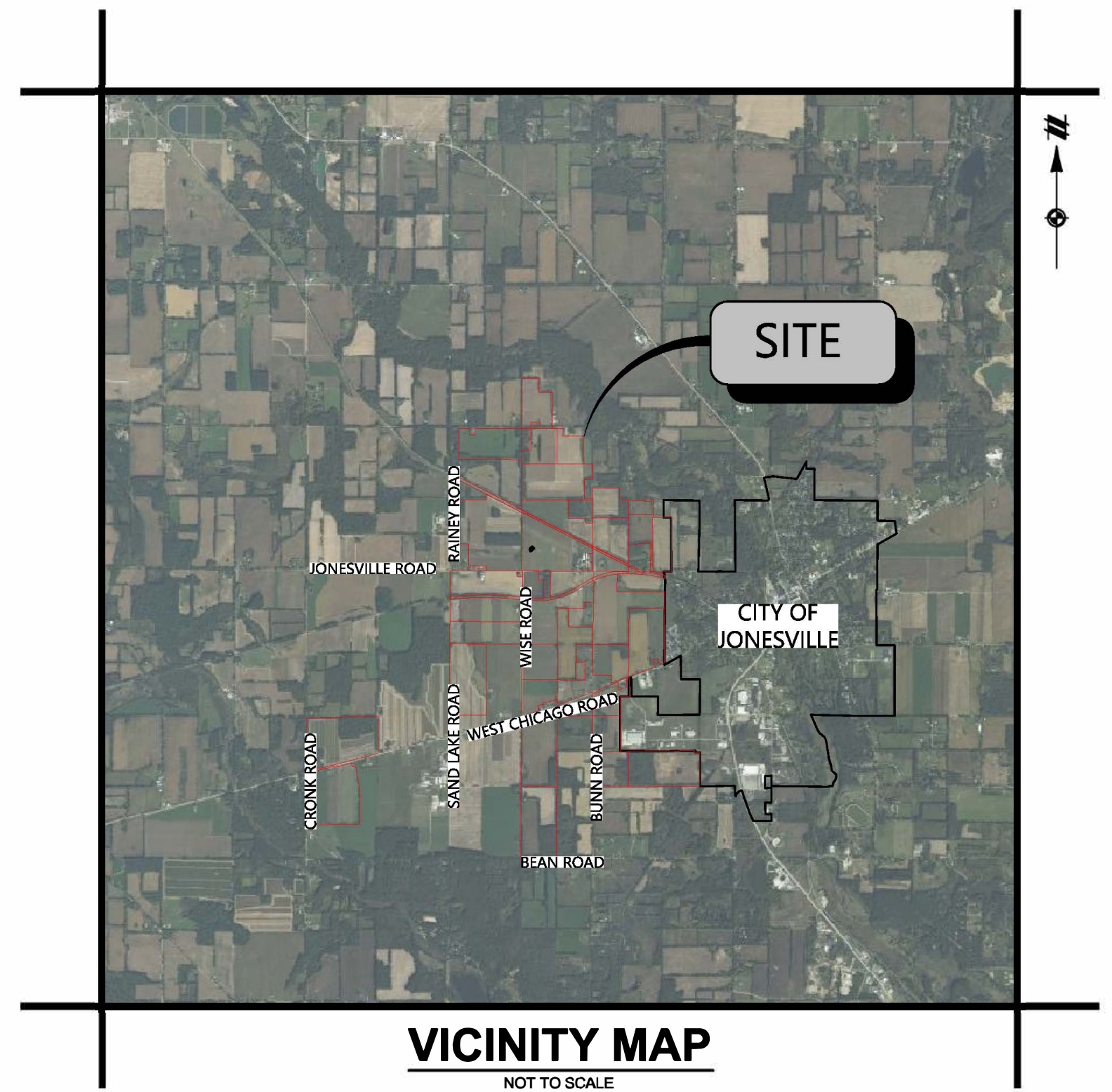


HEARTWOOD SOLAR

FAYETTE TOWNSHIP, HILLSDALE COUNTY, MI

TAX ID: SEE BELOW

FINAL SITE PLAN



811
Know what's below.
Call before you dig.
THE LOCATIONS OF EXISTING UNRECORDED UTILITIES ARE SHOWN IN AN APPROXIMATE MANNER AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXERCISE DUE CARE AND PRECAUTION AND ALL UNDERGROUND UTILITIES.

NOTICE:
CONSTRUCTION SITE SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. NEITHER THE OWNER NOR THE ENGINEER SHALL BE HELD RESPONSIBLE FOR ANY ACCIDENTS OR INJURIES TO PERSONS OR PROPERTY OCCASIONED BY THE WORK OF PERSONS ENGAGED IN THE WORK OF ANY NEARBY STRUCTURES, OR OF ANY OTHER PERSONS.
REPRODUCTION SHALL BE MADE WITHOUT THE PRIOR WRITTEN CONSENT OF ATWELL LLC.

24 HOUR EMERGENCY CONTACT

ATWELL
866.850.4200 www.atwell-group.com
311 NORTH MAIN STREET
ANN ARBOR, MI 48104
734.994.4600

DEVELOPMENT TEAM

PROJECT DEVELOPER
HEARTWOOD SOLAR, LLC
ATTN: ASSISTANT DEVELOPMENT MANAGER
226 N. MORGAN STREET, #200
CHICAGO, MICHIGAN 60622
PHONE: (734) 474-1623
FAX: (312) 229-8800
CONTACT: TOBY VALENTINO

CONSULTANT
ATWELL, LLC
TWO TOWNE SQUARE, SUITE 700
SOUTHFIELD, MI 48076
PHONE: (248) 447-2000
FAX: (248) 447-2001
CONTACT: TIMOTHY JONES

GOVERNING AGENCIES

FAYETTE TOWNSHIP
211 NORTH STREET,
JONESVILLE, MI 49250
PHONE: (517) 849-2351

HILLSDALE COUNTY
29 N. HOWELL STREET # 1,
HILLSDALE, MI 49242
PHONE: (517) 437-3391

JONESVILLE FIRE DEPARTMENT
265 E CHICAGO ST,
JONESVILLE, MI 49250
PHONE: (517) 849-9451

HILLSDALE COUNTY ROAD COMMISSION
1919 HUDSON ROAD
HILLSDALE, MI 49242
PHONE: (517) 437-4458

MICHIGAN DEPARTMENT OF TRANSPORTATION
2750 ELM ROAD
JACKSON, MI 49201
PHONE: (517) 780-7540

**MICHIGAN DEPARTMENT OF ENVIRONMENT,
GREAT LAKES, & ENERGY (EGLE)**
301 EAST LOUIS GLICK HIGHWAY
JACKSON, MI 49201
PHONE: (517) 780-7690

TAX DESCRIPTION

PARCEL ID	OWNER
06 005 100 009 05 6 3	HALE RICHARD A & JUDY A
06 005 100 010 05 6 3	CAROL BAKER TRUST
06 005 300 007 05 6 3	CAROL BAKER TRUST
06 006 100 002 06 6 3	HALE RICHARD A & JUDY A
06 006 100 003 06 6 3	HALE RICHARD A & JUDY A
06 006 100 004 06 6 3	GEORGE O PROSSER TRUST
06 006 200 006 06 6 3	KEITH E HALE AND BETTY J HALE, ORIGINAL TRUSTEES OF THE TRUST AGREEMENT NUMBER ONE OF KEITH E HALE
06 006 200 011 06 6 3	HALE RICHARD A & JUDY A
06 006 200 013 06 6 3	HALE RICHARD A & JUDY A
06 006 200 015 06 6 3	CAROL BAKER TRUST
06 006 400 001 06 6 3	BRUCE LEWIS TRUST
06 006 400 002 06 6 3	HALE RICHARD A & JUDY A
06 007 200 001 07 6 3	BRIAN AND ERIC MARSHALL TRUSTS
06 007 400 001 07 6 3	JAMES AND MILDRED ETCHILL
06 008 100 002 08 6 3	P&D FARMS
06 008 100 005 08 6 3	P&D FARMS
06 008 100 007 08 6 3	P&D FARMS
06 031 100 009 31 5 3	RONALD RUSK
06 031 200 008 31 5 3	HALE RICHARD A & JUDY A
06 031 200 010 31 5 3	HALE RICHARD A & JUDY A
06 031 200 014 31 5 3	HALE RICHARD A & JUDY A
06 031 300 002 31 5 3	SARA L VANCAMP REVOCABLE TRUST
06 031 300 005 31 5 3	SARA L VANCAMP REVOCABLE TRUST
06 031 300 006 31 5 3	SARA L VANCAMP REVOCABLE TRUST
06 031 400 006 31 5 3	HALE RICHARD A & JUDY A
06 032 100 013 32 5 3	HALE RICHARD A & JUDY A
06 032 300 001 32 5 3	HALE RICHARD A & JUDY A
06 032 300 003 32 5 3	DOUGLAS O PROSSER AND DEBBIE PROSSER
06 032 300 014 32 5 3	ROSS R WITTE AND CHRISTINE J WITTE, ORIGINAL TRUSTEES OF THE CHRISTINE J WITTE TRUST NO 1
06 032 300 015 32 5 3	ROSS R WITTE AND CHRISTINE J WITTE, ORIGINAL TRUSTEES OF THE CHRISTINE J WITTE TRUST NO 1
06 032 300 018 32 5 3	HALE RICHARD A & JUDY A
06 031 400 003 31 5 3	HALE RICHARD A & JUDY A
06 006 200 005 06 6 3	HALE RICHARD A & JUDY A
06 006 300 001 06 6 3	BRUCE LEWIS TRUST
06 005 300 012 05 6 3	P&D FARMS

*SEE SHEETS 2 & 3 FOR LEGAL DESCRIPTIONS

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FLOODPLAIN NOTE

PER THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) MAP (MAP NO. 26059C0039D, 2605C0156D, & 26059C0175D) DATED 2-19-14, THE SITE LIES WITHIN ZONE X, AREAS OUTSIDE OF THE 100 YEAR FLOODPLAIN.

WETLANDS

WETLANDS ARE LOCATED WITHIN PROJECT BOUNDARIES. THE PROJECT WILL AVOID ALL WETLAND IMPACTS.

NOTES

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH GOVERNING AGENCY STANDARDS.
- THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL FRANCHISE UTILITY (GAS, ELECTRIC, DATA) CONSTRUCTION, REMOVAL, AND RELOCATIONS. ANY FRANCHISE UTILITY INFORMATION ON THESE PLANS IS SHOWN FOR REFERENCE ONLY.

PROJECT NARRATIVE

THE PROJECT CONSISTS OF A PROPOSED 150 MW AC LARGE SOLAR ARRAY ON PARCELS WITH A PROJECT AREA OF APPROXIMATELY 989 ACRES. THE PROJECT SUBSTATION WILL CONNECT TO AN EXISTING OVERHEAD ELECTRIC LINE LOCATED JUST EAST OF THE PROPOSED SUBSTATION.

SECTIONS: 5, 6, 7, 8
TOWN: 06S, RANGE: 03W
FAYETTE TOWNSHIP
HILLSDALE COUNTY, MI

RANGER POWER
HEARTWOOD SOLAR
FINAL SITE PLAN
COVER

DATE: 6/23/2022
6/23/22 CLIENT REVIEW
6/15/22 CLIENT REVIEW
NOT FOR CONSTRUCTION

REVISIONS

DRAWN BY: MB
CHECKED BY: PR
PROJECT MANAGER: -
JOB #: 21005513
FILE CODE: ##
SHEET NO. 1

Ross R. Witte and Christine J. Witte, Original Trustees of the Christine J. Witte Trust No. 1: Land in the Township of Fayette and Village of Jonesville, County of Hillsdale and State of Michigan, described as: Commencing at the center of Section 32, Town 5 South, Range 3 West, and running thence West along the East-West 1/4 line of said Section 32 to the Southwest corner of the East 1/2 of the Northwest 1/4 of said Section 32 and running thence North along the North-South 1/8 line of said Section 32 to the center of the Millstream; thence Southeastly along the center of said Millstream to the North-South 1/4 line of said Section 32; thence South along the North-South 1/4 line of said Section 32 to the Place of Beginning. ALSO, the East 1/2 of the Southwest 1/4 of Section 32; ALSO the West 16 1/2 acres of the Southeast 1/4 of Section 32; ALSO land described as commencing at the Southeast corner of the West 1/2 or the Northwest 1/4 of Section 32 and running thence North 121 rods; thence West 19.83 rods; thence South 121 rods; thence East 19.83 rods to the Place of Beginning," all being in In Section 32, Town 5 South, Range 3 West. Subject to the right-of-way of the N.Y.C.R.R. across the Southwest corner thereof. Further subject to a 33 foot wide driveway easement for Ingress and Egress being 16.5 feet each side of the following described centerline: Commencing at the South 1/4 corner of said Section 32; thence North 89 Degrees 06' 20" West along the South line or said Section 32 and the centerline of Jonesville Road 441.82 feet to the Point of Beginning of this centerline description; thence North 02 degrees 05' 16" East 395.14 feet; thence North 03 Degree 57' 19" West 171.65 feet; thence North 08 Degrees 08' 49" East 185.42 feet; thence North 00 Degrees 10' 48" West 1271.02 feet; thence North 31 Degrees 06' 16" East 67.25 feet and the Point of Ending of this centerline description. EXCEPTING from the herein described parcel, Beginning at the center corner of said Section 32; thence South 89 degrees 27' 52" East along the East-West 1/4 line of said Section 32 a distance or 289.83 feet to the East line of the West 16.5 acres of the Southwest 1/4 of said Section 32; thence South 00 degrees 37' 18" West along said East line 651.10 feet; thence North 89 degrees 27.52" West 675.95 feet; thence North 01 Degrees 43' 19" East 651.24 feet to said East-West 1/4 line; thence South 89 degrees 27' 52" West along said 1/4 line 393.62 feet to the Point of Beginning. ALSO EXCEPTING: The following described parcel of land located in the Southwest 1/4 of Section 32, Town 5 South, Range 3 West, and more fully described as follows: Commencing at a point on the South line of Section 32, Town 5 South, Range 3 West, 532 feet West of the North 1/4 corner of Section 6, Town 6 South, Range 3 West as recorded in Liber 1, Page 105 of the County land corner records; thence West along the South line of said 1/4 Section for a distance of 208 feet; thence North for a distance of 1050 feet; thence East for a distance of 208 feet; thence South for a distance of 1050 feet to the Place of Beginning. FURTHER EXCEPTING THEREFROM: Land in the Northwest Quarter, Section 32, Township 5 South, Range 3 West, Fayette Township, Hillsdale County, Michigan, described as follows: Commencing at the South Quarter Corner of said Section 32; thence North 00°38' 36" East along the North South Quarter Line of said Section 32 a distance of 2662.07 feet to the Center of Section and the POINT OF BEGINNING of this description; thence North 89° 26' 38" West along the East-West Quarter Line of said Section 32 a distance of 1647.32 feet; thence North 00°35' 35" East 630.62 feet; thence South 88°33' 28" East 483.61 feet; thence North 17° 20' 47" West 250.95 feet; thence North 51°45' 49" East 332.84 feet to the centerline of Millstream; thence South 39° 36' 01" East along said Millstream centerline 569.60 feet; thence continuing along said centerline South 58°20' 22" East 377.60 feet; thence continuing along said centerline South 82°42' 53" East 293.03 feet to said North-South Quarter Line; thence South 00°38' 36" West along said Quarter Line 405.72 feet to the POINT OF BEGINNING; containing 25.40 acres more or less. Together with and subject to a 33 foot wide drive and utility easement for ingress and egress from Jonesville Road, being 16.5 feet on both sides of the following centerline description; Commencing at the South Quarter Corner of said Section 32; thence North 89°20" 20" West along the South line of said Section 32 and the centerline of Jonesville Road 441.82 feet to the POINT OF BEGINNING of this centerline description; thence North 02°05' 16" East 395.14 feet; thence North 03° 57' 19" West 171.65 feet; thence North 08°06' 49" East 185.42 feet; thence North 00°10' 48" West 1271.02 feet; thence North 01°53' 51" East 553.37 feet; thence North 69°50' 37" West 255.35 feet; thence North 00°47' 59" West 530.25 feet; thence North 19°10' 53" West 289.07 feet; thence North 17°20' 47" West 250.95 feet to the POINT OF ENDING. Subject to any easements and restrictions of record.

Richard A. Hale and Judy A: Land in the Township of Allen being described as: The South 10 acres of the North half of the Southeast quarter of the North-east quarter of Section 1, Town 6 South of Range 4 West. And the North 10 acres of the Southeast quarter of the Southeast quarter of Section 1, Township of Allen. Hillsdale County, Michigan. As to Parcel No: 30-05-001-200-010-01-6-4 (Parcel 1), 30-05-001-200-011-01-6-4 (Parcel 2)

All that certain piece or parcel of land situated in the Township of Allen in Hillsdale County, and State of Michigan, and described as follows: Commencing at a point in the center line of Cronk Road 300 feet South of the intersection of the center line of Cronk Road and U.S. 12; running thence north 300 feet to the center line of U.S. 12; running thence easterly 1210 feet along the center line of U.S. 12; running thence south 375 feet; running thence westerly to the place of beginning. Township of Allen, Hillsdale County, Michigan. Section 12, Town 6 South, Range 4 West. As to Parcel No. 30-05-012-100-002-12-6-4 (Parcel 3)

All that certain piece or parcel of land situate and being in the Township of Allen County of Hillsdale and State of Michigan, and described as follows, to-wit: All that parcel of land described as commencing at a point on the southerly line of Highway US-12, 54.5 rods southwesterly from the intersection of the south line of said highway with the east line of the Northwest quarter of Section 12 in Town 6 South, Range 4 West, and running thence southwesterly along the south line of said highway to its intersection with the west line of the Northwest quarter of said Section 12; thence south to the quarter post on the west side of said Section 12; thence east on the quarter line to a point 40 rods and 16 feet west of the southeast corner of the Northwest quarter of said Section 12; thence northwesterly about 60 rods, more or less, to the place of beginning; containing 40 acres more or less; excepting therefrom a parcel out of the northeast corner of the above described land, said excepted parcel being 122 feet east and west by 136 feet north and south. Also the west three-fourths of the North half of the Southwest quarter of Section 12 in Town 6 South, Range 4 West, containing 60 acres, more or less. As to Parcel No: 30-05-012-300-001-12-6-4 (Parcel 4)

A parcel of land part of the Southwest 1/4 of the Northwest 1/4 of Section 32, Township 5 South, Range 3 West, described as: Commencing at a point on the West line of Section 32, Town 5 South, Range 3 West, said point being a distance of 2211 feet South of the Northwest corner post of said Section 32; thence South 89 Degrees 43' East a distance of 990 feet; thence South a distance of 440 feet to the East-West 1/4 line of said Section 32; thence North 89 Degrees 43' West along said East-West 1/4 line a distance of 990 feet to the West 1/4 corner of said Section 32; thence North along the West line of said Section 32 a distance of 440 feet to the Place of Beginning. ALSO, the North 1/2 of the Northwest 1/4 of the Southwest 1/4 of Section 32, Township 5 South, Range 3 West. ALSO, that part of the Southeast 1/4 of Section 31, Township 5 South, Range 3 West, lying North of the Railroad. EXCEPTING THEREFROM, a parcel of land part of the Northeast 1/4 of the Southeast 1/4 of Section 31, Township 5 South, Range 3 West, described as: Commencing at the Northeast corner of the Southeast 1/4 of Section 31, Town 5 South, Range 3 West; thence South a distance of 770 feet along the Section line; thence West 260 feet; thence North 180 feet; thence West 640 feet; thence North 590 feet to the East-West 1/4 line of said Section 31; thence East 900 feet to the Place of Beginning. ALSO Excepting THEREFROM, a parcel of land part of the Northeast 1/4 of the Southeast 1/4 of Section 31, Town 5 South, Range 3 West, described as: Commencing at the Northeast corner of the Southeast 1/4 of said Section 31; thence South along the East line of said Section 31, 770 feet to the Point of Beginning. thence continuing South 100 feet; thence West 260 feet; thence North 100 feet; thence East 260 feet to the Point of Beginning. ALSO EXCEPTING THEREFROM, a parcel of land part of the Northeast 1/4 of the Southeast 1/4 of Section 31, Town 5 South, Range 3 West, described as: Commencing at the Northeast corner of the Southeast 1/4 of said Section 31, 900 feet; thence South 590 feet to the Point of Beginning thence East 640 feet; thence South 100 feet; thence West 640 feet; thence North 100 feet to the Point of Beginning.

Land in the Townships of Fayette and Litchfield, County of Hillsdale and the State of Michigan, and is described as follows: PARCEL 1: Township of Litchfield The North 1/2 of the Southeast 1/4 and the Northeast 1/4 of the Southwest 1/4 of Section 36, Town 5 South, Range 4 West. PARCEL 2: Township of Fayette

A parcel of land part of the Southwest 1/4 of the Northwest 1/4 of Section 32, Township 5 South, Range 3 West, described as: Commencing at a point on the West line of Section 32, Town 5 South, Range 3 West, said point being a distance of 2211 feet South of the Northwest corner post of said Section 32; thence South 89 Degrees 43' East a distance of 990 feet; thence South a distance of 440 feet to the East-West 1/4 line of said Section 32; thence North 89 Degrees 43' West along said East-West 1/4 line a distance of 990 feet to the West 1/4 corner of said Section 32; thence North along the West line of said Section 32 a distance of 440 feet to the Place of Beginning. ALSO, the North 1/2 of the Northwest 1/4 of the Southwest 1/4 of Section 32, Township 5 South, Range 3 West. ALSO, that part of the Southeast 1/4 of Section 31, Township 5 South, Range 3 West, lying North of the Railroad. EXCEPTING THEREFROM, a parcel of land part of the Northeast 1/4 of the Southeast 1/4 of Section 31, Township 5 South, Range 3 West, described as: Commencing at the Northeast corner of the Southeast 1/4 of said Section 31, Town 5 South, Range 3 West; thence South a distance of 770 feet along the Section line; thence West 260 feet; thence North 180 feet; thence West 640 feet; thence North 590 feet to the East-West 1/4 line of said Section 31; thence East 900 feet to the Place of Beginning. ALSO EXCEPTING THEREFROM, a parcel of land part of the Northeast 1/4 of the Southeast 1/4 of said Section 31, Town 5 South, Range 3 West, described as: Commencing at the Northeast corner of the Southeast 1/4 of said Section 31; thence South along the East line of said Section 31, 770 feet to the Point of Beginning thence continuing South 100 feet; thence West 260 feet; thence North 100 feet; thence East 260 feet to the Point of Beginning. ALSO EXCEPTING THEREFROM, a parcel of land part of the Northeast 1/4 of the Southeast 1/4 of Section 31, Town 5 South, Range 3 West, described as: Commencing at the Northeast corner of the Southeast 1/4 of said Section 31, 900 feet; thence South 590 feet to the Point of Beginning thence East 640 feet; thence South 100 feet; thence West 640 feet; thence North 100 feet to the Point of Beginning.

feet; thence West 260 feet; thence North 100 feet; thence East 260 feet to the Point of Beginning. ALSO EXCEPTING THEREFROM, a parcel of land part of the Northeast 1/4 of the Southeast 1/4 of Section 31, Town 5 South, Range 3 West, described as: Commencing at the Northeast corner of the Southeast 1/4 of said Section 31; thence West, along the East-West 1/4 line of said Section 31, 900 feet; thence South 590 feet to the Point of Beginning thence East 640 feet; thence South 100 feet; thence West 640 feet; thence North 100 feet to the Point of Beginning.

As to Parcel No.: 30-06-032-100-013-32-5-3 (Parcel 5), 30-06-032-300-001-32-5-3 (Parcel 6), 30-06-031-400-006-31-5-3 (Parcel 7) All of the Southeast quarter of Section 31 in Town 5 South, Range 3 West, lying south of the line of the Lansing Branch of the Lake Shore and Michigan South Railroad, and except 3 acres in the Southeast corner which is 40 rods North and South by 12 rods East and West; ALSO, land in the same township described as: Commencing at the Northeast corner of Section 6 in Town 6 South, Range 3 West and running thence West 28 chains; thence South at right angles 16 chains and 7 links to land occupied by the L. S. and M.S. Railroad Co., thence along the line easterly of the E.S. and M.S. Railroad Company to the East line of the North half of the Northeast quarter of said Section 6, 30 chains and 48 links; thence North 3 chains and 62 links to the place of beginning, containing 29 and 322/1000 acres of land, more or less, Excepting Therefrom the following described parcel: Commencing at the Northeast corner of Section 6, Town 6 South, Range 3 West running thence West 24 chains to the true point of beginning of this description, running thence South 15 chains, 7 links to the northerly line of the New York Central right-of-way, thence Westerly along the North line of said railroad right-of-way 4 chains, thence South to the North line of Section 6, thence East along the North line of said Section 6 to the place of beginning.

Reserving unto sellers the life use of their resident dwelling located on the above described property along with a surrounding one acre parcel.

As to Parcel No: 30-06-031-400-003-31-5-3 (Parcel 8), 30-06-006-200-005-06-6-3 (Parcel 10) NOTE: PARCEL 8 & 10 NOT UTILIZED IN CURRENT DESIGN

The following described premises situated in the Township of Fayette, County Hillsdale; and State of Michigan, to-wit: All that part of the Southeast 1/4 of the Northeast 1/4 of the Section 6, Town 6 South, Range 3 West, described as: Commencing at the Northeast corner of Section 6, Town 6 South, Range 3 West, thence South 1377.5 feet along the East boundary of Section 6 to the place beginning of this description; thence West 3 parallel with the North boundary of Section 6; thence South 667 feet parallel with the East boundary of Section 6, thence East 921 feet parallel with the North boundary of Section 6 to the East boundary of Section 6; thence North 667 feet to the point of beginning of this description.

All that certain piece or parcel of land situated and being in the Township of Fayette County of Hillsdale and State of Michigan, and described as follows, to-wit: The West 24 acres of the North 1/2 of the Northeast fractional 1/4 of Section 6, Town 6 South, Range 3 West, lying North of the Railroad right of way; excepting a parcel out of the Northeast corner thereof being 170 feet East and West by 320.31 feet North and South.

As to Parcel Number: 30-06-006-200-011-06-6-3 (Parcel 11) Land in the Township of Fayette being described as: The North 30 acres of the South half of the Northwest quarter; and all that part of the North half of the said Northwest quarter, lying south of the right of way of the L.S. and M.S. R of way. All being on Section and in Town 6 South, Range 3 West, and containing 50 acres of land more or less.

As to Parcel No. 30-06-006-100-002-06-6-3 (Parcel 12) All that certain piece or parcel of land situated and being in the Township of Fayette County of Hillsdale and State of Michigan, and described as follows, to-wit: The South 50 acres off the northwest quarter of Section 6, Town 6 South, Range 3, West, Fayette Township.

As to Parcel No. 30-06-006-100-003-06-6-3 (Parcel 13) The following described land and premises situated in Township of Fayette County of Hillsdale and State of Michigan, viz: North fractional part of the Northwest 1/4 of Section 5, Town 6 South, Range 3 West.

ALSO the Southwest 1/4 of the Northwest 1/4 of Section 5, Town 6 South, Range 3 West. EXCEPTING AND RESERVING THEREFROM the Railroad right of way and lands sold to Gardner and Sinclair, containing 108 acres of land, more or less.

ALSO EXCEPTING land described as: Commencing at the North 1/4 post of Section 5, Town 6 South, Range 3 West, Fayette Township, Hillsdale County, Michigan; thence South 00° 06' 10" West along the North and South 1/4 line of said Section 5, a distance of 243.00 feet; thence North 89° 53' 50" W, 166.40 feet to a point in the centerline of Murphy Road, said point being the true place of beginning of the parcel of land herein described; and running thence South 00° 06' 10" West, 512.00 feet; thence North 89° 53' 39" West, 1613.22 feet; thence North 02° 48' 39" East, 632.73 feet; thence North 84° 37' 33" East, 69.72 feet to the centerline of said Murphy Road; thence Easterly along the centerline of said Murphy Road to the place of beginning. Subject to existing County Highway right of way. Also subject to any easements or restrictions of record.

EXCEPTING AND RESERVING THEREFROM land described as commencing on the East line of the Northwest 1/4 of Section 5, Town 6 South, Range 3 West at a point which is 292.4 feet South of the Northeast corner of said Northwest 1/4 of said Section 5 and at the intersection of said East line of said Northwest 1/4 of Section 5 with the South line of the road which is an extension to the West of Murphy Street in the Village of Jonesville, Michigan; and running thence North 72° West 175 feet; thence South 197.7 feet; thence East 166.4 feet; thence North 125 feet to the place of beginning, containing 58/100 of an acre, more or less.

EXCEPTING AND RESERVING THEREFROM land described as commencing at the intersection of the East line of the Northwest 1/4 of Section 5, Town 6 South, Range 3 West and the Southwesterly line of Murphy Street, according to the Northwest's Plat No. 3 of Jonesville; running thence South 00° 06' 10" West along the North-South 1/4 line of said Section 5, a distance of 125.0 feet to the point of beginning; thence South 00° 06' 10" West a distance of 304.05 feet; thence North 88° 15' 19" West a distance of 166.47 feet; thence North 00° 06' 10" East a distance of 299.28 feet; thence South 89° 53' 50" East a distance of 166.4 feet to the point of beginning.

As to Parcel Number: 30-06-005-100-009-05-6-3 (Parcel 14), 30-06-005-100-001-05-6-3 (Parcel 20) Premises situated in the Township of Fayette, County of Hillsdale, State of Michigan, and described as follows:

All that part of the Southwest quarter of the Southeast quarter of Section 6, Town 6 South, Range 3 West, lying North of Highway U.S. 12; also all that part of the West one half of the Northeast quarter of Section 7, Town 6 South, Range 3 West, which lies North of Highway U.S. 12.

EXCEPTING THEREFROM: A parcel of land in the Southeast quarter of Section 6, Town 6 South, Range 3 West, Fayette Township, Hillsdale County, Michigan, described as beginning at a point located by the following three (3) courses from the Southeast corner of Section 7, of said Town 6 South, Range 3 West Fayette Township, (1) North 6181.63 feet along the northerly extension of the section line common to Section 18 and 17 of said Town 6 South, Range 3 West, Fayette Township to the center line intersection of Bunn Road and U.S. 12, (2) South 69° 24' 45" West 1405.40 feet along the center line of U.S. 12 and (3) North 06° 16' 45" West: 51.6 feet to a point on the northerly line of U.S. 12; thence North 69° 24' 45" West 483.00 feet along the northerly line of U.S. 12; thence North 23° 42' 00" West 227.00 feet; thence North 76° 43' 26" East 540.00 feet; thence South 06° 16' 45" East 163.00 feet to the point of beginning.

ALSO EXCEPTING THEREFROM: Beginning at a point 483 feet West of where U.S. Highway 12 intersects the East line of the Southwest 1/4 of the southeast 1/4, thence Southwesterly parallel with the North side of said highway 252 feet, thence North 189 feet, thence Northeastly 252 feet, thence South 189 feet to point of beginning, Section 6, Town 6 South, Range 3 West. EXCEPTING THEREFROM: A parcel of land in Southeast 1/4 of Section 6, Town 6 South, Range 3 West, Fayette Township, Hillsdale County, Michigan, described as Beginning at a point located by the following four (4) courses from the Southeast corner of Section 7 of said Town 6 South, Range 3 West, Fayette Township: (1) North 6181.63 feet along the Northerly extension of the section line common to Section 18 and 17 of said Town 6 South, Range 3 West, Fayette Township, to the center line intersection of Bunn Road and U.S. 12, (2) South 69° 24' 45" West 1405.40 feet along the centerline of U.S. 12, (3) North 06° 16' 45" West 51.60 feet, and (4) South 69° 24' 45" West 483.00 feet along the Northerly line of U.S. 12, thence North 23° 42' 00" West 183.41 feet; thence North 69° 24' 45" East 56.67 feet; thence South 06° 16' 45" East: 189.00 feet to the point of beginning.

