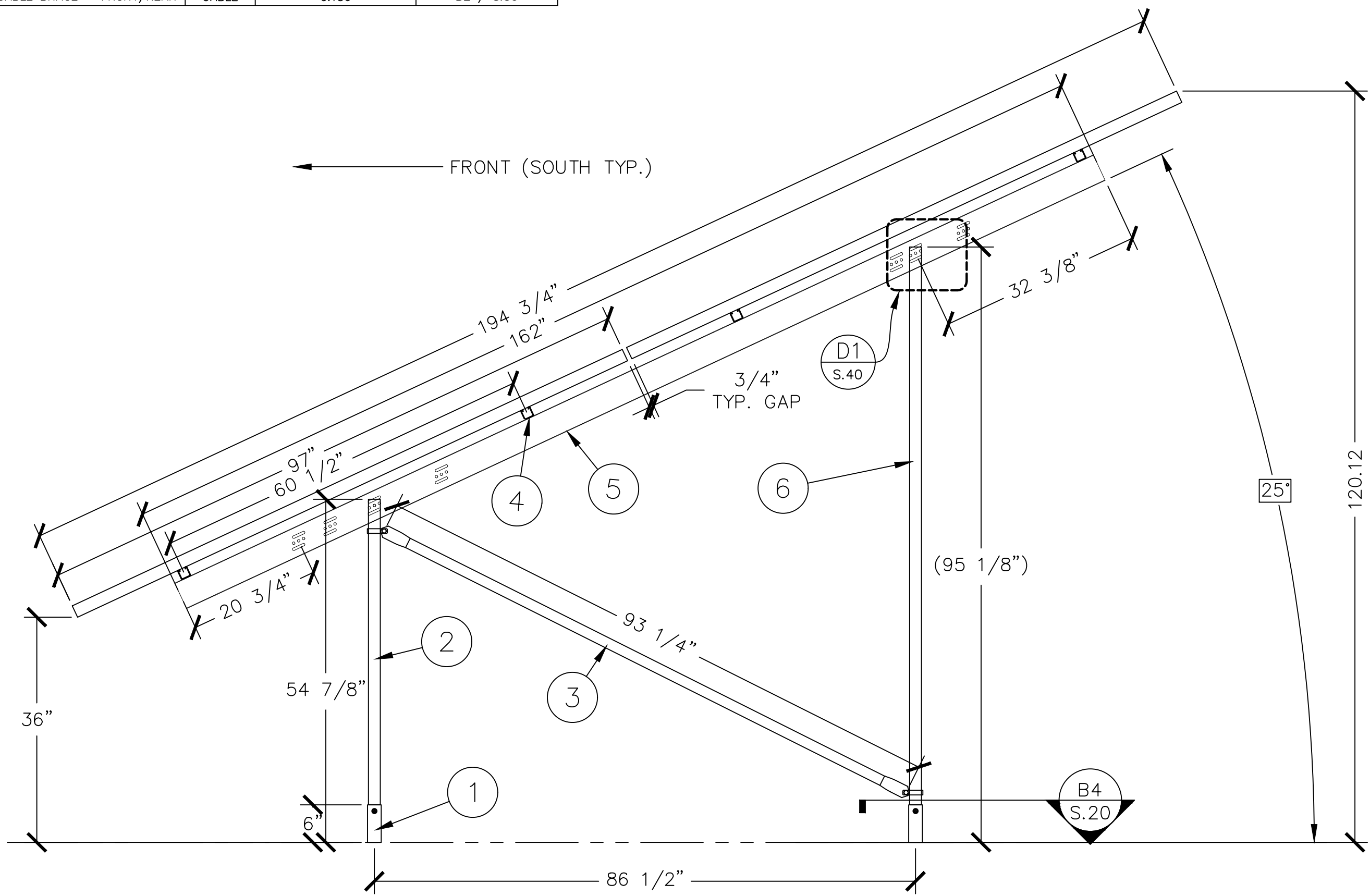


NOTES: MAX CANTILEVER, C, MEASURED FROM EDGE OF PANEL TO POST CENTER.
MAX SPAN, S, MEASURED CENTER-TO-CENTER.
C & S DIMENSIONS FROM STATE LETTER AND REQUIRED SITE DESIGN CRITERIA.
POST QUANTITY, A, AS REQUIRED TO SATISFY DIMENSIONS C & S, ROW LENGTH, L, & PANEL QUANTITY P, PER TABLES IN STATE LETTER.

