

SITE PLAN

MARQUETTE COUNTY SOLID WASTE MANAGEMENT AUTHORITY

PART OF SECTIONS 5 AND 6, T47N, R25W, SANDS TOWNSHIP, & PART OF SECTIONS 31 AND 32, T48N, R25W, MARQUETTE TOWNSHIP, MARQUETTE COUNTY, MICHIGAN

PROJECT DESCRIPTION

THE MARQUETTE COUNTY SOLID WASTE MANAGEMENT AUTHORITY (MCSWMA) ACQUIRED 100 ACRES OF LAND IN MARQUETTE TOWNSHIP, IMMEDIATELY ADJACENT TO THE NORTHERN BOUNDARY OF SANDS TOWNSHIP, ALL IN MARQUETTE COUNTY. THE SOUTHERN BOUNDARY OF THE 100-ACRE PARCEL IS ALSO ADJACENT TO THE NORTHERN BOUNDARY OF ACRES OWNED BY A. LINDBERG & SONS, INC. (ALS). THE MARQUETTE COUNTY SOLID WASTE MANAGEMENT AUTHORITY IS ALSO THE OWNER OF ACRES ADJACENT TO THE WESTERN BOUNDARY OF THE A. LINDBERG & SONS, INC. PROPERTY. THE MARQUETTE COUNTY SOLID WASTE MANAGEMENT AUTHORITY ACQUIRED THE 100-ACRE PARCEL FOR THE PURPOSES OF EXTRACTION OF EARTH PRODUCTS, MORE SPECIFICALLY SOIL TO BE USED FOR COVER & MISCELLANEOUS BERMS, FILL, SLOPING AND FINAL GRADING & REMEDIATION OF THE PARCEL. IT OWNS & OPERATES AS A STATE PERMITTED LANDFILL LYING IMMEDIATELY SOUTH OF THE A. LINDBERG & SONS, INC. ACREAGE PARCEL DESCRIBED ABOVE. IT IS ANTICIPATED THAT THIS PROJECT WILL BE AN ONGOING PROJECT OVER A PERIOD OF MORE THAN 30 YEARS, WITH SOIL MATERIALS BEING EXTRACTED FROM THE 100-ACRE PARCEL ON AN "AS-NEEDED BASIS" WITHIN THE NORTHERN BOUNDARY OF THE "MCSWMA LANDFILL PARCEL", AS SHOWN ON THIS PLAN. ACCESS BETWEEN THE 100-ACRE "SOIL EXTRACTION PARCEL" AND THE "STOCKPILE AREA ON THE LANDFILL PARCEL" WILL BE THRU THE A. LINDBERG & SONS, INC. PARCEL UNDER TERMS OF A MUTUAL EASEMENT AGREEMENT EXECUTED IN 2014 BY "ALS" AND "MCSWMA".

GENERAL OPERATION PLAN

THE MATERIAL (SOIL) EXTRACTION, HAULING & STOCKPILE OPERATION WILL BE CONDUCTED BETWEEN THE HOURS OF 7 A.M. AND 7 P.M. THE EXTRACTION, HAULING & STOCKPILING OPERATION WILL BE CARRIED OUT BY COMMON EARTHMOVING EQUIPMENT, EXCAVATORS, FRONT END LOADERS, HEAVY HAUL TRUCKS, ETC., AND WILL OCCUR "ON-SITE" AND ACROSS THE "ALS" PARCEL THRU THE PROVIDED EASEMENT ROUTES. NO PUBLIC ROADS OR HIGHWAYS WILL BE UTILIZED IN THIS OPERATION, AND NO OTHER PRIVATE LANDS WILL BE TRAVELLED OR USED FOR THIS OPERATION. TWO PRINCIPAL "EXTRACTION" OR "BORROW" PIT AREAS & TWO SECONDARY "EXTRACTION" OR "BORROW" PIT AREAS ARE IDENTIFIED ON THIS SITE PLAN. THE WESTERLY PRINCIPAL EXTRACTION AREA WILL BE THE FIRST AREA TO BE UTILIZED, WITH EXTRACTION ON THE EASTERLY "PRINCIPAL EXTRACTION AREA" COMMENCING AS THE WESTERLY EXTRACTION AREA NEARS THE END OF ITS LIFE AND MOVES TOWARD THE FINAL RECLAMATION PROCESS. THIS IS EXPECTED TO BE AN ONGOING "ACTIVE" PROJECT OVER A PERIOD OF 25 TO 30 YEARS, WITH SOIL MATERIALS BEING EXTRACTED FROM THE 100-ACRE PARCEL ON AN "AS-NEEDED BASIS" AND MOVED TO A "STOCKPILE AREA" NEAR THE NORTHERN BOUNDARY OF THE "MCSWMA LANDFILL PARCEL", AS SHOWN ON THIS PLAN. ACCESS BETWEEN THE 100-ACRE "SOIL EXTRACTION PARCEL" AND THE STOCKPILE AREA ON THE LANDFILL PARCEL WILL BE THRU THE A. LINDBERG & SONS, INC. PARCEL UNDER TERMS OF A MUTUAL EASEMENT AGREEMENT EXECUTED IN 2014 BY "ALS" AND "MCSWMA".

