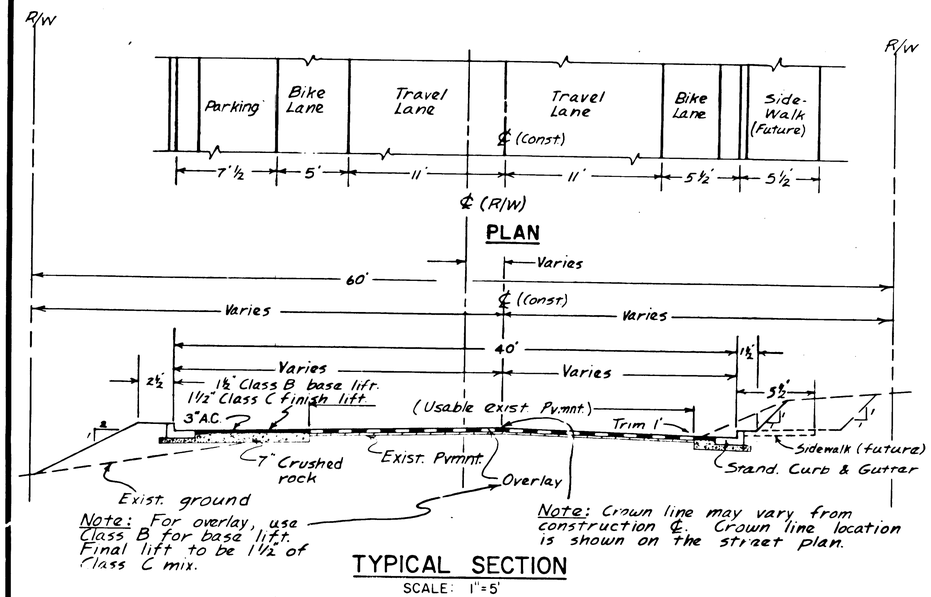
88-10

WEST A STREET

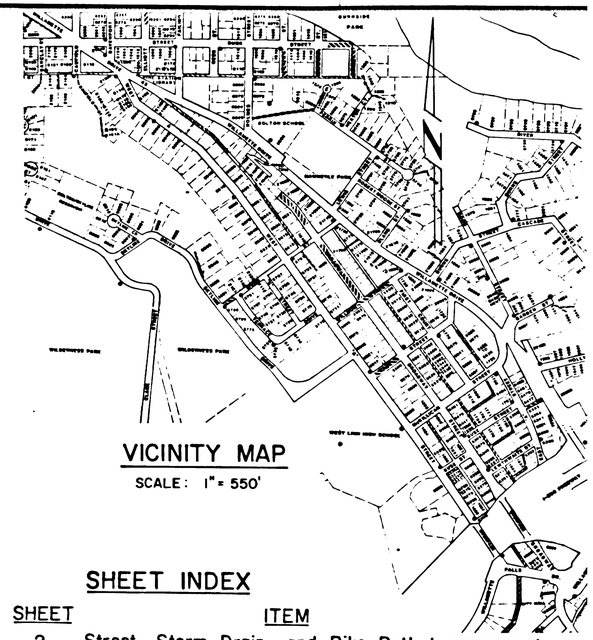
STREET, STORM DRAIN, and BIKE PATH IMPROVEMENTS

WEST LINN, OREGON

MAY, 1988



TYPICAL SECTION
SCALE: 1"=5'



VICINITY MAP
SCALE: 1" = 550'

SHEET INDEX

SHEET	ITEM
2	Street, Storm Drain, and Bike Path Improvements. Sta. 6+98 - 12+00
3	Street, Storm Drain, and Bike Path Improvements. Sta. 12+00 - 17+00
4	Street, Storm Drain, and Bike Path Improvements. Sta. 17+00 - 22+00
5	Street, Storm Drain, and Bike Path Improvements. Sta. 22+00 - 27+00
6	Street, Storm Drain, and Bike Path Improvements. Sta. 27+00 - 32+00
7	Street, Storm Drain, and Bike Path Improvements. Sta. 32+00 - 34+75
8	Standard Storm Drain Details.
9	Standard Curb & Storm Drainage Details. Bike Lane Markings & Signing.
10	Willson St. Storm Drain Sta. 3+77.5 - 8+38
11	Willson St. Storm Drain Sta. 8+38 - 10+69.5

