



SAUK COUNTY WISCONSIN  
HIGH ACCURACY REFERENCE NETWORK  
FINAL REPORT

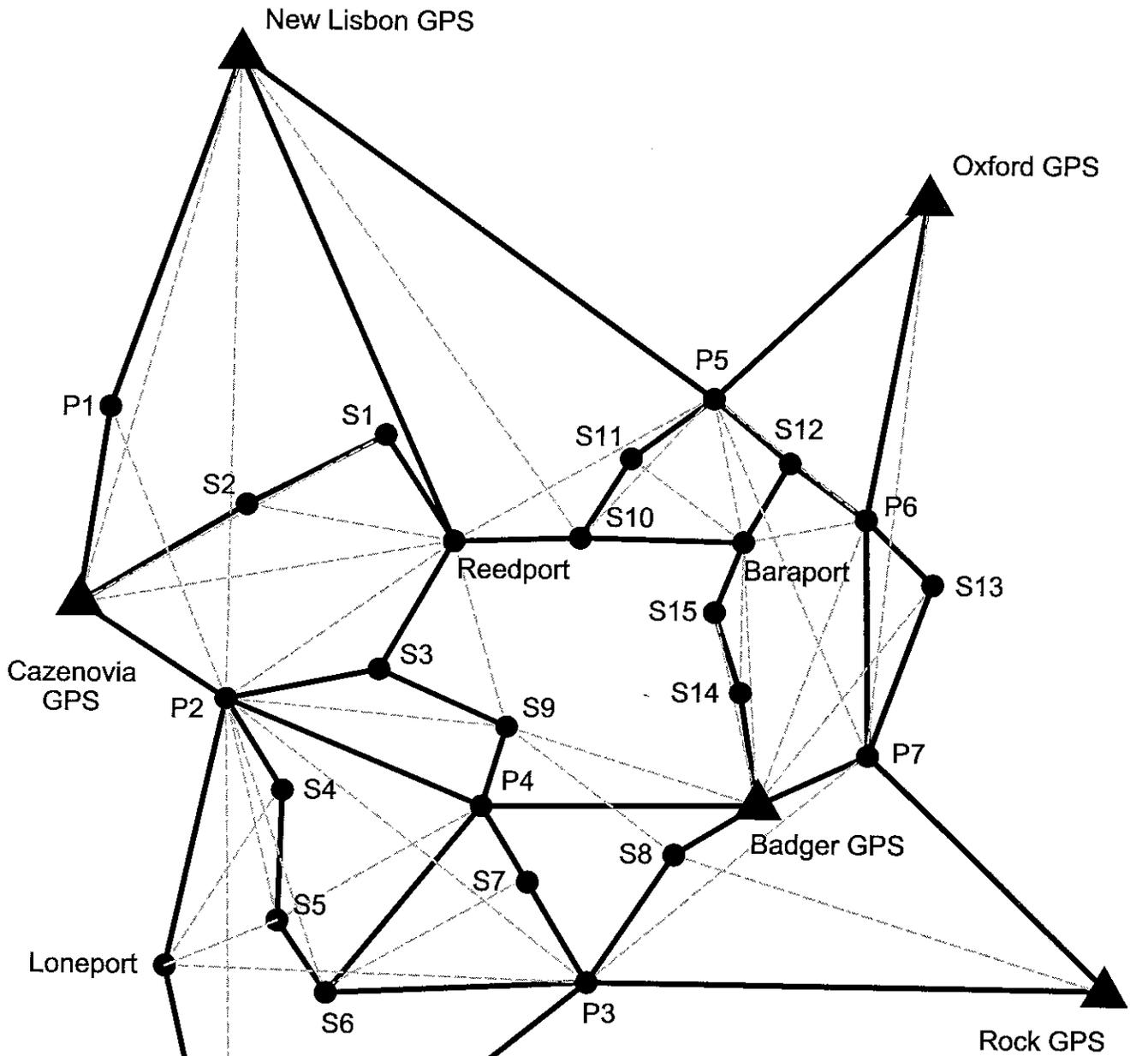
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SAUK COUNTY WISCONSIN  
HIGH ACCURACY REFERENCE NETWORK (HARN)



LEGEND

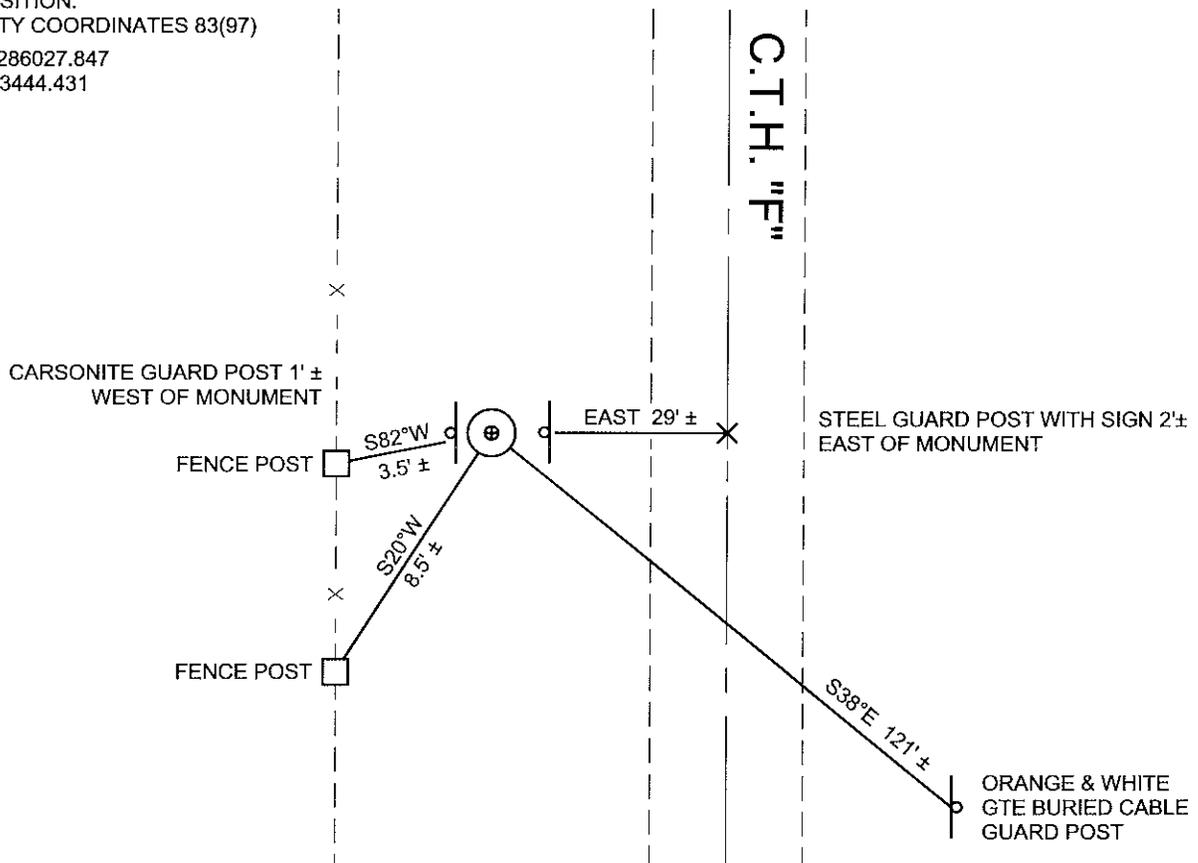
- Baseline Included In Network
- - - Trivial Baseline Not Included In Network
- ▲ Dodgeville GPS = State HARN Station
- P1 = Primary Sauk County HARN Station  
Includes Baraport, Loneport & Reedport
- S1 = Secondary Sauk County HARN Station

# SAUK COUNTY HIGH ACCURACY REFERENCE NETWORK (HARN) STATION LOCATION RECORD

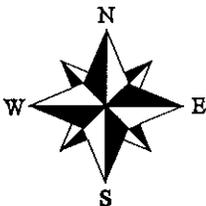
## STATION NAME: SECONDARY 1

TO ARRIVE AT STATION... WEST SIDE CTH "F", 2200 FEET NORTHERLY OF INTERSECTION CTH "F" AND FARBER ROAD

STATION POSITION:  
SAUK COUNTY COORDINATES 83(97)  
NORTHING: 286027.847  
EASTING: 573444.431



THE SAUK COUNTY HARN MONUMENT SHOWN IS A 0.75" DIAMETER SECTIONAL ALUMINUM ROD DRIVEN TO REFUSAL AT 16.0'. THE ROD IS PLASTIC-SLEEVED NEAR THE GROUND SURFACE, CENTER-PUNCHED AND HOUSED IN AN ALUMINUM COVER AT GRADE.