PARCEL ZONING, LAND USE & BUFFERYARDS

THE 100-ACRE SITE IS ZONED FR-FOREST RECREATION DISTRICT IN THE MARQUETTE TOWNSHIP ZONING ORDINANCE. THE PROPOSED USE OF THIS SITE PLACES IT IN THE GENERALIZED LAND USE CATEGORY OF "EXTRACTION OF EARTH PRODUCTS" WITH A GENERALIZED LAND USE INTENSITY OF "T" (ONE) WITHIN THE FOREST RECREATION ZONING DISTRICT. ADJACENT LAND WEST OF THE WESTERLY BOUNDARY OF THE 100-ACRE SITE IS ZONED RR-RURAL RESIDENTIAL IN THE MARQUETTE TOWNSHIP ZONING ORDINANCE. CURRENT LAND USE ON SOME OF THESE ADJACENT PARCELS IS SINGLE FAMILY RESIDENTIAL, HAVING A LAND USE INTENSITY LISTED AS "T" (ONE) IN THE ZONING ORDINANCE. THE 100-ACRE PARCEL IS BORDERED ON THE SOUTH BY LAND IN SANDS TOWNSHIP OWNED BY A. LINDBERG & SONS, INC. WHILE THIS ADJACENT PARCEL IS NOT CURRENTLY DEVELOPED OR UNDER DEVELOPMENT, IT CURRENTLY FUNCTIONS AS A ROUTE FOR MATERIALS AND OTHER CONSTRUCTION MATERIALS BETWEEN THE ACTIVE MINING AND MINERAL EXTRACTION AREA (BAND, GRAVEL & AGGREGATE) OWNED & OPERATED BY A. LINDBERG & SONS, INC., SOUTH AND EAST OF THAT PARCEL, AND THE ASPHALT BATCH PLANT LOCATED WESTERLY OF THE MCSWMA 100-ACRE PARCEL, OWNED & OPERATED BY PAYNE & DOLAN, WHILE THE ADJACENT A. LINDBERG & SONS, INC. PARCEL IS LOCATED IN SANDS TOWNSHIP, THE SAME ZONING AND LAND USE CONSIDERATIONS CAN BE APPLIED TO THAT LAND THAT ADJACENT TO ADJACENT LAND IN MARQUETTE TOWNSHIP. A 60-FOOT WIDE NATURAL BUFFERYARD IS SHOWN ON ALL BOUNDARIES OF THE MCSWMA 100-ACRE SITE EXCEPT THE WESTERLY BOUNDARY OF THAT PART OF THE PARCEL LOCATED IN SECTION 31, WHERE A 150-FOOT WIDE ELECTRIC UTILITY EASEMENT AND OVERHEAD POWER LINES ARE LOCATED. NO EXCAVATION OR SOIL EXTRACTION IS PLANNED FOR THE ELECTRIC UTILITY EASEMENT AREA. THE BUFFERYARDS SHOWN MEET THE REQUIREMENTS FOR BUFFERYARDS AS DESCRIBED IN THE MARQUETTE TOWNSHIP ZONING ORDINANCE FOR LAND ZONED & USED AS PROPOSED ON THIS PLAN.

MAJOR DRAINAGE PATHS THRU SITE

THREE MAJOR DRAINAGE PATHS TRAVERSE THE SITE IN A GENERAL SOUTH TO NORTH DIRECTION. THE WESTERLY PATH CUTS ACROSS THE NORTHERLY CORNER OF THAT PART OF THE SITE LOCATED IN SECTION 31 AND IS LOCATED A MINIMUM OF 200+ FEET FROM ANY AREAS PROPOSED FOR EXTRACTION & EXTRACTION OF SOIL. THE REMAINING TWO DRAINAGE PATHS BEGIN ON THE A. LINDBERG & SONS, INC. PROPERTY IN SECTION 5 NEAR THE MIDPOINT OF THE 100-ACRE PARCEL AND MERGE INTO ONE PATH ABOUT MIDWAY THRU THE PROPOSED MCSWMA SOIL EXTRACTION SITE TO THE NORTH. THESE DRAINAGE PATHS CONTINUE NORTHERLY BEYOND THE MCSWMA SOIL EXTRACTION SITE AND EVENTUALLY DISCHARGE TO MORGAN CREEK, ABOUT ONE-QUARTER MILE NORTH OF THE SITE. A 100-FOOT WIDE BUFFER AREAS IS PROPOSED ADJACENT TO THE CONVERGING DRAINAGE PATHS TO INSURE THAT NO SEDIMENT FROM THE EXCAVATION & EXTRACTION PROCESS ENTERS THE DRAINAGE PATH(S) AND REACHES THE CREEK.

