

SURVEY SKETCH

Hardy Hydro
USFS Ingress/Egress Easement

NE Corner
Section 12
T13N, R11W
Remonumentation Monument
Recorded L.101, P.112
Mecosta County Records

Legal Description: See Sheet 2.

North Line of the SE 1/4 of the NE 1/4

L28 L27 L26 L25 L24 L23 L22 L21 L20 L19

P.O.E.

USFS
Property
SE 1/4
of NE 1/4

C/L Dirt Trail &
16' Wide
Easement



SCALE: 1"=200'
0 100 200

LINE TABLE		
LINE	BEARING	DISTANCE (ft.)
L1	N33°46'13"E	33.85
L2	N20°23'41"E	50.00
L3	N27°00'54"W	52.93
L4	N02°06'05"E	68.28
L5	N13°18'23"W	41.28
L6	N02°36'11"W	37.66
L7	N04°02'24"E	73.35
L8	N12°20'16"E	81.04
L9	N05°34'30"E	51.68
L10	N03°48'28"W	51.78
L11	N10°45'13"W	52.65
L12	N04°18'41"W	69.48
L13	N05°46'36"E	53.90
L14	N16°02'26"E	196.15
L15	N12°03'36"E	80.07
L16	N25°46'21"E	29.98
L17	N43°38'38"E	74.05
L18	N04°48'08"E	31.80
L19	N59°48'16"W	26.98
L20	N73°08'40"W	139.67
L21	N61°37'00"W	60.96
L22	N67°43'09"W	65.40
L23	N82°47'44"W	65.51
L24	S88°37'53"W	56.59
L25	S79°07'36"W	144.69
L26	S84°20'55"W	74.09
L27	S87°58'59"W	113.82
L28	S79°53'12"W	31±

500°19'24"W
2624.48'

East Line of Section 12
Newcosta Avenue

West Line of the SE 1/4 of the NE 1/4

East-West 1/4 Line
4565.87'

N87°32'03"W
720.40'

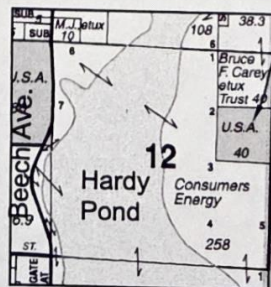
West 1/4 Corner
Section 12
T13N, R11W
2" Pipe w/ CPCO Cap

East 1/4 Corner
Section 12
T13N, R11W
Remonumentation Monument
Recorded L.101, P.126
Mecosta County Records

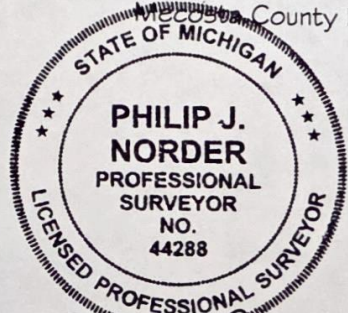
Legend

- = SECTION CORNER
- L1 = LINE LABEL FOR SEGMENT OF TRAIL
- = USFS Property Line

Notes:
1) Distances are Grid Distances. To convert to ground, multiply by the Combined Scale Factor of 1.000065.
2) Basis of Bearing is the Michigan State Plane Coordinate System, South Zone, NAD83.



Location Map
Not to Scale



Philip J. Norder 6/13/2005

Consumers Energy

1945 WEST PARNALL ROAD
JACKSON, MICHIGAN 49201
517-788-1526

NE 1/4 Section 12
T13N, R11W, Big Prairie Twp.
Newaygo Co, Michigan

AF No.: 8507.2211.7

Drawing No. SB-19963

Filename: SB19963SHT1-2.DWG
Field Crew: MWB, JWH
Field Book No. 1744
Drawn By: PJN
Date: 6/10/2005
Scale 1" = 200'
Sheet 1 of 2

SURVEY SKETCH

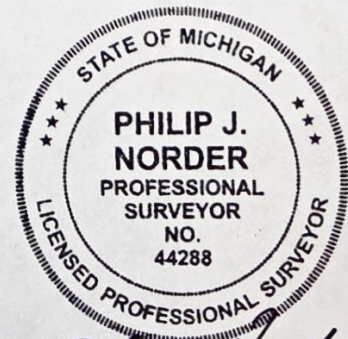
Hardy Hydro
USFS Ingress/Egress Easement

Legal Description: 16-Foot Wide Ingress/Egress Easement

A strip of land 16 feet in width being 8 feet on each side of the centerline of an existing dirt trail located in the Southeast 1/4 of the Northeast 1/4 of Section 12, T13N, R11W, Big Prairie Township, Newaygo County, Michigan the centerline of said strip being more particularly described as follows: Commencing at the East 1/4 Corner of said Section; thence North 87°32'03" West, along the East-West 1/4 line of said Section, 720.40 feet to the centerline of a dirt trail and to the POINT OF BEGINNING; thence along the centerline said trail the following 28 courses:

North 33°46'13" East 33.85 feet;
North 20°23'41" East 50.01 feet;
North 27°00'54" West 52.93 feet;
North 02°06'05" East 68.28 feet;
North 13°18'23" West 41.28 feet;
North 02°36'11" West 37.66 feet;
North 04°02'24" East 73.35 feet;
North 12°20'16" East 81.04 feet;
North 05°34'30" East 51.68 feet;
North 03°48'28" West 51.78 feet;
North 10°45'13" West 52.65 feet;
North 04°18'41" West 69.48 feet;
North 05°46'36" East 53.90 feet;
North 16°02'26" East 196.15 feet;
North 12°03'36" East 80.07 feet;
North 25°46'21" East 29.98 feet;
North 43°38'38" East 74.05 feet;
North 04°48'08" East 31.80 feet;
North 59°48'16" West 26.98 feet;
North 73°08'40" West 139.67 feet;
North 61°37'00" West 60.96 feet;
North 67°43'09" West 65.40 feet;
North 82°47'44" West 65.51 feet;
South 88°37'53" West 56.59 feet;
South 79°07'36" West 144.69 feet;
South 84°20'55" West 74.09 feet;
South 87°58'59" West 113.82 feet;

South 79°53'12" West 31 feet more or less to the West line of the Southeast 1/4 of the Northeast 1/4 of said Section and to the POINT OF ENDING. The sidelines of said 16 foot wide strip are to be extended or shortened to meet at angle points, said sidelines are to begin at the East-West 1/4 line of said Section and to terminate at the West line of the Southeast 1/4 of the Northeast 1/4 of said Section.



Philip J. Norder 6/13/2005

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NE 1/4 Section 12
T13N, R11W, Big Prairie Twp.
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A/F No.: 8507.2211.7

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