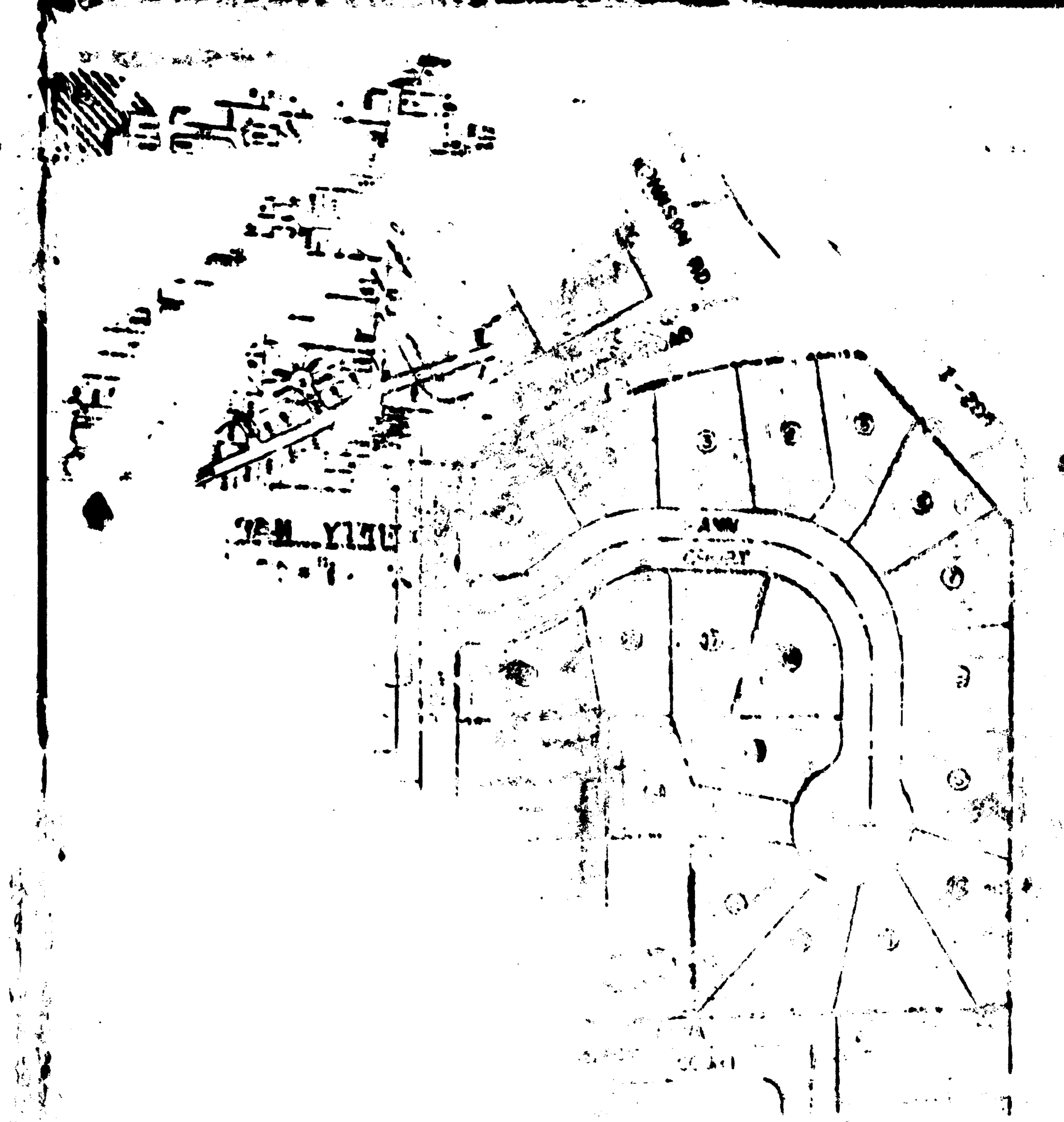


ANN ESTATES

... SANITARY SEWER &

... IS

... CON

NOTES

All work and materials to be in accordance ...

... materials ...

4. All underground utilities including utility ... and water services ... installed and in place before the ... for subgrade.

