GERONIMO POWER

HARMONY SOLAR

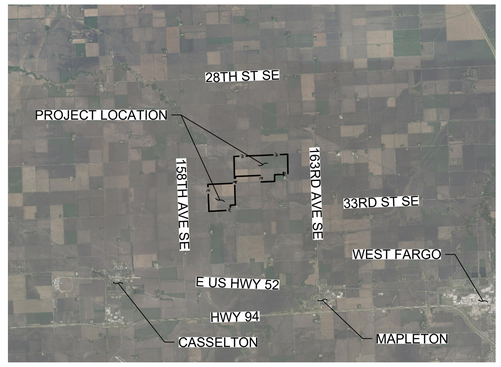
CASS COUNTY, NORTH DAKOTA

CONTRACT 8110

ISSUED FOR CONSTRUCTION

Contract Drawings

MAY 29, 2026



VICINITY MAP
NOT TO SCALE

SITE INFORMATION
LAT: 46° 57' 14.65" **N**
LONG: -097° 04' 34.18" **W**
CASS COUNTY, ND

OWNER
GERONIMO POWER
8400 NORMANDALE LAKE BLVD, SUITE 1200
BLOOMINGTON, MN 55437

ENGINEER OF RECORD
BRETT SVOR
BURNS & MCDONNELL ENGINEERING CO, INC.
1850 N. CENTRAL AVE
PHOENIX, AZ 85004

PROJECT INFORMATION		
ITEM	QUANTITY	UNIT
TOTAL PROJECT AREA	1,667	AC
LIMITS OF DISTURBANCE	1,541	AC
TOTAL FENCED AREA	1,437	AC

PROJECT SETBACKS	
FENCE	20 FEET FROM SOLAR ARRAY
FENCE	70 FEET FROM PUBLIC ROAD ROW
WETLANDS	25 FEET FROM SOLAR ARRAY
OVERHEAD UTILITY EASEMENT	10 FEET FROM SOLAR ARRAY
PUBLIC ROAD ROW	110 FEET FROM SOLAR ARRAY FROM EDGE OF ROW
DRAINAGE EASEMENTS	10 FEET FROM ANY FEATURE FROM EDGE OF EASEMENT
UNDERGROUND UTILITY EASEMENTS	10 FEET FROM ANY FEATURE FROM EDGE OF EASEMENT
CULTURAL AVOIDANCE AREAS	100 FEET FROM ANY FEATURE
FEMA 100-YEAR FLOODPLAIN	20 FEET FROM ANY FEATURE

DATA SET INFORMATION			
COORDINATE SYSTEM	NORTH DAKOTA STATE PLANE COORDINATE SYSTEM ,SOUTH ZONE, INTERNATIONAL FOOT, 2011 ADJ. NAVD88.		
BASEFILE	**FILE NAME**	**PROVIDER**	**DATE**
ALTA SURVEY AND UTILITIES	2025-05-29 Harmony Solar - Survey.dwg	WESTWOOD	MAY 29, 2025
	2025-05-29 Harmony ALTA Survey_NGR Edit.dwg	GERONIMO POWER	MAY 29, 2025
	2025-08-06-Harmony-Buildable-Area R1.dwg	GERONIMO POWER	AUGUST 6, 2025
TOPOGRAPHY	2025-01-14 Harmony Solar - Existing Contours.dwg	WESTWOOD	JANUARY 14, 2025
CULTURAL	20250520_HarmonyDesktopExtentFormerFarm.shx	GERONIMO POWER	MAY 20, 2025
STREAMS/WETLANDS	2025-05-15 Harmony Wetland.dwg	GERONIMO POWER	MAY 15, 2025

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA
05/29/2026

ISSUED FOR CONSTRUCTION

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/2026	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 | CONTRACT: 8110

BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Co, Inc.
Firm License No. 016PE

GENERAL
COVER

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
LEAD ENG	B. SVOR
ENG MGR	D. REASOR
PROJ MGR	C. GARNER

DRAWING NUMBER	REV
HMY-C-100-01	0

MAY 29, 2026 - 11:42am DRAWING NAME: C:\Users\jmhampton\DC\ACCDocs\BMcD ENR\Geronimo-HarmonySolar\Project Files\2_Dsgn\Civil\Dwgs\HMY-C-100-01.dwg

GERONIMO POWER

HARMONY SOLAR

Contract Drawings

DWG NO	TITLE
GENERAL	
HMY-C-100-01	COVER
HMY-C-101-01	INDEX
HMY-C-500-01	ABBREVIATIONS & LEGEND
HMY-C-500-02	CIVIL NOTES
HMY-G-100-01	GENERAL SITE ARRANGEMENT
HMY-G-100-02	DELIVERY FLOW PLAN
EXISTING CONDITIONS	
HMY-C-550-01	ENLARGED PLAN 01
HMY-C-550-02	ENLARGED PLAN 02
DEMOLITION & CLEARING	
HMY-C-550-03	ENLARGED PLAN 01
HMY-C-550-04	ENLARGED PLAN 02
SITE IMPROVEMENTS & GRADING	
HMY-C-551-01	KEY PLAN
HMY-C-551-02	ENLARGED PLAN 01
HMY-C-551-03	ENLARGED PLAN 02
HMY-C-551-04	ENLARGED PLAN 03
HMY-C-551-05	ENLARGED PLAN 04
HMY-C-551-06	ENLARGED PLAN 05
HMY-C-551-07	ENLARGED PLAN 06
HMY-C-551-08	ENLARGED PLAN 07
HMY-C-551-09	ENLARGED PLAN 08
HMY-C-551-10	ENLARGED PLAN 09
HMY-C-551-11	POINT TABLE
HMY-C-501-01	INVERTER DETAILS
HMY-C-502-01	INVERTER PAD SCHEDULE
HMY-C-510-01	SITE ENTRANCE PLAN 01
HMY-C-510-02	SITE ENTRANCE PLAN 02
HMY-C-511-01	SITE ENTRANCE DETAIL 01
HMY-C-511-02	SITE ENTRANCE DETAIL 02
HMY-C-511-03	SITE ENTRANCE DETAIL 03
HMY-C-512-01	ROAD DETAILS 01
HMY-C-512-02	ROAD DETAILS 02
HMY-C-512-03	LOW WATER CROSSING DETAIL
HMY-C-512-04	COMPACTION SPECIFICATIONS
HMY-C-513-01	STORM SEWER SCHEDULE
HMY-C-513-02	SEGMENT TABLES
HMY-C-513-03	SIGNAGE DETAILS 01
HMY-C-513-04	SIGNAGE DETAILS 02
HMY-C-513-05	SIGNAGE DETAILS 03
HMY-C-513-06	SIGNAGE DETAILS 04
HMY-C-556-01	FENCE DETAILS 01
HMY-C-556-02	FENCE DETAILS 02
HMY-C-556-03	CULVERT DETAILS
HMY-C-111-01	SUBSTATION GRADING PLAN
HMY-C-111-02	SUBSTATION GRADING SECTION
HMY-C-111-03	O&M ENLARGED PLAN
HMY-C-111-04	O&M DETAILS
EROSION & SEDIMENT CONTROL	
HMY-C-552-01	KEY PLAN
HMY-C-552-02	ENLARGED PLAN 01
HMY-C-552-03	ENLARGED PLAN 02
HMY-C-552-04	ENLARGED PLAN 03
HMY-C-552-05	ENLARGED PLAN 04
HMY-C-552-06	ENLARGED PLAN 05
HMY-C-552-07	ENLARGED PLAN 06
HMY-C-552-08	ENLARGED PLAN 07
HMY-C-552-09	ENLARGED PLAN 08
HMY-C-552-10	ENLARGED PLAN 09
HMY-C-552-11	PERMANENT SEEDING PLAN 01
HMY-C-552-12	PERMANENT SEEDING PLAN 02
HMY-C-552-13	POINT TABLE
HMY-C-556-04	SILT FENCE DETAILS
HMY-C-556-05	MISCELLANEOUS DETAILS 01
HMY-C-556-06	MISCELLANEOUS DETAILS 02

ISSUED FOR CONSTRUCTION

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA

05/29/2026

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

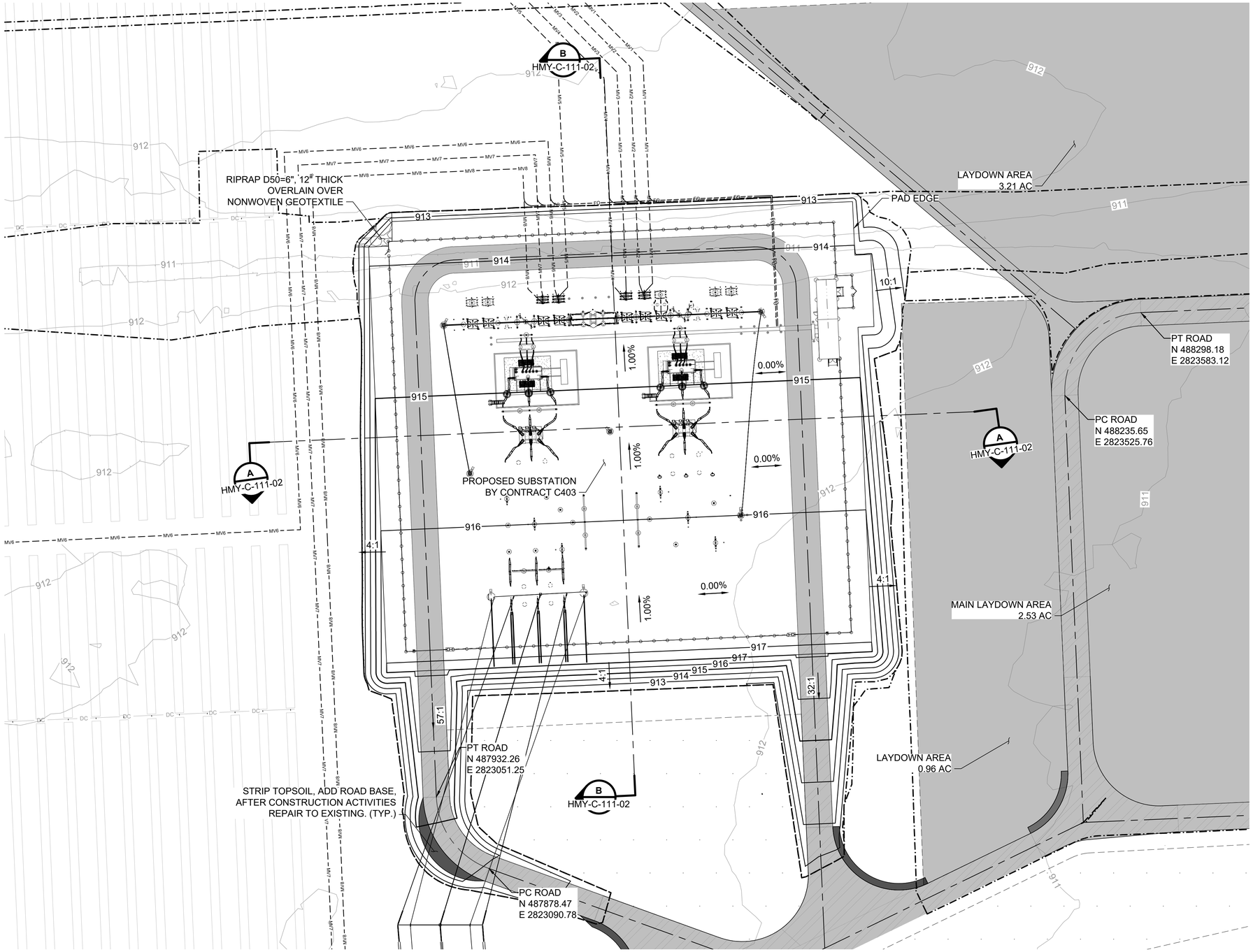
PROJECT: 186521 | CONTRACT: 8110

BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Co, Inc.
Firm License No. 016PE

GENERAL
INDEX

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER	DRAWING NUMBER	REV
LEAD ENG	B. SVOR	HMY-C-101-01	0
ENG MGR	D. REASOR		
PROJ MGR	C. GARNER		

MAY 29, 2026 - 2:30pm DRAWING NAME: C:\Users\jmhampton\DC\ACCDocs\BMcD ENR\Geronimo-HarmonySolar\Project Files\2_Dsgn\Civil\Dwgs\HMY-C-101-01.dwg



ISSUED FOR CONSTRUCTION

NORTH

0 20' 40' 80'
SCALE IN FEET

05/29/2026

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 | CONTRACT: 8110

BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Co, Inc.
Firm License No. 016PE

SITE IMPROVEMENTS & GRADING SUBSTATION GRADING PLAN

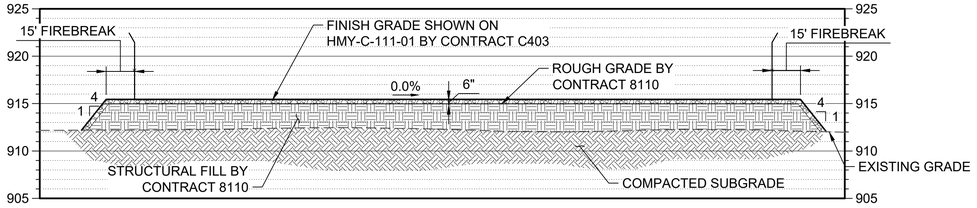
ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
LEAD ENG	B. SVOR
ENG MGR	D. REASOR
PROJ MGR	C. GARNER

DRAWING NUMBER: HMY-C-111-01 | REV: 0

MAY 29, 2026 - 11:59am DRAWING NAME: C:\Users\jmhampton\DC\ACCDocs\BMcD ENR\Geronimo-Harmony\Solar\Project Files\2_Dsgn\Civil\Dwgs\HMY-C-111-01.dwg

SUBSTATION GRADING NOTES:

1. CONTRACT C403 SHALL MEET AASHTO REQUIREMENTS FOR #57 AGGREGATE. THE MATERIALS SHALL BE FREE OF ORGANIC MATERIAL AND DEBRIS AND SHOULD NOT CONTAIN STONES LARGER THAN 1 INCH IN THE MAXIMUM DIMENSION.
2. CONTRACT 8110 TO PLACE AND COMPACT STRUCTURAL FILL TO BRING PAD TO ROUGH GRADE AND STABILIZE.

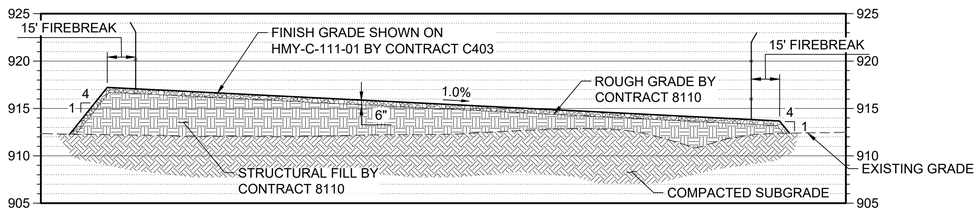


SUBSTATION SECTION A — HMY-C-111-01

HORIZONTAL: 0 20' 40' 80' — SCALE IN FEET

VERTICAL: 0 8' 16' — SCALE IN FEET

N



SUBSTATION SECTION B — HMY-C-111-01

HORIZONTAL: 0 20' 40' 80' — SCALE IN FEET

VERTICAL: 0 8' 16' — SCALE IN FEET

N

ISSUED FOR CONSTRUCTION

SCALE VARIES

REGISTERED PROFESSIONAL ENGINEER — BRETT SVOR PE-42122 — DATE — NORTH DAKOTA

05/29/2026

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 | CONTRACT: 8110

BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
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Firm License No. 016PE

SITE IMPROVEMENTS & GRADING
SUBSTATION GRADING SECTION

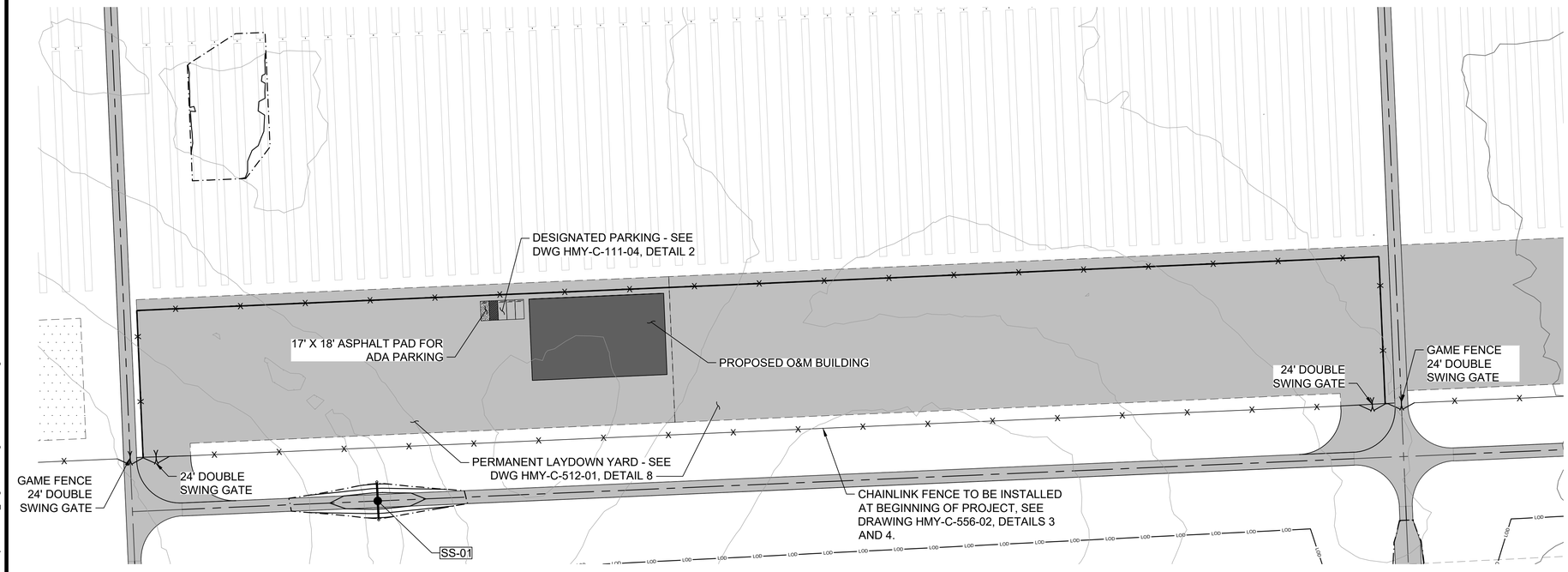
ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
LEAD ENG	B. SVOR
ENG MGR	D. REASOR
PROJ MGR	C. GARNER

DRAWING NUMBER: HMY-C-111-02 | REV: 0

MAY 29, 2026 - 12:00pm DRAWING NAME: C:\Users\jmhampton\DC\ACCDocs\BMcD ENR\Geronimo-Harmony Solar\Project Files\2_Dsgn\Civil\Dwgs\HMY-C-111-02.dwg

LEGEND:

- CONSTRUCTION LAYDOWN AREA
  SEE DRAWING HMY-C-512-01, DETAIL 6.
- 12-FT ACCESS ROAD
  SEE DRAWING HMY-C-512-01, DETAIL 1, DETAIL 3.
- FENCE - GAME FENCE
  SEE DRAWING HMY-C-556-01, DETAIL 1.
- FENCE - CHAINLINK (TO BE INSTALLED AT END OF PROJECT)
  SEE DRAWING HMY-C-556-02, DETAILS 3 AND 4.
- 24-FT DOUBLE SWING GATE
  SEE DRAWING HMY-C-556-02, DETAIL 2.



ISSUED FOR CONSTRUCTION

NORTH

0 60' 120'
SCALE IN FEET

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA
05/29/2026

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 | CONTRACT: 8110

geronimo power

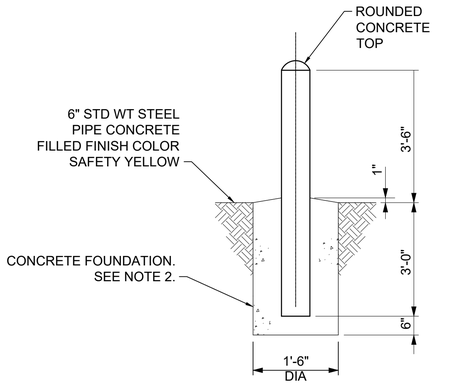
BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Co, Inc.
Firm License No. 016PE

SITE IMPROVEMENTS & GRADING
O&M ENLARGED PLAN

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
LEAD ENG	B. SVOR
ENG MGR	D. REASOR
PROJ MGR	C. GARNER

DRAWING NUMBER	REV
HMY-C-111-03	0

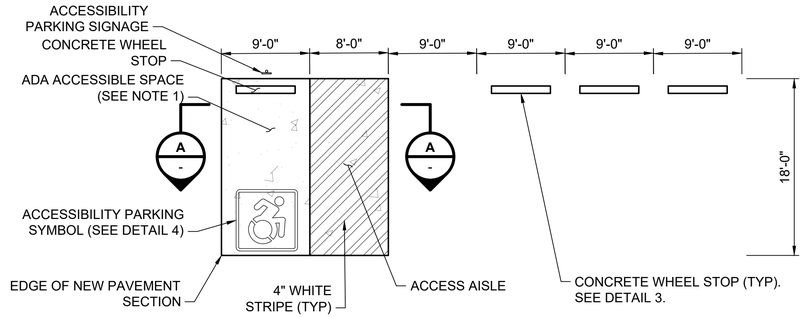
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GUARD POST/BOLLARD DETAIL 1 / -
NOT TO SCALE

NOTES:

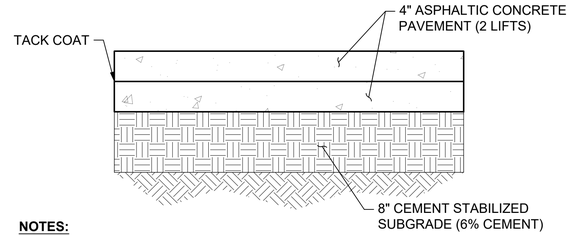
1. BOLLARDS TO BE INSTALLED AS INDICATED IN PLANS WITH 5' MAX SPACING CENTER TO CENTER.
2. CONCRETE SHALL MEET NDDOT SPECIFICATIONS FOR STRUCTURAL CONCRETE. TOPS OF FOOTINGS SHALL BE TROWEL FINISHED AND SLOPED TO DIRECT WATER AWAY FROM POSTS.



NOTES:

1. ONE 9' X 18' ADA ACCESSIBLE PARKING SPACE WITH ONE 8' BY 18' ACCESS AISLE SHALL BE INSTALLED.
2. ADA PARKING SPACE AND ACCESS AISLE SHALL BE ASPHALTIC CONCRETE PAVEMENT PLACED ON TOP OF 8 INCHES OF CEMENT STABILIZED SUBGRADE.
3. ADA ACCESSIBLE PARKING SPACE SHALL BE PLACED TO ALLOW PAVED ACCESS TO MAIN BUILDING ENTRANCE.
4. PAINT SHALL BE SLIP-RESISTANT.
5. ADA ACCESSIBLE SPACE AND ACCESS AISLE SLOPE SHALL NOT EXCEED 2%.

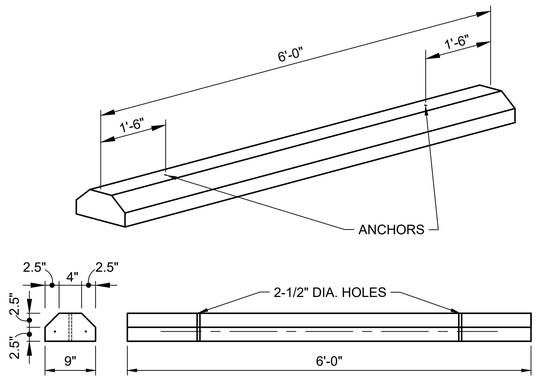
VEHICLE PARKING LAYOUT 2 / -
NOT TO SCALE



NOTES:

1. THE NEW 4" ASPHALTIC CONCRETE PAVEMENT (2 LIFTS) WILL BE PLACED ON TOP OF 8 INCHES OF CEMENT STABILIZED SUBGRADE. SUBGRADE SHALL BE PREPARED ACCORDING TO PROJECT SPECIFICATIONS.
2. ASPHALT PAVEMENT USE PG 58-34 BINDER FOR ASPHALT MIX AND BASE COURSE SHALL BE INSTALLED PER NDDOT SPECIFICATIONS.

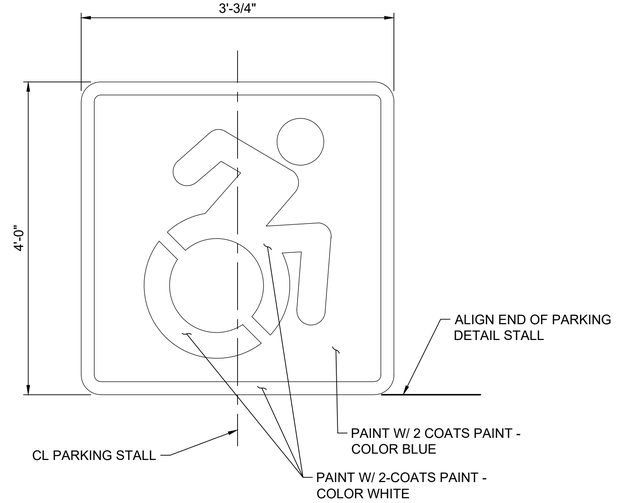
ASPHALTIC CONCRETE PAVING SECTION A / -
NOT TO SCALE



NOTES:

1. CONCRETE WHEEL STOP SHALL CONSIST OF THE FOLLOWING MATERIAL OR ENGINEER APPROVED EQUAL:
   - 1.1. MIX 6 1/2 SACK CEMENT. 27% ROCK. 4000 PSI
   - 1.2. REINFORCEMENT: 2PCS @ 1/2" DIA. x 5'-0"
   - 1.3. WEIGHT: APPROX. 175 LBS
   - 1.4. ANCHORS: 2 PCS @ #4x3'-0"
2. SUBCONTRACTOR MAY SUBMIT A PRECAST OPTION FOR ENGINEER'S APPROVAL

CONCRETE WHEEL STOP DETAIL 3 / -
NOT TO SCALE



ACCESSIBILITY PARKING SYMBOL 4 / -
NOT TO SCALE

ISSUED FOR CONSTRUCTION

NOT TO SCALE

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA
05/29/2026

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 | CONTRACT: 8110

BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
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SITE IMPROVEMENTS & GRADING
O&M DETAILS

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER	DRAWING NUMBER	REV
LEAD ENG	B. SVOR	HMY-C-111-04	0
ENG MGR	D. REASOR		
PROJ MGR	C. GARNER		

MAY 29, 2026 - 12:01pm DRAWING NAME: C:\Users\jmhampton\DC\ACCDocs\BMcD ENR\Geronimo-HarmonySolar\Project Files\2_Dsgn\Civil\Dwgs\HMY-C-111-04.dwg

ABBREVIATIONS:

ABC	AGGREGATE BASE COURSE
AC	ALTERNATING CURRENT COLLECTION LINE
ACO	AT CONTRACTOR'S OPTION
AHJ	AUTHORITY HAVING JURISDICTION
AVE	AVENUE
BMP	BEST MANAGEMENT PRACTICES
CHDPE	CORRUGATED HIGH-DENSITY POLYETHYLENE
CL	CENTER LINE
CONC	CONCRETE
COR	CORNER
CY	CUBIC YARD
DEC	DECIDUOUS
DIA	DIAMETER
DR	DRIVE
DTL	DETAIL
DWG	DRAWING
E	EAST / EASTING
ECL	EROSION CONTROL LOG
EL / ELEV	ELEVATION
EOP	END OF PIPE
EOR	ENGINEER OF RECORD
EP	END POINT
EPA	ENVIRONMENTAL PROTECTION AGENCY
ESMT	EASEMENT
EVS	EVERGREENS
EXIST / EXIST.	EXISTING
FO	FIBER OPTIC LINE (UNDERGROUND)
FT	FOOT/FEET
G	GAS LINE (UNDERGROUND)
GA	GAUGE
HDPE	HIGH-DENSITY POLYETHYLENE
HR	HOUR
HP	HIGH POINT
ID	INSIDE DIAMETER
INV	INVERTER
LOD	LIMITS OF DISTURBANCE
LOS	LIMITS OF SEEDING
MAX	MAXIMUM
MIN	MINIMUM
N	NORTH / NORTHING
NDDEQ	NORTH DAKOTA DEPARTMENT OF ENVIRONMENTAL QUALITY
NDDOT	NORTH DAKOTA DEPARTMENT OF TRANSPORTATION
NE	NORTH EAST
NW	NORTH WEST
OD	OUTSIDE DIAMETER
OHE	OVERHEAD ELECTRIC LINE
PC	POINT OF CURVATURE
PCC	PORTLAND CEMENT CONCRETE PAVEMENT
PI	POINT OF INTERSECTION
POB	POINT OF BEGINNING
PT	POINT OF TANGENCY
PVMT	PAVEMENT
R	RADIUS
RAD	RADIAN
RD	ROAD
RCP	REINFORCED CONCRETE PIPE
R/W	RIGHT OF WAY
SBST	SUBSTATION
SE	SOUTHEAST
SHB	SHRUBS
SS	STORM SEWER CULVERTS
STA	STATION
STD	STANDARD
STR	STRUCTURE
SW	SOUTHWEST
SWPPP	STORMWATER POLLUTION PREVENTION PLAN
T	TELEPHONE LINE (UNDERGROUND)
TYP / TYP.	TYPICAL
UNO	UNLESS NOTED OTHERWISE
UTIL	UTILITY
YR	YEAR

LEGEND:

EXISTING CONDITIONS & SURVEY CONTROL:

- BRIDGE
- 300 CONTOUR (MAJOR)
- 322 CONTOUR (MINOR)
- CULTURAL AVOIDANCE AREA
- CULVERT
- DITCH - CENTER
- EASEMENTS
- ELECTRICAL - (EQUIPMENT)
- FEMA - FLOOD ZONE (A)
- FEMA - FLOOD ZONE (X)
- X X FENCE
- FO FIBER OPTIC - EQUIPMENT
- E OVERHEAD ELECTRIC
- E POWER - EQUIPMENT
- PROPERTY LINE
- ROADS
- R/W ROAD - RIGHT OF WAY
- SITE SIGNAGE
- T TELEPHONE - EQUIPMENT
- TELEPHONE - POLES
- E UNDERGROUND - ELECTRIC
- W UNDERGROUND - WATER
- WETLANDS - JURISDICTIONAL
- WETLANDS - NON-JURISDICTIONAL

DEMOLITION & CLEARING:

- AREAS WITHIN LOD ASSUMED TO BE SEEDED BY OWNER WITH TEMPORARY SEED MIX IN FALL 2025. AREAS WITHIN LOD WILL BE SEEDED BY CONTRACTOR WITH PERMANENT SEED MIX IN SPRING 2026.
- LOD LOD LOD LIMITS OF DISTURBANCE FOR CONTRACT 8110
- LOD LOD LOD LIMITS OF DISTURBANCE FOR CONTRACT 8410 (FOR REFERENCE ONLY)

LEGEND:

SITE IMPROVEMENTS & GRADING:

- PERMANENT TOPSOIL BERM
- CONSTRUCTION LAYDOWN AREA
- 300 CONTOUR (MAJOR)
- 322 CONTOUR (MINOR)
- CULVERT
- X X FENCE - GAME FENCE
- X X FENCE - CHAINLINK (TO BE INSTALLED AT END OF PROJECT)
- FENCE - GAME FENCE (GROUNDED BY CONTRACT 8410)
- FENCE - ISOLATION PANELS
- FENCE - SNOW FENCE
- INVERTER
- LIMITS OF GRADING
- LOW WATER CROSSING
- MV# MV# MEDIUM VOLTAGE CABLE (FOR REFERENCE ONLY)
- MIXED NATIVE SEED
- PROPOSED SOLAR ARRAY (FOR REFERENCE ONLY)
- RESURFACED COUNTY ROAD
- STOCKPILE
- 12-FT ACCESS ROAD
- 20-FT ACCESS ROAD
- 24-FT SLIDING GATE
- 24-FT DOUBLE SWING GATE

EROSION & SEDIMENT CONTROL:

- SEEDING AND MULCHING
- LOW VELOCITY DITCH CHECK
- SILT FENCE
- STABILIZED CONSTRUCTION ENTRANCE
- EROSION CONTROL MATTING

ONE OR TWO CHARACTER DISCIPLINE DESIGNATOR (MAY NOT BE PRESENT IF CALLOUT AND TITLE ARE ON DRAWINGS WITHIN THE SAME DISCIPLINE)

A C001

LETTER OR NUMBER DESIGNATOR

DRAWING SEQUENCE NUMBER INDICATED WHERE TITLE IS LOCATED (MAY NOT BE PRESENT IF CALLOUT AND TITLE ARE ON THE SAME DRAWING)

SECTION AND DETAIL SYMBOL IDENTIFIERS

A C001 A C001

SECTION CALLOUT EXAMPLE

7 C001

DETAIL CALLOUT EXAMPLE

SECTION A 001

THE WORD "SECTION" MAY BE REPLACED WITH "ELEVATION" OR "DETAIL"

SECTION AND DETAIL TITLE EXAMPLE

SECTION AND DETAIL IDENTIFICATION SYSTEM

CONTROL POINT IDENTIFIER

CONTROL POINT LABELS - SEE SHEET HMY-C-550-02 FOR CONTROL POINTS

SS-01 CULVERT IDENTIFIER

CULVERT LABELS - SEE SHEET HMY-C-513-01 FOR CULVERT POINTS

S01 SILT FENCE IDENTIFIER

SILT FENCE LABELS - SEE SHEETS HMY-C-552-13 FOR SILT FENCE POINTS

ISSUED FOR CONSTRUCTION

NO SCALE

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA
05/29/2026

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 | CONTRACT: 8110

geronimo power

BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Co, Inc.
Firm License No. 016PE

GENERAL
ABBREVIATIONS & LEGEND

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER	DRAWING NUMBER	REV
LEAD ENG	B. SVOR	HMY-C-500-01	0
ENG MGR	D. REASOR		
PROJ MGR	C. GARNER		

MAY 29, 2026 - 11:42am DRAWING NAME: C:\Users\jmhampton\DC\ACCDocs\BMcD ENR\Geronimo-HarmonySolar\Project Files\2_Dsgn\Civil\Dwgs\HMY-C-500-01.dwg

GENERAL NOTES:

1. SUBCONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFE AND HEALTHFUL PERFORMANCE OF WORK BY EACH OF ITS EMPLOYEES, SUBCONTRACTORS, VENDORS AND SUPPORT PERSONNEL ENTERING THE PROJECT SITE.

2. SUBCONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND ANY GENERAL BUILDING PERMITS NECESSARY FOR THE WORK EXCEPT CONSTRUCTION STORMWATER. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH PERMIT REQUIREMENTS. SUBCONTRACTOR SHALL HAVE COPIES OF ALL PERMIT DOCUMENTS ON-SITE DURING CONSTRUCTION.

3. LOCATIONS OF UNDERGROUND AND OVERHEAD UTILITIES OR STRUCTURES SHOWN ON THESE PLANS ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE ONLY. SUBCONTRACTORS SHALL TAKE ALL NECESSARY PRECAUTIONS TO LOCATE AND PROTECT ALL EXISTING STRUCTURES AND UTILITIES DURING CONSTRUCTION EFFORTS. SUBCONTRACTOR SHALL FIELD-VERIFY SURVEY INFORMATION (WHETHER OR NOT SHOWN ON THESE DRAWINGS) AND BE THOROUGHLY FAMILIAR WITH THE SITE BEFORE ANY WORK COMMENCES. SUBCONTRACTOR RESPONSIBLE FOR CALLING 811 PRIOR TO WORK. IN THE EVENT THAT AN UNEXPECTED UTILITY OR STRUCTURE INTERFERENCE IS ENCOUNTERED, THE SUBCONTRACTOR SHALL IMMEDIATELY NOTIFY CONTRACTOR.

4. ALL WORK SHALL BE CONDUCTED IN ACCORDANCE WITH THE DRAWINGS, TECHNICAL SPECIFICATIONS, AND ALL OTHER PROVISIONS OF THE CONTRACT DOCUMENTS.

5. SUBCONTRACTOR SHALL CONFORM TO SITE SPECIFIC SAFETY AND HEALTH MANUAL, OSHA STANDARDS, AND PERTINENT LOCAL, STATE, AND FEDERAL SAFETY CODES, REQUIREMENTS, AND STANDARDS. IN THE CASE OF CONTRADICTION OR DISCREPANCY BETWEEN REQUIREMENTS, SUBCONTRACTOR SHALL NOTIFY CONTRACTOR AND INCORPORATE WHICHEVER REQUIREMENT IS MOST STRINGENT.

6. ALL PRODUCTS SHALL BE INSTALLED AS SPECIFIED AND INDICATED.

7. EXISTING SUBSURFACE GEOTECHNICAL REPORTS ARE AVAILABLE FOR REFERENCE UPON REQUEST FROM SUBCONTRACTOR.

8. ANY INSPECTION BY OWNER OR CONTRACTOR SHALL NOT IN ANY WAY RELIEVE SUBCONTRACTOR FROM FULL CONFORMANCE WITH APPLICABLE CODES AND JURISDICTIONAL REQUIREMENTS.

9. SUBCONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, AND TO CARRY OUT WORK IN ACCORDANCE WITH CONTRACT DOCUMENTS.

10. SUBCONTRACTOR SHALL BE RESPONSIBLE FOR COSTS AND REPAIRS OF FAULTY CONSTRUCTION AND DAMAGES TO EXISTING FACILITIES NOT INTENDED TO BE DAMAGED OR DEMOLISHED, WHICH ARE CAUSED BY SUBCONTRACTOR, ITS SUB-SUBCONTRACTORS, VENDORS OR SUPPORT PERSONNEL, INCLUDING BUT NOT LIMITED TO BURIED AND ABOVE GROUND UTILITIES, EQUIPMENT, STRUCTURES, AND ROADS. THIS RESPONSIBILITY APPLIES TO FACILITIES, WHETHER OR NOT SHOWN ON THESE DRAWINGS.

11. SUBCONTRACTOR SHALL UNDERSTAND WITH GOOD FAITH, THE DESIGN DRAWINGS, SPECIFICATIONS, AND OTHER CONTRACT DOCUMENTS, AND SHALL BE FAMILIAR WITH ACTUAL FIELD CONDITIONS PRIOR TO BID AND PRIOR TO WORK. SUBCONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH CONTRACTOR REGARDING VARIATIONS FROM THE DRAWINGS. NO CLAIM SHALL BE MADE AGAINST CONTRACTOR FOR DISCREPANCIES BETWEEN CONDITIONS REPRESENTED ON THESE DRAWINGS AND ACTUAL CONDITIONS.

12. SUBCONTRACTOR SHALL FURNISH ALL LABOR, EQUIPMENT, AND MATERIALS SPECIFICALLY CALLED FOR IN THESE DRAWINGS, REFERENCED SPECIFICATIONS, APPLICABLE REGULATIONS, OR AS NEEDED TO PROVIDE A COMPLETE AND FUNCTIONAL PRODUCT.

13. SUBCONTRACTOR SHALL BE RESPONSIBLE FOR TRAFFIC CONTROL AS NECESSARY, MEETING NDDOT AND AHJ REQUIREMENTS.

14. SUBCONTRACTOR SHALL KEEP PROJECT AREA NEAT, CLEAN, AND ORDERLY.

15. UNLESS NOTED OTHERWISE, PROPOSED ELEVATIONS AND CONTOURS SHOWN ARE TO THE TOP OF FINISHED SURFACES. SUBTRACT SURFACE THICKNESS TO OBTAIN SUBGRADE ELEVATION.

16. WORK WHICH DOES NOT MEET THE HORIZONTAL LOCATIONS, LINES, SLOPES, AND ELEVATIONS AS INDICATED ON THESE DRAWINGS, WITHIN SPECIFIED TOLERANCES, SHALL BE SUBJECT TO REPLACEMENT AT SUBCONTRACTOR'S EXPENSE.

17. ALL SOIL COMPACTION SHALL BE TESTED BY A THIRD-PARTY TESTING FIRM AND REPORTED TO THE CONTRACTOR, PRIOR TO PLACEMENT OF AGGREGATE, CONCRETE, STRUCTURES, OR SUBSEQUENT LIFTS. THE TESTING FIRM SHALL BE RETAINED AND COMPENSATED BY SUBCONTRACTOR, AND SHALL BE SUBJECT TO APPROVAL BY CONTRACTOR.

18. SUBCONTRACTOR SHALL PROVIDE THE GEOTECHNICAL FIELD TESTING REPRESENTATIVE A SAFE MEANS TO ADEQUATELY TEST FILL CONSTRUCTION. SUBCONTRACTOR SHALL NOT PLACE SUBSEQUENT LIFTS OR OTHERWISE COVER COMPLETED AREAS PRIOR TO COMPACTION TESTING AND INSPECTION BY GEOTECHNICAL FIELD REPRESENTATIVE. SUBCONTRACTOR SHALL ALLOW FOR THE TIME TO PERFORM TESTING IN CONSTRUCTION SCHEDULING.

RECORD DRAWING NOTES:

1. SUBCONTRACTOR SHALL MAINTAIN RECORD DRAWINGS THROUGH THE DURATION OF THE PROJECT. SUBCONTRACTOR'S RECORD DRAWINGS SHALL BE SUBMITTED TO CONTRACTOR AND ACCEPTED PRIOR TO FINAL PAYMENT.

2. RECORD DRAWINGS SHALL CONSIST OF SUBCONTRACTOR REDLINES TO THE CONSTRUCTION DRAWINGS AS WELL AS AS-BUILT TOPOGRAPHIC SURVEY OF GRADED AREAS AND PADS, WHICH SHALL BE SUBMITTED TO CONTRACTOR IN AUTOCAD .DWG FORMAT. ADDITIONAL REQUIRED AS-BUILTS ARE OUTLINED IN THE SPECIFICATIONS.

3. AS-BUILT TOPOGRAPHIC SURVEY SHALL INCLUDE GROUND SURVEY SHOTS AT ALL SPOT ELEVATIONS INDICATED ON DRAWINGS. PADS AND OTHER GRADED AREAS SHALL BE SURVEYED USING A METHODOLOGY TO PRODUCE 1' AS-BUILT CONTOURS WITH AN ACCURACY OF 0.01'. AS-BUILT SURVEY SHALL BE ON THE SAME HORIZONTAL AND VERTICAL DATUMS AS INDICATED ON THE EXISTING CONDITIONS AND SURVEY CONTROL PLAN.

4. DURING CONSTRUCTION OF THE PROJECT, SUBCONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING TRACK OF ANY CONTRACTOR-APPROVED FIELD CONSTRUCTION REVISIONS TO THE DESIGN DEPICTED ON APPROVED CONSTRUCTION DRAWINGS. THESE REVISIONS SHALL BE USED TO PREPARE RECORD DRAWINGS OF COMPLETED CONSTRUCTION.

5. ALL DEVIATIONS IN PROJECT CONDITIONS, LOCATIONS, CONFIGURATIONS, AND ANY OTHER CHANGES FROM THE INFORMATION PRESENTED ON THE APPROVED CONSTRUCTION DRAWINGS SHALL BE NOTED ON SUBCONTRACTOR'S RECORD DRAWINGS. THIS INCLUDES LOCATION AND DEPTH OF BURIED OR CONCEALED CONSTRUCTION OR UTILITIES REVEALED DURING CONSTRUCTION.

6. CONTRACTOR MAY REVIEW RECORD DRAWINGS FOR COMPLETENESS, ACCURACY, AND FORMAT AT ANY POINT. IF THE RECORD DRAWINGS ARE CONSIDERED UNACCEPTABLE, THE DRAWINGS WILL BE RETURNED TO SUBCONTRACTOR FOR CORRECTION AND RESUBMISSION.

SITE PREPARATION AND EARTHWORK NOTES:

1. PERFORM SELECTIVE CLEARING WITHIN THE PROJECT AREA. LIMIT CLEARING AND GRUBBING ON THE PROJECT TO ONLY ROADWAYS, EQUIPMENT PADS, AND AREAS INTENDED FOR GRADING OR FILL PLACEMENT. EXTEND CLEARING AND GRUBBING 10 HORIZONTAL FEET FROM EQUIPMENT PAD FILL LOCATIONS. KEEPING TOPSOIL AND VEGETATION IN THE ARRAY FIELD COULD REDUCE STORMWATER EROSION DURING CONSTRUCTION AND MAINTAIN OVERALL GROUND STABILITY. PERFORM SELECTIVE CLEARING AND ACCORDANCE WITH THE FOLLOWING:
   - 1.1. REMOVE ALL OBSTRUCTIONS, LARGE DEBRIS, ROCK, TREES, AND SHRUBS WITH A TRUNK THICKNESS GREATER THAN 2 INCHES TO A DEPTH OF 12 INCHES BELOW GRADE.
   - 1.2. MINIMIZE REMOVAL AND DISTURBANCE OF EXISTING VEGETATION DURING REMOVALS.

