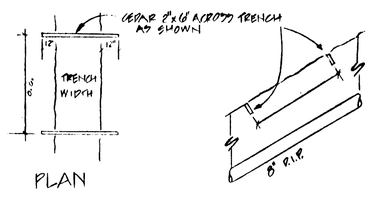
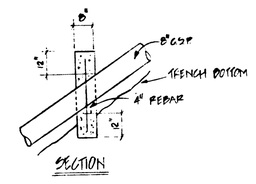
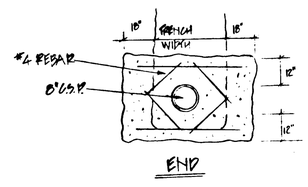
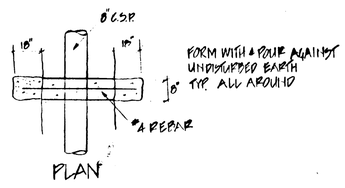
NOTES:

1. ALL CONSTRUCTION SHALL CONFORM TO THE STANDARDS & SPECIFICATIONS OF THE CITY OF WEST LINN, OREGON.
2. ALL SANITARY SEWER PIPE SHALL BE C-14-X BELL & SPIGOT W/ RUBBER GASKETS OR DUCTILE IRON PIPE, CL 50 TYTON JOINT.
3. ALL SANITARY HOUSE LATERALS SHALL BE MARKED BY PLACING A 2"x 4" AT THE PLUG AND BRINGING THE 2"x 4" UP A MINIMUM OF TWO FEET ABOVE GRADE.
4. WATER LINE PIPE SHALL BE DUCTILE IRON PIPE CLASS 52, TYTON JOINT.
5. WATER SERVICES SHALL BE 1" COPPER WITH COMPRESSION FITTINGS AND 'Y' BRANCH, AND SHALL INCLUDE METER BOXES INSTALLED PARALLEL TO CURB AND ALL NECESSARY APPURTENANCES.

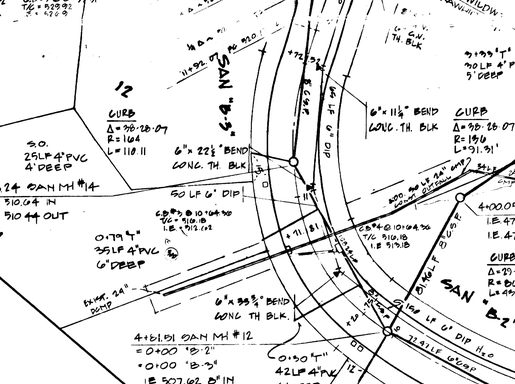








ANCHOR BLOCK DETAIL
NO SCALE



REV 9-17-79 DET

NOTES:

1. ALL CONSTRUCTION SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF THE CITY OF WEST LINN, OREGON.
2. ALL STORM SEWER PIPE SHALL BE C-14-X CLASS 2 T&G OR CORRUGATED METAL PIPE 16 GAUGE W/BITUMINOUS COATING.
3. BENCH MARK: ELEV = 305.67 PK NAIL IN 24" CEDAR IN LOT 25, ROBINWOOD ESTATES NO. 2

SPECIAL NOTE:
THE FIELD DESIGN SHALL BE CONSIDERED AS DEPENDENT UPON THE "ORIGINAL" DESIGN FOR INFORMATION CONCERNING GENERAL CONSTRUCTION DETAIL, SUCH AS CUTOFF WALLS, STREET SECTIONS AND STANDARDS