5. Use single strap service saddles on all water services (Rockwell #113 or equal)

TEMPORARY BENCH MARK

... 1/4" ... in ... box

... intersection of ... & ... Township Rd

Elevation = 105.52

Datum - City of West Linn (USC&GS)

All construction to be in accordance with City of West Linn Standard Construction Specifications and Drawings.

BACKFILL LEGEND

CLASS 3

CLASS ...

ASPHALT CONCRETE PAVEMENT REPLACEMENT

SHEET INDEX

NO.		
1	Title Sheet, Vicinity Map, Site Plan	
2	Street - ... Street / ... Road	Sta 17+1 .6 ... / Sta ... 74 ...
3	Street - Willow Court	Sta 0+00 to ... .05 / Sta 0+05 to ...
4	Sanitary Sewer Main A / Lot A - 1	Sta. 0+00 to 3+51.24 / Sta. 0+00 to 1+37.52
5	Waterline - Main A	Sta. 0+00 to ... .34

AS-BUILT FEB., 1990

DRAWN G.M.	CHECKED	APPROVED	DATE

DE HAAS & Associates, Inc.
Consulting Engineers & Surveyors
Suite 300-ABC Center, 9450 S.W. Commerce Circle, Wilsonville, Oregon 97070
(503) 682-2450

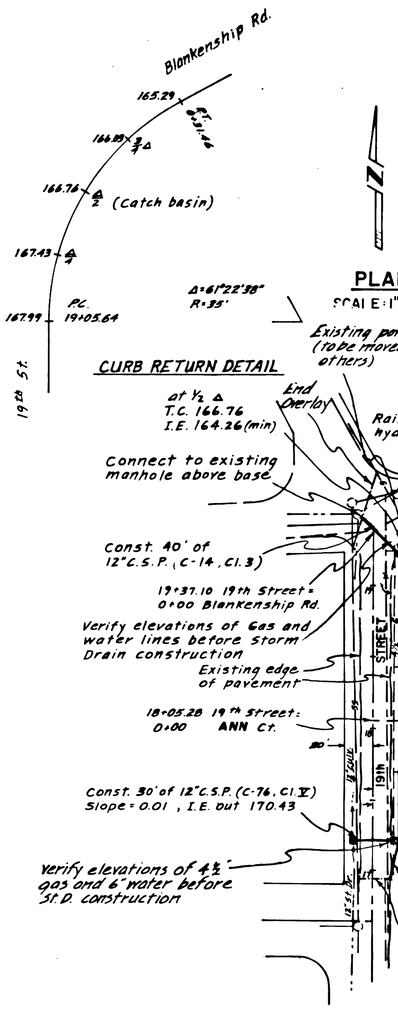
OWNER ... SCHUKART ... STREET LAKE OSWEGO, OR. 97034