GROUNDWATER

THE SOIL EXTRACTION AND EXTRACTION PROCESS PROPOSED FOR THIS SITE IS NOT EXPECTED TO HAVE ANY NEGATIVE EFFECT ON THE GROUNDWATER ANYWHERE NEAR OR SOME DISTANCE FROM THE SITE. THE GROUNDWATER TABLE IS SUBSTANTIALLY LOWER THAN THE LOWEST ANTICIPATED SOIL EXTRACTION LEVEL. THE SOIL EXTRACTION PROCESS UTILIZES NO POTENTIALLY UNSAFE OR INJURIOUS MINING PROCESSES OR PRACTICES IN THE EXTRACTION AND REMOVAL OF SOIL FROM THE SITE. NO CHEMICALS OR OTHERWISE HARMFUL MATERIALS ARE INTRODUCED INTO THE SOILS ON THIS SITE WHICH WILL IN ANY WAY AFFECT THE QUALITY OF THE GROUNDWATER BELOW. EXTRACTION OF SOIL FROM THIS SITE DOES NOT REQUIRE THE USE OF THE GROUNDWATER RESOURCE IN ANY PART OF THE PROCESS.

SOILS

THE USDA SOIL CONSERVATION SERVICE SOIL INVESTIGATION REPORT DATED SEPTEMBER, 1997 LISTS THE FOLLOWING THREE SOIL TYPES IN THE 100-ACRE PARCEL: 1. 1801-KALKASKA-FROHLING COMPLEX, 1% TO 10% SLOPES; 2. 782C-GARLIK-ALCONA-JOELKER COMPLEX, 8% TO 35% SLOPES; 3. 128D-KALKASKA-WAISKA COMPLEX, 6% TO 18% SLOPES. SOIL PROFILES AS DESCRIBED BY THE USDA S.C.S. SURVEYS INDICATE A THIN DECOMPOSED ORGANIC MAT, 0 TO 2 INCHES THICK, ABOVE SURFACE LAYERS CONSISTING OF REDDISH GRAY SAND, BLACK COBBLY LOAMY SAND, REDDISH GRAY FINE SAND, BROWN LOAMY VERY FINE SAND, DARK GRAY FINE SAND, AND VERY DARK GRAY FINE SANDY LOAM, 4 TO 8 INCHES THICK. THE MAJORITY OF THE SUBSOIL AND SUBSTRATUM SOILS BENEATH THE TOP 10 TO 12 INCHES ARE CLASSIFIED BY THE USDA S.C.S. AS SAND, VERY COBBLY SAND, VERY GRAY FINE SAND, COBBLY LOAMY SAND, FINE SAND, VERY FINE SAND, LOAMY FINE SAND AND FINE SANDY LOAM. AS SOIL IS EXTRACTED IT WILL BE CLASSIFIED AND MOVED TO THE LANDFILL SITE, WHERE IT WILL BE PLACED IN THE APPROPRIATE STOCKPILE AREAS AS SHOWN ON THE SITE PLAN. AS NEEDED IN THE OPERATION OF THE LANDFILL, SOIL WILL BE MOVED FROM THE STOCKPILE AREAS.