NOTE: EXTEND WATER LINE BEHIND CURB 330 LF ± 6" DIP TO EXISTING 6" PLUG DEFLECT AS REQ'D

ROBINWOOD ESTATES NO. 3

FIELD DESIGN

2/80 WES003

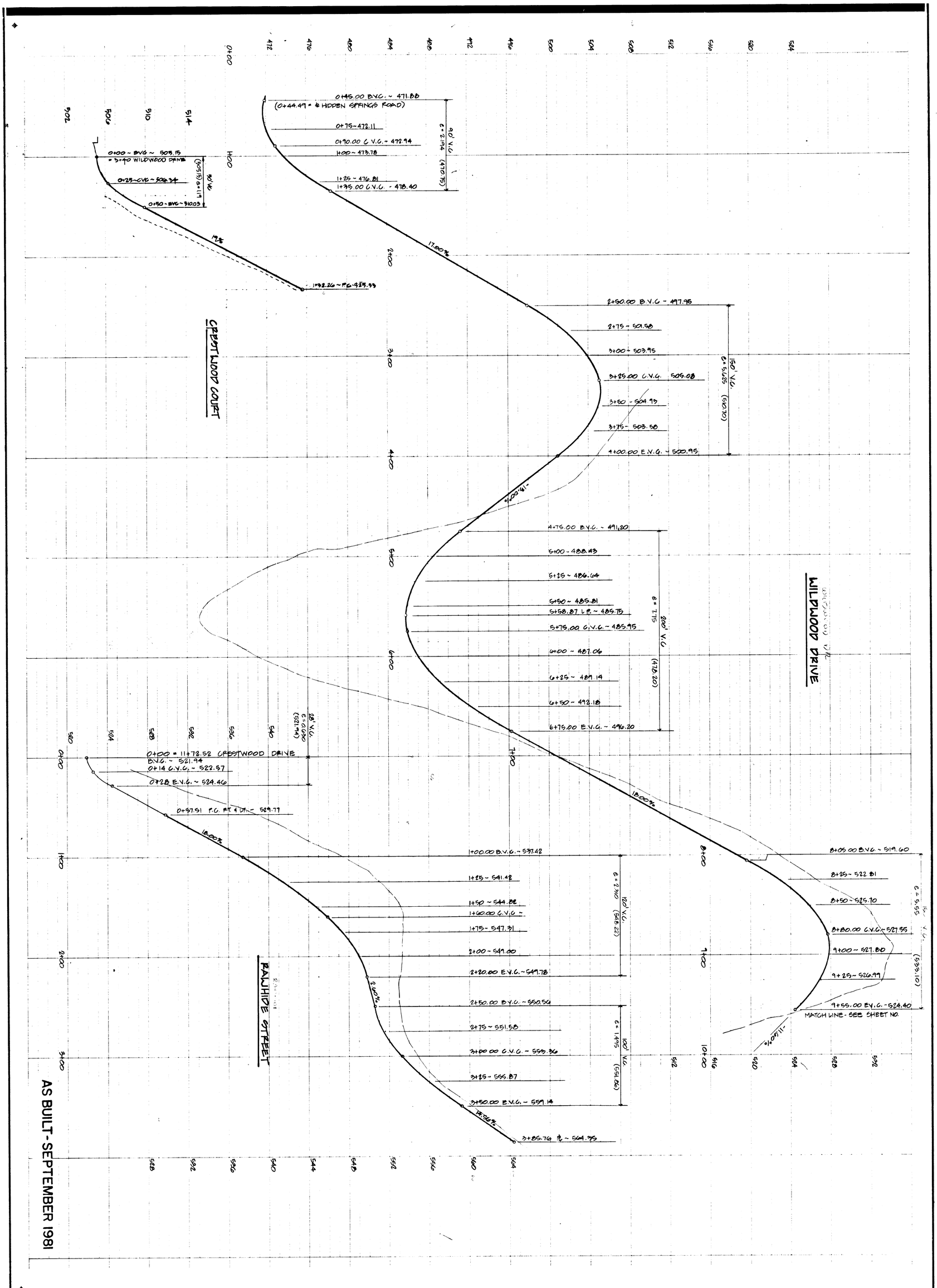
CITY APPROVAL 3-6-80 DET

SHEET 1 OF SIX

REV. 3-18-82 'AS BUILT'

TAPE "L" FILE 59

WES002 - OCT 79



2 OF SIX SHEETS

SCALE HORIZ: 1" = 40'; VERT: 1" = 4' DESIGN DHG

DATE SEPT. 1981 DRAWN RH

FILE WBS 002 CHECKED DHG

REV. 3.18.82 AS BUILTS

REVISIONS

DEN

DAVID EVANS AND ASSOCIATES, INC.

