












CERTIFICATE OF SURVEY

Received
OCEANA COUNTY, MICHIGAN
03-04-2021 09:36 am.

Legend

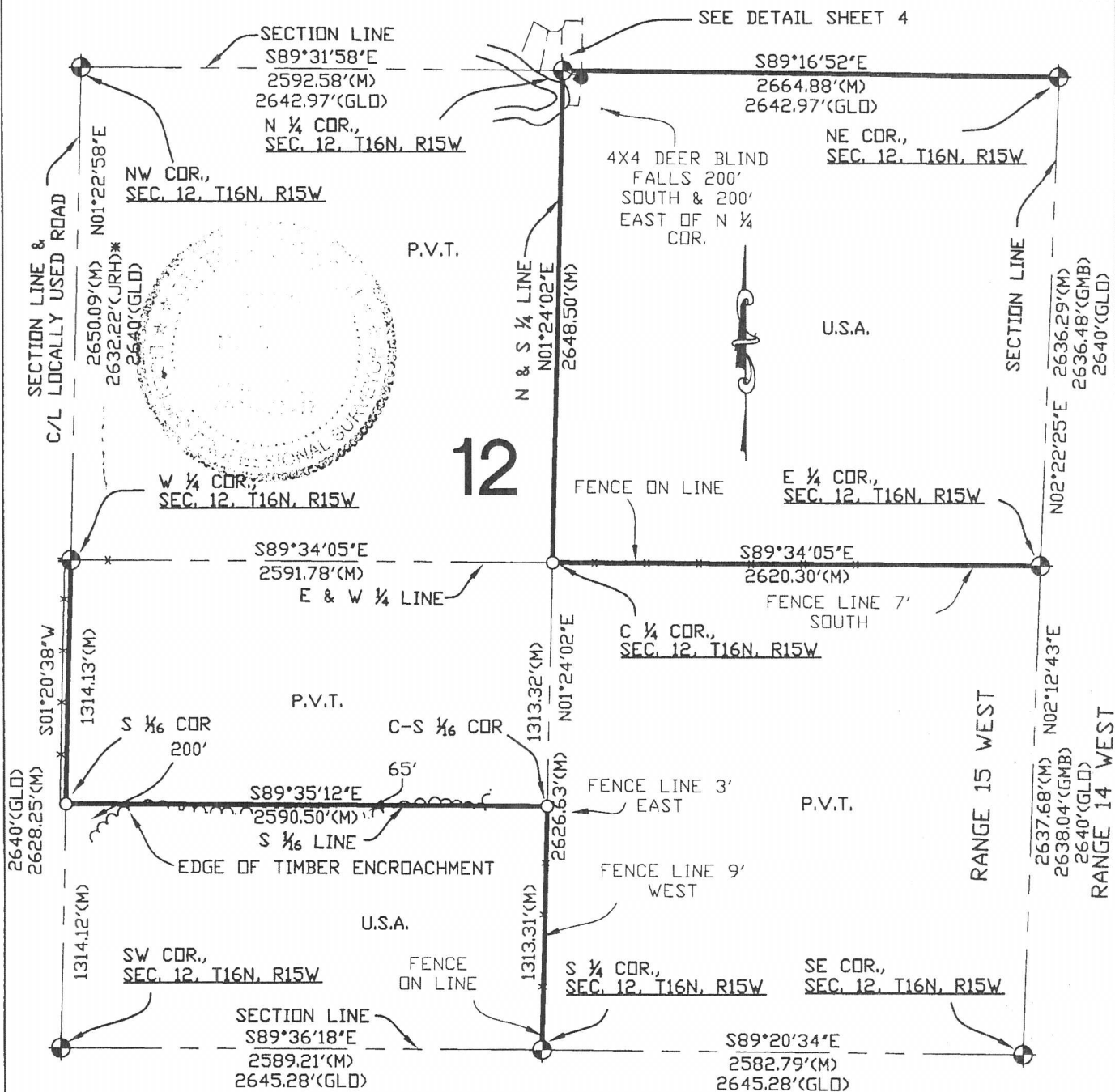
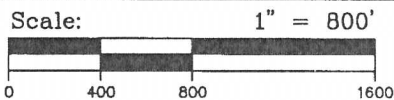
-  EXISTING PLSS CORNER POSITION ACCEPTED
-  PLSS CORNER POSITION MONUMENTED
-  SECTION SUBDIVISIONAL CORNER SET
-  1/2"x18" REROD CAP #28417
-  SECTION SUBDIVISIONAL CORNER FOUND AS NOTED
-  RIGHT-OF-WAY LINE
-  FENCE
-  BOUNDARY LINE POSTED
-  * INDICATES MEASUREMENT TO MONUMENTS NOT UTILIZED IN THIS SURVEY
-  B.C.M. 5" SQUARE CONCRETE MONUMENT W 3" BRASS CAP
-  B.C.P. 2 1/2"x30" FLARED BOTTOM STEEL PIPE WITH A 3/4" BRASS CAP