NOT TO SCALE  
BEARINGS ARE MAGNETIC

STATION ORIGINALLY POSITIONED BY:  
VIERBICHER ASSOCIATES, INC.  
400 VIKING DRIVE  
REEDSBURG, WI 53959  
DECEMBER 1, 1999

SAUK COUNTY SURVEYOR'S OFFICE  
MATTHEW M FILUS, RLS # 2185  
PLAN VIEW REVISED MARCH 20, 2002

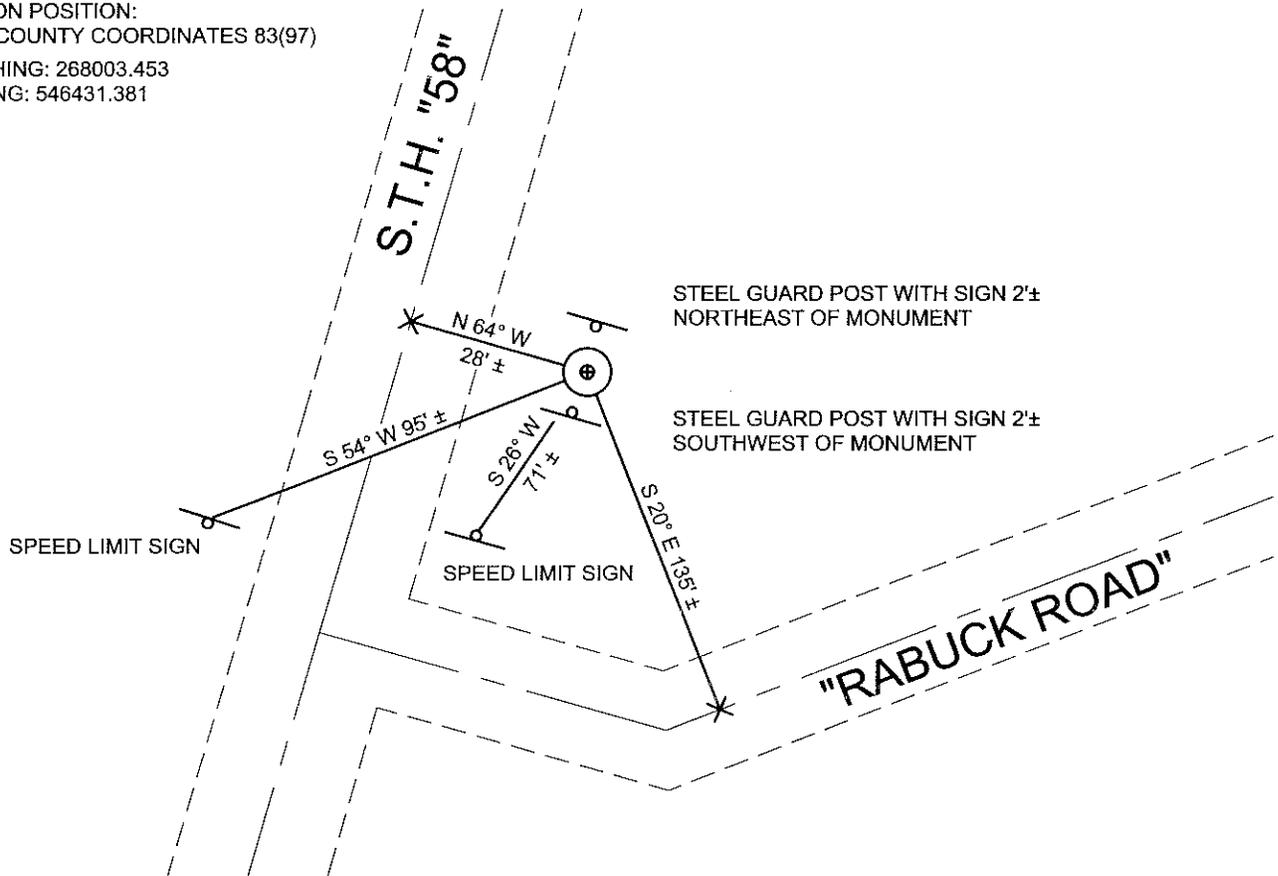


# SAUK COUNTY HIGH ACCURACY REFERENCE NETWORK (HARN) STATION LOCATION RECORD

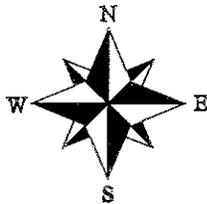
## STATION NAME: SECONDARY 2

TO ARRIVE AT STATION... EAST SIDE STH "58", 200 FEET NORTHEASTERLY OF INT STH "58" AND RABUCK ROAD

STATION POSITION:  
SAUK COUNTY COORDINATES 83(97)  
NORTHING: 268003.453  
EASTING: 546431.381



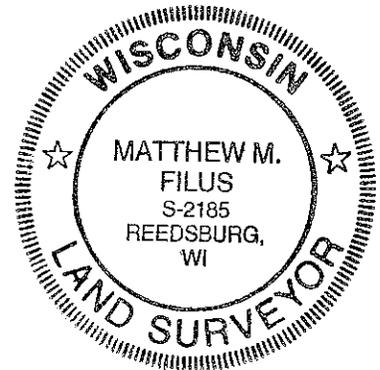
THE SAUK COUNTY HARN MONUMENT SHOWN IS A 0.75" DIAMETER SECTIONAL ALUMINUM ROD DRIVEN TO REFUSAL AT 34.5'. THE ROD IS PLASTIC-SLEEVED NEAR THE GROUND SURFACE, CENTER-PUNCHED AND HOUSED IN AN ALUMINUM COVER AT GRADE.



NOT TO SCALE  
BEARINGS ARE MAGNETIC

STATION ORIGINALLY POSITIONED BY:  
VIERBICHER ASSOCIATES, INC.  
400 VIKING DRIVE  
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DECEMBER 1, 1999

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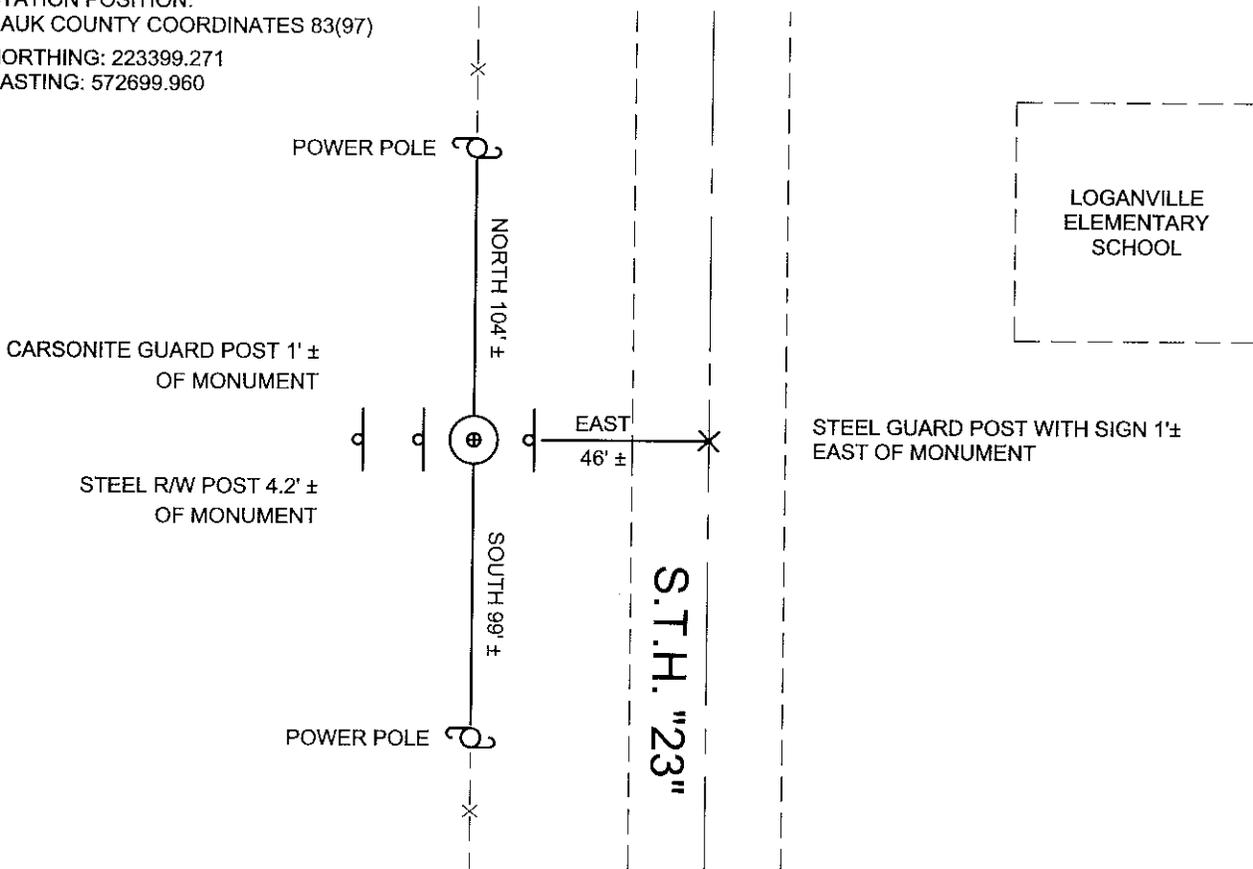