2. AREAS SUBJECT TO EARTH DISTURBING ACTIVITIES (E.G., TREE CLEARING, GRADING, ETC.) SHALL BE SEEDED PER SPECIFICATIONS.

3. TOPSOIL SHALL BE STRIPPED AND STOCKPILED PER SPECIFICATIONS, AS INDICATED TO FACILITATE THE CONSTRUCTION OF SITE FEATURES (E.G., ACCESS ROADS, INVERTER PADS, STRUCTURAL FILLS, ETC.). FOR EARTHWORK WITHIN LIMITS OF PV ARRAYS ONLY, TOPSOIL SHALL BE STRIPPED AS NEEDED TO ACCOMMODATE PV ARRAY GRADING.

4. TOPSOIL SHALL NOT BE PLACED WITHIN ZONE A FLOODPLAIN OR ANY EXISTING OR PROPOSED WATER FEATURES, INCLUDING WETLANDS AND STREAMS. TOPSOIL MAY ONLY BE MOVED BETWEEN PARCELS OF COMMON OWNERSHIP.

ENVIRONMENTAL NOTES:

1. SUBCONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING, INSTALLING, AND MAINTAINING DUST CONTROL, EROSION CONTROL, BEST MANAGEMENT PRACTICES, AND DRAINAGE DURING CONSTRUCTION, IN COMPLIANCE WITH JURISDICTIONAL STANDARDS, AND SUBJECT TO CONTRACTOR'S APPROVAL.

2. CONSTRUCTION STORMWATER PERMIT WILL BE PROVIDED BY CONTRACTOR. SUBCONTRACTOR SHALL IMPLEMENT AND MAINTAIN CONSTRUCTION STORMWATER PERMIT.

3. SUBCONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND PERFORMING BEST MANAGEMENT PRACTICES (BMP) TO MINIMIZE POLLUTANTS IN STORM WATER RUNOFF TO THE GREATEST EXTENT PRACTICAL, MEETING STATE STANDARDS. SUBCONTRACTOR SHALL MAINTAIN BMP PER THE SPECIFICATIONS AND SWPPP THROUGH THE DURATION OF THE PROJECT. AT PROJECT COMPLETION, SUBCONTRACTOR SHALL REMOVE THE BMP AS APPROPRIATE.

4. SUBCONTRACTOR SHALL IMPLEMENT BMP'S FOR INDIVIDUAL PORTIONS OF THE WORK AS APPROPRIATE BUT IN NO CASE SHALL MODIFICATIONS RESULT IN LESS STRINGENT EROSION AND SEDIMENTATION CONTROL MEASURES THAN SPECIFIED IN THE CONSTRUCTION STORMWATER PERMIT.

5. PROJECT CONSTRUCTION STORMWATER PERMIT SHALL BE FOLLOWED AT ALL TIMES. SUBCONTRACTOR SHALL ADJUST THE LOCATIONS AND TYPES OF BMP'S AS NECESSARY SO THAT EROSION AND SEDIMENTATION ARE CONTROLLED TO THE MAXIMUM EXTENT FEASIBLE BASED ON ACTUAL FIELD CONDITIONS.

6. SUBCONTRACTOR SHALL PROPERLY DISPOSE OF ALL GASOLINE, DIESEL FUEL, OIL AND OTHER POTENTIALLY HAZARDOUS WASTE RESULTING FROM SUBCONTRACTOR'S OPERATIONS OR ACTIVITIES IN ACCORDANCE WITH OWNER AND AHJ REQUIREMENTS. SUBCONTRACTOR TO ENSURE THAT THE HAZARDOUS WASTE IS PROPERLY REMOVED FROM THE PROJECT PROPERTY.

7. TEMPORARY FACILITIES SHALL BE REMOVED POST-CONSTRUCTION AND AREA RESTORED TO PRE-CONSTRUCTION CONDITIONS OR BETTER.

8. SOIL SHALL BE WETTED AS APPROPRIATE FOR DUST CONTROL.

9. SILT FENCE SHALL BE INSTALLED DOWNGRADE FROM STOCKPILES. STOCKPILES SHALL BE STABILIZED IMMEDIATELY IN AREAS WHERE CONSTRUCTION ACTIVITY CEASES AND WILL NOT RESUME FOR A PERIOD OF MORE THAN 14 DAYS.

10. WORK INDICATED TO OCCUR WITHIN STREAM LIMITS TO BE COORDINATED WITH CONTRACTOR.

SURVEY NOTES:

1. CIVIL DRAWINGS ARE BASED ON THE FOLLOWING INFORMATION:
   - 1.1. GROUND SURVEY TAKEN FOR THE DRAFT PRE-CONSTRUCTION ALTA/NSPS LAND TITLE SURVEY CONDUCTED BY WESTWOOD PROFESSIONAL SERVICES, INC., DATED MAY 29, 2025. REFER TO EXISTING CONDITIONS AND SURVEY CONTROL PLANS FOR CONTROL POINT LOCATIONS AND DATUMS.
   - 1.2. PRELIMINARY GROUND ELEVATIONS WERE ESTABLISHED BY WESTWOOD, CONDUCTED BY AERIAL SURVEYS INTERNATIONAL, LLC AND DATED JANUARY 14, 2025.
   - 1.3. WETLAND DELINEATIONS WERE PROVIDED BY GERONIMO POWER ON MAY 15, 2025.
   - 1.4. CULTURAL AREAS ARE FROM THE ARCHAEOLOGICAL REPORT PROVIDED BY GERONIMO POWER ON MAY 20, 2025.
   - 1.5. FEMA FLOODPLAINS PER FEMA MAP NUMBERS 17163C0370D, 17163C0390D, 17163C0460D, AND 17163C0480D ALL WITH AN EFFECTIVE DATE OF NOVEMBER 5TH, 2003.
   - 1.6. FEMA MAP NUMBERS 38017C0530H AND 38017C0540G ALL WITH AN EFFECTIVE DATE OF 09/05/2025.

2. ALL EXISTING SURVEY MONUMENTS WITHIN THE PROJECT AREAS SHALL BE PRESERVED AND PROTECTED UNLESS SPECIFICALLY IDENTIFIED FOR REMOVAL OR REPLACEMENT. ANY DAMAGE TO EXISTING SURVEY MONUMENTS SHALL BE REPLACED AT THE SUBCONTRACTOR'S EXPENSE, UNDER THE DIRECTION OF A LAND SURVEYOR LICENSED/REGISTERED IN THE STATE OF NORTH DAKOTA.

3. SUBCONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION SURVEY STAKING.

4. SUBCONTRACTOR SHALL BE RESPONSIBLE FOR SUFFICIENT FIELD VERIFICATIONS OF CONSTRUCTION SURVEY STAKING, SURVEY CONTROL AND DESIGN SURVEY INFORMATION SHOWN ON THESE DRAWINGS, PRIOR TO BEGINNING OF WORK, FOR PROPER TIE-IN TO THE SURVEY CONTROL. SUBCONTRACTOR SHALL BE RESPONSIBLE TO MEET THE INTENT OF THE DESIGN ON THESE DRAWINGS.

5. FIELD VERIFICATIONS OF THE CONSTRUCTION SURVEY STAKING SHALL CONFIRM THAT NEW CONSTRUCTION WILL TIE BOTH HORIZONTALLY AND VERTICALLY, RELATIVE TO THE EXISTING FACILITIES AND PROPERTY LINES BASED ON THE SURVEY DATUM AND CONTROL, THE COORDINATES AND DIMENSIONS SHOWN ON THESE DRAWINGS, AND THE INTENTIONS OF THE DESIGN.

6. CONSTRUCTION STAKING SHALL BE PERFORMED UNDER THE DIRECTION OF A LAND SURVEYOR LICENSED/REGISTERED IN NORTH DAKOTA.

7. IF ANY ERRORS, DISCREPANCIES, OR CONCERNS ARISE PERTAINING TO THE ACCURACY OF THE DESIGN COORDINATES, DIMENSIONS, AND ELEVATIONS INDICATED ON THESE DRAWINGS, SUBCONTRACTOR SHALL COORDINATE WITH CONTRACTOR FOR RESOLUTION.

8. SUBCONTRACTOR SHALL BE RESPONSIBLE FOR INTERPRETING SURVEY DATA AND FOR CONTACTING AND COORDINATING WITH SURVEYOR AS REQUIRED. SUBCONTRACTOR SHALL BE RESPONSIBLE FOR CONVERSIONS BETWEEN GRID AND GROUND COORDINATES.

9. SUBCONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADDITIONAL CONTROL POINTS AS REQUIRED AT NO ADDITIONAL COST TO THE CONTRACTOR.

ISSUED FOR CONSTRUCTION

NO SCALE

NEW ROADS:

1. PRIOR TO ROAD CONSTRUCTION, SUBCONTRACTOR SHALL CLEAR AND GRUB EXISTING VEGETATION AND STRIP TOPSOIL WITHIN THE ROADWAY LIMITS.

2. SUBCONTRACTOR TO DRESS UP ROADWAYS AT PROJECT COMPLETION AS NEEDED FOR FINAL ROADS TO BE NEAT/CLEAN IN APPEARANCE AND CONSISTENT WITH TYPICAL ACCESS ROAD DETAILS FOR PROJECT TURNOVER.

STORMWATER POLLUTION PREVENTION PLAN (SWPPP) NOTES:

1. THE SUBCONTRACTOR SHALL FOLLOW THE BEST MANAGEMENT PRACTICES (BMPS) AS OUTLINED IN THE SWPPP DOCUMENT AND AS DEPICTED HEREIN.

2. ALL CONSTRUCTION ACTIVITIES SHALL COMPLY WITH THE SWPPP DOCUMENT AND GUIDELINES.

3. THE BMPS PROVIDED ARE THE MINIMUM REQUIRED. THE SUBCONTRACTOR MAY CHOOSE TO UTILIZE ADDITIONAL BMPS AS NECESSARY TO ENSURE THAT EROSION AND SEDIEMENT IS MANAGED THROUGHOUT THE CONSTRUCTION AND AFTER THE COMPLETION OF THE PROJECT. THE SUBCONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY THE PERMITTING AGENCY OR CONTRACTOR. ADDITIONAL BMPS SHALL BE IMPLEMENTED AS DICTATED BY SITE CONDITIONS BY THE SWPPP QUALIFIED INSPECTOR.

4. ANY BMP THAT HAS PROVEN INEFFECTIVE IN PREVENTING OR MINIMIZING THE DISCHARGE OF SEDIMENT OR OTHER POLLUTANTS FROM THE SITE SHALL BE REPLACED WITH A MORE EFFECTIVE BMP. ALTERNATIVELY, ADDITIONAL OR SEQUENTIAL BMPS AND TREATMENT DEVICES MAY BE IMPLEMENTED, AS SITE CONDITIONS PERMIT ANY ADDITIONS OR REMOVALS TO BMPS SHALL BE DOCUMENTED IN THE SWPP WITHIN 48 HOURS OF MODIFICATION.

5. THE SUBCONTRACTOR SHALL PERFORM RESTORATION AND/OR SEEDING TO AREAS TEMPORARILY DISTURBED BY CONSTRUCTION ACTIVITIES THROUGHOUT THE PROJECT AS REQUIRED OF THE PROJECT SWPPP.

6. NON-STORMWATER POLLUTANTS SUCH AS CONCRETE, FLY ASH, LIME, ETC. AND/OR OTHER MATERIALS SHALL BE CONTAINED ON-SITE AND DISPOSED OF PROPERLY PER THE REQUIREMENTS OF THE PROJECT SWPPP.

7. ANY ERODIBLE MATERIAL WITHIN PROJECT NEW OR EXISTING DRAINAGE WAYS OR CONVEYANCE SYSTEMS, INCLUDING CULVERTS, DITCHES, AND/OR TRENCHES, SHALL BE PROTECTED UTILIZING TEMPORARY BERMS, SILT FENCE, EROSION BLANKETS, FIBER ROLL, AND/OR SEEDING. IT SHALL BE THE RESPONSIBILITY OF THE SUBCONTRACTOR TO INSTALL, MONITOR, AND REPAIR AS NEEDED SITE BMPS THROUGHOUT CONSTRUCTION UNTIL PERMANENT STABILIZATION IS REACHED FOR THE PROJECT AS DETERMINED IN THE PROJECT SWPPP.

8. SNOW AND SILT FENCE IS TO BE INSTALLED ONLY IN AREAS WHERE CALLED OUT IN PLANS.

9. OBSERVED RILLING SHALL BE REMEDIATED WITHIN 7 DAYS AS REQUIRED BY CONSTRUCTION STORMWATER GENERAL PERMIT.

GEOTECHNICAL REPORT:

1. THE PROJECT'S GEOTECHNICAL REPORT "M1205048 Harmony Solar_Design Level Geotechnical Engineering Report" WAS PREPARED BY TERRACON CONSULTANTS, INC ON OCTOBER 23, 2025.

AUTHORITES HAVING JURISDICTION:

1. THIS PROJECT SHALL ABIDE BY ALL FEDERAL REGULATIONS, AS WELL AS ALL REQUIREMENTS FROM THE FOLLOWING JURISDICTIONS:
   - 1.1. STATE: NORTH DAKOTA
   - 1.2. COUNTY: CASS COUNTY
   - 1.3. TOWNSHIP: HARMONY

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 | CONTRACT: 8110

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9400 WARD PARKWAY
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Firm License No. 016PE

GENERAL
CIVIL NOTES

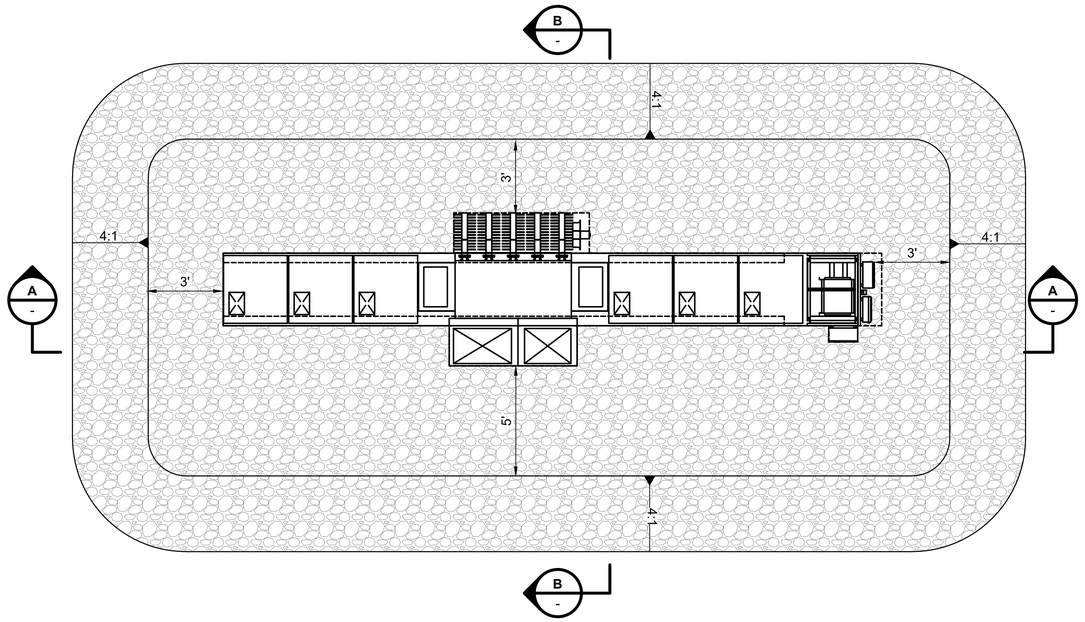
REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA
05/29/2026

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER	DRAWING NUMBER	REV
LEAD ENG	B. SVOR	HMY-C-500-02	0
ENG MGR	D. REASOR		
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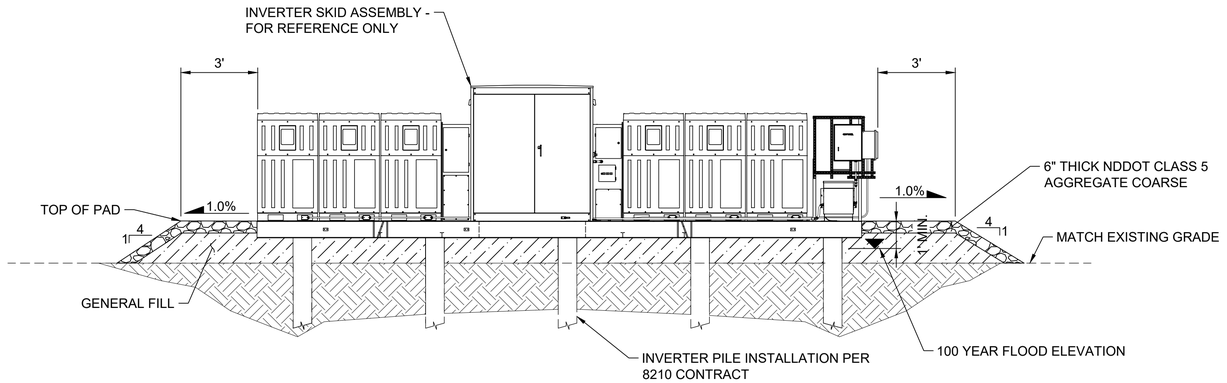
MAY 29, 2026 - 11:42am DRAWING NAME: C:\Users\jmhampton\DC\ACCDocs\BMcD ENR\Geronimo-HarmonySolar\Project Files\2_Dsgn\Civil\Dwgs\HMY-C-500-02.dwg

NOTES:

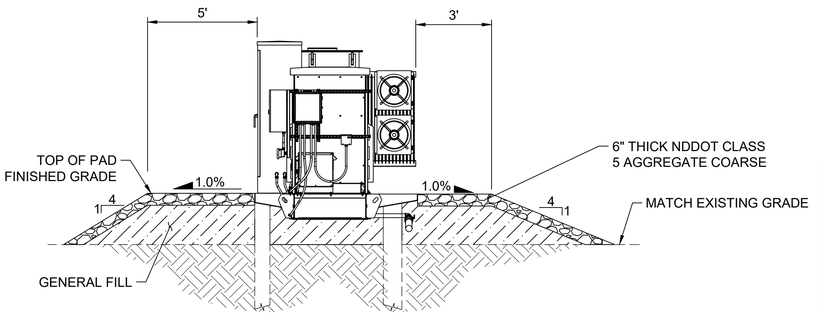
1. REFER TO DRAWING HMY-C-502-01 FOR INVERTER PAD HEIGHT AND TOP OF PAD ELEVATIONS.
2. INVERTER PAD TO BE INSTALLED AFTER INVERTER PILES AND UNDERGROUND CABLES INSTALLED. INVERTER PILES, EQUIPMENT SETTING AND UNDERGROUND CABLE INSTALLATION ARE BY OTHERS.
3. TOPSOIL AND ARRAY MIX SEED TO BE PLACED ON AREAS NOT SHOWN SURFACED WITH ROCK OR THE ROAD.



TYPICAL INVERTER PAD PLAN 1
NOT TO SCALE



SECTION A
NOT TO SCALE



SECTION B
NOT TO SCALE

ISSUED FOR CONSTRUCTION

NOT TO SCALE

BRETT SVOR
PE-42122
REGISTERED PROFESSIONAL ENGINEER
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HARMONY SOLAR
200 MW

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SITE IMPROVEMENTS & GRADING
INVERTER DETAILS

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER	DRAWING NUMBER	REV
LEAD ENG	B. SVOR	HMY-C-501-01	0
ENG MGR	D. REASOR		
PROJ MGR	C. GARNER		

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INVERTER PAD SCHEDULE			
INVERTER TAG	**PAD HEIGHT**	**100-YR, 24-HR WATER SURFACE ELEVATION (FT)**	**TOP OF PAD ELEVATION (FT)**
INV.F11A.01	2'-6"	912.03	914.39
INV.F11A.02	2'-6"	910.55	912.80
INV.F11A.03	2'-6"	910.51	912.38
INV.F11A.04	2'-6"	913.13	915.24
INV.F11A.05	2'-6"	912.11	914.26
INV.F11A.06	2'-6"	910.94	913.14
INV.F11B.01	2'-6"	914.27	916.72
INV.F11B.02	2'-6"	912.98	914.88
INV.F11B.03	2'-6"	911.64	913.11
INV.F11B.04	2'-6"	914.50	916.51
INV.F11B.05	2'-6"	913.34	915.48
INV.F11B.06	2'-6"	912.17	914.03
INV.F12A.01	2'-6"	917.04	919.25
INV.F12A.02	2'-6"	916.96	919.35
INV.F12A.03	2'-6"	914.78	917.06
INV.F12A.04	2'-6"	916.15	918.22
INV.F12A.05	2'-6"	916.23	918.40
INV.F12A.06	2'-6"	914.96	916.92
INV.F12B.01	2'-6"	917.26	918.51
INV.F12B.02	2'-6"	917.16	919.64
INV.F12B.03	2'-6"	918.36	920.37
INV.F12B.04	2'-6"	915.97	918.06
INV.F12B.05	2'-6"	918.65	921.34
INV.F12B.06	2'-6"	918.80	921.32
INV.F12B.07	2'-6"	919.09	921.28
INV.F21A.01	2'-6"	916.08	919.60
INV.F21A.02	2'-6"	916.92	919.21
INV.F21A.03	2'-6"	924.17	926.62
INV.F21A.04	2'-6"	923.32	925.26
INV.F21A.05	2'-6"	924.03	926.58
INV.F21A.06	2'-6"	923.37	925.77
INV.F21A.07	2'-6"	922.76	925.29
INV.F21B.01	2'-6"	912.86	914.88
INV.F21B.02	2'-6"	915.60	917.93
INV.F21B.03	2'-6"	922.42	924.72
INV.F21B.04	2'-6"	921.90	923.96
INV.F21B.05	2'-6"	921.64	923.99
INV.F21B.06	2'-6"	922.37	924.68
INV.F21B.07	2'-6"	921.03	923.23
INV.F22A.01	2'-6"	921.32	923.44
INV.F22A.02	2'-6"	922.24	924.48
INV.F22A.03	2'-6"	922.08	924.67
INV.F22A.04	2'-6"	919.64	921.06
INV.F22A.05	2'-6"	918.71	920.76
INV.F22B.01	2'-6"	913.65	915.83
INV.F22B.02	2'-6"	913.43	915.78
INV.F22B.03	2'-6"	918.88	921.05
INV.F22B.04	2'-6"	921.20	923.52
INV.F22B.05	2'-6"	920.75	922.84
INV.F22B.06	2'-6"	919.82	921.89

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 | CONTRACT: 8110

BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Co, Inc.
Firm License No. 016PE

SITE IMPROVEMENTS & GRADING
INVERTER PAD SCHEDULE

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER	DRAWING NUMBER	REV
LEAD ENG	B. SVOR	HMY-C-502-01	0
ENG MGR	D. REASOR		
PROJ MGR	C. GARNER		

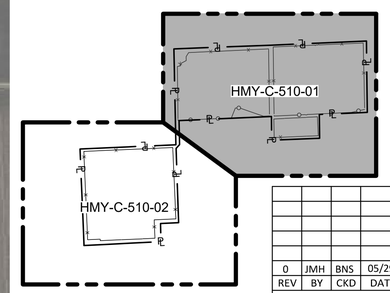
REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA
05/29/2026

ISSUED FOR CONSTRUCTION

NO SCALE

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KEYPLAN
NTS

ISSUED FOR CONSTRUCTION

NORTH

0 500' 1000'
SCALE IN FEET

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA
05/29/2026

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0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
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PROJECT: 186521 | CONTRACT: 8110

geronimo power

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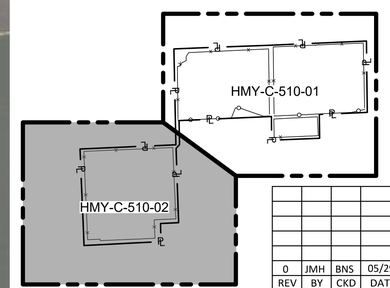
SITE IMPROVEMENTS & GRADING
SITE ENTRANCE PLAN 01 & ROAD NAMES

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
LEAD ENG	B. SVOR
ENG MGR	D. REASOR
PROJ MGR	C. GARNER

DRAWING NUMBER	REV
HMY-C-510-01	0

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KEYPLAN
NTS

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GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 | CONTRACT: 8110

BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Co, Inc.
Firm License No. 016PE

SITE IMPROVEMENTS & GRADING
SITE ENTRANCE PLAN 02 & ROAD NAMES

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
LEAD ENG	B. SVOR
ENG MGR	D. REASOR
PROJ MGR	C. GARNER

DRAWING NUMBER: HMY-C-510-02 | REV: 0

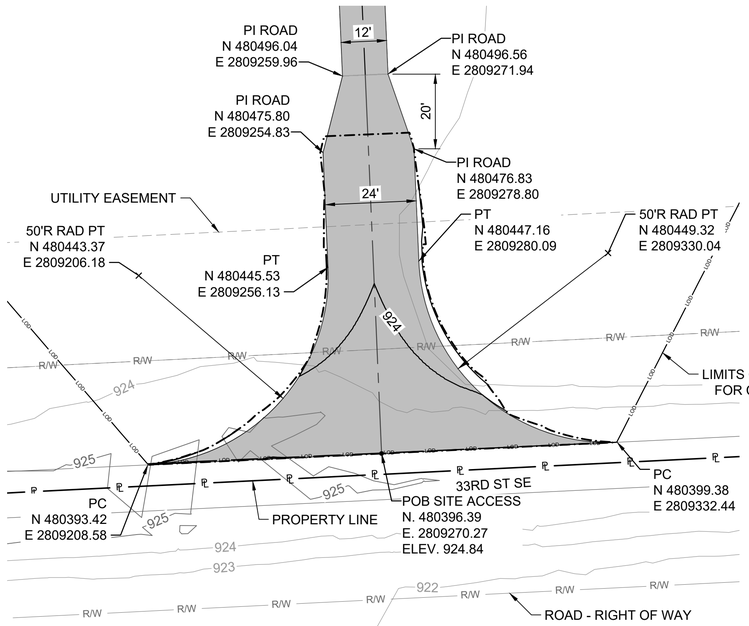
ISSUED FOR CONSTRUCTION

NORTH

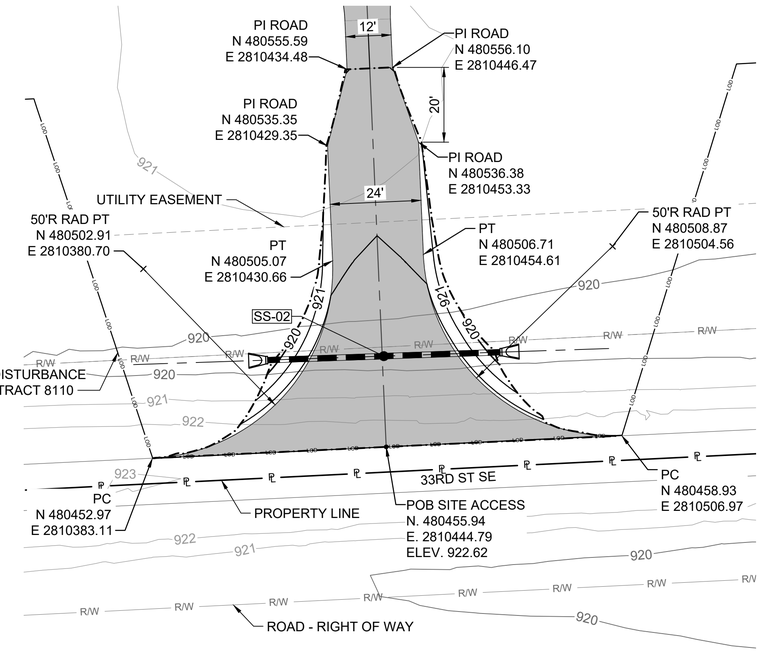
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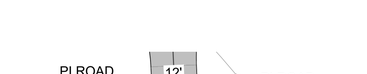
REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA
05/29/2026

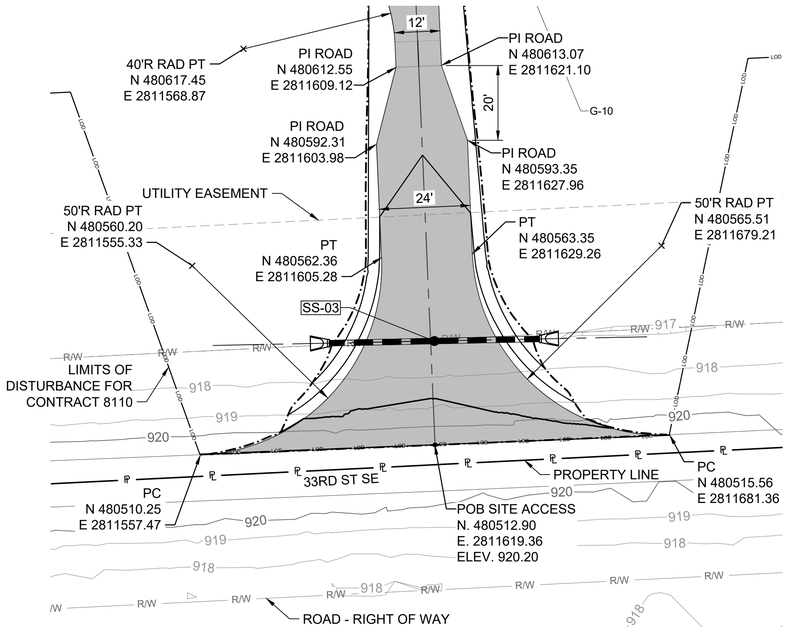
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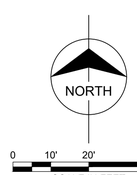




NOTES:

1. SEE CULVERT DETAILS ON DRAWING HMY-C-556-03.
2. ALL CULVERTS MUST HAVE A MINIMUM 1' COVER. USE MAX 3H:1V TO TIE INTO EXISTING GRADE. ALL SIDE SLOPES GREATER THAN 3H:1V MUST HAVE EROSION CONTROL BLANKETS.
3. FIELD VERIFY DEPTH OF EXISTING UTILITIES LOCATED IN RIGHT OF WAY USING SOFT DIG METHODS PRIOR TO INSTALLING SITE ENTRANCE.
4. SEE DRAWING HMY-C-512-02 FOR TYPICAL ENTRANCE GEOMETRY.
5. FIELD FIT GRADE AROUND GATES TO PROVIDE SPECIFIED SPACING BENEATH GATE PER DRAWING HMY-C-556-02 DETAIL 1 OR 2 (TYPE PER PLAN).
6. SEE STORM SEWER SCHEDULE ON DRAWING HMY-C-513-01.

ISSUED FOR CONSTRUCTION



05/29/2026

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 | CONTRACT: 8110

geronimo power

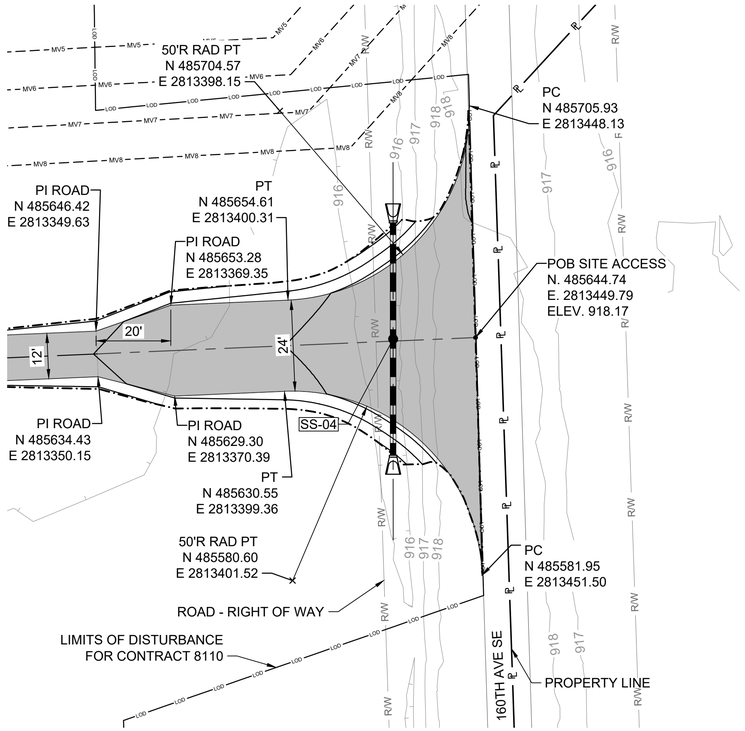
BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
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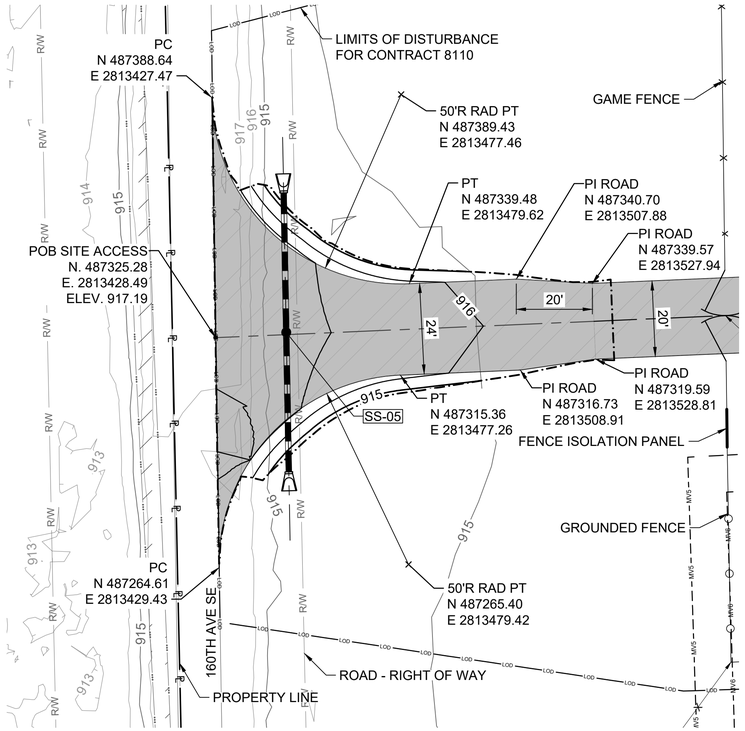
SITE IMPROVEMENTS & GRADING
SITE ENTRANCE DETAILS 01

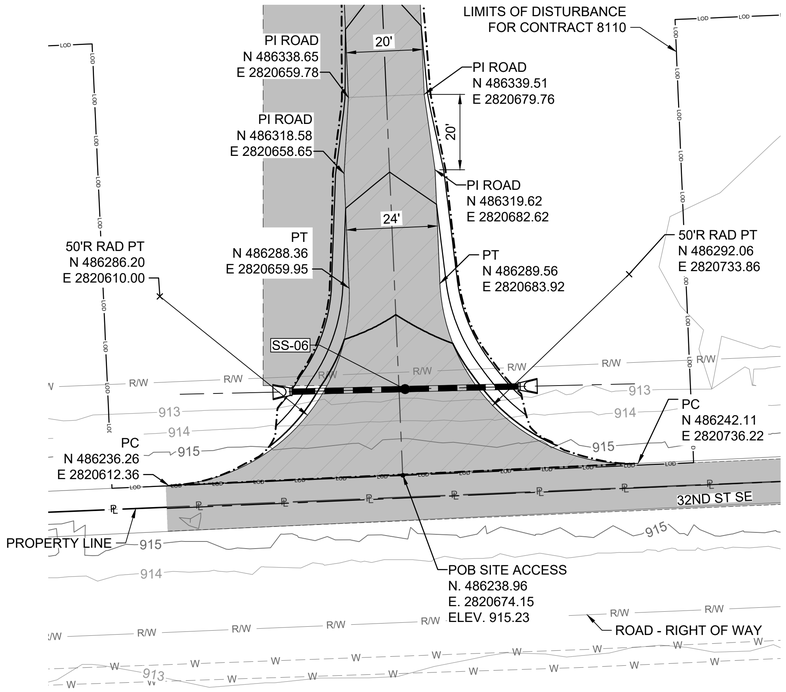
ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
LEAD ENG	B. SVOR
ENG MGR	D. REASOR
PROJ MGR	C. GARNER

DRAWING NUMBER	REV
HMY-C-511-01	0

MAY 29, 2026 - 11:54am DRAWING NAME: C:\Users\jmhampton\DC\ACCDocs\BMcD ENR\Geronimo-Harmony Solar\Project Files\2_Dsgn\Civil\Dwgs\HMY-C-511-01.dwg







N

SITE ENTRANCE-04 4

0 10' 20' 40'

SCALE IN FEET

HMY-C-510-02

N

SITE ENTRANCE-05 5

0 10' 20' 40'

SCALE IN FEET

HMY-C-510-01

N

SITE ENTRANCE-06 6

0 10' 20' 40'

SCALE IN FEET

HMY-C-510-01

NOTES:

1. SEE CULVERT DETAILS ON DRAWING HMY-C-556-03.
2. ALL CULVERTS MUST HAVE A MINIMUM 1' COVER. USE MAX 3H:1V TO TIE INTO EXISTING GRADE. ALL SIDE SLOPES GREATER THAN 3H:1V MUST HAVE EROSION CONTROL BLANKETS.
3. FIELD VERIFY DEPTH OF EXISTING UTILITIES LOCATED IN RIGHT OF WAY USING SOFT DIG METHODS PRIOR TO INSTALLING SITE ENTRANCE.
4. SEE DRAWING HMY-C-512-02 FOR TYPICAL ENTRANCE GEOMETRY.
5. FIELD FIT GRADE AROUND GATES TO PROVIDE SPECIFIED SPACING BENEATH GATE PER DRAWING HMY-C-556-02 DETAIL 1 OR 2 (TYPE PER PLAN).
6. SEE STORM SEWER SCHEDULE ON DRAWING HMY-C-513-01.

ISSUED FOR CONSTRUCTION

NORTH

0 10' 20' 40'

SCALE IN FEET

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA

05/29/2026

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 CONTRACT: 8110

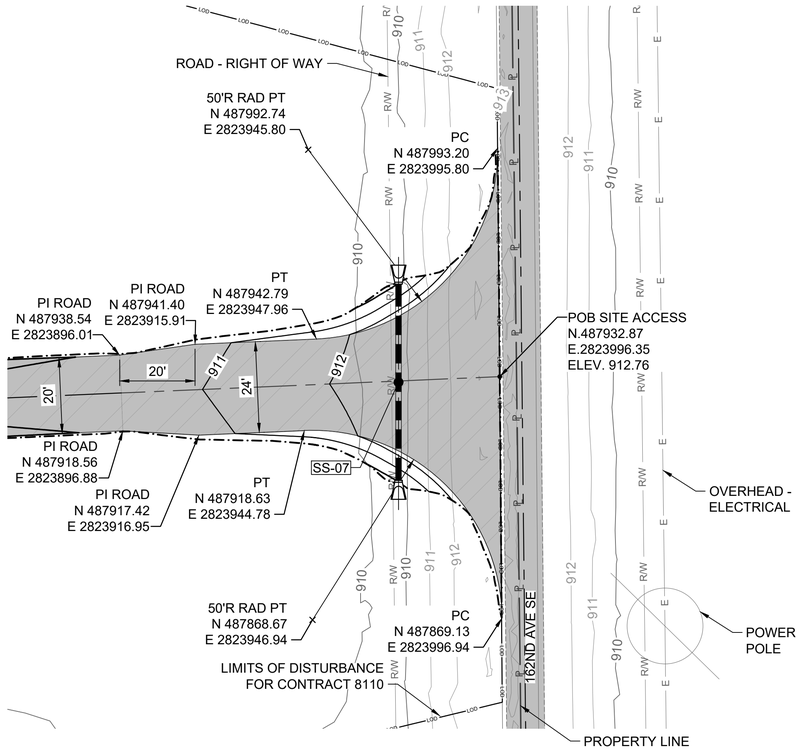
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KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Co, Inc.
Firm License No. 016PE

SITE IMPROVEMENTS & GRADING
SITE ENTRANCE DETAILS 02

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
LEAD ENG	B. SVOR
ENG MGR	D. REASOR
PROJ MGR	C. GARNER

DRAWING NUMBER: HMY-C-511-02 REV: 0

MAY 29, 2026 - 11:55am DRAWING NAME: C:\Users\jmhampton\DCACCDocs\BMcD ENR\Geronimo-HarmonySolar\Project Files\2_Dsgn\Civil\Dwgs\HMY-C-511-02.dwg



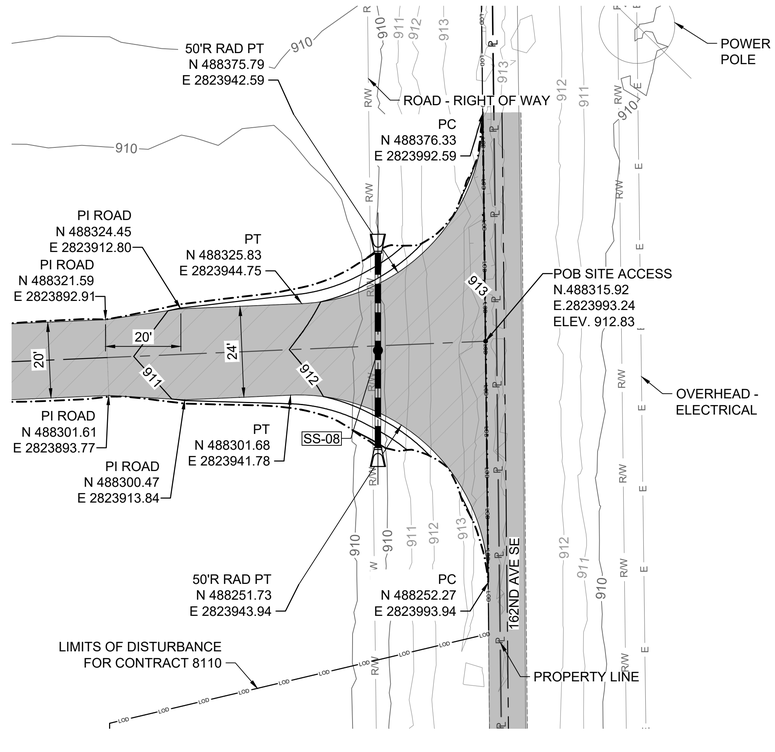
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SITE ENTRANCE-07 7

0 10' 20' 40'

SCALE IN FEET

HMY-C-510-01



N

SITE ENTRANCE-08 8

0 10' 20' 40'

SCALE IN FEET

HMY-C-510-01

NOTES:

1. SEE CULVERT DETAILS ON DRAWING HMY-C-556-03.
2. ALL CULVERTS MUST HAVE A MINIMUM 1' COVER. USE MAX 3H:1V TO TIE INTO EXISTING GRADE. ALL SIDE SLOPES GREATER THAN 3H:1V MUST HAVE EROSION CONTROL BLANKETS.
3. FIELD VERIFY DEPTH OF EXISTING UTILITIES LOCATED IN RIGHT OF WAY USING SOFT DIG METHODS PRIOR TO INSTALLING SITE ENTRANCE.
4. SEE DRAWING HMY-C-512-02 FOR TYPICAL ENTRANCE GEOMETRY.
5. FIELD FIT GRADE AROUND GATES TO PROVIDE SPECIFIED SPACING BENEATH GATE PER DRAWING HMY-C-556-02 DETAIL 1 OR 2 (TYPE PER PLAN).
6. SEE STORM SEWER SCHEDULE ON DRAWING HMY-C-513-01.