OR Liber 2021 Page 5497 - 5500

Filed for Record in OCEANA COUNTY, MICHIGAN
RICHARD A HODGES, REGISTER OF DEEDS
On 03-04-2021 At 10:22:43 am.
Document Number 202100001367
LAND SURVEY 30.00

SV 1036

SPACE RESERVED FOR REGISTER OF DEEDS



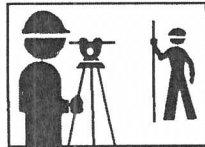
I, Robert F. Mitchell #4001028417 being a Licensed Professional Surveyor, hereby certify to the client listed herein that I have surveyed and mapped the parcel(s) heron described and that the relative positional precision of each corner is within the limits accepted by the practice of professional surveying and that all the requirements of P.A. 132 of 1970, as amended, have been complied with.

Robert F. Mitchell
Professional Surveyor No. 4001028417

ABSOLUTE ERROR IS LESS THAN 0.2'

BASIS OF BEARING: NAD 83 MICHIGAN CENTRAL ZONE STATE PLANE GRID

Bob Mitchell & Associates P.C.



404 West Main Street P.O. Box 306
Kingsley, MI 49649
(231) 263-5463 · FAX (231) 263-7921
Toll Free in Michigan 1-800-533-8827
email wm@mapcivilsurvey.com

SURVEYING / ENGINEERING

CLIENT:
USDA- FOREST SERVICE

LOCATION:
SECTION 12,
TOWN 16 NORTH, RANGE 15 WEST,
COLFAX TOWNSHIP, OCEANA COUNTY,
MICHIGAN.

DWN. WPM	DATE 6-22-20	FILE NO. 20200064	
CK. RFM	FLD. BK. X	PG. X	SHEET 1 OF 4

LEGAL AND COORDINATES

COORDINATE LIST
 NAD83 MICHIGAN CENTRAL ZONE INTERNATIONAL FEET STATE PLANE COORDINATES
 ELEVATIONS SHOWN TO TWO DECIMAL PLACES ARE ORTHOMETRIC HEIGHTS DERIVED FROM GPS
 MEASUREMENTS AND THE GEDD12 MODEL. ALL OTHER ELEVATIONS ARE SCALED.
 NAD 83 GEOGRAPHIC COORDINATES ARE SHOWN AS NORTH LATITUDE AND WEST LONGITUDE.
 (DEG MIN SEC.SSSS)

POINT	NORTHING	EASTING	ELEVATION	LATITUDE	LONGITUDE	S.F.	C.S.F.	CONVERGENCE
NE 1/4 12 16N 15W	181036.71	19243712.19	764.14	43 48 02.683046 N	86 02 17.346355 W	1.00010959	1.00007844	-1 10 50.698035
E 1/4 12 16N 15W	178402.68	19243603.01	747.04	43 47 36.656189 N	86 02 18.094571 W	1.00011208	1.00008175	-1 10 51.226580
SE 1/4 12 16N 15W	175766.97	19243501.20	791.41	43 47 10.614256 N	86 02 18.741522 W	1.00011459	1.00008214	-1 10 51.683591
S 1/4 12 16N 15W	175796.59	19240918.59	816.14	43 47 10.379507 N	86 02 53.944179 W	1.00011461	1.00008098	-1 11 16.551009
SW 1/4 12 16N 15W	175814.44	19238329.43	858.98	43 47 10.024135 N	86 03 29.232670 W	1.00011465	1.00007897	-1 11 41.479060
NW 1/4 12 16N 15W	181091.28	19238455.03	756.05	43 48 02.145679 N	86 03 29.020805 W	1.00010964	1.00007889	-1 11 41.329397
W 1/4 12 16N 15W	178441.97	19238391.07	781.09	43 47 35.977819 N	86 03 29.139634 W	1.00011214	1.00008020	-1 11 41.413339
N 1/4 12 16N 15W	181070.14	19241047.52	753.28	43 48 02.469262 N	86 02 53.677356 W	1.00010961	1.00007899	-1 11 16.362523