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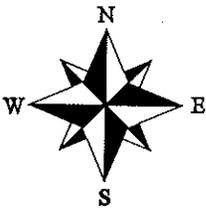
## STATION NAME: SECONDARY 3

TO ARRIVE AT STATION... WEST SIDE STH "23", 930 FEET SOUTH OF INTERSECTION STH "23" AND SPRING VALLEY ROAD  
SOUTH SIDE OF LOGANVILLE

STATION POSITION:  
SAUK COUNTY COORDINATES 83(97)  
NORTHING: 223399.271  
EASTING: 572699.960



THE SAUK COUNTY HARN MONUMENT SHOWN IS A 0.75" DIAMETER SECTIONAL ALUMINUM ROD DRIVEN TO REFUSAL AT 12.0'. THE ROD IS PLASTIC-SLEEVED NEAR THE GROUND SURFACE, CENTER-PUNCHED AND HOUSED IN AN ALUMINUM COVER AT GRADE.



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BEARINGS ARE MAGNETIC

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REEDSBURG, WI 53959  
DECEMBER 1, 1999

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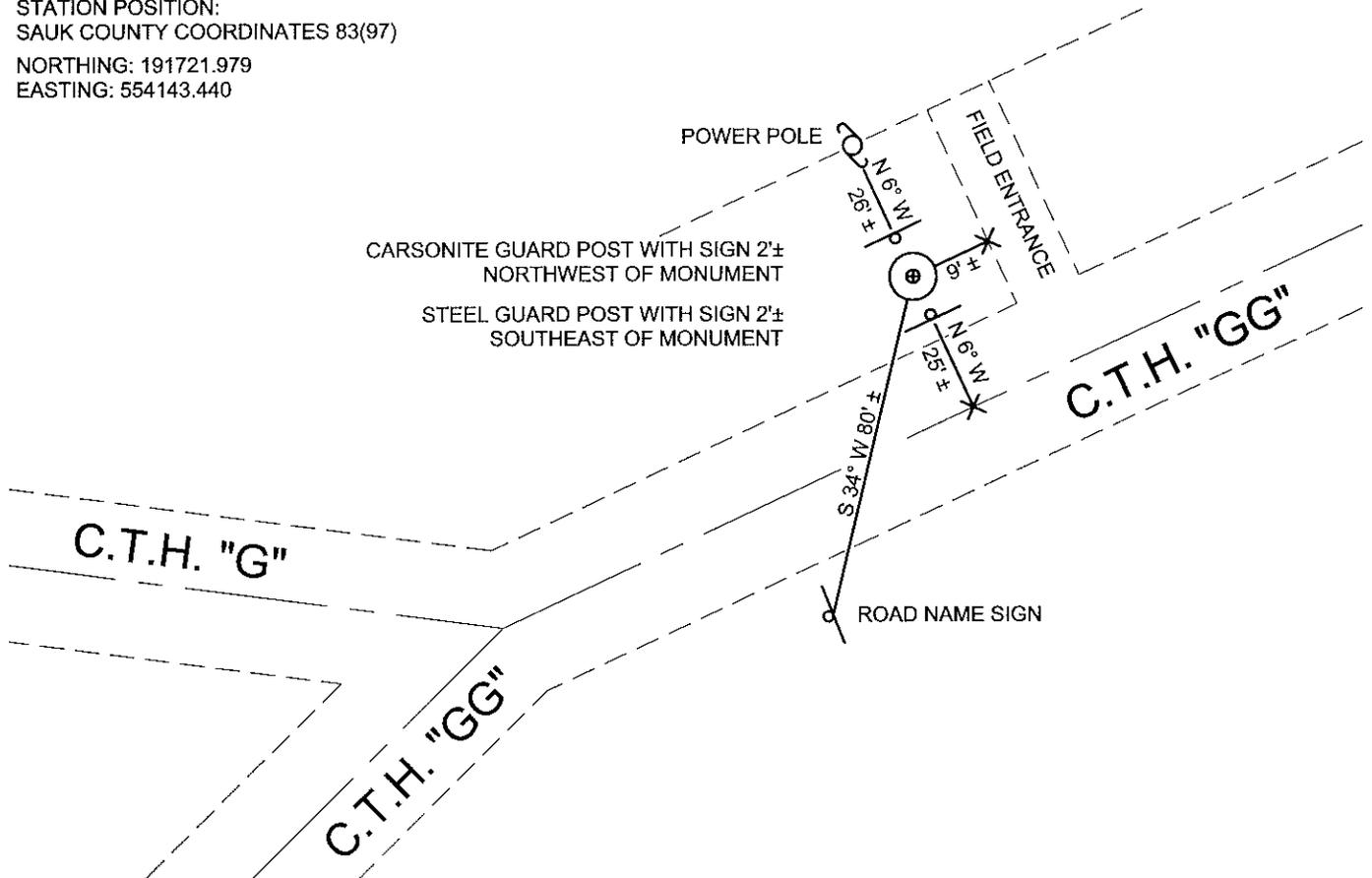


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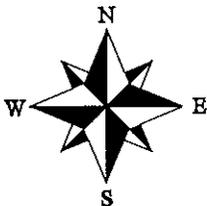
## STATION NAME: SECONDARY 4

TO ARRIVE AT STATION... NORTH SIDE CTH "GG", 200 FEET NORTHEASTERLY FROM INTERSECTION CTH "GG" AND CTH "G"

STATION POSITION:  
SAUK COUNTY COORDINATES 83(97)  
NORTHING: 191721.979  
EASTING: 554143.440



THE SAUK COUNTY HARN MONUMENT SHOWN IS A 0.75" DIAMETER SECTIONAL ALUMINUM ROD DRIVEN TO REFUSAL AT 21.0'. THE ROD IS PLASTIC-SLEEVED NEAR THE GROUND SURFACE, CENTER-PUNCHED AND HOUSED IN AN ALUMINUM COVER AT GRADE.



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BEARINGS ARE MAGNETIC

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VIERBICHER ASSOCIATES, INC.  
400 VIKING DRIVE  
REEDSBURG, WI 53959  
DECEMBER 1, 1999