ISSUED FOR CONSTRUCTION

NORTH

0 10' 20' 40'

SCALE IN FEET

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA

05/29/2026

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 | CONTRACT: 8110

geronimo power

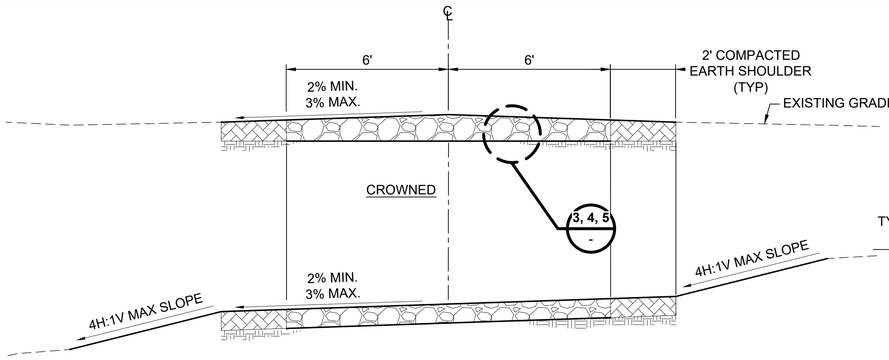
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9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Co, Inc.
Firm License No. 016PE

SITE IMPROVEMENTS & GRADING
SITE ENTRANCE DETAILS 03

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
LEAD ENG	B. SVOR
ENG MGR	D. REASOR
PROJ MGR	C. GARNER

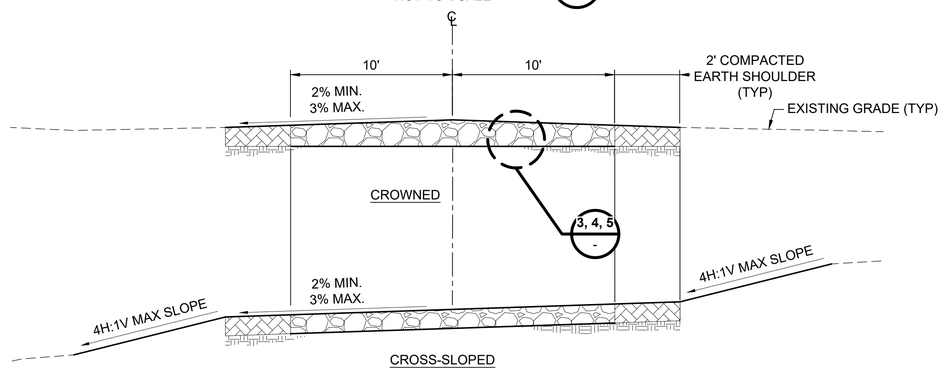
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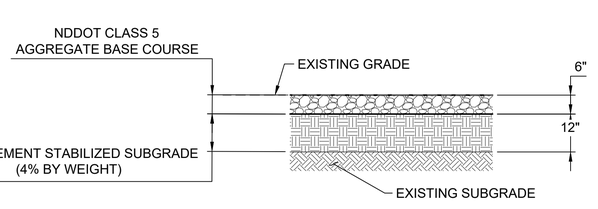
CROSS-SLOPED

12' TYPICAL ACCESS ROAD — 1 / - — NOT TO SCALE

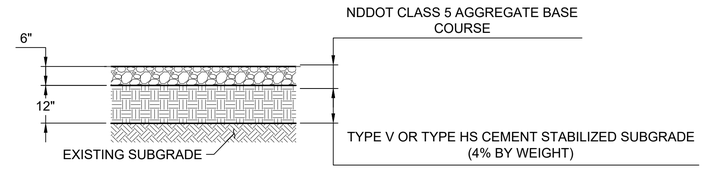


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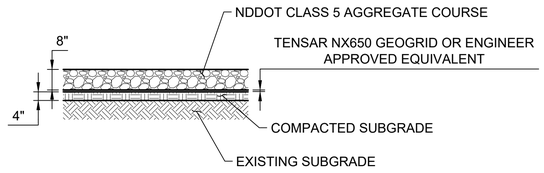
SUBSTATION ACCESS ROAD — 2 / - — NOT TO SCALE



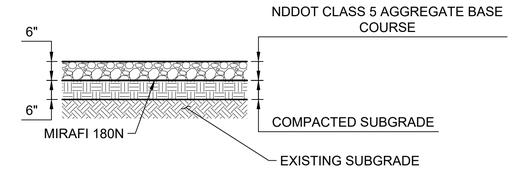
PERMANENT ACCESS ROAD SURFACING - TYPE I — 3 / - — NOT TO SCALE



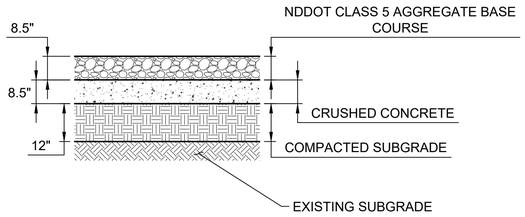
PERMANENT ACCESS ROAD SURFACING - TYPE 2 — 4 / - — NOT TO SCALE



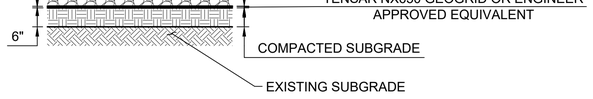
PERMANENT ACCESS ROAD SURFACING - TYPE 3 — 5 / - — NOT TO SCALE



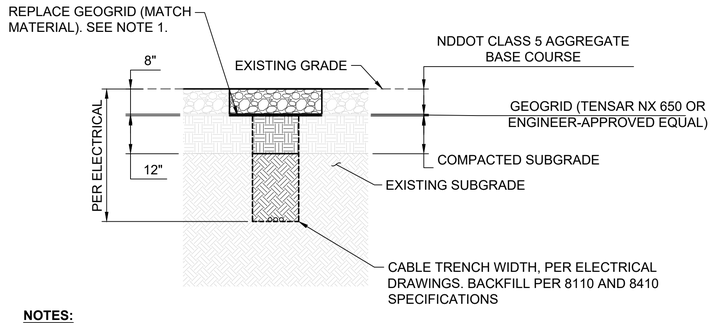
TEMPORARY LAYDOWN YARD AND ACCESS ROAD SURFACING — 6 / - — NOT TO SCALE



RESURFACED COUNTY ROAD (BY 8110 SUBCONTRACTOR) — 7 / - — NOT TO SCALE



PERMANENT LAYDOWN YARD SURFACING — 8 / - — NOT TO SCALE



GEOGRID REPAIR — 9 / - — NOT TO SCALE

ACCESS ROAD DETAILS:

1. ROADS SHALL BE CONSTRUCTED WITH THE SLOPES DEPICTED IN THE TYPICAL SECTIONS IN ORDER TO MAINTAIN SITE DRAINAGE. ACCESS ROADS AND SHOULDERS SHALL REMAIN WELL-DRAINED.
   - 1.1. CONSTRUCT CROSS-SLOPED SECTION WHERE ROADS ARE CONSTRUCTED ON AN EXISTING SIDE SLOPE, AND WHERE NOTED ON PLANS.
   - 1.2. CONSTRUCT CROWNED SECTIONS WHERE ROADS ARE CONSTRUCTED ON A FLAT SLOPE, AND WHERE NOTED ON PLANS.
2. ALL INTERNAL TURNING RADII ALONG ACCESS ROAD SHALL BE AS FOLLOWS:
   - 2.1. 12' TYPICAL ACCESS ROAD: 40-FT TYP. UNLESS NOTED OTHERWISE. SEE ENTRANCE DETAILS ON HMY-C-512-02 FOR GEOMETRY AT SITE ENTRANCES.
   - 2.2. 20' TYPICAL ACCESS ROAD: 50-FT TYP. UNLESS NOTED OTHERWISE.
   - 2.3. TEMPORARY CONSTRUCTION ACCESS ROAD: 40-FT TYP. UNLESS NOTED OTHERWISE.
3. TOPSOIL SHALL BE STRIPPED FOR CONSTRUCTION OF ACCESS ROADS PER SPECIFICATIONS. TOPSOIL IS TO BE STOCKPILED IN PERMANENT TOPSOIL BERMS WITHIN THE SAME PARCEL.
4. ACCESS ROAD EXISTING SUBGRADE SHALL BE PROOFROLLED PER SPECIFICATIONS PRIOR TO CONSTRUCTION OF ACCESS ROADS.
5. ACCESS ROAD DESIGN HAS FOLLOWED THE RECOMMENDATIONS FROM THE GEOTECHNICAL REPORT.
   - 5.1. THERE WILL BE A NEED FOR AN ONGOING MAINTENANCE PROGRAM. ROAD REPAIRS SHOULD BE EXPECTED THROUGHOUT THE LIFE OF THE ROADWAY.
6. ON-SITE FILL MAY BE USED FOR ROAD GRADING FILL WHERE SUITABLE WITH ACCORDANCE WITH THE GEOTECHNICAL REPORT.

SURFACING NOTES:

1. ADDITIONAL SUBGRADE PREPARATION MAY BE REQUIRED BASED ON RESULTS OF PROOF ROLL.
2. ROADWAY DESIGN ASSUMED ALLOWABLE RUT DEPTH OF 2 INCHES. MAINTENANCE SHOULD BE PERFORMED WHEN RUTTING IN EXCESS OF 2 INCHES OCCURS TO PRESERVE ROAD PERFORMANCE.
3. COMPACTED SHOULDER MAY REQUIRE ADDITIONAL AGGREGATE BASE TO SUPPORT VEHICULAR LOADS. SUBCONTRACTOR TO ADD ADDITIONAL AGGREGATE BASE AS NEEDED IF COMPACTING THE SHOULDER RESULTS IN PONDING.

CONSTRUCTION SEQUENCING NOTES:

1. ACCESS ROAD SHALL BE COMPLETED IN PHASES:
   - 1.1. **INITIAL PHASE:** INCLUDES SCARIFICATION AND COMPACTION OF SUBGRADE MATERIAL PER NOTE SHEETS AND BASE ROCK PER DETAIL.
   - 1.2. **FINAL PHASE:** UPON COMPLETION OF MODULE AND INVERTER INSTALLATION, SUBCONTRACTOR SHALL REPAIR EXISTING ROAD. UPON COMPLETION OF PROJECT, SUBCONTRACTOR SHALL RESURFACE ROADWAY AS REQUIRED AS TO LEAVE IN A NEAT AND ORDERLY FASHION. ALL ROADWAY REPAIRS AND RESURFACING EFFORTS SHALL RESTORE ROAD CONDITIONS TO AT-GRADE ROAD CONDITIONS CONSISTENT WITH ROAD DESIGN REFLECTED IN DRAWINGS.
2. CONTRACTOR TO SEED TEMPORARY ACCESS ROAD, ENTRANCES AND LAYDOWN AREAS IMMEDIATELY AFTER TOPSOIL IS REPLACED.
3. FINAL ROADWAY REPAIR AND RESURFACING SHALL FILL RUTS WITH ADDITIONAL AGGREGATE BASE RATHER THAN BY RE-GRADING WITH EXISTING MATERIAL. AGGREGATE BASE MATERIAL FOR FINAL REPAIR AND RESURFACING MAY UTILIZE MATERIAL RECLAIMED FROM TEMPORARY LAYDOWNS OR TEMPORARY CONSTRUCTION ACCESS ROADS, IF APPLICABLE (GRANTED IT IS CLEAN AND FREE OF DIRT), NDDOT CLASS 5 AGGREGATE BASE COURSE.

NOTES:

1. OVERLAP THE GEOGRID AS REQUIRED BY THE MANUFACTURER'S RECOMMENDATIONS.

ISSUED FOR CONSTRUCTION

NOT TO SCALE

REGISTERED PROFESSIONAL ENGINEER — BRETT SVOR PE-42122 — DATE — NORTH DAKOTA

05/29/2026

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 | CONTRACT: 8110

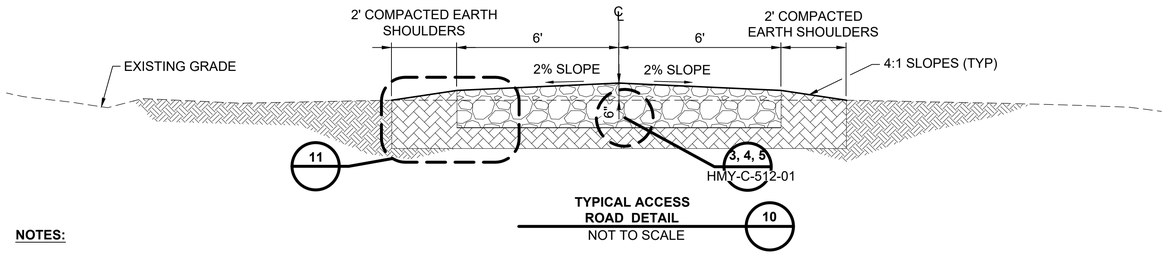
BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Co, Inc.
Firm License No. 016PE

SITE IMPROVEMENTS & GRADING
ROAD DETAILS 01

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
LEAD ENG	B. SVOR
ENG MGR	D. REASOR
PROJ MGR	C. GARNER

DRAWING NUMBER: HMY-C-512-01 | REV: 0

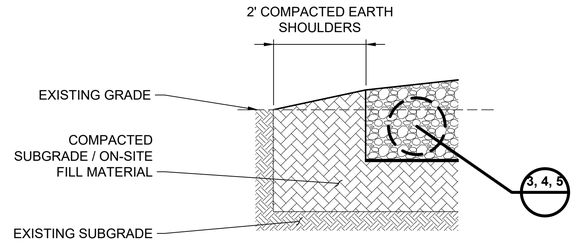
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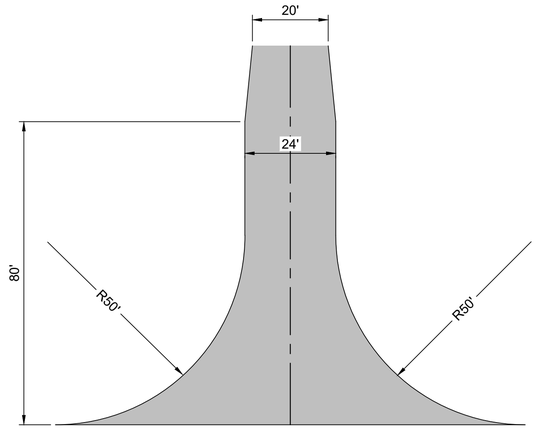
TYPICAL ACCESS ROAD DETAIL — 10
NOT TO SCALE

NOTES:

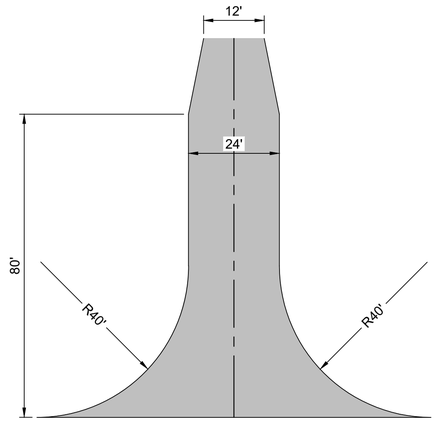
1. ALL ACCESS ROADS ARE TO BE INSTALLED RAISED TO FACILITATE SITE ACCESS DURING STORM EVENTS - NO PONDING OF WATER ON ROADWAYS SHALL BE PERMITTED. ROADWAYS SHALL BE CROWNED WITH 2% CROSS SLOPES WITH AGGREGATE SECTION AND 4:1 SLOPES WITH SHOULDER SECTION TO TO BACK INTO EXISTING GRADE.



PERMANENT ACCESS ROAD SURFACING DETAIL — 11
NOT TO SCALE



PERMANENT ENTRANCE - TYPE 1 — 1
SCALE: 1" = 20'



PERMANENT ENTRANCE - TYPE 2 — 2
SCALE: 1" = 20'

ISSUED FOR CONSTRUCTION

NORTH

0 10' 20' 40'
SCALE IN FEET

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA
05/29/2026

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 | CONTRACT: 8110

BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Co, Inc.
Firm License No. 016PE

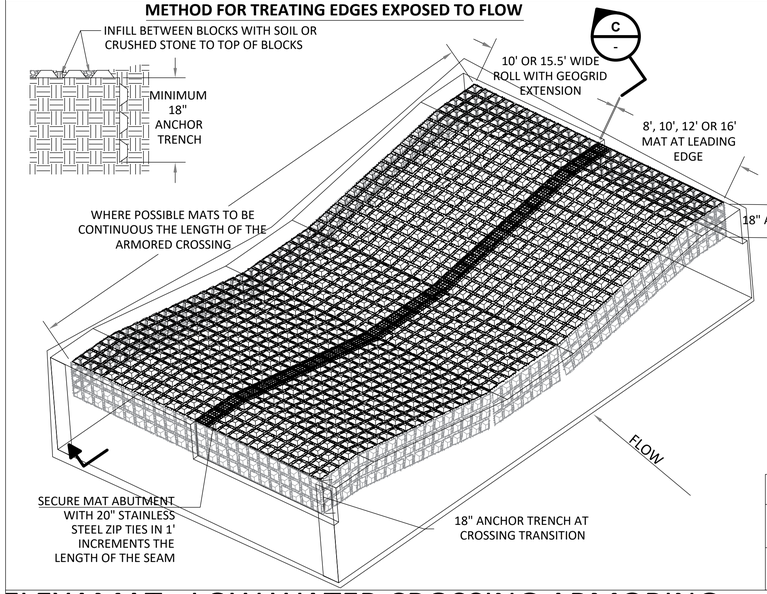
SITE IMPROVEMENTS & GRADING
ROAD DETAILS 02

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
LEAD ENG	B. SVOR
ENG MGR	D. REASOR
PROJ MGR	C. GARNER

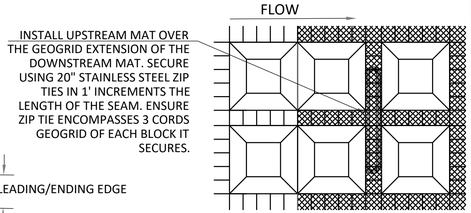
DRAWING NUMBER: HMY-C-512-02 | REV: 0

MAY 29, 2026 - 11:56am DRAWING NAME: C:\Users\jmhampton\DC\ACCDocs\BMcD ENR\Geronimo-HarmonySolar\Project Files\2_Dsgn\Civil\Dwgs\HMY-C-512-02.dwg

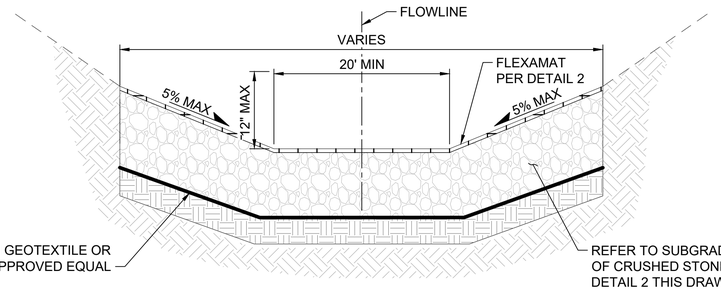
METHOD FOR TREATING EDGES EXPOSED TO FLOW



ABUTMENT METHOD FOR SEAMS PERPENDICULAR WITH FLOW



SUBGRADE THICKNESS OF CRUSHED STONE		
SITE SOIL TYPE	LIGHT LOAD VEHICLES: CARS/PICKUP TRUCKS	HEAVY LOAD VEHICLES: LARGE TRUCKS, RV'S, DELIVERY VEHICLES
CLAY SOILS FINE TO VERY FINE	BASE: 6-9.5" OF CRUSHED STONE	BASE: 10" OF CRUSHED STONE



FLEXAMAT - LOW WATER CROSSING ARMORING

CONSTRUCTION NOTES:

1. AN ENGINEER OR MANUFACTURES REPRESENTATIVE SHALL BE ONSITE FOR THE START OF THE INSTALLATION.
2. ALL SUBGRADE SURFACES PREPARED FOR PLACEMENT OF MATS SHALL BE SMOOTH AND FREE OF ALL STICKS, ROOTS, OTHER PROTRUSIONS, OR DEBRIS OF ANY KIND.
3. FLEXAMAT ROLLS ARE AVAILABLE IN STANDARD WIDTHS OF 16' FOR LOW WATER CROSSINGS. FOR CROSSINGS WIDER THAN THE 16' INCLUDING ANCHOR TRENCHES, INSTALL A 10' OR A 15.5' WIDE MAT WITH A GEOGRID EXTENSION AND UNDERLAYMENT EXTENSION. COMPLETE THE REMAINDER OF THE CHANNEL WIDTH WITH AN 8', 10', 12' OR 16' MAT. IT IS THE MANUFACTURERS RECOMMENDATION TO UTILIZE THE WIDEST MATS POSSIBLE. THE PARALLEL ABUTMENT SEAM SHALL BE IN THE CENTER OF THE CROSSING TO MINIMIZE DRIVING ON ABUTMENT SEAM.
4. FLEXAMAT ROLLS SHALL BE CONTINUOUS FOR THE ENTIRE LENGTH OF THE CROSSING.
   - 4.1. WHEN CROSSING EXCEEDS 100' IN WIDTH OR WHEN SITE CONDITIONS PREVENT THE USE OF A CONTINUOUS MAT, INSTALL SHORTER ROLLS AND ABUT PARALLEL ABUTMENT SEAMS TIGHTLY. SECURE PARALLEL ABUTMENT SEAMS WITH STAINLESS STEEL ZIP TIES IN 1' INCREMENTS WITH STAINLESS STEEL ZIP TIES. ZIP TIES SHALL ENCOMPASS 3 CORDS OF GEOGRID ON EACH MAT.
   - 4.2. WHEN INSTALLING SHORTER ROLLS, THE PARALLEL ABUTMENT SEAMS SHOULD NOT BE IN THE CHANNEL BOTTOM. WHENEVER POSSIBLE PARALLEL SEAMS SHALL BE ABOVE THE THE NORMAL LOW WATER ELEVATION.
5. AT LEADING AND ENDING EDGES PERPENDICULAR TO THE CHANNEL EMBED THE FLEXAMAT INTO A 18" VERTICAL ANCHOR TRENCH.
   - 5.1. AT THE CROSSING TRANSITION TO THE ACCESS DRIVE, TRANSITION THE FLEXAMAT TO THE EXISTING GRADE. IF CONCENTRATED FLOW IS ANTICIPATED EMBED FLEXAMAT INTO A 18" VERTICAL ANCHOR TRENCH.
6. FOR CROSSINGS WIDER THAN 16' INSTALL THE DOWNSTREAM MAT WITH THE GEOGRID AND UNDERLAYMENT EXTENSIONS FIRST. ENSURE EXTENSIONS ARE LAYING FLAT PRIOR TO PLACEMENT OF THE UPSTREAM MAT.
   - 6.1. INSTALL THE UPSTREAM MAT OVER THE DOWNSTREAM MAT EXTENSIONS. INSTALL STAINLESS STEEL ZIP TIES IN 1' INCREMENTS THE LENGTH OF THE LONGITUDINAL SEAM. ZIP TIES SHALL ENCOMPASS 3 CORDS OF GEOGRID ON EACH MAT.

MOTZ ENTERPRISES, INC.
Flexamat
(513)772-6689
Info@Flexamat.com
Flexamat.com

REV - 1

LOW WATER CROSSING:

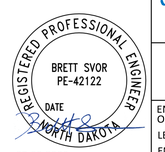
1. ARMORFLEX 45L OR ENGINEER-APPROVED EQUAL MAY BE SUBSTITUTED FOR FLEXAMAT PRODUCT.
2. DIMENSIONS AND GRADING SHOWN ARE APPROXIMATE. VERIFY FIELD CONDITIONS AND INSTALL LOW WATER CROSSING AS REQUIRED TO ALLOW FOR POSITIVE DRAINAGE OVER THE ACCESS ROAD.
3. INSTALL LOW WATER CROSSINGS PER MANUFACTURERS GUIDELINES AND RECOMMENDATIONS.
4. INSTALL SUBBASE UNDER SUBGRADE OF CRUSHED STONE FOR FLEXAMAT PER GEOTECHNICAL REPORT RECOMMENDATIONS FOR ACCESS ROADS.

SECTION C - NOT TO SCALE

LOW WATER CROSSING 1 - NOT TO SCALE

ISSUED FOR CONSTRUCTION

NOT TO SCALE



05/29/2026

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 | CONTRACT: 8110

BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Co, Inc.
Firm License No. 016PE

SITE IMPROVEMENTS & GRADING
LOW WATER CROSSING DETAILS

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
LEAD ENG	B. SVOR
ENG MGR	D. REASOR
PROJ MGR	C. GARNER

DRAWING NUMBER: HMY-C-512-03 | REV: 0

MAY 29, 2026 - 11:57am DRAWING NAME: C:\Users\jmhampton\DC\ACCDocs\BMcD ENR\Geronimo-HarmonySolar\Project Files\2_Dsgn\Civil\Dwgs\HMY-C-512-03.dwg

LOCATION	PER THE STANDARD MAXIMUM DENSITY TEST (ASTM D698)[1]	
	MINIMUM COMPACTION REQUIREMENT (%)	RANGE OF MOISTURE CONTENTS FOR COMPACTION (% OVER OPTIMUM) [2]
FILL PLACED WITHIN PV ARRAY AREAS - NON - LOAD BEARING AREAS (NO SURFACE SUPPORTED FOUNDATIONS)	95	-3% TO +3%
FILL SOILS PLACED BENEATH THE GRADE-SUPPORTED STRUCTURE AREAS (PV ARRAY AREAS AND SUBSTATION STRUCTURE AREAS)	95	-3% TO +3%
FILL FOR SUBSTATION PAD - NON-LOAD BEARING AREAS	95	-3% TO +3%
BASE COARSE AGGREGATE FOR SUBSTATION PAD	95	-2% TO +2%
ACCESS ROAD GRADING FILL	95	0 TO +2
ACCESS ROAD - TOP OF SUBGRADE	PROOFROLL, MAXIMUM 1" IN RUTTING	
ACCESS ROAD - CEMENT TREATED AND COMPACTED NATIVE SOULS FOR ROADWAYS (NOMINAL APPROXIMATE 12 FOOT WIDE ROADWAY)	95	0% TO +3%
ACCESS ROAD AGGREGATE BASE	98	-2 TO +2
CABLE TRENCH SUBGRADE AND BACKFILL IN NON-STRUCTURAL AREAS [3]	90	-2 TO +2
CABLE TRENCH SUBGRADE AND BACKFILL UNDER ROADWAY [3]	95	-2 TO +2
INVERTER PAD EXCAVATION BACKFILL/EQUIPMENT PAD BACKFILL	95	-2 TO +2
GENERAL FILL (FOR INVERTER PAD)	90	-2 TO +2

1. FREQUENCY OF TEST MAY BE INCREASED OR DECREASED AT THE DISCRETION OF ENGINEER OF RECORD.
2. STRUCTURAL FILL LOW PLASTICITY COHESIVE SOILS: -3% TO +3% OF OPTIMUM. GENERAL FILL HIGH PLASTICITY COHESIVE SOILS: 0 + 4% OF OPTIMUM MOISTURE RANGES SHOWN ABOVE AREA FOR INFORMATIONAL PURPOSES ONLY FOR ALL CASES EXCEPT FOR CHEMICALLY STABILIZED SUBGRADES. AT MINIMUM, CONTRACTOR SHOULD TARGET THE MINIMUM DENSITY SPECIFIED. IF TARGET DENSITY IS ACHIEVED OUTSIDE OF THE MOISTURE TOLERANCE SHOWN ABOVE, THE TEST IS DEEMED ACCEPTABLE FOR ALL CASES EXCEPT FOR THE CASE OF CHEMICALLY STABILIZED SUBGRADES, WHERE MOISTURE RANGE SHALL BE FOLLOWED.
3. MAXIMUM LIFT THICKNESS: 9-INCHES OR LESS IN LOOSE THICKNESS WHEN HEAVY, SELF-PROPELLED COMPACTION IS USED OR 6-INCHES IN LOOSE THICKNESS WHEN HAND-GUIDED EQUIPMENT (I.E. JUMPING JACK OR PLATE COMPACTOR) IS USED.

ISSUED FOR CONSTRUCTION

NOT TO SCALE

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA
05/29/2026

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 | CONTRACT: 8110

BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
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Burns & McDonnell Engineering Co, Inc.
Firm License No. 016PE

SITE IMPROVEMENTS & GRADING
COMPACTION SPECIFICATIONS

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
LEAD ENG	B. SVOR
ENG MGR	D. REASOR
PROJ MGR	C. GARNER

DRAWING NUMBER: HMY-C-512-04 | REV: 0

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CRT-01 STORM SEWER SCHEDULE

TAG	SIZE	LENGTH	SLOPE	INVERT EL START	INVERT EL END	INVERT START NORTHING	INVERT START EASTING	INVERT END NORTHING	INVERT END EASTING	MATERIAL
SS-07	18"	53'	0.21%	909.93	909.82	487,957.78	2,823,969.63	487,904.99	2,823,969.64	CHDPE
SS-08	18"	52'	0.19%	909.88	909.78	488,339.65	2,823,964.83	488,287.36	2,823,964.83	CHDPE
SS-10	18"	43'	0.09%	911.91	911.87	488,535.90	2,823,216.61	488,537.17	2,823,259.41	CHDPE

CRT-03 STORM SEWER SCHEDULE

TAG	SIZE	LENGTH	SLOPE	INVERT EL START	INVERT EL END	INVERT START NORTHING	INVERT START EASTING	INVERT END NORTHING	INVERT END EASTING	MATERIAL
SS-06	18"	60'	0.08%	912.90	912.85	486,262.42	2,820,704.58	486,261.04	2,820,644.86	CHDPE

CRT-04 STORM SEWER SCHEDULE

TAG	SIZE	LENGTH	SLOPE	INVERT EL START	INVERT EL END	INVERT START NORTHING	INVERT START EASTING	INVERT END NORTHING	INVERT END EASTING	MATERIAL
SS-01	18"	34'	0.09%	920.89	920.86	480,556.72	2,809,490.57	480,590.59	2,809,488.93	CHDPE
SS-09	18"	49'	0.71%	913.65	913.30	487,603.98	2,818,279.58	487,556.21	2,818,291.23	CHDPE
SS-11	18"	60'	0.22%	913.75	913.62	488,046.25	2,816,909.73	488,106.18	2,816,906.83	CHDPE

CRT-05 STORM SEWER SCHEDULE

TAG	SIZE	LENGTH	SLOPE	INVERT EL START	INVERT EL END	INVERT START NORTHING	INVERT START EASTING	INVERT END NORTHING	INVERT END EASTING	MATERIAL
SS-05	18"	75'	0.15%	914.65	914.54	487,363.99	2,813,446.45	487,289.35	2,813,447.83	CHDPE

CRT-06 STORM SEWER SCHEDULE

TAG	SIZE	LENGTH	SLOPE	INVERT EL START	INVERT EL END	INVERT START NORTHING	INVERT START EASTING	INVERT END NORTHING	INVERT END EASTING	MATERIAL
SS-04	18"	61'	0.20%	915.87	915.75	485,675.02	2,813,428.04	485,613.68	2,813,428.06	CHDPE

CRT-07 STORM SEWER SCHEDULE

TAG	SIZE	LENGTH	SLOPE	INVERT EL START	INVERT EL END	INVERT START NORTHING	INVERT START EASTING	INVERT END NORTHING	INVERT END EASTING	MATERIAL
SS-03	18"	55'	0.41%	917.23	917.00	480,539.78	2,811,591.52	480,540.89	2,811,646.99	CHDPE

CRT-08 STORM SEWER SCHEDULE

TAG	SIZE	LENGTH	SLOPE	INVERT EL START	INVERT EL END	INVERT START NORTHING	INVERT START EASTING	INVERT END NORTHING	INVERT END EASTING	MATERIAL
SS-02	18"	61'	0.10%	919.66	919.60	480,478.85	2,810,413.51	480,480.94	2,810,474.85	CHDPE

ISSUED FOR CONSTRUCTION

NOT SCALE

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA
05/29/2026

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 | CONTRACT: 8110

BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Co, Inc.
Firm License No. 016PE

SITE IMPROVEMENTS & GRADING
STORM SEWER SCHEDULE

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
LEAD ENG	B. SVOR
ENG MGR	D. REASOR
PROJ MGR	C. GARNER

DRAWING NUMBER: HMY-C-513-01 | REV: 0

MAY 29, 2026 - 11:57am DRAWING NAME: C:\Users\jmhampton\DC\ACCDocs\BMcD ENR\Geronimo-Harmony5olar\Project Files\2_Dsgn\Civil\Dwgs\HMY-C-513-01.dwg

RD-CWA-01-01 SEGMENT TABLE			
SEGMENT #	RADIUS	LENGTH	LINE/CHORD DIRECTION
L1		304.69	S87°31'26"W
C1	60.00	94.25	S42°31'26"W
L2		212.83	S02°28'34"E

RD-CWA-01-02 SEGMENT TABLE			
SEGMENT #	RADIUS	LENGTH	LINE/CHORD DIRECTION
L3		352.29	S87°31'26"W

RD-CWA-01-03 SEGMENT TABLE			
SEGMENT #	RADIUS	LENGTH	LINE/CHORD DIRECTION
L4		504.50	N49°34'45"W
C2	46.00	37.87	N26°03'34"W
L5		2776.95	N02°28'34"W
C3	46.00	72.26	N47°28'34"W
L6		1084.02	S87°31'26"W
L12		543.69	S87°31'26"W

RD-CWA-01-04 SEGMENT TABLE			
SEGMENT #	RADIUS	LENGTH	LINE/CHORD DIRECTION
L13		1449.14	N87°31'26"E
L11		1449.14	N87°31'26"E
C5	60.00	24.57	N75°47'27"E
L10		457.50	N64°03'29"E

RD-CWA-01-05 SEGMENT TABLE			
SEGMENT #	RADIUS	LENGTH	LINE/CHORD DIRECTION
L7		196.45	N02°28'34"W

RD-CWA-01-06 SEGMENT TABLE			
SEGMENT #	RADIUS	LENGTH	LINE/CHORD DIRECTION
L14		3749.55	N02°28'34"W

RD-CWA-01-07 SEGMENT TABLE			
SEGMENT #	RADIUS	LENGTH	LINE/CHORD DIRECTION
L8		230.43	N70°09'12"W
C4	60.00	70.87	N36°18'53"W
L9		110.74	N02°28'34"W

RD-CWA-02-01 SEGMENT TABLE			
SEGMENT #	RADIUS	LENGTH	LINE/CHORD DIRECTION
L19		41.95	S87°31'26"W
C6	46.00	24.30	S72°23'27"W
L20		13.77	S57°15'29"W
C7	46.00	24.30	S72°23'27"W
L21		13.59	S87°31'26"W
C8	46.00	21.52	N79°04'18"W
L22		21.27	N65°40'02"W
C9	46.00	21.52	N79°04'18"W
L23		366.07	S87°31'26"W
L27		1084.04	S87°31'26"W
L29		536.85	S87°31'26"W
C13	46.00	72.26	S42°31'26"W
L39		29.35	S02°28'34"E
C14	46.00	72.26	S42°31'26"W
L40		72.19	S87°31'28"W

RD-CWA-02-02 SEGMENT TABLE			
SEGMENT #	RADIUS	LENGTH	LINE/CHORD DIRECTION
L38		2913.46	N87°31'26"E
L36		2913.46	N87°31'26"E
L34		2913.46	N87°31'26"E
L33		2913.46	N87°31'26"E
L26		2913.46	N87°31'26"E
L25		2913.46	N87°31'26"E
L15		2913.46	N87°31'26"E

RD-CWA-02-03 SEGMENT TABLE			
SEGMENT #	RADIUS	LENGTH	LINE/CHORD DIRECTION
L24		3749.55	N02°28'34"W

RD-CWA-02-04 SEGMENT TABLE			
SEGMENT #	RADIUS	LENGTH	LINE/CHORD DIRECTION
L28		3749.55	N02°28'34"W

RD-CWA-03-01 SEGMENT TABLE			
SEGMENT #	RADIUS	LENGTH	LINE/CHORD DIRECTION
L16		91.11	N00°00'00"E
C10	60.00	29.52	S14°05'47"E
L30		1188.00	N02°28'34"W
L18		1188.00	N02°28'34"W
C11	60.00	26.93	N15°20'05"W
L17		19.70	N28°11'35"W

RD-CWA-03-02 SEGMENT TABLE			
SEGMENT #	RADIUS	LENGTH	LINE/CHORD DIRECTION
L31		1120.00	S87°31'26"W
C12	46.00	72.26	N47°28'34"W
L32		1124.54	N02°28'34"W

RD-CWA-04-01 SEGMENT TABLE			
SEGMENT #	RADIUS	LENGTH	LINE/CHORD DIRECTION
L43		821.53	S87°31'28"W
L46		1084.04	S87°31'26"W
L49		541.55	S87°31'26"W

RD-CWA-04-02 SEGMENT TABLE			
SEGMENT #	RADIUS	LENGTH	LINE/CHORD DIRECTION
L48		2962.83	S02°28'34"E

RD-CWA-04-03 SEGMENT TABLE			
SEGMENT #	RADIUS	LENGTH	LINE/CHORD DIRECTION
L44		3444.78	S02°28'34"E

RD-CWA-04-04 SEGMENT TABLE			
SEGMENT #	RADIUS	LENGTH	LINE/CHORD DIRECTION
L41		237.01	S87°31'26"W
C15	60.00	22.60	N81°40'59"W
L42		1517.92	N70°53'24"W
L45		1517.92	N70°53'24"W
C16	60.00	6.38	N67°50'32"W
L47		236.95	N64°47'39"W

RD-CWA-04-05 SEGMENT TABLE			
SEGMENT #	RADIUS	LENGTH	LINE/CHORD DIRECTION
L50		215.00	S59°12'51"W
C17	60.00	39.06	S40°33'59"W
L52		519.92	S21°55'08"W
C18	60.00	42.44	S42°11'01"W

RD-CWA-05-01 SEGMENT TABLE			
SEGMENT #	RADIUS	LENGTH	LINE/CHORD DIRECTION
L58		2845.13	N87°31'26"E
L55		2845.13	N87°31'26"E
L53		2845.13	N87°31'26"E
C19	60.00	26.26	N74°59'11"E

RD-CWA-05-02 SEGMENT TABLE			
SEGMENT #	RADIUS	LENGTH	LINE/CHORD DIRECTION
L51		542.50	S87°31'26"W
L56		1084.02	S87°31'27"W
C20	46.00	72.26	S42°31'26"W
L57		3545.56	S02°28'34"E

RD-CWA-05-03 SEGMENT TABLE			
SEGMENT #	RADIUS	LENGTH	LINE/CHORD DIRECTION
L54		3591.55	N02°28'34"W

RD-CWA-06-01 SEGMENT TABLE			
SEGMENT #	RADIUS	LENGTH	LINE/CHORD DIRECTION
L59		725.49	S87°31'26"W
L60		541.44	S87°31'26"W

RD-CWA-06-02 SEGMENT TABLE			
SEGMENT #	RADIUS	LENGTH	LINE/CHORD DIRECTION
L61		3708.02	S02°28'34"E
C21	46.00	72.26	S42°31'26"W
L62		462.39	S87°31'26"W
C22	46.00	72.26	S42°31'26"W
L63		822.51	S02°28'34"E
C23	46.00	52.01	S29°54'58"W

RD-CWA-07-01 SEGMENT TABLE			
SEGMENT #	RADIUS	LENGTH	LINE/CHORD DIRECTION
L68		100.06	N02°27'59"W
L67		88.90	N02°28'34"W
L65		4622.50	N02°28'34"W

RD-CWA-07-02 SEGMENT TABLE			
SEGMENT #	RADIUS	LENGTH	LINE/CHORD DIRECTION
L64		542.60	S87°31'26"W
L71		542.73	S87°31'26"W

RD-CWA-07-03 SEGMENT TABLE			
SEGMENT #	RADIUS	LENGTH	LINE/CHORD DIRECTION
C24	46.00	20.24	S74°54'58"W
L66		529.61	S87°31'43"W

RD-CWA-07-04 SEGMENT TABLE			
SEGMENT #	RADIUS	LENGTH	LINE/CHORD DIRECTION
L69		540.62	S87°31'26"W

RD-CWA-08-01 SEGMENT TABLE			
SEGMENT #	RADIUS	LENGTH	LINE/CHORD DIRECTION
L75		100.00	N02°28'34"W
L73		4803.34	N02°28'34"W

RD-CWA-08-02 SEGMENT TABLE			
SEGMENT #	RADIUS	LENGTH	LINE/CHORD DIRECTION
L72		541.31	S87°31'26"W
L77		538.85	S87°31'26"W

RD-CWA-08-03 SEGMENT TABLE			
SEGMENT #	RADIUS	LENGTH	LINE/CHORD DIRECTION
L70		543.38	S87°31'26"W
L74		533.98	S87°31'26"W

RD-CWA-09-01 SEGMENT TABLE			
SEGMENT #	RADIUS	LENGTH	LINE/CHORD DIRECTION
L78		545.17	S87°31'26"W
C25	46.00	72.26	S42°31'26"W
L79		4803.36	S02°28'34"E
L80		100.16	S02°28'34"E

RD-CWA-09-02 SEGMENT TABLE			
SEGMENT #	RADIUS	LENGTH	LINE/CHORD DIRECTION
L76		550.02	S87°31'26"W

T-RD-CWA-02-01 SEGMENT TABLE			
SEGMENT #	RADIUS	LENGTH	LINE/CHORD DIRECTION
L35		62.75	N02°28'34"W

T-RD-CWA-02-02 SEGMENT TABLE			
SEGMENT #	RADIUS	LENGTH	LINE/CHORD DIRECTION
L37		62.75	N02°28'34"W

ISSUED FOR CONSTRUCTION

NOT SCALE

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA
05/29/2026

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 | CONTRACT: 8110

geronimo power

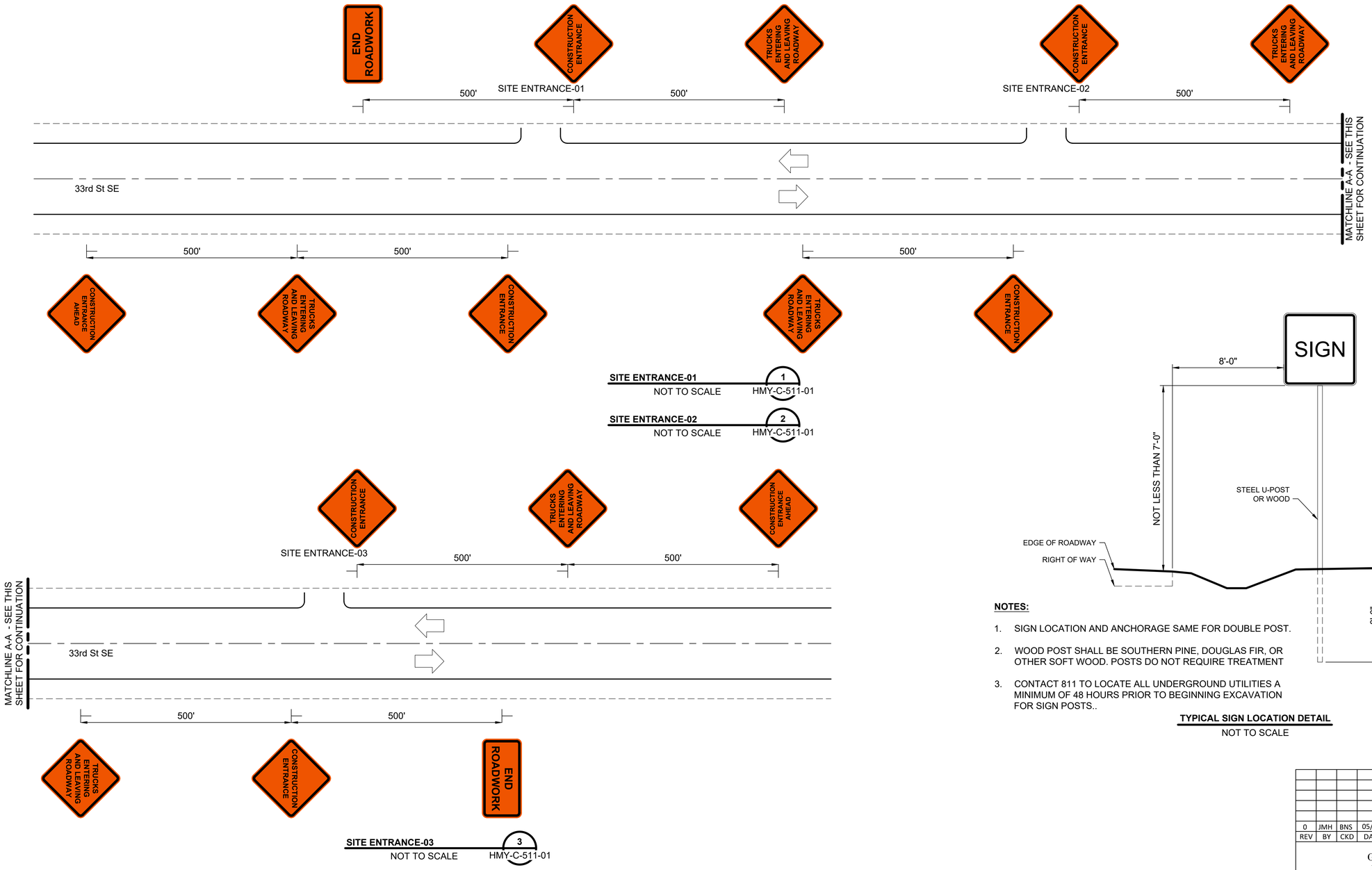
BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Co, Inc.
Firm License No. 016PE

SITE IMPROVEMENTS & GRADING
SEGMENT TABLES

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
LEAD ENG	B. SVOR
ENG MGR	D. REASOR
PROJ MGR	C. GARNER

DRAWING NUMBER: HMY-C-513-02 | REV: 0

MAY 29, 2026 - 11:57am DRAWING NAME: C:\Users\jmhampton\DC\ACCDocs\BMcD ENR\Geronimo-HarmonySolar\Project Files\2_Dgn\Civil\Dwgs\HMY-C-513-02.dwg



SITE ENTRANCE-01 (1) HMY-C-511-01
NOT TO SCALE

SITE ENTRANCE-02 (2) HMY-C-511-01
NOT TO SCALE

SITE ENTRANCE-03 (3) HMY-C-511-01
NOT TO SCALE

NOTES:

1. SIGN LOCATION AND ANCHORAGE SAME FOR DOUBLE POST.
2. WOOD POST SHALL BE SOUTHERN PINE, DOUGLAS FIR, OR OTHER SOFT WOOD. POSTS DO NOT REQUIRE TREATMENT
3. CONTACT 811 TO LOCATE ALL UNDERGROUND UTILITIES A MINIMUM OF 48 HOURS PRIOR TO BEGINNING EXCAVATION FOR SIGN POSTS..