SPACE RESERVED FOR REGISTER OF DEEDS

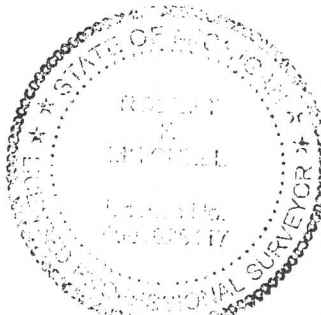
LEGAL DESCRIPTION OF THE NATIONAL FOREST SYSTEMS LANDS:
 The Northeast 1/4 and The South 1/2 of the Southwest 1/4
 Section 12, Town 16 North, Range 15 West, Colfax Township,
 Oceana County, Michigan.

Surveyors Legend

(GLD) GENERAL LAND OFFICE
 (M) MITCHELL AND ASSOCIATES
 (C) COMPUTED DISTANCE YEAR
 (C.S.) COUNTY SURVEYOR
 (GMB) GEORGE M. BLASS
 (JRH) J. RANDOLPH HEPWORTH 1986
 P.S. # 5489
 26457

DISTANCES ARE SHOWN IN NAD 83 MICHIGAN CENTRAL
 STATE PLANE GRID IN INTERNATIONAL FEET.
 1 INTERNATIONAL FOOT = 0.3048 METERS. COMBINED
 GRID FACTOR FOR THE PROJECT = 1.000080044

($\frac{\text{GRID DISTANCE}}{\text{COMBINED SCALE FACTOR}}$) = GROUND DISTANCE



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CORNER WITNESSES

CORNER COMMON TO SECTIONS 1 & 12 T16N, R15W AND SECTIONS 6 & 7 T16N, R14W

FOUND 5"x60" SQUARE CONCRETE MONUMENT WITH 3/4" BRASS CAP AT J. BEAN POSITION 10' WEST OF C/L N-S 2-TRACK

N66°E	FD SPK. IN SE. SIDE 12" TWIN OAK	21.45'
S47°W	SET 70D SPK. IN NW. SIDE 7" W. OAK	86.88'
S01°W	SET 70D SPK. IN E. SIDE 19" W. OAK	106.64'
N74°W	SET 70D SPK. IN NE. SIDE 16" MAPLE	114.84'

SPACE RESERVED FOR REGISTER OF DEEDS

1/4 CORNER COMMON TO SECTION 12 T16N, R15W AND SECTIONS 7 T16N, R14W

FOUND 5"x60" SQUARE CONCRETE MONUMENT WITH 3/4" BRASS CAP AT J. BEAN POSITION ON C/L N-S TRAIL±

S68°E	FD SPK. IN S. SIDE 16" BEECH	39.46'
N38°W	FD SPK. IN SW. SIDE 17" ASH	60.27'
S61°W	FD SPK. IN N. SIDE 13" MAPLE	37.73'
N83°E	SET 70D SPK. IN N. SIDE 18" HEMLOCK	43.48'

1/4 CORNER COMMON TO SECTIONS 1 & 12, T16N, R15W

FOUND 1/2"x43" SMOOTH IRON BY J. BEAN		
EAST	FIBERGLASS POST	1'
S69°E	4" CONCRETE MONUMENT	107.49'
S34°E	SET 70D SPK. IN W. SIDE 15" HEMLOCK	78.58'
S48°W	SET 70D SPK. IN W. SIDE 6" B. OAK	64.08'
N23°W	SET 70D SPK. IN W. SIDE 8" R. OAK	68.30'

CENTER 1/4 CORNER

SET 1/2"x18" REROD W/CAP #28417 AT THE INTERSECTION OF 1/4 LINES

NORTH	FIBERGLASS POST	1'
S44°E	SET 70D SPK. IN W. SIDE 9" R. OAK	41.43'
S45°W	SET 70D SPK. IN NW. SIDE 9" MAPLE	30.60'
N75°W	SET 70D SPK. IN N. SIDE 4" BEECH	22.74'
N14°W	SET 70D SPK. IN W. SIDE 4" POPLAR	26.00'