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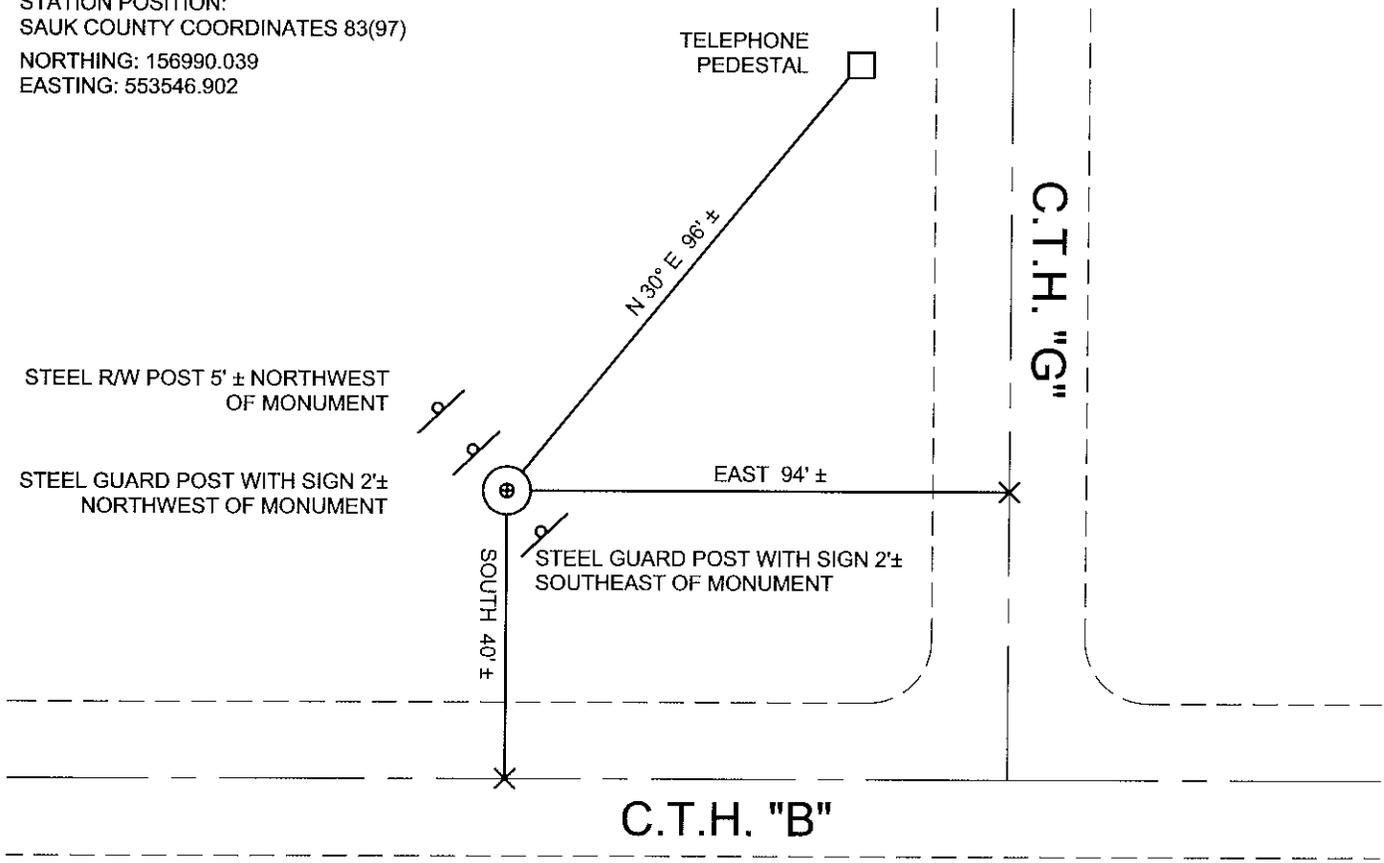


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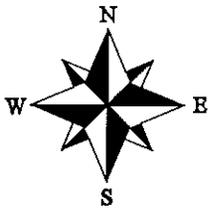
STATION NAME: SECONDARY 5

TO ARRIVE AT STATION... NORTHWEST QUADRANT INTERSECTION CTH "B" AND CTH "G"

STATION POSITION:  
SAUK COUNTY COORDINATES 83(97)  
NORTHING: 156990.039  
EASTING: 553546.902



THE SAUK COUNTY HARN MONUMENT SHOWN IS A 0.75" DIAMETER SECTIONAL ALUMINUM ROD DRIVEN TO REFUSAL AT 30.5'. THE ROD IS PLASTIC-SLEEVED NEAR THE GROUND SURFACE, CENTER-PUNCHED AND HOUSED IN AN ALUMINUM COVER AT GRADE.



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VIERBICHER ASSOCIATES, INC.  
400 VIKING DRIVE  
REEDSBURG, WI 53959  
DECEMBER 1, 1999

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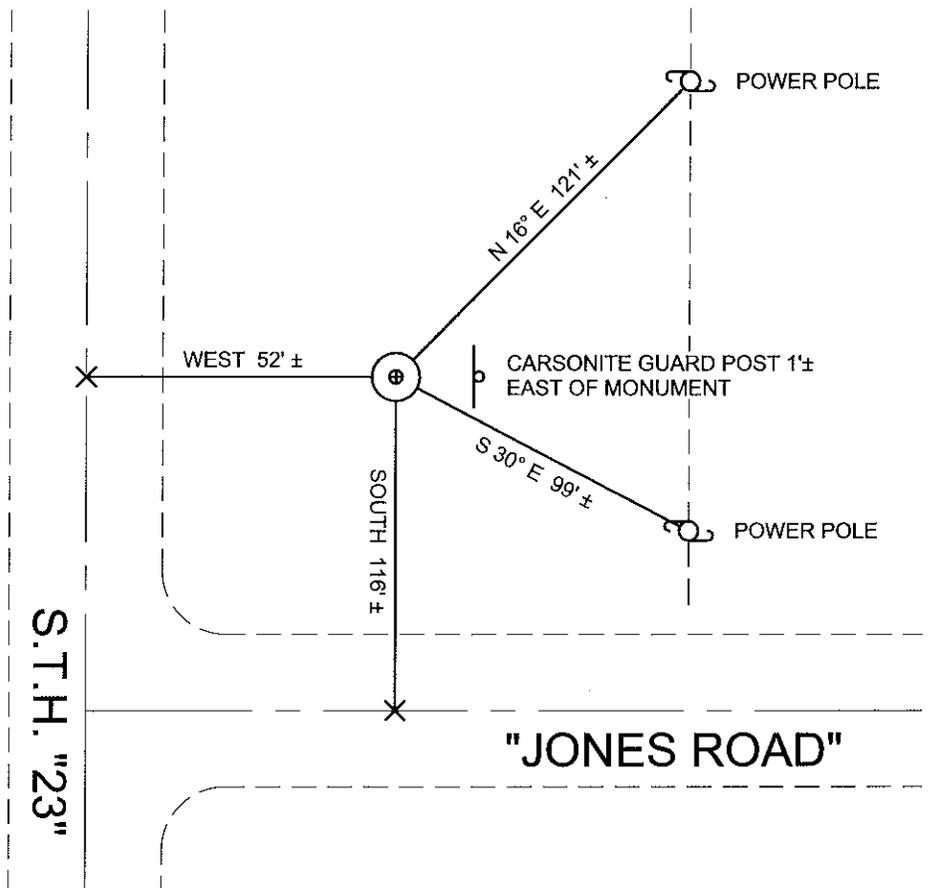


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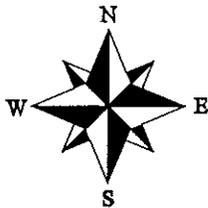
STATION NAME: SECONDARY 6

TO ARRIVE AT STATION... NORTHEAST QUADRANT INTERSECTION OF STH "23" AND JONES ROAD

STATION POSITION:  
SAUK COUNTY COORDINATES 83(97)  
NORTHING: 137777.658  
EASTING: 562629.800



THE SAUK COUNTY HARN MONUMENT SHOWN IS A 0.75" DIAMETER SECTIONAL ALUMINUM ROD DRIVEN TO REFUSAL AT 39.0'. THE ROD IS PLASTIC-SLEEVED NEAR THE GROUND SURFACE, CENTER-PUNCHED AND HOUSED IN AN ALUMINUM COVER AT GRADE.



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BEARINGS ARE MAGNETIC

STATION ORIGINALLY POSITIONED BY:  
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400 VIKING DRIVE  
REEDSBURG, WI 53959  
DECEMBER 1, 1999

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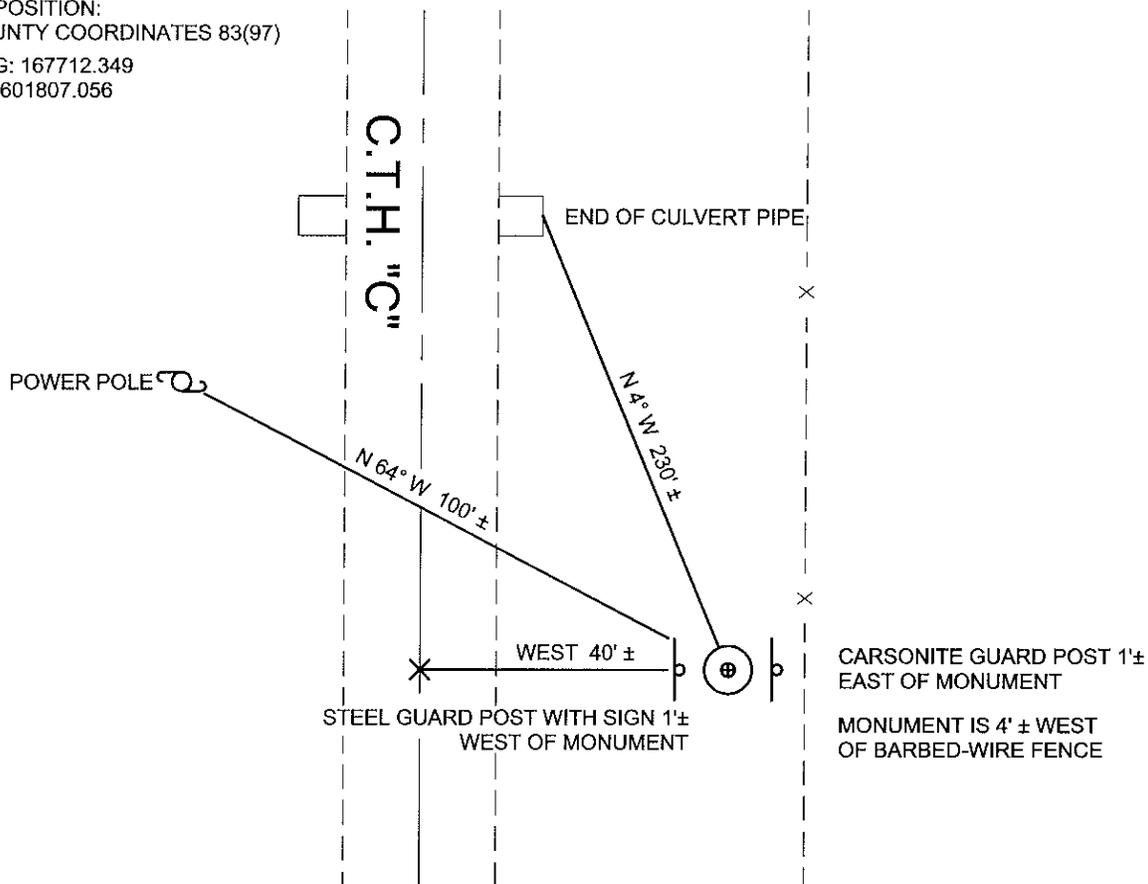