TYPICAL SIGN LOCATION DETAIL
NOT TO SCALE

NOTES:

1. CONSTRUCTION ENTRANCE SIGNS TO BE USED AT CONTRACTOR'S DISCRETION BASED ON CURRENT CONSTRUCTION ACTIVITY.
2. "CONSTRUCTION ENTRANCE AHEAD" AND "TRUCKS ENTERING AND LEAVING HIGHWAY" MAY BE SHIFTED RELATIVE TO THE FIRST CONSTRUCTION ENTRANCE SIGN BEING USED IN THE DIRECTION OF TRAVEL.
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5. DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THE DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE NDDOT STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MOST RECENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

ISSUED FOR CONSTRUCTION

NORTH
NOT TO SCALE

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA
05/29/2026

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 | CONTRACT: 8110

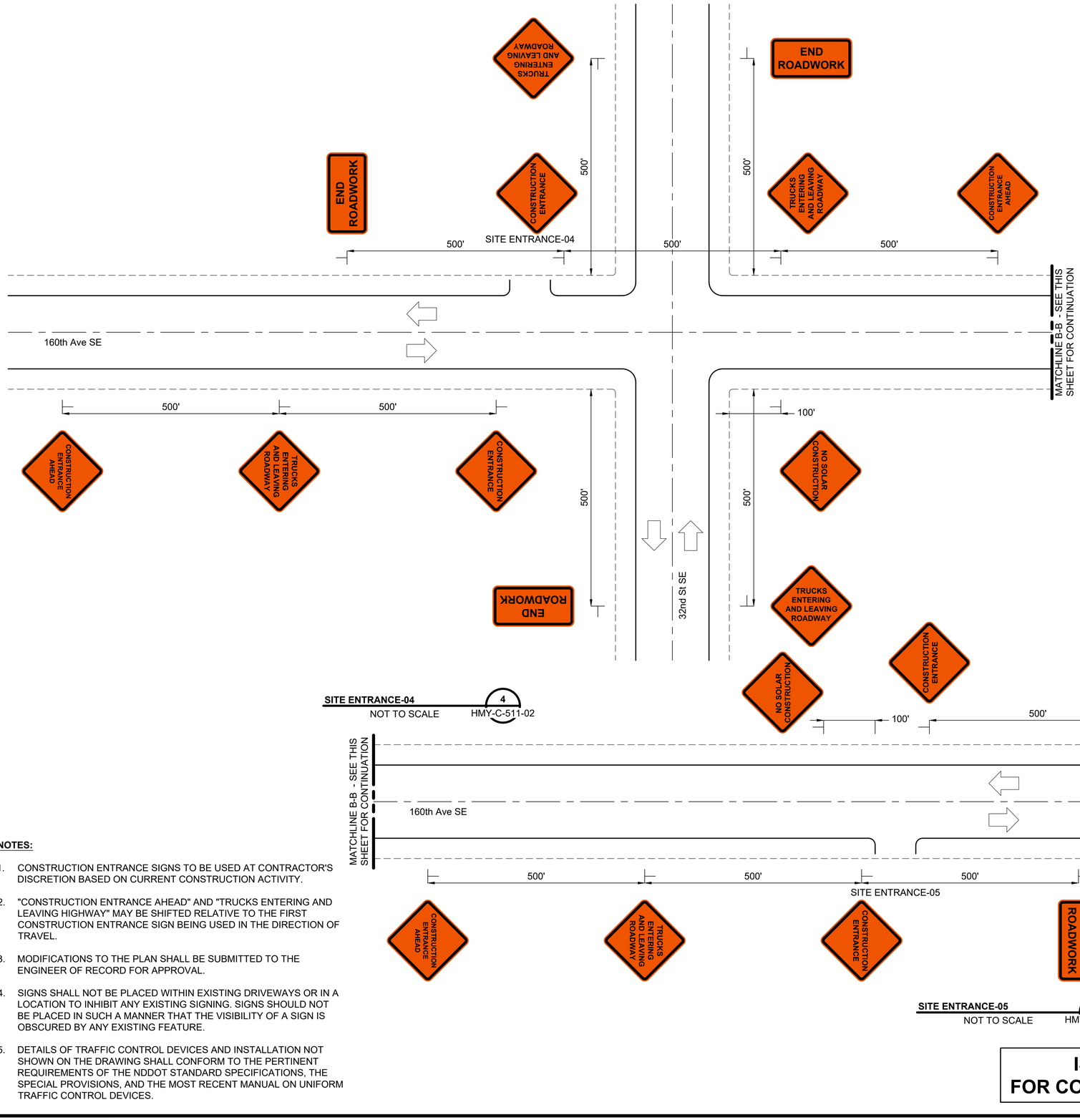
geronimo power

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KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Co, Inc.
Firm License No. 016PE

SITE IMPROVEMENTS & GRADING
SIGNAGE DETAILS 01

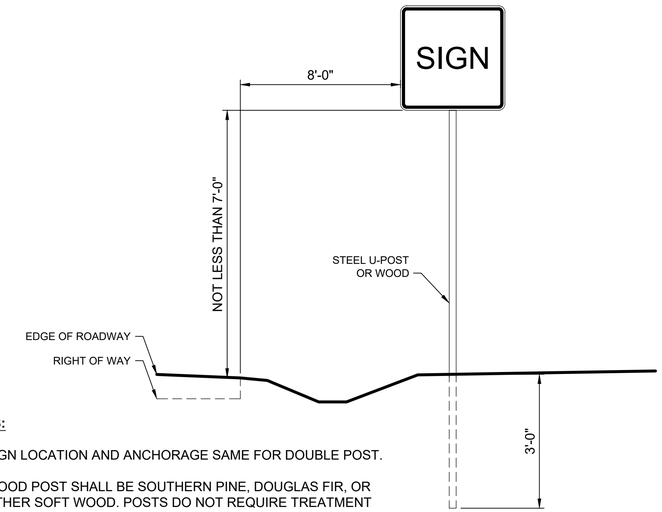
ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER	DRAWING NUMBER	REV
LEAD ENG	B. SVOR	HMY-C-513-03	0
ENG MGR	D. REASOR		
PROJ MGR	C. GARNER		

MAY 29, 2026 - 11:57am DRAWING NAME: C:\Users\jmhampton\DCACCDocs\BMcD ENR\Geronimo-HarmonySolar\Project Files\2_Dsgn\Civil\Dwgs\HMY-C-513-03.dwg



SITE ENTRANCE-04 — NOT TO SCALE — 4 / HMY-C-511-02

SITE ENTRANCE-05 — NOT TO SCALE — 5 / HMY-C-511-02



NOTES:

1. SIGN LOCATION AND ANCHORAGE SAME FOR DOUBLE POST.
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TYPICAL SIGN LOCATION DETAIL
NOT TO SCALE

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ISSUED FOR CONSTRUCTION

NORTH

NOT TO SCALE

REGISTERED PROFESSIONAL ENGINEER — BRETT SVOR PE-42122 — DATE — NORTH DAKOTA

05/29/2026

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

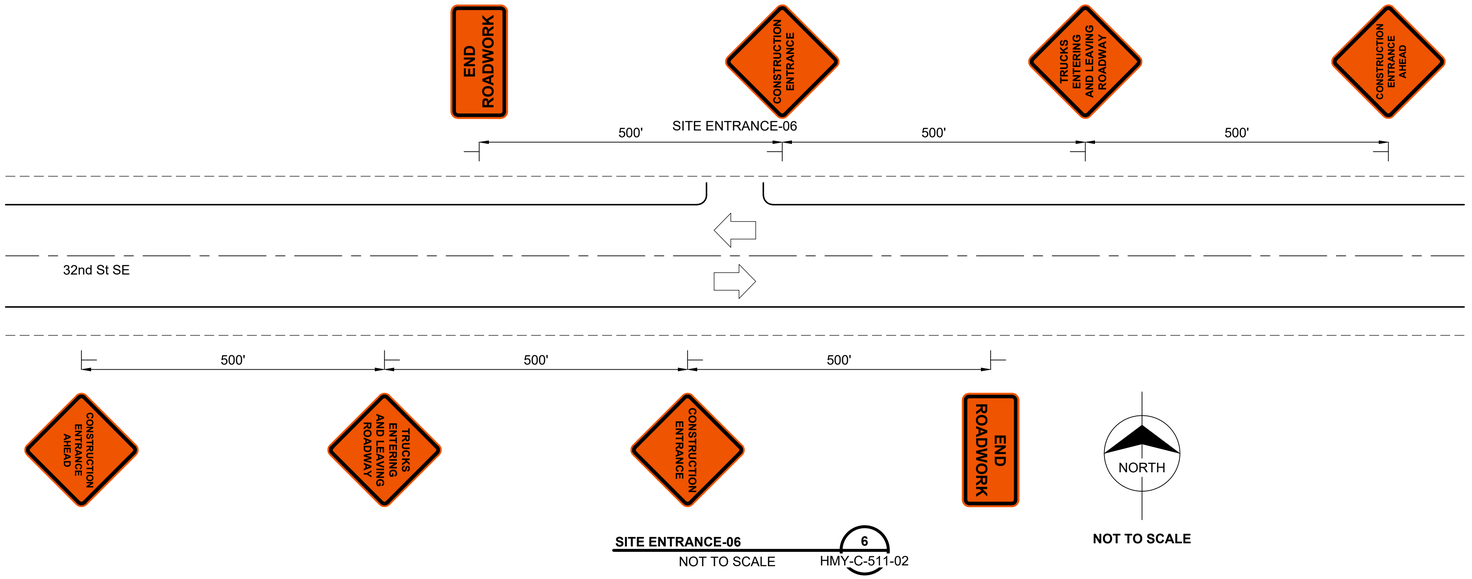
PROJECT: 186521 | CONTRACT: 8110

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9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Co, Inc.
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SITE IMPROVEMENTS & GRADING
SIGNAGE DETAILS 02

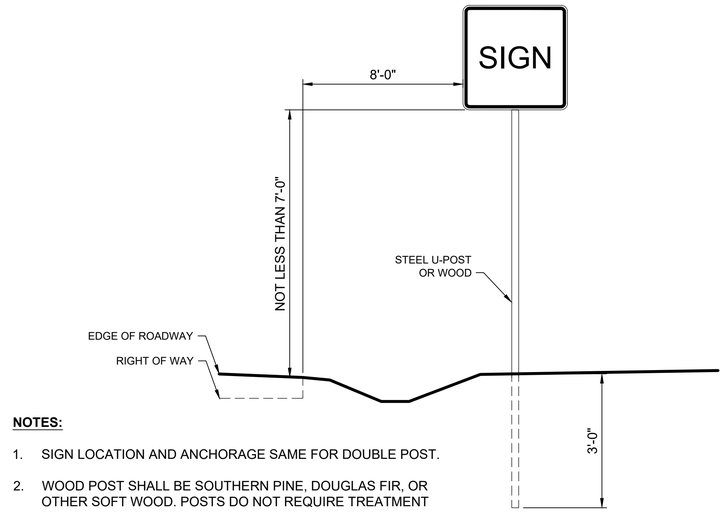
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LEAD ENG	B. SVOR	HMY-C-513-04	0
ENG MGR	D. REASOR		
PROJ MGR	C. GARNER		

MAY 29, 2026 - 11:58am DRAWING NAME: C:\Users\jmhampton\DC\ACCDocs\BMcD ENR\Geronimo-HarmonySolar\Project Files\2_Dsgn\Civil\Dwgs\HMY-C-513-04.dwg



SITE ENTRANCE-06 (6)
NOT TO SCALE — HMY-C-511-02

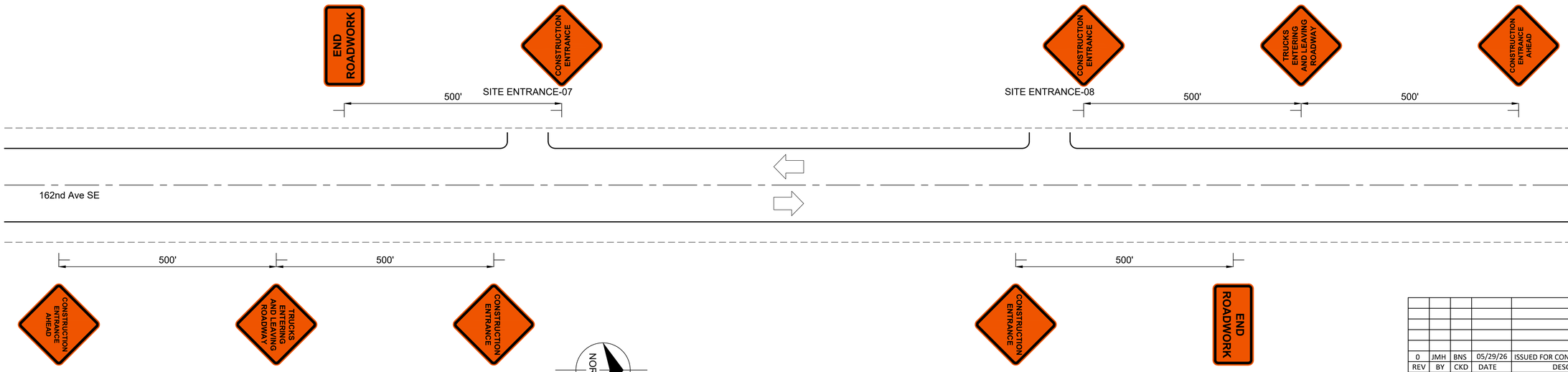
NOT TO SCALE



NOTES:

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TYPICAL SIGN LOCATION DETAIL
NOT TO SCALE



NOTES:

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NOT TO SCALE

SITE ENTRANCE-07 (7)
NOT TO SCALE — HMY-C-511-03

SITE ENTRANCE-08 (8)
NOT TO SCALE — HMY-C-511-03

ISSUED FOR CONSTRUCTION

NOT TO SCALE

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA
05/29/2026

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 | CONTRACT: 8110

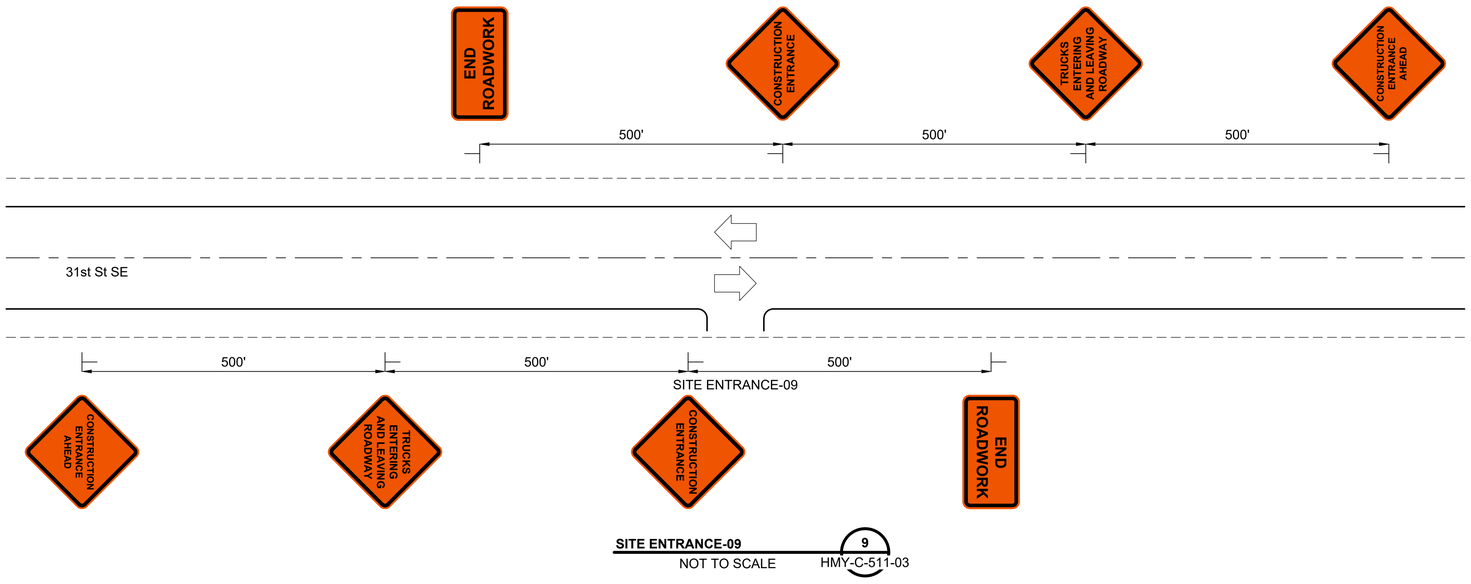
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816-333-9400
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Firm License No. 016PE

SITE IMPROVEMENTS & GRADING
SIGNAGE DETAILS 03

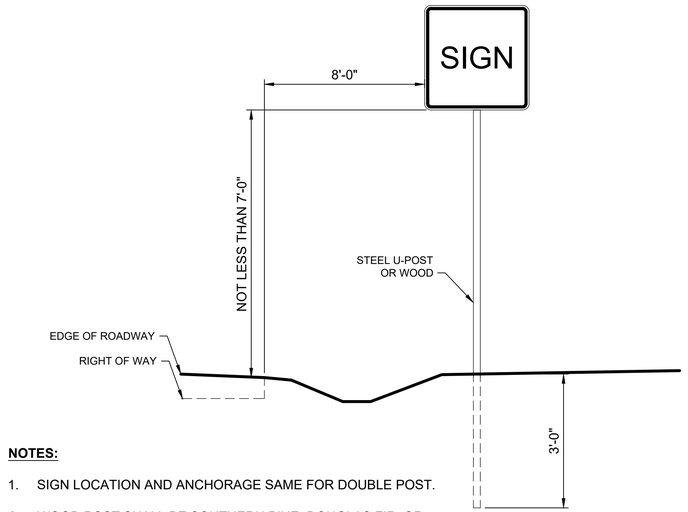
ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
LEAD ENG	B. SVOR
ENG MGR	D. REASOR
PROJ MGR	C. GARNER

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SITE ENTRANCE-09 — 9
NOT TO SCALE — HMY-C-511-03



NOTES:

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TYPICAL SIGN LOCATION DETAIL
NOT TO SCALE

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ISSUED FOR CONSTRUCTION

NORTH
NOT TO SCALE

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA
05/29/2026

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 | CONTRACT: 8110

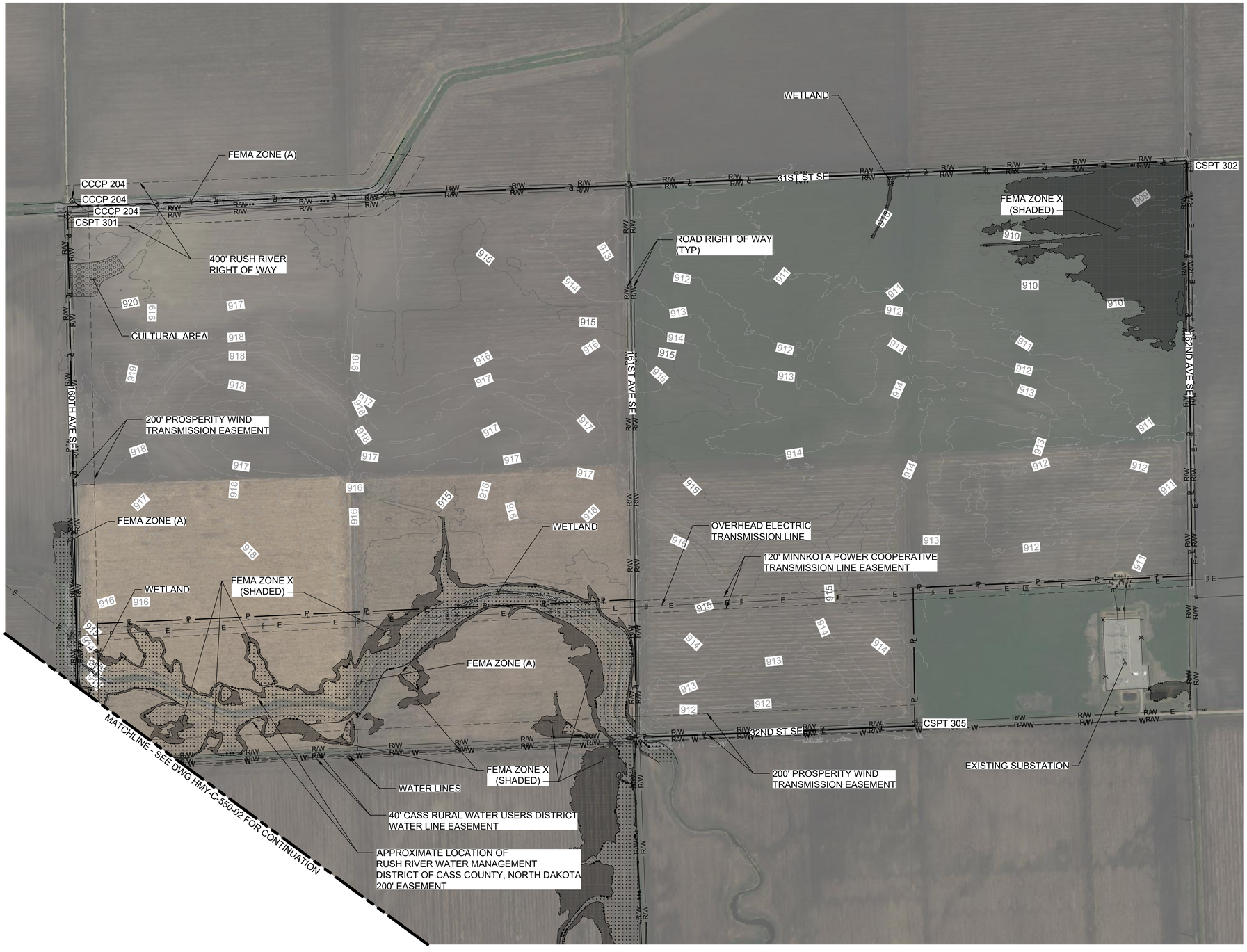
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KANSAS CITY, MO 64114
816-333-9400
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SITE IMPROVEMENTS & GRADING
SIGNAGE DETAILS 04

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
LEAD ENG	B. SVOR
ENG MGR	D. REASOR
PROJ MGR	C. GARNER

DRAWING NUMBER: HMY-C-513-06 | REV: 0

MAY 29, 2026 - 11:58am DRAWING NAME: C:\Users\jmhampton\DC\ACCDocs\BMcD ENR\Geronimo-HarmonySolar\Project Files\2_Dsgn\Civil\Dwgs\HMY-C-513-06.dwg

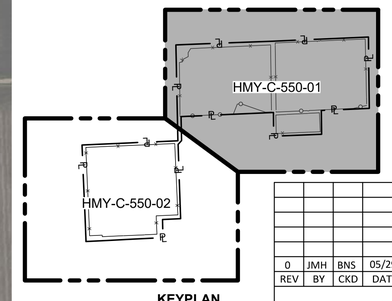


EXISTING CONDITIONS & SURVEY CONTROL NOTES:

1. ALL TOPOGRAPHY SHALL USE: NATIONAL SPATIAL REFERENCE SYSTEM (NSRS) 2011 NORTH DAKOTA SOUTH, VERTICAL DATUM IS NAD83.
2. THIS PROJECT LIES WITHIN THE FOLLOWING ZONES:
   ZONE A, INDICATED ON DRAWINGS:
   WITHOUT BASE FLOOD ELEVATION
   ZONE X (SHADED), INDICATED ON DRAWINGS:
   AREAS OF 0.2% ANNUAL CHANCE FLOOD HAZARD, AREAS OF 1% ANNUAL CHANCE FLOOD WITH AVERAGE DEPTH LESS THAN ONE FOOT OR WITH DRAINAGE AREAS OF LESS THAN ONE SQUARE MILE.
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SURVEY CONTROL POINT TABLE

POINT ID	NORTHING	EASTING	ELEVATION	DESCRIPTION
CCCP-1	486411.60	2825365.00	910.87	CCCP
CCCP-2	486411.70	2825365.00	910.91	CCCP
203-RTK	486411.60	2825365.00	911.00	CCCP 203 RTK
203-4	486411.70	2825365.00	910.98	CCCP 203
203-3	486411.70	2825365.00	911.04	CCCP 203
203-2	486411.60	2825365.00	910.99	CCCP 203
203	486411.70	2825635.00	910.94	CCCP 203
203-1	486411.70	2825365.00	910.88	CCCP 203
204-3	491246.10	2813380.00	921.16	CCCP 204
204-2	491246.20	2813380.00	921.15	CCCP 204
204-1	491246.10	2813380.00	921.21	CCCP 204
205	480371.90	2808400.00	922.30	CCCP 205
301	491109.85	2813354.37	922.14	CSPT 301
302	491580.93	2823951.69	911.27	CSPT 302
303	485655.55	2808178.55	827.44	CSPT 303
304	485914.80	2813425.10	918.38	CSPT 304
305	486287.28	2821374.83	915.57	CSPT 305
306	480385.10	2808389.07	922.18	CSPT 306-1



KEYPLAN
NTS

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 | CONTRACT: 8110

BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Co, Inc.
Firm License No. 016PE

EXISTING CONDITIONS & SURVEY CONTROL
ENLARGED PLAN 01

ISSUED FOR CONSTRUCTION

NORTH

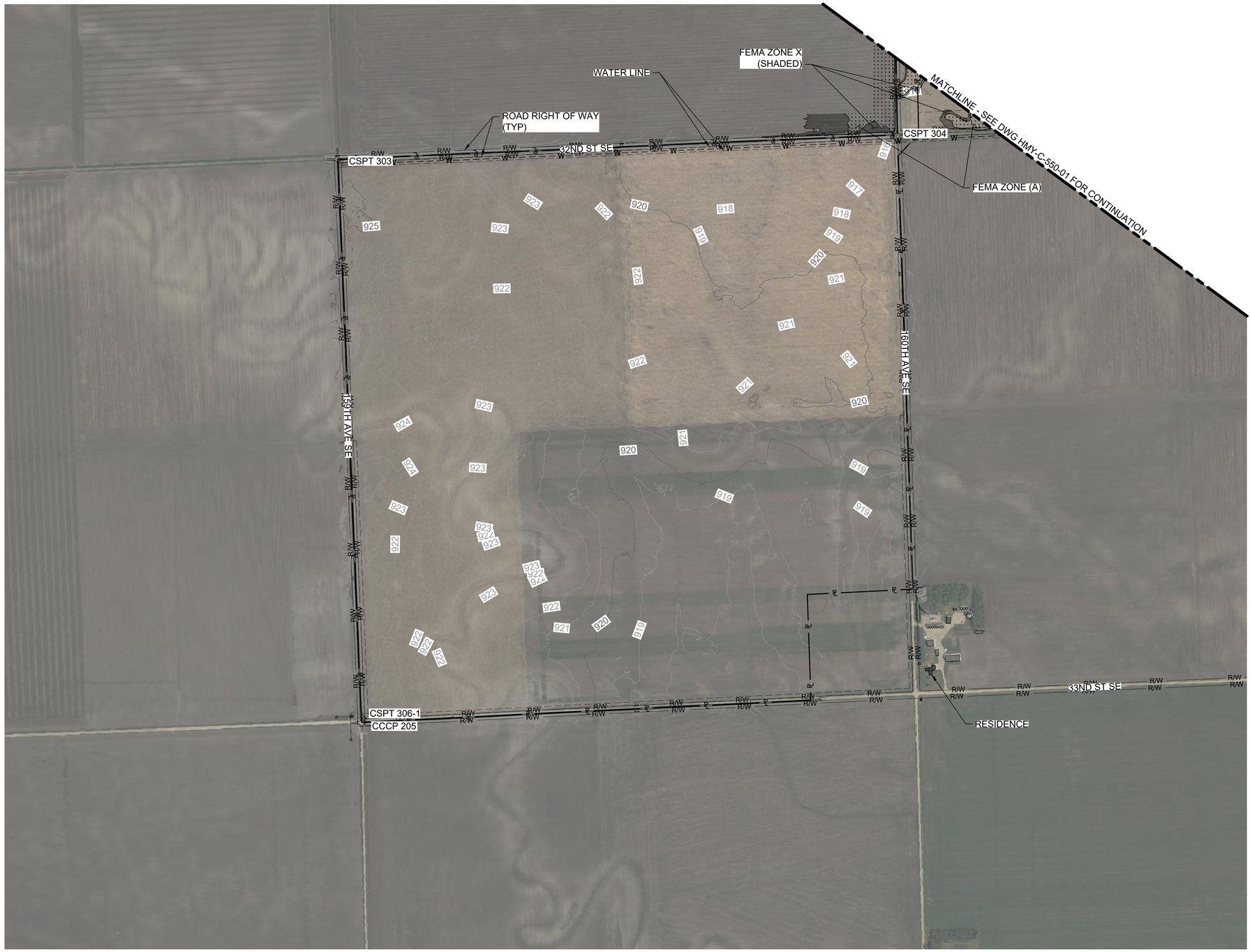
0 500' 1000'
SCALE IN FEET

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA
05/29/2026

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
LEAD ENG	B. SVOR
ENG MGR	D. REASOR
PROJ MGR	C. GARNER

DRAWING NUMBER	REV
HMY-C-550-01	0

MAY 29, 2026 - 11:43am DRAWING NAME: C:\Users\jmhampton\DC\ACCDocs\BMcD ENR\Geronimo-HarmonySolar\Project Files\2_Dgn\Civil\Dwgs\HMY-C-550-01.dwg

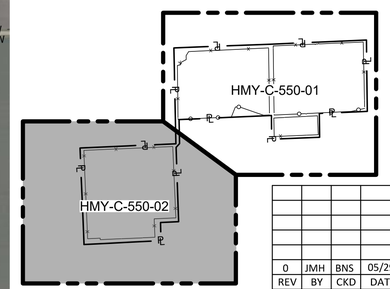


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203-2	486411.60	2825365.00	910.99	CCCP 203
203	486411.70	2825635.00	910.94	CCCP 203
203-1	486411.70	2825365.00	910.88	CCCP 203
204-3	491246.10	2813380.00	921.16	CCCP 204
204-2	491246.20	2813380.00	921.15	CCCP 204
204-1	491246.10	2813380.00	921.21	CCCP 204
205	480371.90	2808400.00	922.30	CCCP 205
301	491109.85	2813354.37	922.14	CSPT 301
302	491580.93	2823951.69	911.27	CSPT 302
303	485655.55	2808178.55	827.44	CSPT 303
304	485914.80	2813425.10	918.38	CSPT 304
305	486287.28	2821374.83	915.57	CSPT 305
306	480385.10	2808389.07	922.18	CSPT 306-1



KEYPLAN
NTS

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 | CONTRACT: 8110

BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Co, Inc.
Firm License No. 016PE

EXISTING CONDITIONS & SURVEY CONTROL
ENLARGED PLAN 02

ISSUED FOR CONSTRUCTION

NORTH

0 500' 1000'
SCALE IN FEET

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA
05/29/2026

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
LEAD ENG	B. SVOR
ENG MGR	D. REASOR
PROJ MGR	C. GARNER

DRAWING NUMBER: HMY-C-550-02 | REV: 0

MAY 29, 2026 - 11:44am DRAWING NAME: C:\Users\jmhampton\DC\ACCDocs\BMcD ENR\Geronimo-Harmony5olar\Project Files\2_Dsgn\Civil\Dwgs\HMY-C-550-02.dwg

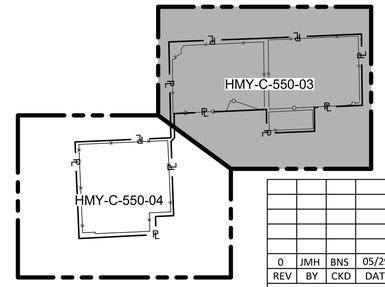


GENERAL NOTES:

1. ADDITIONAL STRUCTURES TO BE DEMOLISHED MAY BE COORDINATED WITH CONTRACTOR.
2. EXISTING SITE ROADS WITHIN LIMITS OF DISTURBANCE AND NOT INDICATED TO REMAIN SHALL BE REMOVED AND SEEDED BY END OF PROJECT, UNLESS OTHERWISE COORDINATED BY CONTRACTOR.
3. TOPSOIL SHALL BE STRIPPED AND STOCKPILED TO A DEPTH AS DETERMINED BY THE GEOTECHNICAL REPORT AS TO FACILITATE CONSTRUCTION OF SITE FEATURES (E.G., ACCESS ROADS, INVERTER PADS, STRUCTURAL FILLS, ETC.)
4. AREAS SUBJECT TO EARTH-DISTURBING ACTIVITIES SHALL BE SEEDED PER SPECIFICATIONS.

LEGEND:

- AREAS WITHIN LOD ASSUMED TO BE SEEDED BY OWNER WITH TEMPORARY SEED MIX IN FALL 2025. AREAS WITHIN LOD WILL BE SEEDED BY CONTRACTOR WITH PERMANENT SEED MIX IN SPRING 2026.
- LIMITS OF DISTURBANCE FOR CONTRACT 8110
- LIMITS OF DISTURBANCE FOR CONTRACT 8410 (FOR REFERENCE ONLY)
- JURISDICTIONAL WETLANDS
- NON-JURISDICTIONAL WETLANDS



KEYPLAN
NTS

ISSUED FOR CONSTRUCTION

NORTH

0 500' 1000'
SCALE IN FEET

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA
05/29/2026

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 | CONTRACT: 8110

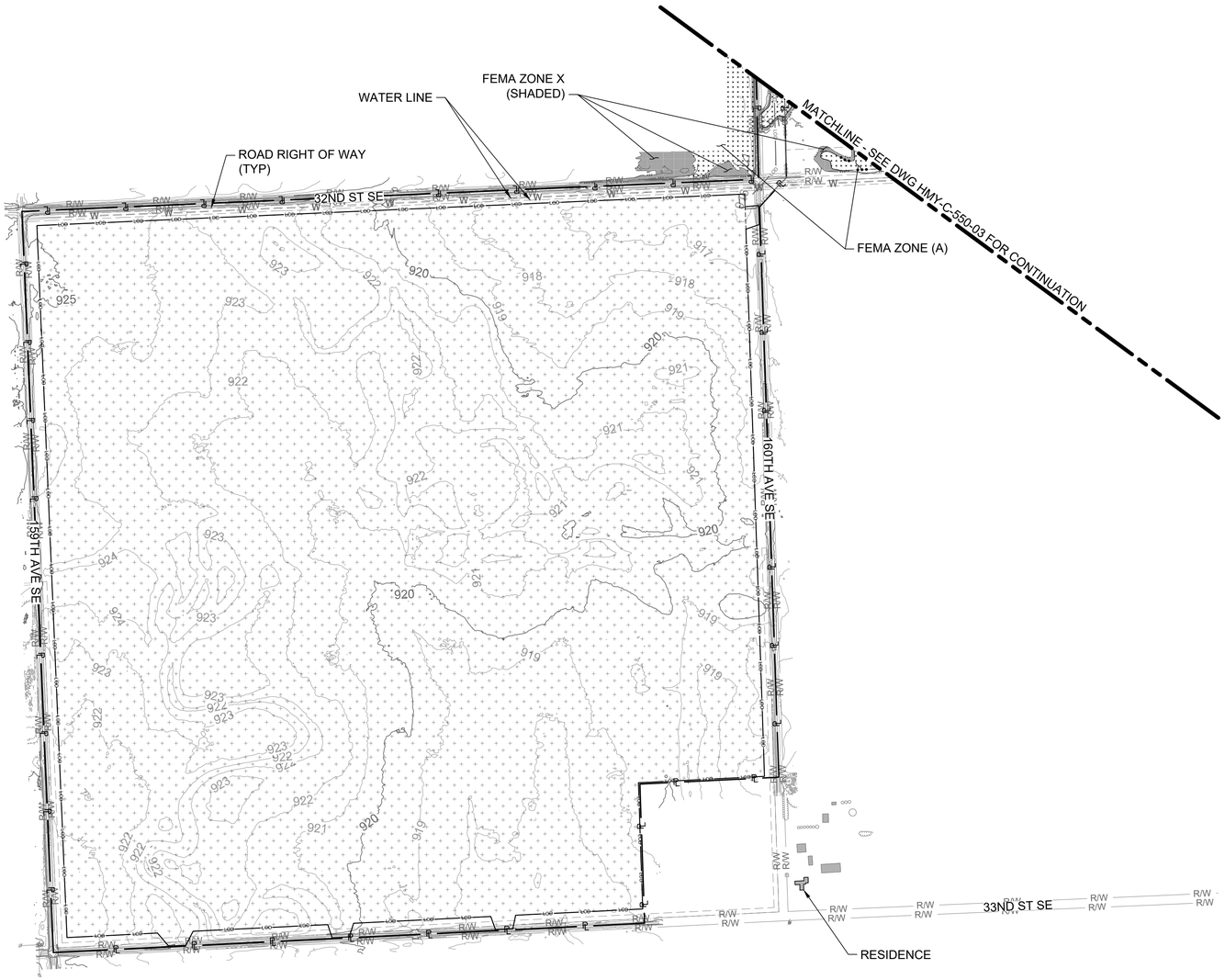
BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Co, Inc.
Firm License No. 016PE

DEMOLITION & CLEARING
ENLARGED PLAN 01

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
LEAD ENG	B. SVOR
ENG MGR	D. REASOR
PROJ MGR	C. GARNER

DRAWING NUMBER: HMY-C-550-03 | REV: 0

MAY 29, 2026 - 11:44am DRAWING NAME: C:\Users\jmhampton\DC\ACCDocs\BMcD ENR\Geronimo-HarmonySolar\Project Files\2_Dsgn\Civil\Dwgs\HMY-C-550-03.dwg



GENERAL NOTES:

1. ADDITIONAL STRUCTURES TO BE DEMOLISHED MAY BE COORDINATED WITH CONTRACTOR.
2. EXISTING SITE ROADS WITHIN LIMITS OF DISTURBANCE AND NOT INDICATED TO REMAIN SHALL BE REMOVED AND SEEDED BY END OF PROJECT, UNLESS OTHERWISE COORDINATED BY CONTRACTOR.
3. TOPSOIL SHALL BE STRIPPED AND STOCKPILED TO A DEPTH AS DETERMINED BY THE GEOTECHNICAL REPORT AS TO FACILITATE CONSTRUCTION OF SITE FEATURES (E.G., ACCESS ROADS, INVERTER PADS, STRUCTURAL FILLS, ETC.)
4. AREAS SUBJECT TO EARTH-DISTURBING ACTIVITIES SHALL BE SEEDED PER SPECIFICATIONS.

LEGEND:

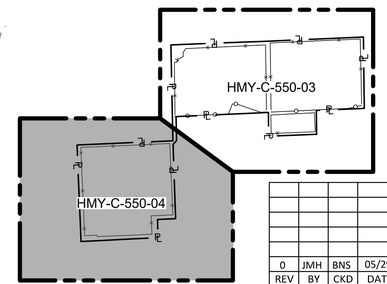
AREAS WITHIN LOD ASSUMED TO BE SEEDED BY OWNER WITH TEMPORARY SEED MIX IN FALL 2025. AREAS WITHIN LOD WILL BE SEEDED BY CONTRACTOR WITH PERMANENT SEED MIX IN SPRING 2026.

LIMITS OF DISTURBANCE FOR CONTRACT 8110

LIMITS OF DISTURBANCE FOR CONTRACT 8410 (FOR REFERENCE ONLY)

JURISDICTIONAL WETLANDS

NON-JURISDICTIONAL WETLANDS



KEYPLAN
NTS

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 | CONTRACT: 8110

BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Co, Inc.
Firm License No. 016PE

DEMOLITION & CLEARING
ENLARGED PLAN 02

ISSUED FOR CONSTRUCTION

NORTH

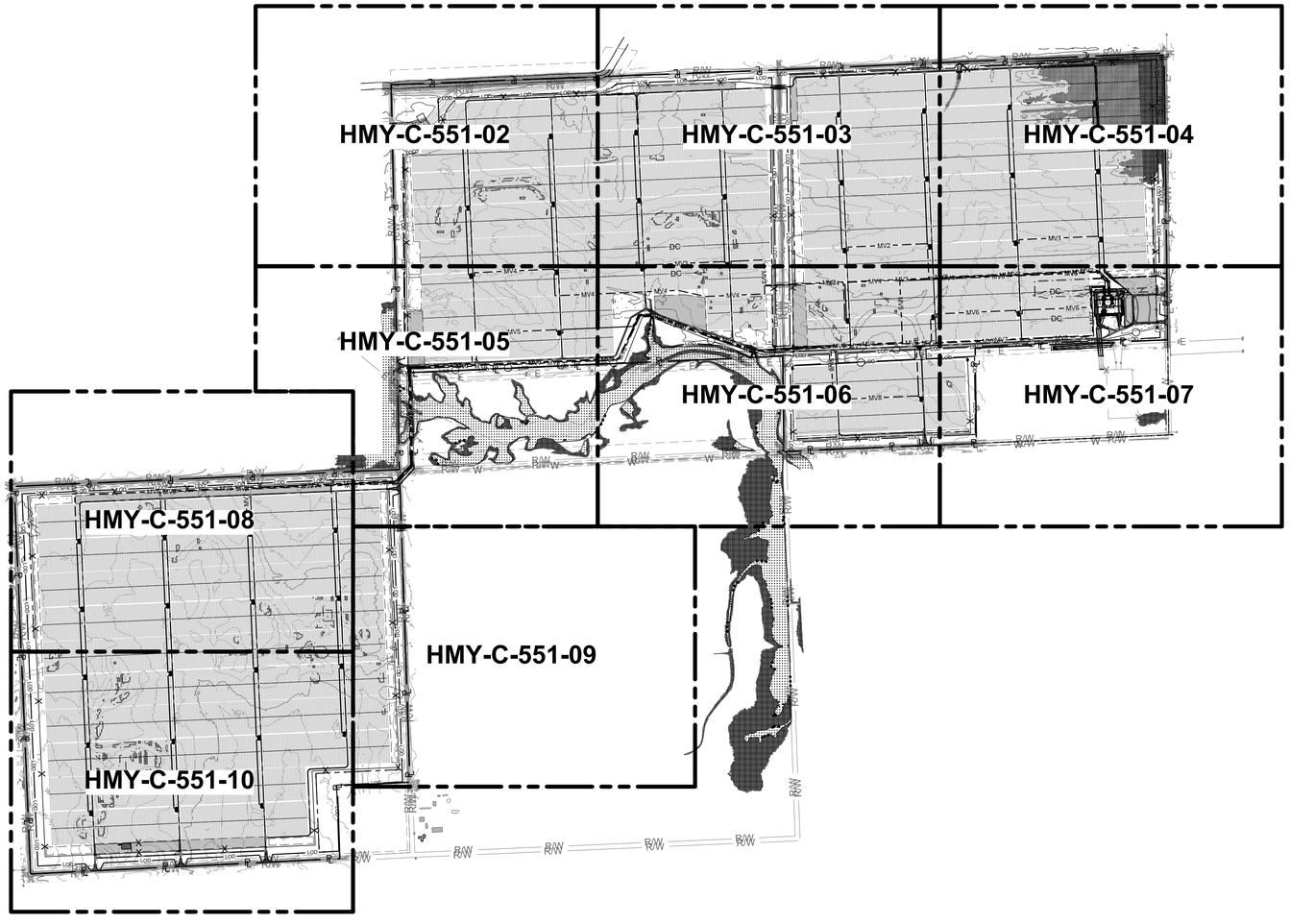
0 500' 1000'
SCALE IN FEET

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA
05/29/2026

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
LEAD ENG	B. SVOR
ENG MGR	D. REASOR
PROJ MGR	C. GARNER

DRAWING NUMBER	REV
HMY-C-550-04	0

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ISSUED FOR CONSTRUCTION

NORTH

0 1000' 2000'

SCALE IN FEET

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA

05/29/2026

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 | CONTRACT: 8110

geronimo power

BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Co, Inc.
Firm License No. 016PE

SITE IMPROVEMENTS & GRADING
KEY PLAN

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
LEAD ENG	B. SVOR
ENG MGR	D. REASOR
PROJ MGR	C. GARNER

DRAWING NUMBER	REV
HMY-C-551-01	0

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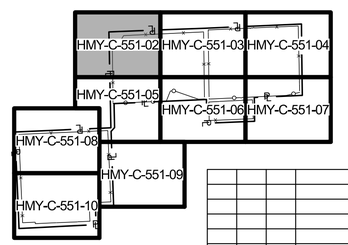


KEY NOTES (WHERE APPLICABLE):

1. 12-FT ACCESS ROAD (TYPE 1) - DRAWING HMY-C-512-01 DETAIL 1, DETAIL 3.
2. 12-FT ACCESS ROAD (TYPE 2) - DRAWING HMY-C-512-01 DETAIL 1, DETAIL 4.
3. 12-FT ACCESS ROAD (TYPE 3) - DRAWING HMY-C-512-01 DETAIL 1, DETAIL 5.
4. 20-FT ACCESS ROAD - DRAWING HMY-C-512-01 DETAIL 2 AND TYPE PER PLAN.
5. TEMPORARY LAYDOWN SURFACING - DRAWING HMY-C-512-01 DETAIL 6.
6. PERMANENT ENTRANCE TYPE 1 - DRAWING HMY-C-512-02 DETAIL 1.
7. PERMANENT ENTRANCE TYPE 2 - DRAWING HMY-C-512-02 DETAIL 2.
8. TEMPORARY ACCESS ROAD - DRAWING HMY-C-512-01 DETAIL 6.
9. TYPICAL PERIMETER FENCE - DRAWING HMY-C-556-01 DETAIL 1.
10. 24' SWING GATE - DRAWING HMY-C-556-02 DETAIL 1.
11. FENCE DITCH CROSSING - DRAWING HMY-C-556-02 DETAIL 2.
12. TYPICAL FENCE ISOLATION PANEL - DRAWING HMY-C-556-01 DETAIL 2.
13. MVAC CABLE ROUTING CONFLICT WITH FENCING INSTALL, SEE NOTE 4.
14. TYPICAL INVERTER PAD - DRAWING HMY-C-501-01 DETAIL 1.
15. CULVERT - DRAWING HMY-C-556-03 DETAILS.
16. TEMPORARY ENTRANCE - DRAWING HMY-C-512-02 DETAIL 3.
17. ROAD REPAIR, PERMANENT ACCESS ROAD SURFACING - TYPE 2 - HMY-C-512-01 DETAIL 4.
18. LOW WATER CROSSING - DRAWING HMY-C-512-03. FIELD TO CONFIRM LOW POINT.
19. PERMANENT TOPSOIL BERM - DRAWING HMY-C-556-06 DETAIL 2.