GENERAL OPERATION, SOIL EROSION CONSIDERATIONS & RECLAMATION OF SITE

ALL REQUIREMENTS OF THE SOIL EROSION & SEDIMENTATION CONTROL ACT AS ADMINISTERED BY MARQUETTE COUNTY SHALL BE COMPLIED WITH DURING THE ENTIRE EXTRACTION AND RECLAMATION PROCESS. CONSTRUCTION PROVISIONS WILL BE IN PLACE TO ENSURE THAT SEDIMENTATION REMAINS ON-SITE AND AN APPLICABLE COMBINATION OF BERMS, RIP-RAP & SILT FENCE AS NECESSARY WILL BE INSTALLED AND MAINTAINED AS REQUIRED BY THE PERMIT. IT IS ANTICIPATED THAT THIS PERMIT WILL NEED TO BE MODIFIED OVER TIME TO TIME, AS EXTRACTION AND EXTRACTION OF MATERIALS PROGRESSES AND MOVES ON TO ADDITIONAL AREAS OF THE SITE. THE PORTION OF THE SITE FROM WHICH SOILS ARE BEING EXCAVATED & EXTRACTED SHALL BE LIMITED AT ANY ONE TIME TO THAT WHICH IS NECESSARY TO ENSURE AN EFFICIENT OPERATION, CARRIED OUT IN COMPLIANCE WITH ANY PERMIT REQUIREMENTS. SIDE SLOPES OF THE EXCAVATIONS ARE PROPOSED FOR A FINAL RECLAIMED SLOPE OF 1 ON 3, VERTICAL TO HORIZONTAL. DURING THE EXTRACTION PROCESS, EMPHASIS SHOULD BE PLACED ON KEEPING THE AREA FROM WHICH SOIL IS BEING EXTRACTED AT AN ELEVATION BELOW THE SURROUNDING NATURAL GRADE. KEEPING POTENTIAL SEDIMENTATION INWARD WITHIN THE EXCAVATION. AS THE SOIL EXTRACTION AND EXTRACTION PROCESS NEARS THE NORTHERLY EDGE OF THE PROPERTY, THE GENERAL ELEVATION OF THE NATURAL GRADE DECREASES SUBSTANTIALLY. THE GRADES ARE LOWEST NEAR THE MAJOR DRAINAGE PATH TRAVERSING THE PARCEL. SPECIAL ATTENTION MUST BE GIVEN TO ANY MOVEMENT OF WATER WITHIN THE SOIL EXTRACTION AREA TOWARD THE MAJOR DRAINAGE PATH. IF POSSIBLE, THE AREA BEING EXCAVATED SHOULD HAVE A SLIGHT BACKPITCH AWAY FROM THE "DOWNSTREAM EDGE" OF THE EXCAVATION, REDUCING PRESSURE ON ANY BERMS, RIP-RAP OR OVERFLOW STRUCTURES AND/OR SILT FENCE, MINIMIZING THE CHANCE OF ANY SEDIMENT LEAVING THE SITE. AS SLOPES ARE GRADED TO FINAL DIMENSIONS, TOPSOIL, SEED & MULCH SHALL BE PLACED ON THEM TO REESTABLISH VEGETATION AND SECURE THE RECLAIMED AREA FROM ANY FURTHER EROSION POSSIBILITIES.

LEGEND

- MAJOR EXISTING DRAINAGE ROUTE OR BUFFER ADJACENT TO MAJOR DRAINAGE
- EXISTING CONTOUR GROUND ELEVATION
- PROPOSED CONTOUR GROUND ELEVATION
- BASIS OF BEARINGS
- MGT. COUNTY REMONUMENTATION