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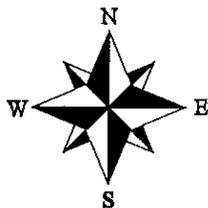
## STATION NAME: SECONDARY 7

TO ARRIVE AT STATION... EAST SIDE CTH "C", 570 FEET NORTH OF INTERSECTION CTH "C" AND CTH "O"

STATION POSITION:  
SAUK COUNTY COORDINATES 83(97)  
NORTHING: 167712.349  
EASTING: 601807.056



THE SAUK COUNTY HARN MONUMENT SHOWN IS A 0.75" DIAMETER SECTIONAL ALUMINUM ROD DRIVEN TO REFUSAL AT 31.0'. THE ROD IS PLASTIC-SLEEVED NEAR THE GROUND SURFACE, CENTER-PUNCHED AND HOUSED IN AN ALUMINUM COVER AT GRADE.



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BEARINGS ARE MAGNETIC

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VIERBICHER ASSOCIATES, INC.  
400 VIKING DRIVE  
REEDSBURG, WI 53959  
DECEMBER 1, 1999

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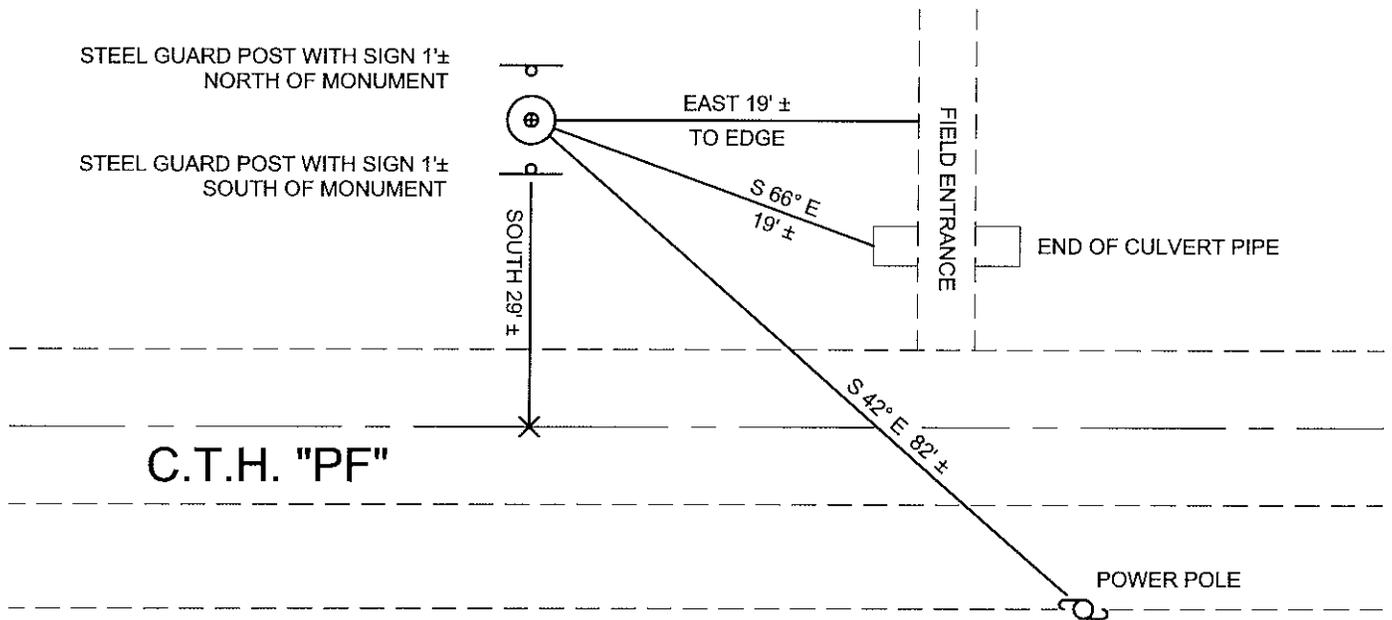


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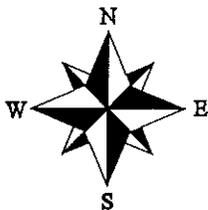
## STATION NAME: SECONDARY 8

TO ARRIVE AT STATION... NORTH SAIDE CTRH "PF", 560 FEET EAST OF CENTER STREET, 2400 FEET WEST OF SWISS VALLEY ROAD

STATION POSITION:  
SAUK COUNTY COORDINATES 83(97)  
NORTHING: 175304.337  
EASTING: 629641.003



THE SAUK COUNTY HARN MONUMENT SHOWN IS A 0.75" DIAMETER SECTIONAL ALUMINUM ROD DRIVEN TO REFUSAL AT 18.0'. THE ROD IS PLASTIC-SLEEVED NEAR THE GROUND SURFACE, CENTER-PUNCHED AND HOUSED IN AN ALUMINUM COVER AT GRADE.



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BEARINGS ARE MAGNETIC

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VIERBICHER ASSOCIATES, INC.  
400 VIKING DRIVE  
REEDSBURG, WI 53959  
DECEMBER 1, 1999

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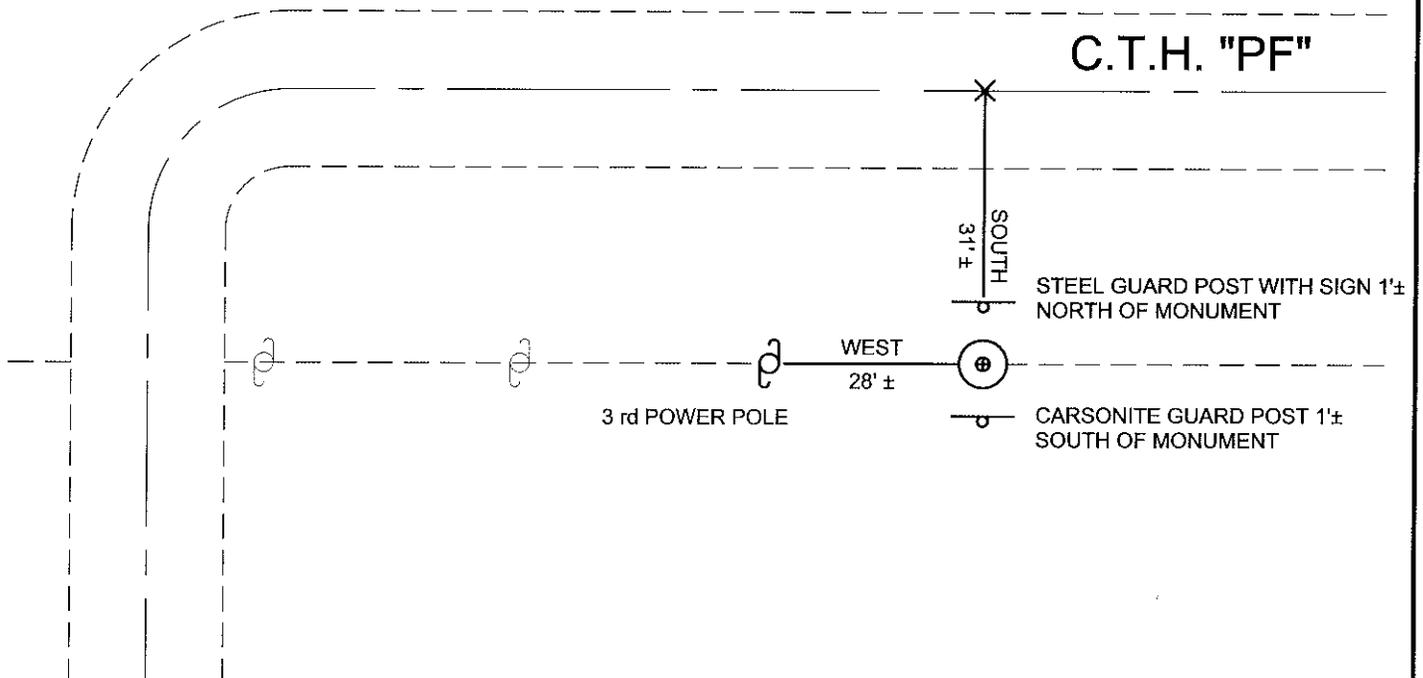