GENERAL NOTES:

1. GRADING WITHIN SOLAR ARRAYS WILL BE DESIGNED TO MEET TRACKER TOLERANCES. THE EXISTING SITE DRAINAGE PATTERNS AND SITE RUNOFF WILL BE MAINTAINED TO EXTENT PRACTICAL. REFER TO HMY-C-512-04 FOR COMPACTION REQUIREMENTS.
2. ADDITIONAL TEMPORARY LAYDOWN AREAS MAY BE LOCATED THROUGHOUT THE SITE. NO LAYDOWNS WILL BE LOCATED OUTSIDE THE PROJECT FENCE.
3. SEED AREAS WITHIN SOLAR ARRAYS AS INDICATED IN SEEDING PLAN OR AS NEEDED TO STABILIZE DISTURBED AREAS WITH LOW GROWING SEEDING MIX.
4. DO NOT PROCEED WITH FENCE POST INSTALL AT AREAS WHERE MVAC CABLE CROSSES THE FENCE ROUTING UNTIL MVAC CABLE IS LOCATED AND/OR VISUAL IDENTIFICATION OF MVAC CABLE HAS BEEN PROVIDED. BEFORE PROCEEDING, PROVIDE CONFIRMATION TO THE CONTRACTOR THAT THESE AREAS HAVE BEEN EVALUATED, AND LOCATED, AND THE POSTS WILL NOT CONFLICT WITH MVAC CABLE. NOTIFY THE CONTRACTOR AS SOON AS POSSIBLE IF THERE ARE ANY CONFLICTS THAT CANNOT BE AVOIDED.
5. SNOW FENCE TO BE INSTALLED SURROUNDING INDICATED FEATURE WITH A 15-FT OFFSET. SNOW FENCE SHALL NOT BE INSTALLED OUTSIDE OF PROPERTY LINE.
6. TEMPORARY ROAD, LAYDOWN, AND STABILIZED CONSTRUCTION ENTRANCE AGGREGATE AND ASSOCIATED MATERIAL SHALL BE REMOVED AT THE END OF THE PROJECT. THESE AREAS SHALL BE RECLAIMED AND SEEDED AS INDICATED IN THE SEEDING PLAN.
7. STOCKPILE LOCATIONS INDICATED ARE SUGGESTIONS AND MAY BE USED AS STAGING AREAS IF NOT NEEDED FOR STOCKPILE PURPOSES.
8. SEE PAGE HMY-C-513-02 FOR LINE & CURVE TABLES.



KEYPLAN
NTS

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 | CONTRACT: 8110

BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Co, Inc.
Firm License No. 016PE

SITE IMPROVEMENTS & GRADING
ENLARGED PLAN 01

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
LEAD ENG	B. SVOR
ENG MGR	D. REASOR
PROJ MGR	C. GARNER

DRAWING NUMBER: HMY-C-551-02 | REV: 0

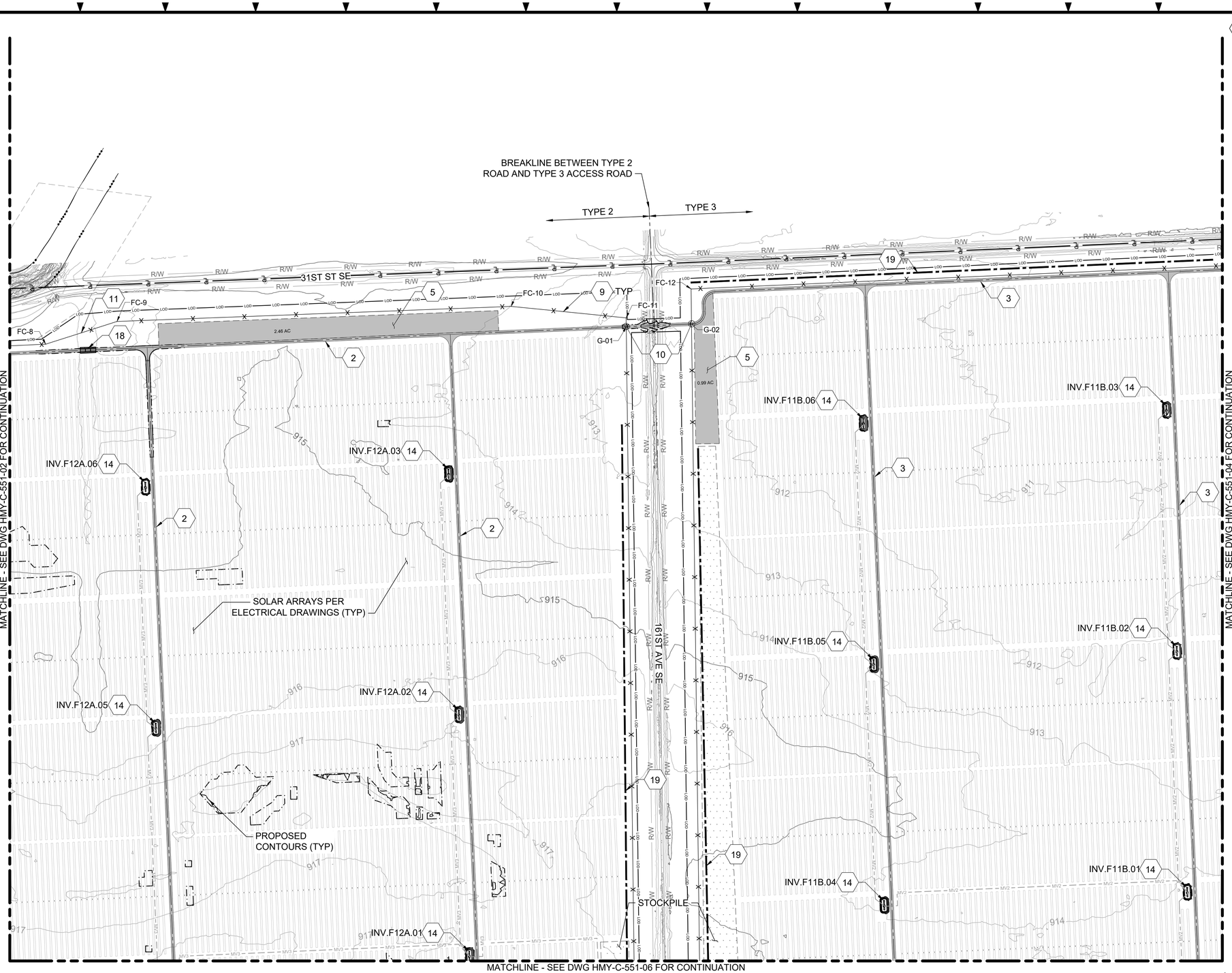
ISSUED FOR CONSTRUCTION

NORTH

0 200' 400'
SCALE IN FEET

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA
05/29/2026

MAY 29, 2026 - 11:46am DRAWING NAME: C:\Users\jmhampton\DC\ACCDocs\BMcD ENR\Geronimo-HarmonySolar\Project Files\2_Dsgn\Civil\Dwgs\HMY-C-551-02.dwg

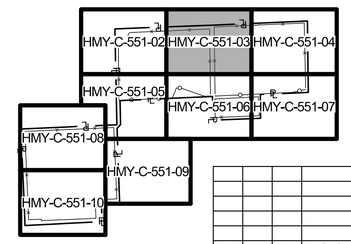


KEY NOTES (WHERE APPLICABLE):

1. 12-FT ACCESS ROAD (TYPE 1) - DRAWING HMY-C-512-01 DETAIL 1, DETAIL 3.
2. 12-FT ACCESS ROAD (TYPE 2) - DRAWING HMY-C-512-01 DETAIL 1, DETAIL 4.
3. 12-FT ACCESS ROAD (TYPE 3) - DRAWING HMY-C-512-01 DETAIL 1, DETAIL 5.
4. 20-FT ACCESS ROAD - DRAWING HMY-C-512-01 DETAIL 2 AND TYPE PER PLAN.
5. TEMPORARY LAYDOWN SURFACING - DRAWING HMY-C-512-01 DETAIL 6.
6. PERMANENT ENTRANCE TYPE 1 - DRAWING HMY-C-512-02 DETAIL 1.
7. PERMANENT ENTRANCE TYPE 2 - DRAWING HMY-C-512-02 DETAIL 2.
8. TEMPORARY ACCESS ROAD - DRAWING HMY-C-512-01 DETAIL 6.
9. TYPICAL PERIMETER FENCE - DRAWING HMY-C-556-01 DETAIL 1.
10. 24' SWING GATE - DRAWING HMY-C-556-02 DETAIL 1.
11. FENCE DITCH CROSSING - DRAWING HMY-C-556-02 DETAIL 2.
12. TYPICAL FENCE ISOLATION PANEL - DRAWING HMY-C-556-01 DETAIL 2.
13. MVAC CABLE ROUTING CONFLICT WITH FENCING INSTALL, SEE NOTE 4.
14. TYPICAL INVERTER PAD - DRAWING HMY-C-501-01 DETAIL 1.
15. CULVERT - DRAWING HMY-C-556-03 DETAILS.
16. TEMPORARY ENTRANCE - DRAWING HMY-C-512-02 DETAIL 3.
17. ROAD REPAIR, PERMANENT ACCESS ROAD SURFACING - TYPE 2 - HMY-C-512-01 DETAIL 4.
18. LOW WATER CROSSING - DRAWING HMY-C-512-03. FIELD TO CONFIRM LOW POINT.
19. PERMANENT TOPSOIL BERM - DRAWING HMY-C-556-06 DETAIL 2.

GENERAL NOTES:

1. GRADING WITHIN SOLAR ARRAYS WILL BE DESIGNED TO MEET TRACKER TOLERANCES. THE EXISTING SITE DRAINAGE PATTERNS AND SITE RUNOFF WILL BE MAINTAINED TO EXTENT PRACTICAL. REFER TO HMY-C-512-04 FOR COMPACTION REQUIREMENTS.
2. ADDITIONAL TEMPORARY LAYDOWN AREAS MAY BE LOCATED THROUGHOUT THE SITE. NO LAYDOWNS WILL BE LOCATED OUTSIDE THE PROJECT FENCE.
3. SEED AREAS WITHIN SOLAR ARRAYS AS INDICATED IN SEEDING PLAN OR AS NEEDED TO STABILIZE DISTURBED AREAS WITH LOW GROWING SEEDING MIX.
4. DO NOT PROCEED WITH FENCE POST INSTALL AT AREAS WHERE MVAC CABLE CROSSES THE FENCE ROUTING UNTIL MVAC CABLE IS LOCATED AND/OR VISUAL IDENTIFICATION OF MVAC CABLE HAS BEEN PROVIDED. BEFORE PROCEEDING, PROVIDE CONFIRMATION TO THE CONTRACTOR THAT THESE AREAS HAVE BEEN EVALUATED, AND LOCATED, AND THE POSTS WILL NOT CONFLICT WITH MVAC CABLE. NOTIFY THE CONTRACTOR AS SOON AS POSSIBLE IF THERE ARE ANY CONFLICTS THAT CANNOT BE AVOIDED.
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6. TEMPORARY ROAD, LAYDOWN, AND STABILIZED CONSTRUCTION ENTRANCE AGGREGATE AND ASSOCIATED MATERIAL SHALL BE REMOVED AT THE END OF THE PROJECT. THESE AREAS SHALL BE RECLAIMED AND SEEDED AS INDICATED IN THE SEEDING PLAN.
7. STOCKPILE LOCATIONS INDICATED ARE SUGGESTIONS AND MAY BE USED AS STAGING AREAS IF NOT NEEDED FOR STOCKPILE PURPOSES.
8. SEE PAGE HMY-C-513-02 FOR LINE & CURVE TABLES.



KEYPLAN
NTS

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 | CONTRACT: 8110

BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Co, Inc.
Firm License No. 016PE

SITE IMPROVEMENTS & GRADING
ENLARGED PLAN 02

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
LEAD ENG	B. SVOR
ENG MGR	D. REASOR
PROJ MGR	C. GARNER

DRAWING NUMBER: HMY-C-551-03 | REV: 0

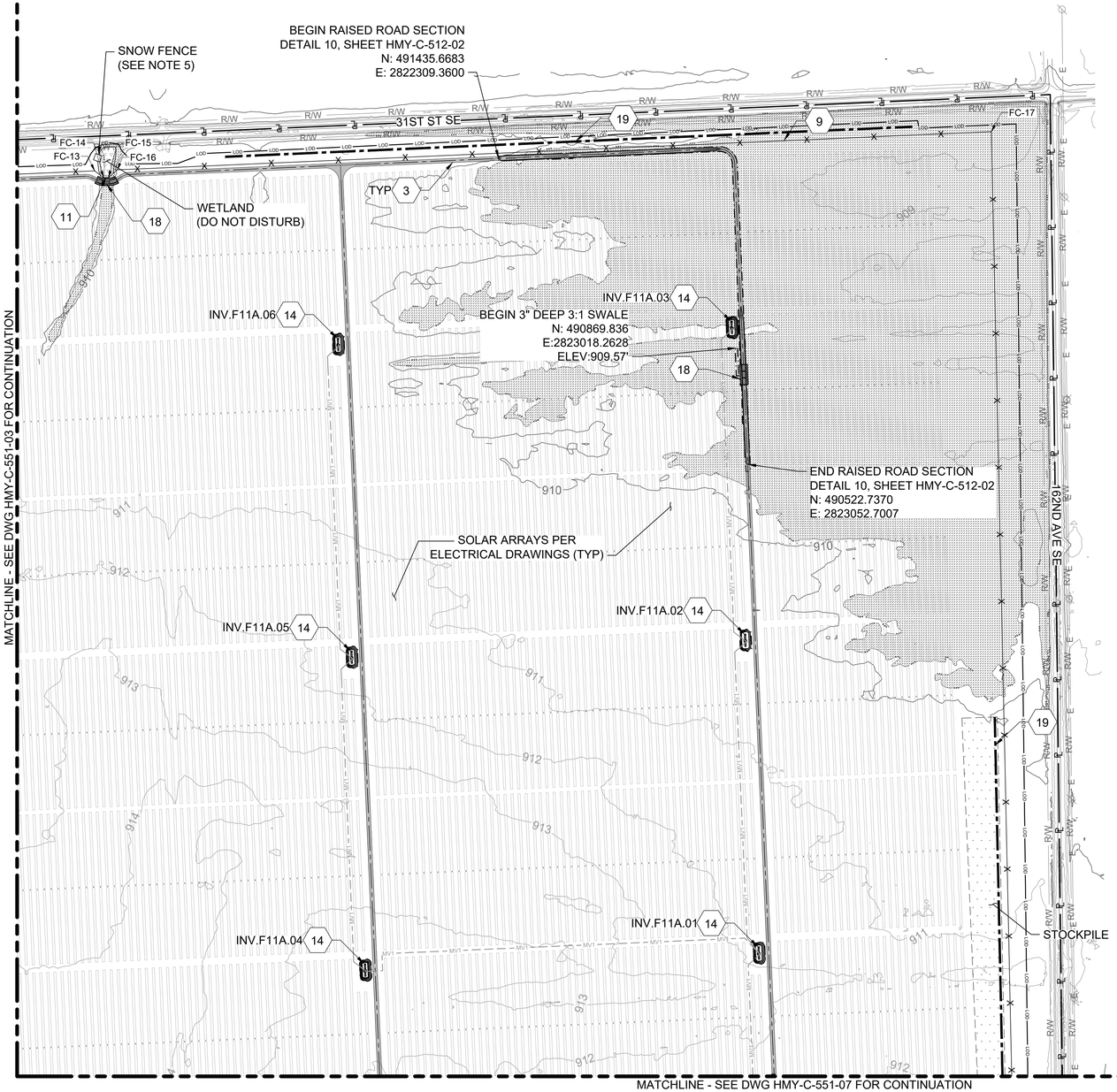
ISSUED FOR CONSTRUCTION

NORTH

0 200' 400'
SCALE IN FEET

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA
05/29/2026

MAY 29, 2026 - 11:47am DRAWING NAME: C:\Users\jmharmpton\DC\ACCDocs\BMcD ENR\Geronimo-HarmonySolar\Project Files\2_Dsgn\Civil\Dwgs\HMY-C-551-03.dwg

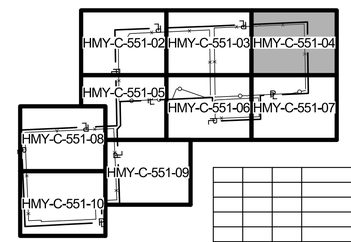


KEY NOTES (WHERE APPLICABLE):

1. 12-FT ACCESS ROAD (TYPE 1) - DRAWING HMY-C-512-01 DETAIL 1, DETAIL 3.
2. 12-FT ACCESS ROAD (TYPE 2) - DRAWING HMY-C-512-01 DETAIL 1, DETAIL 4.
3. 12-FT ACCESS ROAD (TYPE 3) - DRAWING HMY-C-512-01 DETAIL 1, DETAIL 5.
4. 20-FT ACCESS ROAD - DRAWING HMY-C-512-01 DETAIL 2 AND TYPE PER PLAN.
5. TEMPORARY LAYDOWN SURFACING - DRAWING HMY-C-512-01 DETAIL 6.
6. PERMANENT ENTRANCE TYPE 1 - DRAWING HMY-C-512-02 DETAIL 1.
7. PERMANENT ENTRANCE TYPE 2 - DRAWING HMY-C-512-02 DETAIL 2.
8. TEMPORARY ACCESS ROAD - DRAWING HMY-C-512-01 DETAIL 6.
9. TYPICAL PERIMETER FENCE - DRAWING HMY-C-556-01 DETAIL 1.
10. 24' SWING GATE - DRAWING HMY-C-556-02 DETAIL 1.
11. FENCE DITCH CROSSING - DRAWING HMY-C-556-02 DETAIL 2.
12. TYPICAL FENCE ISOLATION PANEL - DRAWING HMY-C-556-01 DETAIL 2.
13. MVAC CABLE ROUTING CONFLICT WITH FENCING INSTALL, SEE NOTE 4.
14. TYPICAL INVERTER PAD - DRAWING HMY-C-501-01 DETAIL 1.
15. CULVERT - DRAWING HMY-C-556-03 DETAILS.
16. TEMPORARY ENTRANCE - DRAWING HMY-C-512-02 DETAIL 3.
17. ROAD REPAIR, PERMANENT ACCESS ROAD SURFACING - TYPE 2 - HMY-C-512-01 DETAIL 4.
18. LOW WATER CROSSING - DRAWING HMY-C-512-03. FIELD TO CONFIRM LOW POINT.
19. PERMANENT TOPSOIL BERM - DRAWING HMY-C-556-06 DETAIL 2.

GENERAL NOTES:

1. GRADING WITHIN SOLAR ARRAYS WILL BE DESIGNED TO MEET TRACKER TOLERANCES. THE EXISTING SITE DRAINAGE PATTERNS AND SITE RUNOFF WILL BE MAINTAINED TO EXTENT PRACTICAL. REFER TO HMY-C-512-04 FOR COMPACTION REQUIREMENTS.
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3. SEED AREAS WITHIN SOLAR ARRAYS AS INDICATED IN SEEDING PLAN OR AS NEEDED TO STABILIZE DISTURBED AREAS WITH LOW GROWING SEEDING MIX.
4. DO NOT PROCEED WITH FENCE POST INSTALL AT AREAS WHERE MVAC CABLE CROSSES THE FENCE ROUTING UNTIL MVAC CABLE IS LOCATED AND/OR VISUAL IDENTIFICATION OF MVAC CABLE HAS BEEN PROVIDED. BEFORE PROCEEDING, PROVIDE CONFIRMATION TO THE CONTRACTOR THAT THESE AREAS HAVE BEEN EVALUATED, AND LOCATED, AND THE POSTS WILL NOT CONFLICT WITH MVAC CABLE. NOTIFY THE CONTRACTOR AS SOON AS POSSIBLE IF THERE ARE ANY CONFLICTS THAT CANNOT BE AVOIDED.
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7. STOCKPILE LOCATIONS INDICATED ARE SUGGESTIONS AND MAY BE USED AS STAGING AREAS IF NOT NEEDED FOR STOCKPILE PURPOSES.
8. SEE PAGE HMY-C-513-02 FOR LINE & CURVE TABLES.



KEYPLAN
NTS

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 | CONTRACT: 8110

BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Co, Inc.
Firm License No. 016PE

SITE IMPROVEMENTS & GRADING
ENLARGED PLAN 03

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
LEAD ENG	B. SVOR
ENG MGR	D. REASOR
PROJ MGR	C. GARNER

DRAWING NUMBER: HMY-C-551-04 | REV: 0

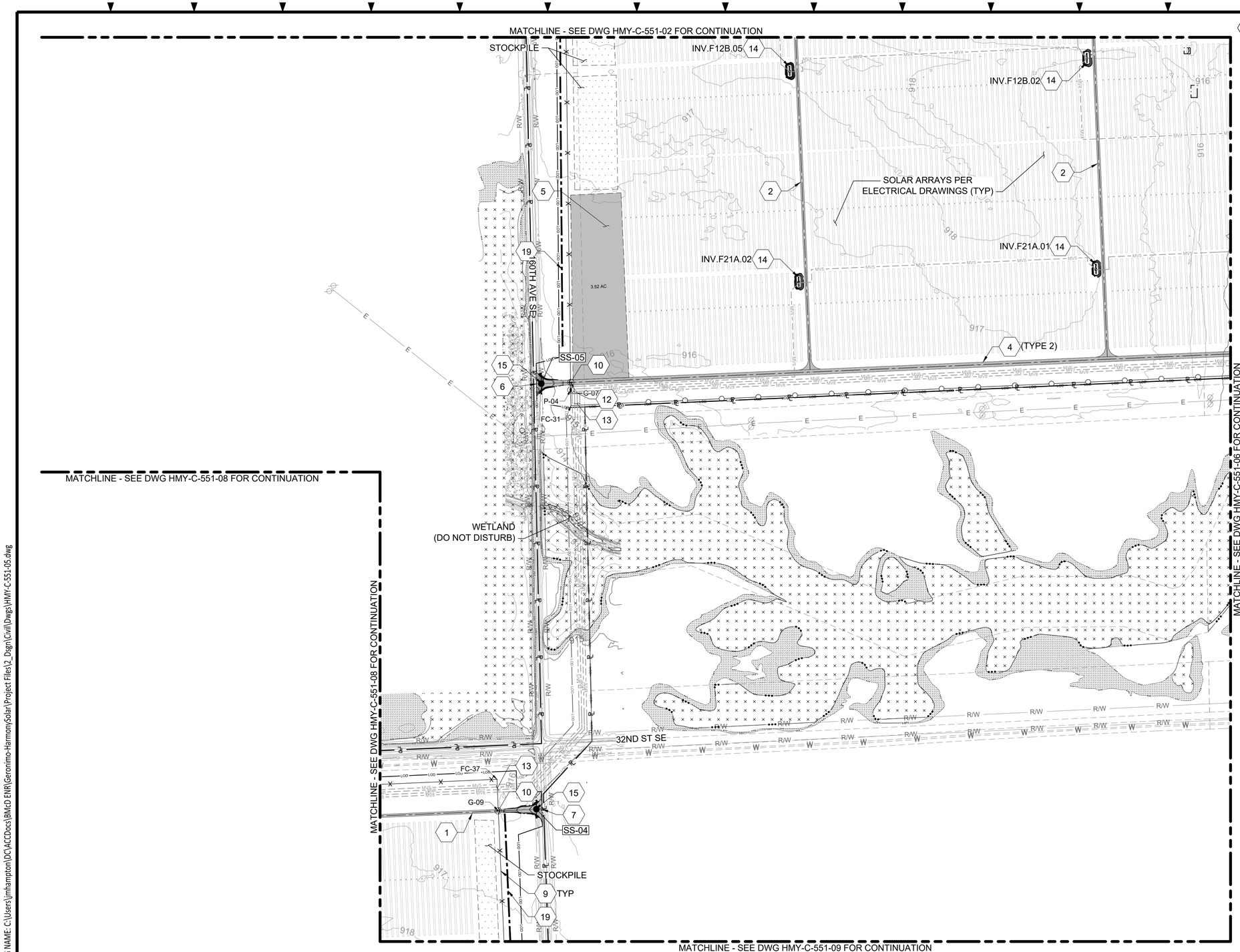
ISSUED FOR CONSTRUCTION

NORTH

0 200' 400'
SCALE IN FEET

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA
05/29/2026

MAY 29, 2026 - 11:47am DRAWING NAME: C:\Users\jmhampton\DC\ACCDocs\BMcD ENR\Geronimo-HarmonySolar\Project Files\2_Dgn\Civil\Dwgs\HMY-C-551-04.dwg

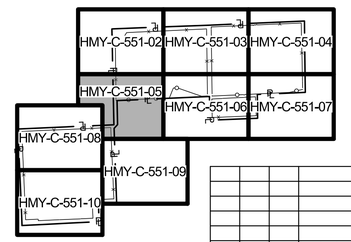


KEY NOTES (WHERE APPLICABLE):

1. 12-FT ACCESS ROAD (TYPE 1) - DRAWING HMY-C-512-01 DETAIL 1, DETAIL 3.
2. 12-FT ACCESS ROAD (TYPE 2) - DRAWING HMY-C-512-01 DETAIL 1, DETAIL 4.
3. 12-FT ACCESS ROAD (TYPE 3) - DRAWING HMY-C-512-01 DETAIL 1, DETAIL 5.
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5. TEMPORARY LAYDOWN SURFACING - DRAWING HMY-C-512-01 DETAIL 6.
6. PERMANENT ENTRANCE TYPE 1 - DRAWING HMY-C-512-02 DETAIL 1.
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9. TYPICAL PERIMETER FENCE - DRAWING HMY-C-556-01 DETAIL 1.
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11. FENCE DITCH CROSSING - DRAWING HMY-C-556-02 DETAIL 2.
12. TYPICAL FENCE ISOLATION PANEL - DRAWING HMY-C-556-01 DETAIL 2.
13. MVAC CABLE ROUTING CONFLICT WITH FENCING INSTALL, SEE NOTE 4.
14. TYPICAL INVERTER PAD - DRAWING HMY-C-501-01 DETAIL 1.
15. CULVERT - DRAWING HMY-C-556-03 DETAILS.
16. TEMPORARY ENTRANCE - DRAWING HMY-C-512-02 DETAIL 3.
17. ROAD REPAIR, PERMANENT ACCESS ROAD SURFACING - TYPE 2 - HMY-C-512-01 DETAIL 4.
18. LOW WATER CROSSING - DRAWING HMY-C-512-03. FIELD TO CONFIRM LOW POINT.
19. PERMANENT TOPSOIL BERM - DRAWING HMY-C-556-06 DETAIL 2.

GENERAL NOTES:

1. GRADING WITHIN SOLAR ARRAYS WILL BE DESIGNED TO MEET TRACKER TOLERANCES. THE EXISTING SITE DRAINAGE PATTERNS AND SITE RUNOFF WILL BE MAINTAINED TO EXTENT PRACTICAL. REFER TO HMY-C-512-04 FOR COMPACTION REQUIREMENTS.
2. ADDITIONAL TEMPORARY LAYDOWN AREAS MAY BE LOCATED THROUGHOUT THE SITE. NO LAYDOWNS WILL BE LOCATED OUTSIDE THE PROJECT FENCE.
3. SEED AREAS WITHIN SOLAR ARRAYS AS INDICATED IN SEEDING PLAN OR AS NEEDED TO STABILIZE DISTURBED AREAS WITH LOW GROWING SEEDING MIX.
4. DO NOT PROCEED WITH FENCE POST INSTALL AT AREAS WHERE MVAC CABLE CROSSES THE FENCE ROUTING UNTIL MVAC CABLE IS LOCATED AND/OR VISUAL IDENTIFICATION OF MVAC CABLE HAS BEEN PROVIDED. BEFORE PROCEEDING, PROVIDE CONFIRMATION TO THE CONTRACTOR THAT THESE AREAS HAVE BEEN EVALUATED, AND LOCATED, AND THE POSTS WILL NOT CONFLICT WITH MVAC CABLE. NOTIFY THE CONTRACTOR AS SOON AS POSSIBLE IF THERE ARE ANY CONFLICTS THAT CANNOT BE AVOIDED.
5. SNOW FENCE TO BE INSTALLED SURROUNDING INDICATED FEATURE WITH A 15-FT OFFSET. SNOW FENCE SHALL NOT BE INSTALLED OUTSIDE OF PROPERTY LINE.
6. TEMPORARY ROAD, LAYDOWN, AND STABILIZED CONSTRUCTION ENTRANCE AGGREGATE AND ASSOCIATED MATERIAL SHALL BE REMOVED AT THE END OF THE PROJECT. THESE AREAS SHALL BE RECLAIMED AND SEEDED AS INDICATED IN THE SEEDING PLAN.
7. STOCKPILE LOCATIONS INDICATED ARE SUGGESTIONS AND MAY BE USED AS STAGING AREAS IF NOT NEEDED FOR STOCKPILE PURPOSES.
8. SEE PAGE HMY-C-513-02 FOR LINE & CURVE TABLES.



KEYPLAN
NTS

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 | CONTRACT: 8110

BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Co, Inc.
Firm License No. 016PE

SITE IMPROVEMENTS & GRADING
ENLARGED PLAN 04

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
LEAD ENG	B. SVOR
ENG MGR	D. REASOR
PROJ MGR	C. GARNER

DRAWING NUMBER: HMY-C-551-05 | REV: 0

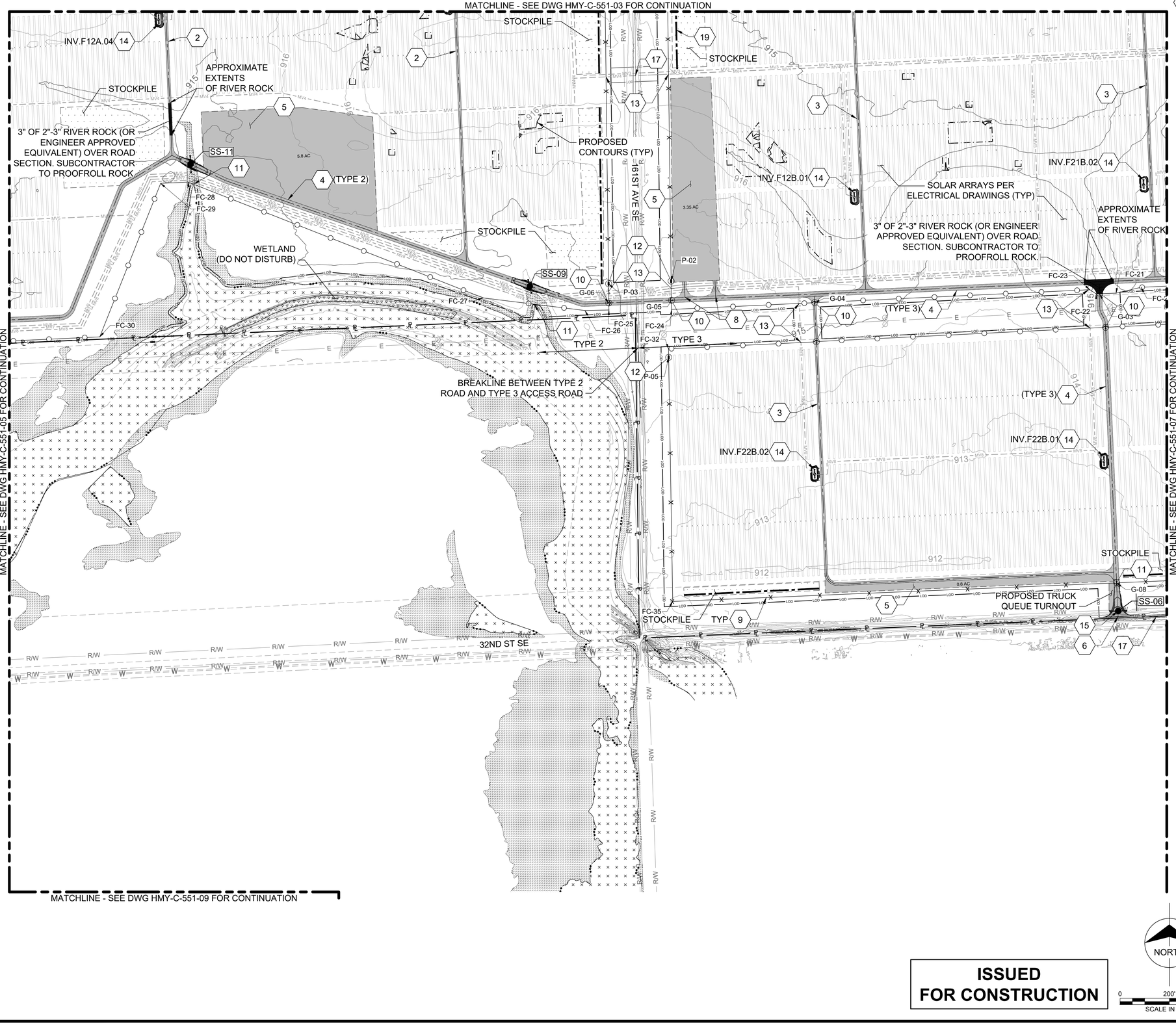
ISSUED FOR CONSTRUCTION

NORTH

0 200' 400'
SCALE IN FEET

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA
05/29/2026

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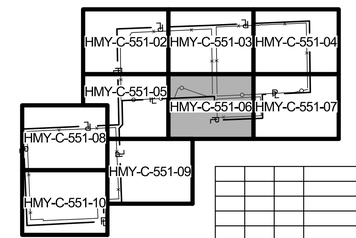
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KEY NOTES (WHERE APPLICABLE):

1. 12-FT ACCESS ROAD (TYPE 1) - DRAWING HMY-C-512-01 DETAIL 1, DETAIL 3.
2. 12-FT ACCESS ROAD (TYPE 2) - DRAWING HMY-C-512-01 DETAIL 1, DETAIL 4.
3. 12-FT ACCESS ROAD (TYPE 3) - DRAWING HMY-C-512-01 DETAIL 1, DETAIL 5.
4. 20-FT ACCESS ROAD - DRAWING HMY-C-512-01 DETAIL 2 AND TYPE PER PLAN.
5. TEMPORARY LAYDOWN SURFACING - DRAWING HMY-C-512-01 DETAIL 6.
6. PERMANENT ENTRANCE TYPE 1 - DRAWING HMY-C-512-02 DETAIL 1.
7. PERMANENT ENTRANCE TYPE 2 - DRAWING HMY-C-512-02 DETAIL 2.
8. TEMPORARY ACCESS ROAD - DRAWING HMY-C-512-01 DETAIL 6.
9. TYPICAL PERIMETER FENCE - DRAWING HMY-C-556-01 DETAIL 1.
10. 24' SWING GATE - DRAWING HMY-C-556-02 DETAIL 1.
11. FENCE DITCH CROSSING - DRAWING HMY-C-556-02 DETAIL 2.
12. TYPICAL FENCE ISOLATION PANEL - DRAWING HMY-C-556-01 DETAIL 2.
13. MVAC CABLE ROUTING CONFLICT WITH FENCING INSTALL, SEE NOTE 4.
14. TYPICAL INVERTER PAD - DRAWING HMY-C-501-01 DETAIL 1.
15. CULVERT - DRAWING HMY-C-556-03 DETAILS.
16. TEMPORARY ENTRANCE - DRAWING HMY-C-512-02 DETAIL 3.
17. ROAD REPAIR, PERMANENT ACCESS ROAD SURFACING - TYPE 2 - HMY-C-512-01 DETAIL 4.
18. LOW WATER CROSSING - DRAWING HMY-C-512-03. FIELD TO CONFIRM LOW POINT.
19. PERMANENT TOPSOIL BERM - DRAWING HMY-C-556-06 DETAIL 2.

GENERAL NOTES:

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7. STOCKPILE LOCATIONS INDICATED ARE SUGGESTIONS AND MAY BE USED AS STAGING AREAS IF NOT NEEDED FOR STOCKPILE PURPOSES.
8. SEE PAGE HMY-C-513-02 FOR LINE & CURVE TABLES.



KEYPLAN
NTS

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 | CONTRACT: 8110

BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Co, Inc.
Firm License No. 016PE

SITE IMPROVEMENTS & GRADING
ENLARGED PLAN 05

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
LEAD ENG	B. SVOR
ENG MGR	D. REASOR
PROJ MGR	C. GARNER

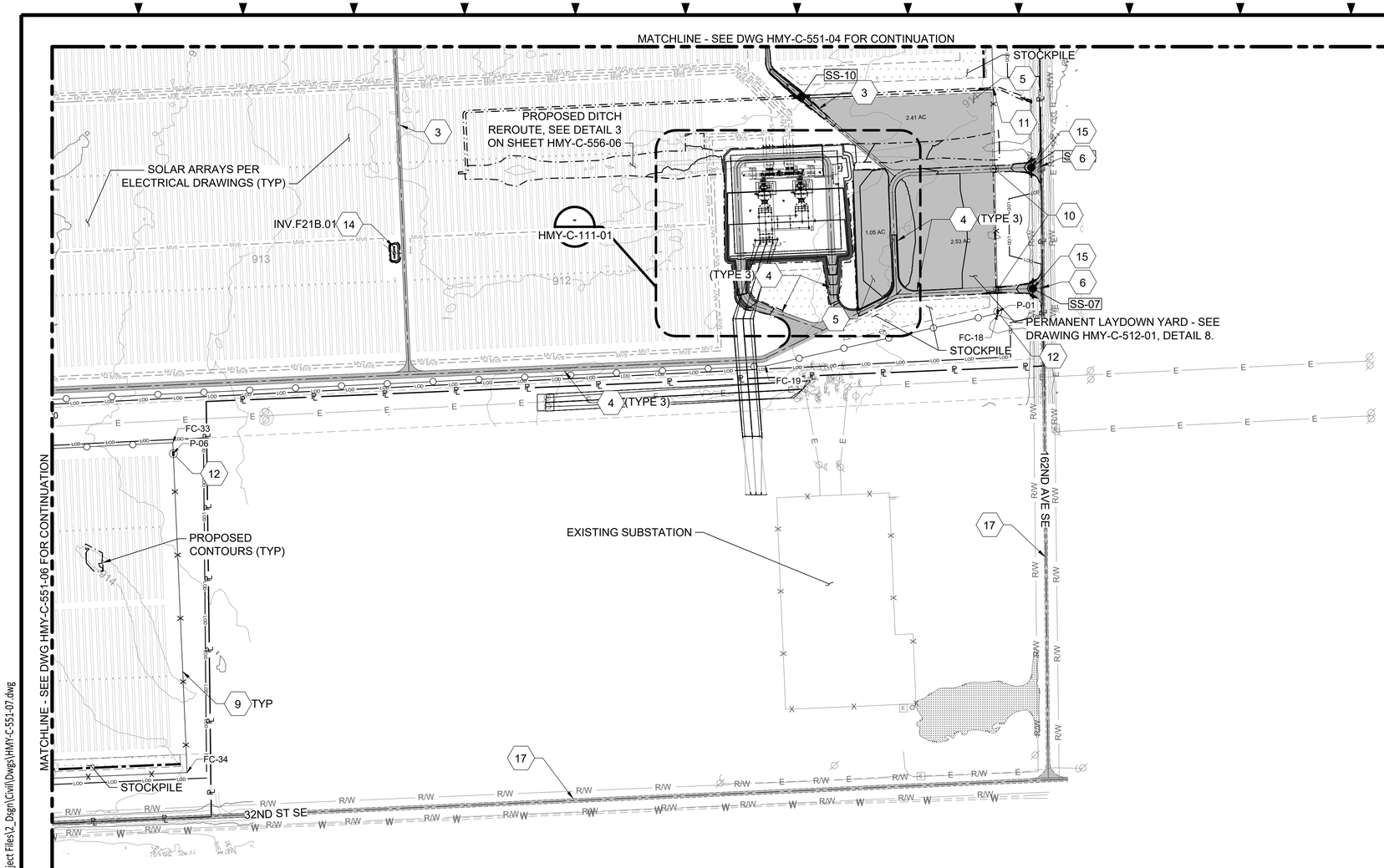
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ISSUED FOR CONSTRUCTION

NORTH

0 200' 400'
SCALE IN FEET

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA
05/29/2026

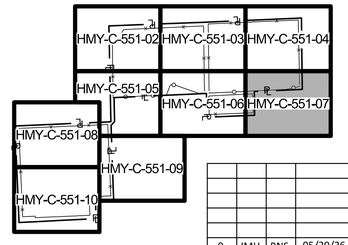


KEY NOTES (WHERE APPLICABLE):

1. 12-FT ACCESS ROAD (TYPE 1) - DRAWING HMY-C-512-01 DETAIL 1, DETAIL 3.
2. 12-FT ACCESS ROAD (TYPE 2) - DRAWING HMY-C-512-01 DETAIL 1, DETAIL 4.
3. 12-FT ACCESS ROAD (TYPE 3) - DRAWING HMY-C-512-01 DETAIL 1, DETAIL 5.
4. 20-FT ACCESS ROAD - DRAWING HMY-C-512-01 DETAIL 2 AND TYPE PER PLAN.
5. TEMPORARY LAYDOWN SURFACING - DRAWING HMY-C-512-01 DETAIL 6.
6. PERMANENT ENTRANCE TYPE 1 - DRAWING HMY-C-512-02 DETAIL 1.
7. PERMANENT ENTRANCE TYPE 2 - DRAWING HMY-C-512-02 DETAIL 2.
8. TEMPORARY ACCESS ROAD - DRAWING HMY-C-512-01 DETAIL 6.
9. TYPICAL PERIMETER FENCE - DRAWING HMY-C-556-01 DETAIL 1.
10. 24' SWING GATE - DRAWING HMY-C-556-02 DETAIL 1.
11. FENCE DITCH CROSSING - DRAWING HMY-C-556-02 DETAIL 2.
12. TYPICAL FENCE ISOLATION PANEL - DRAWING HMY-C-556-01 DETAIL 2.
13. MVAC CABLE ROUTING CONFLICT WITH FENCING INSTALL, SEE NOTE 4.
14. TYPICAL INVERTER PAD - DRAWING HMY-C-501-01 DETAIL 1.
15. CULVERT - DRAWING HMY-C-556-03 DETAILS.
16. TEMPORARY ENTRANCE - DRAWING HMY-C-512-02 DETAIL 3.
17. ROAD REPAIR, PERMANENT ACCESS ROAD SURFACING - TYPE 2 - HMY-C-512-01 DETAIL 4.
18. LOW WATER CROSSING - DRAWING HMY-C-512-03. FIELD TO CONFIRM LOW POINT.
19. PERMANENT TOPSOIL BERM - DRAWING HMY-C-556-06 DETAIL 2.

GENERAL NOTES:

1. GRADING WITHIN SOLAR ARRAYS WILL BE DESIGNED TO MEET TRACKER TOLERANCES. THE EXISTING SITE DRAINAGE PATTERNS AND SITE RUNOFF WILL BE MAINTAINED TO EXTENT PRACTICAL. REFER TO HMY-C-512-04 FOR COMPACTION REQUIREMENTS.
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8. SEE PAGE HMY-C-513-02 FOR LINE & CURVE TABLES.



