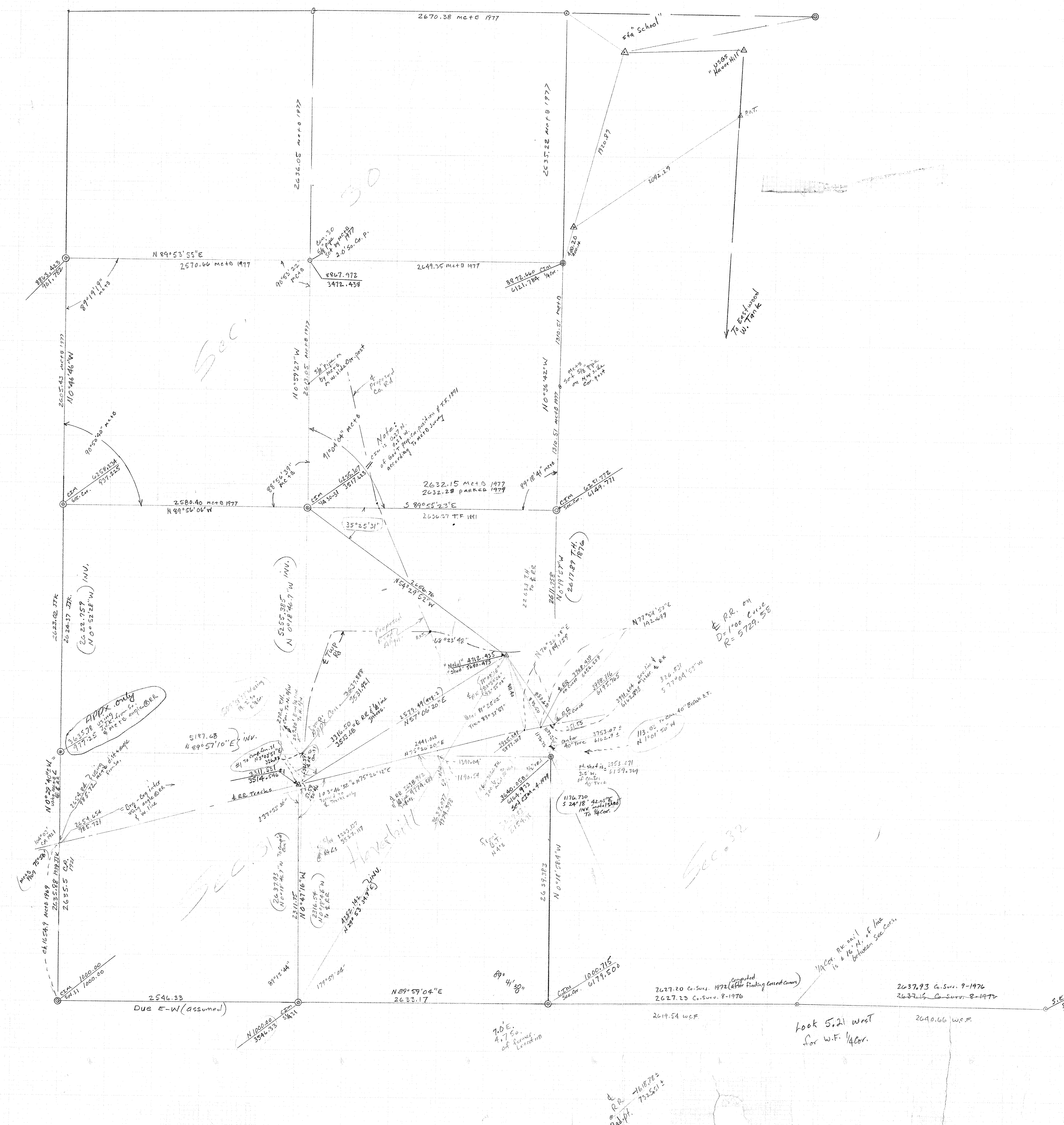

2670.38 Mc+B 1977
sta "School"
"USGS Haver Hill"
P.O.T.
1920.89
2092.29
To Eastwood W. Tank
2636.05 Mc+B 1977
2635.22 Mc+B 1977
30
Cen. 30 5/8" pipe set by Mc+B 1977 2.0' So. Co. P.
8863.423
901.782
N 89°53'55"E
2570.66 Mc+B 1977
89°19'19" Mc+B
90°53'22" Mc+B
8867.972
3472.438
2649.35 Mc+B 1977
8872.660 CIM
6121.784 1/4 Cor.
400.20
400.14
1310.51 Mc+B
2605.43 Mc+B 1977
N 0°46'46"W
Sec.
N 0°59'27"W
2613.05 Mc+B 1977
5/8" Pipe on by Mc+B on W. side Cor. post
℄ Proposed Co. Rd
N 0°36'42"W
1310.51 Mc+B 1977
Mc+B Set 5/8" Pipe on N.W. side Cor. post
90°50'40" Mc+B
91°04'04" Mc+B
Note: CIM is 0.27 N. 0.21 W. of Gov't prop. cor. position & T.F. 1891 according To Mc+B Survey
CIM Sec. Cor.
6258.234
937.225
88°56'39" Mc+B
CIM 1/4 30-31
6255.307
3517.623
2632.15 Mc+B 1977
2632.28 PARKER 1979
89°18'41" Mc+B
CIM Sec. Cor.
6251.772
6149.771
2580.40 Mc+B 1977
N 89°56'06"W
S 89°55'23"E
2636.37 T.F. 1891
35°25'31"
2623.02 JJK
2624.37 JJK.
(2622.759 N 0°52'28"W) INV.
(5255.385 N 0°18'46.7"W) INV.
N 54°29'52"W
2656.76
2263.8 T.H. To ℄ RR
2611.758
N 0°19'57"W
(2617.89 T.H. 1876)
N 77°54'52"E
142.699
℄ R.R. on D=1°00 Curve R= 5729.58
Proposed Road Align.
P.O.T.
68°23'48"
℄ TWP Rd
"Metal" 4712.435
"Shed" 5680.473
N 76°26'08"E
184.159
℄ RR 3968.439 on Curve 6056.229
3998.316
6195.765
3991.604 Sec. line & ℄ RR inter.
6162.893
326.831
S 77°04'53"W
APPX. only
3635.78 using JJK. from So. & Mc+B angle @ RR
977.25
5187.68
N 89°57'10"E } INV.
#1 To Comp. Cen. 31
N 3°02'51"E
326.82
3311.531
3514.546 #1
270.6 T.H. Cen. To N. R/W
269.80 E-W 1/4 line To N. R/W
Comp. Appx. Cen.
3637.888
3531.921
3316.50 = ℄ RR & 1/4 line Inters.
3533.68
2579.49 (avg. 2)
N 57°06'20"E
2441.068
N 75°26'20"E