As to Parcel No. 30-06-006-400-002-06-6-3 (Parcel 15) The Northwest 1/4 of the Northeast 1/4 of Section 31, Town 5 South, Range 3 West, EXCEPTING THEREFROM commencing at the Northwest corner of the Northwest 1/4 of the Northeast 1/4 of Section 31, running thence East 367 feet, thence South 100 feet and parallel with the West line of said Quarter Section (a distance of) 830 feet; thence West 367 feet to the West line of said Quarter Section; thence North along said West line 830 feet to the point of beginning.

As to Parcel No. 06-031-200-008-31-5-3 (Parcel 16) The North 1/2 of the Northeast 1/4 of Section 31, Town 5 South, Range 3 West, EXCEPTING THEREFROM commencing 486 feet North of the Southeast corner of the South 1/2 of the Northeast 1/4 of said Section 31, and running thence North 280 feet; thence West 311.15 feet; thence South 280 feet; thence East 311.15 feet to the point of beginning. ALSO EXCEPTING THEREFROM commencing 66 feet North of the Southeast corner of the South 1/2 of the Northeast 1/4 of said Section 31, and running thence North 420 feet; thence West 311.15 feet, thence South 420 feet; thence East 311.15 feet to the point of beginning.

As to Parcel No. 30-06-031-200-010-31-5-3 (Parcel 17) The following described premises situated in the Township of Scipio, County of Hillsdale and State of Michigan: The West 1/2 of the West 1/2 of the Northeast 1/4 and the East 1/2 of the East 1/2 of the Northwest 1/4 of Section 30, Scipio Township, Hillsdale County, Michigan. EXCEPTING Beginning at the North 1/4 corner of Section 30, Town 5 South, Range 3 West, Scipio Township, Hillsdale County, Michigan; thence North 89 degrees 17' 52" East along the North line of Section 30 and the Centerline of Sterling Road, 126.48 feet; thence South 00 degrees 16' 25" East 290.56 feet; thence South 89 degrees 14' 00" West 222.08 feet; thence North 01 degrees 25' 11" East 291.00 feet to said Section line; thence North 89 degrees 17' 52" East along said Section line 87.00 to the Point of Beginning.

Grants reserve unto themselves and the survivor of them, a life estate in the above premises. Quit Claim Deed Liber 616, Page 224, Recorder's Office, Hillsdale County, Michigan As to Parcel No. 30-02-030-200-004-30-5-3 (Parcel 18), 30-02-030-100-004-30-5-3 (Parcel 19) The following described premises situated in the Township of Fayette, County of Hillsdale and State of Michigan, and described as follows to-wit: Land in the East half of the Southwest quarter and the West 16.5 acres of the Southeast quarter of Section 32, Township 5 South, Range 3 West, Fayette Township, Hillsdale County, Michigan and described as beginning at the South quarter corner of said Section 32; and running thence North 89° 07' 26" West 395.13 feet along the South line of said Section 32 and the centerline of Jonesville Road; thence North 00° 09' 54" West 2008.93 feet, more or less, to a point 651.10 feet South of the East-West 1/4 line of said Section; thence South 89° 26' 39" East 692.37 feet to the East line of said West 16.5 acres; thence South 00° 38' 12" West 2011.76 feet, (assessed as 1989 feet) east along said line to the South line of said Section; and thence North 89° 16' 38" West 270.15 feet along said Section line and the centerline of Jonesville Road to the point of beginning.

As to Parcel No. 30-06-032-300-018-32-5-3 (Parcel 21) Land situated in the Township of Fayette, County of Hillsdale, State of Michigan

A parcel of land being the Northeast 1/4 of the Northeast 1/4 of Section 31, Town 5 South, Range 3 West, Hillsdale County, Michigan.

EXCEPTING THEREFROM beginning at the Northeast corner of Section 31, Town 5 South, Range 3 West thence South 00° 00' 25" East, along the East line of the Northeast 1/4 of the Northeast 1/4 of said Section 31, (a distance of) 1324.88 feet to the South line of said Northeast 1/4 of the Northeast 1/4 of Section 31; thence North 89° 53' 57" West along said Section line, 329.00 feet; thence North 00° 00' 25" West 1324.55 feet to the North line of said Northeast 1/4 of the Northeast 1/4 of Section 31; thence South 89° 59' 31" East, along said North line, 329.00 feet to the point of beginning.

ALSO EXCEPTING THEREFROM commencing at the Northeast corner of Section 31, Town 5 South, Range 3 West, thence North 89° 59' 31" West, along the North line of the Northeast 1/4 of the Northeast 1/4 of said Section 31, (a distance of) 329.00 feet to the point of beginning of this description; thence South 00° 00' 25" East 280.00 feet; thence North 89° 59' 31" West 392.00 feet; thence North 00° 00' 25" West 280.00 feet to the North line of the Northeast 1/4 of the Northeast 1/4 of Section 31; thence South 89° 59' 31" East, along said North line, 392.00 feet to the point of beginning.

ALSO EXCEPTING THEREFROM commencing at the Northeast corner of Section 31, Town 5 South, Range 3 West, thence North 89° 59' 31" West, along the North line of the Northeast 1/4 of the Northeast 1/4 of said Section 31, (a distance of) 721.00 feet to the point of beginning of this description; thence South 00° 00' 25" East 280.00 feet; thence North 89° 59' 31" West 390.00 feet; thence North 00° 00' 25" East 280.00 feet to the North line of the Northeast 1/4 of the Northeast 1/4 of Section 31; thence South 89° 59' 31" East, along said North line, 390.00 feet to the point of beginning.

ALSO EXCEPTING THEREFROM commencing at the Northeast corner of Section 31, Town 5 South, Range 3 West, thence North 89° 59' 31" West, along the North line of the Northeast 1/4 of the Northeast 1/4 of said Section 31, (a distance of) 721.00 feet to the point of beginning of this description; thence South 00° 00' 25" East 280.00 feet; thence North 89° 59' 31" West 390.00 feet; thence North 00° 00' 25" East 280.00 feet to the North line of the Northeast 1/4 of the Northeast 1/4 of Section 31; thence South 89° 59' 31" East, along said North line, 390.00 feet to the point of beginning.

As to Parcel No. 30-06-031-200-014-31-5-3 (Parcel 22) Sara L. VanCamp Revocable Trust:

The following described premises situated in the Township of Fayette, County of Hillsdale and State of Michigan: The Northeast 1/4 of the Southwest 1/4 of Section 31 in Town 6 South, Range 3 West, excepting and reserving the right-of-way of the N.C.M. Railroad over and across the Northeast corner thereof, also except all that part of the same lying Northeast of said Railroad right-of-way, containing 36 acres, more or less. Also all that part of the Southeast 1/4 of the Northwest fractional 1/4 lying Southerly of the Railroad right-of-way. Also the West fractional 1/2 of the Southwest 1/4 of said Section 31 in Town 5 South, Range 3 West, containing 80.28 acres. EXCEPTING therefrom, commencing at the Southwest corner of Section 31, Town 5 South, Range 3 West, thence East along the center line of Jonesville Road a distance of 851.7 feet to the point of beginning, thence North a distance of 197.6 feet; thence East a distance of 478.93 feet to the West line of the Southeast 1/4 of the Southwest 1/4 of said Section 31; thence South 01° 18' 40" East along the said West line a distance of 197.6 feet; thence West a distance of 480.0 feet to the point of beginning, containing 2.165 acres of land. ALSO EXCEPTING, commencing at the Southwest corner of Section 31, thence East 626.70 feet; thence North 197.60 feet; thence East 54 feet; thence North 802.40 feet; thence West 680.70 feet; thence South 1000 feet to the point of beginning. The Southeast 1/4 of the Southwest 1/4 of Section 31 in Town 5 South, Range 3 West, containing 40 acres, more or less. Also, the following described premises situated in the Township of Scipio, County of Hillsdale and State of Michigan: The East 1/2 of the Southwest 1/4 of Section 30, in Town 5 South, Range 3 West, EXCEPTING commencing at the Southeast corner of the Southwest 1/4 of Section 30; thence West 412 feet; thence North 425 feet; thence East 412 feet; thence South 425 feet to the point of beginning. Commonly known as: Parcel No. 06-031-300-002-31-5-3 (36.36 acres) Parcel No. 06-031-300-005-31-5-3 (40 acres) Parcel No. 06-031-300-006-31-5-3 (62.45 acres) 4500 Jonesville Road Jonesville, MI 49250

Carol Baker Trust: Village of Jonesville, County of Hillsdale, State of Michigan, to wit: Part of the Northeast 1/4 of Section 5, Town 6 South, Range 3 West, commencing at the intersection of the South line of Murphy Street, with the North quarter line of said Section 5 and running thence South 1859 feet; thence Easterly along Schwab land, 461 feet; thence Northerly along Godfrey land, 700 feet; thence Westerly 370 feet; thence Northwesterly to West line of Baxter Street, 206 feet; thence Northerly on West line of Baxter Street, 413 feet; thence Westerly on the South line of Murphy Street, 544 feet to the place of beginning, the same being assessed and now more correctly described as: Lot No. 13 of Supervisor's Plat No. 3, of the Village of Jonesville, Michigan, according to the plat thereof recorded in Liber 4 of Plats, Page 227.

For Informational Purposes Only: 14.90 acres more or less Parcel No.: 30-21-110-001-016 Parcel II: Township of Fayette, County of Hillsdale, State of Michigan, to wit: The Southeast 1/4 of the Northwest 1/4 of Section 5, Town 6 South, Range 3 West, and all that part of the East 1/2 of the Southwest 1/4 of Section 5, Town 6 South, Range 3 West, lying North of the Centerline of Bunn Road and U.S. 12, (2) South 69° 24' 45" West 1405.40 feet along the centerline of U.S. 12, (3) North 162 feet Southwesterly of the intersection of the North and South 1/4 line of Section 5 and the north right of way line of Chicago Road and thence Northwesterly at a right angle to said Chicago Road, 240 feet; thence Southwesterly parallel to said Chicago Road, 184 feet; thence Northwesterly at a right angle 240 feet; thence Northeastly 184 feet to the point of beginning. For Informational Purposes Only: 68.63 acres more or less Parcel No.: 30-06-005-100-010-05-6-3

Parcel III: All that part of the West 1/2 of the Southwest 1/4 of Section 5, lying Northerly of Highway US 12; EXCEPT beginning at the intersection of the centerline of US 12 and Bunn Road; thence Northwesterly along the centerline of US 12, 750 feet; thence North parallel to the West section line, a distance of 348 feet 5 inches; thence West parallel to the North section line, 700 feet, more or less to the center of Bunn Road, thence South along the centerline of Bunn Road to the point of beginning. All in Town 6 South, Range 3 West. For Informational Purposes Only: 40.34 acres more or less Parcel No. 30-06-005-300-007-05-6-3

Parcel IV: Township of Fayette, County of Hillsdale, State of Michigan, to wit: The West 1/2 of the Northeast 1/4 of the Southeast 1/4 of Section 6, Town 6 South, Range 3 West; ALSO the Southeast 1/4 of the Northeast 1/4 of Section 6, Town 6 South, Range 3 West. EXCEPT a parcel of land containing 14.102 acres commencing at the Northeast corner of Section 6, Town 6 South, Range 3 West; thence South 1377.5 feet along the East boundary of Section 6 to the place of beginning of this description; thence West 921 feet parallel with the North boundary of Section 6; thence South 667 feet parallel with the North boundary of Section 6; thence South 667 feet parallel with the East boundary of the Section; thence East 921 feet parallel with the North boundary of the Section to the East boundary of Section 6; thence North 667 feet to the place of beginning. AND Township of Fayette, County of Hillsdale, State of Michigan, to wit: A parcel of land being a part of the Northeast quarter of the Northeast Quarter of the Southeast quarter of Section 6, Township 5 South, Range 3 West, Fayette Township, Hillsdale County, Michigan, said parcel being bounded and described as follows: Commencing at the East quarter corner of said Section 6, thence North 89° 41' 39" West, along the East-West quarter line of said Section 6, a distance of 830.45 feet to the true point of beginning. Thence South 01° 01' 21" East, along a line a distance of 659.46 feet to the South line of the Northeast quarter of the Northeast quarter of the Southeast Quarter of said Section 6; Thence North 89° 42' 45" West, along the

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A	Hepker Farms:															
	Land situated in the Township of Fayette, County of Hillsdale, Michigan: The North 60 acres of the Southwest 1/4 of Section 8, Town 6 South, Range 3 West. ALSO, commencing at the Southwest corner of the North 60 acres of the Southwest 1/4 of Section 8, Town 6 South, Range 3 West; thence South 50 rods; thence East 135 rods; thence North 50 rods; thence West 135 rods to the Point of Beginning. EXCEPTING commencing at the West 1/4 corner of said Section 8; thence South 345 feet; thence East 800 feet; thence North 345 feet; thence West 800 feet to the point of beginning.															
B	P&D Farms:															
	All of the following parcels located in the Township of Fayette, Hillsdale County, Michigan: PARCEL 1: That part of the Southwest 1/4 of the Southwest 1/4 of Section 5, Town 6 South, Range 3 West, Fayette Township, Hillsdale County, Michigan, described as: Commencing at the intersection of the West line of Section 5 and the center of Chicago Road, thence South 24 rods (386 feet); thence East 13 rods 5 feet (219.5 feet); thence North to the center of Chicago Road; thence Southwesterly along Chicago Road to the place of beginning. EXCEPT LAND used for Highway US 12 (West Chicago Road) as conveyed to the State Highway Commissioner of the State of Michigan by instrument recorded in Liber 208, Page 596. As to Parcel Number: 30-06-005-300-002-05-6-3 NOTE: PARCEL 1 NOT UTILIZED IN CURRENT LAYOUT															
C	PARCEL 2: That part of the West 1/2 of the Southwest 1/4 of Section 5, Town 6 South, Range 3 West, Fayette Township, Hillsdale County, Michigan, lying South of the centerline of Chicago Road, EXCEPT commencing at the intersection of the West line of said Section and the centerline of Chicago Road, thence South 396 feet; thence East 219.5 feet; thence North to the centerline of Chicago Road; thence Southwesterly along said centerline to the place of beginning. ALSO EXCEPT commencing at the intersection of Bunn Road and the centerline of US-12, thence Northeasterly along the centerline of Chicago Road 1333 feet to the point of beginning, thence South 300 feet; thence Southwesterly parallel to Chicago Road 319 feet; thence North 300 feet to said centerline; thence Northeasterly along said centerline 319 feet to the place of beginning. ALSO EXCEPT commencing at the southeast corner of the West 1/2 of the Southwest 1/4 of said Section 5 (also being the Southwest corner of Lot 14, JONESVILLE INDUSTRIAL PARK, according to the recorded plat thereof, as recorded in Liber 10 of Plats, Pages 89 through 95, Hillsdale County Records); thence North 05° 40' 13" West (ALSO RECORDED AS North 05° 40' West) 699.33 feet; thence South 83° 47' 48" West (ALSO RECORDED AS South 83° 48" West) 320.07 feet; thence South 05° 27' 04" East (ALSO RECORDED AS South 05° 27' East) 706.79 feet; thence East to the place of beginning. Said exception now being a part of the AMENDED PLAT OF LOTS 3, 4, 10, 11, 12, 13, 14, AND PART OF INDUSTRIAL PARKWAY, IN THE RECORDED PLAT OF JONESVILLE INDUSTRIAL PARK, according to the recorded plat thereof, as recorded in Liber 11 of Plats, Pages 17 through 22, Hillsdale County Records. As to Parcel Number: 30-06-005-300-012-05-6-3 NOTE: PARCEL 2 NOT UTILIZED IN CURRENT LAYOUT															
	D	PARCEL 3: The Northwest 1/4 of the Northwest 1/4 of Section 8, Town 6 South, Range 3 West, Fayette Township, Hillsdale County, Michigan. EXCEPT commencing at the Northwest corner of Lot 13, JONESVILLE INDUSTRIAL PARK, according to the recorded plat thereof, as recorded in Liber 10 of Plats, Pages 89 through 95, Hillsdale County Records, thence South 05° 27' 04" East (ALSO RECORDED AS South 05° 27' East) 1327.34 feet (to the Southwest corner of said JONESVILLE INDUSTRIAL PARK, according to the recorded plat thereof, as recorded in Liber 10 of Plats, Pages 89 through 95, Hillsdale County Records); thence South 83° 46' 44" West (ALSO RECORDED AS South 83° 46' West) 300 feet; thence North 05° 27' 04" West (ALSO RECORDED AS North 05° 27' West) to the North line of said Section; thence East to the place of beginning. Said exception now being a part of the AMENDED PLAT OF LOTS 3, 4, 10, 11, 12, 13, 14, AND PART OF INDUSTRIAL PARKWAY, IN THE RECORDED PLAT OF JONESVILLE INDUSTRIAL PARK, according to the recorded plat thereof, as recorded in Liber 11 of Plats, Pages 17 through 22, Hillsdale County Records. As to Parcel Number: 30-06-008-100-007-08-6-3														
E		PARCEL 4: The Southwest 1/4 of the Northwest 1/4 of Section 8, Town 6 South, Range 3 West, Fayette Township, Hillsdale County, Michigan. As to Parcel Number: 30-06-008-100-002-08-6-3														
	F	PARCEL 5: The Southeast 1/4 of the Northwest 1/4, AND ALSO the Southwest 1/4 of the Northeast 1/4, EXCEPT the North 66 feet of the East 175 feet of the Southwest 1/4 of the Northeast 1/4, all of Section 8, Town 6 South, Range 3 West, Fayette Township, Hillsdale County, Michigan. As to Parcel Number: 30-06-008-100-005-08-6-3														
G		James and Mildred Etchill:														
	Township of Fayette, County of Hillsdale and State of Michigan, described as: The west one-half of the southeast quarter of Section 7, Town 6 South, Range 3 West, Fayette Township, Hillsdale County, Michigan.															
H	MDOT:															
	Parcel I: Township of Allen, County of Hillsdale, State of Michigan, to wit: RR RNG THRU NW1/4 and NE1/4 BEING 100 FT WIDE SEC 1 T6S R4W 12.49 A M/L For Informational Purposes Only: 12.49 Acres more or less Parcel No. 30-05-001-100-004-01-6-4															
I	Parcel II: Township of Allen, County of Hillsdale, State of Michigan, to wit: RR RNG THRU SW1/4 and SE1/4 and SE COR NE1/4 BEING 100 FT WIDE SEC 2 T6S R4W 12.5 A M/L For Informational Purposes Only: 12.5 Acres more or less Parcel No. 30-05-002-200-006-02-6-4 Parcel I and II above compose a smaller portion of property located within the following: ALL THAT PROPERTY situate in the Cities of Jonesville and Hillsdale and in the Townships of Allen, Fayette and Hillsdale, County of Hillsdale and State of Michigan, being all the right, title and interest of The Penn Central corporation of, in and to all those pieces or parcels of land and premises, easements, rights-of-way and other rights of any kind whatsoever appurtenant thereto or used in conjunction therewith on and along a portion of the railroad of said Corporation known as the Osseo Old Road Branch, said portion being described as follows: BEGINNING at the line dividing said County of Hillsdale on the East from the County of Branch on the West, said County dividing lines passes through a point in the centerline of said right-of-way at valuation survey station 3362+86 therein; thence extending in a general Southeasterly direction, following along said right-of-way of railroad, approximately 14.57 miles, through Sections 7, 8, 5, 4, 3, 2 and 1 in Township 6 South, Range 4 West, through Sections 6, 5, 9, 16, 15, 22, 27 and 26 and into Sections 35, Township 6 South, Range 3 West to a line drawn parallel with and 750 feet Westwardly, as measured along the centerline of railroad, from the Easterly line of said Section 35, the place of ending. TOGETHER with the existing railroad tracks and appurtenances and the existing bridges and culverts and appurtenances located on the land hereinbefore described. EXCEPTING AND RESERVING thereout and therefrom those excess parcels identified as Parcel Nos. MIT000 96-2, MIS000 49-2 (at Allen), MIT100 04-9 (at Jonesville) and MIT000 77-2 (at Hillsdale) and shown on Railroad Valuation Maps 500-2130-0-27-8, 500-2130-0-28-8, 500-2130-0-30-8 and 500-2130-0-32-8, respectively. SAID Parcel Nos. MIS000 49-2 and MIT000 77-2 being more particularly described as follows: MIS000 49-2 ALL THAT PARCEL of land situate in the Southwest Quarter of Section 3, Town 6 South, Range 4 West in the County of Hillsdale and State of Michigan, being all that certain piece or parcel of land which was acquired by the Michigan Southern and Northern Indiana Railroad Company from Sondrus Goodwin by Deed dated April 21, 1866 and recorded in Hillsdale County Register's Office in Liber 56 of Deeds on page 346 and 347, and being described in said Deed as follows: "BEGINNING at a point in the Section line, on the West side of said section three (3), where the same is intersected by the southerly line of right of way lands, belonging to the said Michigan Southern and Northern Indiana Railroad Company, said southerly line of right of way lands being fifty (50) feet, south of the centre line of the Main track, belonging to said Railroad Company; thence Easterly on a line parallel with and fifty (50) feet distant from the centre line of said Main track, Eighty (80) rods to the Eighth section line North and South through the said South west quarter of Section three (3); thence South, One hundred (100) feet; thence Westerly parallel with said Railroad Eighty (80) rods, to the Section line on the west side of said section three (3) thence North on said section line, One hundred (100) feet, to the place of beginning. Containing 3-03/100 acres, more or less." MIT000 77-2 ALL THAT PARCEL of land situate partly in the Township of Fayette and partly in the City of Hillsdale, County of Hillsdale and State of Michigan, being all that certain piece or parcel of land which was acquired by The New York Central Railroad Company from Jacob Beck by Deed dated May 17, 1922 and recorded in the Register's Office in and for Hillsdale County, Michigan, in Liber 200 of Deeds at page 410, and being the First Parcel which is described in said Deed as follows: "Beginning at a point where the westerly line of the land of the party of the Second Part is intersected by the north line of Montgomery Street; thence northerly along the westerly line of the land of the party of the First Part, the same being a curve convex to the east, having a radius of Three Thousand Six Hundred and Forty six and Six Tenths (3,646.6) Feet and being parallel to and distant Fifty (50) feet by radial measurement from the original center line of the railroad of the party of the Second Part a distance of Six Hundred Seventy Six and Nine Tenths (676.9) feet to a point of tangency; thence northwesterly along the southwesterly line of the land of the party of the Second Part, the same being parallel to and distant fifty (50) feet by rectangular measurement southwesterly from said original center line of railroad a distance of One Thousand Six Hundred and Sixty Three and Eighty Tenths (1,663.8) feet to the northerly corner of the land of the party of the First Part; thence southwesterly along the northwesterly line of the land of the party of the First Part a distance of One Hundred Sixty Seven and Four Tenths (167.4) feet to a point in a line drawn parallel to and distant Three Hundred and Twenty five (325) feet by rectangular measurement northeasterly from the center line of the highway known as the Jonesville Road; thence southeasterly along said parallel line a distance of Two Thousand and Thirteen and Seven Tenths (2,013.7) feet to its intersection with the north line of Montgomery Street; thence east along the north line of Montgomery Street a distance of Four Hundred and Ninety Five and Two Tenths (495.2) feet to the place of beginning and containing Fourteen and Ninety Three Hundredths (14.93) acres, more or less."															
	J	MDOT:														
Parcel I: Township of Fayette, County of Hillsdale, State of Michigan, to wit RAILROAD RNG THROUGH S HALF SW1/4 100 FT WIDE SEC 32 T5S R3W 34.6 A For informational purposes only: 4.6 acres more or less Parcel no.30.06.032.300.004.32.5.3																
K	Parcel II: Township of Fayette, County of Hillsdale, State of Michigan, to wit 100 FT ROW IN SEC 31 SEC 31 T5S R3W 13.59 ACRES For informational purposes only: 13.59 acres more or less Parcel no.30.06.031.100.003.31.5.3 Parcel I and II above compose a smaller portion of property located within the following: ALL THAT PROPERTY situate in the Townships of Fayette and Litchfield, County of Hillsdale and State of Michigan, being all the right, title and interest of the Penn Central Corporation of, in and to all those pieces or parcels of land and premises, easements, rights-of-way and any other rights of any kind whatsoever appurtenant thereto or used in conjunction therewith on and along a portion of the railroad of said Corporation known as the Litchfield Branch, said portion being described as follows: BEGINNING near Jonesville at the Southerly line of Section 32, Township 5 South, Range 3 West; thence extending in a Northwesterly direction, following along said right-of-way of railroad approximately 6.2 miles, through Sections 32 and 31 in said Township 5 South, Range 3 West, through sections 36, 25, 26, 23, 14 and 15 and into Section 10 in Township 5 South, Range 4 West to the Southeasterly line of the parcel of land containing 2.087 acres, more or less, which was conveyed by the New York Central Railroad Company to Harold H. Streeter and Elsie L. Streeter by Deed dated December 9, 1959, the place of ending. TOGETHER with the existing railroad track and appurtenances and existing bridges and culverts and appurtenances located on the land hereinbefore described. Douglas O. Prosser and Debra Prosser: Situated in the Township of Fayette, County of Hillsdale and State of Michigan, described as follows, to-wit: The South 3/4 of the West half of the Southwest quarter of Section 32, in Town 5 South, Range 3 West of Michigan, containing 60 acres, more or less, excepting therefrom the right-of-way of the L.S. and M.S. Railway, Lansing Branch, as conveyed in deed recorded in Liber 68, page 596 of Deeds. George O. Prosser Trust: Situated in the Township of Fayette, County of Hillsdale, and State of Michigan: All of the Northwest 1/4 North of Railroad Right of Way except commencing at North 1/4 post; thence South 200 feet; thence West 200 feet; thence North 200 feet; thence East 200 feet to Place of Beginning, Section 6, Town 6 South Range 3 West.															

Montgomery Street; thence northerly along the westerly line of the land of the party of the First Part, the same being a curve convex to the east, having a radius of Three Thousand Six Hundred and Forty six and Six Tenths (3,646.6) Feet and being parallel to and distant Fifty (50) feet by radial measurement from the original center line of the railroad of the party of the Second Part a distance of Six Hundred Seventy Six and Nine Tenths (676.9) feet to a point of tangency; thence northwesterly along the southwesterly line of the land of the party of the Second Part, the same being parallel to and distant fifty (50) feet by rectangular measurement southwesterly from said original center line of railroad a distance of One Thousand Six Hundred and Sixty Three and Eighty Tenths (1,663.8) feet to the northerly corner of the land of the party of the First Part; thence southwesterly along the northwesterly line of the land of the party of the First Part a distance of One Hundred Sixty Seven and Four Tenths (167.4) feet to a point in a line drawn parallel to and distant Three Hundred and Twenty five (325) feet by rectangular measurement northeasterly from the center line of the highway known as the Jonesville Road; thence southeasterly along said parallel line a distance of Two Thousand and Thirteen and Seven Tenths (2,013.7) feet to its intersection with the north line of Montgomery Street; thence east along the north line of Montgomery Street a distance of Four Hundred and Ninety Five and Two Tenths (495.2) feet to the place of beginning and containing Fourteen and Ninety Three Hundredths (14.93) acres, more or less."

MDOT:

Parcel I:
RAILROAD RNG ACROSS N1/2 SEC 5 100 FT WIDE SEC 5 T6S R3W.
For Informational Purposes Only: 6.23 acres more or less
Parcel No. 30-06-005-100-002-05-6-3

Parcel II:
RAILROAD RNG ACROSS THE N PRt NE 1/4 and NW1/4 OF SEC 6 SEC 6 T6S R3W.
For Informational Purposes Only: 12.43 acres more or less
Parcel No. 30-06-006-200-001-06-6-3

Parcel I and II above compose a smaller portion of property located within the following:
ALL THAT PROPERTY situate in the Cities of Jonesville and Hillsdale and in the Townships of Allen, Fayette and Hillsdale, County of Hillsdale and State of Michigan, being all the right, title and interest of The Penn Central corporation of, in and to all those pieces or parcels of land and premises, easements, rights-of-way and other rights of any kind whatsoever appurtenant thereto or used in conjunction therewith on and along a portion of the railroad of said Corporation known as the Osseo Old Road Branch, said portion being described as follows:
BEGINNING at the line dividing said County of Hillsdale on the East from the County of Branch on the West, said County dividing lines passes through a point in the centerline of said right-of-way at valuation survey station 3362 86 therein; thence extending in a general Southeasterly direction, following along said right-of-way of railroad, approximately 14.57 miles, through Sections 7, 8, 5, 4, 3, 2 and 1 in Township 6 South, Range 4 West, through Sections 6, 5, 9, 16, 15, 22, 27 and 26 and into Sections 35, Township 6 South, Range 3 West to a line drawn parallel with and 750 feet Westwardly, as measured along the centerline of railroad, from the Easterly line of said Section 35, the place of ending.
TOGETHER with the existing railroad tracks and appurtenances and the existing bridges and culverts and appurtenances located on the land hereinbefore described.
EXCEPTING AND RESERVING thereout and therefrom those excess parcels identified as Parcel Nos. MIT000 96-2, MIS000 49-2 (at Allen), MIT100 04-9 (at Jonesville) and MIT000 77-2 (at Hillsdale) and shown on Railroad Valuation Maps 500-2130-0-27-8, 500-2130-0-28-8, 500-2130-0-30-8 and 500-2130-0-32-8, respectively.
SAID Parcel Nos. MIS000 49-2 and MIT000 77-2 being more particularly described as follows:
MIS000 49-2
ALL THAT PARCEL of land situate in the Southwest Quarter of Section 3, Town 6 South, Range 4 West in the County of Hillsdale and State of Michigan, being all that certain piece or parcel of land which was acquired by the Michigan Southern and Northern Indiana Railroad Company from Sondrus Goodwin by Deed dated April 21, 1866 and recorded in Hillsdale County Register's Office in Liber 56 of Deeds on page 346 and 347, and being described in said Deed as follows:
"BEGINNING at a point in the Section line, on the West side of said section three (3), where the same is intersected by the southerly line of right of way lands, belonging to the said Michigan Southern and Northern Indiana Railroad Company, said southerly line of right of way lands being fifty (50) feet, south of the centre line of the Main track, belonging to said Railroad Company; thence Easterly on a line parallel with and fifty (50) feet distant from the centre line of said Main track, Eighty (80) rods to the Eighth section line North and South through the said South west quarter of Section three (3); thence South, One hundred (100) feet; thence Westerly parallel with said Railroad Eighty (80) rods, to the Section line on the West side of said section three (3) thence North on said section line, One hundred (100) feet, to the place of beginning. Containing 3-03/100 acres, more or less."
MIT000 77-2
ALL THAT PARCEL of land situate partly in the Township of Fayette and partly in the City of Hillsdale, County of Hillsdale and State of Michigan, being all that certain piece or parcel of land which was acquired by The New York Central Railroad Company from Jacob Beck by Deed dated May 17, 1922 and recorded in the Register's Office in and for Hillsdale County, Michigan, in Liber 200 of Deeds at page 410, and being the First Parcel which is described in said Deed as follows:
"Beginning at a point where the westerly line of the land of the party of the Second Part is intersected by the north line of Montgomery Street; thence northerly along the westerly line of the land of the party of the First Part, the same being a curve convex to the east, having a radius of Three Thousand Six Hundred and Forty six and Six Tenths (3,646.6) Feet and being parallel to and distant Fifty (50) feet by radial measurement from the original center line of the railroad of the party of the Second Part a distance of Six Hundred Seventy Six and Nine Tenths (676.9) feet to a point of tangency; thence northwesterly along the southwesterly line of the land of the party of the Second Part, the same being parallel to and distant fifty (50) feet by rectangular measurement southwesterly from said original center line of railroad a distance of One Thousand Six Hundred and Sixty Three and Eighty Tenths (1,663.8) feet to the northerly corner of the land of the party of the First Part; thence southwesterly along the northwesterly line of the land of the party of the First Part a distance of One Hundred Sixty Seven and Four Tenths (167.4) feet to a point in a line drawn parallel to and distant Three Hundred and Twenty five (325) feet by rectangular measurement northeasterly from the center line of the highway known as the Jonesville Road; thence southeasterly along said parallel line a distance of Two Thousand and Thirteen and Seven Tenths (2,013.7) feet to its intersection with the north line of Montgomery Street; thence east along the north line of Montgomery Street a distance of Four Hundred and Ninety Five and Two Tenths (495.2) feet to the place of beginning and containing Fourteen and Ninety Three Hundredths (14.93) acres, more or less."