KEYPLAN
NTS

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 | CONTRACT: 8110

BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Co, Inc.
Firm License No. 016PE

SITE IMPROVEMENTS & GRADING
ENLARGED PLAN 06

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
LEAD ENG	B. SVOR
ENG MGR	D. REASOR
PROJ MGR	C. GARNER

DRAWING NUMBER: HMY-C-551-07 | REV: 0

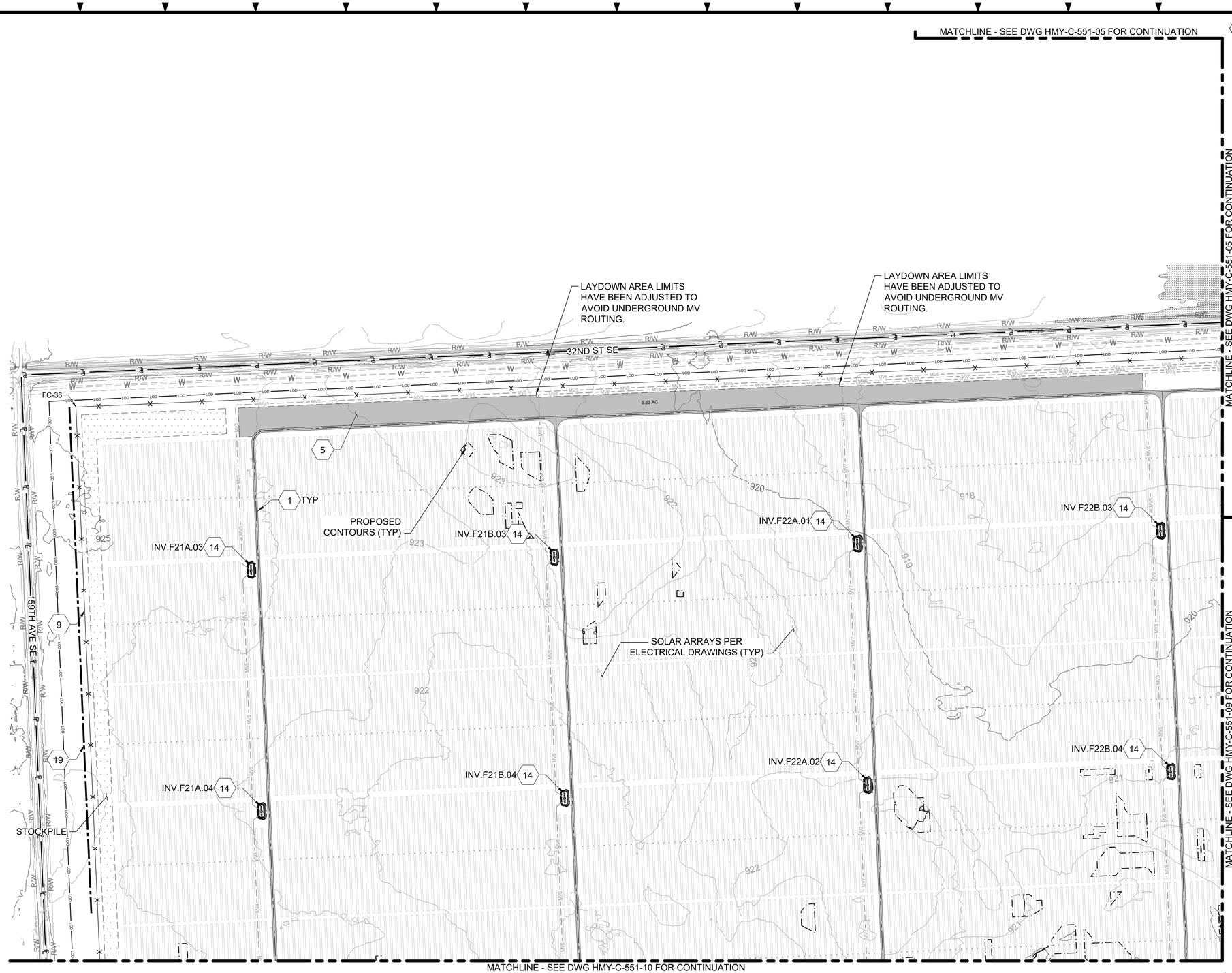
ISSUED FOR CONSTRUCTION

NORTH

0 200' 400'
SCALE IN FEET

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA
05/29/2026

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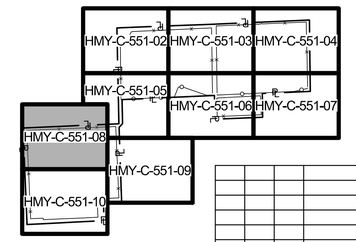
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KEY NOTES (WHERE APPLICABLE):

1. 12-FT ACCESS ROAD (TYPE 1) - DRAWING HMY-C-512-01 DETAIL 1, DETAIL 3.
2. 12-FT ACCESS ROAD (TYPE 2) - DRAWING HMY-C-512-01 DETAIL 1, DETAIL 4.
3. 12-FT ACCESS ROAD (TYPE 3) - DRAWING HMY-C-512-01 DETAIL 1, DETAIL 5.
4. 20-FT ACCESS ROAD - DRAWING HMY-C-512-01 DETAIL 2 AND TYPE PER PLAN.
5. TEMPORARY LAYDOWN SURFACING - DRAWING HMY-C-512-01 DETAIL 6.
6. PERMANENT ENTRANCE TYPE 1 - DRAWING HMY-C-512-02 DETAIL 1.
7. PERMANENT ENTRANCE TYPE 2 - DRAWING HMY-C-512-02 DETAIL 2.
8. TEMPORARY ACCESS ROAD - DRAWING HMY-C-512-01 DETAIL 6.
9. TYPICAL PERIMETER FENCE - DRAWING HMY-C-556-01 DETAIL 1.
10. 24' SWING GATE - DRAWING HMY-C-556-02 DETAIL 1.
11. FENCE DITCH CROSSING - DRAWING HMY-C-556-02 DETAIL 2.
12. TYPICAL FENCE ISOLATION PANEL - DRAWING HMY-C-556-01 DETAIL 2.
13. MVAC CABLE ROUTING CONFLICT WITH FENCING INSTALL, SEE NOTE 4.
14. TYPICAL INVERTER PAD - DRAWING HMY-C-501-01 DETAIL 1.
15. CULVERT - DRAWING HMY-C-556-03 DETAILS.
16. TEMPORARY ENTRANCE - DRAWING HMY-C-512-02 DETAIL 3.
17. ROAD REPAIR, PERMANENT ACCESS ROAD SURFACING - TYPE 2 - HMY-C-512-01 DETAIL 4.
18. LOW WATER CROSSING - DRAWING HMY-C-512-03. FIELD TO CONFIRM LOW POINT.
19. PERMANENT TOPSOIL BERM - DRAWING HMY-C-556-06 DETAIL 2.

GENERAL NOTES:

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8. SEE PAGE HMY-C-513-02 FOR LINE & CURVE TABLES.



KEYPLAN
NTS

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 CONTRACT: 8110

BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Co, Inc.
Firm License No. 016PE

SITE IMPROVEMENTS & GRADING
ENLARGED PLAN 07

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
LEAD ENG	B. SVOR
ENG MGR	D. REASOR
PROJ MGR	C. GARNER

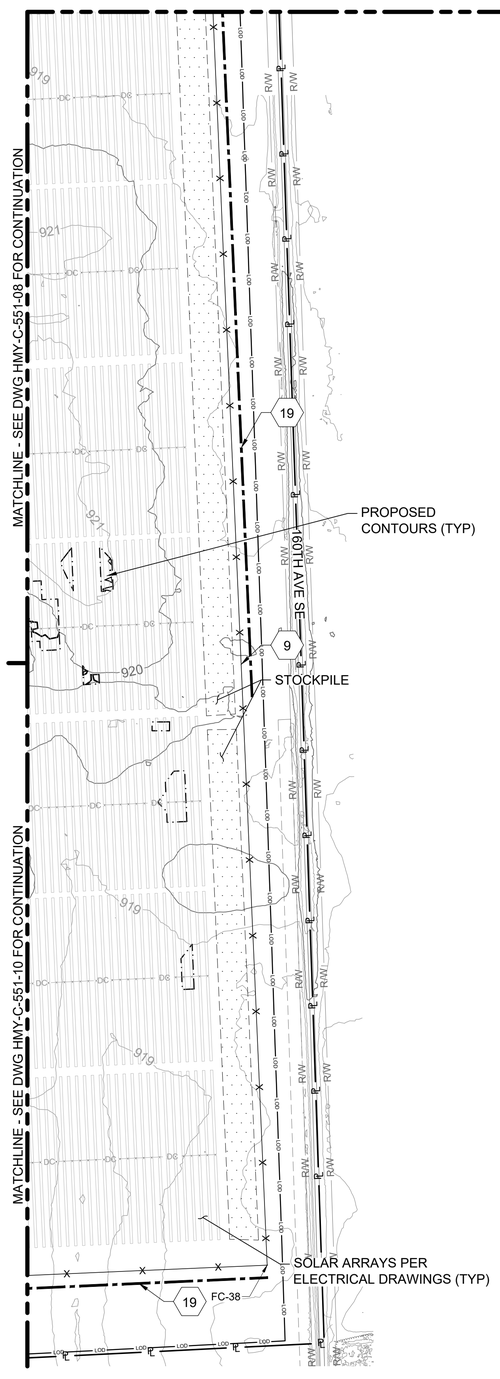
DRAWING NUMBER: HMY-C-551-08 REV: 0

ISSUED FOR CONSTRUCTION

NORTH

0 200' 400'
SCALE IN FEET

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA
05/29/2026

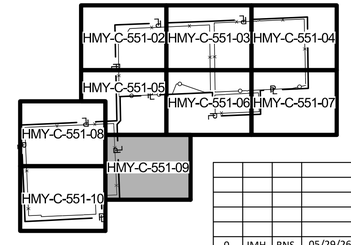


KEY NOTES (WHERE APPLICABLE):

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GENERAL NOTES:

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KEYPLAN
NTS

ISSUED FOR CONSTRUCTION

NORTH

0 200' 400'
SCALE IN FEET

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA
05/29/2026

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 | CONTRACT: 8110

BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
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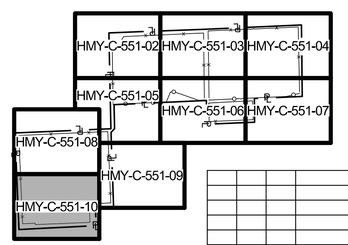
SITE IMPROVEMENTS & GRADING
ENLARGED PLAN 08

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
LEAD ENG	B. SVOR
ENG MGR	D. REASOR
PROJ MGR	C. GARNER

DRAWING NUMBER	REV
HMY-C-551-09	0

MAY 29, 2026 - 11:51am DRAWING NAME: C:\Users\jmhampton\DC\ACCDocs\BMcD ENR\Geronimo-HarmonySolar\Project Files\2_Dsgn\Civil\Dwgs\HMY-C-551-09.dwg





KEYPLAN
NTS

KEY NOTES (WHERE APPLICABLE):

1. 12-FT ACCESS ROAD (TYPE 1) - DRAWING HMY-C-512-01 DETAIL 1, DETAIL 3.
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6. PERMANENT ENTRANCE TYPE 1 - DRAWING HMY-C-512-02 DETAIL 1.
7. PERMANENT ENTRANCE TYPE 2 - DRAWING HMY-C-512-02 DETAIL 2.
8. TEMPORARY ACCESS ROAD - DRAWING HMY-C-512-01 DETAIL 6.
9. TYPICAL PERIMETER FENCE - DRAWING HMY-C-556-01 DETAIL 1.
10. 24' SWING GATE - DRAWING HMY-C-556-02 DETAIL 1.
11. FENCE DITCH CROSSING - DRAWING HMY-C-556-02 DETAIL 2.
12. TYPICAL FENCE ISOLATION PANEL - DRAWING HMY-C-556-01 DETAIL 2.
13. MVAC CABLE ROUTING CONFLICT WITH FENCING INSTALL, SEE NOTE 4.
14. TYPICAL INVERTER PAD - DRAWING HMY-C-501-01 DETAIL 1.
15. CULVERT - DRAWING HMY-C-556-03 DETAILS.
16. TEMPORARY ENTRANCE - DRAWING HMY-C-512-02 DETAIL 3.
17. ROAD REPAIR, PERMANENT ACCESS ROAD SURFACING - TYPE 2 - HMY-C-512-01 DETAIL 4.
18. LOW WATER CROSSING - DRAWING HMY-C-512-03. FIELD TO CONFIRM LOW POINT.
19. PERMANENT TOPSOIL BERM - DRAWING HMY-C-556-06 DETAIL 2.

GENERAL NOTES:

1. GRADING WITHIN SOLAR ARRAYS WILL BE DESIGNED TO MEET TRACKER TOLERANCES. THE EXISTING SITE DRAINAGE PATTERNS AND SITE RUNOFF WILL BE MAINTAINED TO EXTENT PRACTICAL. REFER TO HMY-C-512-04 FOR COMPACTION REQUIREMENTS.
2. ADDITIONAL TEMPORARY LAYDOWN AREAS MAY BE LOCATED THROUGHOUT THE SITE. NO LAYDOWNS WILL BE LOCATED OUTSIDE THE PROJECT FENCE.
3. SEED AREAS WITHIN SOLAR ARRAYS AS INDICATED IN SEEDING PLAN OR AS NEEDED TO STABILIZE DISTURBED AREAS WITH LOW GROWING SEEDING MIX.
4. DO NOT PROCEED WITH FENCE POST INSTALL AT AREAS WHERE MVAC CABLE CROSSES THE FENCE ROUTING UNTIL MVAC CABLE IS LOCATED AND/OR VISUAL IDENTIFICATION OF MVAC CABLE HAS BEEN PROVIDED. BEFORE PROCEEDING, PROVIDE CONFIRMATION TO THE CONTRACTOR THAT THESE AREAS HAVE BEEN EVALUATED, AND LOCATED, AND THE POSTS WILL NOT CONFLICT WITH MVAC CABLE. NOTIFY THE CONTRACTOR AS SOON AS POSSIBLE IF THERE ARE ANY CONFLICTS THAT CANNOT BE AVOIDED.
5. SNOW FENCE TO BE INSTALLED SURROUNDING INDICATED FEATURE WITH A 15-FT OFFSET. SNOW FENCE SHALL NOT BE INSTALLED OUTSIDE OF PROPERTY LINE.
6. TEMPORARY ROAD, LAYDOWN, AND STABILIZED CONSTRUCTION ENTRANCE AGGREGATE AND ASSOCIATED MATERIAL SHALL BE REMOVED AT THE END OF THE PROJECT. THESE AREAS SHALL BE RECLAIMED AND SEEDED AS INDICATED IN THE SEEDING PLAN.
7. STOCKPILE LOCATIONS INDICATED ARE SUGGESTIONS AND MAY BE USED AS STAGING AREAS IF NOT NEEDED FOR STOCKPILE PURPOSES.
8. SEE PAGE HMY-C-513-02 FOR LINE & CURVE TABLES.

ISSUED FOR CONSTRUCTION

NORTH

0 200' 400'
SCALE IN FEET

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA
05/29/2026

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 CONTRACT: 8110

BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Co, Inc.
Firm License No. 016PE

SITE IMPROVEMENTS & GRADING
ENLARGED PLAN 09

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
LEAD ENG	B. SVOR
ENG MGR	D. REASOR
PROJ MGR	C. GARNER

DRAWING NUMBER	REV
HMY-C-551-10	0

MAY 29, 2026 - 3:29pm DRAWING NAME: C:\Users\jmhampton\DC\ACCDocs\BMcD ENR\Geronimo-HarmonySolar\Project Files\2_Dsgn\Civil\Dwgs\HMY-C-551-10.dwg

FENCE CORNER POINT TABLE		
POINT #	NORTHING	EASTING
FC-1	490222.42	2813525.03
FC-2	490261.31	2813693.77
FC-3	490403.30	2813746.64
FC-4	490542.82	2814016.24
FC-5	490645.85	2814012.37
FC-6	490837.12	2814098.62
FC-7	490989.95	2814216.12
FC-8	491084.81	2816311.09
FC-9	491172.82	2816587.80
FC-10	491231.21	2818115.50
FC-11	491186.68	2818561.03
FC-12	491298.66	2818812.71
FC-13	491398.68	2821103.41
FC-14	491378.19	2821130.09
FC-15	491378.83	2821145.09
FC-16	491401.63	2821170.94
FC-17	491515.55	2823779.84
FC-18	487853.02	2823858.76
FC-19	487686.87	2823125.11
FC-20	487576.12	2820767.77
FC-21	487552.29	2820665.66
FC-22	487549.25	2820585.35

FENCE CORNER POINT TABLE		
POINT #	NORTHING	EASTING
FC-23	487566.34	2820559.21
FC-24	487486.16	2818860.77
FC-25	487483.88	2818606.87
FC-26	487481.88	2818509.44
FC-27	487533.08	2818096.17
FC-28	488003.42	2816898.00
FC-29	487998.03	2816786.62
FC-30	487374.72	2816539.27
FC-31	487239.60	2813564.51
FC-32	487326.07	2818848.63
FC-33	487444.64	2821253.37
FC-34	486402.46	2821298.44
FC-35	486300.47	2818865.65
FC-36	485547.22	2808366.07
FC-37	485762.27	2813271.94
FC-38	481812.84	2813442.79
FC-39	481761.13	2812246.91
FC-40	480743.98	2812290.89
FC-41	480583.54	2808580.72

ISOLATION PANEL MIDPOINT TABLE		
POINT #	NORTHING	EASTING
P-01	487858.02	2823858.65
P-02	487601.22	2818859.32
P-03	487590.24	2818605.32
P-04	487301.34	2813563.47
P-05	487291.52	2818849.20
P-06	487409.95	2821254.87

GATE POINT TABLE		
POINT #	NORTHING	EASTING
G-01	491152.14	2818561.63
G-02	491163.03	2818813.48
G-03	487548.78	2820599.28
G-04	487512.95	2819441.91
G-05	487523.49	2818861.04
G-06	487512.47	2818606.30
G-07	487331.08	2813563.08
G-08	486375.56	2820668.19
G-09	485637.29	2813277.55
G-10	480714.56	2811610.71
G-11	480663.76	2810435.81
G-12	480662.88	2810408.90
G-13	480613.99	2809284.88
G-14	480612.95	2809260.90

ISSUED FOR CONSTRUCTION

NO SCALE

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA
05/29/2026

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 | CONTRACT: 8110

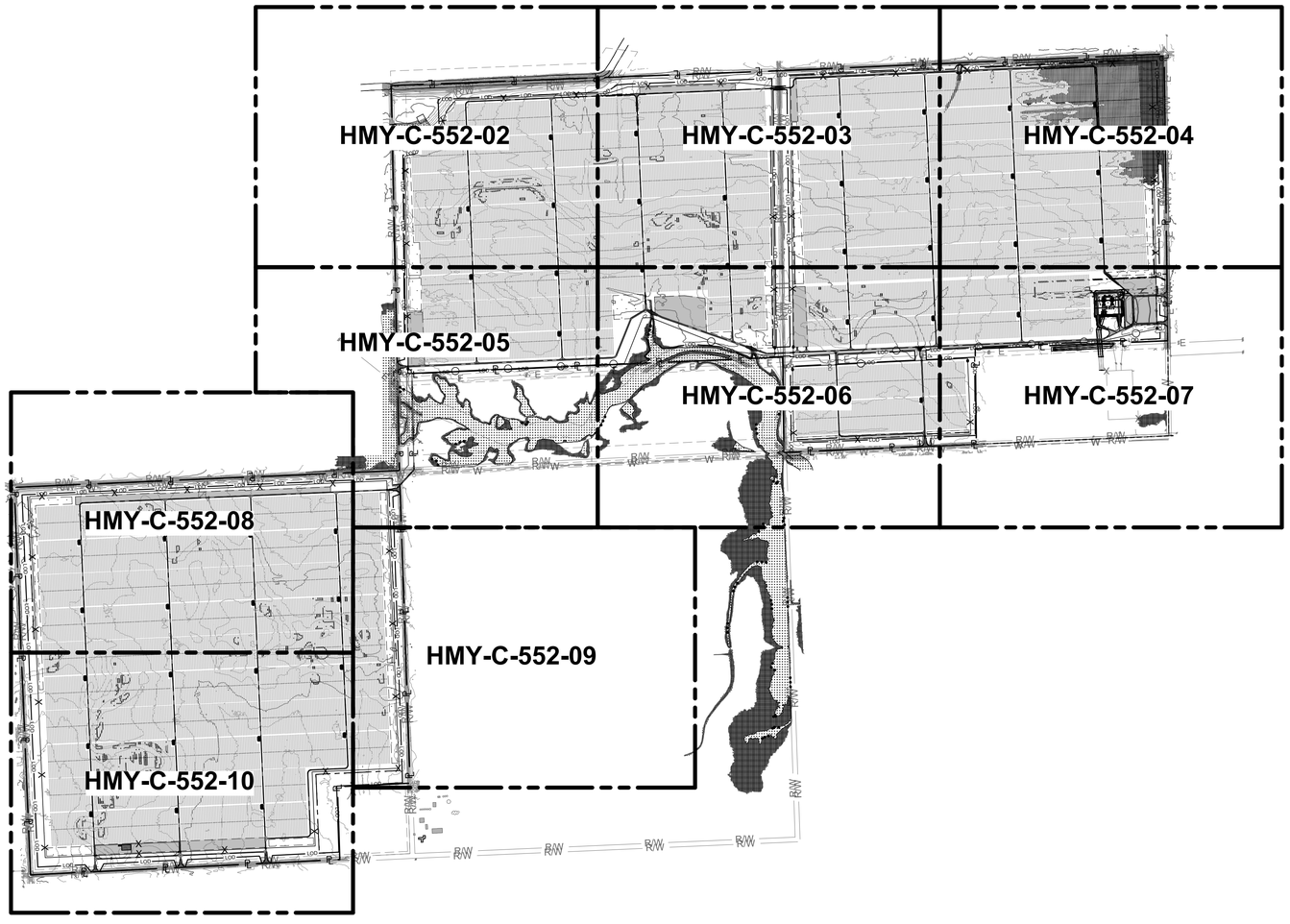
BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Co, Inc.
Firm License No. 016PE

SITE IMPROVEMENTS & GRADING
POINT TABLE 01

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
LEAD ENG	B. SVOR
ENG MGR	D. REASOR
PROJ MGR	C. GARNER

DRAWING NUMBER	REV
HMY-C-551-11	0

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ISSUED FOR CONSTRUCTION

NORTH

0 1000' 2000'

SCALE IN FEET

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA

05/29/2026

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 | CONTRACT: 8110

geronimo power

BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Co, Inc.
Firm License No. 016PE

EROSION & SEDIMENT CONTROL
KEY PLAN

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
LEAD ENG	B. SVOR
ENG MGR	D. REASOR
PROJ MGR	C. GARNER

DRAWING NUMBER	REV
HMY-C-552-01	0

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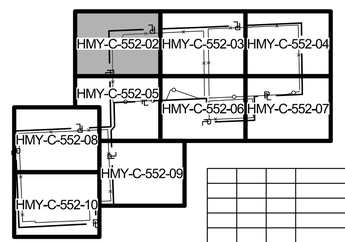


KEY NOTES (WHERE APPLICABLE):

1. SILT FENCE - DRAWING HMY-C-556-04 DETAIL 1.
2. SILT FENCE OUTLET - DRAWING HMY-C-556-04 DETAIL 2.
3. STABILIZED CONSTRUCTION ENTRANCE - DRAWING HMY-C-556-05 TYPE 2 UNO.
4. EROSION CONTROL MATTING - DRAWING HMY-C-556-06 DETAIL 1.

GENERAL NOTES:

1. ALL PERIMETER CONTROLS SHALL BE CONSTRUCTED AND STABILIZED PRIOR TO ANY TYPICAL EARTH-DISTURBED ACTIVITIES WITHIN THE RESPECTIVE DRAINAGE AREA.
2. ADDITIONAL BMPS SHALL BE INSTALLED AS REQUIRED TO MITIGATE SEDIMENTATION SHALL BE INSTALLED AS REQUIRED TO MITIGATE SEDIMENTATION AND EROSION DURING CONSTRUCTION. EROSION & SEDIMENT CONTROL DRAWINGS MUST BE REDLINED IN THE SWPPP.
3. ALL DISTURBED AREAS SHALL BE STABILIZED PER EROSION CONTROL NOTES IMMEDIATELY AFTER CONSTRUCTION ACTIVITIES CEASE IN ANY PORTION OF THE SITE AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 DAYS.
4. ALL CLEARED AREAS SHALL BE SEEDED PER EROSION CONTROL NOTES.
5. GENERAL MAINTENANCE OF EROSION CONTROL ITEMS IS REQUIRED. SEE GENERAL DETAILS AND SWPPP FOR SPECIFIC MAINTENANCE REQUIREMENTS.
6. EROSION CONTROL MATTING MAY BE INSTALLED AS NEEDED IN LOCATIONS THAT EXPERIENCE SOIL EROSION DUE TO CONCENTRATED FLOW. EROSION CONTROL MAT PRODUCT SHALL BE INSTALLED PER MANUFACTURERS RECOMMENDATIONS.
7. TEMPORARY STOCKPILE LOCATIONS SHOWN ARE SUGGESTIONS TO BE COORDINATED WITH CONTRACTOR. SILT FENCE OR ENGINEER APPROVED EQUIVALENT SHALL BE INSTALLED DOWNGRADE FROM STOCKPILES. STOCKPILES REMAINING INACTIVE FOR 14 DAYS SHALL BE SEEDED WITH TEMPORARY SEED.
8. CONSTRUCT CONCRETE WASHOUT AT LOCATION COORDINATED WITH CONTRACTOR, SEE DETAIL 1 ON DWG HMY-C-556-05.



KEYPLAN
NTS

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 | CONTRACT: 8110

BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Co, Inc.
Firm License No. 016PE

EROSION & SEDIMENT CONTROL
ENLARGED PLAN 01

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
LEAD ENG	B. SVOR
ENG MGR	D. REASOR
PROJ MGR	C. GARNER

DRAWING NUMBER: HMY-C-552-02 | REV: 0

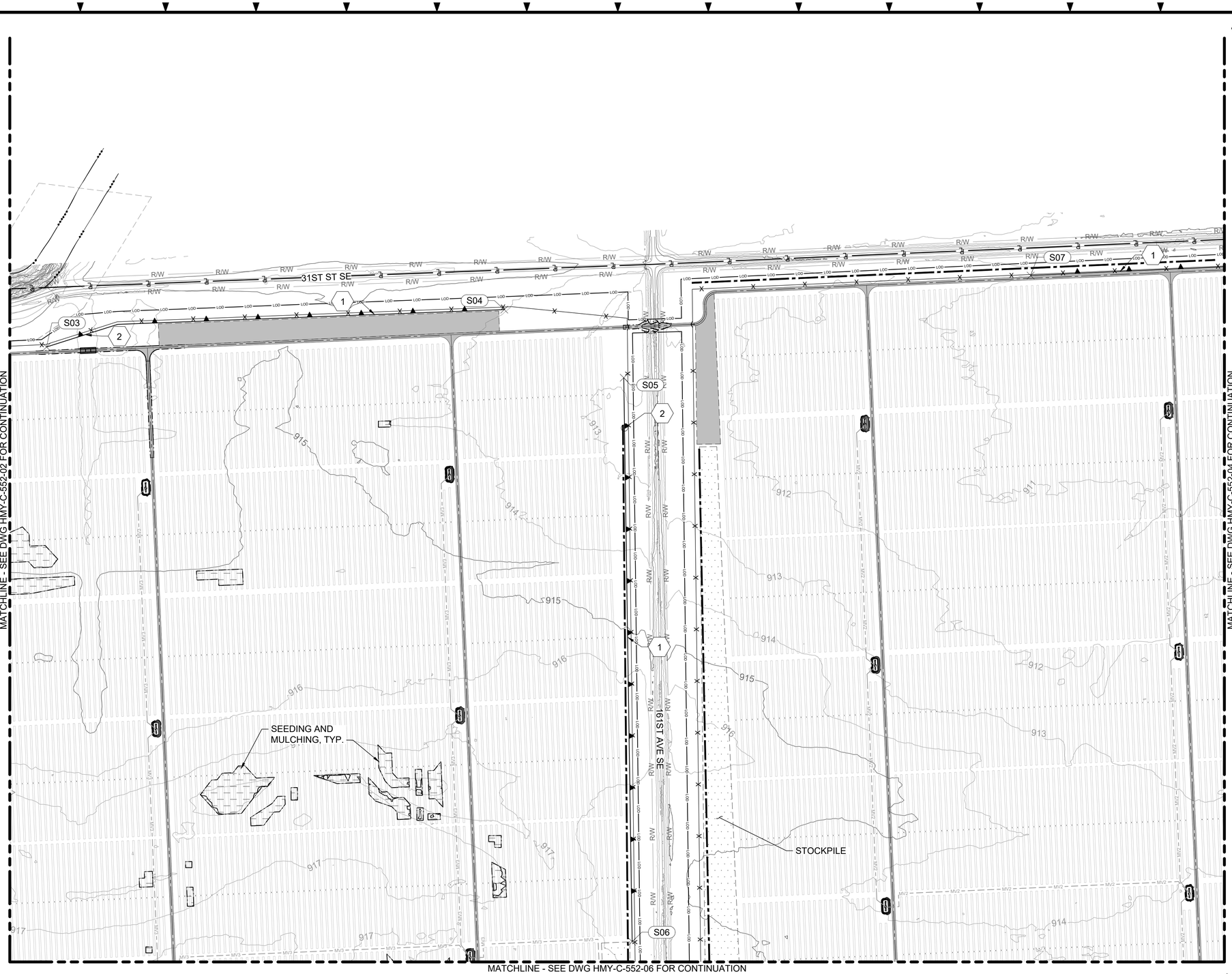
ISSUED FOR CONSTRUCTION

NORTH

0 200' 400'
SCALE IN FEET

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA
05/29/2026

MAY 29, 2026 - 12:03pm DRAWING NAME: C:\Users\jmhampton\DC\ACCDocs\BMcD ENR\Geronimo-Harmony5olar\Project Files\2_Dsgn\Civil\Dwgs\HMY-C-552-02.dwg

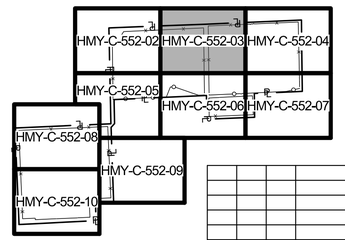


KEY NOTES (WHERE APPLICABLE):

1. SILT FENCE - DRAWING HMY-C-556-04 DETAIL 1.
2. SILT FENCE OUTLET - DRAWING HMY-C-556-04 DETAIL 2.
3. STABILIZED CONSTRUCTION ENTRANCE - DRAWING HMY-C-556-05 TYPE 2 UNO.
4. EROSION CONTROL MATTING - DRAWING HMY-C-556-06 DETAIL 1.

GENERAL NOTES:

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8. CONSTRUCT CONCRETE WASHOUT AT LOCATION COORDINATED WITH CONTRACTOR, SEE DETAIL 1 ON DWG HMY-C-556-05.



KEYPLAN
NTS

ISSUED FOR CONSTRUCTION

NORTH

0 200' 400'
SCALE IN FEET

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA
05/29/2026

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 | CONTRACT: 8110

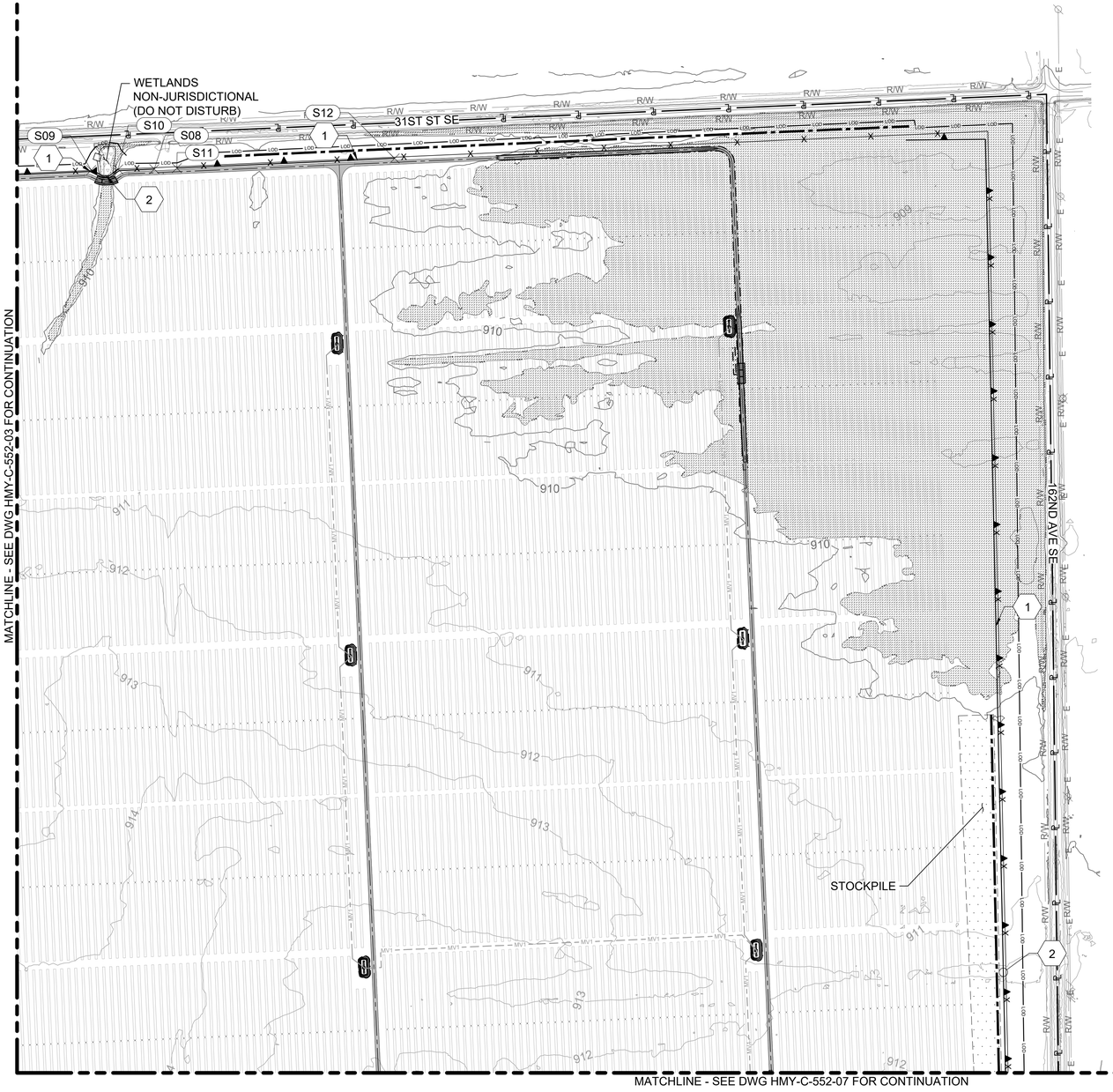
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9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Co, Inc.
Firm License No. 016PE

EROSION & SEDIMENT CONTROL
ENLARGED PLAN 02

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
LEAD ENG	B. SVOR
ENG MGR	D. REASOR
PROJ MGR	C. GARNER

DRAWING NUMBER: HMY-C-552-03 | REV: 0

MAY 29, 2026 - 12:04pm DRAWING NAME: C:\Users\jmhampton\DC\ACCDocs\BMcD ENR\Geronimo-HarmonySolar\Project Files\2_Dsgn\Civil\Dwgs\HMY-C-552-03.dwg

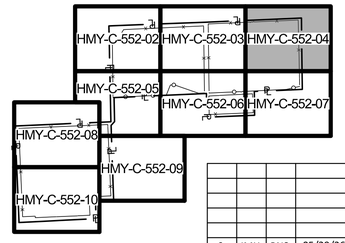


KEY NOTES (WHERE APPLICABLE):

1. SILT FENCE - DRAWING HMY-C-556-04 DETAIL 1.
2. SILT FENCE OUTLET - DRAWING HMY-C-556-04 DETAIL 2.
3. STABILIZED CONSTRUCTION ENTRANCE - DRAWING HMY-C-556-05 TYPE 2 UNO.
4. EROSION CONTROL MATTING - DRAWING HMY-C-556-06 DETAIL 1.

GENERAL NOTES:

1. ALL PERIMETER CONTROLS SHALL BE CONSTRUCTED AND STABILIZED PRIOR TO ANY TYPICAL EARTH-DISTURBED ACTIVITIES WITHIN THE RESPECTIVE DRAINAGE AREA.
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8. CONSTRUCT CONCRETE WASHOUT AT LOCATION COORDINATED WITH CONTRACTOR, SEE DETAIL 1 ON DWG HMY-C-556-05.



KEYPLAN
NTS

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 | CONTRACT: 8110

BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Co, Inc.
Firm License No. 016PE

EROSION & SEDIMENT CONTROL
ENLARGED PLAN 03

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
LEAD ENG	B. SVOR
ENG MGR	D. REASOR
PROJ MGR	C. GARNER

DRAWING NUMBER	REV
HMY-C-552-04	0

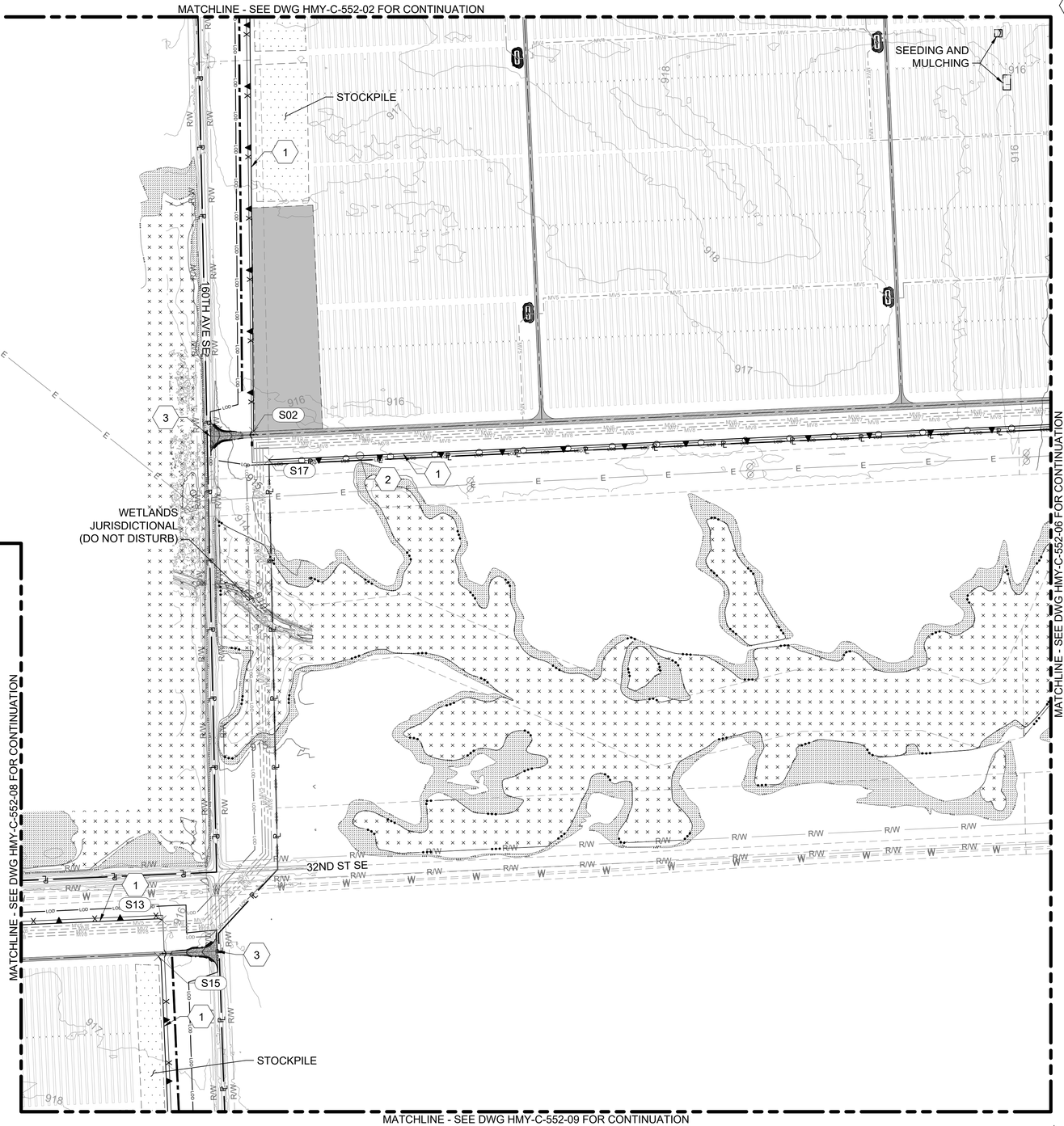
ISSUED FOR CONSTRUCTION

NORTH

0 200' 400'
SCALE IN FEET

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA
05/29/2026

MAY 29, 2026 - 12:04pm DRAWING NAME: C:\Users\jmhampton\DC\ACCDocs\BMcD ENR\Geronimo-Harmony\Solar\Project Files\2_Dsgn\Civil\Dwgs\HMY-C-552-04.dwg

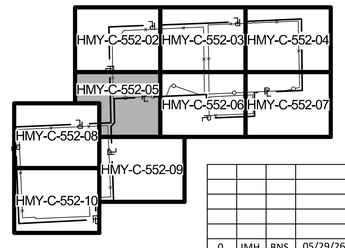


KEY NOTES (WHERE APPLICABLE):

1. SILT FENCE - DRAWING HMY-C-556-04 DETAIL 1.
2. SILT FENCE OUTLET - DRAWING HMY-C-556-04 DETAIL 2.
3. STABILIZED CONSTRUCTION ENTRANCE - DRAWING HMY-C-556-05 TYPE 2 UNO.
4. EROSION CONTROL MATTING - DRAWING HMY-C-556-06 DETAIL 1.

GENERAL NOTES:

1. ALL PERIMETER CONTROLS SHALL BE CONSTRUCTED AND STABILIZED PRIOR TO ANY TYPICAL EARTH-DISTURBED ACTIVITIES WITHIN THE RESPECTIVE DRAINAGE AREA.
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8. CONSTRUCT CONCRETE WASHOUT AT LOCATION COORDINATED WITH CONTRACTOR, SEE DETAIL 1 ON DWG HMY-C-556-05.



KEYPLAN
NTS

ISSUED FOR CONSTRUCTION

NORTH

0 200' 400'
SCALE IN FEET

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA
05/29/2026

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 | CONTRACT: 8110

BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Co, Inc.
Firm License No. 016PE

EROSION & SEDIMENT CONTROL
ENLARGED PLAN 04

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
LEAD ENG	B. SVOR
ENG MGR	D. REASOR
PROJ MGR	C. GARNER

DRAWING NUMBER: HMY-C-552-05 | REV: 0

MAY 29, 2026 - 12:25pm DRAWING NAME: C:\Users\jmhampton\DC\ACCDocs\BMcD ENR\Geronimo-Harmony5olar\Project Files\2_Dsgn\Civil\Dwgs\HMY-C-552-05.dwg

MATCHLINE - SEE DWG HMY-C-552-03 FOR CONTINUATION

MATCHLINE - SEE DWG HMY-C-552-05 FOR CONTINUATION

MATCHLINE - SEE DWG HMY-C-552-07 FOR CONTINUATION

MATCHLINE - SEE DWG HMY-C-552-09 FOR CONTINUATION

STOCKPILE, TYP.

SEEDING AND MULCHING, TYP.

WETLAND JURISDICTIONAL (DO NOT DISTURB)

FEMA FLOOD ZONE (X), TYP.

161ST AVE SE

32ND ST SE

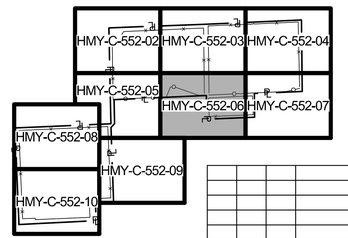
S18 S19 S20 S21 S22 S23 S24 S25

KEY NOTES (WHERE APPLICABLE):

1. SILT FENCE - DRAWING HMY-C-556-04 DETAIL 1.
2. SILT FENCE OUTLET - DRAWING HMY-C-556-04 DETAIL 2.
3. STABILIZED CONSTRUCTION ENTRANCE - DRAWING HMY-C-556-05 TYPE 2 UNO.
4. EROSION CONTROL MATTING - DRAWING HMY-C-556-06 DETAIL 1.