200 S.W. MARKET ST. · PORTLAND, OR. · 97201 · 503/223-6663

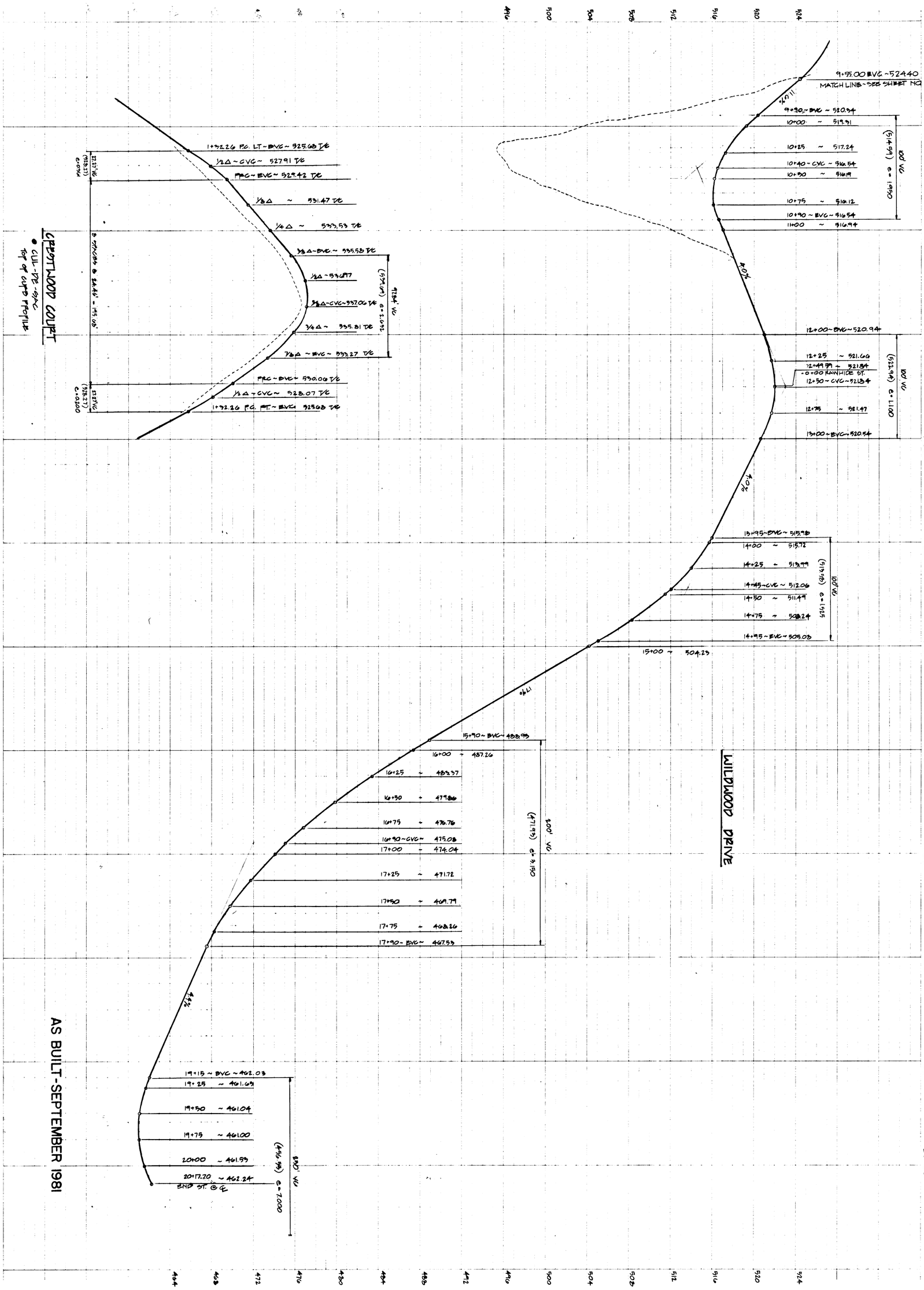
STEVED PROFESSIONAL ENGINEER 5277 FRANK EVANS

ROBINWOOD ESTATES NO. 3

WEST LINN OREGON

WESCO HOMES

4344 S. CEDAROAK, WEST LINN, OREGON 97068



3 OF SIX SHEETS

SCALE 1" = 4' VERT / 1" = 40' HORIZ. DESIGN DHG

DATE SEPT. 1981 DRAWN PBH

FILE WB0002 CHECKED DHG

REV. 3.18.82 AS BUILTS

REVISIONS

DAVID EVANS and ASSOCIATES, inc.
200 S.W. MARKET ST. · PORTLAND, OR. · 97201 · 503/223-6663

REGISTERED PROFESSIONAL ENGINEER 6527 DAVID FRANK EVANS

ROBINWOOD ESTATES NO. 3

WEST LINN OREGON

WESCO HOMES
4344 S. CEDAROAK, WEST LINN, OREGON 97068

SANITARY SEWER "A"

EXISTING GROUND

175 L.F. 8" P.V.C. S=0.31

4 ANCHOR WALLS 39'0.C. @ TO @ MIN

MATCH LINE 2+40

1+30 SAN. MH #1
= 0+00 LINE "A-1"
= 0+00 LINE "A-2"
I.E. 387.08 IN (3 LINES)
I.E. 386.88 OUT

130 L.F. 8" P.V.C. S=0.38

5 ANCHOR WALLS 25'0.C. @ TO @ MIN

0+00 EXISTING MH
I.E. 337.48 IN 8" Ø

SANITARY SEWER "A"

3+95 SAN MH #3
= 0+00 LINE "A-3"