103°46'32" = N 75°26'12"E
Turned to ℄ Tracks only
51.59
50' R/W
℄ RR Tracks
237°53'36"
℄ RR
71°08'15"
1/4 Cor. = 81°25'02"
Tree = 83°37'57"
℄ RR 3638.912
& 1/4 line 4774.889
Inters.
1390.04'
1190.54
3925.241
5877.207
351.55
center 40" Tree
3753.07 ±
6162.9 ±
113.03 To Cen. 40" Br Oak B.T.
N 1°01'50"W
3640.058 = 1/2" rod
6164.933
Set CIM 4-1979
pt. shot is = 3753.071
6159.369
3.5' W. of Center 40" Tree
1176.730
S 24°18'42.05"E
INV. "metal shed" To 1/4 Cor.
N 0°29'40"±W = using Mc+B ∠ @ ℄ RR
2654.84
985.72 } using Mc+B dist + angle from So.
2654.654
985.721 = Brg.-Brg. inter using angle @ RR & W. line
104°03' C.P. 1921
(Mc+B 1969 75°56')
ch. 1654.9 Mc+B 1969
2635.88 1939 JJK
2635.5 C.P. 1921
Sec. 31
Haverhill
(2637.93 N 0°18'46.7"W To Comp'd Cen.)
2311.75
N 0°47'16"W
(2316.54 N 0°18'46"W To ℄ RR)
4282.142
N 29°53'34.9"E } INV.
2639.383
N 0°18'58.4"W
Sec. 32
CIM SW. 31
1000.00
1000.00
2546.33
Due E-W (assumed)
89°12'44"
179°59'04"
CIM S 1/4 31
N 1000.00
3546.33
N 89°59'04"E
2633.17
89° 41' 58"
CIM Sec. Cor.
1000.715
6179.500
7.0' E. 4.7 So. of former Location
2627.20 Co. Surv. 1972 (Computed after finding Correct Corners)
2627.23 Co. Surv. 8-1976
2619.54 W.C.F.
1/4 Cor. RR nail is ± 16' N. of line between Sec. Cors.
Look 5.21 West for W.F. 1/4 Cor.
2637.93 Co. Surv. 9-1976
~~2637.15 Co. Surv. 8-1976~~
2640.66 W.C.F.
S.E. 32 fd stone 5-1974
℄ RR Rad. pt. 4618.78 ±
732.851 ±

See Also Drwg #4-42 ?
for Olm. proj. Co-ord. Values

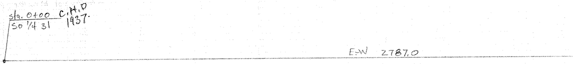
4-33

Sec. 30 - 31
Haverhill Twp

Co. Surv. Dec. 1978

Drwg 4-33

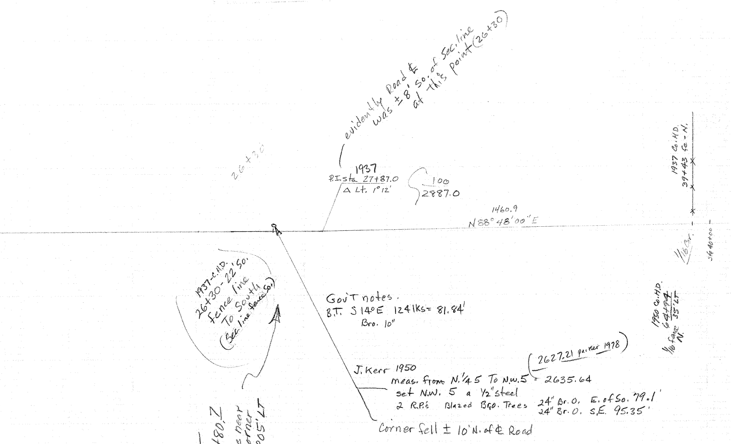
found stones 1974
2.2' north & 2.2' West of former Cor. location


sta. 0+00
C.H.D
1937.
SO 1/4 31
E-W 2787.0

1950 = 0+00
Could be Twp
Corner.

