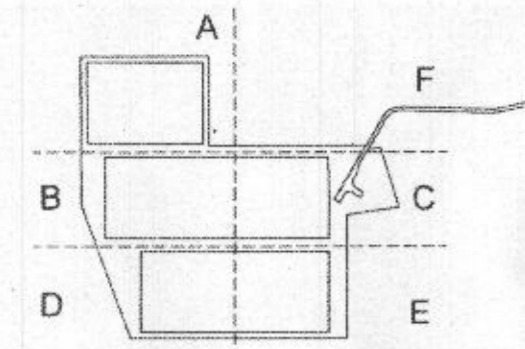


SYSTEM DESCRIPTION

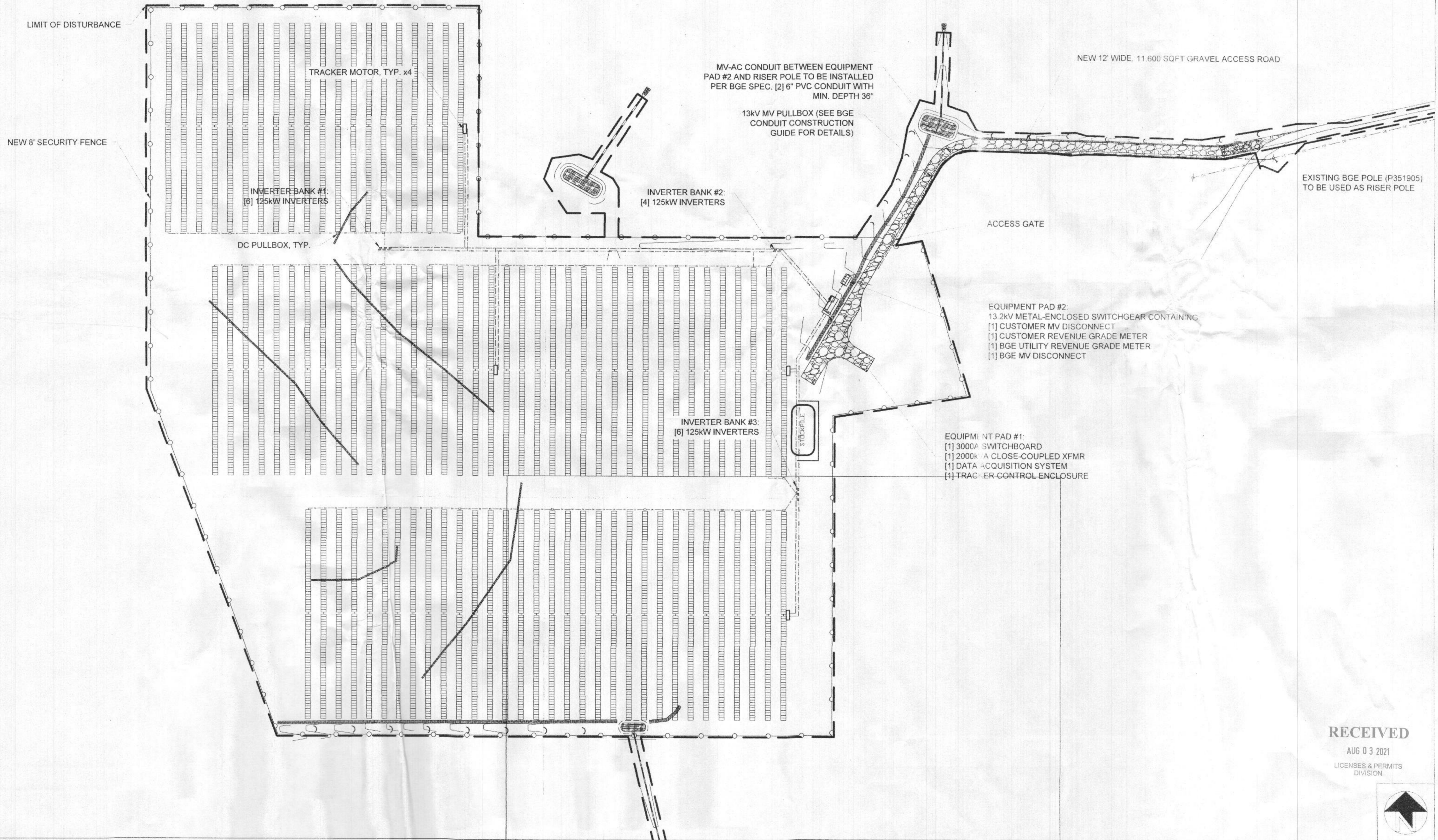
MODULE TYPE:	HYUNDAI HIS-S390PI
QUANTITY:	7,290 MODULES (270 STRINGS 27)
SYSTEM SIZE (DC):	2,843.1 kW
MOUNTING SYSTEM:	ARRAY TECHNOLOGIES DURATRACK v3
TILT ANGLE:	-52° TO 52°
ARRAY AZIMUTH:	180°
MONITORING SYSTEM:	ALSOENERGY
INVERTERS:	[16] DELTA M125HV
SYSTEM SIZE (AC):	2,000 kW