NOTES

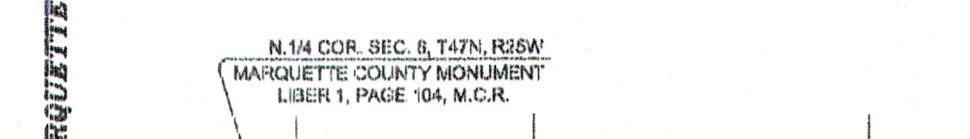
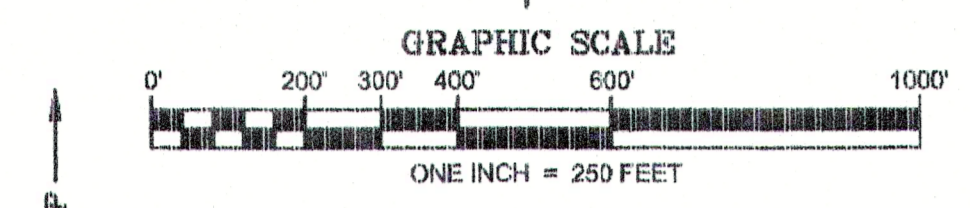
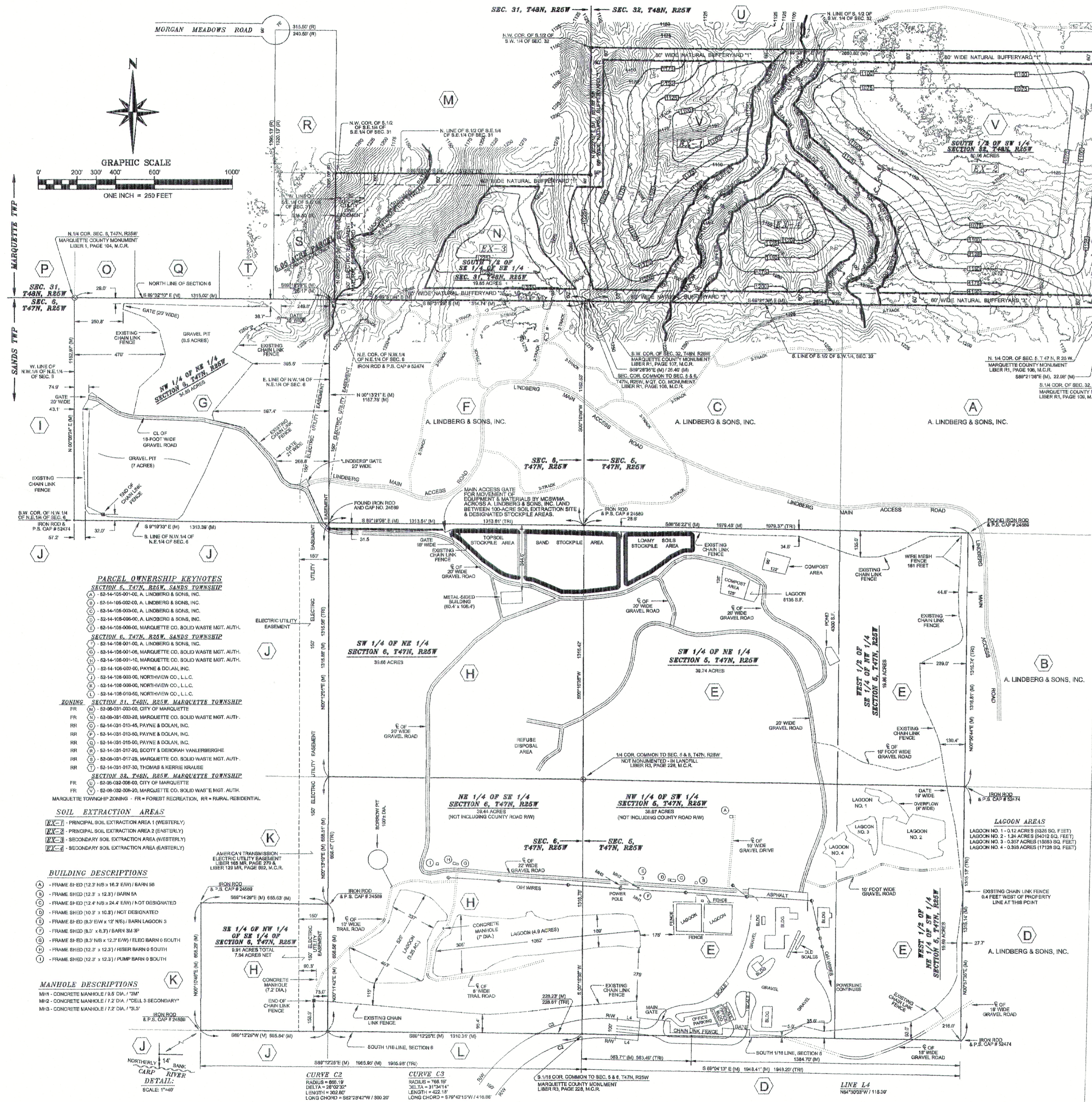
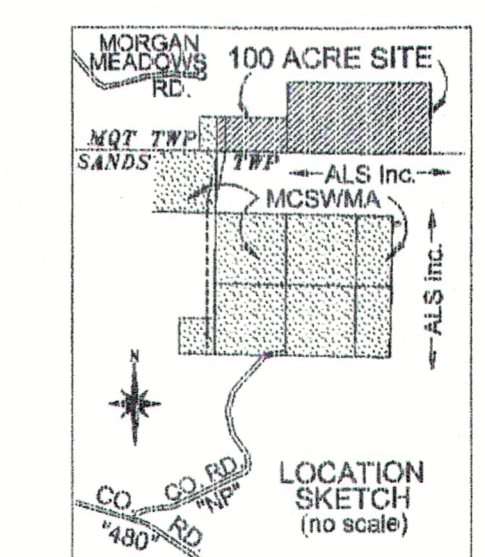
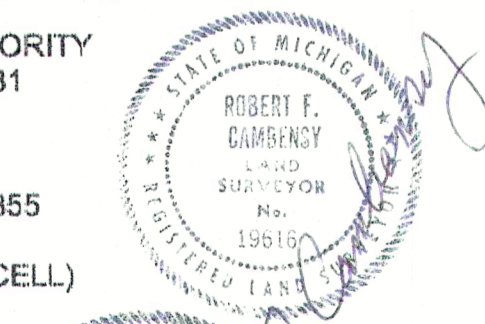
1. BOUNDARY SURVEY INFORMATION & TOPOGRAPHIC FEATURES ON THIS DRAWING ARE FROM A CERTIFIED LAND SURVEY DATED 2012 & 2015 BY GEOMETRIC SURVEYING INC., MICHAEL MILESKI, PROFESSIONAL SURVEYOR.
2. EXISTING TOPOGRAPHY OF THE 100-ACRE NORTH PARCEL SITE WAS PROVIDED BY GEI CONSULTANTS FROM UAS FLIGHT IMAGERY DATED OCTOBER 31, 2016, & DIGITAL MAPPING DATED JANUARY, 2019.
3. COORDINATES AND BEARINGS ARE BASED ON MARQUETTE COUNTY SURVEY REMONUMENTATION DATA.