Karl and Denise Heath:

Parcel I
The following described premises situated in the Township of Scipio, County of Hillsdale, and State of Michigan:
Land in the township of Scipio, County of Hillsdale, State of Michigan, described as follows:
All those lands located in the Northwest 1/4 of the Southeast 1/4 of Section 30, Town 5 South, Range 3 West, lying North of a line described as beginning at a point 32 rods north of the Southwest corner of the Northwest 1/4 of the Southeast 1/4 of said Section 30; thence North 225 feet; thence East 330 feet; thence North 225 feet; thence East 750 feet; thence North 60 feet; thence East to the Easterly line of the Northwest 1/4 of the Southeast 1/4 of Section 30.
Together with and subject to an Easement for Ingress and Egress 30 feet wide along an existing farm land running parallel to the easterly line of said property but commencing 320 feet north of the southeast corner of the southwest 1/4 of the southeast 1/4 and running thence northerly and parallel to the easterly line of the west 1/2 of the southeast 1/4 of said section 30 to a point approximately 660 feet south of the north line of the southeast 1/4 and thence northwesterly to a point described as beginning at a point 32 rods north of the southwest corner of the northwest 1/4 of the southeast 1/4 of said section 30; thence north 225 feet; thence east 330 feet; thence north 225 feet; thence east 750 feet to the point of termination.
Also together with and subject to an Easement for Ingress and Egress in common with others over a 30 foot wide right of way commencing at the southwest corner of the east 1/2 of the southeast 1/4 of section 30, town 5 south, range 3 west and running thence north 400 feet; thence east 30 feet; thence south 400 feet; thence west 30 feet to the point of beginning.

Parcel II
All that certain piece or parcel of land situated and being in the Township of Scipio, County of Hillsdale, and State of Michigan, and described as follows, to-wit:
Commencing at a point 528 feet North of the Southwest corner of the Northwest One-Quarter of the Southeast One-Quarter; thence North 225 feet; thence East 330 feet; thence North 225 feet; thence East 725 feet; thence North 60 feet; thence East to the East line of the Northwest One-Quarter of the Southeast One-Quarter; thence South to the Southeast corner of the Northwest One-Quarter of the Southeast One-Quarter; thence West 660 feet; thence North 528 feet; thence West 660 feet to the Place of Beginning.

Roger Lewis:

The following described premises situated in the Township of Allen, County of Hillsdale and State of Michigan:
Parcel I: That part of the Northeast 1/4 of Section 12, Town 6 South, Range 4 West, that lies North of the center of the Chicago road, so called, US 112.
Parcel II: ALSO, the South 1940 feet of the East 1/2 of the Southeast 1/4 of Section 1, Town 6 South, Range 4 West.

Ronald Rusk:

The following described premises situated in the Township of Fayette County of Hillsdale and State of Michigan:
North 70 rods in width of the Northwest 1/4, Section 31, Town 5 South, Range 3 West, EXCEPT COMMENCING at the Northwest corner of Section 31; thence East 712 feet to the point of beginning; thence South 250 feet; thence East 200 feet; thence North 250 feet; thence West 200 feet to the point of beginning. Also excepting the West 329 feet thereof.
Excepting and reserving a 25% interest in all oil, gas, gas storage rights and hydrocarbons, together with the right of ingress and egress for exploration and removal thereof, as set forth in Warranty Deed dated September 8, 1994 and recorded September 8, 1994 in Liber 714, Page 349 in the Register of Deeds, Hillsdale County, Michigan.
Excepting and reserving a 50% interest in all oil, gas, gas storage rights and hydrocarbons, together with the right of ingress and egress for exploration and removal thereof, as set forth in a Warranty Deed, dated May 24, 1982 and recorded June 9, 1982 in Liber 504 Page 705 in the Register of Deeds, Hillsdale County, Michigan.

Bruce Lewis Trust:

Township of Fayette, County of Hillsdale and State of Michigan:

Parcel I:
The West part of the Southwest 1/4 of Section 6, Town 6 South, Range 3 West, that lies West of land lately owned and occupied by Andrew J. Tiffany, but now owned and occupied by Benjamin Merchant. Said adjacent occupied parcel being described as: The East 1/2 of the Southwest 1/4 of said Section 6, Town 6 South, Range 3 West.
Excepting and reserving a 1/2 interest in all mineral rights, as set forth in that certain Warranty Deed dated December 12, 2005, filed for December 19, 2005, of record in Liber 1242, Page 588, Registry of Deeds, Hillsdale County, MI.
Commonly known as: Parcel No. 30-06-006-300-001
NOTE: PARCEL I NOT UTILIZED IN CURRENT LAYOUT

Parcel II:
Part 4-1, 4-B and 4-C: The Northwest 1/4 of the Southeast 1/4 of Section 6, Town 6 South, Range 3 West; also the East 1/2 of the Southwest 1/4 of Section 6; also the East 1/2 of the Northwest 1/4 of Section 7; all in Town 6 South, Range 3 West; excepting and reserving therefrom all that part of the East 1/2 of the Northwest 1/4 of Section 7, Town 6 South, Range 3 West described as:
Beginning at the intersection of the Southerly hat of Highway US 12, being 100 feet wide and the West line of the East 1/2 of the Northwest 1/4 of Section 7, Town 6 South, Range 3 West; thence North 75° 28' East along the Southerly line of said highway a distance of 380.0 feet thence South 14° 32' East a distance of 115.0 feet thence North 75° 28' East a distance of 135.0 feet thence South 14° 32' East a distance of 485.0 feet; thence South 75° 28' West a distance of 670.54 feet to the West line of the East 1/2, Northwest 1/4 of said Section 6; thence North a distance of 619.82 feet to the point of beginning.
Also excepting and reserving therefrom all that part of the East 1/2 of the Northwest 1/4 of Section 7, Town 6 South, Range 3 West, described as: Beginning at the intersection of the Southerly line of Highway US 12 being 100 feet wide and the West line of the East 1/2 of the Northwest 1/4, Section 7; thence North 75° 28' East along the Southerly line of said highway, a distance of 541.2 feet to the point of beginning; thence South 14° 32' East a distance of 115 feet thence South 75° 28' West a distance of 161.2 feet; thence North 14° 32' West 115 feet thence North 75° 28' East along the Southerly line of said highway a distance of 161.2 feet to the place of beginning.
Also excepting and reserving therefrom commencing at a point where the South line of Highway US 12 intersects with the centerline of Wise Road on the East line of Northwest 1/4 of Section 7 and running thence South 181 feet; thence Southwesterly parallel with the US 12, 17 1/2 rods; thence North to the South line of Highway US 12; thence Northeasterly along the Southerly line of Highway US 12, 17 1/2 rods to the place of beginning.
Also excepting and reserving therefrom all that part of the East 1/2 of the Northwest 1/4 of Section 7, Town 6 South, Range 3 West, described as beginning at the intersection of the Southerly line of Highway US 12 being 100 feet wide and the West line of the East 1/2 of the Northwest 1/4, Section 7, Town 6 South, Range 3 West; thence North 75° 28' East along the Southerly line of said highway a distance of 541.2 feet to the point of beginning; thence North 75° 28' East 258.5 feet thence South 14° 32' East 115 feet; thence South 75° 28' West 258.5 feet thence North 14° 32' West, 115 feet to the point of beginning.
Excepting and reserving a 1/3 interest in all oil, gas, and minerals, as set forth in that certain Agreement in Settlement of Estate dated May 10, 1974, filed for record June 4, 1974, of record in Liber 457, Page 797, Registry of Deeds, Hillsdale County, MI.
Commonly known as: Parcel No. 30-06-006-400-001

Roger Lewis:

Land in the Township of Allen, County of Hillsdale and State of Michigan, described as:
The South 1155 feet of the following: The South 70 rods acres of the West 1/2 of the Southeast 1/4 of Section 1, Town 6 South, Range 4 West. EXCEPTING THEREFROM: Commencing at a point 66 feet North of the Southwest corner of the Southwest 1/4 of the Southeast 1/4 of said Section 1; and running thence East 170 feet; thence North 257 feet; thence West 170 feet; thence South 257 feet to the Point of Beginning.
Excepting and reserving a 50% interest in all mineral rights, as set forth in a Warranty Deed dated April 28, 2006 recorded May 10, 2006 in Liber 1262, Page 533 in the Register of Deeds, Hillsdale County, Michigan.

Hughes Family Trust:

The following described premises situated in the Village of Jonesville, County of Hillsdale, State of Michigan, described as follows:
Lot Number 54 in Jones Plat, according to the recorded Plat thereof in the office of the Register of Deeds for Hillsdale County, Michigan.
ALSO, land situated in the Township of Allen, County of Hillsdale, and State of Michigan described as:
The North one hundred acres, more or less, of the Northwest quarter of Section 12, Town 6 South, Range 4 West, Allen Township, Hillsdale County, Michigan.

COVERAGE AREAS

PARCEL ID	OWNER	AREAS (ACRES)	PANEL AREA (ACRES)	COVERAGE
06 005 100 009 05 6 3	HALE RICHARD A & JUDY A	89.24	17.89	20.0%
06 005 100 010 05 6 3	CAROL BAKER TRUST	68.53	11.74	17.1%
06 005 300 007 05 6 3	CAROL BAKER TRUST	37.42	9.11	24.4%
06 006 100 002 06 6 3	HALE RICHARD A & JUDY A	52.57	9.79	18.6%
06 006 100 003 06 6 3	HALE RICHARD A & JUDY A	51.37	7.14	13.9%
06 006 100 004 06 6 3	GEORGE O PROSSER TRUST	55.77	7.88	14.1%
06 006 200 006 06 6 3	KEITH E HALE AND BETTY J HALE, ORIGINAL TRUSTEES OF THE TRUST AGREEMENT NUMBER ONE OF KEITH E HALE	68.70	14.87	21.7%
06 006 200 011 06 6 3	HALE RICHARD A & JUDY A	16.49	2.99	18.1%
06 006 200 013 06 6 3	HALE RICHARD A & JUDY A	7.94	1.77	22.4%
06 006 200 015 06 6 3	CAROL BAKER TRUST	46.15	11.50	24.9%
06 006 400 001 06 6 3	BRUCE LEWIS TRUST	39.78	9.89	24.9%
06 006 400 002 06 6 3	HALE RICHARD A & JUDY A	31.15	4.71	15.1%
06 007 200 001 07 6 3	BRIAN AND ERIC MARSHALL TRUSTS	79.75	19.84	24.9%
06 007 400 001 07 6 3	JAMES AND MILDRED ETCHILL	80.39	13.91	17.3%
06 008 100 002 08 6 3	P&D FARMS	40.39	5.80	14.4%
06 008 100 005 08 6 3	P&D FARMS	80.28	14.17	17.6%
06 008 100 007 08 6 3	P&D FARMS	31.23	4.97	15.9%
06 031 100 009 31 5 3	RONALD RUSK	60.05	12.16	20.3%
06 031 200 008 31 5 3	HALE RICHARD A & JUDY A	33.21	8.07	24.3%
06 031 200 010 31 5 3	HALE RICHARD A & JUDY A	75.38	18.80	24.9%
06 031 200 014 31 5 3	HALE RICHARD A & JUDY A	25.23	5.79	23.0%
06 031 300 002 31 5 3	SARA L VANCAMP REVOCABLE TRUST	36.09	8.76	24.3%
06 031 300 005 31 5 3	SARA L VANCAMP REVOCABLE TRUST	39.97	8.67	21.7%
06 031 300 006 31 5 3	SARA L VANCAMP REVOCABLE TRUST	61.50	10.01	16.3%
06 031 400 006 31 5 3	HALE RICHARD A & JUDY A	48.27	6.47	13.4%
06 032 100 013 32 5 3	HALE RICHARD A & JUDY A	9.95	2.21	22.2%

PRELIMINARY CONTRACTOR NOTES:

- 1. ANY UNDERGROUND UTILITY LOCATIONS SHOWN ON DRAWINGS ARE APPROXIMATE. THE BALANCE OF PLANT (BOP) CONTRACTOR WILL TAKE ALL PRECAUTIONS NECESSARY TO PROTECT EXISTING UTILITIES, PAVEMENTS, AND MONUMENTS EITHER SHOWN OR NOT SHOWN ON THESE DRAWINGS.
2. THE PROPOSED FACILITY COMPONENTS DEPICTED ON THE FINAL CONSTRUCTION DRAWINGS WILL BE DELINEATED IN THE FIELD BY EITHER LATH MARKERS, SURVEYORS RIBBON, PIN FLAGS, OR SUITABLE EQUIVALENT.
3. THE BOUNDARIES OF ALL STREAMS, WETLANDS, AND WETLAND ADJACENT AREAS AS DEPICTED ON THE FINAL CONSTRUCTION DRAWINGS WILL BE MARKED IN THE FIELD BY EITHER LATH MARKERS, SURVEYORS RIBBON, PIN FLAGS, OR SUITABLE EQUIVALENT PRIOR TO CONSTRUCTION BY THE BOP CONTRACTOR.
4. THE BOUNDARIES OF ALL AREAS OF TREES TO BE CLEARED AS DEPICTED ON THE FINAL CONSTRUCTION DRAWINGS WILL BE MARKED IN THE FIELD BY EITHER LATH MARKERS, SURVEYORS RIBBON, PIN FLAGS, OR SUITABLE EQUIVALENT PRIOR TO CONSTRUCTION BY THE BOP CONTRACTOR.
5. THE BOP CONTRACTOR WILL NOTE THE CONDITION OF ANY EXISTING FENCE THAT MAY BE IMPACTED BY PROJECT CONSTRUCTION. FENCES THAT MUST BE REMOVED AND/OR CUT WILL HAVE A TEMPORARY GATE INSTALLED IF NEEDED BASED ON LANDOWNER DISCUSSION. UPON COMPLETION OF CONSTRUCTION, THE FENCE WILL BE REBUILT, AT A MINIMUM TO ITS PRECONSTRUCTION CONDITION. THERE ARE NO KNOWN FENCE IMPACTS PER THE AVAILABLE TOPOGRAPHIC SURVEY.
6. ANY DISRUPTION TO DEC REGULATED WETLANDS WILL BE MINIMIZED. DEC'S FIELD REPRESENTATIVE WILL NOTIFY THE DPS STAFF REPRESENTATIVE AND THE APPLICANT'S REPRESENTATIVE OF ANY ACTIVITIES THAT VIOLATE OR MAY VIOLATE EITHER THE TERMS OF THE CERTIFICATE OR THE ENVIRONMENTAL CONSERVATION LAW. DPS AND DEC STAFFS' FIELD REPRESENTATIVES WILL WORK COOPERATIVELY TO DETERMINE WHETHER STOP WORK AUTHORITY WILL BE EXERCISED, OR WHETHER TO DIRECT THE APPLICANT TO TAKE ACTION TO FURTHER MINIMIZE IMPACTS TO STREAMS AND WETLANDS.
7. RESTRICTED ACTIVITIES PERTAIN TO A BUFFER ZONE OF 100 FEET ON EITHER SIDE OF THE BOUNDARIES OF WATER-RELATED RESOURCES (STREAMS, WETLANDS, SPRINGS, WELLS, DRAINAGE, ETC.) AND INCLUDE THE FOLLOWING RESTRICTIONS:
A. NO DEPOSITION OF SLASH WITHIN IDENTIFIABLE STREAM CHANNELS OR WOOD CHIPS WITHIN 25 FEET OF WETLANDS;
B. NO UNNECESSARY REMOVAL OF WOOD VEGETATION OR DEGRADATION OF STREAM BANKS;
C. NO EQUIPMENT WASHING OR REFUELING EXCEPT AS SPECIFIED IN THE FINAL CONSTRUCTION DRAWINGS;
D. AND NO STORAGE MIXING OR HANDLING OF ANY PETROLEUM OR CHEMICAL MATERIALS IN OPEN CONTAINERS.
8. "AVOID, DO NOT CROSS" INDICATES THAT AN AREA DOES NOT HAVE A DESIGNATED ACCESS ROUTE AND THAT EQUIPMENT IS RESTRICTED FROM CROSSING OR OPERATING IN THAT AREA. THIS DESIGNATION IS APPLIED TO ALL WETLANDS, STREAMS, AND ASSOCIATED BUFFERS THAT DO NOT HAVE APPROVED EQUIPMENT ACCESS, AS DEPICTED ON THE FINAL CONSTRUCTION DRAWINGS
9. CONTRACTOR TO UTILIZE SOLAR SITES AS TEMPORARY LAYDOWN AREAS DURING CONSTRUCTION.
10. PARCEL LINES DEPICTED ON PLANS ARE APPROXIMATE AND ARE FOR CONCEPTUAL PURPOSES ONLY.

PRELIMINARY GENERAL ENVIRONMENTAL RESTRICTIONS:

- 1. ALL EQUIPMENT ACCESS, STORAGE OF EQUIPMENT AND MATERIALS, AND OTHER CONSTRUCTION ACTIVITIES WILL BE CONFINED TO THE ACCESS ROADS, SOLAR SITES, SUBSTATIONS, AND THE COLLECTION LINE AND TRANSMISSION LINE ROUTES AS DEPICTED ON THE FINAL CONSTRUCTION DRAWINGS.
2. EQUIPMENT WILL UTILIZE THE INTERSECTION OF ACCESS ROADS AND EXISTING ROADS FOR TURNING. WORK AREAS, SUCH AS SOLAR SITES AND SUBSTATION AREAS, WILL ALSO PROVIDE AREAS FOR EQUIPMENT TURNING AND PARKING, IN ADDITION TO DESIGNATED TURNING LOCATIONS.
3. FUGITIVE DUST RESULTING FROM CONSTRUCTION ACTIVITIES WILL BE MINIMIZED TO THE MAXIMUM EXTENT PRACTICAL BY IMPLEMENTING APPROPRIATE CONTROL MEASURES. THESE MEASURES INCLUDE THE APPLICATION OF MULCH, WATER, OR STONE ON ACCESS ROADS, EXPOSED SOILS, STOCKPILED SOILS, OR UNPAVED PUBLIC ROADS WHEN DRY AND WINDY CONDITIONS EXIST. A WATERING VEHICLE (OR A VEHICLE CONTAINING AN APPROVED CHEMICAL TREATMENT) WILL BE AVAILABLE ON AN AS-NEEDED BASIS.
4. BOP CONTRACTOR MUST MAINTAIN ALL EQUIPMENT IN GOOD OPERATING CONDITIONS AND ALL MOTORS AND ENGINES WILL BE MUFFLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND WILL COMPLY WITH STATE ENVIRONMENTAL LAW, SUBCHAPTER E, PART 450 (NOISE FROM HEAVY MOTOR VEHICLES); ANY FAULTY NOISE SUPPRESSOR WILL BE REPAIRED OR REPLACED. EQUIPMENT WILL NOT BE LEFT RUNNING UNNECESSARILY, AND EXISTING TALL GROWING VEGETATION WILL BE MAINTAINED, TO THE MAXIMUM EXTENT PRACTICABLE, TO SERVE AS A NOISE BUFFER.
5. WITHIN 100 FEET OF STATE REGULATED WETLANDS AND 50 FEET OF OTHER WATER BODIES, REMOVE ONLY THE MINIMUM VEGETATION NECESSARY TO ALLOW FOR CONSTRUCTION AND OPERATION OF THE FACILITY.
6. STREAMS AND WETLANDS WILL BE PROTECTED FROM INDIRECT IMPACTS DURING CONSTRUCTION BY UTILIZING VARIOUS EROSION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH APPROVED PROJECT STORMWATER POLLUTION PREVENTION PLAN (SWPPP). SUCH MEASURES WILL INCLUDE, BUT NOT BE LIMITED TO, SILT FENCES PLACED BETWEEN WATER RESOURCE BOUNDARIES AND CONSTRUCTION AREAS. EXPOSED SOIL WILL BE SEEDED AND/OR MULCHED, AS SOON AS PRACTICABLE, BUT IN ANY EVENT, NO LATER THAN SEVEN DAYS IN WHICH SITE DISTURBANCE OCCURS, TO ASSURE THAT EROSION AND SILTATION IS KEPT TO A MINIMUM ALONG STREAM AND WETLAND BOUNDARIES.
7. TEMPORARY EROSION CONTROL DEVICES AND STABILIZATION PRACTICES WILL BE INSTALLED SOON AS PRACTICABLE AND APPROPRIATE, IN ACCORDANCE WITH THE SWPPP. EROSION CONTROL DEVICES WILL BE INSTALLED AFTER CLEARING, BUT PRIOR TO SOIL DISTURBANCE.
8. IN THE EVENT THAT ARCHAEOLOGICAL MATERIALS, HUMAN REMAINS, OR EVIDENCE OF HUMAN BURIALS ARE ENCOUNTERED DURING CONSTRUCTION, ALL WORK IN THE VICINITY OF THE FIND WILL BE IMMEDIATELY HALTED AND THE "UNANTICIPATED DISCOVERY PLAN" WILL BE IMPLEMENTED.
9. THE BOP CONTRACTOR WILL LOCATE AND DISTRIBUTE EXCESS EXCAVATION MATERIAL IN NON-AGRICULTURE UPLAND AREAS (I.E., OUTSIDE OF WETLANDS, STREAMS, AND AGRICULTURAL FIELDS). WHERE PRACTICAL, SUCH MATERIAL WILL BE USED AS ROAD FILL OR BACKFILL AROUND STRUCTURES. EROSION CONTROL PRACTICES WILL BE INSTALLED, AND EXPOSED SOILS STABILIZED IN ACCORDANCE WITH THE SWPPP.
10. THE BOP CONTRACTOR WILL NOT LEAVE FUEL FIRED GENERATORS IDLING WHEN THEY ARE NOT IN ACTIVE USE.

APPLICABLE CODES

- CURRENT ADDITION AT THE TIME OF CONSTRUCTION:
• AMERICAN CONCRETE INSTITUTE (ACI)
• AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)
• AMERICAN SOCIETY FOR CIVIL ENGINEERS (ASCE)
• AMERICAN SOCIETY FOR MECHANICAL ENGINEERS (ASME)
• AMERICAN SOCIETY FOR NON-DESTRUCTIVE TESTING (ASNT)
• AMERICAN SOCIETY FOR TESTING MATERIALS (ASTM)
• AMERICAN WELDING SOCIETY (AWS)
• INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS (IEEE)
• INTERNATIONAL ORGANIZATION FOR STANDARDIZATION (ISO)
• NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY (NIST)
• NATIONAL ELECTRIC CODE (NEC)
• NATIONAL ELECTRIC MANUFACTURERS ASSOCIATION (NEMA)
• NATIONAL ELECTRIC SAFETY CODE (NESC)
• NATIONAL ELECTRIC TESTING ASSOCIATION (NETA)
• NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)
• OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)

EGLE NOTE:

PURSUANT TO R 281.832 PIPELINES AND CONDUITS GENERALLY RULE 22 OF SECTION 30110 OF ACT 1994 PA 451, MCL 324.30110 THE APPLICANT PROPOSES TO USE CORRIDORS AND WATERCOURSE CROSSING METHODS THAT, WITH ALL FACTORS CONSIDERED, REPRESENT THE LEAST OVERALL ENVIRONMENTAL IMPACT WHILE STILL ALLOWING THE PROJECT TO BE COMPLETED IN A REASONABLE AND COST EFFECTIVE TIME FRAME. MORE SPECIFICALLY, THE APPLICANT PROPOSES TO USE DIRECTIONAL DRILLING/BORING METHODS TO INSTALL THE PROPOSED UNDERGROUND ELECTRICAL COLLECTION LINE STREAM CROSSINGS THAT WILL BE A MINIMUM OF 10-FEET DEEP FROM THE TOP OF THE PROPOSED CONDUIT TO THE BOTTOM OF THE STREAM; THE ENTRY AND EXIST BORE PITS WILL BE FAR ENOUGH AWAY FROM THE STREAM TO ASSURE THAT THE BANKS WILL NOT BE DISTURBED; THE ENTRY AND EXIST BORE PITS WILL BE LOCATED OUTSIDE ANY NATURAL RIVER DESIGNATION SETBACKS (PLEASE NOTE, THE PROJECT DOES NOT CONTAIN ANY NATURAL RIVER DESIGNATIONS); AND THE BORINGS WILL BE CONDUCTED IN A MANNER THAT WILL NOT RESULT IN THE ERUPTION/RELEASE OF ANY DRILLING FLUIDS UP THROUGH THE GROUND AND INTO THE LAKE OR STREAM. THEREFORE THE ACTIVITIES WILL NOT BE REGULATED BY PART 301.

THE EGLE NO PERMIT REQUIRED DOCUMENTATION WILL BE OBTAINED AND PROVIDED TO THE TOWNSHIP PRIOR TO CONSTRUCTION.

PRELIMINARY EROSION & SEDIMENT CONTROL NOTES:

- 1. REFER TO THE CONSTRUCTION SEQUENCE IN THE PRELIMINARY SWPPP.
2. THE BOP CONTRACTOR WILL INSTALL EROSION AND SEDIMENT CONTROL PRACTICES AS SHOWN ON THE SWPPP, AS WARRANTED BY SITE CONDITIONS, AND THROUGHOUT ALL PHASES OF CONSTRUCTION.
3. ALL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE CONSTRUCTED AND OPERATED IN ACCORDANCE WITH THEIR DESIGN. ANY NECESSARY REPAIRS SHALL BE MADE IMMEDIATELY TO ASSURE THE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION THROUGHOUT THE CONSTRUCTION PROCESS.
4. CONSTRUCTION ENTRANCES WILL BE INSTALLED FOR THE ACCESS ROUTES AT EACH JUNCTION WITH A PUBLIC ROAD, UNLESS OTHERWISE INDICATED ON THE FINAL CONSTRUCTION DRAWINGS.
5. INSTALL SILT FENCE ON THE DOWNSTREAM SIDE OF ALL DISTURBED AREAS, AS NECESSARY.
6. PLACE CHECK DAMS IN ALL SWALES/DITCHES, WHERE SPECIFIED IN THE FINAL CONSTRUCTION DRAWINGS, IN ACCORDANCE WITH THE STATE'S STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.
7. THE CONTRACTOR SHALL PLACE SOIL AND EXCESS EXCAVATED EARTH IN TEMPORARY STOCK PILE AREAS THAT DO NOT INTERFERE WITH CONSTRUCTION ACTIVITIES, AND STORMWATER RUNOFF, AND ARE NOT IN ENVIRONMENTALLY SENSITIVE AREAS. STOCK PILES SHALL BE STABILIZED PER THE DETAIL.
8. ALL DISTURBED AREAS SHALL BE STABILIZED PER THE STATE'S STANDARDS FOR EROSION AND SEDIMENT CONTROL, AS NECESSARY BASED ON SITE CONDITIONS.
9. AFTER CONSTRUCTION IS COMPLETE, THE CONTRACTOR SHALL ROUGH GRADE, RE-APPLY STOCKPILED TOPSOIL, FINE GRADE, SEED, AND MULCH ALL DISTURBED AREAS PLANNED FOR VEGETATIVE COVER.
10. CONSTRUCTION WORK AREAS AND ACCESS ROUTES MAY BE IMPROVED, AS NECESSARY, TO ALLOW CONSTRUCTION ACCESS. ANY IMPROVEMENTS, UNLESS DEEMED PERMANENT, MUST BE REMOVED AT THE COMPLETION OF CONSTRUCTION AND THE AREA RESTORED TO PRE-CONSTRUCTION CONDITION.
11. THE CONTRACTOR IS RESPONSIBLE FOR THE PLACEMENT, DESIGN, APPROVAL, AND OPERATION OF CONCRETE WASHOUTS. THE CONCRETE WASHOUTS SHALL BE INSTALLED A MINIMUM OF 50 FEET AWAY FROM STORM DRAINAGE, SURFACE WATER, OR OTHER SENSITIVE AREAS. CONCRETE WASTE MATERIAL SHALL NOT BE ALLOWED TO OVERFLOW OR OTHERWISE DISCHARGE FROM THE CONCRETE WASHOUT.
12. THE CONTRACTOR SHALL PROVIDE HANDWASHING AND SANITARY FACILITIES, THESE FACILITIES SHALL BE SERVICED REGULARLY AND PROPERLY IN ACCORDANCE WITH LOCAL, STATE AND/OR FEDERAL REQUIREMENTS.

PRELIMINARY AGRICULTURAL LAND-RELATED RESTRICTIONS:

- 1. AGRICULTURAL MITIGATION, RESTORATION, AND CLEAN UP MAY INCLUDE, BUT IS NOT LIMITED TO, THE FOLLOWING: USE OF CONSTRUCTION MATTING, TOPSOIL STRIPPING, REMOVAL OF ROCK 4 INCHES OR LARGER PLACED BY BOP CONTRACTOR, REPLACEMENT OF EXISTING TOPSOIL WITH MATERIALS WHICH WERE STRIPPED IN THE AREA AT THE START OF CONSTRUCTION, SURFACE AND SUBSURFACE SHATTERING, DEEP TILLAGE, REPAIR OF FUNCTIONING STONE DRAINAGE SYSTEMS, BROKEN TILE OR TILING SYSTEMS, AND INSTALLATION OF NEW INTERCEPT DRAINS.
2. ACCESS ROUTES WILL BE CONSTRUCTED ONLY IN LOCATIONS SHOWN ON THE FINAL CONSTRUCTION DRAWINGS.
3. ALL ACCESS ROUTES WILL BE THE MINIMUM WIDTH NECESSARY TO ACCOMMODATE CONSTRUCTION TRAFFIC.
4. TO PREVENT DAMAGE TO ADJACENT AGRICULTURAL LAND, ALL VEHICLE TRAFFIC AND PARKING WILL BE CONFINED TO THE ACCESS ROADS AND DESIGNATED WORK AREAS AT THE SOLAR AND SUBSTATION FACILITY SITES. ANY NECESSARY PULL-OFFS AND PARKING AREAS WILL BE DEVELOPED OUTSIDE OF ACTIVE AGRICULTURAL FIELDS TO THE EXTENT PRACTICAL.
5. IN REPAIRING ANY DAMAGED DRAINAGE LINES, KNITTED FILTER COVERING WILL GENERALLY NOT BE USED AROUND CORRUGATED PLASTIC TUBING (TO AVOID POTENTIAL SILT ACCUMULATION AND SEAL-OFF OF DRAINAGE LINES).
6. IMMEDIATELY FOLLOWING CONSTRUCTION ACTIVITY, THE WORK AREAS WILL BE THOROUGHLY AND SAFELY CLEARED OF NUTS, BOLTS, SPIKES, WIRE, PIECES OF STEEL, AND OTHER ASSORTED ITEMS.
7. THE FUNCTIONS SERVED BY ACTIVE FARM FENCES AND GATES AFFECTED BY THE CONSTRUCTION WILL BE TEMPORARILY SUSTAINED THROUGHOUT ALL PHASES OF CONSTRUCTION AND SUCH SEGMENTS OF AFFECTED FENCES AND GATES WILL BE REBUILT AT A MINIMUM TO IT PRE-CONSTRUCTION CONDITION OR AS AGREED TO WITH THE LANDOWNER.
8. NO PIN FLAGS WILL BE USED IN AGRICULTURAL FIELDS.