CORNER COMMON TO SECTIONS 12 & 13 T16N, R15W AND SECTIONS 7 & 18 T16N, R14W

FOUND 5"x60" SQUARE CONCRETE MONUMENT WITH 3/4" BRASS CAP AT J. BEAN POSITION 4' NORTH OF TRAIL NORTH & WEST, ON TRAIL SOUTH

N37°E	FD SPK. IN 12" MAPLE	46.17'
S84°E	FD SPK. IN 24" MAPLE	105.82'
S40°E	FD SPK. IN 22" MAPLE	36.42'
S56°W	FD SPK. IN 12" W. PINE	81.31'
N35°E	FIBERGLASS POST	35'

1/4 CORNER COMMON TO SECTIONS 12 & 13, T16N, R15W

FOUND 1/2"x43" SMOOTH IRON BY J. BEAN 5' SOUTH OF E-W TRAIL

N72°E	60D SPK. IN SE. SIDE 18" CHERRY	58.58'
S51°E	DOCK SPK. IN S. SIDE 13" R. PINE	42.09'
S25°W	60D SPK. IN SE. SIDE 14" R. PINE	35.60'
N63°W	60D SPK. IN NE. SIDE 10" CHERRY	58.08'
N09°W	60D SPK. IN W. SIDE 12" R. PINE	28.32'
SOUTH	FIBERGLASS POST	5'

CORNER COMMON TO SECTIONS 11, 12, 13 & 14 T16N, R15W

FOUND 1/2"x43" SMOOTH IRON BY J. BEAN 4' EAST OF C/L N - S TRAIL

N87°E	60D SPK. IN E. SIDE 1" W. OAK	93.29'
S86°E	60D SPK. IN N. SIDE 9" BEECH	68.78'
S40°E	60D SPK. IN NE. SIDE 5" OAK	53.79'
S78°W	60D SPK. IN N. SIDE 13" R. PINE	50.93'
EAST	FIBERGLASS POST	1'

1/4 CORNER COMMON TO SECTIONS 11 & 12, T16N, R15W

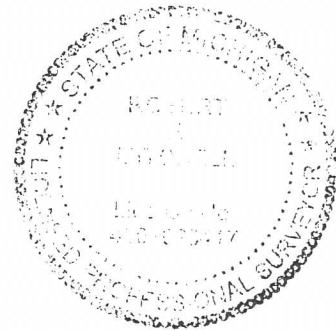
SET 2 1/2"x30" FLARED BOTTOM STEEL PIPE WITH A 3/4" BRASS CAP STAMPED #28417 33 FEET EAST OF R/W KING POST IN TRAIL NW & SE

N64°E	SET 70D SPK. IN N. SIDE 6" MAPLE	34.48'
S62°E	SET 70D SPK. IN N. SIDE 10" R. PINE	77.84'
S64°W	1/2" REROD	9.05'
S81°W	1/2"x12" PIPE	28.74'
S84°W	SET 70D SPK. IN N. SIDE 7" R. PINE	33.95'
WEST	FIBERGLASS POST	33'
WEST	1/2" REROD W/CAP #28417	33.00'

CORNER COMMON TO SECTIONS 1, 2, 11 & 12 T16N, R15W

FOUND 1/2"x43" SMOOTH IRON BY J. BEAN IN C/L N - S TRAIL ROAD

N81°E	SET 70D SPK. IN S. SIDE 11" CHERRY	47.70'
S71°E	1/2" REROD	72.70'
S59°E	SET 70D SPK. IN S. SIDE 8" MAPLE	64.66'
S45°W	1/2" REROD	31.80'
WEST	FIBERGLASS POST	33'
N70°W	SET 70D SPK. IN N. SIDE 6" MAPLE	59.22'



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DWN. WPM	DATE 6-22-20	FILE NO. 20200064
CK. RFM	FLD. BK. X PG. X	SHEET 3 OF 4

REPORT OF SURVEY

John Bean did a remonumentation of the entire township in 1883, his monuments or a perpetuation of his monuments were recovered at the Southwest, Northwest, North one-quarter, Northeast corner, East one-quarter corner, Southeast and South one-quarter corners.