MARQUETTE COUNTY SOLID WASTE MANAGEMENT AUTHORITY
997 STATE HIGHWAY N-553, GWINN, MICHIGAN 49931
RANDALL YELLE, CHAIRMAN (906) 249-9169
MCSWMA/CHAIRMAN@gmail.com

600 COUNTY ROAD "NP", MARQUETTE, MICHIGAN 49855
BRADLEY A. AUSTIN, DIRECTOR OF OPERATIONS
(906) 249 4125, EXT. 305 (OFFICE) (906) 458 0983 (CELL)
landfillwarrior@gmail.com

ROBERT F. CAMBENY, P.E., R.L.S.
CAMBENY ENGINEERING & SURVEYING
306 NORTH 6TH STREET
MARQUETTE, MICHIGAN 49855
(906) 226 3909
rcambeny@sbcglobal.net

OCTOBER 23, 2019



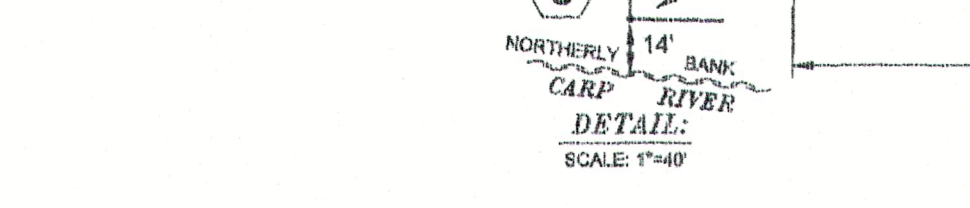
- #### PARCEL OWNERSHIP KEYNOTES
- SECTION 5, T47N, R25W, SANDS TOWNSHIP**
- (A) - 52-14-106-001-00, A. LINDBERG & SONS, INC.
 - (B) - 52-14-106-002-00, A. LINDBERG & SONS, INC.
 - (C) - 52-14-106-003-00, A. LINDBERG & SONS, INC.
 - (D) - 52-14-106-004-00, A. LINDBERG & SONS, INC.
 - (E) - 52-14-106-005-00, MARQUETTE CO. SOLID WASTE MGT. AUTH.
 - (F) - 52-14-106-006-00, A. LINDBERG & SONS, INC.
 - (G) - 52-14-106-007-00, PAYNE & DOLAN, INC.
 - (H) - 52-14-106-008-00, NORTHVIEW CO., L.L.C.
 - (I) - 52-14-106-009-00, NORTHVIEW CO., L.L.C.
 - (J) - 52-14-106-010-00, NORTHVIEW CO., L.L.C.
- SECTION 6, T47N, R25W, SANDS TOWNSHIP**
- (K) - 52-14-106-001-00, A. LINDBERG & SONS, INC.
 - (L) - 52-14-106-002-00, MARQUETTE CO. SOLID WASTE MGT. AUTH.
 - (M) - 52-14-106-003-00, MARQUETTE CO. SOLID WASTE MGT. AUTH.
 - (N) - 52-14-106-004-00, PAYNE & DOLAN, INC.
 - (O) - 52-14-106-005-00, SCOTT & DESORAH VANLIERBERGHE
 - (P) - 52-06-091-017-25, MARQUETTE CO. SOLID WASTE MGT. AUTH.
 - (Q) - 52-14-106-001-00, THOMAS & HERRIE HORAUSE
- SECTION 31, T48N, R25W, MARQUETTE TOWNSHIP**
- (R) - 52-06-091-003-00, CITY OF MARQUETTE
 - (S) - 52-06-091-003-20, MARQUETTE CO. SOLID WASTE MGT. AUTH.
 - (T) - 52-14-106-001-45, PAYNE & DOLAN, INC.
 - (U) - 52-14-106-001-50, PAYNE & DOLAN, INC.
 - (V) - 52-14-106-001-60, PAYNE & DOLAN, INC.
 - (W) - 52-14-106-001-70, SCOTT & DESORAH VANLIERBERGHE
 - (X) - 52-06-091-017-25, MARQUETTE CO. SOLID WASTE MGT. AUTH.
 - (Y) - 52-14-106-001-00, THOMAS & HERRIE HORAUSE
- SECTION 32, T48N, R25W, MARQUETTE TOWNSHIP**
- (Z) - 52-06-091-003-00, CITY OF MARQUETTE
 - (AA) - 52-06-092-006-20, MARQUETTE CO. SOLID WASTE MGT. AUTH.