ARRAY SECTION MAP:



CONDUCTOR ROUTING KEY:

DC TRENCHING:	— DC —	— DC —
LV AC TRENCHING:	— AC —	— AC —
MV AC TRENCHING:	— MV-AC —	— MV-AC —
CAT-5 TRENCHING:	— CAT-5 —	— CAT-5 —
COMM TRENCHING:	— COMM —	— COMM —



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 LICENSE # 45433
 EXP. DATE 05/19/2022

PROJECT TITLE: OVER - METALMARK
 PROJECT ADDRESS: 688 SYKESVILLE ROAD, SYKESVILLE, MD 21784
 SHEET TITLE: ELECTRICAL PLAN

ISSUED SET / REVISIONS

REV	DATE
30%	4/6/2021
60%	6/8/2021
IFP	6/24/2021
-	-
-	-
-	-
-	-
-	-

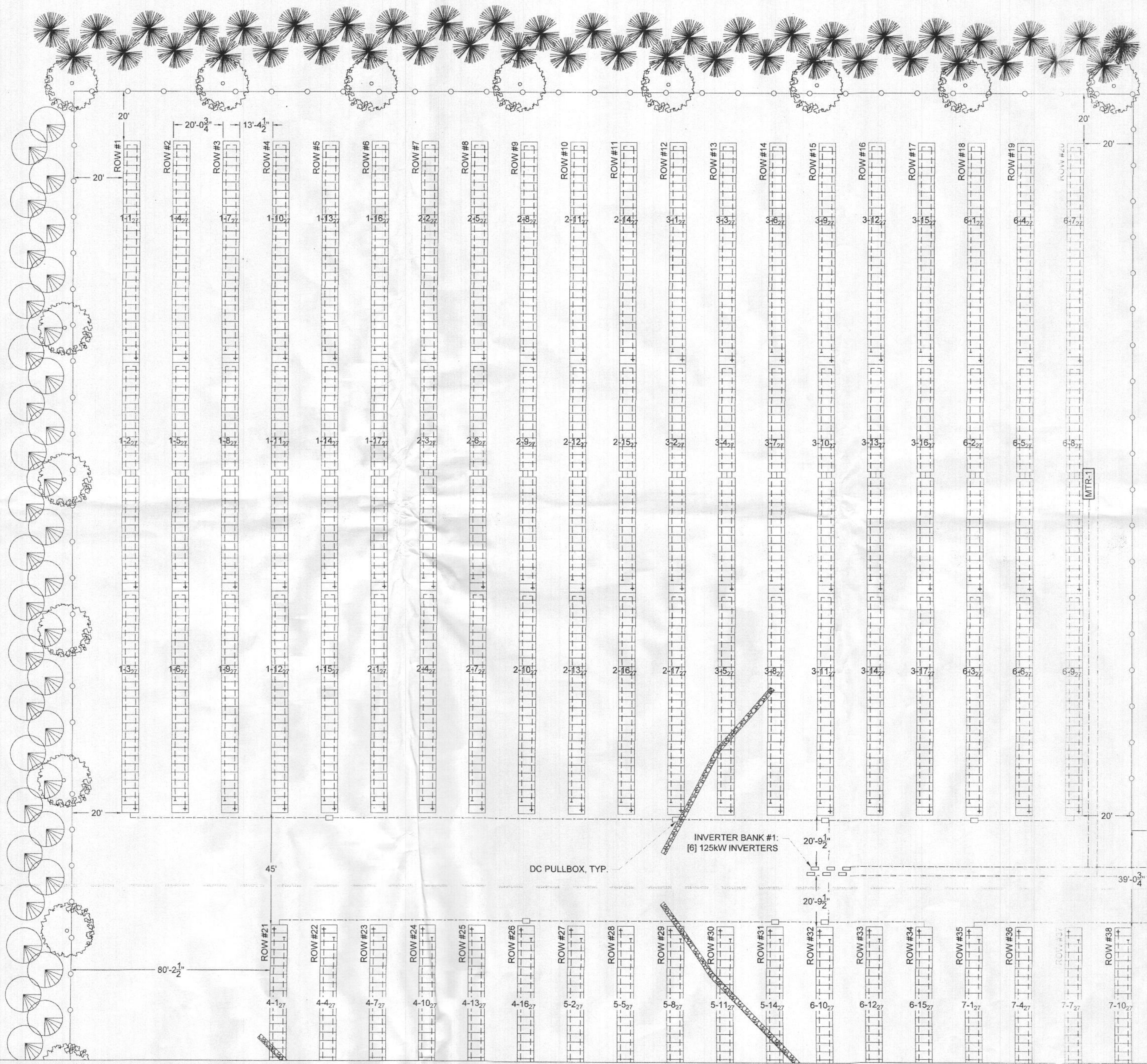
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PROJECT NUMBER: 20-228
 DRAWN BY: TJA
 APPROVED BY: NAG
 DATE: 6/24/2021
 ORIGINAL SHEET SIZE: 36X24
 SHOULD MEASURE 1"
 SCALE: 1" = 60'
 DRAWING