QUALITY ASSURANCE NOTES

- 1. FOLLOW AND ADHERE TO ALL MANUFACTURERS INSTALLATION REQUIREMENTS
2. ALL BACKFILL AND COMPACTION SHALL COMPLY WITH GEOTECH REPORT.
3. ALL ELECTRICAL TERMINATIONS SHALL BE TORQUED TO MANUFACTURERS' SPECIFICATIONS. WHERE THEY ARE NOT SPECIFIED, REFER TO UL STANDARDS 486A AND 486B. FINAL TORQUE TEST DOCUMENTATION SHALL BE PROVIDED TO OWNER OR HIS REPRESENTATIVE, WITH ONE OR THE OTHER IN WITNESS AT RANDOM TIMES.
4. LINE AND LOAD CONDUCTORS SHALL BE BRACED AND SUPPORTED (LASHED, HELD FIRMLY IN PLACE) IN ACCORDANCE WITH THE EQUIPMENT MANUFACTURERS' SPECIFICATIONS AND NECA/IBEW APPROVED INSTALLATION PRACTICES.

PRELIMINARY SPECIFIC STREAM CROSSING RESTRICTIONS:

- 1. CONSTRUCTION WORK IN STREAMS WILL CONFORM TO APPROPRIATE TIMING RESTRICTIONS TO PROTECT IMPORTANT FISHERIES RESOURCES. DURING SPAWNING AND PRIMARY MIGRATION PERIODS, STREAMS SUBJECT TO SUCH RESTRICTIONS WILL BE DETERMINED IN THE FIELD BY REPRESENTATIVES OF THE DEC AND THE APPLICANT, PRIOR TO CONSTRUCTION. FOR COLD WATER FISHERIES IN THE PROJECT AREA, CONSTRUCTION WORK IN STREAMS WILL BE PROHIBITED BETWEEN OCTOBER 1 AND MAY 31 TO AVOID TROUT SPAWNING PERIODS. FOR WARM WATER FISHERIES, CONSTRUCTION WORK IN STREAMS WILL BE PROHIBITED BETWEEN MARCH 1 AND JULY 15. HOWEVER, ONCE INSTALLED, SUCH CROSSINGS CAN BE USED BY CONSTRUCTION VEHICLES THROUGHOUT THE DURATION OF PROJECT CONSTRUCTION. ANY EXCEPTIONS TO THESE PROHIBITED PERIODS REQUIRE PRIOR APPROVAL BY DPS STAFF, IN CONSULTATION WITH DEC.

EQUIPMENT SPECIFICATIONS

THE FOLLOWING EQUIPMENT SPECIFICATION AND SUBMITTALS SHALL BE PROVIDED TO AND APPROVED BY THE ENGINEER OF RECORD PRIOR TO INSTALLATION:
• PV EQUIPMENT INCLUDING: SOLAR MODULE, MOUNTING SYSTEM, TRANSFORMERS, INVERTERS
• CONDUCTORS AND CABLES INCLUDING: MEDIUM VOLTAGE CABLES, LOW VOLTAGE CABLES, PV DC WIRING, AND CONTROL CABLES
• PROTECTIVE DEVICES INCLUDING: CIRCUIT BREAKERS, FUSES AND RELAYS

PRELIMINARY SPECIFIC WETLAND CROSSING RESTRICTIONS:

- 1. ANY REQUIRED TEMPORARY ACCESS ROUTE WILL BE REMOVED FOLLOWING CONSTRUCTION.
2. IN ALL CASES, THE PRE-DISTURBANCE FLOW REGIME MUST BE MAINTAINED.
3. DURING EXCAVATION IN WETLANDS, TEMPORARY SPOIL STOCKPILES WILL BE PLACED ON CONSTRUCTION MATTING. FOLLOWING BACKFILL, ANY EXCESS SPOIL NOT USED AS STRUCTURE BACKFILL WILL BE DISPOSED OF AT AN UPLAND SITE AS APPROVED BY THE ENVIRONMENTAL INSPECTOR (NO BULL-DOZING, BACK-BLADING, OR OTHERWISE SPREADING OF EXCESS SPOIL OVER THE WETLAND SURFACE).
4. EROSION CONTROL AND OTHER WETLAND PROTECTION MEASURES WILL BE IMPLEMENTED AS SPECIFIED IN THE SWPPP.
5. BOP CONTRACTOR WILL INSTALL AND MAINTAIN SILT FENCING AND SEDIMENT BARRIERS WHEREVER EXCAVATION OR FILLING ACTIVITIES OCCUR ADJACENT TO OR WITHIN WETLAND AREAS AS INDICATED ON THE SWPPP DRAWINGS.

MOUNTING HEIGHTS

MOUNTING HEIGHTS SHALL BE TO BOTTOM OF BOX, UNLESS OTHERWISE NOTED. WHERE BACK BOXES OF DIFFERENT SIZES ARE USED AND MOUNTED NEXT TO EACH OTHER OR ON THE SAME WALL, USE A COMMON HEIGHT.

Table with 4 columns: Equipment Type, Height, Equipment Type, Height. Includes: RECEPTACLE 18", RECEPTACLE WIREWAYS 43", SWITCHES 48", MOTOR STARTERS, TO TOP 72", DISCONNECTS, TO TOP 72", JUNCTION BOXES 15" (MIN), TELECOMMUNICATION OUTLET 18", PANEL BOARDS, TO TOP 72", CABINETS, TO TOP 72"

OPERATION AND MANAGEMENT YARD

THE O&M OCCUPANCY WILL BE 2-4 PEOPLE.

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FAYETTE TOWNSHIP
HILLSDALE COUNTY, MI

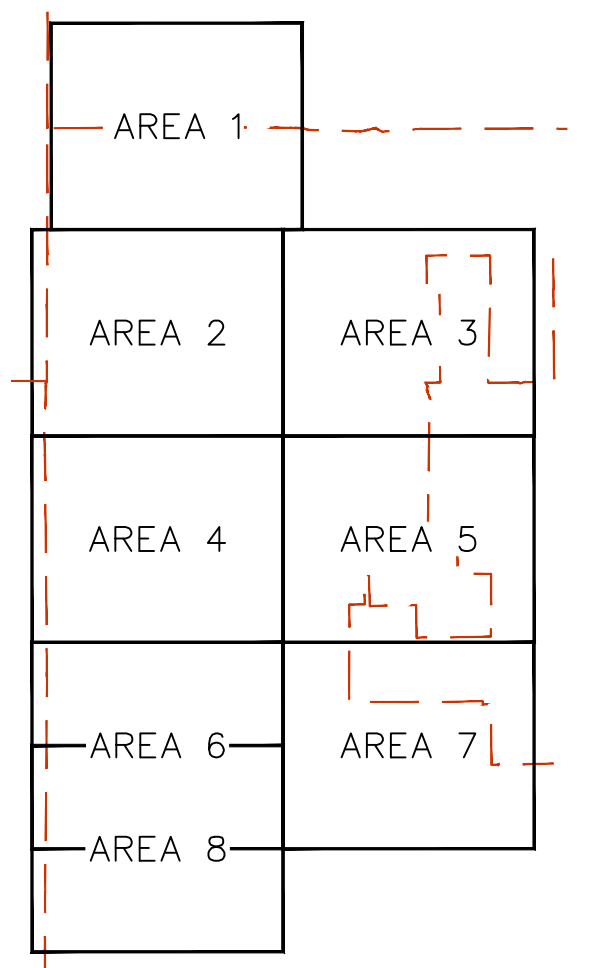
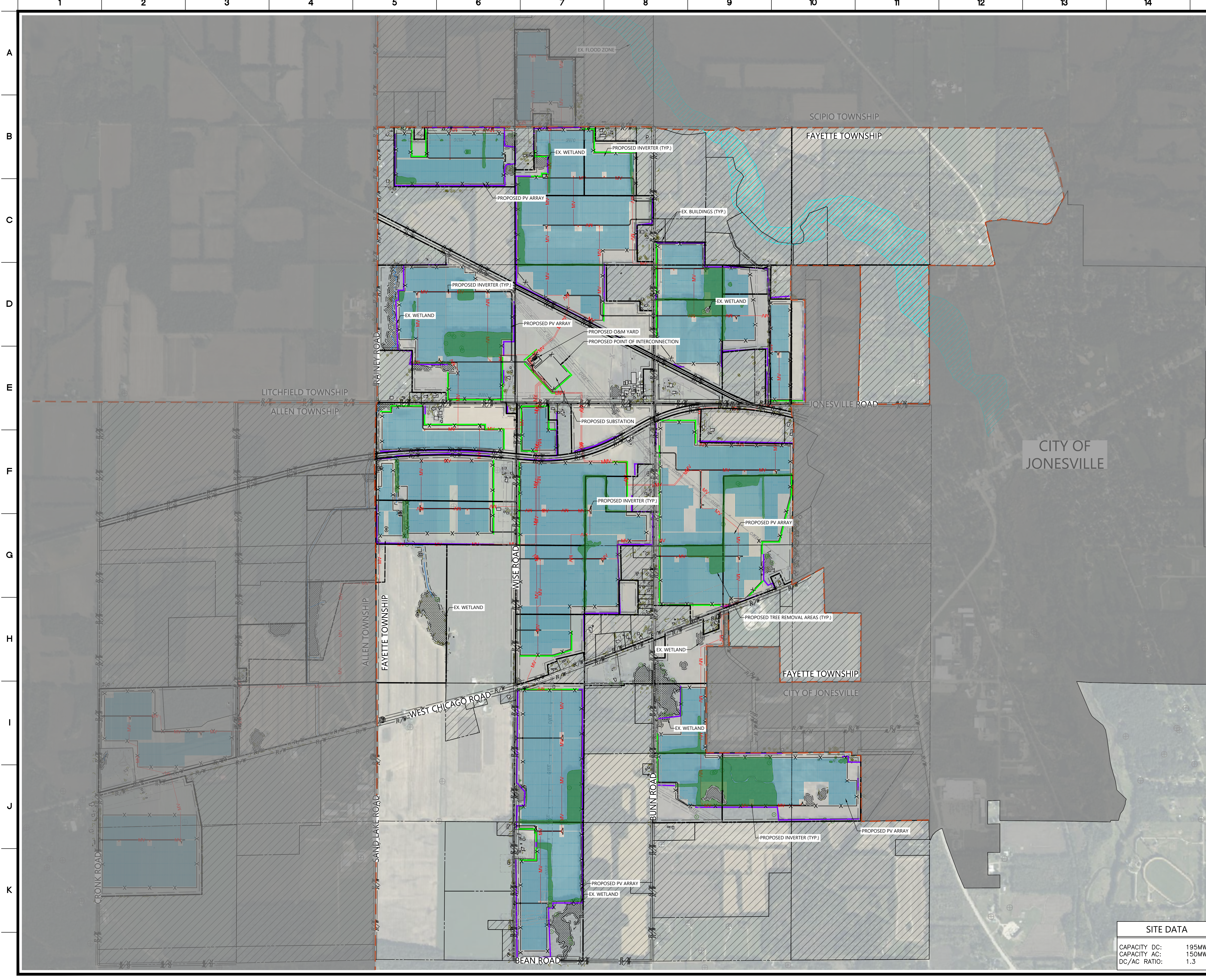
RANGER POWER
HEARTWOOD SOLAR
FINAL SITE PLAN
NOTES

Table with 2 columns: Date, Review/Revision. Includes: DATE 6/23/2022, 6/22/22 CLIENT REVIEW, 6/16/22 CLIENT REVIEW, 9/20/23 TOWNSHIP REVIEW, NOT FOR CONSTRUCTION, REVISIONS, DRAWN BY: MB, CHECKED BY: PR, PROJECT MANAGER: -, JOB #: 21005513, FILE CODE: ##, SHEET NO. 4

FILE NAME: E:\100 PROJ\21005513_Bridge Power_Mechanical_Solar\LD_Bridge\12_Bridge\12.dwg DATE: 6/23/2022 12:51 PM PLOTTED BY: Tasha P. Wilson 9/29/2022 9:52 AM PLOTTER: HP DesignJet T1200 Plotter PLOTTED BY: Tasha P. Wilson 9/29/2022 9:52 AM PLOTTER: HP DesignJet T1200 Plotter

NOT-ISSUED-FOR-CONSTRUCTION CAD FILE C:\010-21005513 NOTES & LEGENDS

FILE NAME: E:\100_21005513_Ranger Power Heartwood Solar\100_21005513_OVERALL SITE PLAN.dwg DATE: 6/23/2022 1:45 AM PLOTTED BY: Scott Peterson 6/23/2022 PLOTTER: ADI81 FULL REED D (24.00 X 36.00 INCHES) DWG: DWG TO PDF.PCS PLOT STYLE: 100LW.ctb



VICINITY MAP

- NOTES:**
1. THE PROPOSED ARRAY IS SETBACK A MINIMUM OF 150' FROM NEARBY RESIDENCES. THE NEAREST INVERTER TO A RESIDENCE IS 397'.
 2. THE PROPOSED ARRAY IS SETBACK A MINIMUM OF 50' FROM ALL NON-PARTICIPATING PARCELS & PUBLIC RIGHT-OF-WAYS.
 3. THE PROPOSED TREE REMOVAL AREA INSIDE OF THE FENCED PV ARRAY IS 101 ACRES. IT IS UNDERSTOOD THAT FUTURE ADDITIONAL TREE REMOVAL SHALL BE REQUIRED OUTSIDE OF THE ARRAY FENCE.

- LEGEND:**
- PROPOSED SOLAR ARRAY
 - PROPOSED INVERTER
 - PROPOSED ACCESS DRIVE
 - PROPOSED FENCE
 - PROPOSED TRANSMISSION LINE
 - EXISTING O.H. POWERLINE
 - EXISTING ROAD RIGHT OF WAY
 - EXISTING ADJACENT PARCEL BOUNDARY
 - EXISTING SETBACK
 - EXISTING DRAIN
 - EXISTING STREAM
 - EXISTING WETLAND
 - EXISTING WETLAND SETBACK
 - NON-PARTICIPATING LANDOWNER
 - EXISTING STRUCTURE
 - EXISTING TREELINE
 - EXISTING TREE
 - EXISTING LANDMARK TREE
 - TREE REMOVAL AREA
 - EXISTING PUBLIC ROAD
 - EXISTING TOWNSHIP BOUNDARY
 - PROPOSED SCREENING
 - EXISTING VEGETATION
 - EXISTING WATER WELL
 - EXISTING UNDERGROUND STORAGE TANK

SITE DATA	
CAPACITY DC:	195MW
CAPACITY AC:	150MW
DC/AC RATIO:	1.3

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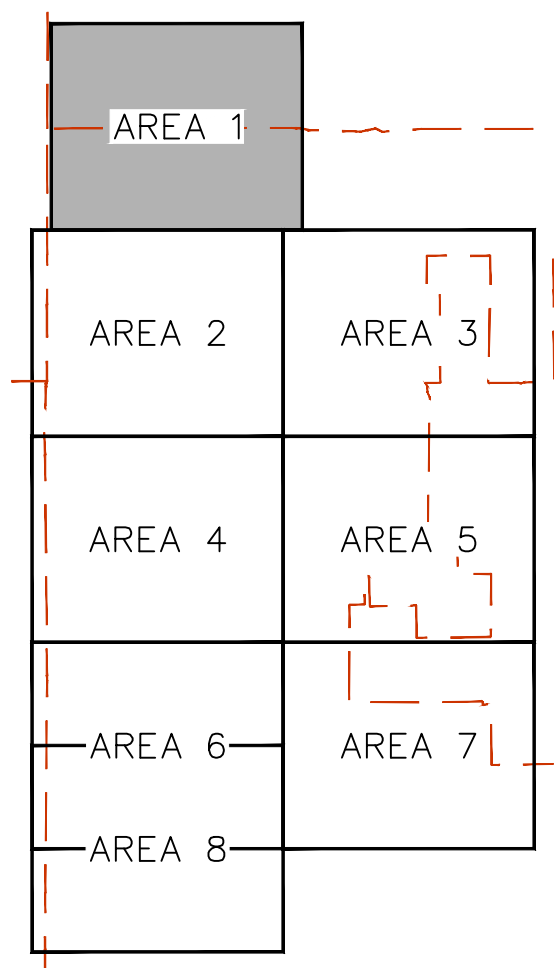
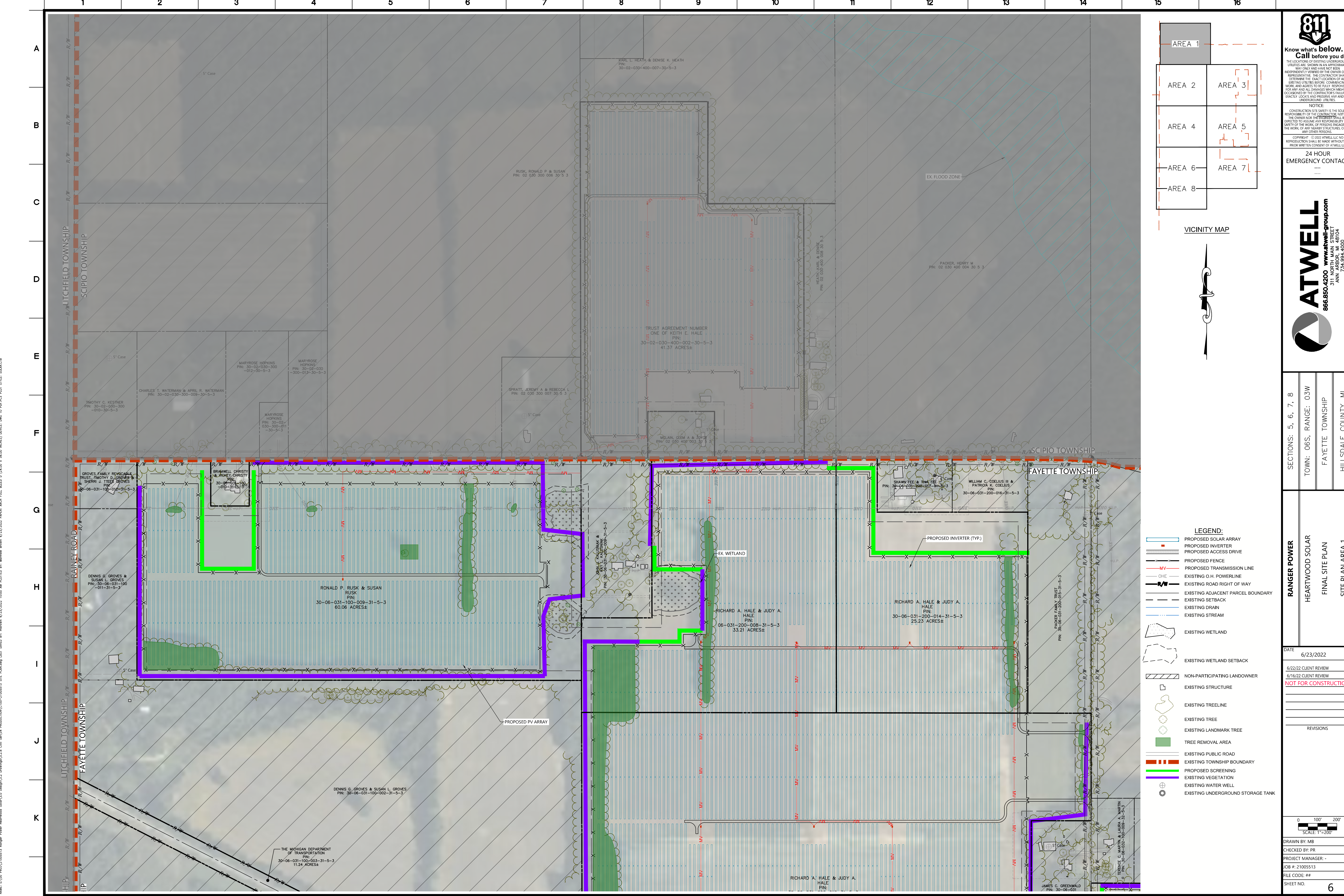
SECTIONS:	5, 6, 7, 8
TOWN:	06S, RANGE: 03W
FAYETTE TOWNSHIP	
HILLSDALE COUNTY, MI	

RANGER POWER	
HEARTWOOD SOLAR	
FINAL SITE PLAN	
OVERALL SITE PLAN	

DATE	6/23/2022
6/22/22 CLIENT REVIEW	
6/16/22 CLIENT REVIEW	
9/30/22 TOWNSHIP REVIEW	
NOT FOR CONSTRUCTION	
REVISIONS	

DRAWN BY:	MB
CHECKED BY:	PR
PROJECT MANAGER:	-
JOB #:	21005513
FILE CODE:	#
SHEET NO.	5

NOT ISSUED FOR CONSTRUCTION



VICINITY MAP



- LEGEND:**
- PROPOSED SOLAR ARRAY
 - PROPOSED INVERTER
 - PROPOSED ACCESS DRIVE
 - PROPOSED FENCE
 - PROPOSED TRANSMISSION LINE
 - EXISTING O.H. POWERLINE
 - EXISTING ROAD RIGHT OF WAY
 - EXISTING ADJACENT PARCEL BOUNDARY
 - EXISTING SETBACK
 - EXISTING DRAIN
 - EXISTING STREAM
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 - EXISTING WETLAND SETBACK
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 - EXISTING TREELINE
 - EXISTING TREE
 - EXISTING LANDMARK TREE
 - TREE REMOVAL AREA
 - EXISTING PUBLIC ROAD
 - EXISTING TOWNSHIP BOUNDARY
 - PROPOSED SCREENING
 - EXISTING VEGETATION
 - EXISTING WATER WELL
 - EXISTING UNDERGROUND STORAGE TANK

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SECTIONS: 5, 6, 7, 8
 TOWN: 06S, RANGE: 03W
 FAYETTE TOWNSHIP
 HILLSDALE COUNTY, MI

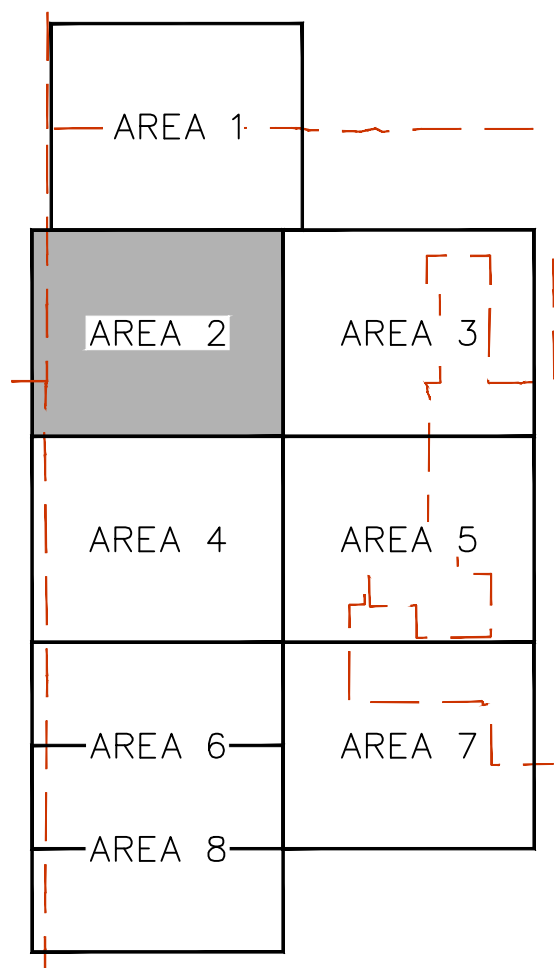
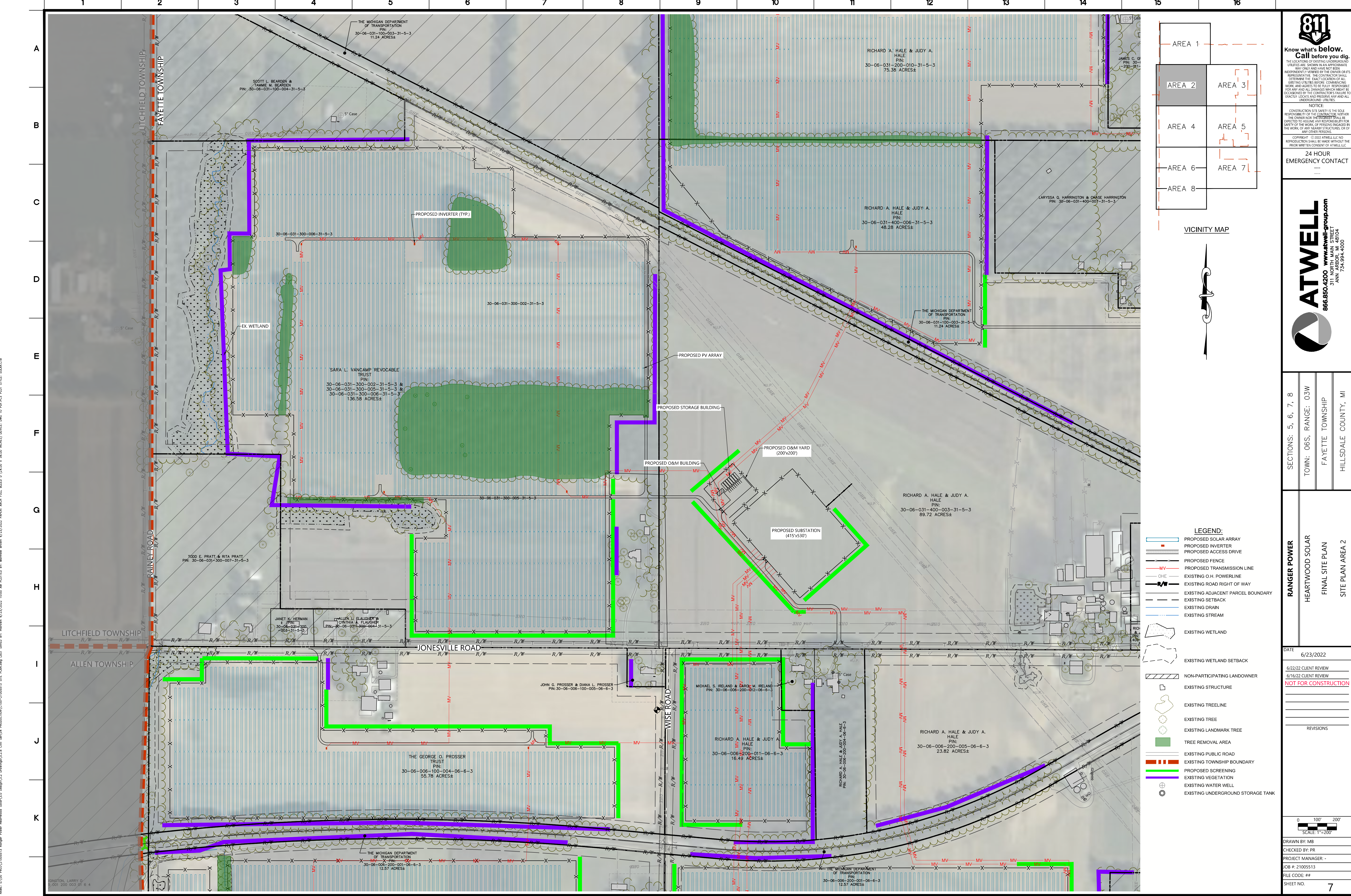
RANGER POWER
 HEARTWOOD SOLAR
 FINAL SITE PLAN
 SITE PLAN AREA 1

DATE: 6/23/2022
 6/22/22 CLIENT REVIEW
 6/16/22 CLIENT REVIEW
NOT FOR CONSTRUCTION

REVISIONS

SCALE: 1"=200'
 0 100' 200'

DRAWN BY: MB
 CHECKED BY: PR
 PROJECT MANAGER: -
 JOB #: 21005513
 FILE CODE: ##
 SHEET NO. **6**



VICINITY MAP

- LEGEND:**
- ▬ PROPOSED SOLAR ARRAY
 - ▬ PROPOSED INVERTER
 - ▬ PROPOSED ACCESS DRIVE
 - ▬ PROPOSED FENCE
 - ▬ PROPOSED TRANSMISSION LINE
 - ▬ EXISTING O.H. POWERLINE
 - ▬ EXISTING ROAD RIGHT OF WAY
 - ▬ EXISTING ADJACENT PARCEL BOUNDARY
 - ▬ EXISTING SETBACK
 - ▬ EXISTING DRAIN
 - ▬ EXISTING STREAM
 - ▬ EXISTING WETLAND
 - ▬ EXISTING WETLAND SETBACK
 - ▬ NON-PARTICIPATING LANDOWNER
 - ▬ EXISTING STRUCTURE
 - ▬ EXISTING TREELINE
 - ▬ EXISTING TREE
 - ▬ EXISTING LANDMARK TREE
 - ▬ TREE REMOVAL AREA
 - ▬ EXISTING PUBLIC ROAD
 - ▬ EXISTING TOWNSHIP BOUNDARY
 - ▬ PROPOSED SCREENING
 - ▬ EXISTING VEGETATION
 - ⊙ EXISTING WATER WELL
 - ⊙ EXISTING UNDERGROUND STORAGE TANK