IMAGE REFERENCE ONLY. NOT INDICATIVE OF REQUIRED QUANTITIES OR DIMENSIONS.

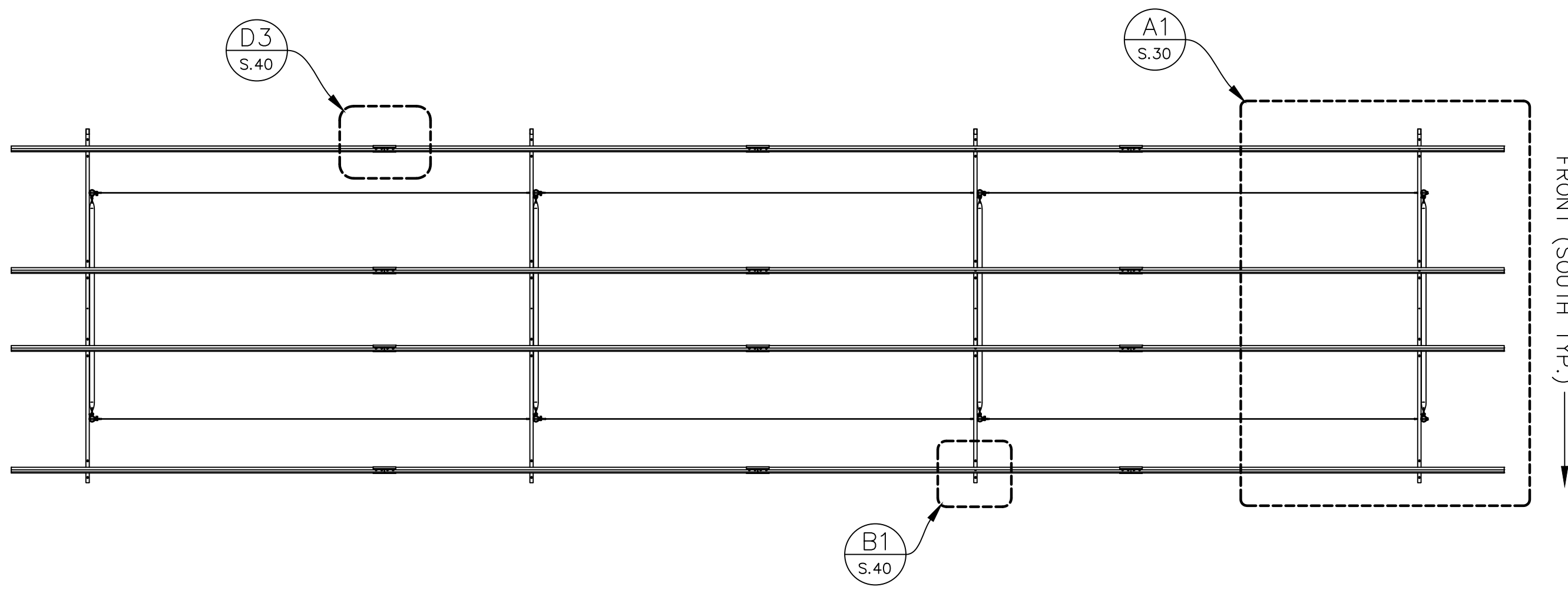
D1 ELEVATION VIEW (FRONT) – 25°

PARTS LIST				
ITEM	DESCRIPTION	SHAPE	DIMENSIONS (IN.)	DETAIL
1	LOWER ANCHOR	PIPE	2.2 x 0.120	C1 / S.20
2	UPPER ANCHOR – FRONT	PIPE	1.9 x 0.120	B1 / S.20
3	HARD BRACE	PIPE	1.66 x 0.065	C2 / S.50
4	EAST/WEST PURLIN	STRUT	1.625 x 1.625 x 0.108	D2 / S.30
5	NORTH/SOUTH CHORD	CEE	4.5 x 1.188 x 0.070	E3 / S.30
6	UPPER ANCHOR – REAR	PIPE	1.9 x 0.120	A1 / S.20
7	CABLE BRACE – FRONT/REAR	CABLE	0.156	B2 / S.50