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E1.1

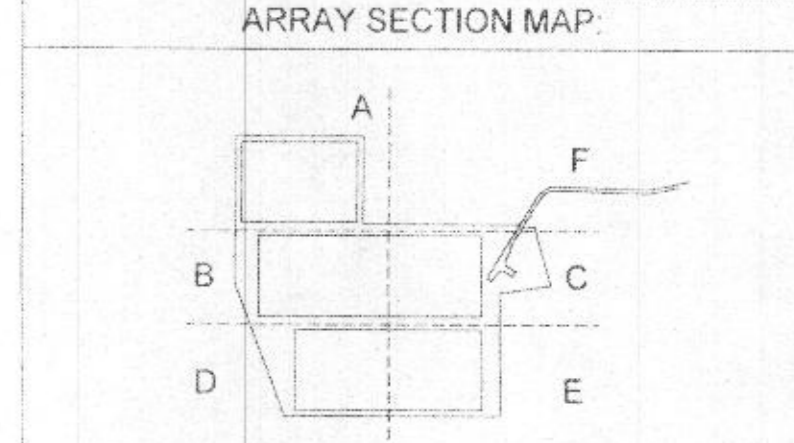


SYSTEM DESCRIPTION

MODULE TYPE: HYUNDAI HIS-S390PI
 QUANTITY: 7,290 MODULES (270 STRINGS 27)
 SYSTEM SIZE (DC): 2,843.1 kW
 MOUNTING SYSTEM: ARRAY TECHNOLOGIES DURATRACK v3

TILT ANGLE: -52° TO 52°
 ARRAY AZIMUTH: 180°
 MONITORING SYSTEM: ALSOENERGY
 INVERTERS: [16] DELTA M125HV

SYSTEM SIZE (AC): 2,000 kW



CONDUCTOR ROUTING KEY:

DC TRENCHING	DC	DC
LV AC TRENCHING	AC	AC
MV AC TRENCHING	MV-AC	MV-AC
CAT-5 TRENCHING	CAT-5	CAT-5
COMM TRENCHING	COMM	COMM

EQUIPMENT LABELING LEGEND:

STRING:	INVERTER / COMBINER BOX NUMBER	NUMBER OF MODULES IN STRING	STRING NUMBER
	1-1 ₂₇	1-1 ₂₇	1-1 ₂₇

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 LICENSE # 45433
 EXPI. DATE: 05/19/2022

PROJECT TITLE: OER - METAL MARK
 PROJECT ADDRESS: 688 SYKESVILLE ROAD, SYKESVILLE, MD 21784
 SHEET TITLE: PARTIAL ELECTRICAL A

ISSUED SET / REVISIONS

REV	DATE
30%	4/6/2021
60%	6/8/2021
100%	6/24/2021

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PROJECT NUMBER: 20-228

DRAWN BY: TJA

APPROVED BY: NAG

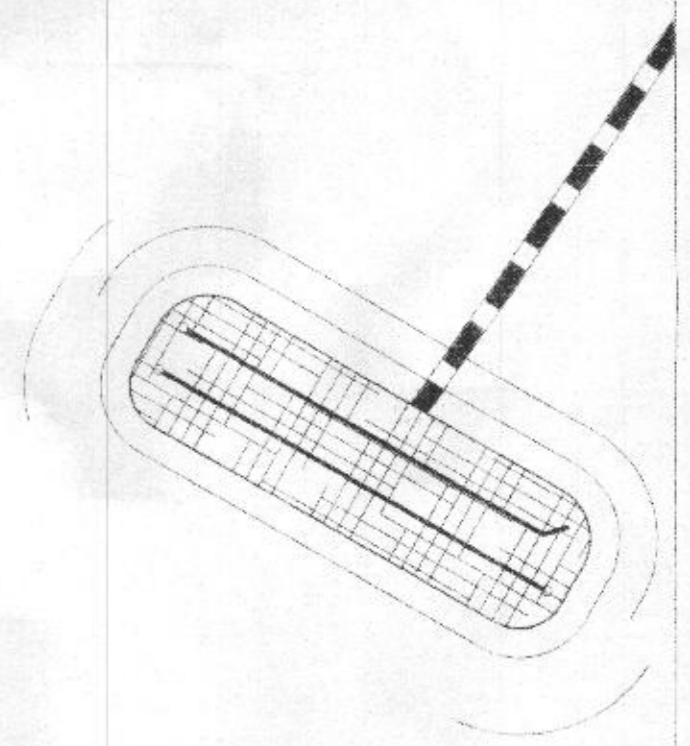
DATE: 6/24/2021

ORIGINAL SHEET SIZE: 36X24 SHOULD MEASURE 1"

SCALE: 1" = 20'