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 HILLSDALE COUNTY, MI

RANGER POWER
 HEARTWOOD SOLAR
 FINAL SITE PLAN
 SITE PLAN AREA 2

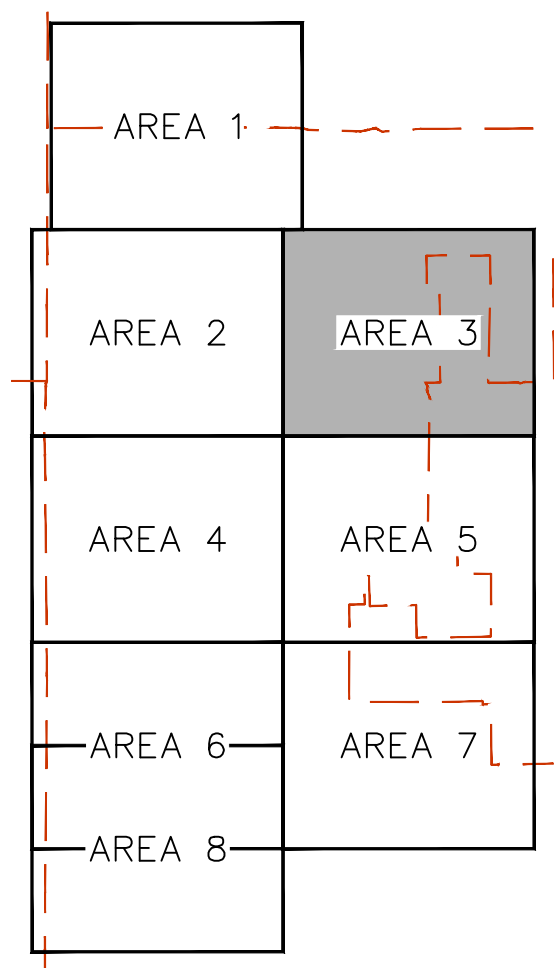
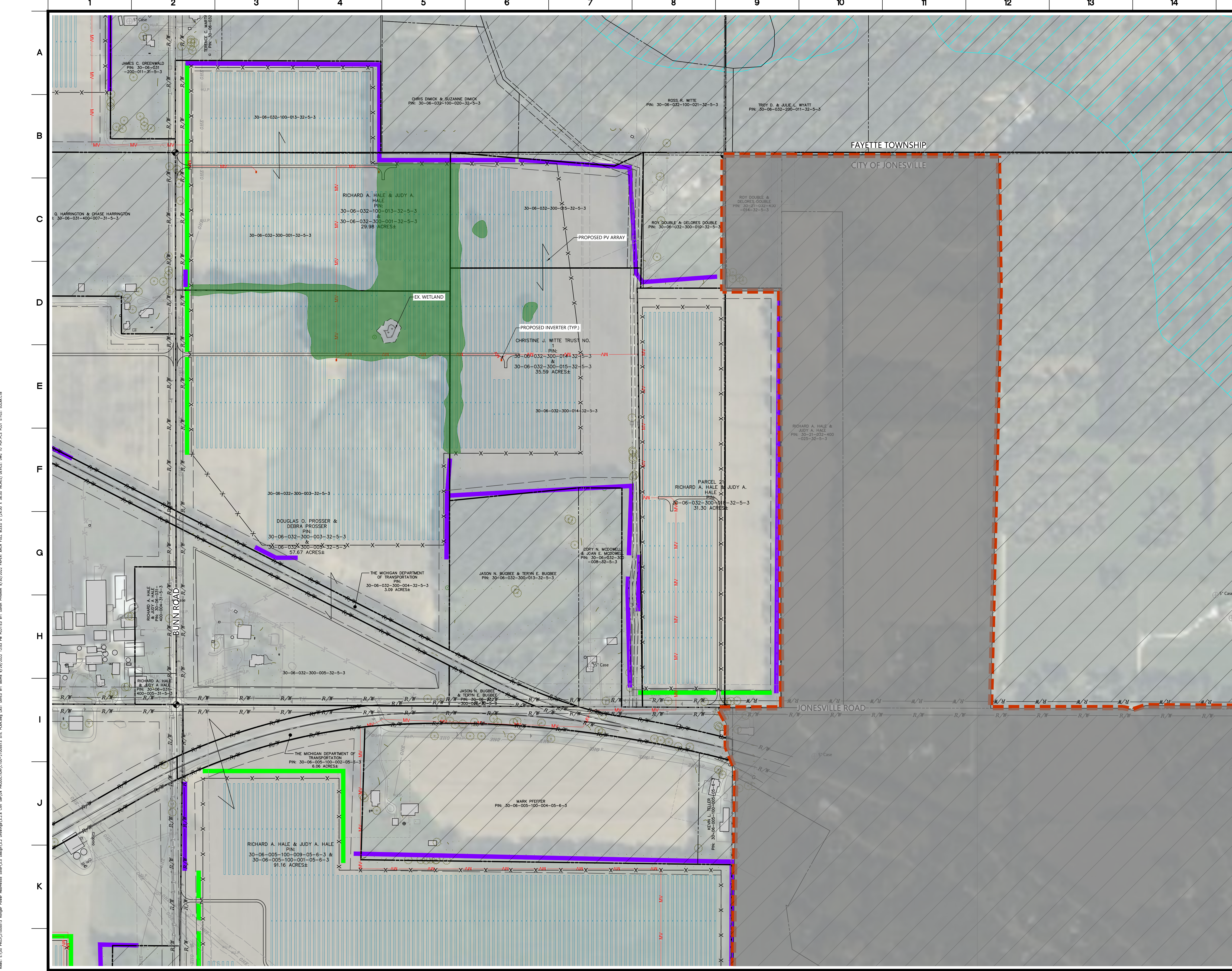
DATE: 6/23/2022
 6/22/22 CLIENT REVIEW
 6/16/22 CLIENT REVIEW
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REVISIONS

SCALE: 1"=200'
 DRAWN BY: MB
 CHECKED BY: PR
 PROJECT MANAGER: -
 JOB #: 2105513
 FILE CODE: ##
 SHEET NO. **7**

NOT FOR CONSTRUCTION

FILE NAME: E:\100 PROJ\2105513 Ranger Power Heartwood Solar\12 Drawings\12 Final\12 Final Site Plan Area 2.dwg
 PLOT DATE: 6/23/2022 10:00 AM
 PLOT BY: MB
 PLOT SCALE: 1"=200'
 PLOT SHEET: 7 OF 8



VICINITY MAP

- LEGEND:**
- PROPOSED SOLAR ARRAY
 - PROPOSED INVERTER
 - PROPOSED ACCESS DRIVE
 - PROPOSED FENCE
 - PROPOSED TRANSMISSION LINE
 - OHE - EXISTING O.H. POWERLINE
 - EXISTING ROAD RIGHT OF WAY
 - EXISTING ADJACENT PARCEL BOUNDARY
 - EXISTING SETBACK
 - EXISTING DRAIN
 - EXISTING STREAM
 - EXISTING WETLAND
 - EXISTING WETLAND SETBACK
 - NON-PARTICIPATING LANDOWNER
 - EXISTING STRUCTURE
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 - EXISTING TREE
 - EXISTING LANDMARK TREE
 - TREE REMOVAL AREA
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HILLSDALE COUNTY, MI

RANGER POWER
HEARTWOOD SOLAR
FINAL SITE PLAN
SITE PLAN AREA 3

DATE: 6/23/2022

6/22/22 CLIENT REVIEW
6/16/22 CLIENT REVIEW
9/30/22 TOWNSHIP REVIEW
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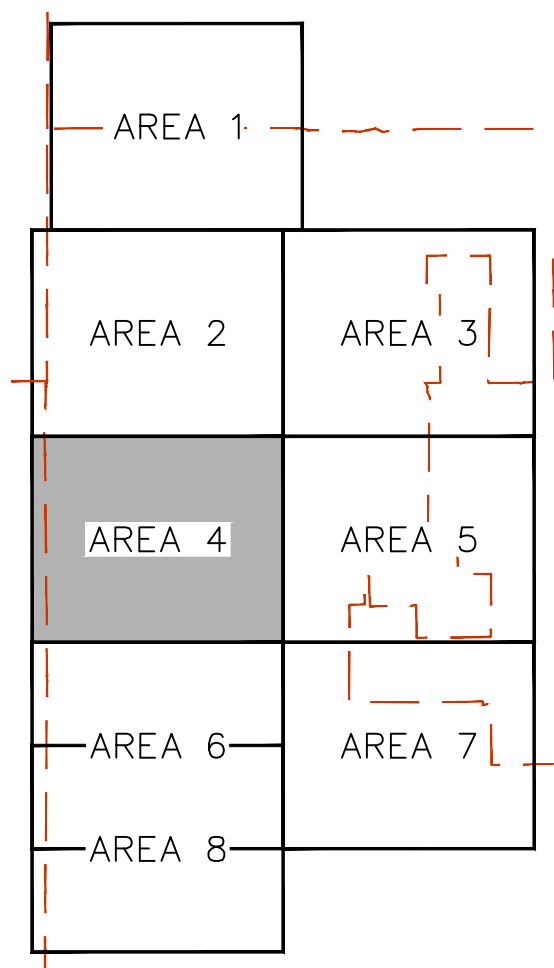
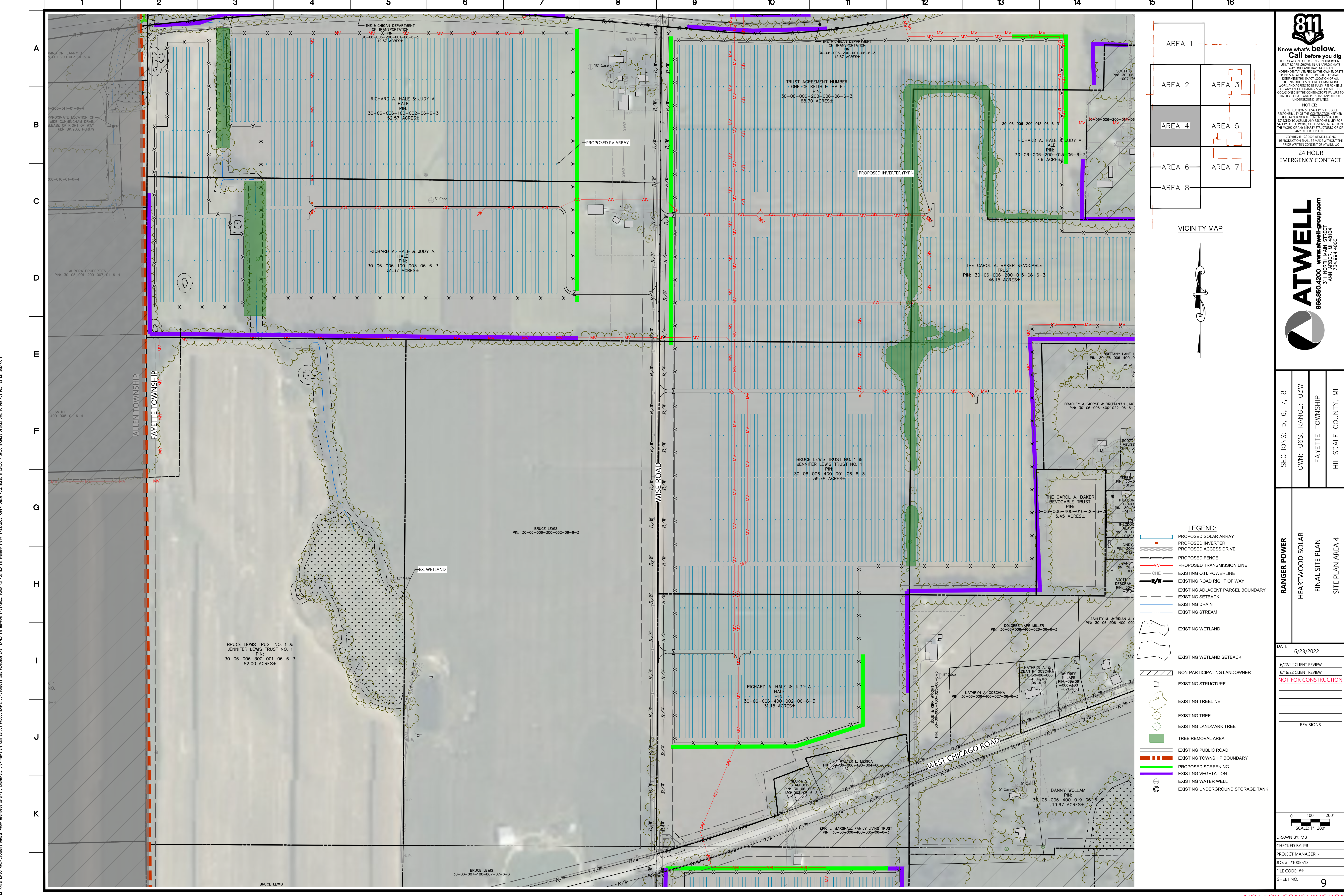
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CHECKED BY: PR
PROJECT MANAGER: -
JOB #: 21005513
FILE CODE: ##
SHEET NO. 8

NOT ISSUED FOR CONSTRUCTION
CAD FILE: C:\02\21005513 SITE PLAN

NOT FOR CONSTRUCTION



VICINITY MAP



- LEGEND:**
- PROPOSED SOLAR ARRAY
 - PROPOSED INVERTER
 - PROPOSED ACCESS DRIVE
 - PROPOSED FENCE
 - PROPOSED TRANSMISSION LINE
 - EXISTING O.H. POWERLINE
 - EXISTING ROAD RIGHT OF WAY
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 FAYETTE TOWNSHIP
 HILLSDALE COUNTY, MI

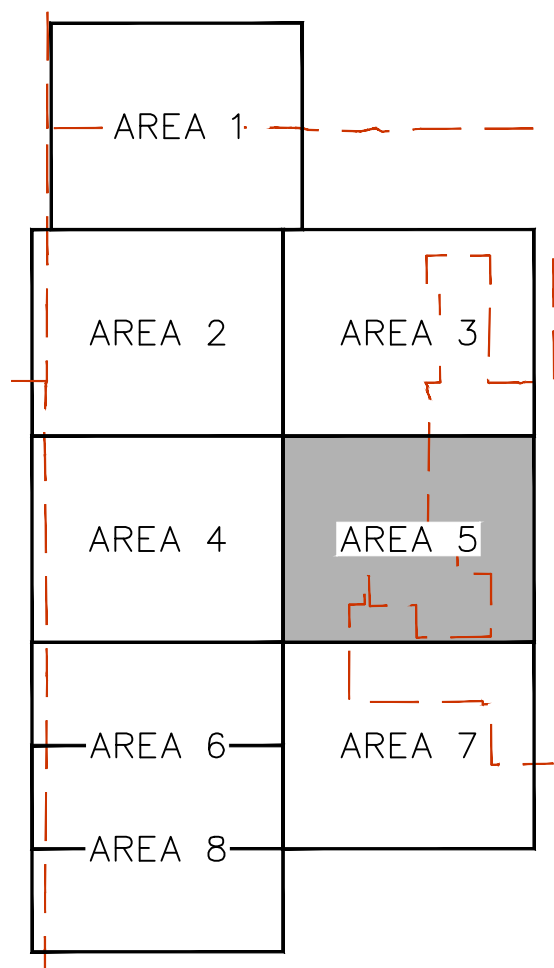
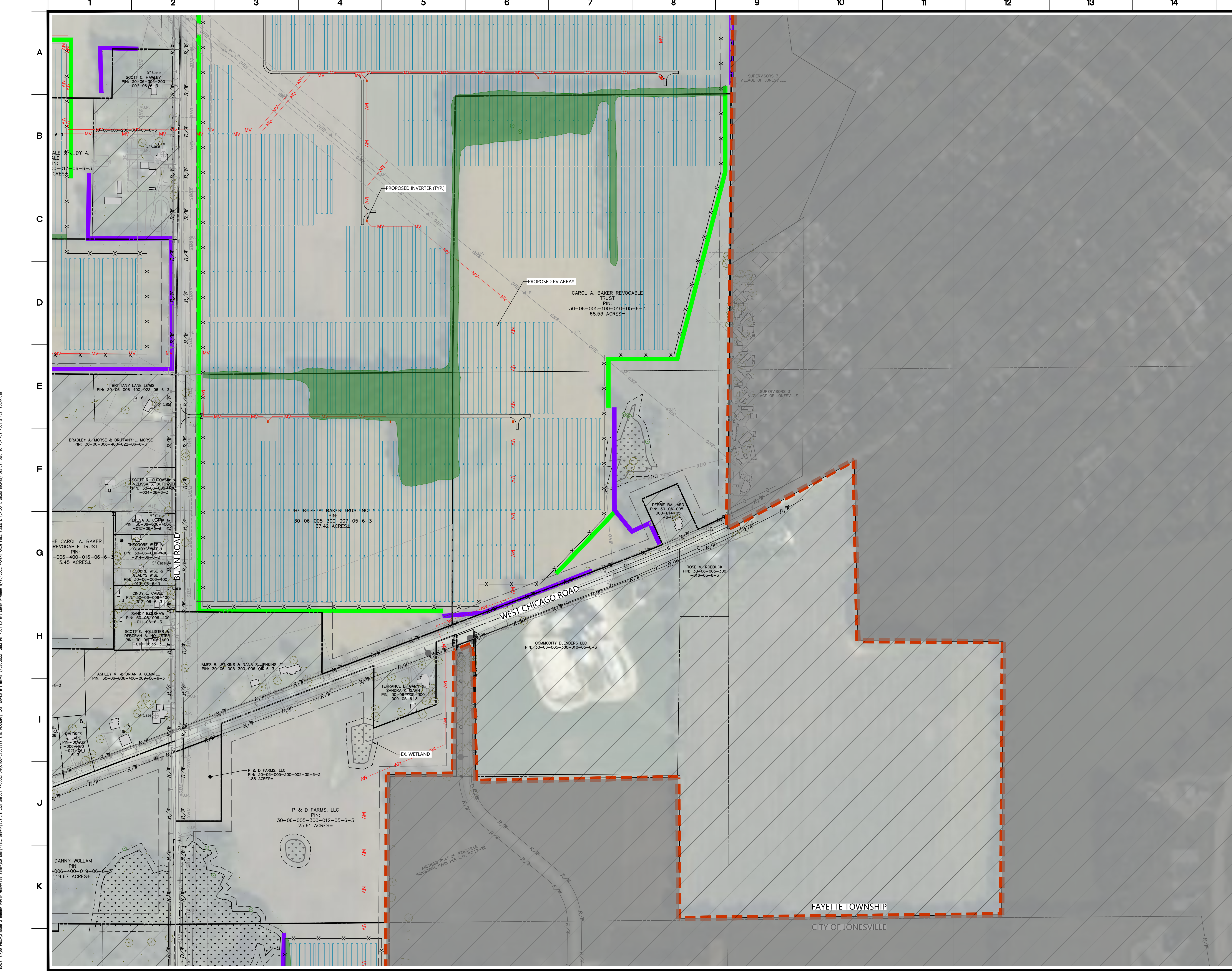
RANGER POWER
 HEARTWOOD SOLAR
 FINAL SITE PLAN
 SITE PLAN AREA 4

DATE: 6/23/2022
 6/22/22 CLIENT REVIEW
 6/16/22 CLIENT REVIEW
 NOT FOR CONSTRUCTION

REVISIONS

SCALE: 1"=200'
 DRAWN BY: MB
 CHECKED BY: PR
 PROJECT MANAGER: -
 JOB #: 21005513
 FILE CODE: ##
 SHEET NO. 9

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VICINITY MAP



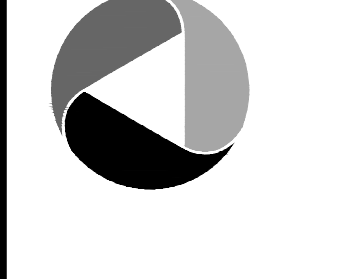
- LEGEND:**
- PROPOSED SOLAR ARRAY
 - PROPOSED INVERTER
 - PROPOSED ACCESS DRIVE
 - PROPOSED FENCE
 - PROPOSED TRANSMISSION LINE
 - EXISTING O.H. POWERLINE
 - EXISTING ROAD RIGHT OF WAY
 - EXISTING ADJACENT PARCEL BOUNDARY
 - EXISTING SETBACK
 - EXISTING DRAIN
 - EXISTING STREAM
 - EXISTING WETLAND
 - EXISTING WETLAND SETBACK
 - NON-PARTICIPATING LANDOWNER
 - EXISTING STRUCTURE
 - EXISTING TREELINE
 - EXISTING TREE
 - EXISTING LANDMARK TREE
 - TREE REMOVAL AREA
 - EXISTING PUBLIC ROAD
 - EXISTING TOWNSHIP BOUNDARY
 - PROPOSED SCREENING
 - EXISTING VEGETATION
 - EXISTING WATER WELL
 - EXISTING UNDERGROUND STORAGE TANK

811
Know what's below. Call before you dig.
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 ANN ARBOR, MI 48104
 734.994.4600



SECTIONS: 5, 6, 7, 8
 TOWN: 06S, RANGE: 03W
 FAYETTE TOWNSHIP
 HILLSDALE COUNTY, MI

RANGER POWER
 HEARTWOOD SOLAR
 FINAL SITE PLAN
 SITE PLAN AREA 5

DATE: 6/23/2022

6/22/22 CLIENT REVIEW
 6/16/22 CLIENT REVIEW
 9/30/22 TOWNSHIP REVIEW
NOT FOR CONSTRUCTION

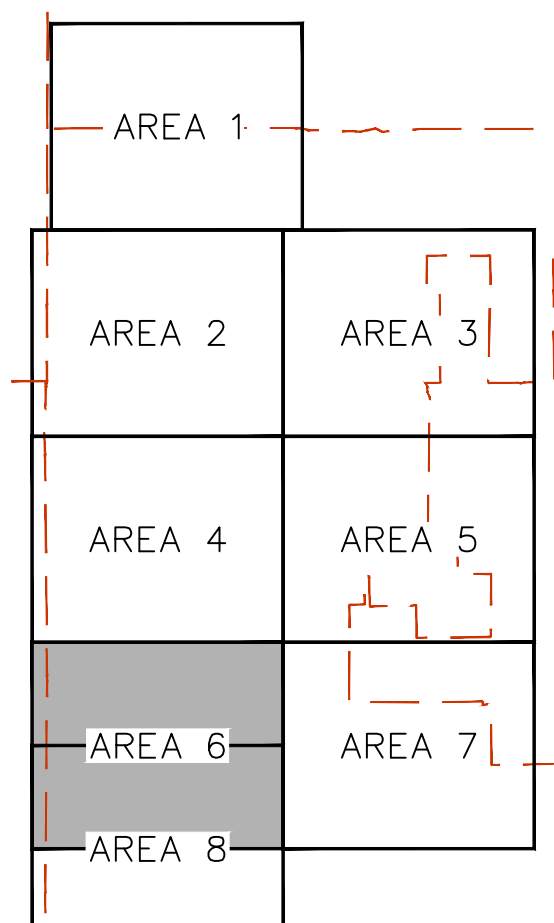
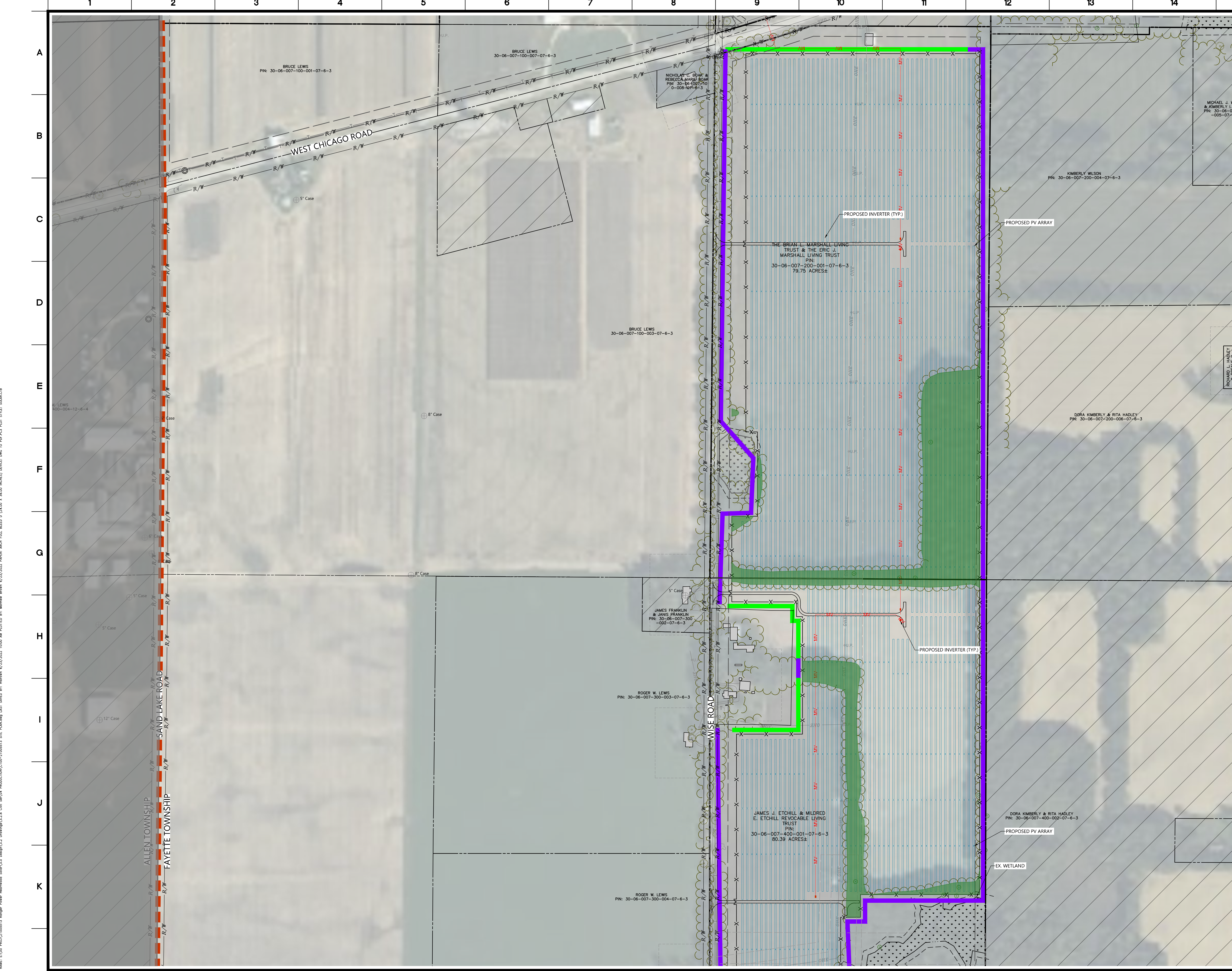
REVISIONS

SCALE: 1"=200'

DRAWN BY: MB
 CHECKED BY: PR
 PROJECT MANAGER: -
 JOB #: 21005513
 FILE CODE: ##
 SHEET NO: 10

CAD FILE: C:\021005513 SITE PLAN

NOT FOR CONSTRUCTION



VICINITY MAP



- LEGEND:**
- PROPOSED SOLAR ARRAY
 - PROPOSED INVERTER
 - PROPOSED ACCESS DRIVE
 - PROPOSED FENCE
 - PROPOSED TRANSMISSION LINE
 - EXISTING O.H. POWERLINE
 - EXISTING ROAD RIGHT OF WAY
 - EXISTING ADJACENT PARCEL BOUNDARY
 - EXISTING SETBACK
 - EXISTING DRAIN
 - EXISTING STREAM
 - EXISTING WETLAND
 - EXISTING WETLAND SETBACK
 - NON-PARTICIPATING LANDOWNER
 - EXISTING STRUCTURE
 - EXISTING TREELINE
 - EXISTING TREE
 - EXISTING LANDMARK TREE
 - TREE REMOVAL AREA
 - EXISTING PUBLIC ROAD
 - EXISTING TOWNSHIP BOUNDARY
 - PROPOSED SCREENING
 - EXISTING VEGETATION
 - EXISTING WATER WELL
 - EXISTING UNDERGROUND STORAGE TANK

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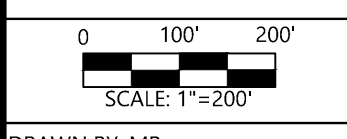
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 ANN ARBOR, MI 48104
 734.994.4600

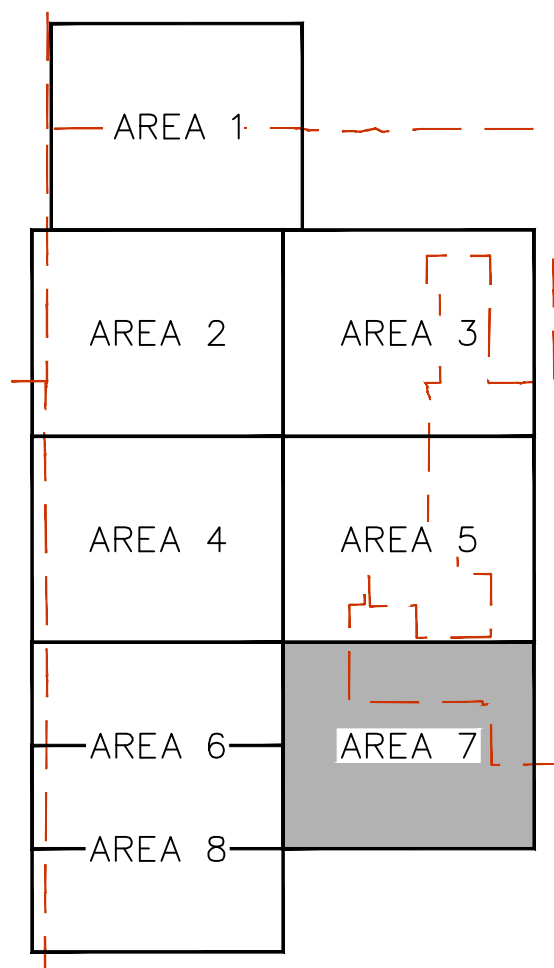
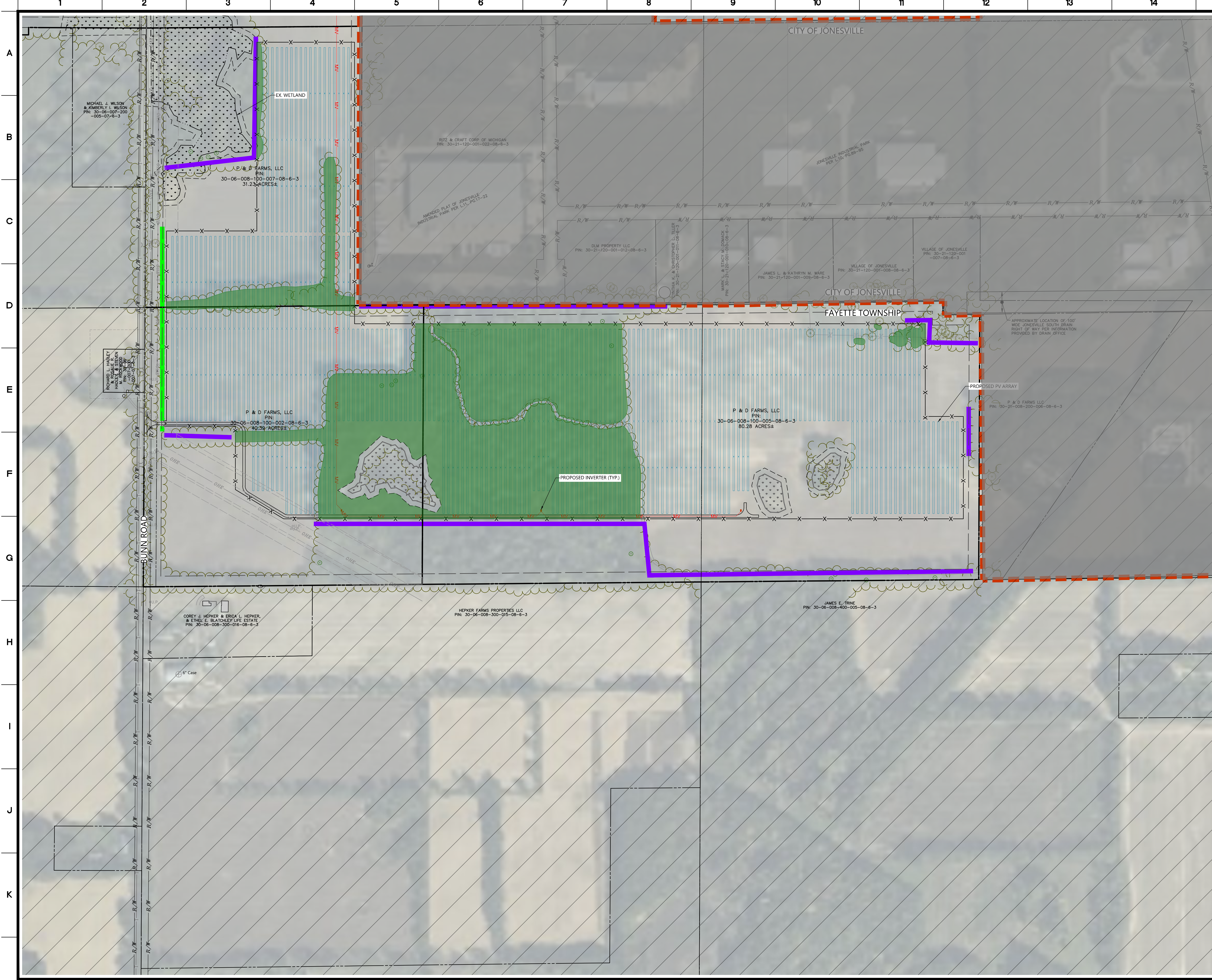
SECTIONS: 5, 6, 7, 8
 TOWN: 06S, RANGE: 03W
 FAYETTE TOWNSHIP
 HILLSDALE COUNTY, MI