TITLE SHEET

SHEET 1/5

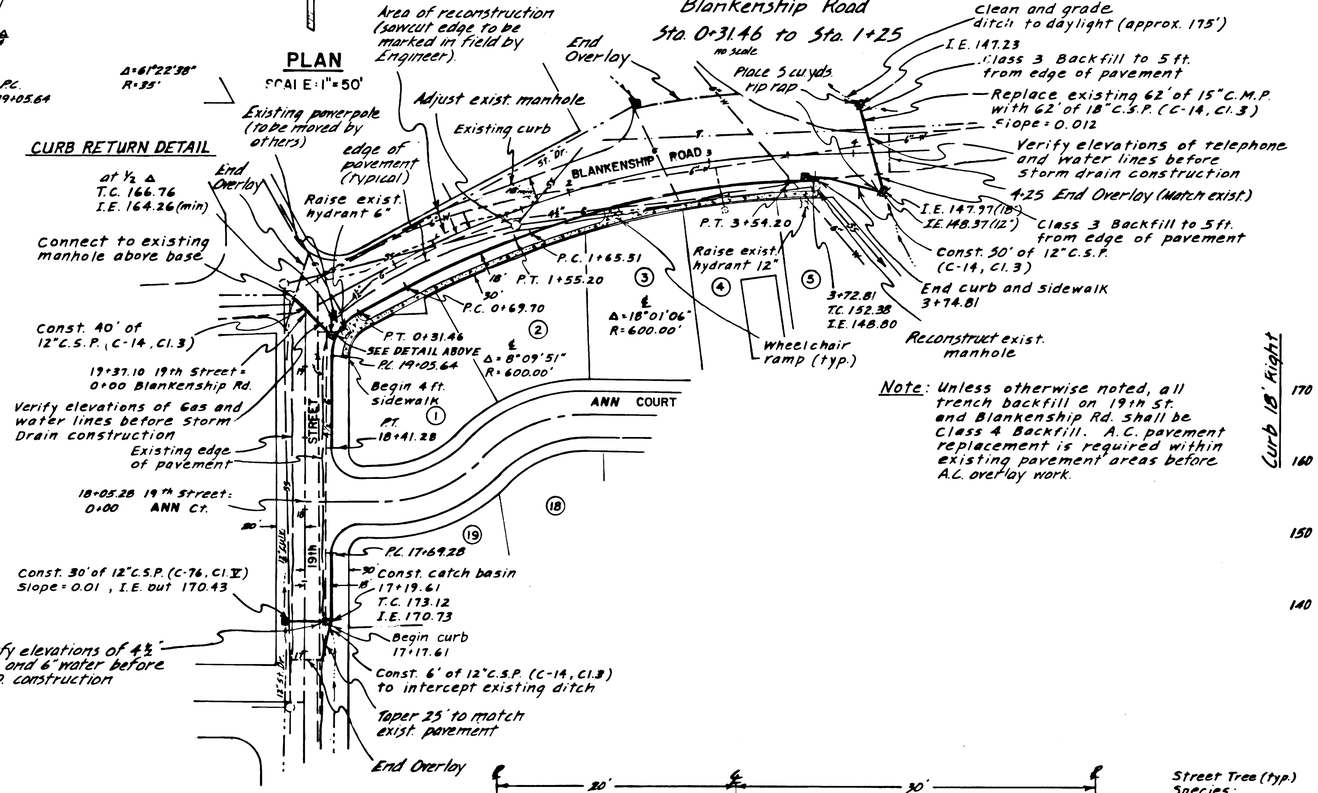
SCALE AS SHOWN | DATE JANUARY 1987 | FILE 86.63-...3

Ann Estates '90

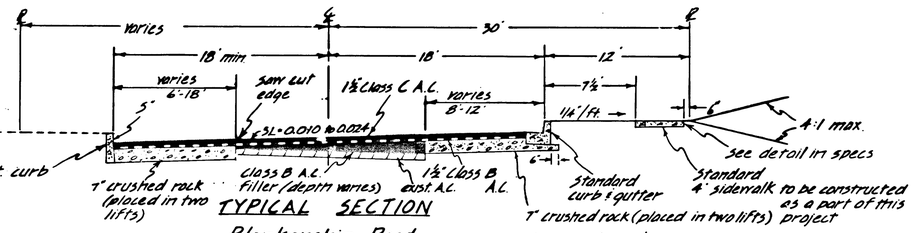


PLAN

SCALE: 1"=50'



Note: Unless otherwise noted, all trench backfill on 19th St. and Blankenship Rd. shall be Class 4 Backfill. A.C. pavement replacement is required within existing pavement areas before A.C. overlay work.