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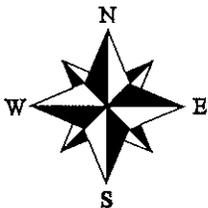
**STATION NAME: SECONDARY 9**

TO ARRIVE AT STATION... SOUTH SIDE CTH "PF", SW1/4 OF THE NE 1/4, SEC. 31, T11N, R5E, 4700 FEET NORTHERLY OF INTERSECTION CTH "PF" AND SCHARA ROAD

STATION POSITION:  
SAUK COUNTY COORDINATES 83(97)  
NORTHING: 208356.010  
EASTING: 597810.851



THE SAUK COUNTY HARN MONUMENT SHOWN IS A 0.75" DIAMETER SECTIONAL ALUMINUM ROD DRIVEN TO REFUSAL AT 4.0'. THE ROD IS PLASTIC-SLEEVED NEAR THE GROUND SURFACE, CENTER-PUNCHED AND HOUSED IN AN ALUMINUM COVER AT GRADE.



NOT TO SCALE  
BEARINGS ARE MAGNETIC

STATION ORIGINALLY POSITIONED BY:  
VIERBICHER ASSOCIATES, INC.  
400 VIKING DRIVE  
REEDSBURG, WI 53959  
DECEMBER 1, 1999

SAUK COUNTY SURVEYOR'S OFFICE  
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PLAN VIEW REVISED MARCH 20, 2002



# SAUK COUNTY HIGH ACCURACY REFERENCE NETWORK (HARN) STATION LOCATION RECORD

**STATION NAME: SECONDARY 10**

STATION OBLITERATED BY S.T.H. "33" ROAD CONSTRUCTION, YEAR 2001

STATION POSITION:  
SAUK COUNTY COORDINATES 83(97)  
NORTHING: 259907.645  
EASTING: 611227.235

S.T.H. "23"

WEST 46' ±

N 60° E  
23' ±

FIELD ROAD

CARSONITE GUARD POST 1'±  
EAST OF MONUMENT

S 20° W  
51' ±

S 10° E  
54' ±

END OF CULVERT PIPE

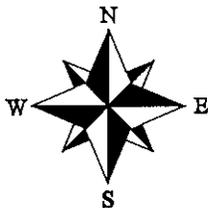
TEL PED

S.T.H. "23/33"

S.T.H. "33"

EVERGREEN  
LANE

THE SAUK COUNTY HARN MONUMENT SHOWN IS A 0.75" DIAMETER SECTIONAL ALUMINUM ROD DRIVEN TO REFUSAL AT 7.0'. THE ROD IS PLASTIC-SLEEVED NEAR THE GROUND SURFACE, CENTER-PUNCHED AND HOUSED IN AN ALUMINUM COVER AT GRADE.



NOT TO SCALE  
BEARINGS ARE MAGNETIC

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VIERBICHER ASSOCIATES, INC.  
400 VIKING DRIVE  
REEDSBURG, WI 53959  
DECEMBER 1, 1999

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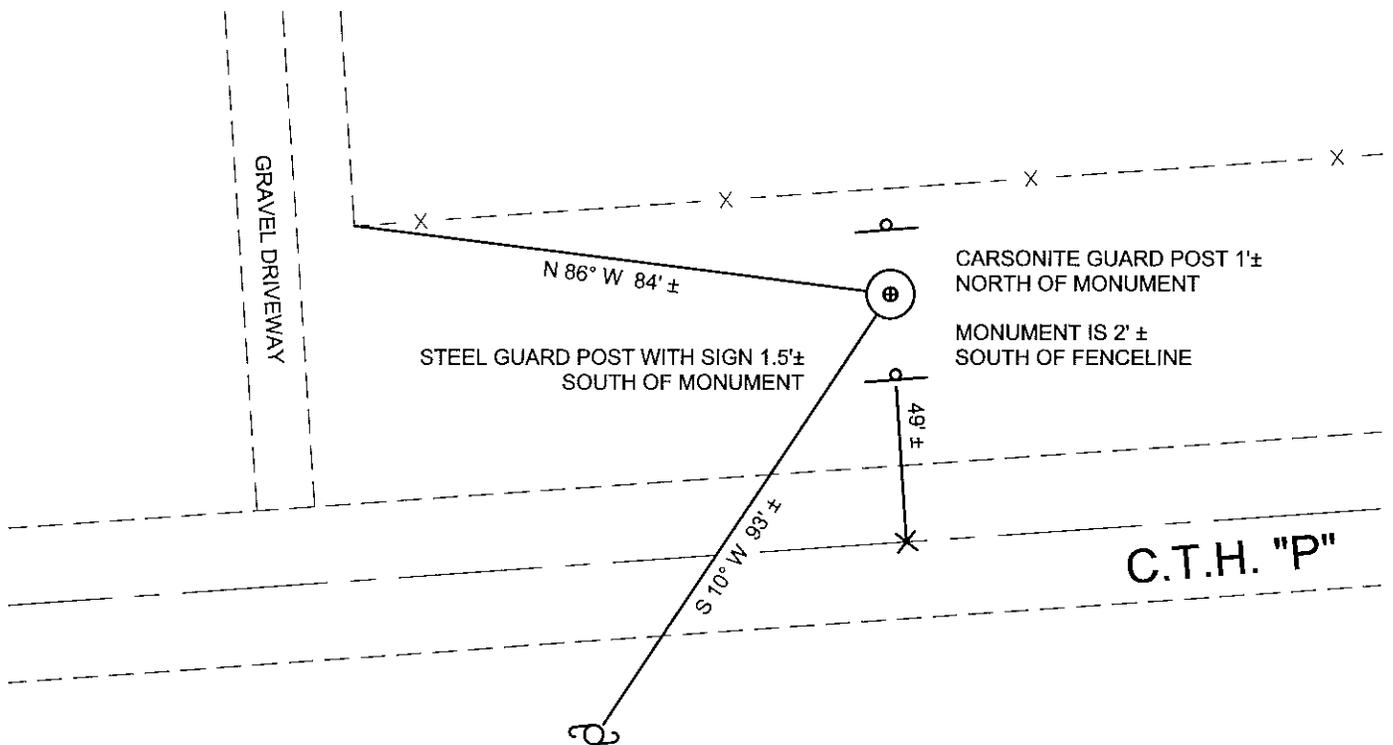


# SAUK COUNTY HIGH ACCURACY REFERENCE NETWORK (HARN) STATION LOCATION RECORD

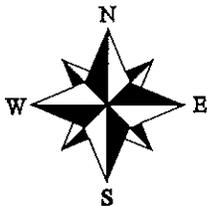
**STATION NAME: SECONDARY 11**

TO ARRIVE AT STATION... NORTH SIDE CTH "P", 980 FEET WEST OF INTERSECTION CTH "P" AND LYNDON ROAD

STATION POSITION:  
SAUK COUNTY COORDINATES 83(97)  
NORTHING: 281196.899  
EASTING: 621991.490



THE SAUK COUNTY HARN MONUMENT SHOWN IS A 0.75" DIAMETER SECTIONAL ALUMINUM ROD DRIVEN TO REFUSAL AT 7.0'. THE ROD IS PLASTIC-SLEEVED NEAR THE GROUND SURFACE, CENTER-PUNCHED AND HOUSED IN AN ALUMINUM COVER AT GRADE.