I.E. 479.03 IN (2 LINES)
I.E. 474.83 OUT (1 LINE)

3+01 CLEAN OUT #1
I.E. 490.93

100 L.F. 8" P.V.C. S=0.19

3 ANCHOR WALLS 25'0.C. @ TO @ MIN

EXISTING GROUND

90 L.F. 8" P.V.C. S=0.37

3 ANCHOR WALLS 25'0.C. @ TO @ MIN

3+09 SAN. M.H #2
I.E. 441.33 IN
I.E. 441.33 OUT

MATCH LINE 2+40

SANITARY SEWER "A-1"

2+34 SAN. MH #6
I.E. 459.58 IN
I.E. 459.38 OUT

2+34 CLEAN OUT #6
I.E. 464.98 OUT

100 L.F. 8" C.M.P. S=0.04

3 ANCHOR WALLS 25'0.C. @ TO @ MIN

1+49 SAN. MH #5
I.E. 444.03 IN
I.E. 443.83 OUT

85 L.F. 8" P.V.C. S=0.44

3 ANCHOR WALLS 25'0.C. @ TO @ MIN.

EXISTING GROUND

64 L.F. 8" P.V.C. S=0.30

1 ANCHOR WALL 39'0.C. @ TO @ MIN

0+04 SAN MH #4
I.E. 406.48 IN
I.E. 406.28 OUT

0+00 SAN MH #1
= 0+00 LINE "A-2"
= 1+30 LINE "A"
I.E. 387.08 IN (3 LINES)
I.E. 386.88 OUT (1 LINE)

SANITARY SEWER "A-2"

1+25 CLEAN OUT #3
I.E. 440.83

129 L.F. 8" P.V.C. S= 0.49

5 ANCHOR WALLS 25'0.C. @ TO @ MIN

EXISTING GROUND

0+00 SAN. MH #1
= 0+00 LINE "A-1"
= 1+30 LINE "A"
I.E. 387.08 IN (3 LINES)
I.E. 386.88 OUT (1 LINE)