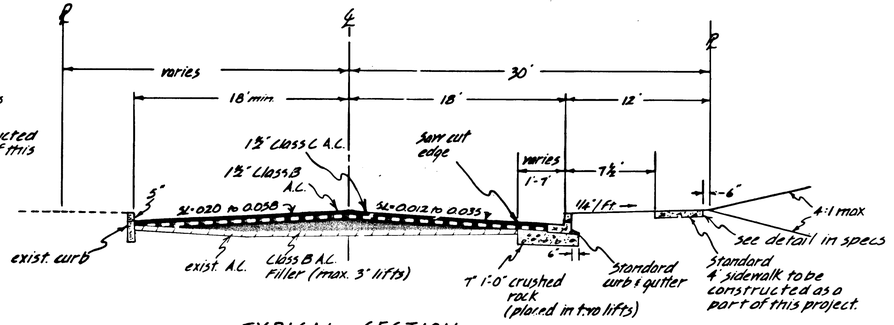


TYPICAL SECTION

Blankenship Road

Sta. 0+31.46 to Sta. 1+25

no scale

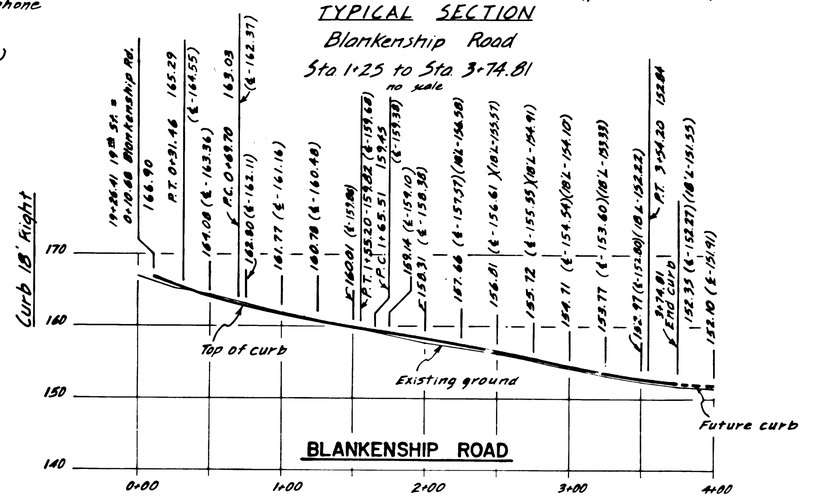


TYPICAL SECTION

Blankenship Road

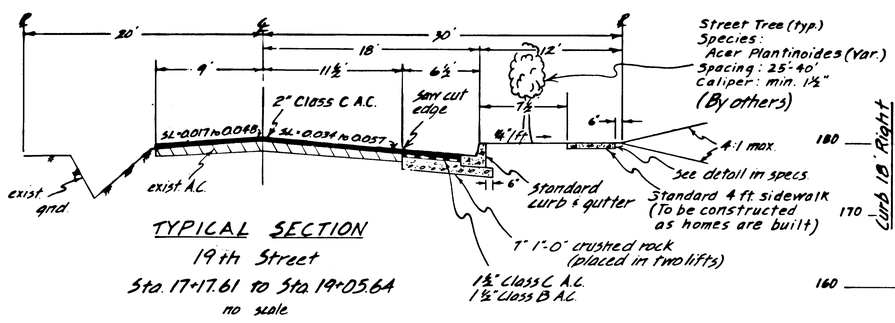
Sta. 1+25 to Sta. 3+74.81

no scale



PROFILE

SCALE: Horiz. 1"=50'
Vert. 1"=10'

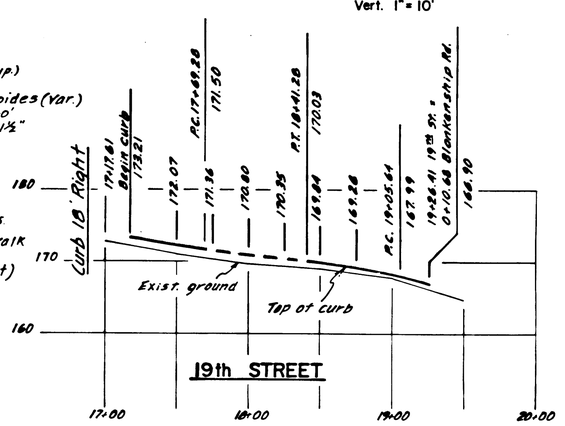


TYPICAL SECTION

19th Street

Sta. 17+17.61 to Sta. 19+05.64

no scale



19th STREET

AS-BUILT FEB., 1990

DATE	NO.	REVISIONS	BY
4/10/87	1	Street grades on Blankenship and typical sections	JJR
4/23/87	2	Reconstruct exist. manhole Sta 3+75 Blankenship	JJR
5/22/87	3	CB lateral Blankenship; notes on sidewalk; define cross slopes per City	JJR
2/25/90	4	As-Builts	DDM