RANGER POWER
 HEARTWOOD SOLAR
 FINAL SITE PLAN
 SITE PLAN AREA 6

DATE: 6/23/2022
 6/22/22 CLIENT REVIEW
 6/16/22 CLIENT REVIEW
NOT FOR CONSTRUCTION

REVISIONS
 DRAWN BY: MB
 CHECKED BY: PR
 PROJECT MANAGER: -
 JOB #: 21005513
 FILE CODE: ##
 SHEET NO. **11**





VICINITY MAP



- LEGEND:**
- PROPOSED SOLAR ARRAY
 - PROPOSED INVERTER
 - PROPOSED ACCESS DRIVE
 - PROPOSED FENCE
 - PROPOSED TRANSMISSION LINE
 - EXISTING O.H. POWERLINE
 - EXISTING ROAD RIGHT OF WAY
 - EXISTING ADJACENT PARCEL BOUNDARY
 - EXISTING SETBACK
 - EXISTING DRAIN
 - EXISTING STREAM
 - EXISTING WETLAND
 - EXISTING WETLAND SETBACK
 - NON-PARTICIPATING LANDOWNER
 - EXISTING STRUCTURE
 - EXISTING TREELINE
 - EXISTING TREE
 - EXISTING LANDMARK TREE
 - TREE REMOVAL AREA
 - EXISTING PUBLIC ROAD
 - EXISTING TOWNSHIP BOUNDARY
 - PROPOSED SCREENING
 - EXISTING VEGETATION
 - EXISTING WATER WELL
 - EXISTING UNDERGROUND STORAGE TANK

811
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SECTIONS: 5, 6, 7, 8
 TOWN: 06S, RANGE: 03W
 FAYETTE TOWNSHIP
 HILLSDALE COUNTY, MI

RANGER POWER
 HEARTWOOD SOLAR
 FINAL SITE PLAN
 SITE PLAN AREA 7

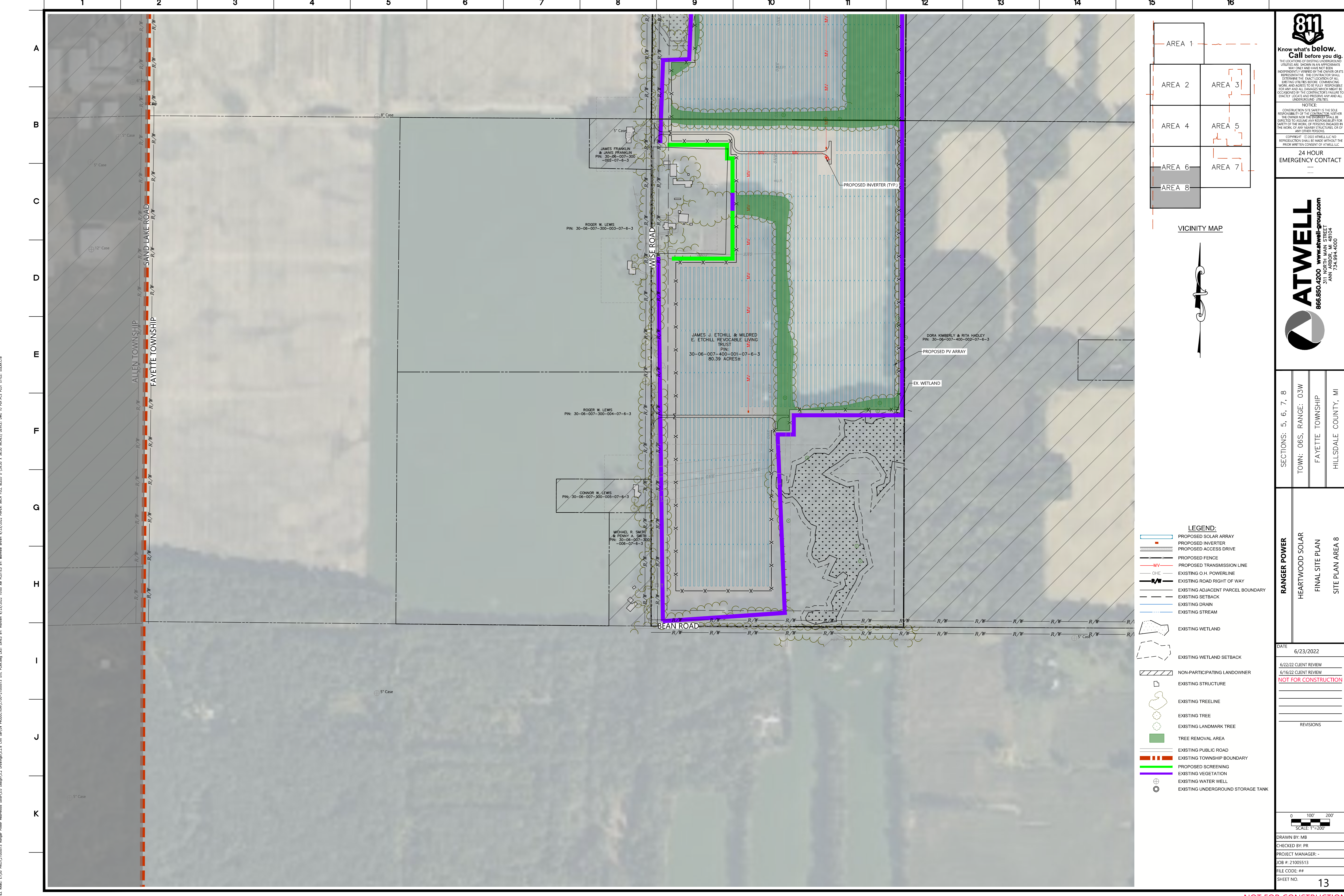
DATE: 6/23/2022
 6/22/22 CLIENT REVIEW
 6/16/22 CLIENT REVIEW
NOT FOR CONSTRUCTION

REVISIONS

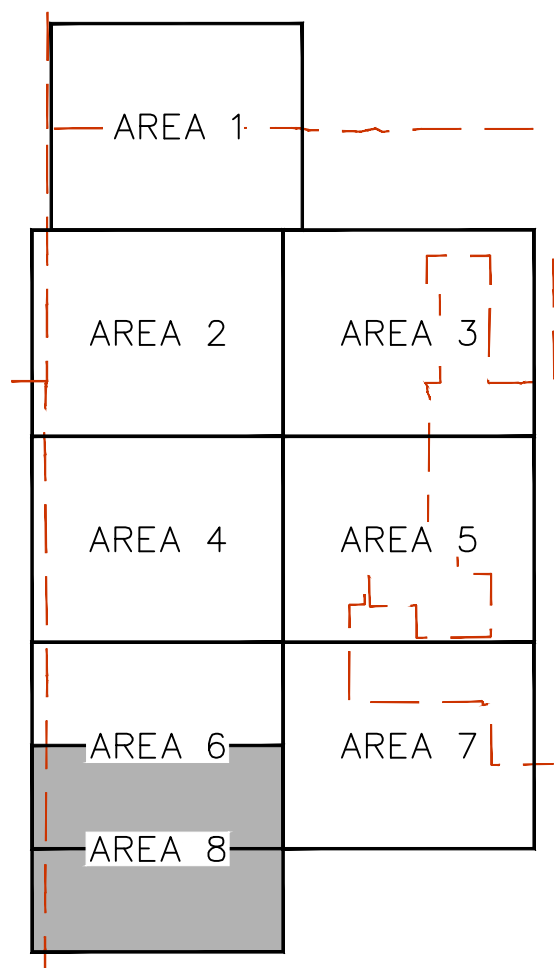
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 DRAWN BY: MB
 CHECKED BY: PR
 PROJECT MANAGER: -
 JOB #: 21005513
 FILE CODE: ##
 SHEET NO. **12**

NOT ISSUED FOR CONSTRUCTION CAD FILE: C10021005513 SITE PLAN

NOT FOR CONSTRUCTION



FILE NAME: E:\100 PROJ\21005513 RANGER POWER HEARTWOOD SOLAR\12 DRAWING\12 SITE PLAN\12 SITE PLAN.dwg
 DATE: 6/23/2022 10:00 AM
 USER: MB
 PLOT DATE: 6/23/2022 10:00 AM
 PLOT SCALE: 1"=200'
 PLOT SHEET: 13 OF 13



VICINITY MAP



- LEGEND:**
- PROPOSED SOLAR ARRAY
 - PROPOSED INVERTER
 - PROPOSED ACCESS DRIVE
 - PROPOSED FENCE
 - PROPOSED TRANSMISSION LINE
 - EXISTING O.H. POWERLINE
 - EXISTING ROAD RIGHT OF WAY
 - EXISTING ADJACENT PARCEL BOUNDARY
 - EXISTING SETBACK
 - EXISTING DRAIN
 - EXISTING STREAM
 - EXISTING WETLAND
 - EXISTING WETLAND SETBACK
 - NON-PARTICIPATING LANDOWNER
 - EXISTING STRUCTURE
 - EXISTING TREELINE
 - EXISTING TREE
 - EXISTING LANDMARK TREE
 - TREE REMOVAL AREA
 - EXISTING PUBLIC ROAD
 - EXISTING TOWNSHIP BOUNDARY
 - PROPOSED SCREENING
 - EXISTING VEGETATION
 - EXISTING WATER WELL
 - EXISTING UNDERGROUND STORAGE TANK

811
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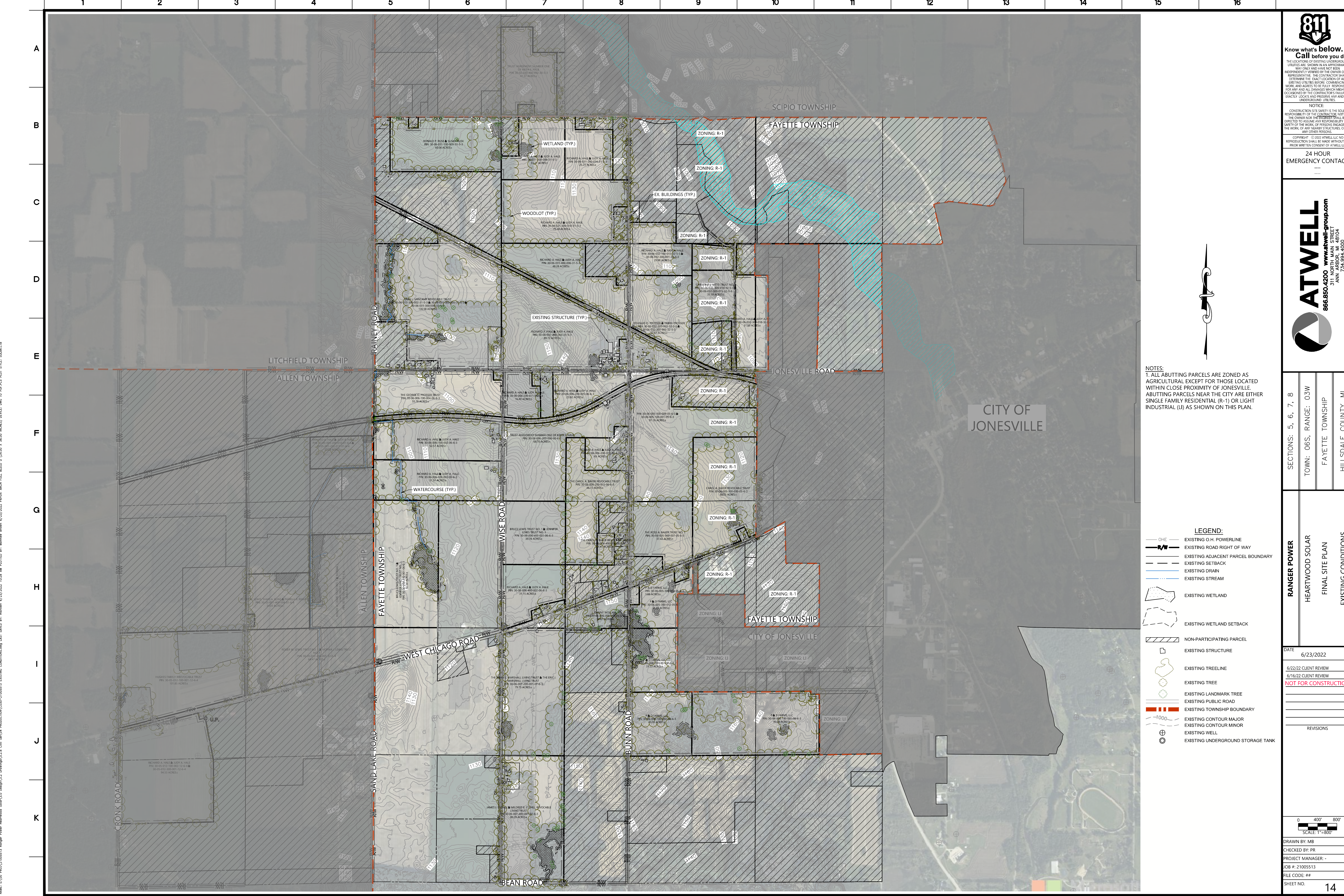
SECTIONS: 5, 6, 7, 8
 TOWN: 06S, RANGE: 03W
 FAYETTE TOWNSHIP
 HILLSDALE COUNTY, MI

RANGER POWER
 HEARTWOOD SOLAR
 FINAL SITE PLAN
 SITE PLAN AREA 8

DATE	6/23/2022
5/22/22 CLIENT REVIEW	
6/16/22 CLIENT REVIEW	
NOT FOR CONSTRUCTION	
REVISIONS	
SCALE: 1"=200'	
DRAWN BY: MB	
CHECKED BY: PR	
PROJECT MANAGER: -	
JOB #: 21005513	
FILE CODE: ##	
SHEET NO.	13

NOT ISSUED FOR CONSTRUCTION CAD FILE: C:\0021005513 SITE PLAN

NOT FOR CONSTRUCTION



FILE NAME: E:\100 PROJ\21005513 Ranger Power Heartwood Solar\1005513 EXISTING CONDITIONS.dwg LAST SAVED BY: mbarone 6/23/2022 10:25 AM PLOTTED BY: mbarone 6/23/2022 10:25 AM PLOTTER: HP-DesignJet 2400 Plotter PLOT SCALE: 1"=800'

NOTES:
 1. ALL ABUTTING PARCELS ARE ZONED AS AGRICULTURAL EXCEPT FOR THOSE LOCATED WITHIN CLOSE PROXIMITY OF JONESVILLE. ABUTTING PARCELS NEAR THE CITY ARE EITHER SINGLE FAMILY RESIDENTIAL (R-1) OR LIGHT INDUSTRIAL (LI) AS SHOWN ON THIS PLAN.

- LEGEND:**
- OH-E
 - EXISTING O.H. POWERLINE
 - EXISTING ROAD RIGHT OF WAY
 - EXISTING ADJACENT PARCEL BOUNDARY
 - EXISTING SETBACK
 - EXISTING DRAIN
 - EXISTING STREAM
 - EXISTING WETLAND
 - EXISTING WETLAND SETBACK
 - NON-PARTICIPATING PARCEL
 - EXISTING STRUCTURE
 - EXISTING TREELINE
 - EXISTING TREE
 - EXISTING LANDMARK TREE
 - EXISTING PUBLIC ROAD
 - EXISTING TOWNSHIP BOUNDARY
 - EXISTING CONTOUR MAJOR
 - EXISTING CONTOUR MINOR
 - EXISTING WELL
 - EXISTING UNDERGROUND STORAGE TANK

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SECTIONS: 5, 6, 7, 8	TOWN: 06S, RANGE: 03W	HILLSDALE COUNTY, MI
RANGER POWER	HEARTWOOD SOLAR	EXISTING CONDITIONS
FINAL SITE PLAN	FAYETTE TOWNSHIP	FAYETTE TOWNSHIP

DATE: 6/23/2022

6/22/22 CLIENT REVIEW

6/16/22 CLIENT REVIEW

NOT FOR CONSTRUCTION

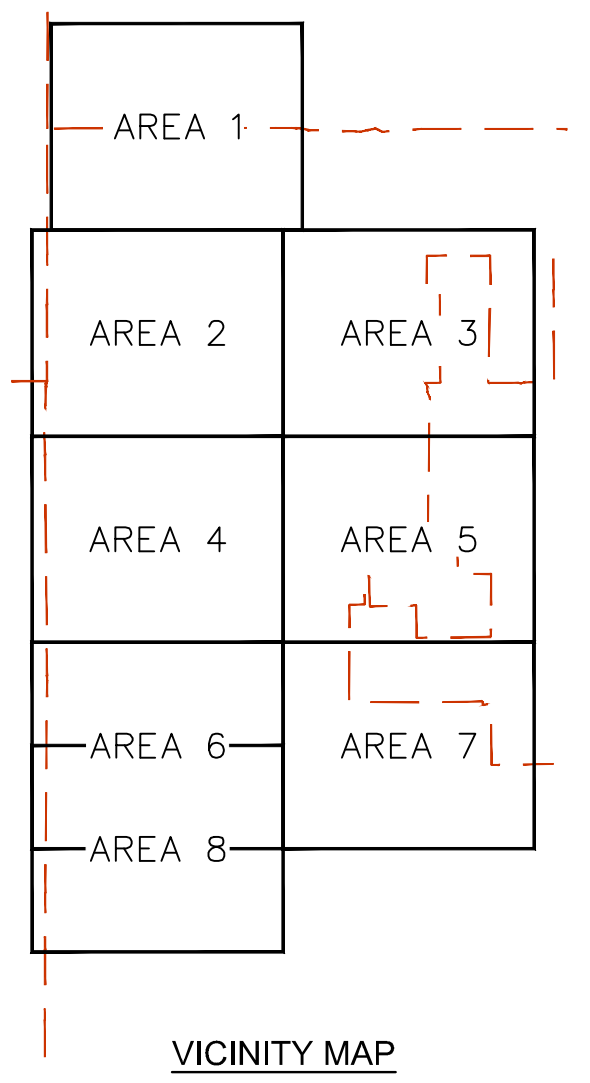
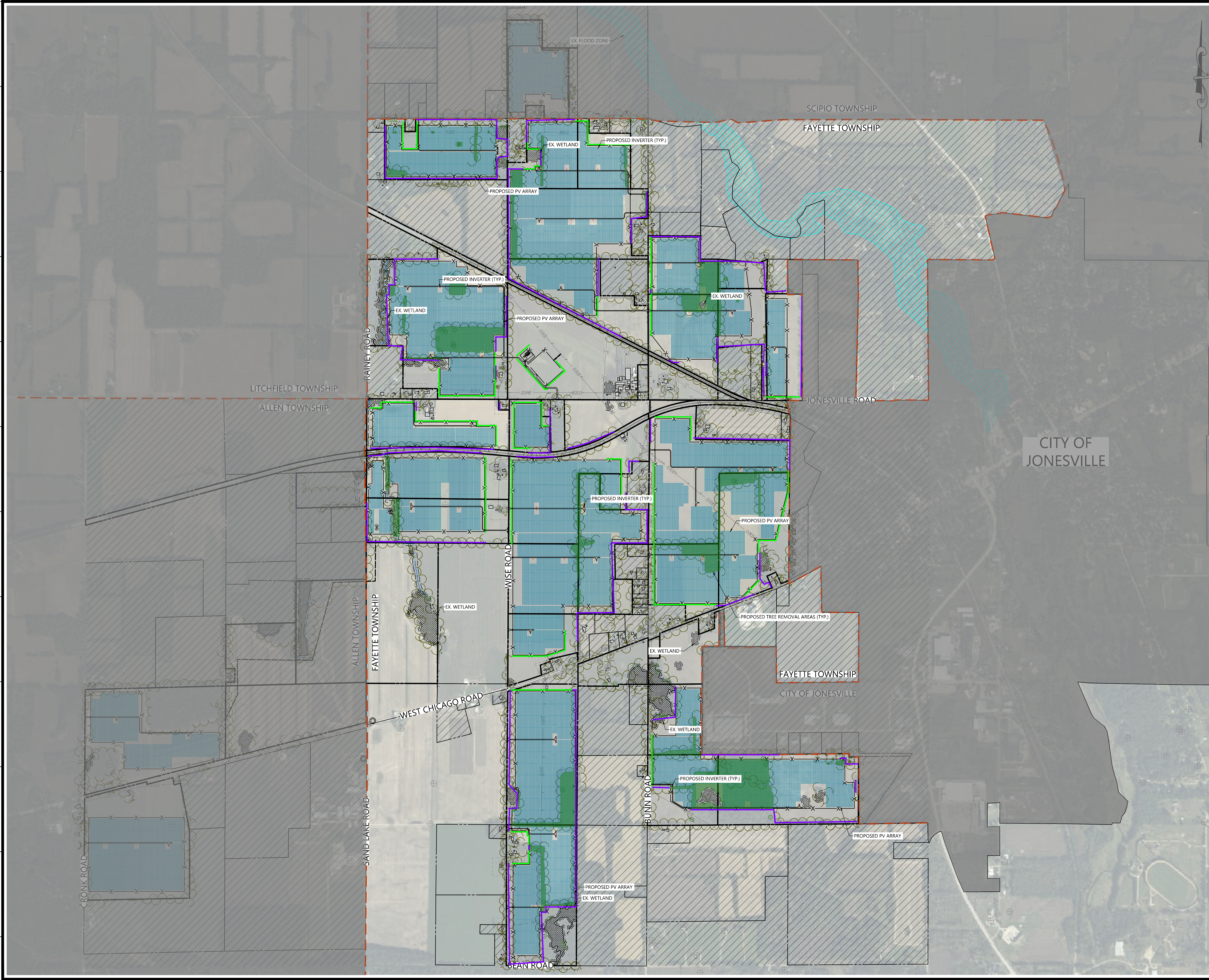
REVISIONS

0 400' 800'
 SCALE: 1"=800'

DRAWN BY: MB	PROJECT MANAGER: -
CHECKED BY: PR	JOB #: 21005513
FILE CODE: ##	SHEET NO. 14

NOT FOR CONSTRUCTION

NOT ISSUED FOR CONSTRUCTION CAD FILE: C3021005513 EXISTING CONDITIONS



NOTES:

1. THE PROPOSED ARRAY IS SETBACK A MINIMUM OF 150' FROM NEARBY RESIDENCES. THE NEAREST INVERTER TO A RESIDENCE IS 397'.
2. THE PROPOSED ARRAY IS SETBACK A MINIMUM OF 50' FROM ALL NON-PARTICIPATING PARCELS & PUBLIC RIGHT-OF-WAYS.
3. THE PROPOSED TREE REMOVAL AREA INSIDE OF THE FENCED PV ARRAY IS 101 ACRES. IT IS UNDERSTOOD THAT FUTURE ADDITIONAL TREE REMOVAL SHALL BE REQUIRED OUTSIDE OF THE ARRAY FENCE.
4. LANDSCAPE BUFFERING SHOWN REPRESENTS THE MAXIMUM EXTENT OF SCREENING. SCREENING WILL BE INSTALLED ALONG PARCEL BOUNDARIES ADJACENT TO NON-PARTICIPATING RESIDENTIAL PROPERTIES, AT A RATE OF AT LEAST SIX (6) TREES PER ONE HUNDRED (100) FEET, IF REQUESTED BY THE LANDOWNER. FROM THE DATE OF PERMIT ISSUANCE THROUGH ONE YEAR OF CONSTRUCTION, OWNERS OF ADJACENT, NON-PARTICIPATING RESIDENCES MAY CONTACT FAYETTE TOWNSHIP AND THE APPLICANT TO FORMALLY REQUEST THAT SUCH LANDSCAPE BUFFERING BE INSTALLED.

LEGEND:

- PROPOSED SOLAR ARRAY
- PROPOSED INVERTER
- PROPOSED ACCESS DRIVE
- PROPOSED FENCE
- PROPOSED TRANSMISSION LINE
- EXISTING O.H. POWERLINE
- EXISTING ROAD RIGHT OF WAY
- EXISTING ADJACENT PARCEL BOUNDARY
- EXISTING SETBACK
- EXISTING DRAIN
- EXISTING STREAM
- EXISTING WETLAND
- EXISTING WETLAND SETBACK
- NON-PARTICIPATING LANDOWNER
- EXISTING STRUCTURE
- EXISTING TREELINE
- EXISTING TREE
- EXISTING LANDMARK TREE
- TREE REMOVAL AREA
- EXISTING PUBLIC ROAD
- EXISTING TOWNSHIP BOUNDARY
- EXISTING SCREENING
- EXISTING VEGETATION

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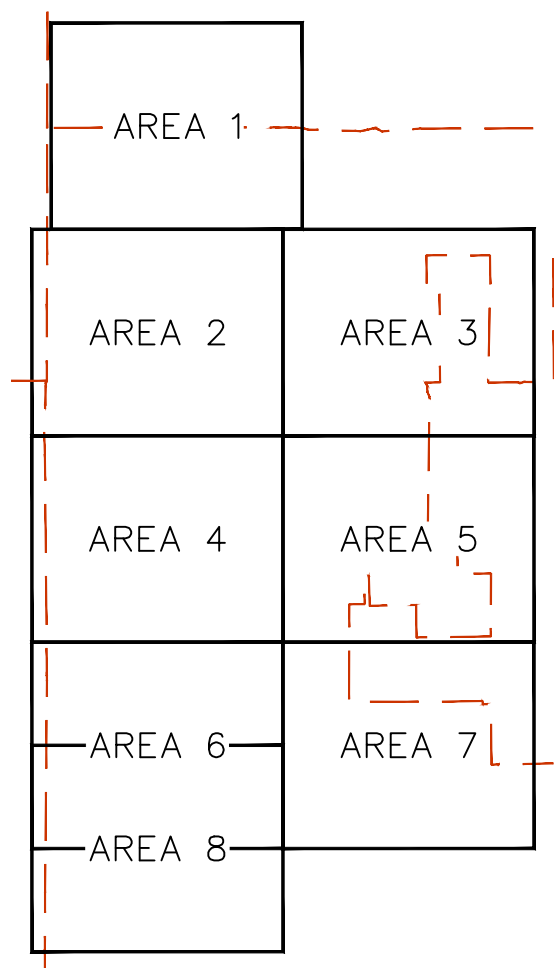
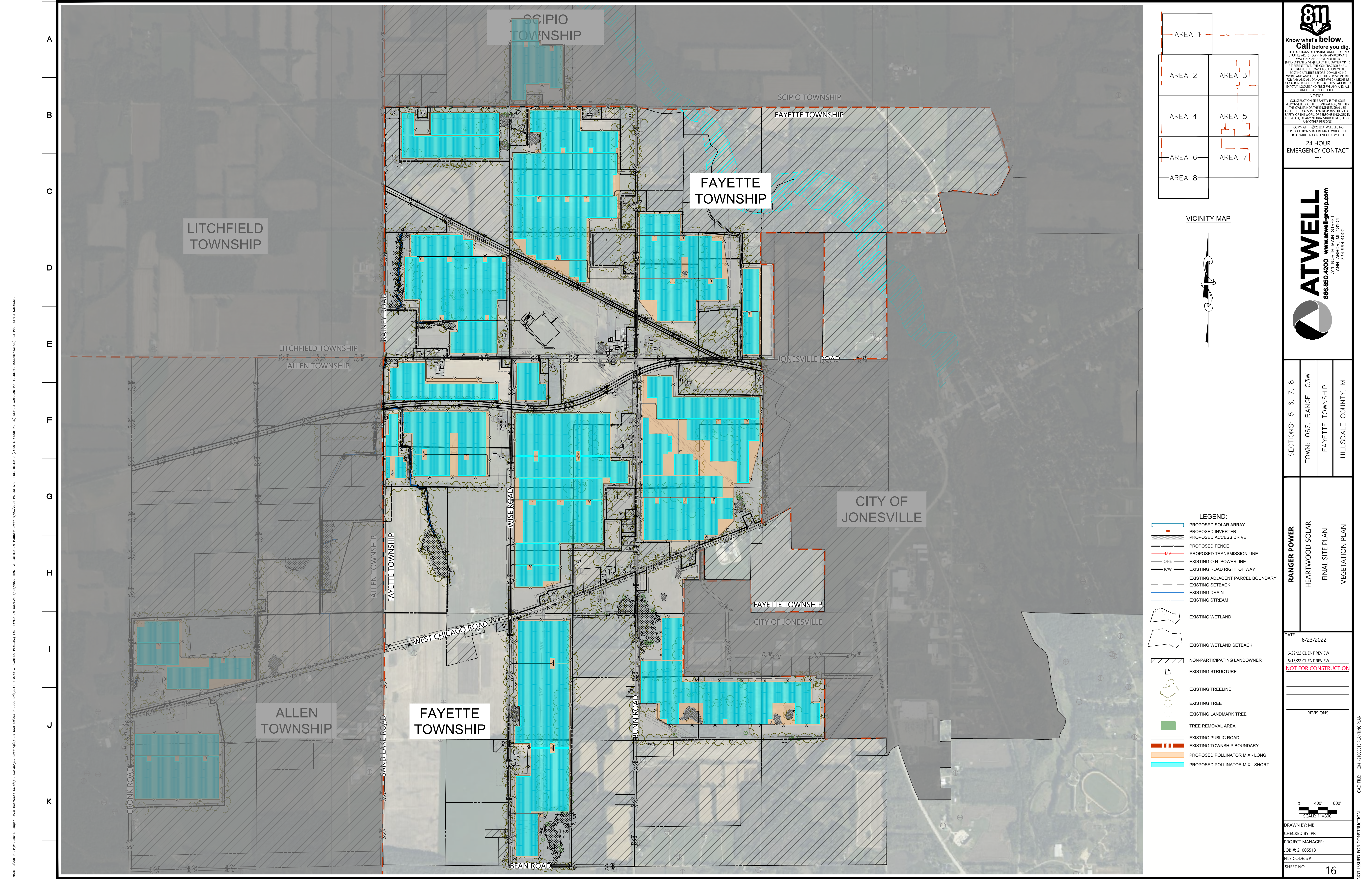
SECTIONS: 5, 6, 7, 8
TOWN: 06S, RANGE: 03W
FAYETTE TOWNSHIP
HILLSDALE COUNTY, MI

RANGER POWER
HEARTWOOD SOLAR
FINAL SITE PLAN
LANDSCAPING PLAN

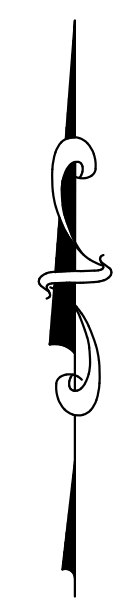
DATE	6/23/2022
5/22/22 CLIENT REVIEW	
6/16/22 CLIENT REVIEW	
NOT FOR CONSTRUCTION	