AS BUILT-SEPTEMBER 1981

ROBINWOOD ESTATES NO. 3

WEST LINN

OREGON

WESCO HOMES
4344 S. CEDAROAK, WEST LINN, OREGON 97068

REGISTERED PROFESSIONAL ENGINEER — OREGON — JULY 13, 1976 — DAVID FRANK EVANS

REV. 3.18.82 AS BUILTS

SHEET 4 OF 6 SHEETS

SCALE 1"=4' VERT./1"=40' HORIZ. DESIGN DHG

DATE SEPT. 1981 DRAWN PBH

FILE WES2002 CHECKED DHG

REVISIONS

DAVID EVANS and ASSOCIATES, INC.
200 S.W. MARKET ST. PORTLAND, OR. 97201 503/223-6663

SANITARY SEWER "C"

AS BUILT - SEPTEMBER 1981

0+00 SAN. MH #18 (OREGON PROP)
I.E. 398.19 8" IN
I.E. 398.1 EXISTING

1330.17 LF 8" C.S.P. S=0.0799

1+29.32 SAN. M.H. #19
I.E. 420.22 IN
I.E. 420.00 OUT

EXISTING GROUND

129.32 L.F. 8" C.S.P. S=0.4780
5 ANCHOR WALLS 29 SQ. FT. @ 6' TO ℄ MIN

3+17.49 SAN. M.H. #20
I.E. 433.45 IN
I.E. 433.29 OUT

154.91 LF 8" C.S.P. S=0.004

15 L.F. 8" C.S.P. S=0.004
75 L.F. 8" D.I.P. S=0.004

4+72 CUT-OFF WALL

MATCH LINE - SEE BELOW

SHOT CUT-OFF WALL

80.73 LF 8" C.S.P. S=0.0078

0+80.73 C.O. #8
I.E. 439.78

5+20.40 SAN. M.H. #21
I.E. 436.46 IN
I.E. 436.26 OUT
= 0.00 "C-1"

SAN. SEWER "C-1"

MATCH LINE - SEE ABOVE

EXISTING GROUND

299.22 L.F. 8" C.S.P. S=0.0067

6+06.62 SAN. M.H. #22
I.E. 451.15 IN
I.E. 450.95 OUT

80.32 L.F. 8" C.S.P. S=0.0168

5+20.40 SAN. M.H. #21
=0+00 SAN. SEWER "C-1"
I.E. 436.46 IN
I.E. 436.26 OUT

FINISH GRADE @ ℄

138.00 L.F. 8" C.S.P. S=0.1600

7+99.84 SAN. M.H. #23
I.E. 470.04 IN
I.E. 469.84 OUT

10+37.84 C.O. #9
I.E. 492.12

0+00 1+00 2+00 3+00 4+00 5+00 6+00 7+00 8+00 9+00 10+00 11+00

360 364 368 372 376 380 384 388 392 396 400 404 408 412 416 420 424 428 432 436 440 444