J. R. DESIGNED
G. M. DRAWN
CHECKED
APPROVED
DATE 5/22/87

DE HAAS & Associates, Inc.
Consulting Engineers & Surveyors

Suite 300 - AGC Center
9450 S.W. Commerce Circle
Wilsonville, Oregon 97070
(503) 682-2450
Res. 636-6195

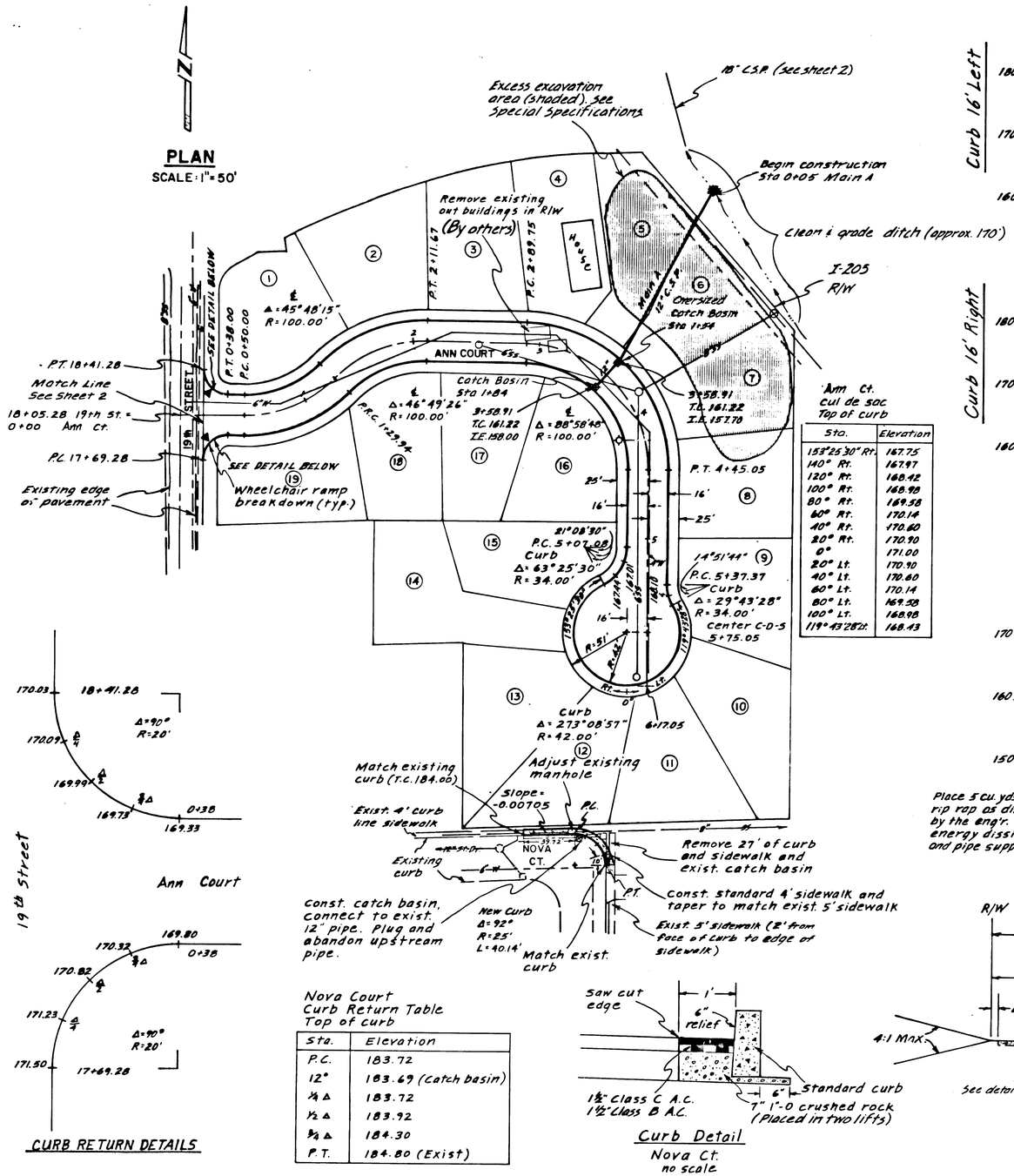
ANN ESTATES

STREET & STORM DRAIN IMPROVEMENTS

PLAN & PROFILE
STREETS - 19th STREET 17+17.61 to 19+37.10
BLANKENSHIP ROAD 0+00 to 3+74.81

SHEET 2/5

SCALE AS SHOWN | DATE JANUARY, 1987 | FILE 86.634.013



AS BUILT FEB., 1990

REGISTERED PROFESSIONAL ENGINEER — OREGON — JULY 14, 1981 — MARLIN J. DeHAAS

DATE	NO.	REVISIONS	BY
5/22/87	1	Notes for sidewalks; oversized catch basin Sta 3+58.91	GPR
2/23/90	2	AS Builts	DAM

J.R. DESIGNED | G.M. DRAWN | CHECKED | APPROVED | DATE 5/22/87

DE HAAS & Associates, Inc.
Consulting Engineers & Surveyors
Suite 300-AGC Center
9450 S.W. Commerce Circle
Wilsonville, Oregon 97070
(503) 682-2450
Res. 636-6195