REVISIONS

0 400' 800'
SCALE: 1"=800'
DRAWN BY: MB
CHECKED BY: PR
PROJECT MANAGER: -
JOB #: 21005513
FILE CODE: ##
SHEET NO. 15



VICINITY MAP



- LEGEND:**
- ▬ PROPOSED SOLAR ARRAY
 - ▬ PROPOSED INVERTER
 - ▬ PROPOSED ACCESS DRIVE
 - ▬ PROPOSED FENCE
 - ▬ PROPOSED TRANSMISSION LINE
 - MV- PROPOSED TRANSMISSION LINE
 - ▬ EXISTING O.H. POWERLINE
 - ▬ EXISTING ROAD RIGHT OF WAY
 - ▬ EXISTING ADJACENT PARCEL BOUNDARY
 - ▬ EXISTING SETBACK
 - ▬ EXISTING DRAIN
 - ▬ EXISTING STREAM
 - ▬ EXISTING WETLAND
 - ▬ EXISTING WETLAND SETBACK
 - ▬ NON-PARTICIPATING LANDOWNER
 - ▬ EXISTING STRUCTURE
 - ▬ EXISTING TREELINE
 - ▬ EXISTING TREE
 - ▬ EXISTING LANDMARK TREE
 - ▬ TREE REMOVAL AREA
 - ▬ EXISTING PUBLIC ROAD
 - ▬ EXISTING TOWNSHIP BOUNDARY
 - ▬ PROPOSED POLLINATOR MIX - LONG
 - ▬ PROPOSED POLLINATOR MIX - SHORT

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SECTIONS: 5, 6, 7, 8
 TOWN: 06S, RANGE: 03W
 FAYETTE TOWNSHIP
 HILLSDALE COUNTY, MI

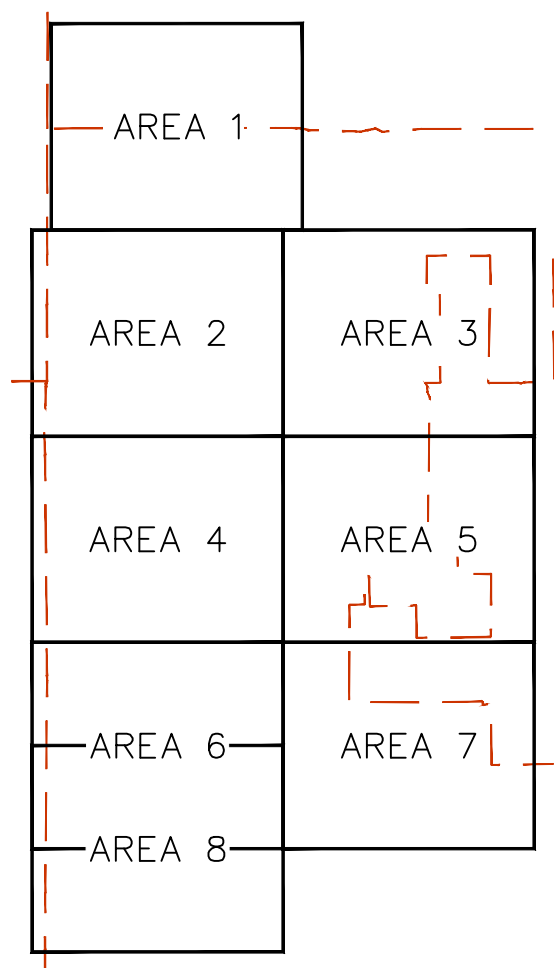
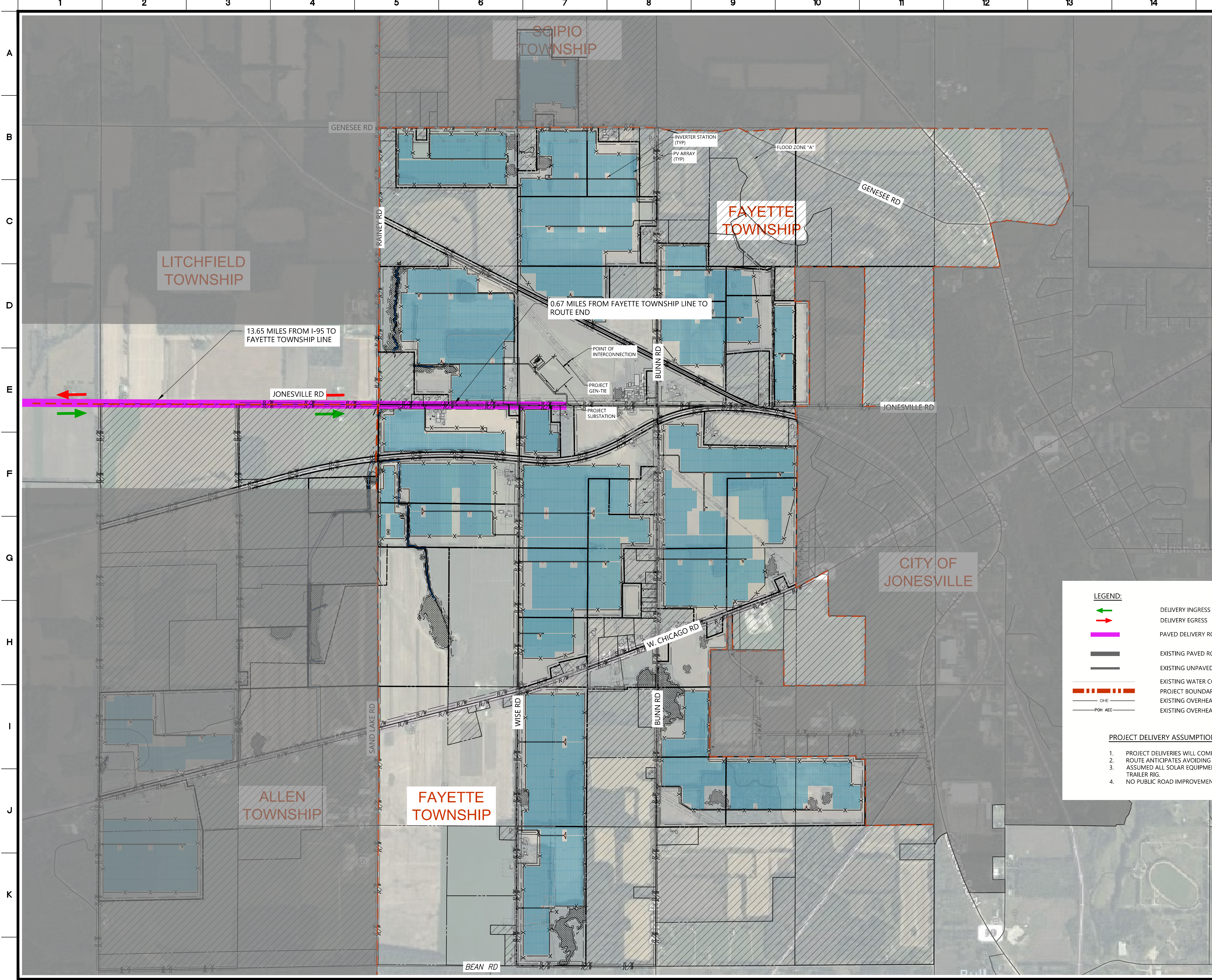
RANGER POWER
 HEARTWOOD SOLAR
 FINAL SITE PLAN
 VEGETATION PLAN

DATE: 6/23/2022
 6/22/22 CLIENT REVIEW
 6/16/22 CLIENT REVIEW
NOT FOR CONSTRUCTION

REVISIONS

SCALE: 1"=800'
 0 400' 800'

DRAWN BY: MB
 CHECKED BY: PR
 PROJECT MANAGER: -
 JOB #: 21005513
 FILE CODE: ##
 SHEET NO. **16**



VICINITY MAP



LEGEND:

- DELIVERY INGRESS
- DELIVERY EGRESS
- PAVED DELIVERY ROAD
- EXISTING PAVED ROAD
- EXISTING UNPAVED ROAD
- EXISTING WATER COURSE
- PROJECT BOUNDARY
- EXISTING OVERHEAD ELECTRIC
- EXISTING OVERHEAD TRANSMISSION LINE

14.32 miles

- PROJECT DELIVERY ASSUMPTIONS:**
- PROJECT DELIVERIES WILL COME FROM JONESVILLE ROAD VIA INTERSTATE 69.
 - ROUTE ANTICIPATES AVOIDING MAJOR CITY DISTRICTS.
 - ASSUMED ALL SOLAR EQUIPMENT TO BE DELIVERED WITH STANDARD TRACTOR TRAILER RIG.
 - NO PUBLIC ROAD IMPROVEMENTS ARE ANTICIPATED.

SITE DATA	
CAPACITY DC:	195MW
CAPACITY AC:	150MW
DC/AC RATIO:	1.3

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SECTIONS: 5, 6, 7, 8	TOWN: 06S, RANGE: 03W	HILLSDALE COUNTY, MI
RANGER POWER	HEARTWOOD SOLAR	FAYETTE TOWNSHIP
	FINAL SITE PLAN	
	TRAFFIC-HAUL ROUTE PLAN	

DATE: 6/23/2022

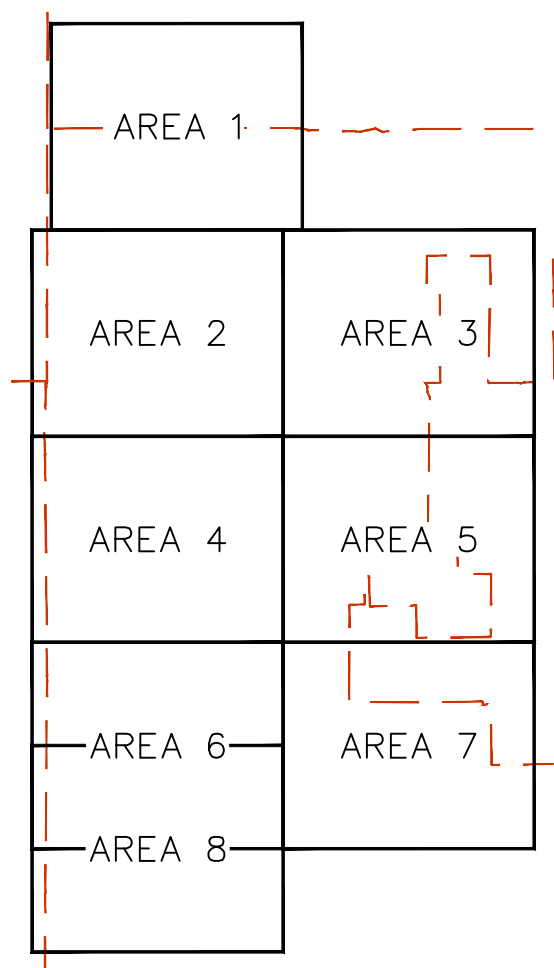
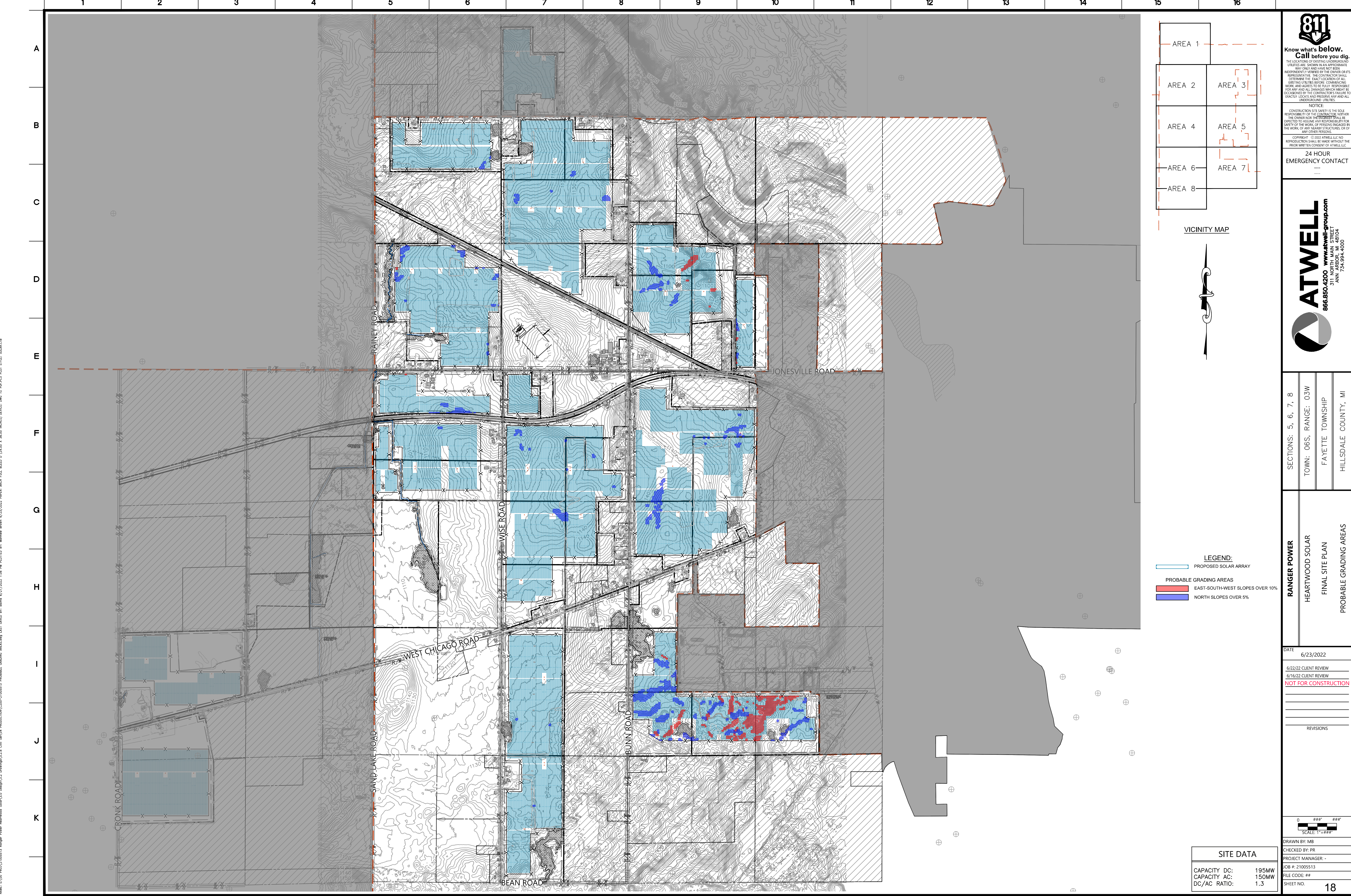
6/22/22 CLIENT REVIEW
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REVISIONS

SCALE: 1"=800'

DRAWN BY: MB	CHECKED BY: PR
PROJECT MANAGER: -	JOB #: 21005513
FILE CODE: ##	SHEET NO. 17

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VICINITY MAP



LEGEND:
 PROPOSED SOLAR ARRAY
 PROBABLE GRADING AREAS
 EAST-SOUTH-WEST SLOPES OVER 10%
 NORTH SLOPES OVER 5%

SITE DATA	
CAPACITY DC:	195MW
CAPACITY AC:	150MW
DC/AC RATIO:	1.3

811
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SECTIONS: 5, 6, 7, 8
 TOWN: 06S, RANGE: 03W
 FAYETTE TOWNSHIP
 HILLSDALE COUNTY, MI

RANGER POWER
 HEARTWOOD SOLAR
 FINAL SITE PLAN
 PROBABLE GRADING AREAS

DATE: 6/23/2022
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JOB #: 21005513
 FILE CODE: ##
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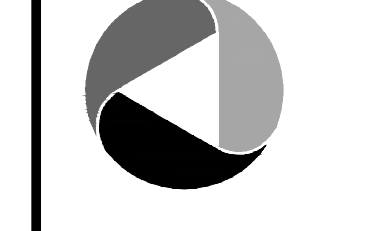


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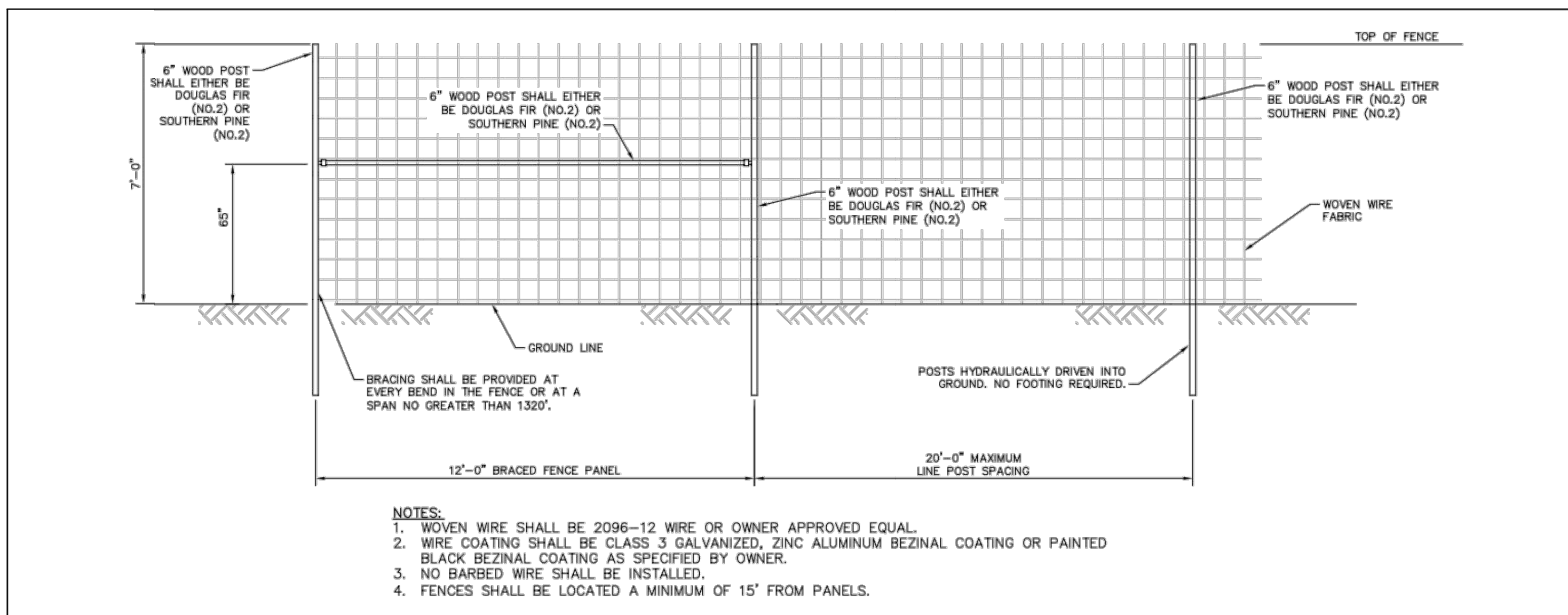
RANGER POWER
 HEARTWOOD SOLAR
 FINAL SITE PLAN
 GENERAL DETAILS

DATE: 6/23/2022
 6/22/22 CLIENT REVIEW
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 NOT FOR CONSTRUCTION

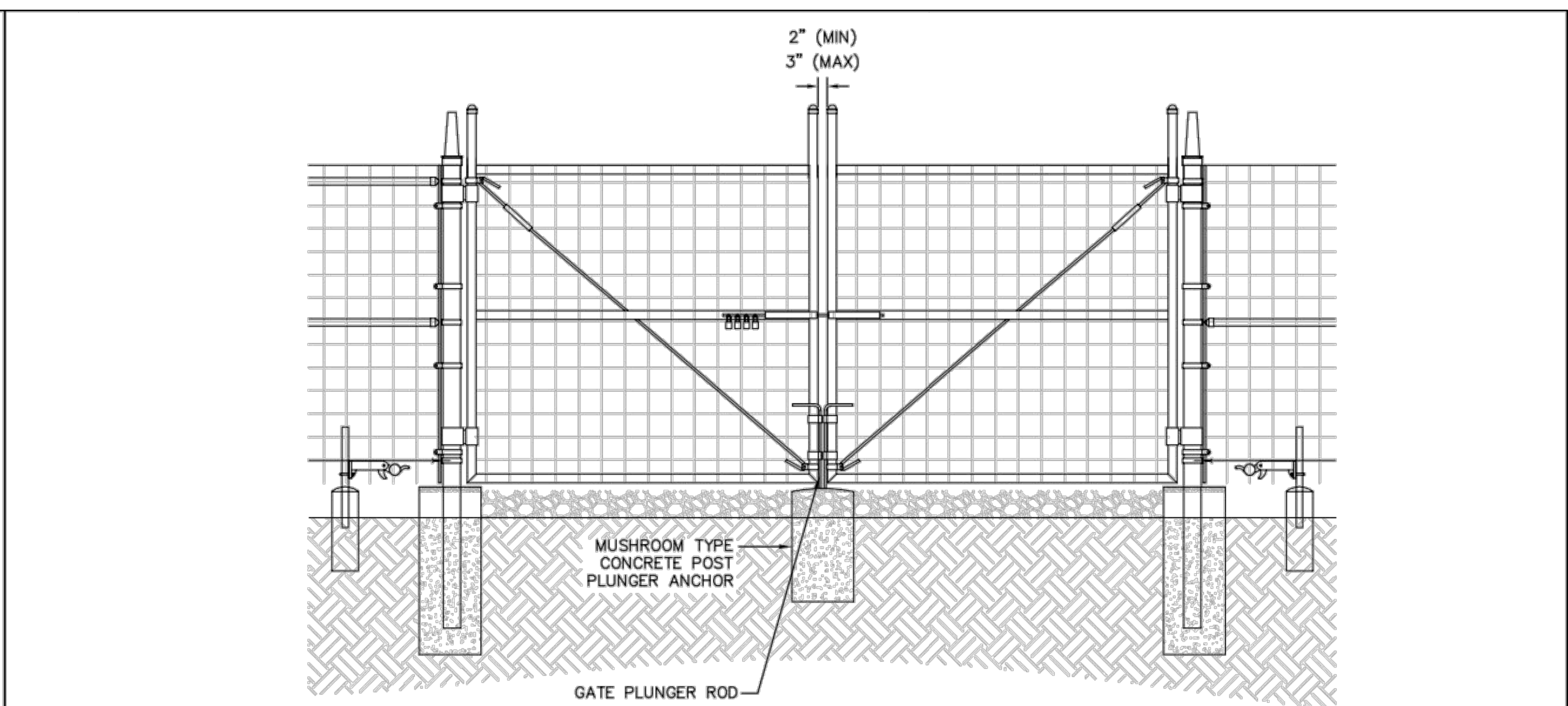
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 SHEET NO: 19

NOTE: ALL DETAILS REPRESENTED ON THIS PLAN SHEET ARE CONCEPTUAL IN NATURE. PROVIDED ONLY TO INDICATE A GENERAL OVERVIEW OF PROPOSED PROJECT FACILITIES, AND ARE EXPECTED TO BE MODIFIED AND REFINED.



- NOTES:**
1. WOVEN WIRE SHALL BE 2096-12 WIRE OR OWNER APPROVED EQUAL.
 2. WIRE COATING SHALL BE CLASS 3 GALVANIZED, ZINC ALUMINUM BEZINAL COATING OR PAINTED BLACK BEZINAL COATING AS SPECIFIED BY OWNER.
 3. NO BARBED WIRE SHALL BE INSTALLED.
 4. FENCES SHALL BE LOCATED A MINIMUM OF 15' FROM PANELS.

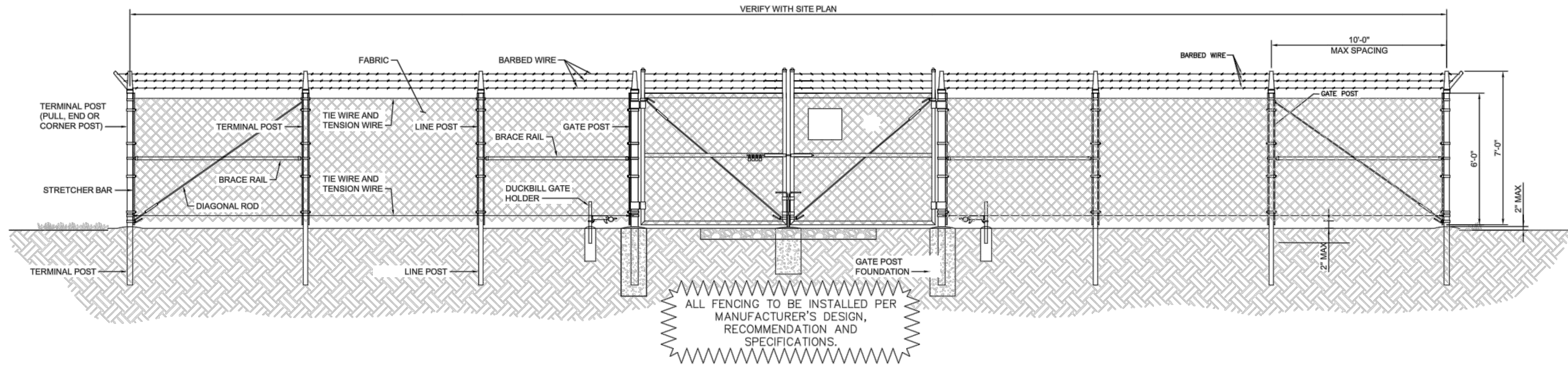


1 WOVEN WIRE FENCING DETAIL

SCALE: NTS

2 PERIMETER VEHICULAR GATE DETAIL

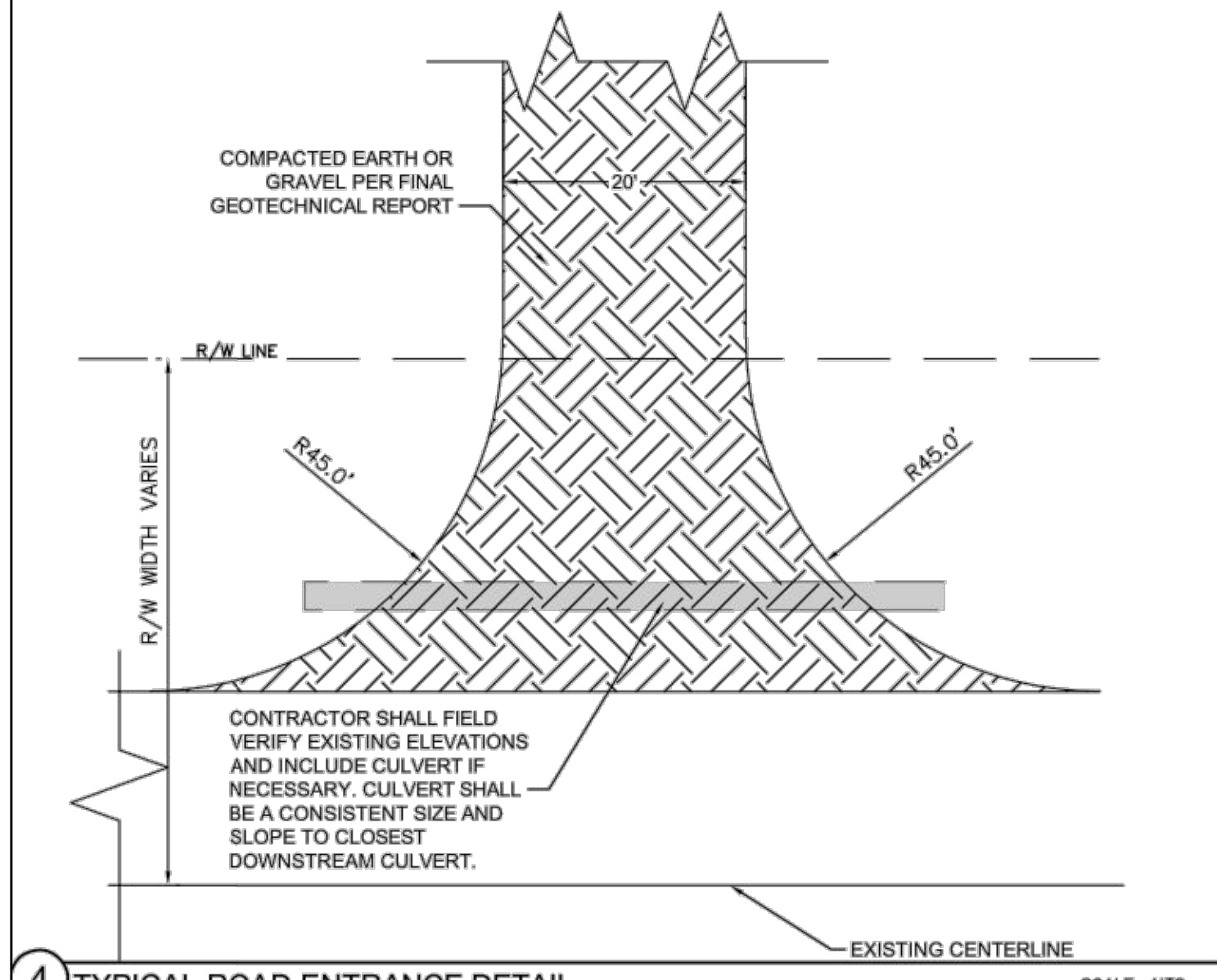
SCALE: NTS



ALL FENCING TO BE INSTALLED PER MANUFACTURER'S DESIGN, RECOMMENDATION AND SPECIFICATIONS.