DRAWING

E1.2



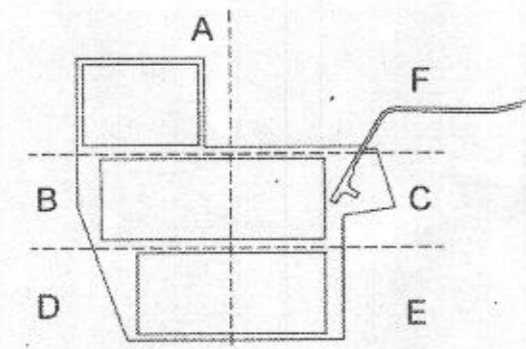
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SYSTEM DESCRIPTION

MODULE TYPE: HYUNDAI HIS-S390PI
 QUANTITY: 7,290 MODULES (270 STRINGS 27)
 SYSTEM SIZE (DC): 2,843.1 kW
 MOUNTING SYSTEM: ARRAY TECHNOLOGIES DURATRACK v3
 TILT ANGLE: -52° TO 52°
 ARRAY AZIMUTH: 180°
 MONITORING SYSTEM: ALSOENERGY
 INVERTERS: [16] DELTA M125HV

SYSTEM SIZE (AC): 2,000 kW

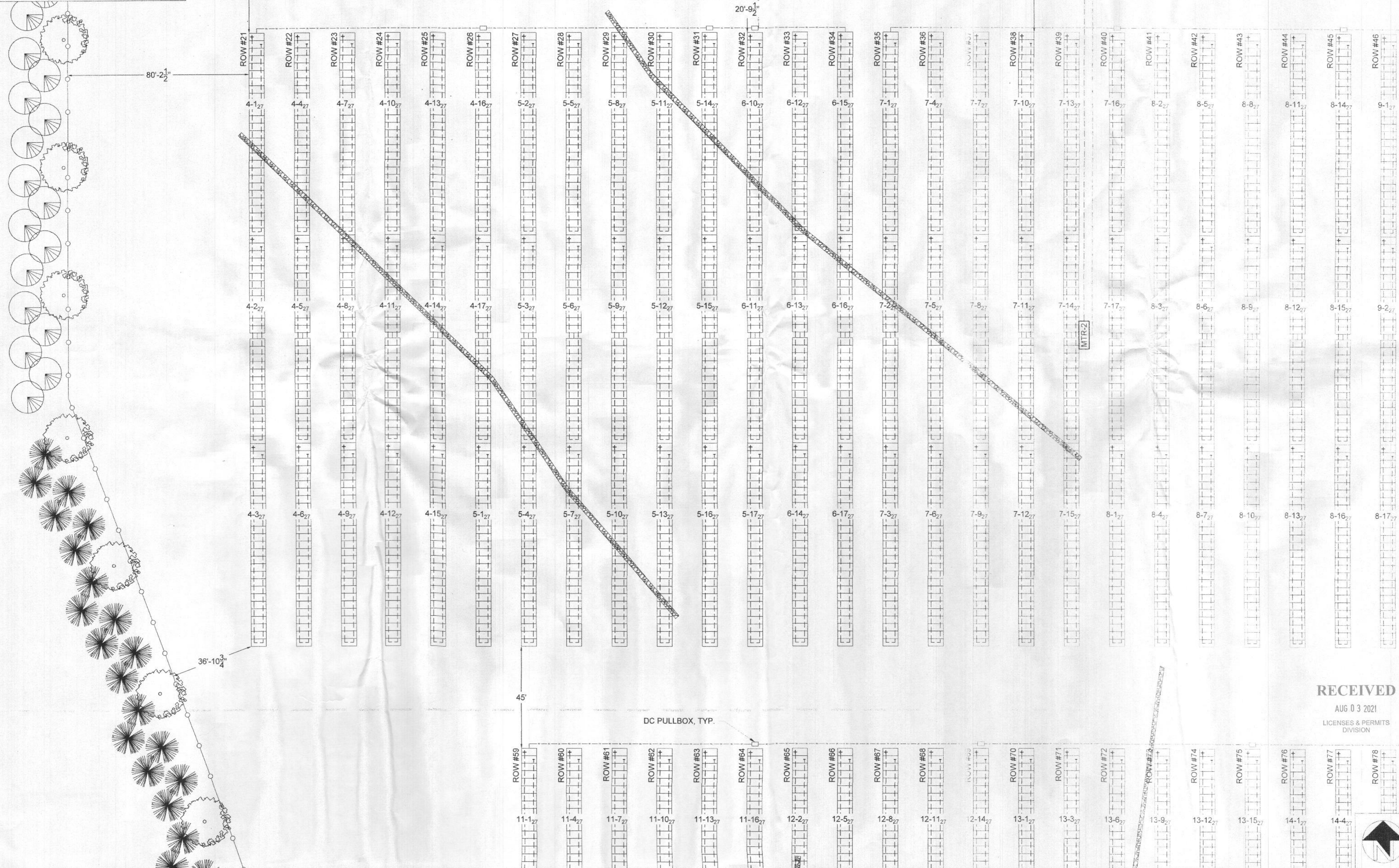
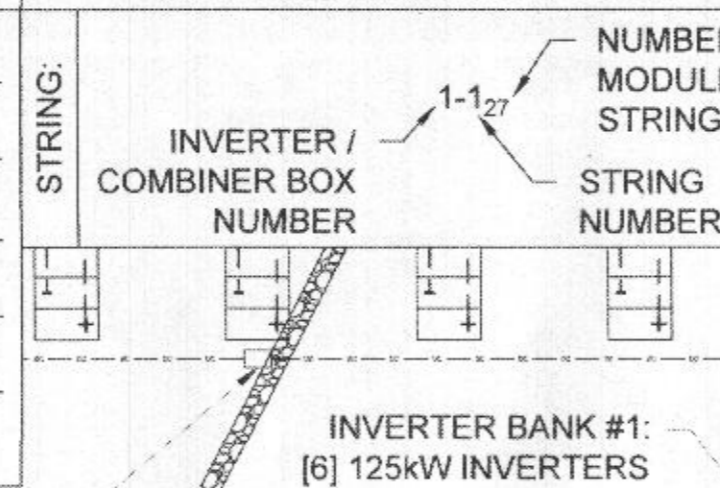
ARRAY SECTION MAP:



CONDUCTOR ROUTING KEY:

DC TRENCHING: — DC — DC
 LV AC TRENCHING: — AC — AC
 MV AC TRENCHING: — MV-AC —
 CAT-5 TRENCHING: — CAT-5 —
 COMM TRENCHING: — COMM —

EQUIPMENT LABELING LEGEND:



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 CERTIFICATION

STATE OF MARYLAND
 PROFESSIONAL ENGINEER
 LICENSE # 45433
 EXP. DATE 09/30/2022

PROJECT TITLE
 OER - METALMARK
 PROJECT ADDRESS
 688 SYKESVILLE ROAD, SYKESVILLE, MD 21784
 SHEET TITLE
 PARTIAL ELECTRICAL B

REV	DATE
30%	4/8/2021
90%	6/8/2021
IFP	6/24/2021

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 DRAWN BY
TJA
 APPROVED BY
NAG

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ORIGINAL SHEET SIZE
 36X24
 SHOULD MEASURE 1"

SCALE
1" = 20'

DRAWING
E1.3

REV	DATE
30%	4/6/2021
50%	6/8/2021
IFP	6/24/2021

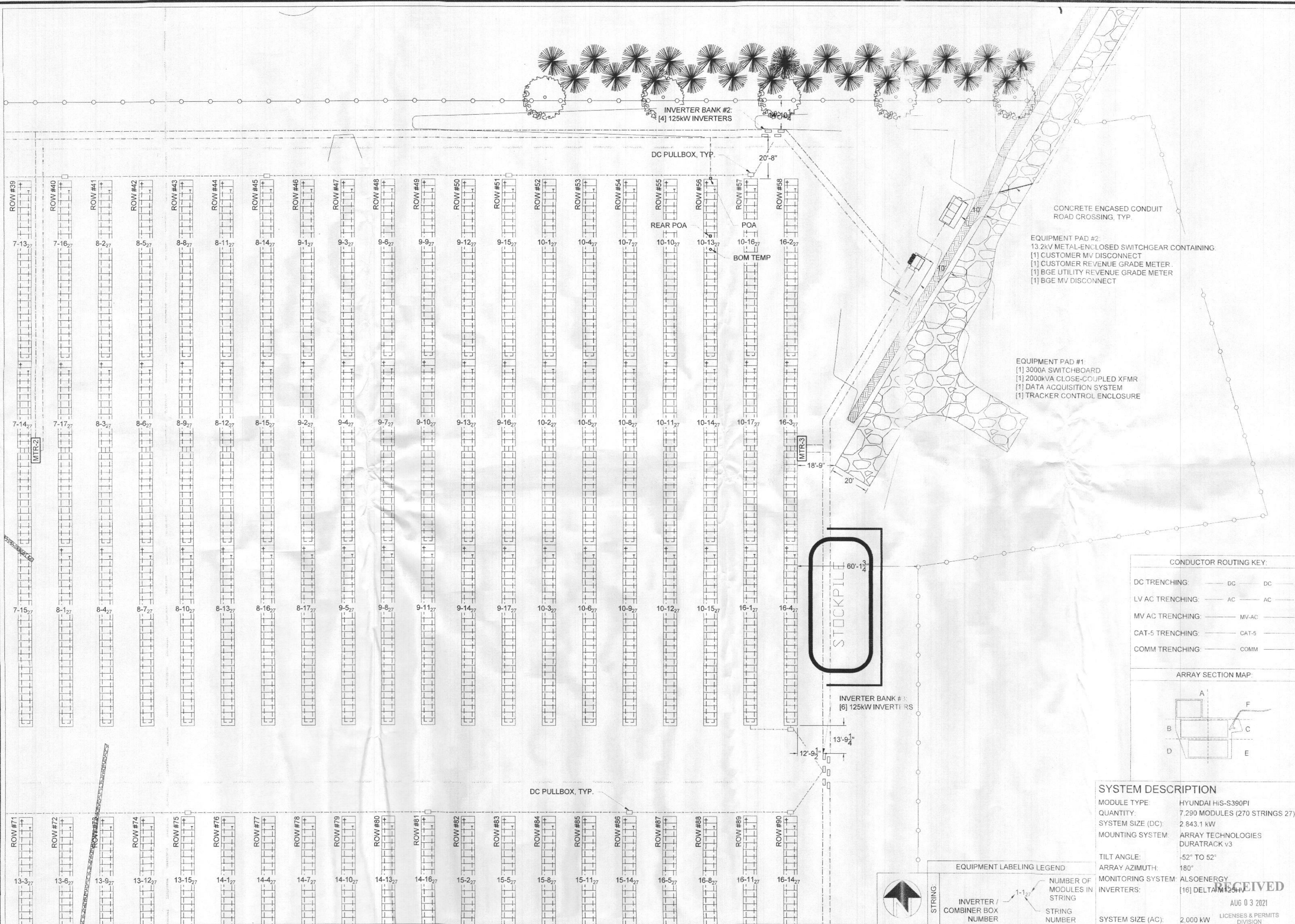
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20-228
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APPROVED BY
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DATE
6/24/2021