SPACE RESERVED FOR REGISTER OF DEEDS

CONFLICTING MONUMENTATION/EVALUATED CORNERS:

N 1/4 Corner: This corner was a found J. Bean iron. A 4" concrete monument identified as the 1/4 corner per the Water Wonderland No. 2 subdivision falls S69°E, 107.49 feet from the Bean iron. An excavation was done around the concrete monument and no evidence of the original GLO corner was found at that position.

NW Corner: This corner was a found J. Bean iron in the centerline of a North and South gravel/dirt road. A 1/2" rered falls S46°W 31.80 feet.

W1/4 Corner: This corner was set 33 feet East of a large fence post on the West right-of-way in line with fences East and West. There was also an old road bed going North and South that approximately fit this position. A 1/2" rered from an unknown origin falls S64°E 9.05 feet. Also a 1/2 pipe falls S81°W 28.74 feet. We excavated an area 8 feet North and South from the fence line West and 20 feet East and West. Could not find a Bean iron.

SECTION SUBDIVISION:

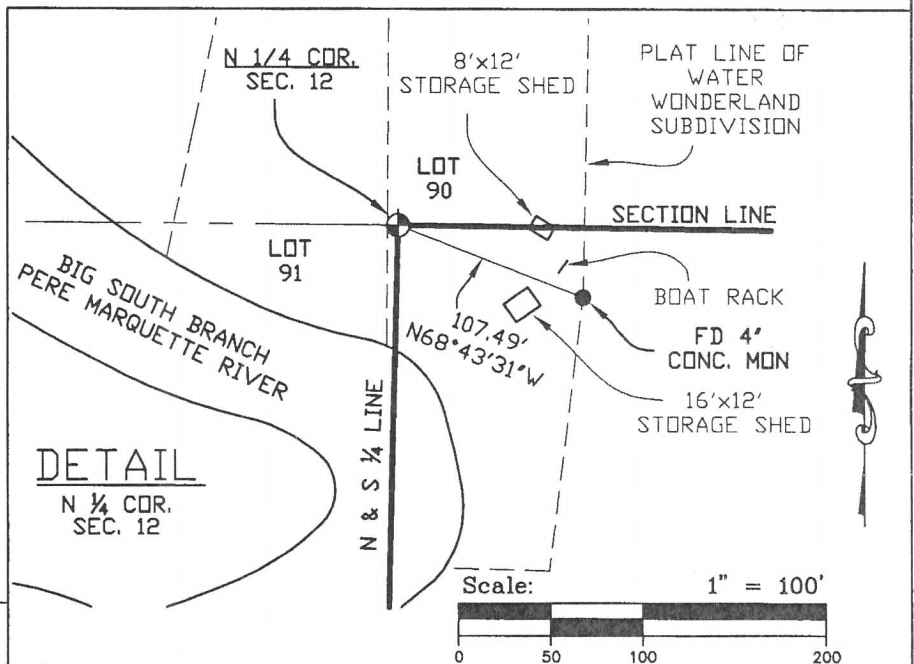
This Section was subdivided by standard BLM instructions.

ENCROACHMENTS:

Several encroachments exist near the North 1/4 corner, see detail below. Also a 4'x4' deer blind falls 200' South and 200' East of the North 1/4 corner. A timber encroachment exists along the South 1/16 line, varying width.

OCCUPATION/FENCES:

An old down fence runs East from the center of Section to the East one-quarter. This fence is constructed with wood posts, page wire and barb wire. The fence is within 2 feet of line from the center post East for 3/8 mile; then its barb wire runs through the trees and meanders southerly 7'+/-. We found a few pieces of barb wire exactly on line while running the North and South one-quarter line but not enough to tell where the fence was or how it was constructed. A down barb wire fence runs North from the South 1/4 corner and is approximately located from 9' West to 3' East of the 1/4 line. An old road exists on the line between Sections 11 and 12. This road appears to be an old township road but it is not currently part of the county road system but is being used by local land owners. An encroachment may exist as the currently used road comes from the North and then turns East near the quarter corner between Sections 11 and 12. Also according to the Newaygo County Road Commission Maple Island Road was abandoned, North of 16 mile road, in 1990. Newaygo County has sole jurisdiction over Maple Island road North of Hesperia.



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