NOT TO SCALE  
BEARINGS ARE MAGNETIC

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REEDSBURG, WI 53959  
DECEMBER 1, 1999

SAUK COUNTY SURVEYOR'S OFFICE  
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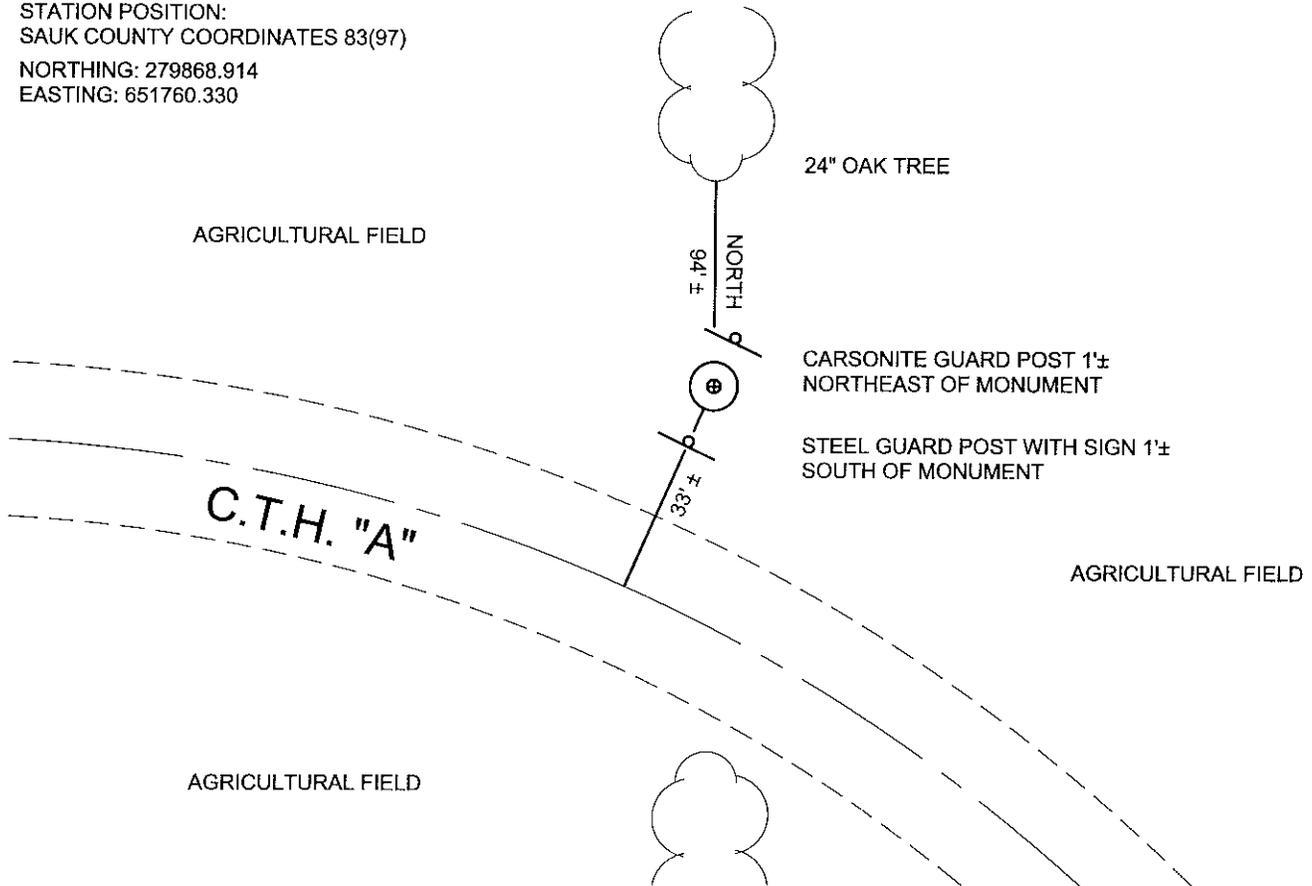


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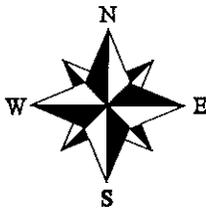
STATION NAME: SECONDARY 12

TO ARRIVE AT STATION... NORTHERLY SIDE CTH "A", 1320 FEET SOUTHEASTERLY FROM INTERSECTION CTH "A" AND RINGLING ROAD

STATION POSITION:  
SAUK COUNTY COORDINATES 83(97)  
NORTHING: 279868.914  
EASTING: 651760.330



THE SAUK COUNTY HARN MONUMENT SHOWN IS A 0.75" DIAMETER SECTIONAL ALUMINUM ROD DRIVEN TO REFUSAL AT 32.0'. THE ROD IS PLASTIC-SLEEVED NEAR THE GROUND SURFACE, CENTER-PUNCHED AND HOUSED IN AN ALUMINUM COVER AT GRADE.



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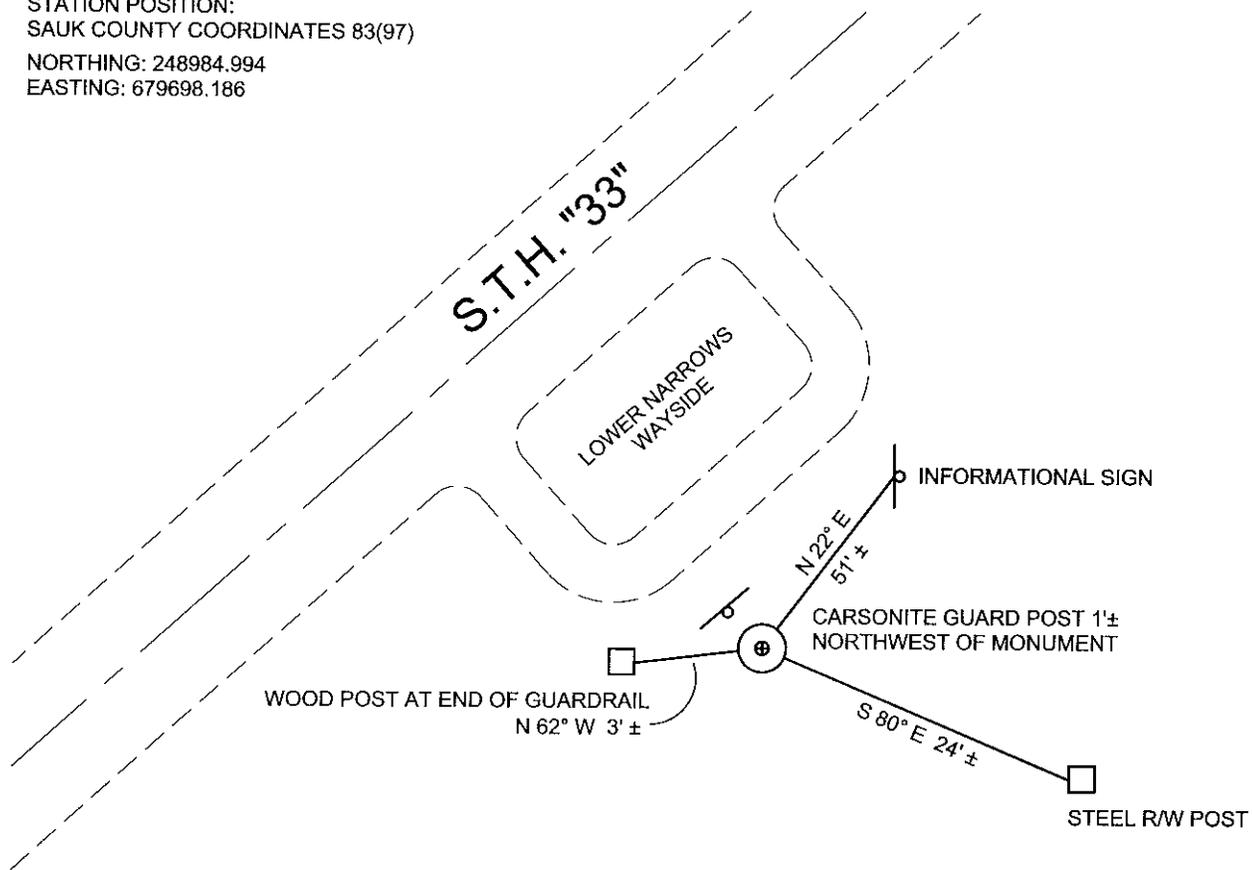


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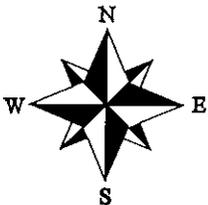
STATION NAME: SECONDARY 13

TO ARRIVE AT STATION... SOUTH SIDE STH "33" AT SOUTH END OF BARABOO NARROWS MONUMENT, 450 FEET  
SOUTHWESTERLY FROM INTERSECTION STH "33" AND CTH "U"

STATION POSITION:  
SAUK COUNTY COORDINATES 83(97)  
NORTHING: 248984.994  
EASTING: 679698.186



THE SAUK COUNTY HARN MONUMENT SHOWN IS A 0.75" DIAMETER SECTIONAL ALUMINUM ROD DRIVEN TO REFUSAL AT 37.0'.  
THE ROD IS PLASTIC-SLEEVED NEAR THE GROUND SURFACE, CENTER-PUNCHED AND HOUSED IN AN ALUMINUM COVER AT GRADE.