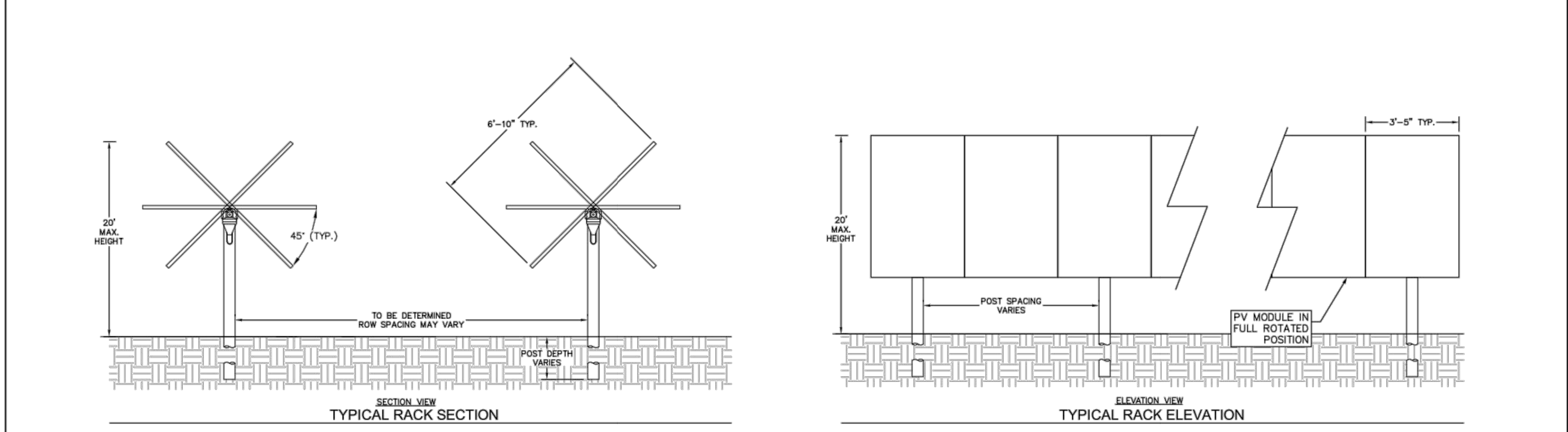
3 CHAIN LINK FENCING DETAIL (FOR SUBSTATION ONLY)

SCALE: NTS



4 TYPICAL ROAD ENTRANCE DETAIL

SCALE: NTS

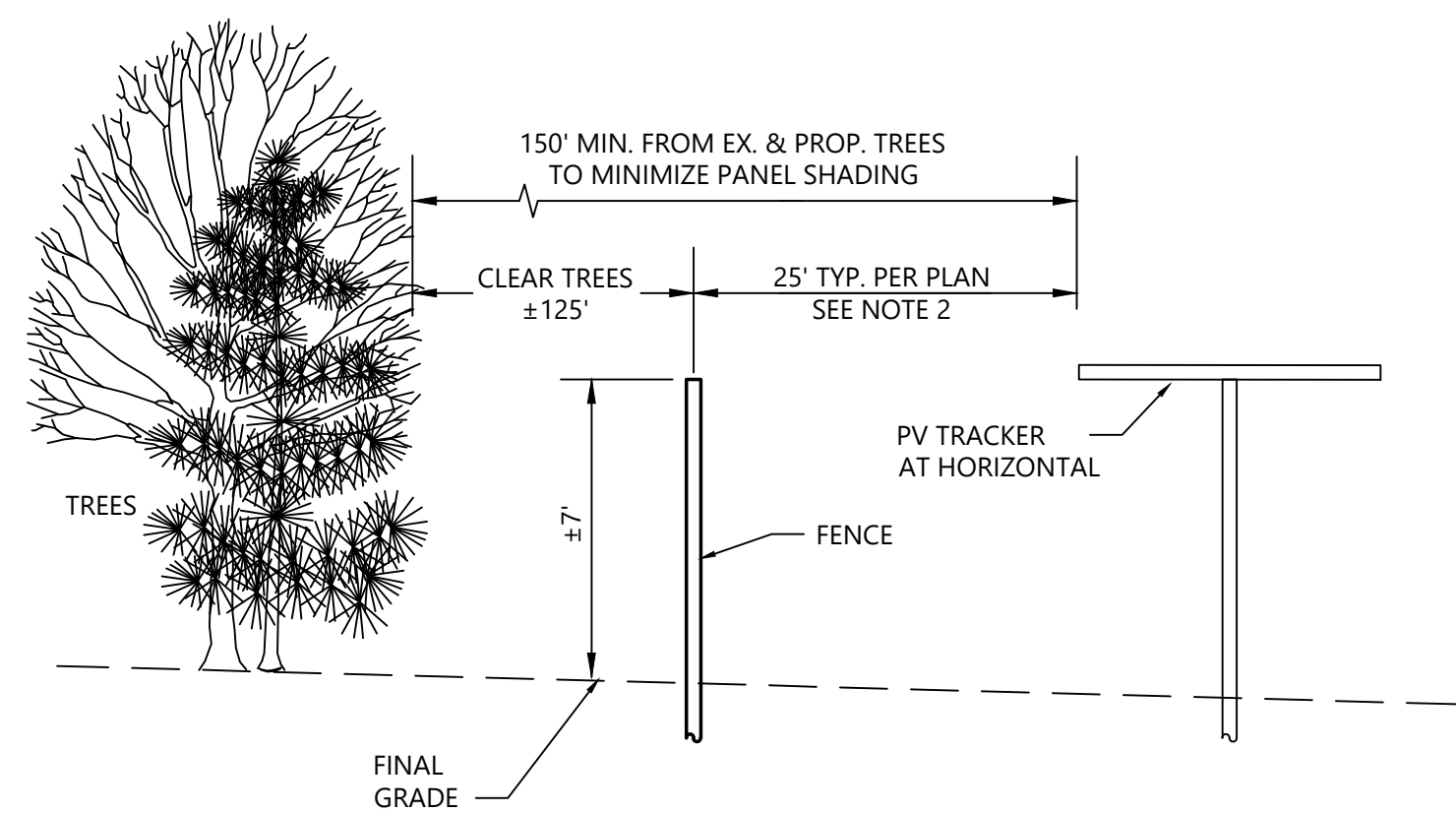


5 SINGLE AXIS TRACKER SOLAR ARRAY DETAIL

SCALE: NTS

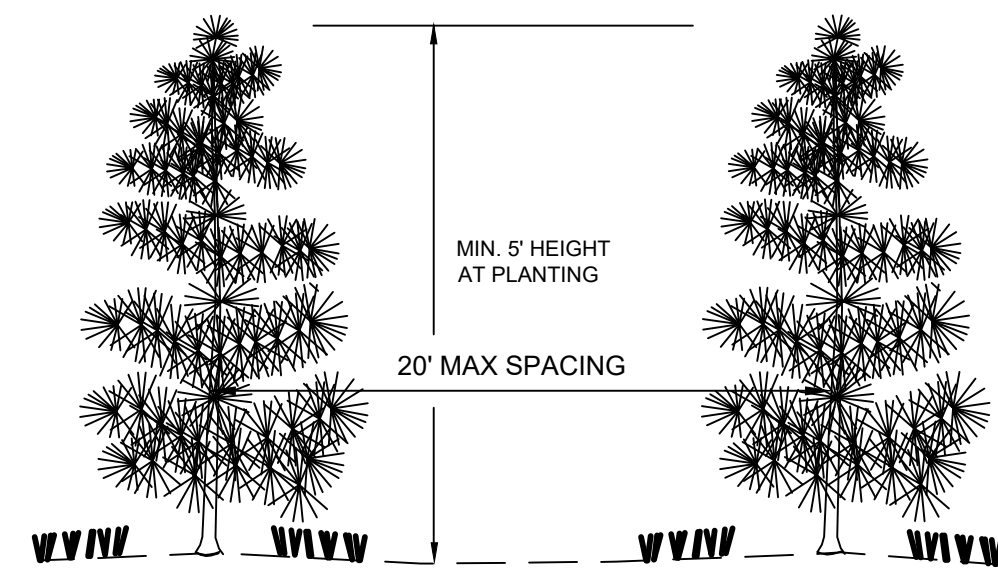
*DETAILS ON THIS SHEET PROVIDED BY RANGER POWER

SCREENING DETAILS



FENCING NOTES:

- FENCING MAY BE INSTALLED WITHIN REQUIRED PERIMETER SETBACK AREAS.
- FINAL SPACING BETWEEN FENCE AND ARRAY TO BE DETERMINED DURING THE ENGINEERING PHASE. (MINIMUM AS REQUIRED PER NEC)



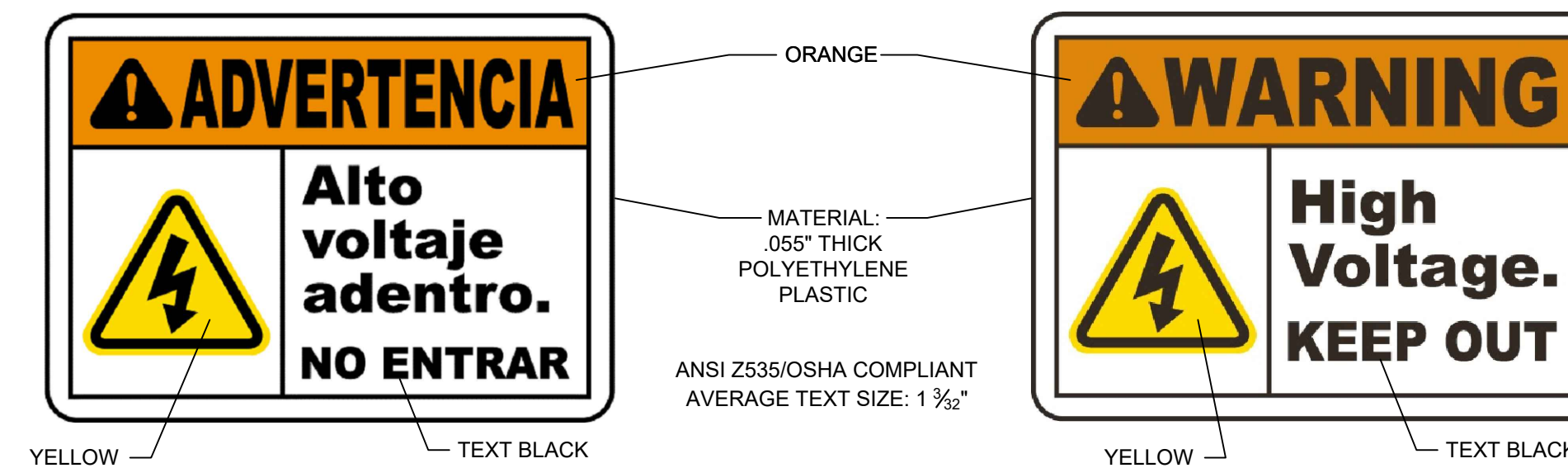
SIGNAGE DETAILS

WARNING:
HAZARDOUS VOLTAGE
AUTHORIZED ACCESS
ONLY

NOTES:

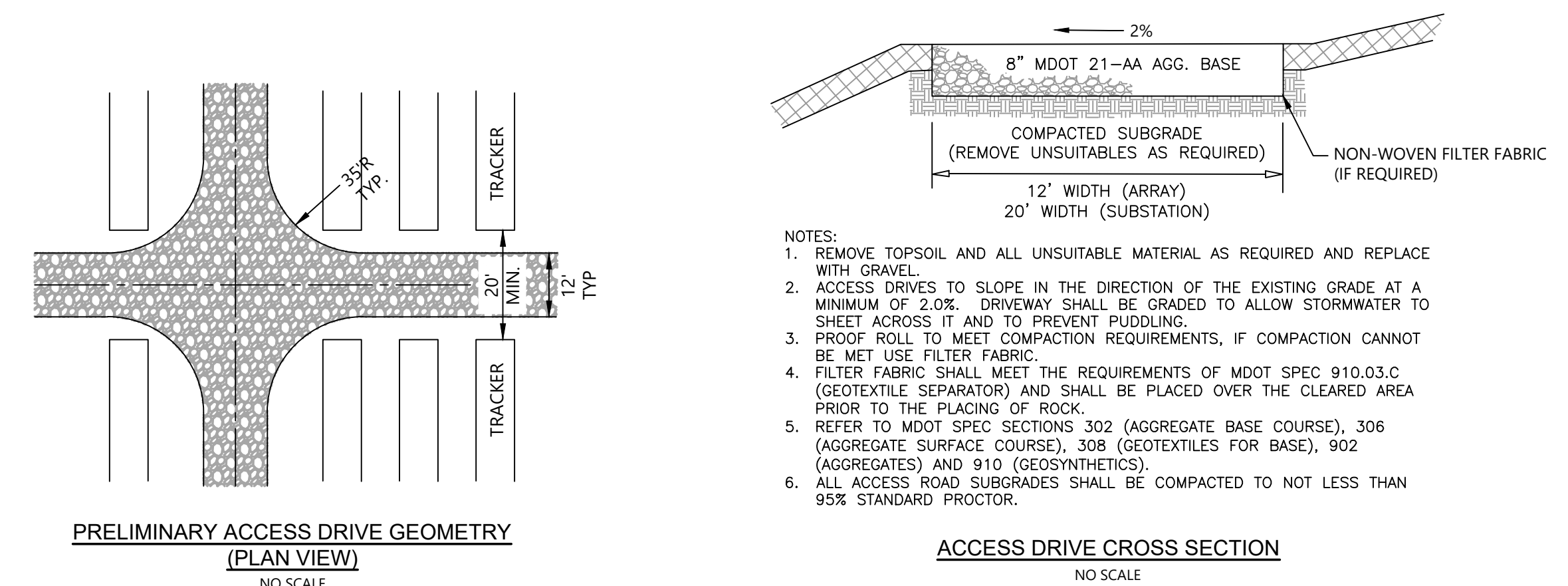
- TOP OF SIGN TEXT 125 mm (5") MIN CLEAR SPACE FROM GATE OR DOOR JAMB (STRIKE SIDE).
- PROVIDE A BLANK PANEL FOR BACK SIDE.
- CONTRAST BETWEEN CHARACTER, SYMBOLS AND THEIR BACKGROUND SHALL BE 70% MINIMUM AND HAVE A NON-GLARE FINISH.
- CHARACTERS SHALL HAVE A WIDTH-TO-HEIGHT RATIO OF BETWEEN 3:5 AND 1:1 AND A STROKE WIDTH-TO-HEIGHT RATIO OF BETWEEN 1:5 AND 1:10.
- SIGN SHALL BE 1 mm (0.04") THK (MIN) ALUMINUM SHEET.
- RAISED UPPERCASE LETTER 1 mm (0.04") TALL, MIN.
- FOR PCS TRANSFORMER MV COMPARTMENT.

AUTHORIZED PERSONNEL SIGNAGE
NO SCALE



WARNING SIGNS
NO SCALE

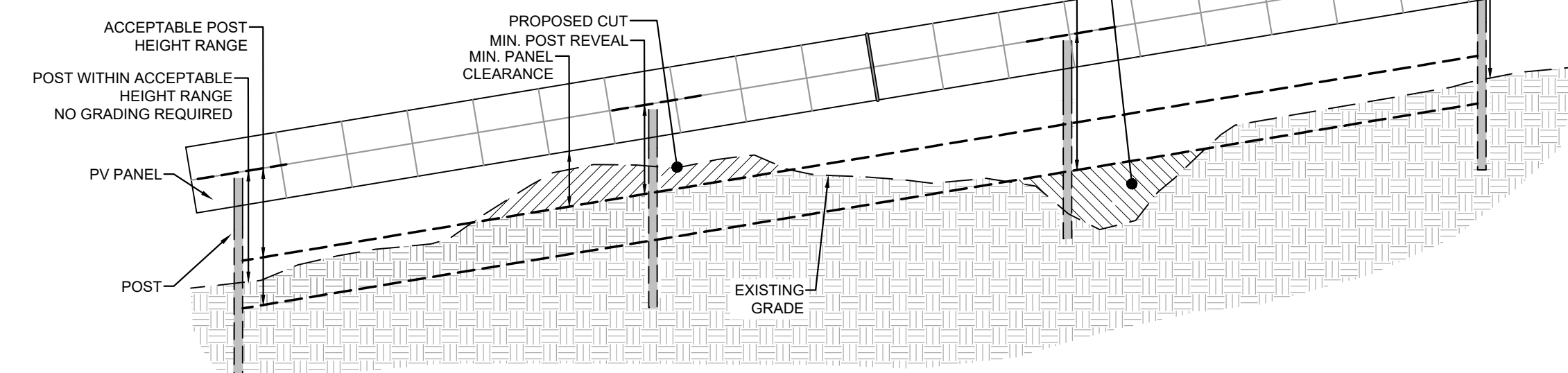
ACCESS ROAD & GRADING DETAILS



NOTES:

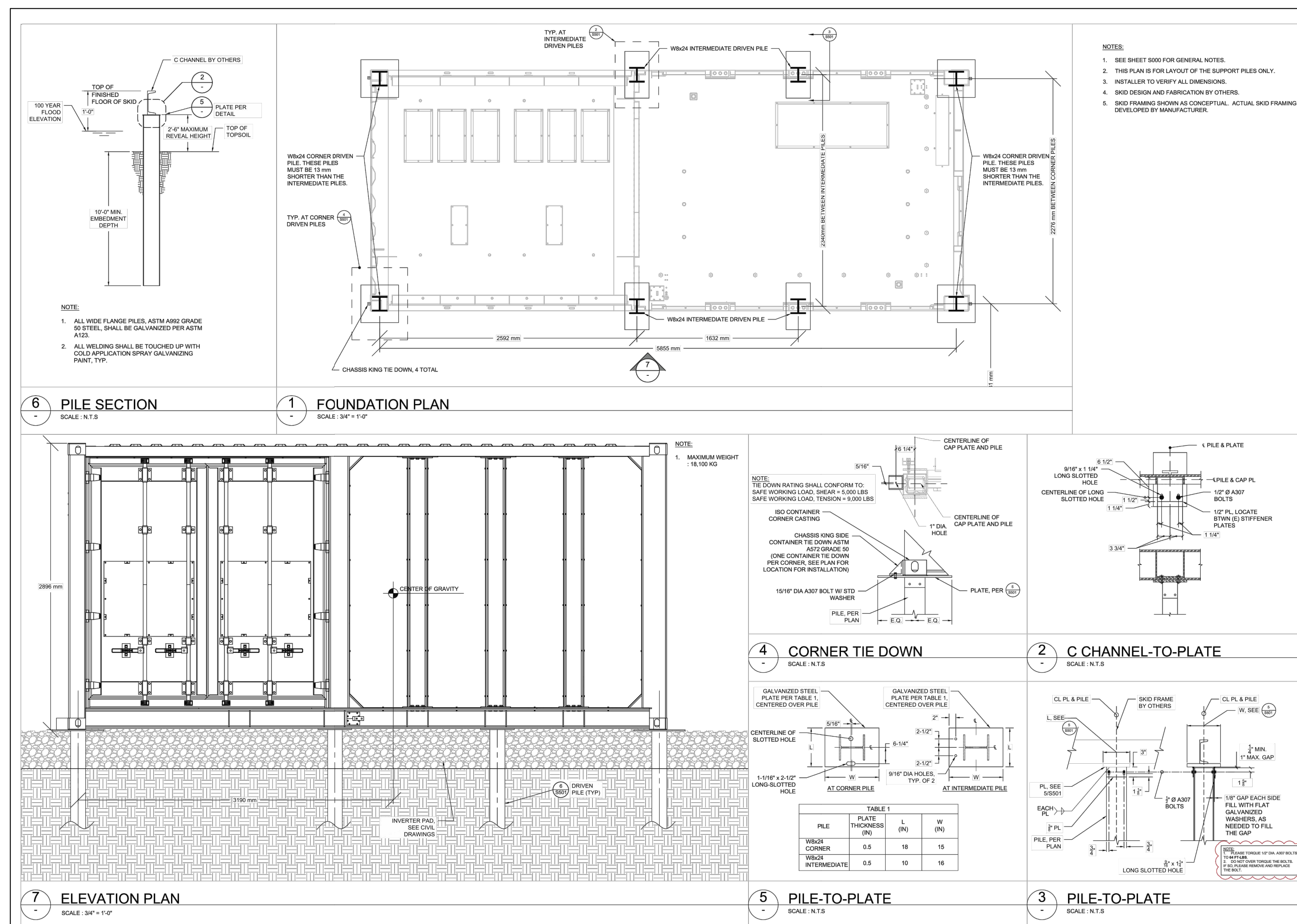
- REMOVE TOPSOIL AND ALL UNSUITABLE MATERIAL AS REQUIRED AND REPLACE WITH GRAVEL.
- ACCESS DRIVES TO SLOPE IN THE DIRECTION OF THE EXISTING GRADE AT A MINIMUM OF 2.0%. DRIVEWAY SHALL BE GRADED TO ALLOW STORMWATER TO SHEET ACROSS IT AND TO PREVENT PUDDLING.
- PROOF ROLL TO MEET COMPACTION REQUIREMENTS, IF COMPACTION CANNOT BE MET USE FILTER FABRIC.
- FILTER FABRIC SHALL MEET THE REQUIREMENTS OF MDOT SPEC 910.03.C (GEOTEXTILE SEPARATOR) AND SHALL BE PLACED OVER THE CLEARED AREA PRIOR TO THE PLACING OF ROCK.
- REFER TO MDOT SPEC SECTIONS 302 (AGGREGATE BASE COURSE), 306 (AGGREGATE SURFACE COURSE), 308 (GEOTEXTILES FOR BASE), 902 (AGGREGATES) AND 910 (GEOSYNTHETICS).
- ALL ACCESS ROAD SUBGRADES SHALL BE COMPACTED TO NOT LESS THAN 95% STANDARD PROCTOR.

ACCESS DRIVE CROSS SECTION
NO SCALE



ARRAY GRADING DETAIL
NO SCALE

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CONCEPTUAL INVERTER STATION DETAIL
NO SCALE



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HILLSDALE COUNTY, MI

RANGER POWER
HEARTWOOD SOLAR
FINAL SITE PLAN
GENERAL DETAILS

DATE: 6/23/2022
6/22/22 CLIENT REVIEW
6/16/22 CLIENT REVIEW
9/30/22 TOWNSHIP REVIEW
NOT FOR CONSTRUCTION

REVISIONS

DRAWN BY: MB
CHECKED BY: PR
PROJECT MANAGER: -
JOB #: 21005513
FILE CODE: ##
SHEET NO. 20

SEEDING SPECIFICATION

GENERAL

SEEDING CAN BE USED FOR TEMPORARY OR PERMANENT STABILIZATION. DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS CEASED FOR MORE THAN 14 DAYS SHALL BE TEMPORARILY SEEDED AND WATERED. AREAS WHERE FINAL GRADING HAS BEEN COMPLETED SHALL BE TEMPORARILY AND/OR PERMANENTLY SEEDED IMMEDIATELY FOLLOWING THE CONCLUSION OF GRADING ACTIVITIES (WEATHER PERMITTING) AND MUST BE COMPLETED WITHIN FIVE (5) DAYS. TEMPORARY AND PERMANENT SEED MIXTURES ARE SPECIFIED BELOW. TEMPORARY SEED MIX SHALL ALSO BE APPLIED DURING THE APPLICATION OF THE PERMANENT SEED MIX TO ENSURE TIMELY VEGETATIVE COVER OF EXPOSED AREAS.

IMMEDIATELY AFTER SEEDING, MULCH ALL SEEDED AREAS WITH STRAW UNIFORMLY AT THE RATE OF 1-1/2 TONS TO 2 TONS PER ACRE OR 100 POUNDS PER 1000 SQUARE FEET. ANCHOR MULCH WITH DISC-TYPE ANCHORING TOOL OR OTHER MEANS APPROVED BY THE LOCAL REGULATORY AGENCY.

NOTE: SPECIFIC VEGETATION MANAGEMENT PRACTICES MAY CHANGE BASED ON SITE CONDITIONS, AVAILABILITY OF SEED MIX, CONTRACTOR REQUIREMENTS, OR OTHER FACTORS.

SEEDING MIXTURES

SEE SEED MIXES IN TEMPORARY & PERMANENT SEED CHARTS.

SEED MIXES MEET THE SPECIFICATIONS OF "MICHIGAN DEPARTMENT OF AGRICULTURE AND RURAL DEVELOPMENT'S POLICY FOR ALLOWING COMMERCIAL SOLAR PANEL DEVELOPMENT ON P.A. 116 LANDS." NOTE THAT HEARTWOOD SOLAR HAS VOLUNTARILY ELECTED TO INSTALL ALL AREAS BEING DISTURBED WITH SEED MIXES MEETING THESE SPECIFICATIONS, REGARDLESS OF P.A. 116 ENROLLMENT STATUS. SUBSTITUTIONS MAY BE NECESSARY BASED ON SEED AVAILABILITY AT THE TIME OF CONSTRUCTION.

SLOPES FLATTER THAN 3:1 (NOT INCLUDING BASINS)
SEED IN ACCORDANCE WITH THE FOLLOWING SCHEDULE:

TEMPORARY SEEDING/PLANTING DATES
LAST DISTURBANCE OR WITHIN 14 DAYS

PERMANENT SEEDING PLANTING DATES
PREFERABLE EARLY SPRING OR EARLY FALL

SLOPES 3:1 OR GREATER (NOT INCLUDING BASINS)
SEED IN ACCORDANCE WITH THE FOLLOWING SCHEDULE:

TEMPORARY SEEDING PLANTING DATES
LAST DISTURBANCE OR WITHIN 5 DAYS

PERMANENT SEEDING PLANTING DATES
PREFERABLE EARLY SPRING OR EARLY FALL

SEED BED PREPARATION (PERMANENT SEEDING)

WEED CONTROL MEASURES SHALL BE TAKEN THE SEASON PRIOR TO PERMANENT PLANTING. SURFACE WATER CONTROL MEASURES SHALL BE IN PLACE. THE PLANTING AREA MUST BE WEED-FREE FOR SUCCESSFUL VEGETATIVE ESTABLISHMENT. AREA TO BE SEEDED SHALL BE RIPPED AND SPREAD WITH AVAILABLE TOPSOIL. TOTAL SEEDBED PREPARED DEPTH SHOULD BE AT LEAST 4 INCHES. LOOSE ROCKS, ROOTS AND OTHER OBSTRUCTIONS NEED TO BE REMOVED FROM THE SURFACE SO THAT THEY WILL NOT INTERFERE WITH THE ESTABLISHMENT AND MAINTENANCE OF VEGETATION. SURFACE FOR FINAL SEEDBED PREPARATION SHOULD BE AT FINISH GRADE AND BE REASONABLY SMOOTH AND UNIFORM.

TOPSOIL IN THE AREA TO BE SEEDED SHALL BE TESTED FOR PH, MAGNESIUM (MG), POTASSIUM (K), AND PHOSPHOROUS (P) PRIOR TO PERMANENT PLANTING. APPLY FERTILIZER AND LIME ACCORDING TO SOIL TEST REPORT. FERTILIZER AND LIME SHALL BE APPLIED UNIFORMLY AND MIXED WITH THE SOIL DURING SEEDBED PREPARATION. WEIGHTS, SEED SPECIES AND PERCENTAGE OF PURITY AND GERMINATION MUST BE CHECKED PRIOR TO SEEDING.

SEEDING SHALL BE ACCOMPLISHED IN TWO DIRECTIONS AND AT RIGHT ANGLES TO EACH OTHER. LAWN AREAS SHALL BE SEEDED AT THE RATE INDICATED ABOVE BY SOWING EVENLY WITH AN APPROVED SEEDER TO COVER THE SEED AND FORM THE SEEDBED IN ONE OPERATION. IF BROADCAST SEEDER IS USED THE SEEDING RATE SHALL BE TWO (2) TIMES THE DRILL RATE. IN INACCESSIBLE AREAS, THE SEED SHALL BE LIGHTLY RAKED WITH FLEXIBLE RAKES AND ROLLED WITH A WATER BALLAST ROLLER. AFTER ROLLING SEEDED AREAS ARE TO BE MULCHED ACCORDING TO SPECIFICATION. IF HYDRO-SEED OPERATION IS USED, SEEDING RATE SHALL BE FIVE (5) TIMES THE DRILL RATE INDICATED ON THE DRAWINGS.

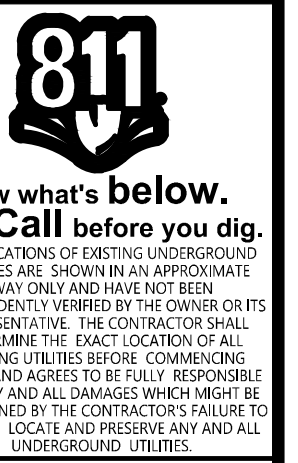
IF SEEDING CAN NOT BE ACCOMPLISHED DUE TO SEASONAL CONSTRAINTS, APPLY STRAW MULCH AND TACKIFIER TO ALL SLOPES AND DISTURBED AREAS UNTIL PERMANENT SEEDING IS ALLOWED. IN THE EVENT SEEDING OCCURS OUT OF SEASON, MAINTENANCE SHALL OCCUR AND CONTINUE INTO THE FOLLOWING GROWING SEASON OR UNTIL A UNIFORM STAND OF THE SPECIFIED PERMANENT GRASSES HAVE BEEN ESTABLISHED AND THE SITE HAS REACHED STABILIZATION. THE POLLINATOR HABITAT SEED MIX WILL TAKE APPROXIMATELY THREE YEARS TO ESTABLISH. THE PERMANENT AND TEMPORARY SEEDING SHALL BE ACCOMPLISHED THROUGHOUT THE CONSTRUCTION PROCESS.

INSPECTION

INSPECT SEEDED AREAS FREQUENTLY. IF SEEDED AREAS FAIL TO GERMINATE, OR TO PROVIDE ADEQUATE GROUND COVERAGE, THE AREA SHALL BE RE-SEEDED UNTIL FINAL STABILIZATION IS ACHIEVED.

Michigan Pollinator Mix		
Application Rate: 4.1 lbs/ac		
Summary		
Species Count	Acres	Planting Location
19	165	Outside of solar arrays, within fenceline
Common Name	Scientific Name	
little bluestem	<i>Schizachyrium scoparium</i>	
sideoats grama	<i>Bouteloua curtipendula</i>	
black-eyed susan	<i>Rudbeckia hirta</i>	
lanceleaf coreopsis	<i>Coreopsis lanceolata</i>	
sand dropseed	<i>Sporobolus cryptandrus</i>	
blue vervain	<i>Verbena hastata</i>	
evening primrose	<i>Oenothera biennis</i>	
Maximillian sunflower	<i>Helianthus maximiliani</i>	
purple prairie clover	<i>Dalea purpurea</i>	
grayheaded coneflower	<i>Ratibida pinnata</i>	
purple coneflower	<i>Echinacea purpurea</i>	
false sunflower	<i>Helopsis helianthoides</i>	
wild bergamot	<i>Monarda fistulosa</i>	
New England aster	<i>Symphotrichum novae-angliae</i>	
partridge pea	<i>Chamaecrista fasciculata</i>	
stiff goldenrod	<i>Oligoneuron rigidum</i>	
golden alexander	<i>Zizia aurea</i>	
butterfly milkweed	<i>Asclepias tuberosa</i>	
common milkweed	<i>Asclepias syriaca</i>	

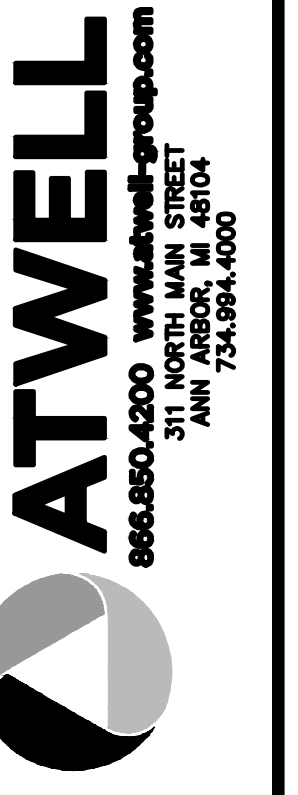
Solar Array-Area Mix (under 24")		
Application Rate: 3.4 lbs/ac		
Summary		
Species Count	Acres	Planting Location
31	938	Underneath solar arrays, within fenceline
Common Name	Scientific Name	
yarrow	<i>Achillea millefolium</i>	
columbine	<i>Aquilegia canadensis</i>	
butterfly milkweed	<i>Asclepias tuberosa</i>	
whorled milkweed	<i>Asclepias verticillata</i>	
blue grama	<i>Bouteloua gracilis</i>	
pointed broom sedge	<i>Carex scoparia</i>	
mist flower	<i>Conoclinium coelestinum</i>	
lanceleaf coreopsis	<i>Coreopsis lanceolata</i>	
plains coreopsis	<i>Coreopsis tinctoria</i>	
white prairie clover	<i>Dalea candida</i>	
purple prairie clover	<i>Dalea purpurea</i>	
sheep fescue	<i>Festuca ovina</i>	
Indian blanket	<i>Gaillardia pulchella</i>	
prairie junegrass	<i>Koeleria macrantha</i>	
seedbox	<i>Ludwigia alternifolia</i>	
monkey flower	<i>Mimulus ringens</i>	
lemon mint	<i>Monarda citriodora</i>	
hairy beardtongue	<i>Penstemon hirsutus</i>	
fowl bluegrass	<i>Poa palustris</i>	
prairie cinquefoil	<i>Drmocallis arguta</i>	
narrowleaf mountain	<i>Pycnanthemum tenuifolium</i>	
black-eyed susan	<i>Rudbeckia hirta</i>	
blue-eyed grass	<i>Sisyrinchium angustifolium</i>	
gray goldenrod	<i>Solidago nemoralis</i>	
composite dropseed	<i>Sporobolus compositus</i>	
sand dropseed	<i>Sporobolus cryptandrus</i>	
alsike clover	<i>Trifolium hybridum</i>	
crimson clover	<i>Trifolium incarnatum</i>	
Ladino clover	<i>Trifolium repens</i> 'Ladino'	
hoary vervain	<i>Verbena stricta</i>	
golden alexander	<i>Zizia aurea</i>	



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TOWN: 06S, RANGE: 03W
FA YETTE TOWNSHIP
HILLSDALE COUNTY, MI

RANGER POWER
HEARTWOOD SOLAR
FINAL SITE PLAN
VEGETATION MANAGEMENT DETAILS

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