Co. Hwy D. 1950 { 25+50.4
Same point

Δ = 0°02' Rt
from West


26+30
1937
P.I.sta 27+87.0
Δ Lt. 1°12'
100
2887.0
1460.9
N88°48'00"E
1937 Co.H.D.
39+43 Fe.-N.
1/16 Cr.
Sta 40+00
1950 Co.H.D.
~~64+74~~
35' LT
1/16 fence
N.

evidently Road ℄ was ±8' So. of Sec. line at this point (26+30)

1937-C.H.D.
26+30 - 22' So.
fence line
To South
(Sec. line fence So.)

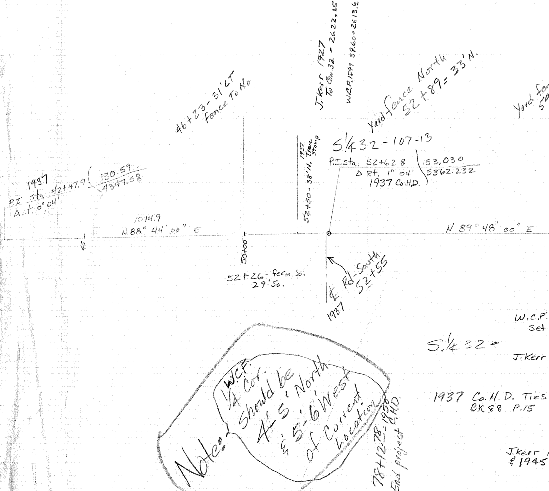
Gov'T notes.
B.T. S14°E 124 lks = 81.84'
Bro. 10"

J. Kerr 1950
meas. from N.1/4 5 To N.W. 5 = 2635.64 (2627.21 parker 1978)
set N.W. 5 a 1/2" steel
2 R.P.'s Blazed Bro. Trees 24" Br.O. E. of So. 79.1'
24" Br.O. S.E. 95.35'

Corner fell ± 10' N. of ℄ Road

1950 CHD 51+80.7
Could be near Sec. Corner
Δ = 1°05' LT

Drwg 4-33


J. Kerr 1927
To Cor. 32 = 2622.25
W.C.F. 1899 39.60 = 2613.6
Yard fence North
52+89 = 33' N.
Yard fen
5
46+23 - 31' LT
Fence To No
1937
52+30 - 38' N. Tree Stump
S¼ 32 - 107 - 13
P.I. Sta. 52+62.8
Δ Rt. 1° 04'
1937 Co.H.D.
153,030
5362.232
1937
P.I. sta. 42+47.9
Δ Lt. 0° 04'
130.59
4347.58
1014.9
N 88° 44' 00" E
45
50+00
N 89° 48' 00" E
52+26 - fe Cor. So.
29' So.
℄ Rd - South
52+55
1937
W.C.F.
Set
S.¼ 32 -
J. Kerr
1937 Co. H. D. Ties
BK 88 P. 15
J. Kerr
& 1945
Note:
W.C.F. ¼ Cor. Should be 4'-5" North & 5'-6" West of Current Location
78+12.78 - 1950
End project C.H.D.

ce North
+27 - 36'N.

55+40 - 36'N.
Yard fence To N.

1937 CoHD = 2657.5 = ? appears Too long ± 15'

163.3 ±
8016.7 ± Stone

J. Kerr 2640.29 = 1950
WCF 2640.66

- 1899 - stone = ¼ Cor. ¼ Cor. lies 49 lks. So. of line of Trees
On N. Side Road & 12 lks E. of
West line of Barn To North

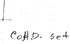
1927 - nail in Blaze in 15" Br. oak Tree - S.W. 58.4
mark in So. Hdwll Culv. - S.E. - 56'
This Could be Correct Corner

: 18" maple N.E. 66.6 ✓
P.P. - N.W. 41.2'
Tel. pole - S.W. 47.3'
P.P. - S.S.W. - 64.7'
= also 1937 Bk88 p.2
Tel. Brace pole NW. 44.2
Spk in 24" oak S.W. = 78.9

1940 - fd ½" pipe as ¼ Cor.
R.P.'s '+' on N. end Culv. - N.E. 44.0
" " S. end " S.E. 52.0
Cen of Punch Mark Iron Cor. post - SW. 45.5'
= This is No doubt CoHD. 1937 Corner

1974 moved Corner
3'west & 1' north of this
Location
162.306
8019.715

sta 79+20.3
S.E. Cor 32



CoH.D. set Iron rod in 1937?

Scale 1"=200'