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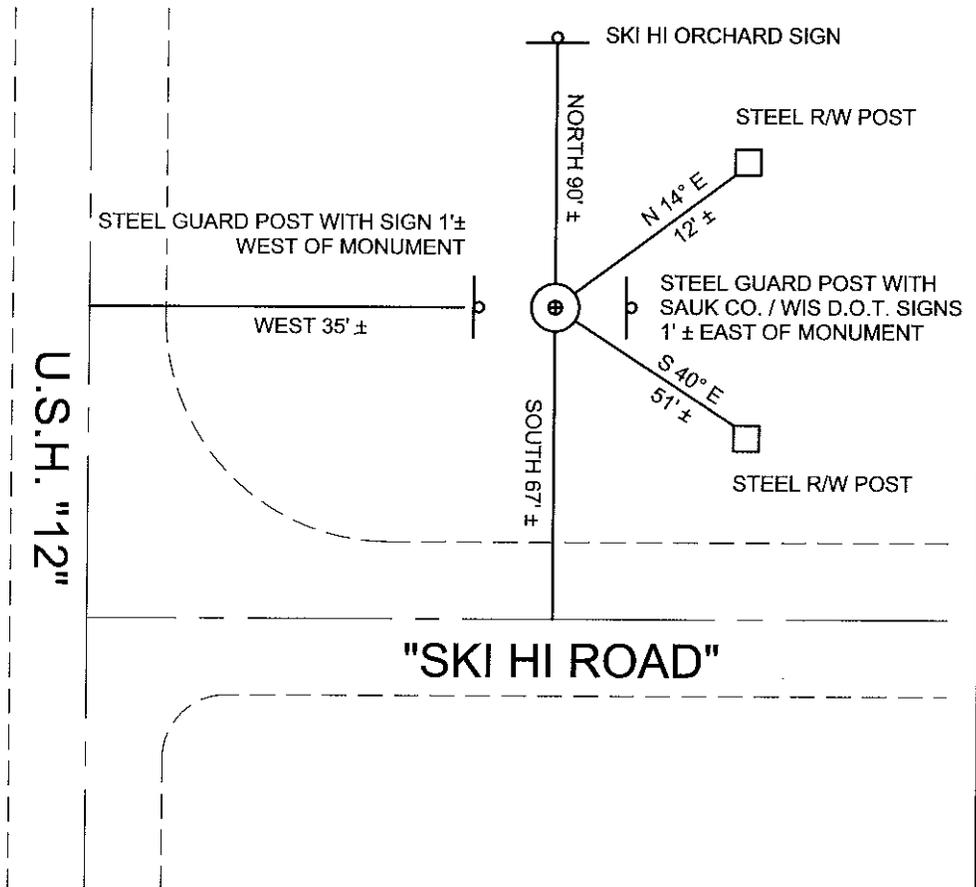


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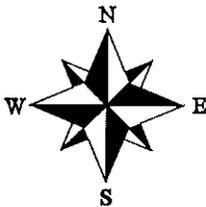
**STATION NAME: SECONDARY 14**

TO ARRIVE AT STATION... EAST SIDE USH "12", NORTHEAST QUADRANT INTERSECTION USH "12" AND SKI HI ROAD

STATION POSITION:  
SAUK COUNTY COORDINATES 83(97)  
NORTHING: 219045.665  
EASTING: 642695.863



THE SAUK COUNTY HARN MONUMENT SHOWN IS A 0.75" DIAMETER SECTIONAL ALUMINUM ROD DRIVEN TO REFUSAL AT 10.5'. THE ROD IS PLASTIC-SLEEVED NEAR THE GROUND SURFACE, CENTER-PUNCHED AND HOUSED IN AN ALUMINUM COVER AT GRADE.



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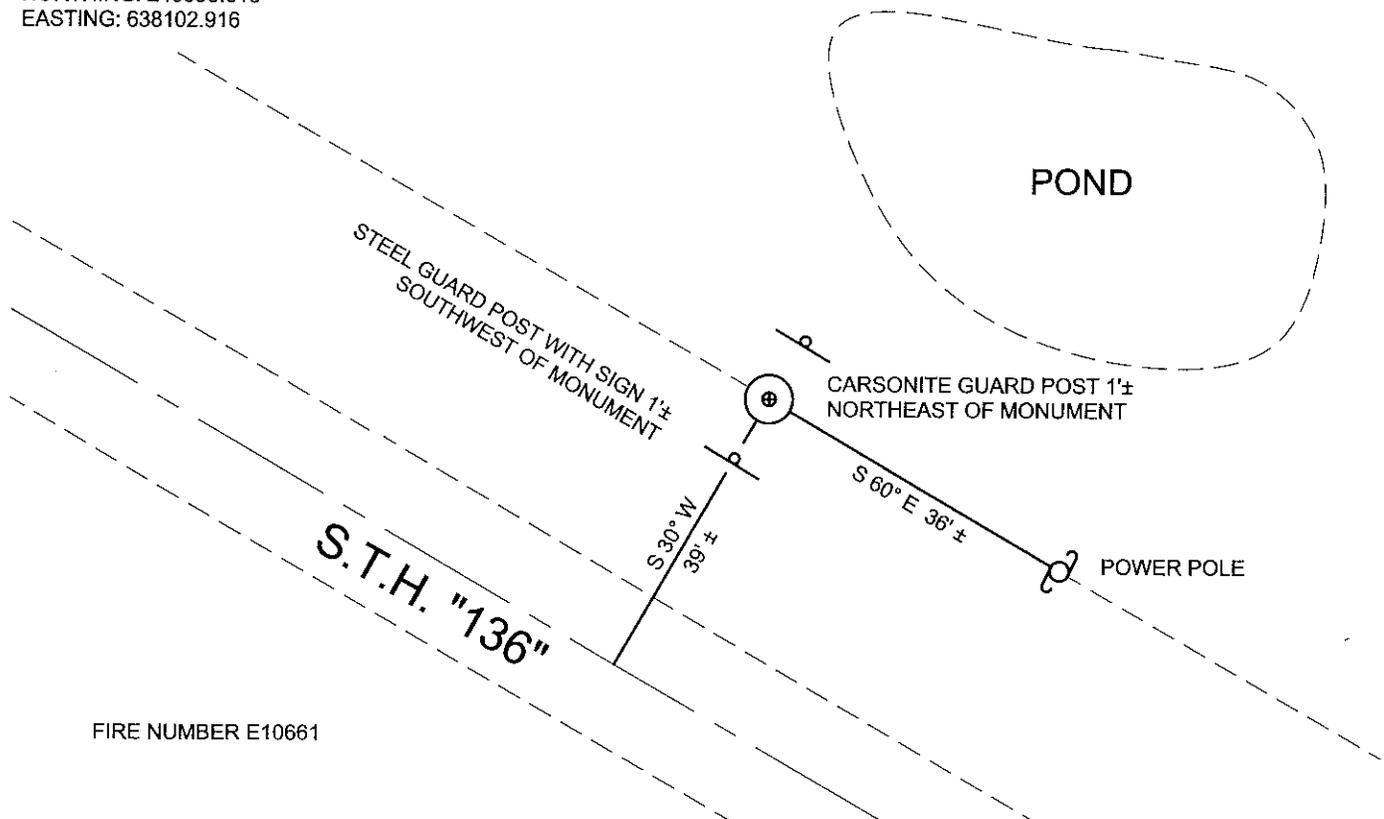


# SAUK COUNTY HIGH ACCURACY REFERENCE NETWORK (HARN) STATION LOCATION RECORD

STATION NAME: SECONDARY 15

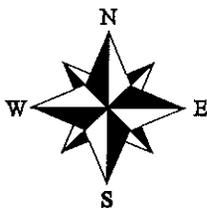
TO ARRIVE AT STATION... WEST OF WEST BARABOO, NORTH SIDE OF STH "136", 3600 FEET EASTERLY FROM INTERSECTION  
STH "136" AND RAVEN ACRES DRIVE

STATION POSITION:  
SAUK COUNTY COORDINATES 83(97)  
NORTHING: 240096.615  
EASTING: 638102.916



FIRE NUMBER E10661

THE SAUK COUNTY HARN MONUMENT SHOWN IS A 0.75" DIAMETER SECTIONAL ALUMINUM ROD DRIVEN TO REFUSAL AT 15.0'. THE ROD IS PLASTIC-SLEEVED NEAR THE GROUND SURFACE, CENTER-PUNCHED AND HOUSED IN AN ALUMINUM COVER AT GRADE.



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