- #### ZONING
- SECTION 5, T47N, R25W, SANDS TOWNSHIP**
- FR - 52-06-091-003-00, CITY OF MARQUETTE
 - FR - 52-06-091-003-20, MARQUETTE CO. SOLID WASTE MGT. AUTH.
 - RR - 52-14-106-001-45, PAYNE & DOLAN, INC.
 - RR - 52-14-106-001-50, PAYNE & DOLAN, INC.
 - RR - 52-14-106-001-60, PAYNE & DOLAN, INC.
 - RR - 52-14-106-001-70, SCOTT & DESORAH VANLIERBERGHE
 - RR - 52-06-091-017-25, MARQUETTE CO. SOLID WASTE MGT. AUTH.
 - RR - 52-14-106-001-00, THOMAS & HERRIE HORAUSE
- SECTION 6, T47N, R25W, SANDS TOWNSHIP**
- FR - 52-06-091-003-00, CITY OF MARQUETTE
 - FR - 52-06-092-006-20, MARQUETTE CO. SOLID WASTE MGT. AUTH.
- MARQUETTE TOWNSHIP ZONING - FR = FOREST RECREATION, RR = RURAL RESIDENTIAL

- #### SOIL EXTRACTION AREAS
- EX-1 - PRINCIPAL SOIL EXTRACTION AREA 1 (WESTERLY)
 - EX-2 - PRINCIPAL SOIL EXTRACTION AREA 2 (EASTERLY)
 - EX-3 - SECONDARY SOIL EXTRACTION AREA (WESTERLY)
 - EX-4 - SECONDARY SOIL EXTRACTION AREA (EASTERLY)

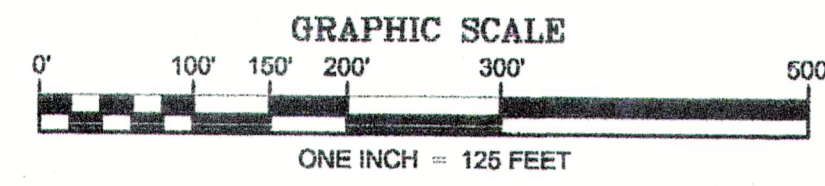
- #### BUILDING DESCRIPTIONS
- (1) - FRAME SHED (12.7' x 18.3' x 16.3') BARN 5B
 - (2) - FRAME SHED (12.7' x 12.3') BARN 6A
 - (3) - FRAME SHED (12.7' x 18.3' x 24.4') EASY 107 DESIGNATED
 - (4) - FRAME SHED (10.3' x 18.3') NOT DESIGNATED
 - (5) - FRAME SHED (8.3' x 12.3') BARN LAGOON 3
 - (6) - FRAME SHED (8.3' x 18.3') BARN 3A 3B
 - (7) - FRAME SHED (8.3' x 18.3') FLEED BARN 0 SOUTH
 - (8) - FRAME SHED (12.7' x 12.3') RISER BARN 0 SOUTH
 - (9) - FRAME SHED (12.7' x 12.3') PUMP BARN 0 SOUTH

- #### MANHOLE DESCRIPTIONS
- M1 - CONCRETE MANHOLE / 8.5 DIA. / 24" DIA.
 - M2 - CONCRETE MANHOLE / 7.2 DIA. / 24" DIA. / CELL 3 SECONDARY
 - M3 - CONCRETE MANHOLE / 7.2 DIA. / 24" DIA.



SEC. 31, T48N, R25W SEC. 32, T48N, R25W

0' (R)
0' (R)



M

N.W. COR. OF S.1/2 OF S.W. 1/4 OF SEC. 32

SEC. 32, T48N, R25W

U

N. LINE OF S. 1/2 OF S.W. 1/4 OF SEC. 32

2-TRACK

N.E. OF S.W.1

R

N.W. COR. OF S.1/2 OF S.E. 1/4 OF SEC. 31
N. LINE OF S.1/2 OF S.E. 1/4 OF S.E. 1/4 OF SEC. 31

N. LINE OF S.1/2 OF S.W. 1/4 OF SEC. 32

V

SOUTH 1/2 OF SW 1/4 SECTION 32, T48N, R25W
80.96 ACRES

EX-2

N

SOUTH 1/2 OF SE 1/4 OF SE 1/4 SEC. 31, T48N, R25W
19.85 ACRES

EX-3

V

EX-1

EX-4

PARCEL OWNERS ONLY
ELECTRIC UTILITY EASEMENT
150' ELECTRIC UTILITY EASEMENT
N.00°33'56"E (M) 698.47' (M)
N.00°33'56"E (M) 698.47' (M)