ORIGINAL SHEET SIZE
 36X24
 SHOULD MEASURE 1"

SCALE
 1" = 20'

DRAWING
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90%	6/8/2021
IFP	6/24/2021

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PROJECT NUMBER
20-228

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TJA

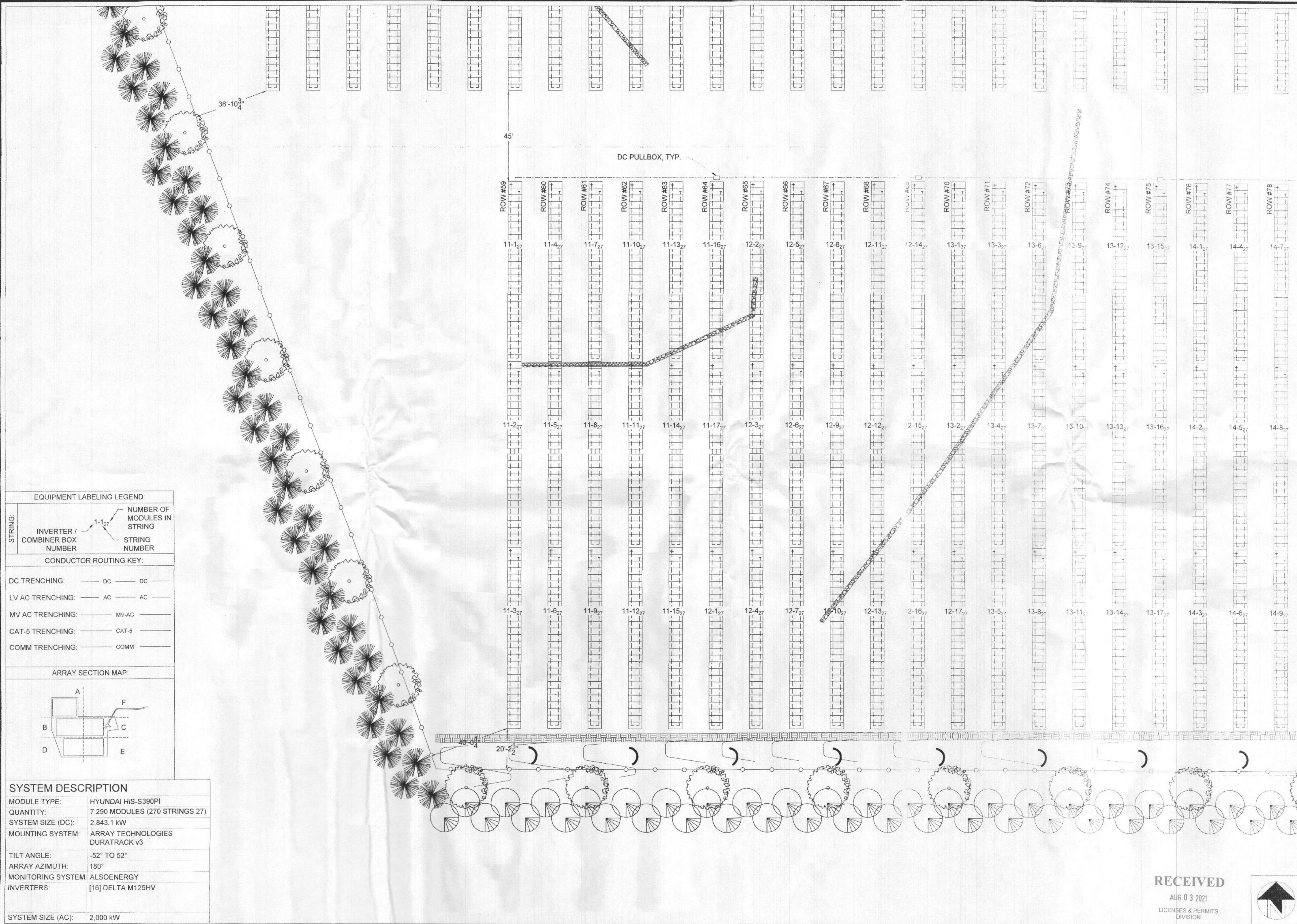
APPROVED BY
NAG

DATE
6/24/2021

ORIGINAL SHEET SIZE
 36X24
 SHOULD MEASURE 1"