GENERAL NOTES:

1. ALL PERIMETER CONTROLS SHALL BE CONSTRUCTED AND STABILIZED PRIOR TO ANY TYPICAL EARTH-DISTURBED ACTIVITIES WITHIN THE RESPECTIVE DRAINAGE AREA.
2. ADDITIONAL BMPS SHALL BE INSTALLED AS REQUIRED TO MITIGATE SEDIMENTATION SHALL BE INSTALLED AS REQUIRED TO MITIGATE SEDIMENTATION AND EROSION DURING CONSTRUCTION. EROSION & SEDIMENT CONTROL DRAWINGS MUST BE REDLINED IN THE SWPPP.
3. ALL DISTURBED AREAS SHALL BE STABILIZED PER EROSION CONTROL NOTES IMMEDIATELY AFTER CONSTRUCTION ACTIVITIES CEASE IN ANY PORTION OF THE SITE AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 DAYS.
4. ALL CLEARED AREAS SHALL BE SEEDED PER EROSION CONTROL NOTES.
5. GENERAL MAINTENANCE OF EROSION CONTROL ITEMS IS REQUIRED. SEE GENERAL DETAILS AND SWPPP FOR SPECIFIC MAINTENANCE REQUIREMENTS.
6. EROSION CONTROL MATTING MAY BE INSTALLED AS NEEDED IN LOCATIONS THAT EXPERIENCE SOIL EROSION DUE TO CONCENTRATED FLOW. EROSION CONTROL MAT PRODUCT SHALL BE INSTALLED PER MANUFACTURERS RECOMMENDATIONS.
7. TEMPORARY STOCKPILE LOCATIONS SHOWN ARE SUGGESTIONS TO BE COORDINATED WITH CONTRACTOR. SILT FENCE OR ENGINEER APPROVED EQUIVALENT SHALL BE INSTALLED DOWNGRADE FROM STOCKPILES. STOCKPILES REMAINING INACTIVE FOR 14 DAYS SHALL BE SEEDED WITH TEMPORARY SEED.
8. CONSTRUCT CONCRETE WASHOUT AT LOCATION COORDINATED WITH CONTRACTOR, SEE DETAIL 1 ON DWG HMY-C-556-05.



KEYPLAN
NTS

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 | CONTRACT: 8110

BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Co, Inc.
Firm License No. 016PE

EROSION & SEDIMENT CONTROL
ENLARGED PLAN 05

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
LEAD ENG	B. SVOR
ENG MGR	D. REASOR
PROJ MGR	C. GARNER

DRAWING NUMBER: HMY-C-552-06 | REV: 0

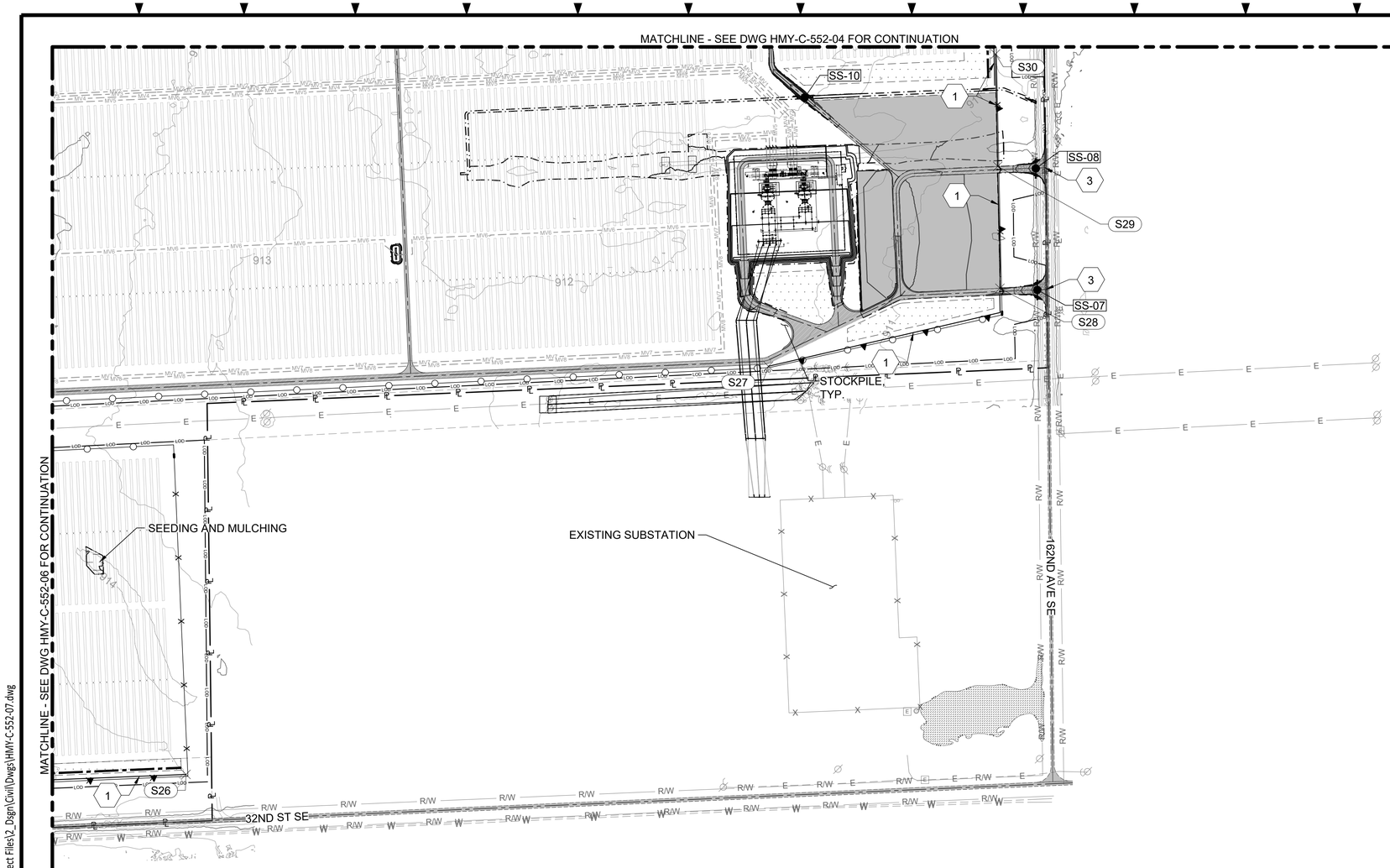
ISSUED FOR CONSTRUCTION

NORTH

0 200' 400'
SCALE IN FEET

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA
05/29/2026

MAY 29, 2026 - 12:27pm DRAWING NAME: C:\Users\jmhampton\DC\ACCDocs\BMcD ENR\Geronimo-HarmonySolar\Project Files\2_Dsgn\Civil\Dwgs\HMY-C-552-06.dwg

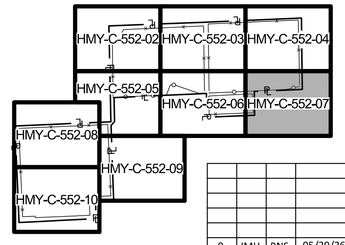


KEY NOTES (WHERE APPLICABLE):

1. SILT FENCE - DRAWING HMY-C-556-04 DETAIL 1.
2. SILT FENCE OUTLET - DRAWING HMY-C-556-04 DETAIL 2.
3. STABILIZED CONSTRUCTION ENTRANCE - DRAWING HMY-C-556-05 TYPE 2 UNO.
4. EROSION CONTROL MATTING - DRAWING HMY-C-556-06 DETAIL 1.

GENERAL NOTES:

1. ALL PERIMETER CONTROLS SHALL BE CONSTRUCTED AND STABILIZED PRIOR TO ANY TYPICAL EARTH-DISTURBED ACTIVITIES WITHIN THE RESPECTIVE DRAINAGE AREA.
2. ADDITIONAL BMPS SHALL BE INSTALLED AS REQUIRED TO MITIGATE SEDIMENTATION SHALL BE INSTALLED AS REQUIRED TO MITIGATE SEDIMENTATION AND EROSION DURING CONSTRUCTION. EROSION & SEDIMENT CONTROL DRAWINGS MUST BE REDLINED IN THE SWPPP.
3. ALL DISTURBED AREAS SHALL BE STABILIZED PER EROSION CONTROL NOTES IMMEDIATELY AFTER CONSTRUCTION ACTIVITIES CEASE IN ANY PORTION OF THE SITE AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 DAYS.
4. ALL CLEARED AREAS SHALL BE SEEDED PER EROSION CONTROL NOTES.
5. GENERAL MAINTENANCE OF EROSION CONTROL ITEMS IS REQUIRED. SEE GENERAL DETAILS AND SWPPP FOR SPECIFIC MAINTENANCE REQUIREMENTS.
6. EROSION CONTROL MATTING MAY BE INSTALLED AS NEEDED IN LOCATIONS THAT EXPERIENCE SOIL EROSION DUE TO CONCENTRATED FLOW. EROSION CONTROL MAT PRODUCT SHALL BE INSTALLED PER MANUFACTURERS RECOMMENDATIONS.
7. TEMPORARY STOCKPILE LOCATIONS SHOWN ARE SUGGESTIONS TO BE COORDINATED WITH CONTRACTOR. SILT FENCE OR ENGINEER APPROVED EQUIVALENT SHALL BE INSTALLED DOWNGRADE FROM STOCKPILES. STOCKPILES REMAINING INACTIVE FOR 14 DAYS SHALL BE SEEDED WITH TEMPORARY SEED.
8. CONSTRUCT CONCRETE WASHOUT AT LOCATION COORDINATED WITH CONTRACTOR, SEE DETAIL 1 ON DWG HMY-C-556-05.



KEYPLAN
NTS

ISSUED FOR CONSTRUCTION

NORTH

0 200' 400'
SCALE IN FEET

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA
05/29/2026

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 | CONTRACT: 8110

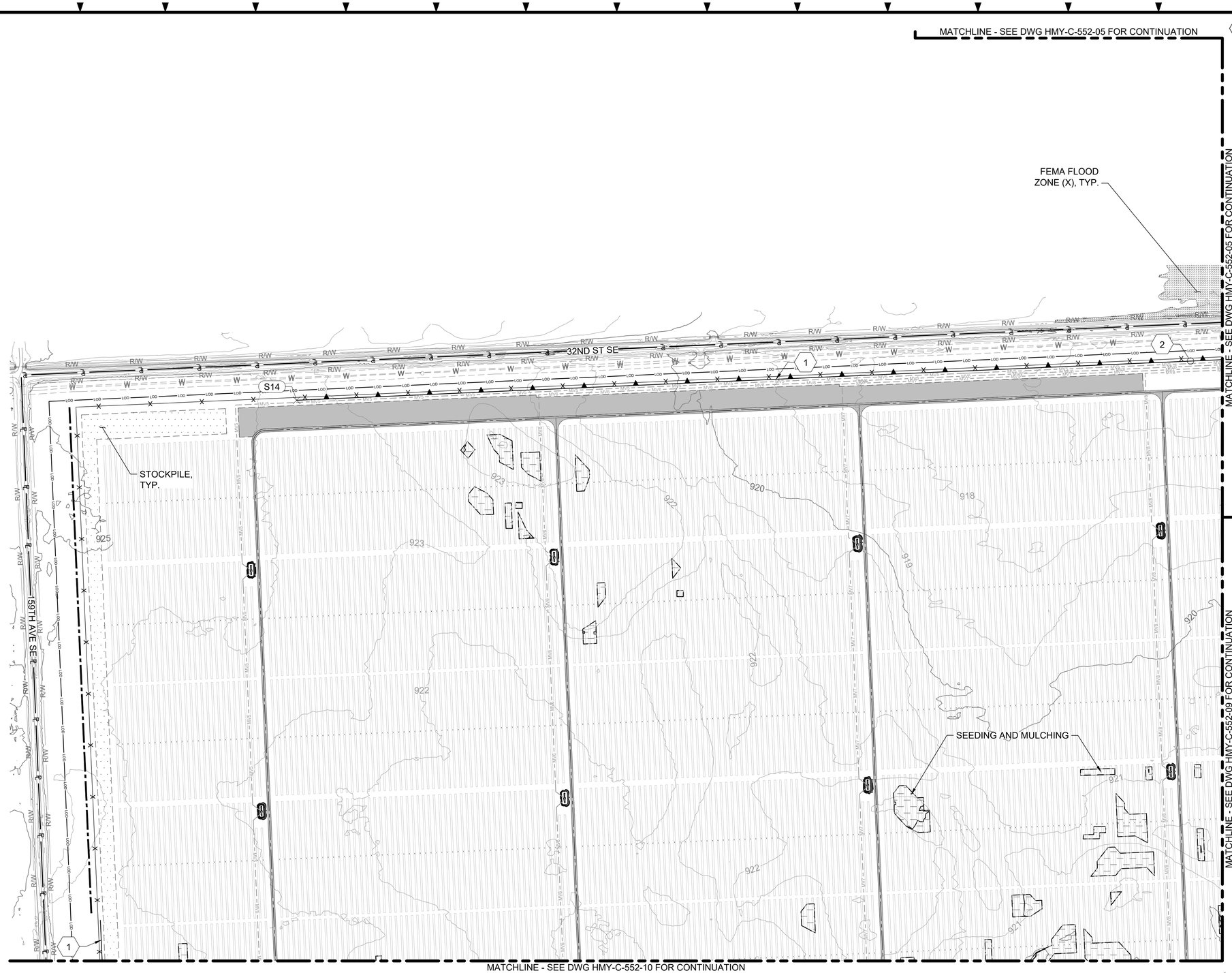
BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Co, Inc.
Firm License No. 016PE

EROSION & SEDIMENT CONTROL
ENLARGED PLAN 06

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
LEAD ENG	B. SVOR
ENG MGR	D. REASOR
PROJ MGR	C. GARNER

DRAWING NUMBER	REV
HMY-C-552-07	0

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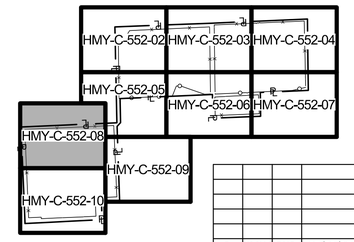


KEY NOTES (WHERE APPLICABLE):

1. SILT FENCE - DRAWING HMY-C-556-04 DETAIL 1.
2. SILT FENCE OUTLET - DRAWING HMY-C-556-04 DETAIL 2.
3. STABILIZED CONSTRUCTION ENTRANCE - DRAWING HMY-C-556-05 TYPE 2 UNO.
4. EROSION CONTROL MATTING - DRAWING HMY-C-556-06 DETAIL 1.

GENERAL NOTES:

1. ALL PERIMETER CONTROLS SHALL BE CONSTRUCTED AND STABILIZED PRIOR TO ANY TYPICAL EARTH-DISTURBED ACTIVITIES WITHIN THE RESPECTIVE DRAINAGE AREA.
2. ADDITIONAL BMPS SHALL BE INSTALLED AS REQUIRED TO MITIGATE SEDIMENTATION SHALL BE INSTALLED AS REQUIRED TO MITIGATE SEDIMENTATION AND EROSION DURING CONSTRUCTION. EROSION & SEDIMENT CONTROL DRAWINGS MUST BE REDLINED IN THE SWPPP.
3. ALL DISTURBED AREAS SHALL BE STABILIZED PER EROSION CONTROL NOTES IMMEDIATELY AFTER CONSTRUCTION ACTIVITIES CEASE IN ANY PORTION OF THE SITE AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 DAYS.
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8. CONSTRUCT CONCRETE WASHOUT AT LOCATION COORDINATED WITH CONTRACTOR, SEE DETAIL 1 ON DWG HMY-C-556-05.



KEYPLAN
NTS

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 | CONTRACT: 8110

BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Co, Inc.
Firm License No. 016PE

EROSION & SEDIMENT CONTROL
ENLARGED PLAN 07

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
LEAD ENG	B. SVOR
ENG MGR	D. REASOR
PROJ MGR	C. GARNER

DRAWING NUMBER: HMY-C-552-08 | REV: 0

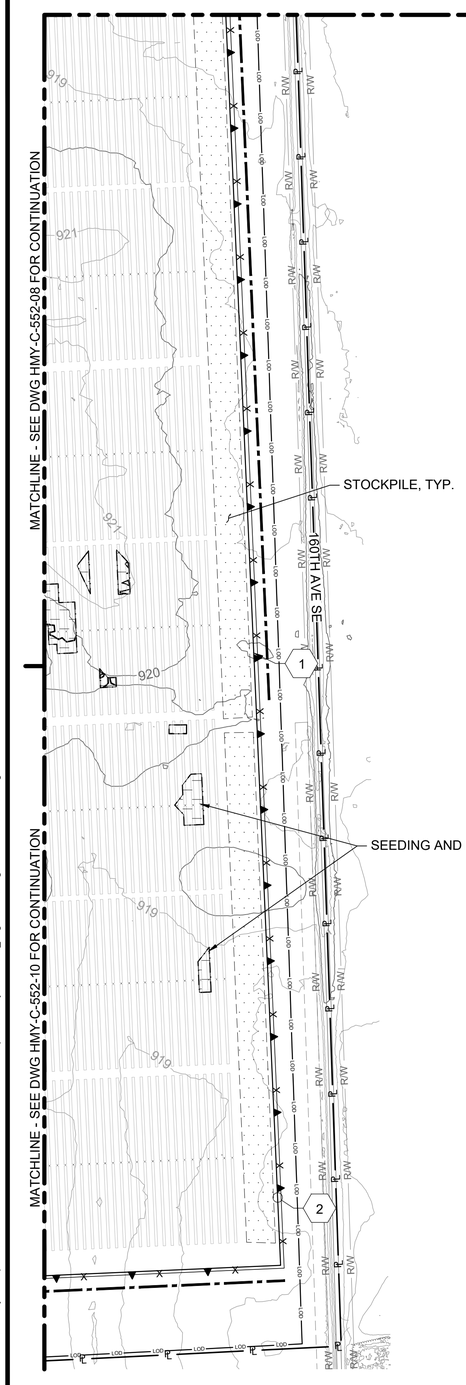
ISSUED FOR CONSTRUCTION

NORTH

0 200' 400'
SCALE IN FEET

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA
05/29/2026

MAY 29, 2026 - 12:08pm DRAWING NAME: C:\Users\jmhampton\DC\ACCDocs\BMcD ENR\Geronimo-Harmony5olar\Project Files\2_Dsgn\Civil\Dwgs\HMY-C-552-08.dwg

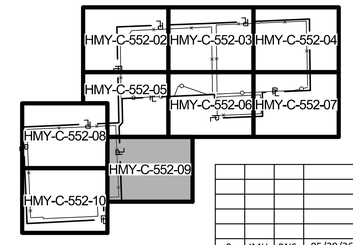


KEY NOTES (WHERE APPLICABLE):

1. SILT FENCE - DRAWING HMY-C-556-04 DETAIL 1.
2. SILT FENCE OUTLET - DRAWING HMY-C-556-04 DETAIL 2.
3. STABILIZED CONSTRUCTION ENTRANCE - DRAWING HMY-C-556-05 TYPE 2 UNO.
4. EROSION CONTROL MATTING - DRAWING HMY-C-556-06 DETAIL 1.

GENERAL NOTES:

1. ALL PERIMETER CONTROLS SHALL BE CONSTRUCTED AND STABILIZED PRIOR TO ANY TYPICAL EARTH-DISTURBED ACTIVITIES WITHIN THE RESPECTIVE DRAINAGE AREA.
2. ADDITIONAL BMPS SHALL BE INSTALLED AS REQUIRED TO MITIGATE SEDIMENTATION SHALL BE INSTALLED AS REQUIRED TO MITIGATE SEDIMENTATION AND EROSION DURING CONSTRUCTION. EROSION & SEDIMENT CONTROL DRAWINGS MUST BE REDLINED IN THE SWPPP.
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8. CONSTRUCT CONCRETE WASHOUT AT LOCATION COORDINATED WITH CONTRACTOR, SEE DETAIL 1 ON DWG HMY-C-556-05.



KEYPLAN
NTS

ISSUED FOR CONSTRUCTION

NORTH

0 200' 400'
SCALE IN FEET

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA
05/29/2026

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 | CONTRACT: 8110

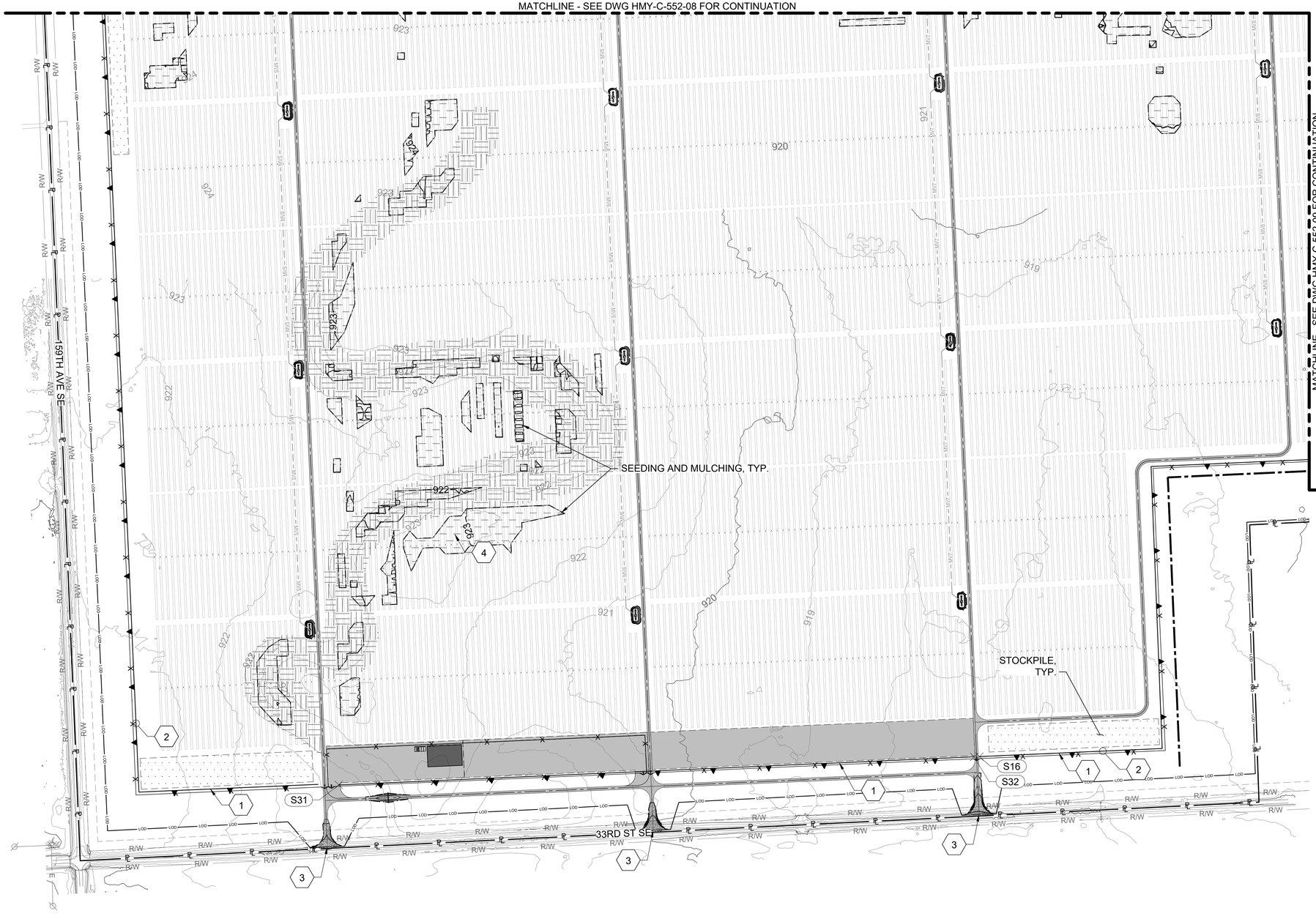
BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Co, Inc.
Firm License No. 016PE

EROSION & SEDIMENT CONTROL
ENLARGED PLAN 08

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
LEAD ENG	B. SVOR
ENG MGR	D. REASOR
PROJ MGR	C. GARNER

DRAWING NUMBER	REV
HMY-C-552-09	0

MAY 29, 2026 - 12:08pm DRAWING NAME: C:\Users\jmhampton\DC\ACCDocs\BMcD ENR\Geronimo-HarmonySolar\Project Files\2_Dsgn\Civil\Dwgs\HMY-C-552-09.dwg

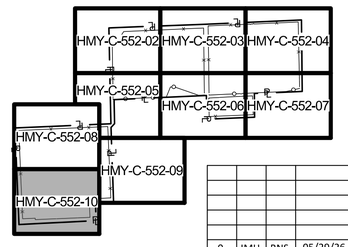


KEY NOTES (WHERE APPLICABLE):

1. SILT FENCE - DRAWING HMY-C-556-04 DETAIL 1.
2. SILT FENCE OUTLET - DRAWING HMY-C-556-04 DETAIL 2.
3. STABILIZED CONSTRUCTION ENTRANCE - DRAWING HMY-C-556-05 TYPE 2 UNO.
4. EROSION CONTROL MATTING - DRAWING HMY-C-556-06 DETAIL 1.

GENERAL NOTES:

1. ALL PERIMETER CONTROLS SHALL BE CONSTRUCTED AND STABILIZED PRIOR TO ANY TYPICAL EARTH-DISTURBED ACTIVITIES WITHIN THE RESPECTIVE DRAINAGE AREA.
2. ADDITIONAL BMPS SHALL BE INSTALLED AS REQUIRED TO MITIGATE SEDIMENTATION SHALL BE INSTALLED AS REQUIRED TO MITIGATE SEDIMENTATION AND EROSION DURING CONSTRUCTION. EROSION & SEDIMENT CONTROL DRAWINGS MUST BE REDLINED IN THE SWPPP.
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8. CONSTRUCT CONCRETE WASHOUT AT LOCATION COORDINATED WITH CONTRACTOR, SEE DETAIL 1 ON DWG HMY-C-556-05.



KEYPLAN
NTS

ISSUED FOR CONSTRUCTION

NORTH

0 200' 400'
SCALE IN FEET

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA
05/29/2026

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 CONTRACT: 8110

BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Co, Inc.
Firm License No. 016PE

EROSION & SEDIMENT CONTROL
ENLARGED PLAN 09

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
LEAD ENG	B. SVOR
ENG MGR	D. REASOR
PROJ MGR	C. GARNER

DRAWING NUMBER: HMY-C-552-10 REV: 0

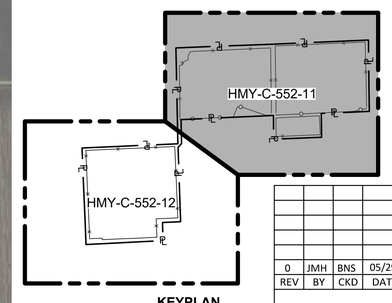
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NOTES:

1. DISTURBED AREAS OUTSIDE SEEDING LIMITS INDICATED SHALL RECEIVE MIXED NATIVE SEED PER SPECIFICATIONS.
2. SEEDING AREAS SHALL BE DEFINED BY SOLAR GRADING, TEMPORARY LAYDOWN YARD, AND TREE REMOVAL BOUNDARIES.

LEGEND:		TOTAL ACERAGE
MIXED NATIVE SEED		19.42 ACRES



KEYPLAN
NTS

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 | CONTRACT: 8110

BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Co, Inc.
Firm License No. 016PE

EROSION & SEDIMENT CONTROL
PERMANENT SEEDING PLAN 01

ISSUED FOR CONSTRUCTION

NORTH

0 500' 1000'
SCALE IN FEET

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA
05/29/2026

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
LEAD ENG	B. SVOR
ENG MGR	D. REASOR
PROJ MGR	C. GARNER

DRAWING NUMBER	REV
HMY-C-552-11	0

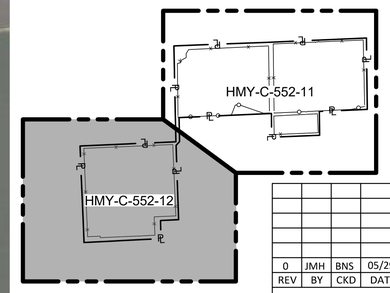
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NOTES:

1. DISTURBED AREAS OUTSIDE SEEDING LIMITS INDICATED SHALL RECEIVE MIXED NATIVE SEED PER SPECIFICATIONS.
2. SEEDING AREAS SHALL BE DEFINED BY SOLAR GRADING, TEMPORARY LAYDOWN YARD, AND TREE REMOVAL BOUNDARIES.

LEGEND:		TOTAL ACERAGE
MIXED NATIVE SEED		19.42 ACRES



KEYPLAN
NTS

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 | CONTRACT: 8110

BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Co, Inc.
Firm License No. 016PE

EROSION & SEDIMENT CONTROL
PERMANENT SEEDING PLAN 02

ISSUED FOR CONSTRUCTION

NORTH

0 500' 1000'
SCALE IN FEET

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA
05/29/2026

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
LEAD ENG	B. SVOR
ENG MGR	D. REASOR
PROJ MGR	C. GARNER

DRAWING NUMBER	REV
HMY-C-552-12	0

MAY 29, 2026 - 12:10pm DRAWING NAME: C:\Users\jmhampton\DC\ACCDocs\BMcD ENR\Geronimo-Harmony\Solar\Project Files\2_Dsgn\Civil\Dwgs\HMY-C-552-12.dwg

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S01	490205.08	2813542.89	SILT FENCE BP
S02	487342.32	2813568.90	SILT FENCE EP
S03	491075.28	2816314.12	SILT FENCE BP
S04	491220.05	2818085.41	SILT FENCE EP
S05	490956.37	2818547.74	SILT FENCE EP
S06	488774.10	2818580.23	SILT FENCE BP
S07	491351.82	2820122.21	SILT FENCE BP
S08	491402.18	2821283.19	SILT FENCE EP
S09	491399.23	2821094.41	SILT FENCE BP
S10	491401.58	2821175.13	SILT FENCE EP
S11	491405.18	2821350.69	SILT FENCE EP
S12	491434.19	2822003.07	SILT FENCE BP
S13	485747.04	2813268.89	SILT FENCE EP
S14	485573.79	2809221.45	SILT FENCE BP
S15	485627.76	2813258.47	SILT FENCE EP
S16	480722.01	2811620.58	SILT FENCE BP
S17	487249.20	2813618.64	SILT FENCE BP
S18	487490.68	2818599.21	SILT FENCE EP
S19	487495.90	2818873.86	SILT FENCE EP
S20	487521.22	2819423.70	SILT FENCE BP
S21	487522.93	2819461.02	SILT FENCE BP
S22	487572.54	2820538.38	SILT FENCE EP
S23	486308.00	2818874.99	SILT FENCE BP
S24	486380.32	2820653.81	SILT FENCE EP
S25	486383.39	2820680.19	SILT FENCE EP
S26	486408.29	2821292.55	SILT FENCE BP
S27	487691.57	2823123.95	SILT FENCE BP
S28	487936.63	2823851.96	SILT FENCE EP
S29	488320.08	2823844.93	SILT FENCE EP
S30	488673.21	2823838.19	SILT FENCE BP
S31	480620.00	2809311.47	SILT FENCE BP
S32	480721.18	2811601.67	SILT FENCE EP

ISSUED FOR CONSTRUCTION

NO SCALE

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA
05/29/2026

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

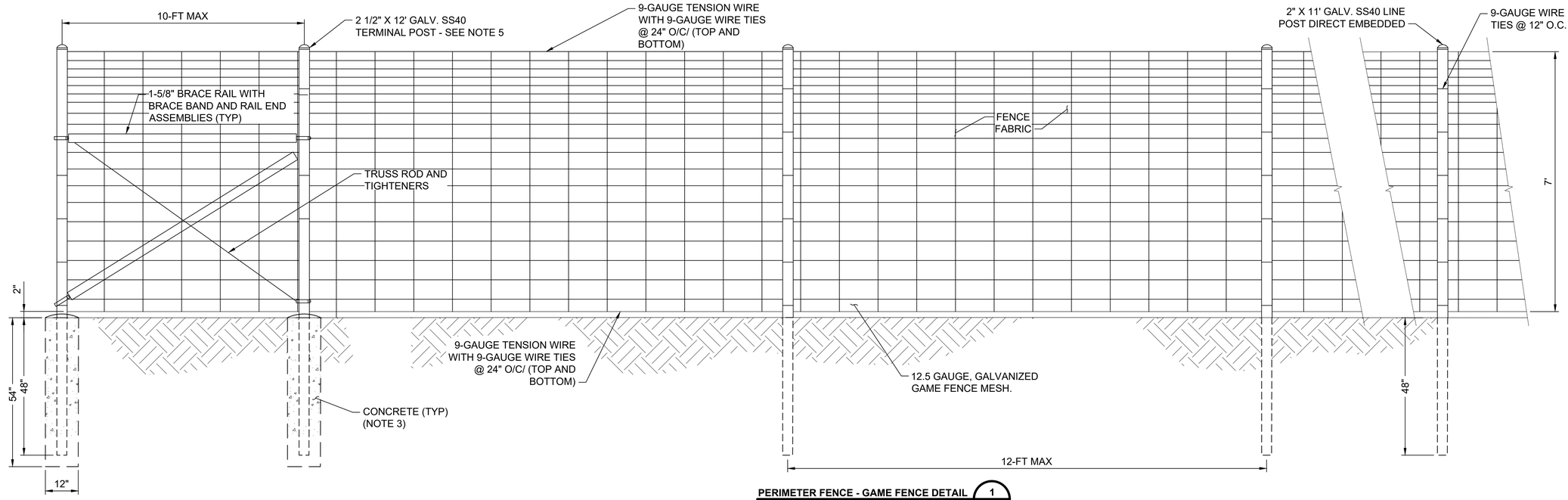
PROJECT: 186521 | CONTRACT: 8110

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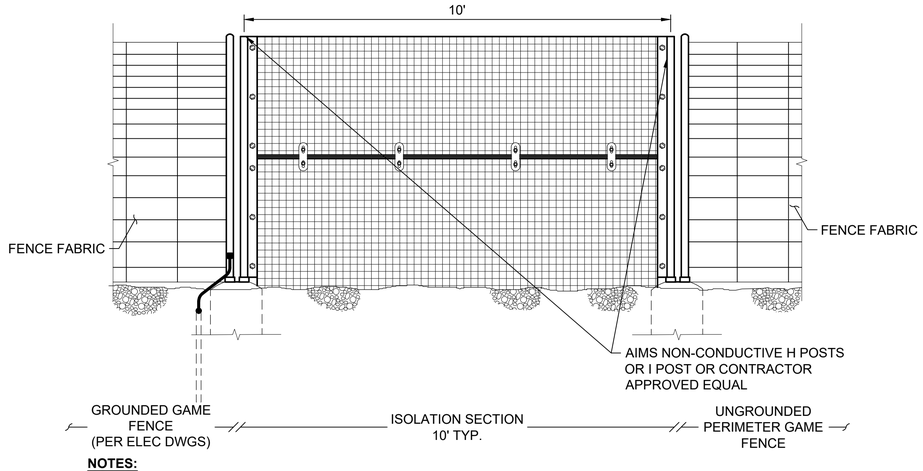
EROSION & SEDIMENT CONTROL
POINT TABLE 01

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER	DRAWING NUMBER	REV
LEAD ENG	B. SVOR	HMY-C-552-13	0
ENG MGR	D. REASOR		
PROJ MGR	C. GARNER		

MAY 29, 2026 - 12:10pm DRAWING NAME: C:\Users\jmhampton\DC\ACCDocs\BMcD ENR\Geronimo-HarmonySolar\Project Files\2_Dsgn\Civil\Dwgs\HMY-C-552-13.dwg



PERIMETER FENCE - GAME FENCE DETAIL 1
NOT TO SCALE



NOTES:

1. NO METALLIC TIES SHALL EXIST BETWEEN GROUNDED AND UNGROUNDED SECTION OF FENCE. DO NOT CONNNECT THE FENCE IN ANY MANNER WITHIN THE FOUNDATION.
2. UTILIZE AIMS COMPOSITES ENC SECURITY FENCE - SQUARE MESH OR ENGINEER-APPROVED EQUAL FOR THE MATERIAL. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
3. WIDEN POSTS EMBEDDED IN CONCRETE FOUNDATIONS AS REQUIRED TO INCLUDE ISOLATION SECTION.

TYPICAL FENCE ISOLATION PANEL DETAIL 2
NOT TO SCALE

NOTES:

1. PERIMETER FENCE GROUNDING PER ELECTRICAL DRAWINGS.
2. SUBMIT SHOP DRAWINGS FOR OWNER AND CONTRACTOR APPROVAL PRIOR TO PROCURING FENCE MATERIALS.
3. CONCRETE MUST BE CLASS YE PER NDDOT STANDARD SPECIFICATIONS. TOPS OF FOOTINGS MUST BE TROWEL-FINISHED AND DOMED TO DIRECT WATER AWAY FROM POSTS.
4. DETAILS SHOWN ARE TO CLARIFY REQUIREMENTS AND ARE NOT INTENDED TO LIMIT THE METHOD OF INSTALLATION TO ONE MANUFACTURER.
5. INSTALL BRACE SECTIONS EVERY 660-FT, END OF FABRIC ROLL OR OTHER LENGTH APPROVED BY THE ENGINEER, 15° CHANGE, GATES, CORNERS, OR FENCE END.
6. INDICATED REQUIREMENTS ARE PROVIDED FOR GUIDANCE AND ARE NOT INTENDED TO LIMIT METHOD OF INSTALLATION TO ONE MANUFACTURER. INSTALL APPROVED FENCE PER MANUFACTURER'S RECOMMENDATIONS.



NOTICE AUTHORIZED PERSONNEL ONLY

TO BE PLACED AT ENTRANCE GATES AND ALONG PERIMETER FENCE EVERY 200-FT AND ALSO AT LOCATIONS OF UNDERGROUND CABLE CROSSING PERIMETER FENCE.
10" X 14"



DANGER HIGH VOLTAGE

TO BE PLACED AT ENTRANCE GATES AND ALONG PERIMETER FENCE EVERY 200-FT AND ALSO AT LOCATIONS OF UNDERGROUND CABLE CROSSING PERIMETER FENCE.
10" X 14"

SIGN NOTES:

1. INSTALL SIGNS WITH MIN 14 GA ALUMINUM WIRE.
2. CENTER OF SIGN MUST BE 5-FT ABOVE GRADE.
3. ALL SIGNS MUST BE UV STABILIZED. ALL TEXT HEADERS MUST BE 3/8" HEIGHT (MIN). BODY TEXT MUST BE 3/16" HEIGHT (MIN). REFERENCE ANSI Z535.4, PRODUCT SAFETY SIGNS AND LABELS, FOR MINIMUM REQUIREMENTS RELATED TO DURABILITY.

PERIMETER FENCE SAFETY SIGNAGE DETAIL 3
NOT TO SCALE

ISSUED FOR CONSTRUCTION

NO SCALE

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA
05/29/2026

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

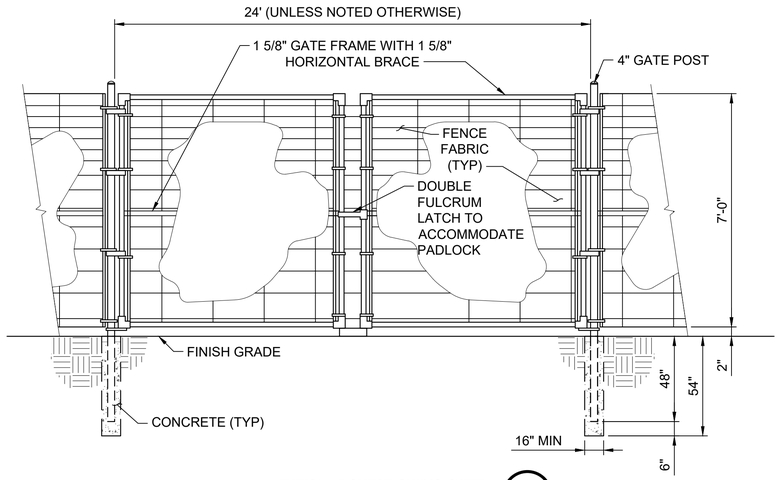
PROJECT: 186521 | CONTRACT: 8110

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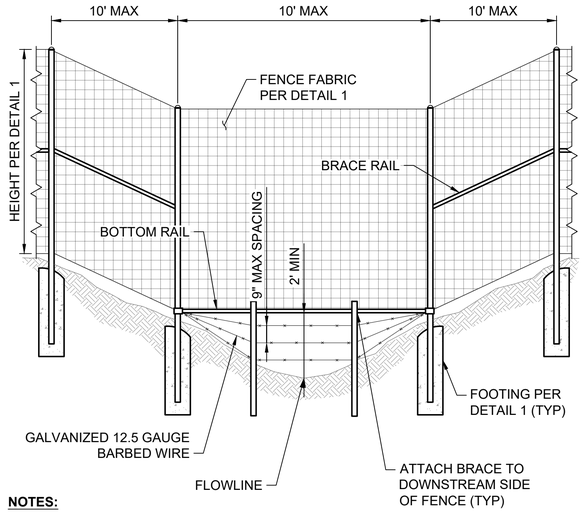
SITE IMPROVEMENTS & GRADING
FENCE DETAILS 01

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER	DRAWING NUMBER	REV
LEAD ENG	B. SVOR	HMY-C-556-01	0
ENG MGR	D. REASOR		
PROJ MGR	C. GARNER		

MAY 29, 2026 - 12:34pm DRAWING NAME: C:\Users\jmhampton\DC\ACCDocs\BMcD ENR\Geronimo-HarmonySolar\Project Files\2_Dsgn\Civil\Dwgs\HMY-C-556-01.dwg



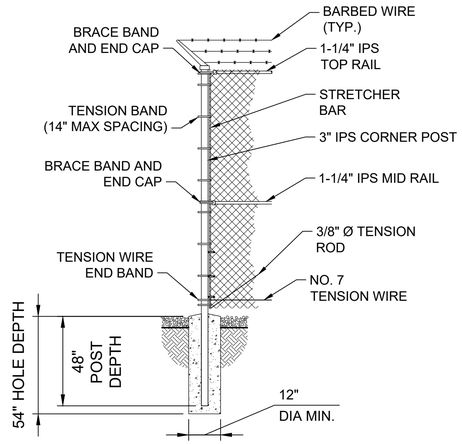
TYPICAL DOUBLE SWING GATE — 1 / - — NOT TO SCALE



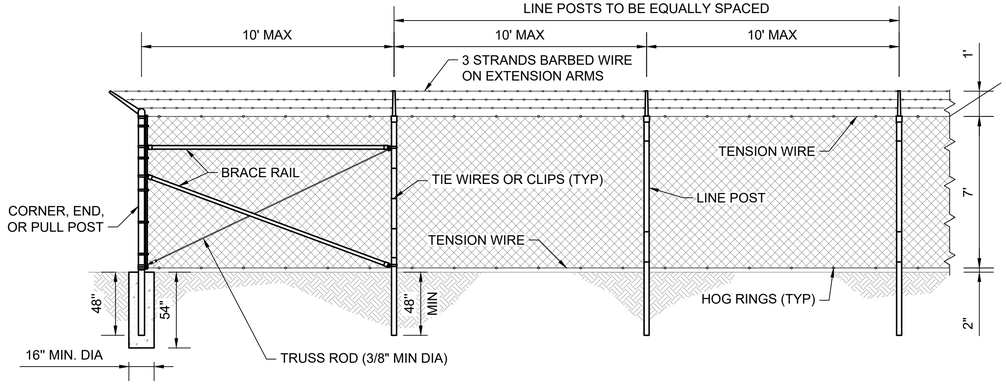
NOTES:

1. FOR DITCHES SHALLOWER THAN 24", INSTALL A ROCK CHECK DAM BENEATH FENCE SUCH THAT TOP OF CHECK DAM IS 6" BELOW THE BOTTOM OF THE FENCE. TOP OF CHECK DAM SHALL BE EXTENDED A MINIMUM OF 2' PAST BOTH SIDES OF FENCE. BOTTOM RAIL CAN BE OMITTED IN THESE INSTANCES.

TYPICAL FENCE DITCH CROSSING DETAIL TYPE 1 — 2 / - — NOT TO SCALE



PERIMETER FENCE - CHAINLINK FENCE CORNER & PULL POST — 3 / - — NOT TO SCALE



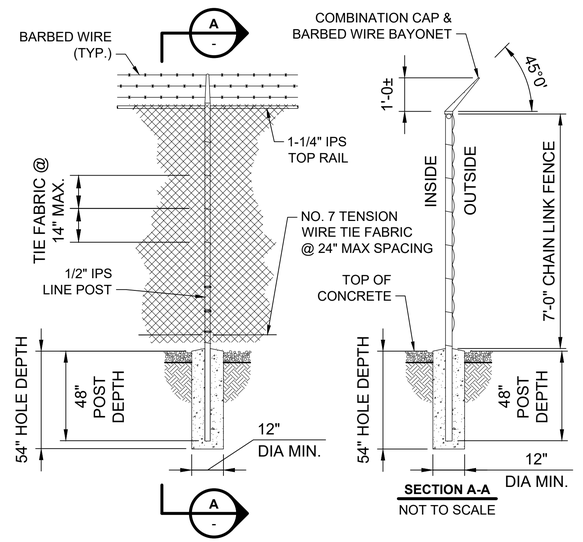
NOTES:

1. WIRE TIES, RAILS, POSTS, AND BRACES SHALL BE CONSTRUCTED ON THE SECURE SIDE OF THE FENCE ALIGNMENT. CHAIN-LINK FABRIC SHALL BE PLACED ON THE OPPOSITE SIDE OF THE SECURE AREA.
2. SUBCONTRACTOR TO SUBMIT SHOP DRAWINGS FOR CONTRACTOR APPROVAL PRIOR TO PROCURING FENCE MATERIALS.
3. CORNER, END, PULL, AND GATE POSTS SHALL BE EMBEDDED IN CONCRETE. LINE POSTS MAY BE DIRECT EMBEDDED IN GROUND.
4. DETAILS SHOWN ARE TO CLARIFY REQUIREMENTS AND ARE NOT INTENDED TO LIMIT METHOD OF INSTALLATION TO ONE MANUFACTURER.
5. SEE ELECTRICAL DRAWINGS FOR FENCE GROUNDING REQUIREMENTS (IF ANY).
6. CONCRETE MUST BE CLASS YE PER NDDOT STANDARDS SPECIFICATIONS.
7. ALL STEEL OR MALLEABLE IRON PARTS AND ACCESSORIES SHALL BE HOT DIP GALVANIZED PER ASTM A123 AFTER FABRICATION.
8. FABRIC SHALL BE GALVANIZED PER ASTM A392, CLASS 1; TWISTED SELVAGE ON BOTTOM, KNUCKLED SELVAGE ON TOP.
9. STEEL PIPE POSTS SHALL BE ASTM F1083 STANDARD WEIGHT (SCH 40).