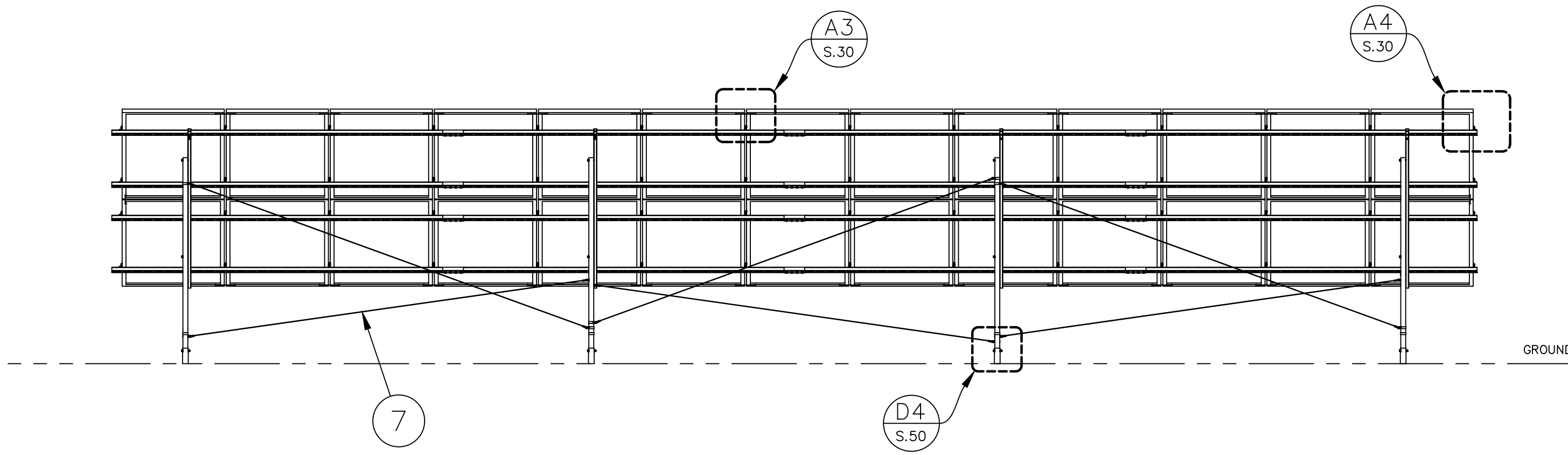
NOTES: PV MODULE & MODULE RELATED DIMENSIONS THIS DETAIL ARE MAX ALLOWABLE. SEE STATE LETTER FOR FURTHER INFORMATION.
ADDITIONAL DIMENSIONS ARE NOMINAL FROM LEVEL GROUND. SEE NOTES SHEET FOR TOLERANCES.

A1 PROFILE VIEW – 25°



PV MODULES REMOVED FOR CLARITY.

B4 PLAN VIEW – 25°



A4 ELEVATION VIEW (REAR) – 25°

RACKING PROVIDER

APA
SOLAR RACKING

20-345 COUNTY ROAD X
RIDGEVILLE CORNERS, OHIO 43555
(P) 419.267.5280
(F) 419.267.5214
WWW.APALTERNATIVES.COM

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the jdi group
architects & engineers

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MAUMEE, OH 43537
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PROFESSIONAL SEAL/STAMP

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STATE STAMPED
CERTIFICATION
DOCUMENT/S

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SHEET REVISIONS		
REV.	DESCRIPTION	DATE
A	INITIAL RELEASE	7/11/2023

APPROVED

DRAWN	REVIEWED	APPROVED	SIZE
JK	TM	JDI	D
SHEET NAME			
RACKING OVERVIEW			
25° TILT			
PROJECT NUMBER			
RRD23JUS-002			
DRAWING NUMBER		REV.	
S.12		A	