460 464 468 472 476 480 484 488 492 496 500

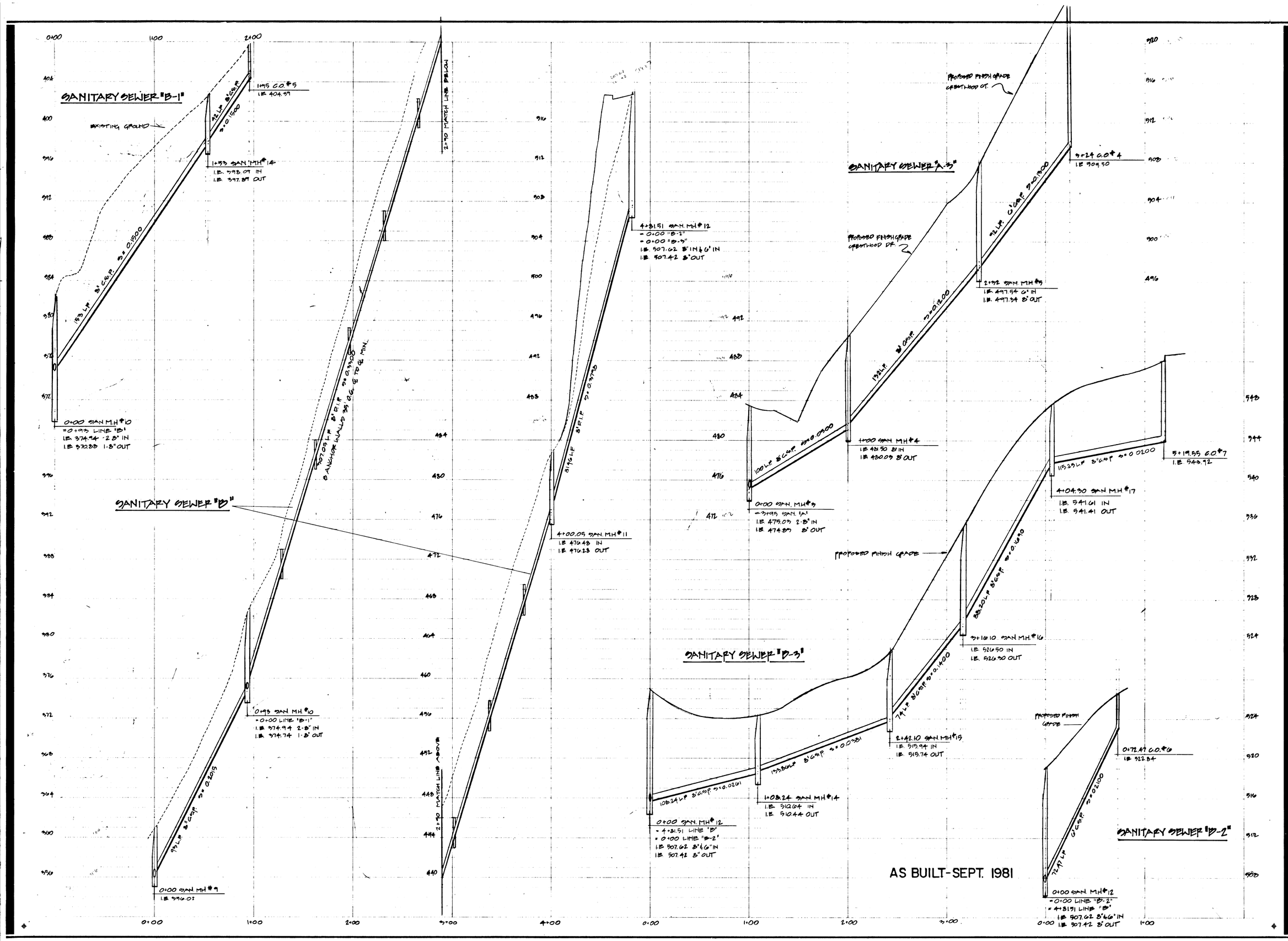
ROBINWOOD ESTATES NO. 3
OREGON
WEST LINN
WESCO HOMES
4344 S. CEDAROAK, WEST LINN, OREGON 97068

REGISTERED PROFESSIONAL ENGINEER — OREGON — 1969 — DAVID FRANK EVANS

DAVID EVANS AND ASSOCIATES, INC.
200 S.W. MARKET ST. - PORTLAND, OR. 97201 - 503/223-6663

REV. 3-10-82 AS BUILTS

SCALE 1" = 4' VERT. / 1" = 40' HORIZ. (SEMI)
DATE SEPT. 1981
JOB NO. 8100.02
DRAWN DHH
CHECKED DHH
REVISIONS
SHEET 5 OF SIX SHEETS



ROBINWOOD ESTATES NO. 3
WEST LINN
OREGON

WESCO HOMES
4344 S. CEDAROAK, WEST LINN, OREGON 97068

DAVID EVANS AND ASSOCIATES, INC.
200 S.W. MARKET ST. PORTLAND, OR. 97201 503/223-6663

REV. 3.18.82 AS BUILTS

REVISIONS

SCALE 1"=4' VERT/1"=40' HORIZ. DESIGN DHG
DATE SEPT. 1981 DRAWN DHG
FILE WES 002 CHECKED DHG

6 OF SIX SHEETS