STEEL POST SCHEDULE

USE	SECTION	MINIMUM OUTSIDE DIMENSIONS (NOMINAL)
CORNER, END & PULL POSTS	TUBULAR - ROUND	2.875" O.D.
LINE POSTS	TUBULAR - ROUND	2.375" O.D.
TOP, BOTTOM & BRACE RAILS	TUBULAR - ROUND	1.66" O.D.

TYPICAL CHAIN LINK FENCE DETAIL — 4 / - — NOT TO SCALE



SECTION A-A — NOT TO SCALE

PERIMETER FENCE - INTERMEDIATE/LINE POST — 5 / - — NOT TO SCALE

ISSUED FOR CONSTRUCTION

NOT TO SCALE

REGISTERED PROFESSIONAL ENGINEER — BRETT SVOR PE-42122 — DATE — NORTH DAKOTA

05/29/2026

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0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 — CONTRACT: 8110

geronimo power

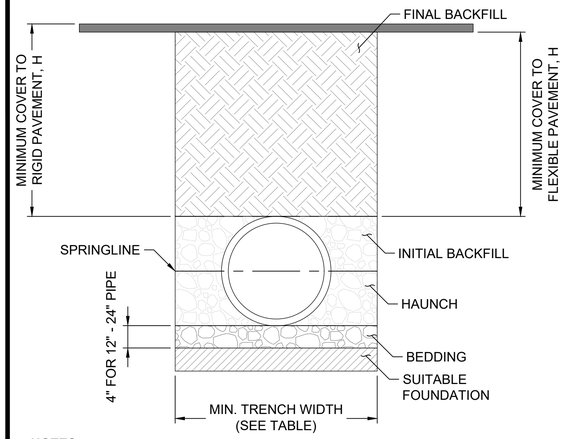
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816-333-9400
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SITE IMPROVEMENTS & GRADING
FENCE DETAILS 02

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
LEAD ENG	B. SVOR
ENG MGR	D. REASOR
PROJ MGR	C. GARNER

DRAWING NUMBER: HMY-C-556-02 — REV: 0

MAY 29, 2026 - 11:58am DRAWING NAME: C:\Users\jmhampton\DC\ACCDocs\BMcD ENR\Geronimo-Harmony5olar\Project Files\2_Dsgn\Civil\Dwgs\HMY-C-556-02.dwg



RECOMMENDED MINIMUM TRENCH WIDTHS	
PIPE DIAM.	MIN. TRENCH WIDTH
12" (300mm)	30" (762mm)
15" (375mm)	34" (864mm)
18" (450mm)	39" (991mm)
24" (600mm)	48" (1219mm)
30" (750mm)	56" (1422mm)
36" (900mm)	64" (1626mm)
42" (1050mm)	72" (1829mm)
48" (1200mm)	80" (2032mm)
60" (1500mm)	96" (2438mm)

NOTES:

1. ALL PIPE SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D2321, "STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY FLOW APPLICATIONS", LATEST ADDITION.

2. MEASURES SHOULD BE TAKEN TO PREVENT MIGRATION OF NATIVE FINES INTO BACKFILL MATERIAL, WHEN REQUIRED.

3. **FOUNDATION:**
   3.1. WHERE THE TRENCH BOTTOM IS UNSTABLE, THE CONTRACTOR SHALL EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER AND REPLACE WITH SUITABLE MATERIAL AS SPECIFIED BY THE ENGINEER. AS AN ALTERNATIVE AND AT THE DISCRETION OF THE DESIGN ENGINEER, THE TRENCH BOTTOM MAY BE STABILIZED USING A GEOTEXTILE MATERIAL.

4. **BEDDING:**
   4.1. SUITABLE MATERIAL SHALL BE CLASS I, II, OR III. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. UNLESS OTHERWISE NOTED BY THE ENGINEER, MINIMUM BEDDING THICKNESS SHALL BE 4" (100mm) FOR 4" - 24" (100mm - 600mm).

5. **INITIAL BACKFILL:**
   5.1. SUITABLE MATERIAL SHALL BE CLASS I, II, OR III IN THE PIPE ZONE EXTENDING TO THE CROWN OF PIPE. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. MATERIAL SHALL BE INSTALLED AS REQUIRED IN ASTM D2321, LATEST EDITION.

6. **MINIMUM COVER:**
   6.1. MINIMUM COVER, H, IN NON-TRAFFIC APPLICATIONS (GRASS OR LANDSCAPE AREAS) IS 12" FROM THE TOP OF PIPE TO GROUND SURFACE. ADDITIONAL COVER MAY BE REQUIRED TO PREVENT FLOTATION. FOR TRAFFIC APPLICATIONS, MINIMUM COVER, H, IS 12" UP TO 48" DIAMETER PIPE, MEASURED FROM TOP OF PIPE TO BOTTOM OF FLEXIBLE PAVEMENT. FOR TRAFFIC APPLICATIONS WITH LESS THAN FOUR FEET OF COVER, EMBEDMENT OF THE PIPE SHALL BE USING ONLY A CLASS I OR CLASS II BACKFILL.

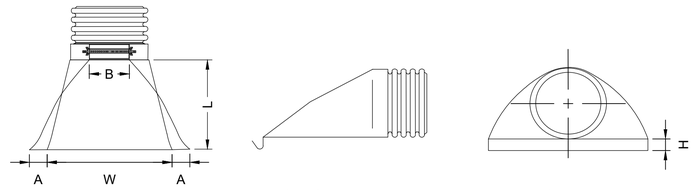
CHDPE TRENCH INSTALLATION DETAIL 1 / - — NOT TO SCALE

MINIMUM RECOMMENDED COVER BASED ON VEHICLE LOADING CONDITIONS*	
	SURFACE LIVE LOADING CONDITION
PIPE DIAM.	H-25
12" - 48" (300mm - 1200mm)	12" (305mm)

* SEE BACKFILL REQUIREMENTS IN NOTE 6.

MAXIMUM RECOMMENDED COVER BASED ON VEHICLE LOADING CONDITIONS				
PIPE DIAM.	CLASS I	CLASS II		CLASS III
	COMPACTED	95%	90%	95%
12" (300mm)	35 (10.7m)	24 (7.3m)	17 (5.2m)	17 (5.2m)
15" (375mm)	38 (11.6m)	25 (7.6m)	17 (5.2m)	18 (5.5m)
18" (450mm)	36 (11.0m)	24 (7.3m)	17 (5.2m)	17 (5.2m)
24" (600mm)	28 (8.5m)	20 (6.1m)	13 (4.0 m)	14 (4.3m)
30" (750mm)	28 (8.5m)	20 (6.1m)	13 (4.0 m)	14 (4.3m)
36" (900mm)	26 (7.9m)	18 (5.5m)	13 (4.0 m)	13 (4.0 m)
42" (1050mm)	23 (7.0m)	16 (4.9m)	11 (3.4m)	11 (3.4m)
48" (1200mm)	25 (7.6m)	17 (5.2m)	11 (3.4m)	12 (3.7m)
60" (1500mm)	25 (7.6m)	17 (5.2m)	11 (3.4m)	12 (3.7m)

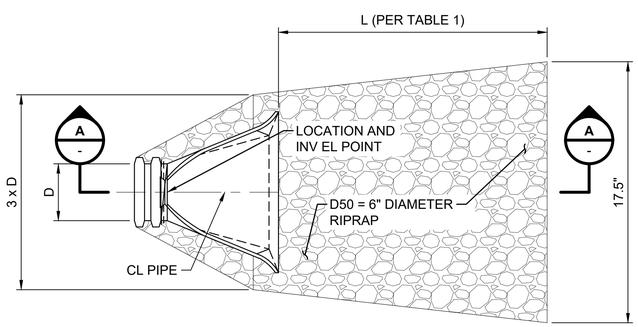
FILL HEIGHT TABLE GENERATED USING AASHTO SECTION 12, LOAD RESISTANCE FACTOR DESIGN (LRFD) PROCEDURE WITH THE FOLLOWING ASSUMPTIONS:
NO HYDROSTATIC PRESSURE,
UNIT WEIGHT OF SOIL (Ys) = 120 PCF



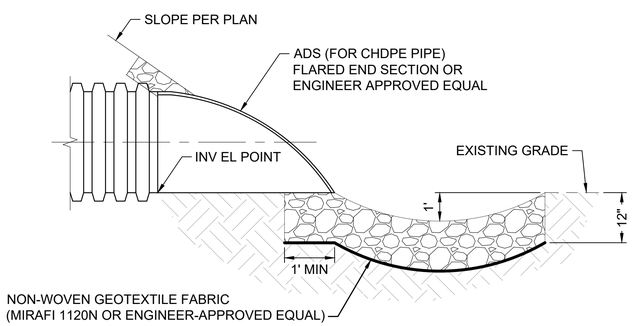
TOP VIEW NOT TO SCALE — **RIGHT SIDE VIEW** NOT TO SCALE — **FRONT VIEW** NOT TO SCALE

PART #	PIPE SIZE	A	B (MAX)	H	L	W
1215 NP	12 & 15 (300 & 375 mm)	6.5 in (165 mm)	10.0 in (250 mm)	6.5 in (165 mm)	25.0 in (635 mm)	29.0 in (737 mm)
1810 NP	18 in (457) mm	7.5 in (191 mm)	15.0 in (381 mm)	6.5 in (165 mm)	32.0 in (813 mm)	35.0 in (889 mm)
2410NP	24 in (600 mm)	7.5 in (191 mm)	18.0 in (457 mm)	6.5 in (165 mm)	36.0 in (914 mm)	45.0 in (1143 mm)
3015NP	30 in (750 mm)	7.5 in (191 mm)	12.0 in (305 mm)	8.6 in (218 mm)	58.0 in (1473 mm)	63.0 in (1600 mm)
3615NP	36.0 in (914 mm)	7.5 in (191 mm)	25.0 in (635 mm)	8.6 in (218 mm)	58.0 in (1473 mm)	63.0 in (1600 mm)

FLARED END SECTION 3 / - — NOT TO SCALE



PLAN NOT TO SCALE



SECTION A / - — NOT TO SCALE

TABLE 1 RIPRAP APRON LENGTH	
CULVERT DIAMETER (IN)	APRON LENGTH, L (FT)
15	5
18	6
24	8
30	10
36	12

RIPRAP OUTLET PROTECTION 2 / - — NOT TO SCALE

ISSUED FOR CONSTRUCTION

NOT TO SCALE

REGISTERED PROFESSIONAL ENGINEER — BRETT SVOR PE-42122 — DATE — NORTH DAKOTA

05/29/2026

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186526521 — CONTRACT: 8110

geronimo power

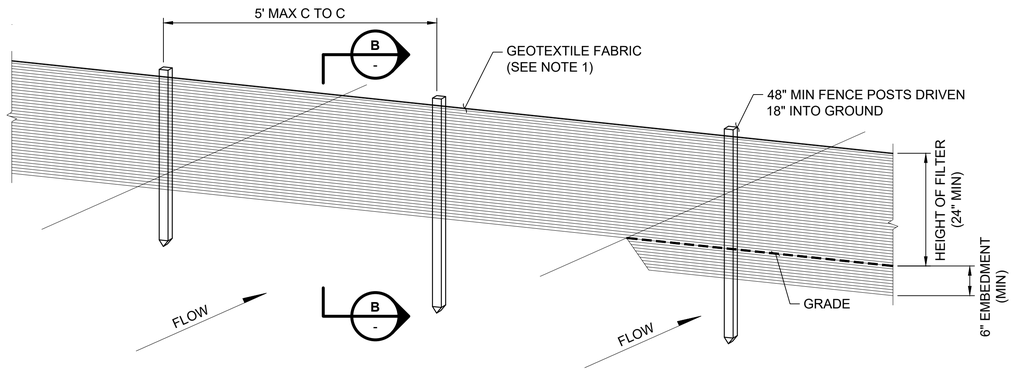
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9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
BURNS & MCDONNELL ENGINEERING CO., INC.
FIRM FACILITIES REGISTRY NO. 0018FS0006

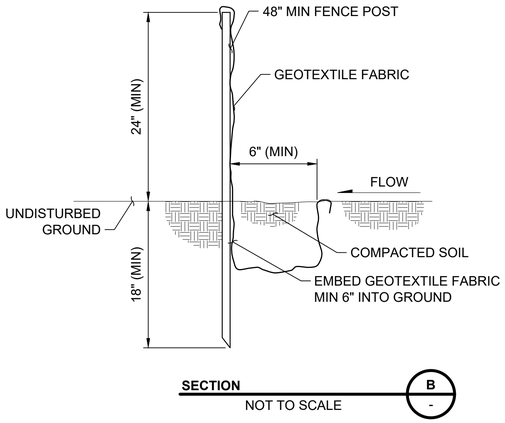
SITE IMPROVEMENTS & GRADING
CULVERT DETAILS

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
LEAD ENG	B. SVOR
ENG MGR	D. REASOR
PROJ MGR	C. GARNER

DRAWING NUMBER: HMY-C-556-03 — REV: 0

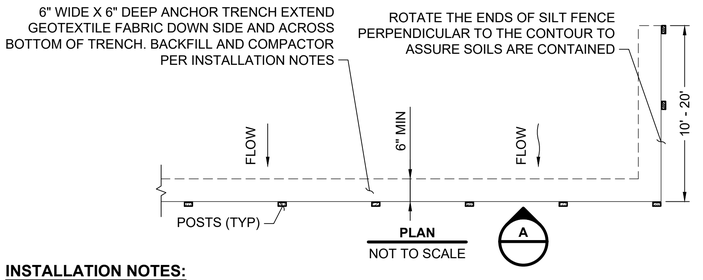
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SECTION B - NOT TO SCALE

SECTION A - NOT TO SCALE



NOTES:

1. WOVEN GEOTEXTILE FABRIC SHALL BE MIRAFI 140N OR ENGINEER APPROVED EQUAL.
2. POSTS TO BE 2X2 INCH OF SOUND QUALITY WOOD.

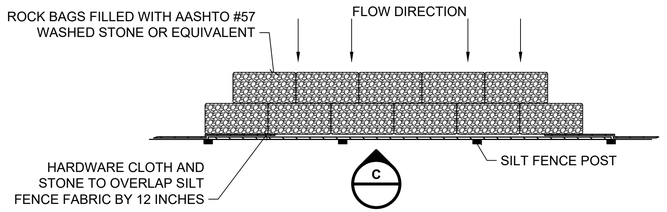
INSTALLATION NOTES:

1. SEE EROSION & SEDIMENT CONTROL PLAN FOR LOCATION OF SILT FENCE. IT IS POSSIBLE TO MODIFY LOCATIONS AND QUANTITIES WITH APPROVAL FROM CONTRACTOR.
2. INSTALL SILT FENCE PRIOR TO BEGINNING ANY LAND DISTURBING ACTIVITIES.
3. PLACE SILT FENCE AWAY FROM THE TOE OF A SLOPE TO ALLOW FOR WATER PONDING.
4. EXCAVATE ANCHOR TRENCH WITH A TRENCHER OR SILT FENCE INSTALLATION DEVICE. GRADERS, BACKHOES OR OTHER SIMILAR EQUIPMENT ARE NOT TO BE USED FOR INSTALLATION.
5. COMPACT ANCHOR TRENCH BACKFILL BY HAND WITH A "JUMPING JACK" OR BY WHEEL ROLLING. THE COMPACTION EFFORT MUST BE SUFFICIENT TO PREVENT THE SILT FENCE FROM BEING PULLED OUT BY HAND.
6. PULL FABRIC TIGHT AS IT IS ANCHORED TO THE POSTS SO THERE IS TO BE NO NOTICEABLE SAG BETWEEN POSTS AFTER INSTALLATION.
7. STAPLES USED TO ANCHOR FABRIC TO POSTS ARE TO BE 3/4" HEAVY DUTY STAPLES WITH 1/2" LEGS MINIMUM.
8. INSTALL SILT FENCE AS CLOSE TO ON THE CONTOUR AS POSSIBLE. AT THE END OF A SILT FENCE RUN, TURN THE SILT FENCE PERPENDICULAR TO THE CONTOUR TO CREATE A J-HOOK. THE EXTENSION OF THE PERPENDICULAR SECTION SHOULD BE A SUFFICIENT LENGTH TO PREVENT RUNOFF FROM FLOWING AROUND THE END OF THE SILT FENCE.

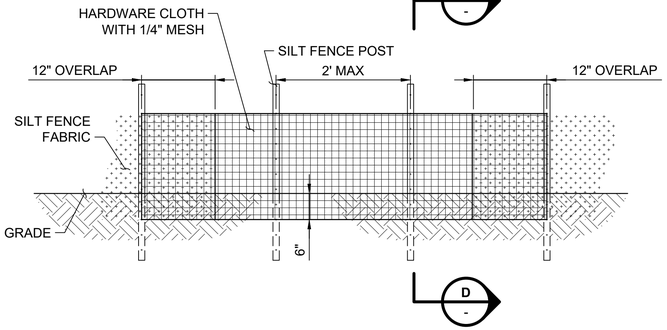
MAINTENANCE NOTES:

1. INSPECT AND REPAIR SILT FENCE AS REQUIRED PER THE SWPPP AND MAINTAIN IT IN AN EFFECTIVE CONDITION.
2. REMOVE SEDIMENT ACCUMULATED UPSTREAM OF SILT FENCE WHEN THE UPSTREAM SEDIMENT DEPTH IS GREATER THAN 1/3 THE HEIGHT OF THE SILT FENCE.
3. REPAIR OR REPLACE SILT FENCE WHEN THERE ARE SIGNS OF WEAR, SUCH AS SAGGING, TEARING OR COLLAPSE.
4. SILT FENCE MUST REMAIN IN PLACE UNTIL UPSTREAM DISTURBED AREA HAS BEEN STABILIZED OR IT IS REPLACED BY ANOTHER EQUIVALENT PERIMETER SEDIMENT CONTROL ONCE 70% PERMANENT VEGETATION COVER HAS BEEN ACHIEVED IN THE CONTRIBUTING DRAINAGE AREA.
5. REMOVE SILT FENCE AFTER 70% PERMANENT VEGETATION HAS BEEN ESTABLISHED. AFTER REMOVAL OF THE THE FABRIC AND POSTS, TOP-SOIL, SEED AND MULCH THE DISTURBED AREAS.

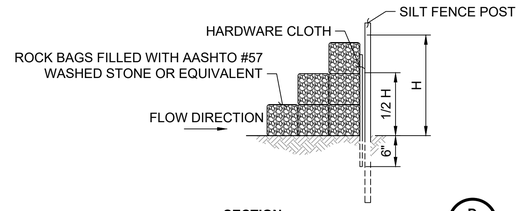
SILT FENCE DETAIL 1 - NOT TO SCALE



PLAN NOT TO SCALE



ELEVATION C - NOT TO SCALE



SECTION D - NOT TO SCALE

NOTES:

1. HARDWARE CLOTH AND STONE SHOULD OVERLAP THE SILT FENCE AT LEAST 12 INCHES.
2. BURY HARDWARE CLOTH AND SILT FENCE FABRIC 6 INCHES.
3. PLACE SILT FENCE OUTLETS AT ALL LOW POINTS.

MAINTENANCE:

1. KEEP HARDWARE CLOTH FREE OF DEBRIS TO FACILITATE ADEQUATE FLOW.
2. REMOVE SEDIMENT WHEN HALF OF STONE OUTLET IS COVERED.
3. REPLACE STONE AS NEEDED TO FACILITATE DE-WATERING.

SILT FENCE OUTLET DETAIL 2 - NOT TO SCALE

ISSUED FOR CONSTRUCTION

NOT TO SCALE

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA
05/29/2026

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 | CONTRACT: 8110

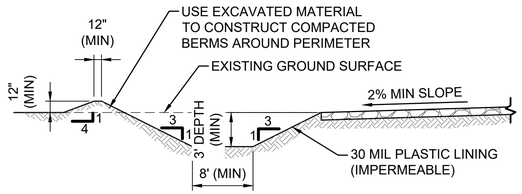
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EROSION & SEDIMENT CONTROL
SILT FENCE DETAILS

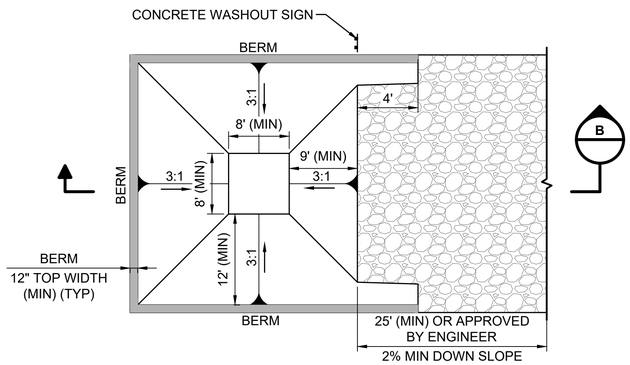
ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
LEAD ENG	B. SVOR
ENG MGR	D. REASOR
PROJ MGR	C. GARNER

DRAWING NUMBER	REV
HMY-C-556-04	0

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SECTION B — NOT TO SCALE



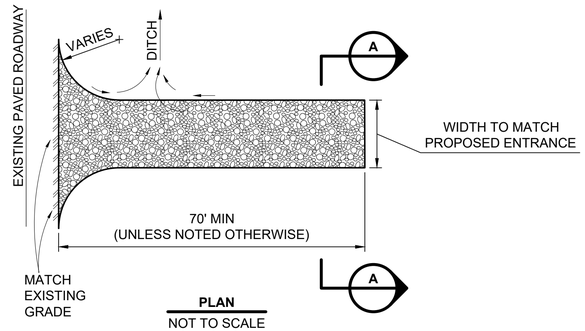
CONCRETE WASHOUT DETAIL 1 — NOT TO SCALE

INSTALLATION NOTES:

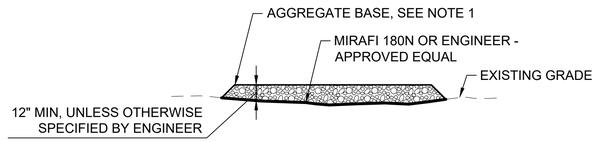
1. LOCATIONS NOT PROVIDED ON DRAWINGS, COORDINATE WITH CONTRACTOR TO DETERMINE CONCRETE WASHOUT LOCATIONS.
2. INSTALL THE CONCRETE WASHOUT AREA PRIOR TO ANY CONCRETE PLACEMENT ON SITE.
3. VEHICLE TRACKING CONTROL IS REQUIRED AT CONCRETE WASHOUT ACCESS POINT.
4. PLACE SIGNS AT THE CONSTRUCTION ENTRANCE, AT THE WASHOUT AREA, AND ELSEWHERE AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CONCRETE WASHOUT AREA TO OPERATORS OF CONCRETE TRUCKS AND PUMP RIGS.
5. UTILIZE EXCAVATION MATERIAL IN PERIMETER BERM CONSTRUCTION.
6. ALTERNATE STYLES MAY BE SUBMITTED TO CONTRACTOR FOR APPROVAL

MAINTENANCE NOTES:

1. REPAIR, ENLARGE, OR CLEAN OUT THE CONCRETE WASHOUT AREA AS NECESSARY TO MAINTAIN CAPACITY FOR WASTED CONCRETE. REMOVE CONCRETE WASTE MATERIAL ONCE THE MATERIALS HAVE REACHED A DEPTH OF 2'.
2. INSPECT THE CONCRETE WASHOUT AREA WEEKLY AND MAINTAIN IT IN AN EFFECTIVE CONDITION. INSPECT THE CONCRETE WASHOUT AREA 24 HOURS AFTER A STORM EVENT AND COMPLETE REPAIRS OR CLEAN OUT OF SEDIMENT AS NEEDED.
3. THE CONCRETE WASHOUT AREA MUST REMAIN IN PLACE UNTIL ALL CONCRETE FOR THE PROJECT IS PLACED.
4. REMOVE THE CONCRETE WASHOUT AREA AT THE END OF CONSTRUCTION. REMOVE AND DISPOSE OF THE CONCRETE WASTE IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. AFTER REMOVAL OF THE WASTE MATERIAL, SMOOTHLY GRADE, TOPSOIL, SEED, AND MULCH THE AREA PER VEGETATION MANAGEMENT PLAN.



PLAN — NOT TO SCALE

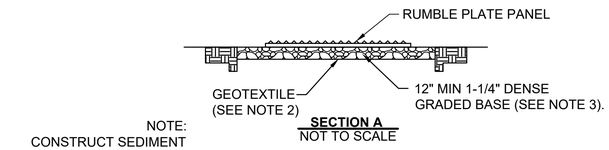


SECTION A — NOT TO SCALE

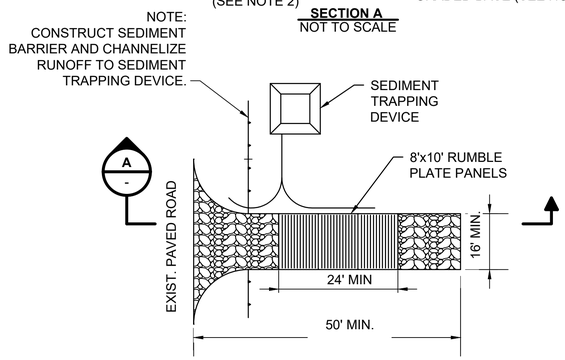
NOTES:

1. AGGREGATE SHOULD BE MAXIMUM DIMENSION 3 INCHES, CONTAINING ≤ 5% FINES PASSING NO. 200 SIEVE.
2. CONSTRUCTION ENTRANCE MUST ALLOW DRAINAGE TO SHEET FLOW OFF SURFACE TO THE DOWNSTREAM DRAINAGE DITCH WITHOUT PONDING.

STABILIZED CONSTRUCTION ENTRANCE DETAIL - TYPE 1 2 — NOT TO SCALE



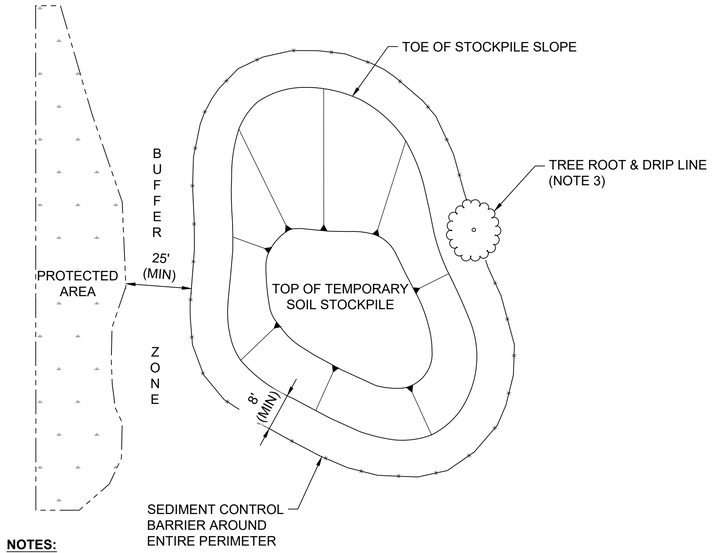
SECTION A — NOT TO SCALE



RUMBLE PLATE CONSTRUCTION ENTRANCE DETAIL - TYPE 2 4 — NOT TO SCALE

NOTES:

1. RUMBLE PLATE TO BE INSTALLED AT SITE ENTRANCES AS INDICATED IN PLANS.
2. MIRAFI 1120N FABRIC TYPE BASED ON SOIL CONDITIONS AND VEHICLE LOADING.



NOTES:

1. STOCKPILE SLOPES SHOULD BE BASED ON ANGLE OF REPOSE OF THE SOIL MATERIAL TO AVOID POTENTIAL SLOUGHING OF THE SLOPE.
2. SOIL STOCKPILE TO BE STABILIZED IN ACCORDANCE WITH PRACTICAL STANDARDS.
3. DO NOT LOCATE STOCKPILE WITHIN OVERLAND DRAINAGE FLOW PATH, DESIGNATED FLOODWAYS, FLOODPLAINS, DRIP LINE OR OVER THE ROOT CROWN OF ADJACENT TREES.
4. PROVISIONS FOR SEDIMENT CONTROL PRACTICES MAY BE REQUIRED ALONG HAUL ROADS AND ENTRANCE/EXIT LOCATIONS FOR ACCESS THE SOIL STOCKPILE THAT CAN CREATE FLOW PATH FOR STORMWATER RUNOFF.
5. INSTALLATION OF BENCHES, TERRACES, OR SLOPE INTERRUPTERS SHOULD BE CONSIDERED.
6. AVOID BUILDING SOIL STOCKPILES ON IMPERVIOUS SURFACES.
7. LINEAR SEDIMENT TRAP SURROUNDING THE STOCKPILE BASE MAY BE USED TO CONTROL SEDIMENT.
8. STOCKPILE SOIL PER DETAIL FOR ALL STOCKPILES IN PLACE FOR MORE THAN 14 DAYS. FOR SLOPES GREATER THAN 3:1, STABILIZATION MUST BE INITIATED IMMEDIATELY ONCE ACTIVITIES HAVE BEEN COMPLETED OR TEMPORARILY CEASED. STABILIZATION MUST BE COMPLETED AS PRACTICABLE, BUT NOT LATER THAN 7 DAYS AFTER INITIAL SOIL STABILIZATION.
9. PROVIDE MINIMUM 1% SLOPE AT TOP OF PILE TO PREVENT PONDING.
10. RECEIVE APPROVAL FROM CONTRACTOR ON PROPOSED STOCKPILE AREAS PRIOR TO STOCKPILING SOIL.
11. OFFSET STOCKPILE 25 FEET FROM ARRAYS, 20-FT FROM PERIMETER FENCE, AND 15 FEET FROM MV CABLES.

TEMPORARY SOIL STOCKPILE 3 — NOT TO SCALE

ISSUED FOR CONSTRUCTION

NOT TO SCALE



05/29/2026

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

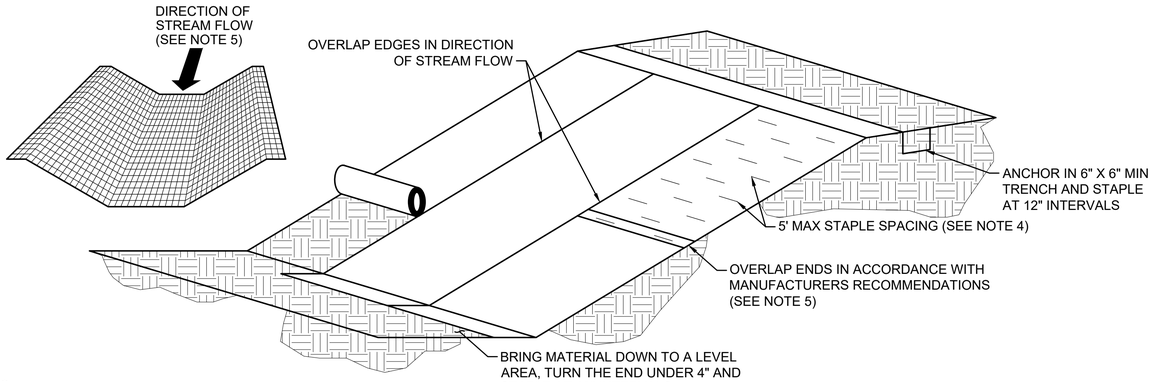
PROJECT: 186521 | CONTRACT: 8110

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EROSION & SEDIMENT CONTROL
MISCELLANEOUS DETAILS 01

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER	DRAWING NUMBER	REV
LEAD ENG	B. SVOR	HMY-C-556-05	0
ENG MGR	D. REASOR		
PROJ MGR	C. GARNER		

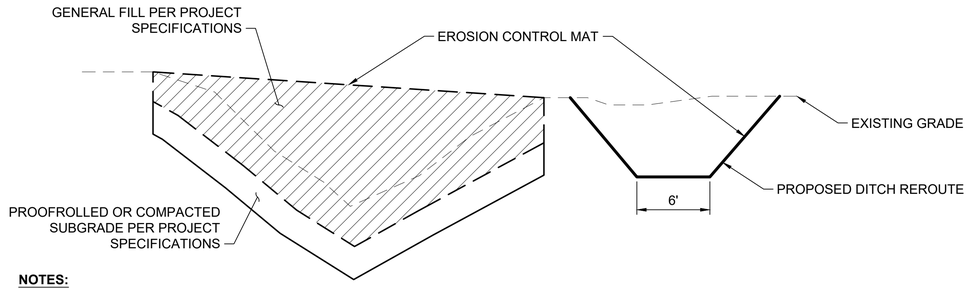
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NOTES:

1. TEMPORARY EROSION CONTROL MAT TO BE NORTH AMERICAN GREEN BIONET S150 BN OR ENGINEER-APPROVED EQUAL. ALL ROLLED EROSION CONTROL PRODUCTS SHALL BE INSTALLED PER MANUFACTURER RECOMMENDATIONS.
2. EROSION CONTROL MAT SHALL BE INSTALLED ON ALL SLOPES 8% OR GREATER, AND AS DIRECTED BY CONTRACTOR.
3. SLOPE SURFACE SHALL BE SMOOTH BEFORE PLACEMENT FOR PROPER SOIL CONTACT.
4. STAPLING PATTERN AS PER MANUFACTURER'S RECOMMENDATIONS.
5. DO NOT STRETCH FABRIC/MATTING TIGHT. ALLOW THE ROLLS TO CONFORM TO ANY IRREGULARITIES.
6. FERTILIZE, IF REQUIRED, AND SEED BEFORE INSTALLATION. DO NOT APPLY FERTILIZER NEAR WATER, STORM DRANS, OR DRAINAGE DITCHES, AND DO NOT APPLY IF HEAVY RAIN IS EXPECTED.
7. IN DITCHES OR CHANNELS, FABRIC/MATTING SHALL BE OVERLAPPED SUCH THAT UPSTREAM PIECE OVERLIES DOWNSTREAM PIECE. ROLL OUT STRIPS OF MATTING PERPENDICULAR TO THE DIRECTION OF FLOW.

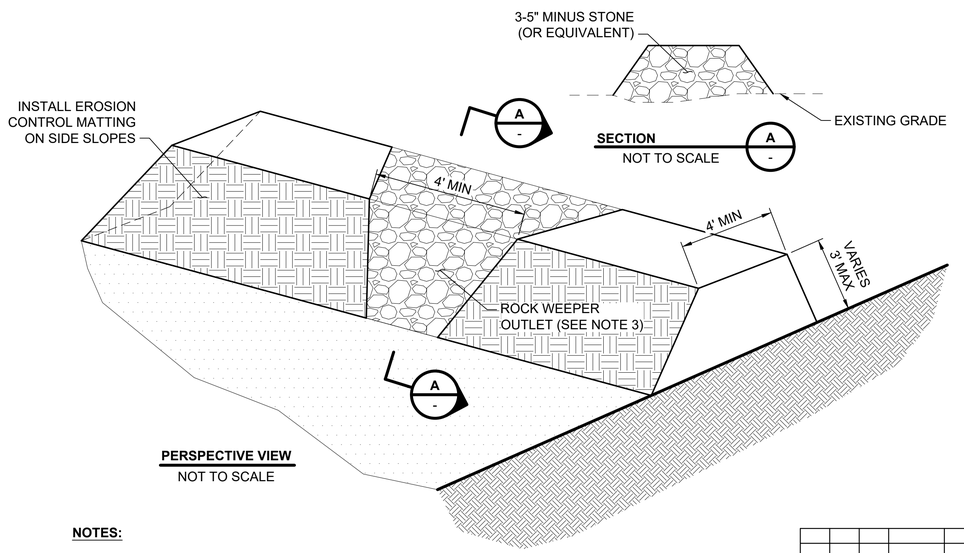
TYPICAL EROSION MAT INSTALLATION DETAIL — 1 / -
NOT TO SCALE



NOTES:

1. SUBCONTRACTOR TO INSPECT DITCH BOTTOM AFTER RAIN EVENTS GREATER THAN 1". IF THERE ARE SIGNS OF EROSION, SUBCONTRACTOR SHALL FILL DITCH AND COMPACT WITH GENERAL FILL.
2. EXISTING DITCH SUBGRADE SHALL BE COMPACTED TO A MINIMUM OF 90% MAXIMUM COMPACTION.

DITCH REROUTE — 3 / -
NOT TO SCALE



SECTION — A / -
NOT TO SCALE

PERSPECTIVE VIEW
NOT TO SCALE

NOTES:

1. PLACE TOPSOIL MATERIAL IN 9" THICK LOOSE LIFTS AND COMPACT WITH APPROPRIATE COMPACTION EQUIPMENT. CONTRACTOR TO VISUALLY VERIFY COMPACTION FOR ACCEPTANCE.
2. BERM SIDESLOPES SHALL NOT BE STEEPER THAN 3:1.
3. ROCK WEEPER OUTLET TO BE PLACED EVERY 500-FT OR ALONG LOW SPOTS, WHICHEVER GREATER.
4. BERM TO BE SEEDED WITH PERMANENT SEED ONCE CONSTRUCTED.

PERMANENT TOPSOIL BERM DETAIL — 2 / -
NOT TO SCALE

ISSUED FOR CONSTRUCTION

NOT TO SCALE

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA
05/29/2026

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 | CONTRACT: 8110

geronimo power

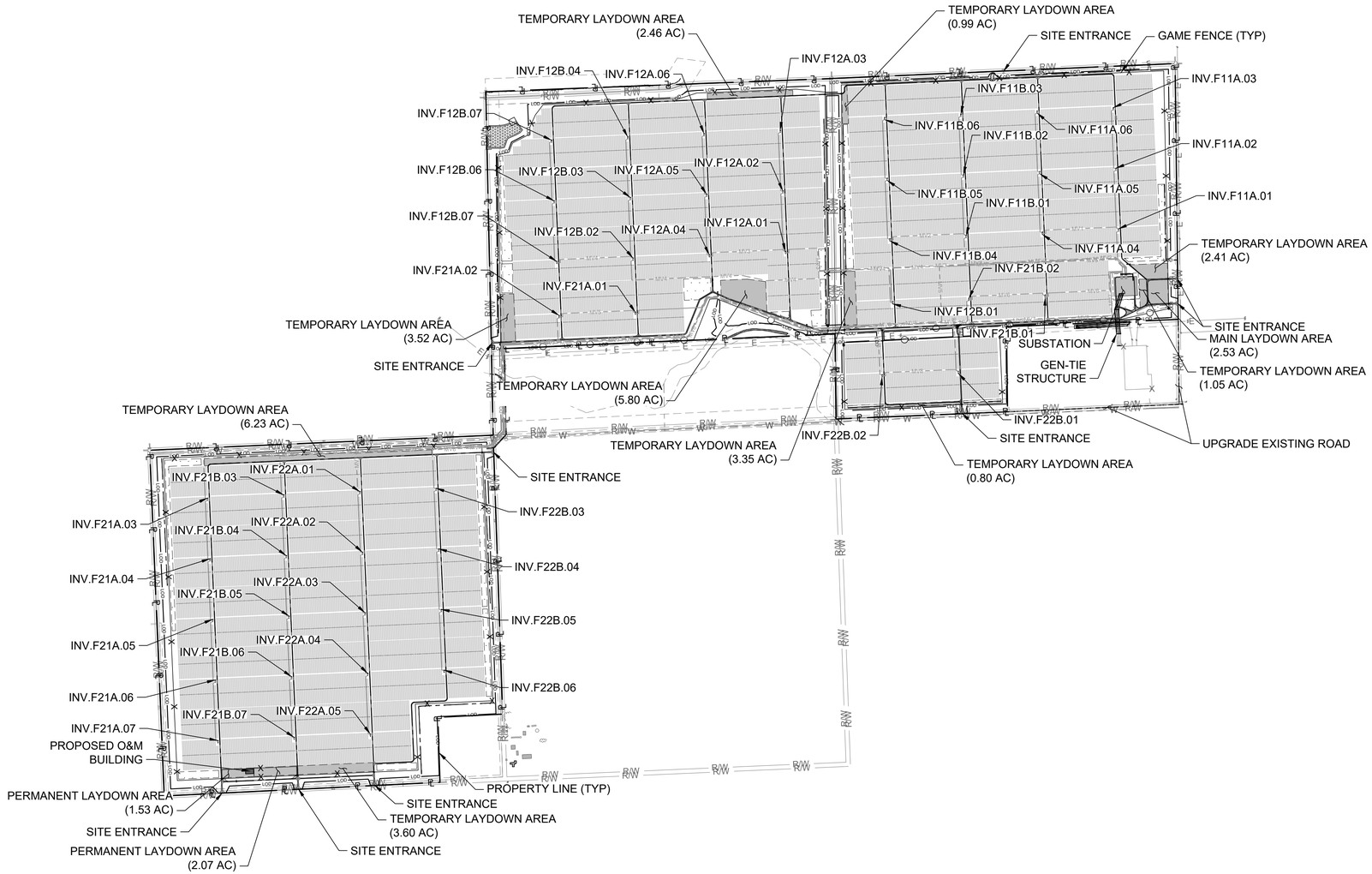
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EROSION & SEDIMENT CONTROL
MISCELLANEOUS DETAILS 02

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
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PROJ MGR	C. GARNER

DRAWING NUMBER: HMY-C-556-06 | REV: 0

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LEGEND:

- EASEMENTS
- GAME FENCE
- FIBER OPTIC - EQUIPMENT
- OVERHEAD ELECTRIC
- POWER - EQUIPMENT
- PROPERTY LINE
- ROADS
- ROAD - RIGHT OF WAY
- SITE SIGNAGE
- STREAMS
- TELEPHONE - EQUIPMENT
- TELEPHONE - POLES
- UNDERGROUND - ELECTRIC
- UNDERGROUND - WATER

ISSUED FOR CONSTRUCTION

NORTH

0 1000' 2000'
SCALE IN FEET

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA
05/29/2026

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 CONTRACT: 8110

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GENERAL
SITE ARRANGEMENT

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
LEAD ENG	B. SVOR
ENG MGR	D. REASOR
PROJ MGR	C. GARNER

DRAWING NUMBER	REV
HMY-G-100-01	0

MAY 29, 2026 - 11:43am DRAWING NAME: C:\Users\jmhampton\DC\ACCDocs\BMcD ENR\Geronimo-Harmony Solar\Project Files\2_Dsgn\Civil\Dwgs\HMY-G-100-01.dwg



LEGEND:

- EXISTING GRAVEL/UNPAVED ROAD
- TRAFFIC ARROW
- PROPOSED CONSTRUCTION LAYDOWN AREA
- PROPOSED 12-FT TYPICAL ACCESS ROAD
- PROPOSED 20-FT SUBSTATION ROAD
- PROPOSED SOLAR ARRAY AREA
- RESURFACED COUNTY ROAD (8110 SUBCONTRACTOR)
- FENCE - GAME FENCE
- FENCE - GAME FENCE (TO BE INSTALLED AT END OF PROJECT)
- FENCE - GAME FENCE (GROUNDED BY CONTRACT 8410)
- PROPERTY LINE
- NO SOLAR TRAFFIC

ISSUED FOR CONSTRUCTION

NORTH

0 1000' 2000'
SCALE IN FEET

REGISTERED PROFESSIONAL ENGINEER
BRETT SVOR
PE-42122
DATE
NORTH DAKOTA
05/29/2026

REV	BY	CKD	DATE	DESCRIPTION
0	JMH	BNS	05/29/26	ISSUED FOR CONSTRUCTION

GERONIMO POWER
HARMONY SOLAR
200 MW

PROJECT: 186521 | CONTRACT: 8110

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GENERAL
DELIVERY FLOW PLAN

ENGINEER/DESIGN ORIGINATOR	A. BONECUTTER
LEAD ENG	B. SVOR
ENG MGR	D. REASOR
PROJ MGR	C. GARNER

DRAWING NUMBER: HMY-G-100-02 | REV: 0

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