SCALE
1" = 20'

DRAWING
E1.5

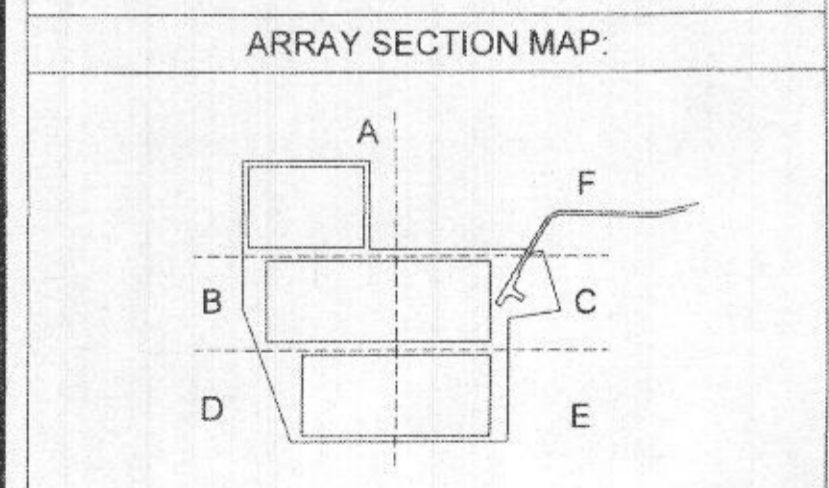


EQUIPMENT LABELING LEGEND:

STRING:	INVERTER / COMBINER BOX NUMBER	NUMBER OF MODULES IN STRING	STRING NUMBER
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CONDUCTOR ROUTING KEY:

DC TRENCHING:	DC	DC
LV AC TRENCHING:	AC	AC
MV AC TRENCHING:	MV-AC	
CAT-5 TRENCHING:	CAT-5	
COMM TRENCHING:	COMM	

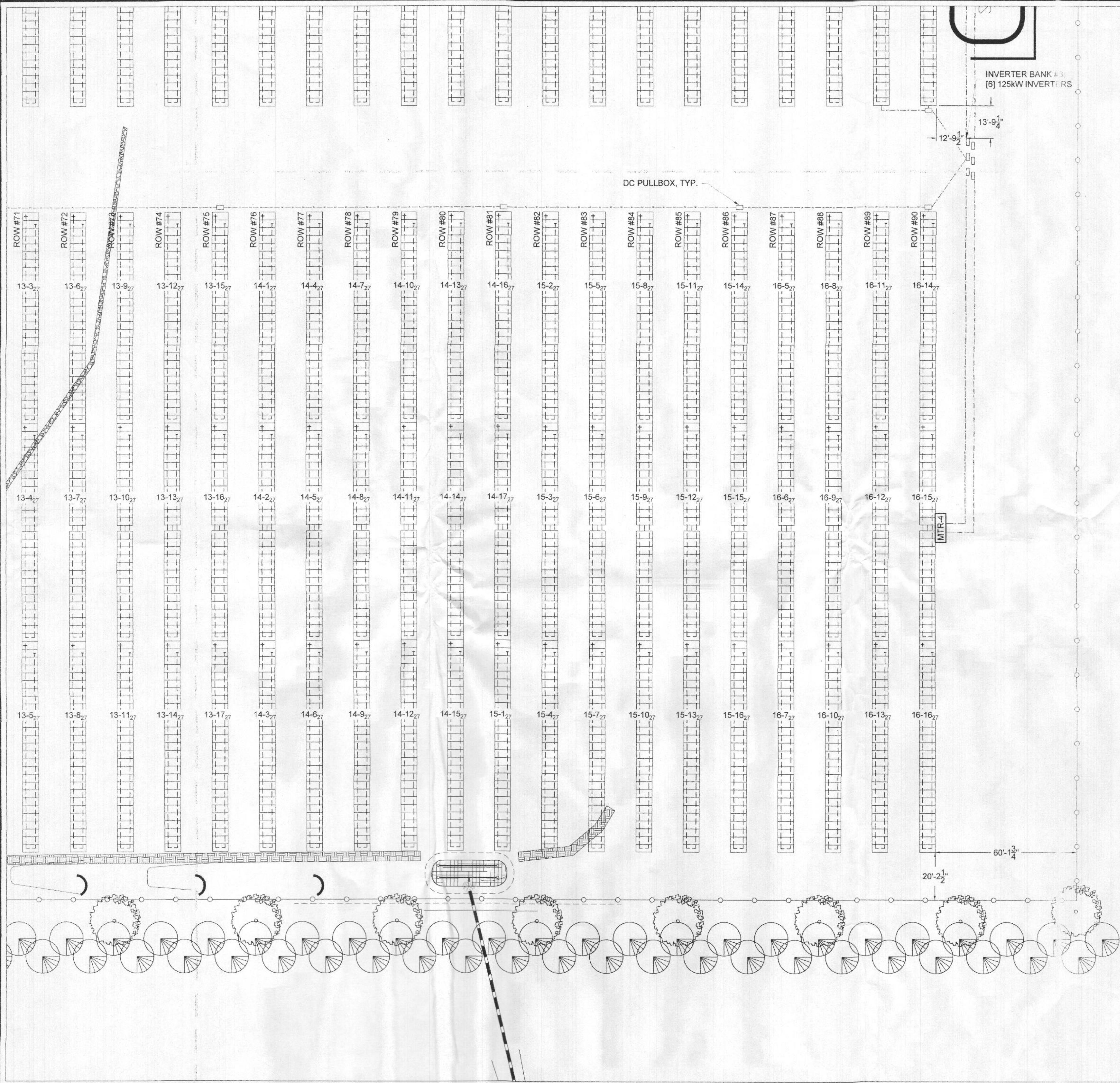


SYSTEM DESCRIPTION

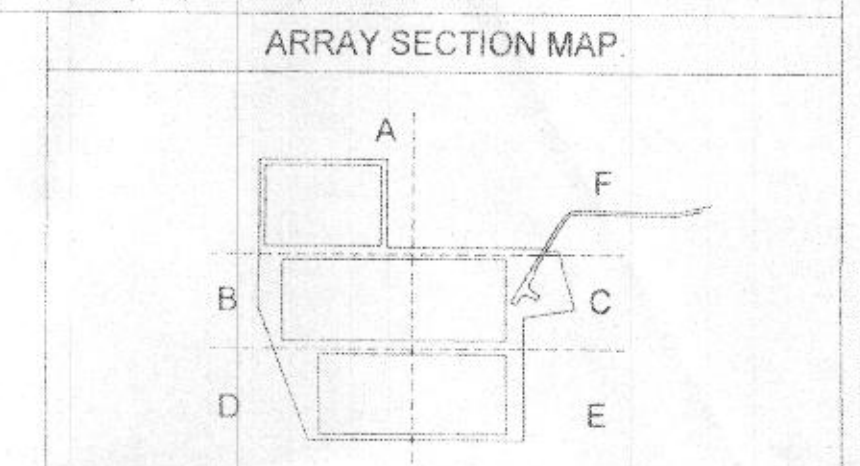
MODULE TYPE:	HYUNDAI H/S-S390PI
QUANTITY:	7,290 MODULES (270 STRINGS 27)
SYSTEM SIZE (DC):	2,843.1 kW
MOUNTING SYSTEM:	ARRAY TECHNOLOGIES DURATRACK v3
TILT ANGLE:	-52° TO 52°
ARRAY AZIMUTH:	180°
MONITORING SYSTEM:	ALSOENERGY
INVERTERS:	[16] DELTA M125HV
SYSTEM SIZE (AC):	2,000 kW

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SYSTEM DESCRIPTION
 MODULE TYPE: HYUNDAI HIS-S390P1
 QUANTITY: 7,290 MODULES (270 STRINGS 27)
 SYSTEM SIZE (DC): 2,843.1 kW
 MOUNTING SYSTEM: ARRAY TECHNOLOGIES DURATRACK v3
 TILT ANGLE: -52° TO 52°
 ARRAY AZIMUTH: 180°
 MONITORING SYSTEM: ALSOENERGY
 INVERTERS: [16] DELTA M125HV
 SYSTEM SIZE (AC): 2,000 kW



CONDUCTOR ROUTING KEY:

DC TRENCHING: — DC — DC —
 LV AC TRENCHING: — AC — AC —
 MV AC TRENCHING: — MV-AC —
 CAT-5 TRENCHING: — CAT-5 —
 COMM TRENCHING: — COMM —

EQUIPMENT LABELING LEGEND:

STRING: INVERTER / COMBINER BOX NUMBER
 NUMBER OF MODULES IN STRING
 STRING NUMBER

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 THE LAWS OF THE STATE OF
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 LICENSE # 45433
 EXP. DATE: 05/19/2022

PROJECT TITLE
 OER - METALMARK

PROJECT ADDRESS
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SHEET TITLE
 PARTIAL ELECTRICAL E

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REV	DATE
30%	4/8/2021
60%	6/8/2021
IFP	6/24/2021

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PROJECT NUMBER
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DRAWN BY
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APPROVED BY
 NAG

DATE
 6/24/2021

ORIGINAL SHEET SIZE
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SCALE
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