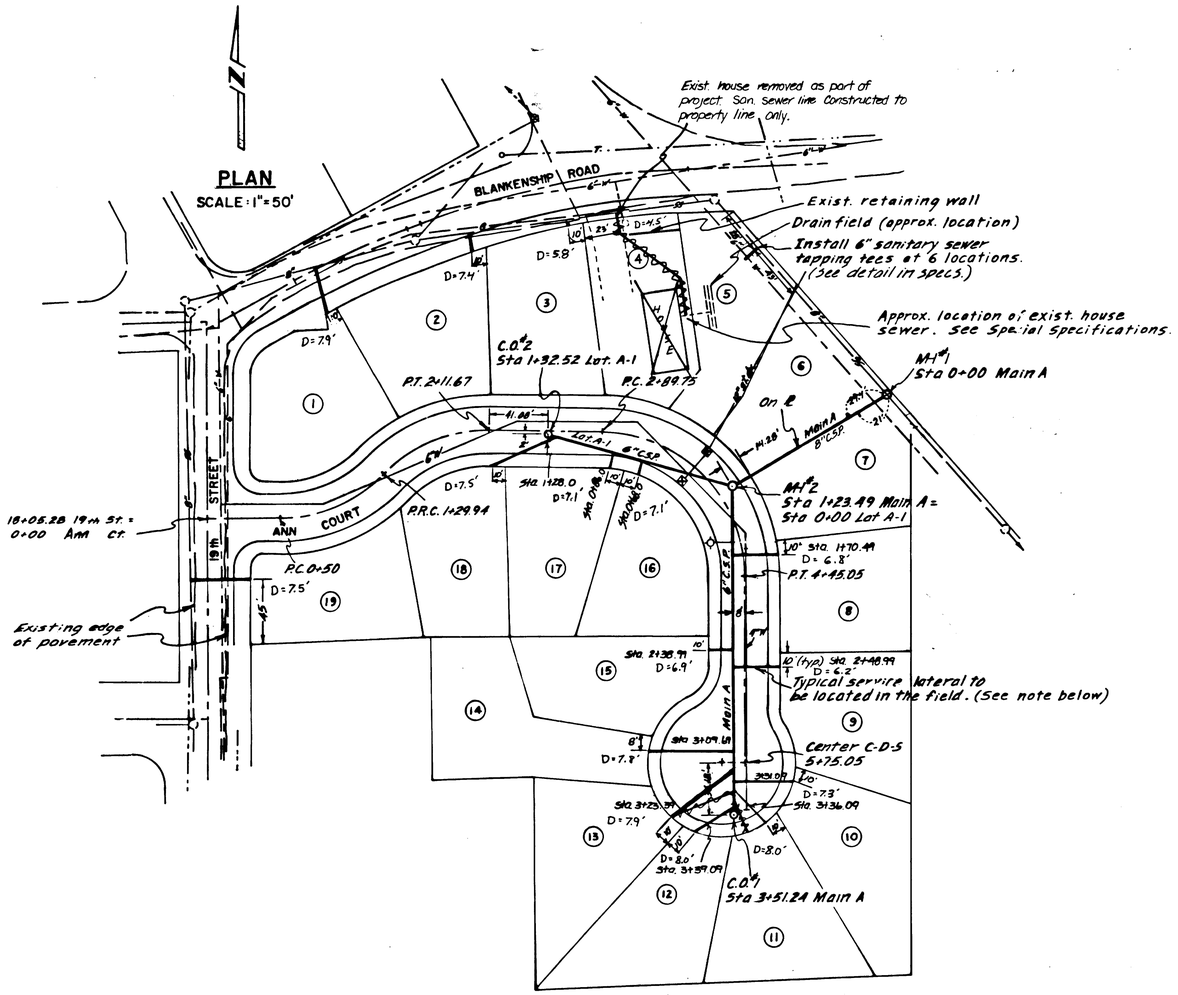
ANN ESTATES

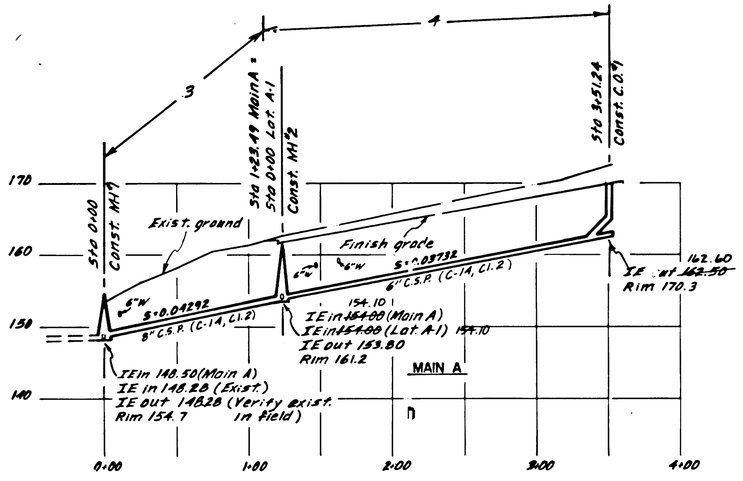
STREET & STORM DRAIN IMPROVEMENTS

PLAN & PROFILE
STREET – WILLOW COURT 0+00 to 6+17.05
STORM DRAIN – MAIN A 0+05 to 1+84

SHEET 3/5

SCALE AS SHOWN | DATE JANUARY, 1987 | FILE 86.634.013





Note: Unless otherwise indicated, all service laterals shall be 6" C.S.P. (C-14, Cl. 2). Class 4 backfill for service laterals shall extend to the R/W line. A.C. pavement replacement is required within existing pavement areas before A.C. overlay work.

D = depth of end sanitary sewer lateral from top of curb. Unless otherwise noted, service laterals have been laid at a slope of 1/4"/ft.

REGISTERED PROFESSIONAL ENGINEER — OREGON — JULY 14, 1961 — MARLIN J. DeHAAS

AS-BUILT FEB., 1990

DATE	NO.	REVISIONS	BY
5/22/87	1	Add to tapping tee note per City	JJR
2/23/90	2	AS-BUILTS	SMH

J.R. DESIGNED — G.M. DRAWN — CHECKED — APPROVED — DATE 5/22/87

DE HAAS & Associates, Inc. Consulting Engineers & Surveyors

Suite 300-AGC Center
9450 S.W. Commerce Circle
Wilsonville, Oregon 97070
(503) 682-2450
Res. 636-6195