MAJOR INTERMITTENT STREAM
DRAINAGE PATH
60' WIDE NATURAL BUFFERYARD "1"

60' WIDE NATURAL BUFFERYARD "1"

60' WIDE NATURAL BUFFERYARD "1"

60' WIDE NATURAL BUFFERYARD "1"

60' WIDE NATURAL BUFFERYARD "1"

60' WIDE NATURAL BUFFERYARD "1"

60' WIDE NATURAL BUFFERYARD "3"

60' WIDE NATURAL BUFFERYARD "3"

60' WIDE NATURAL BUFFERYARD "3"

60' WIDE NATURAL BUFFERYARD "3"

60' WIDE NATURAL BUFFERYARD "3"

60' WIDE NATURAL BUFFERYARD "3"

N.E. COR. OF N.W.1/4 OF N.E. 1/4 OF SEC. 6
IRON ROD & P.S. CAP # 52474

S.00°16'59"W 1162.53'

S.W. COR. OF SEC. 32, T48N, R25W
MARQUETTE COUNTY MONUMENT LIBER R1, PAGE 107, M.C.R.
S89°28'36"E (M) / 26.40' (M)
SEC. COR. COMMON TO SEC. 5 & 6, T47N, R25W, MQT. CO. MONUMENT LIBER R1, PAGE 106, M.C.R.

S. LINE OF S.1/2 OF S.W.1/4, SEC. 32

N. 1/4 COR. OF SEC. 5, T 47 N, R 25 W.
MARQUETTE COUNTY MONUMENT LIBER R1, PAGE 108, M.C.R.
S89°21'36"E (M), 22.98' (M)

S.1/4 COR. OF SEC. 32, T48N, R25W
MARQUETTE COUNTY MONUMENT LIBER R1, PAGE 109, M.C.R.

N.00°13'21" E (M) 1157.78' (M)

A. LINDBERG & SONS, INC.

A. LINDBERG & SONS, INC.

A. LINDBERG & SONS, INC.

A. LINDBERG & SONS, INC.

A. LINDBERG & SONS, INC.

"LINDBERG" GATE 20' WIDE

LINDBERG MAIN ACCESS ROAD

LINDBERG MAIN ACCESS ROAD

LINDBERG MAIN ACCESS ROAD

LINDBERG MAIN ACCESS ROAD

LINDBERG MAIN ACCESS ROAD

FOUND IRON ROD AND CAP NO. 24589

S.89°19'06" E (M) 1313.54' (M)

IRON ROD & P.S. CAP # 24589 28.6'

S88°58'22"E (M) 1979.48' (M)

S88°58'22"E (M) 1979.37' (TRI)

S88°58'22"E (M) 1979.37' (TRI)

GATE 18' WIDE

TOPSOIL STOCKPILE AREA

SAND STOCKPILE AREA

LOAMY SOILS AREA

EXISTING CHAIN LINK FENCE

EXISTING CHAIN LINK FENCE

EXISTING CHAIN LINK FENCE

EXISTING CHAIN LINK FENCE

EXISTING CHAIN LINK FENCE

EXISTING CHAIN LINK FENCE

EXISTING CHAIN LINK FENCE

EXISTING CHAIN LINK FENCE

MARQUETTE COUNTY SOLID WASTE MANAGEMENT AUTHORITY
PART OF SECTIONS 5 AND 6, T47N, R25W, SANDS TOWNSHIP,
& PART OF SECTIONS 31 AND 32, T48N, R25W, MARQUETTE TOWNSHIP
MARQUETTE COUNTY, MICHIGAN

MARQUETTE COUNTY SOLID WASTE MANAGEMENT AUTHORITY
987 STATE HIGHWAY M-53, GWINN, MICHIGAN 49831
RANDALL YELLE, CHAIRMAN (906) 249-9169
MCSWMACHAIRMAN@gmail.com
600 COUNTY ROAD "NP", MARQUETTE, MICHIGAN 49855
BRADLEY A. AUSTIN, DIRECTOR OF OPERATIONS
(906) 249 4125, EXT. 305 (OFFICE) (906) 458 0983 (CELL)
landfillwarrior@gmail.com

ROBERT F. CAMBENSY, P.E., R.L.S.
CAMBENSY ENGINEERING & SURVEYING
306 NORTH 6TH STREET
MARQUETTE, MICHIGAN 49855
(906) 226 3909
rcambensy@sbcglobal.net
OCTOBER 23, 2019