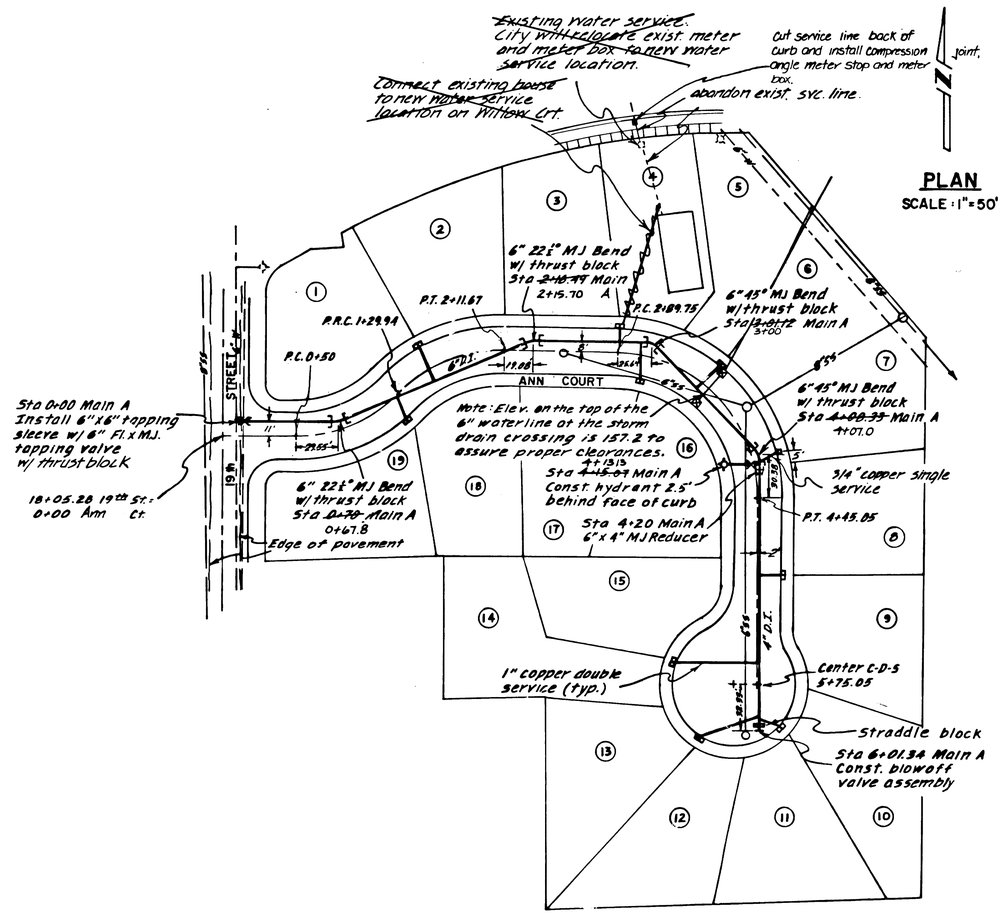
ANN ESTATES

SANITARY SEWER IMPROVEMENTS

PLAN & PROFILE
SANITARY SEWER - MAIN A Sta 0+00 to 3+51.24
LAT. A-1 Sta 0+00 to 1+32.52

SHEET 4/5

SCALE AS SHOWN | DATE JANUARY, 1987 | FILE 86.634.013



Note: Unless otherwise indicated all waterlines shall be laid with 3' min. cover. (All backfill Class 4) A.C. pavement replacement is required within existing pavement areas before A.C. overlay work.

REGISTERED PROFESSIONAL ENGINEER — OREGON — JULY 14, 1961 — MARLIN J. DeHAAS

AS BUILT FEB., 1990

DATE	NO.	REVISIONS	BY
5/22/87	1	Add note to exist. wtr. service; new service location for exist. house connection.	TK
2/23/90	2	As builts	Dam

J.R. DESIGNED | G.M. DRAWN | CHECKED

APPROVED DATE 9/24/87

DE HAAS & Associates, Inc. Consulting Engineers & Surveyors

Suite 300-AGC Center
8450 S.W. Commerce Circle
Wilsonville, Oregon 97070
(503) 682-2450
Res. 636-6195

ANN ESTATES
WATER IMPROVEMENTS

PLAN
WATER- MAIN A Sta 0+00 to 6+01.34

SHEET 5/5

SCALE AS SHOWN | DATE JANUARY, 1987 | FILE 86.634.013