AS-BUILT, OCTOBER, 1988

PRIMARY PROJECT BENCH MARK

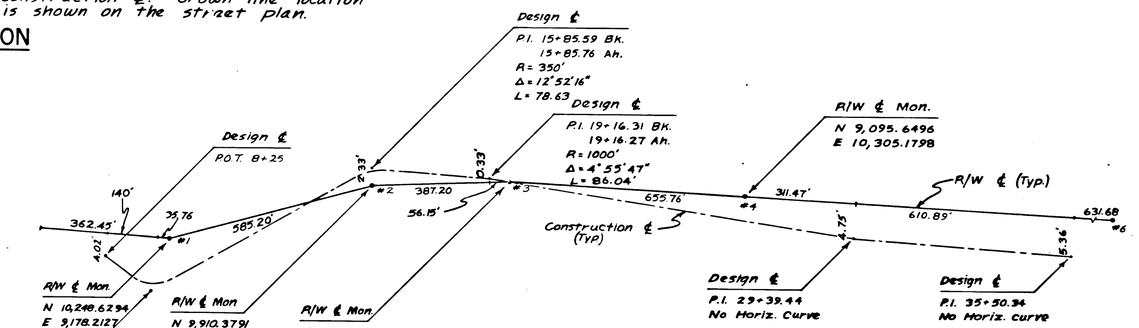
Brass disk stamped: A 200 RESET 1982, located at Bolton, 250 feet south of Oswego Highway milepost 12, 3.8 miles south of Oswego, front of Bolton school, south end of bottom step at west edge of side road on west side of highway.

ELEV.: 276.979 Feet

Datum: National Geodetic Vertical Datum of 1929

NOTE:

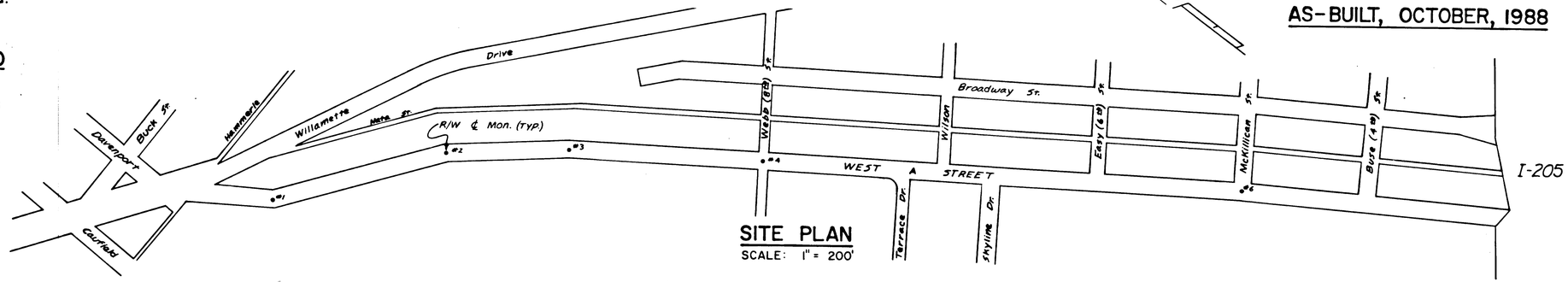
All construction shall conform to City of West Linn standard plans and specifications, if not otherwise noted or indicated.



HORIZONTAL CONTROL DIAGRAM
SCALE: Longitudinal 1"=200'
P.I. Offsets 1"=10'

TREE LEGEND

O-Oak
U-Unknown species
P-Pine
F-Fir
A-Ash
E-Elm
M-Maple
C-Cedar



SITE PLAN
SCALE: 1" = 200'

REGISTERED PROFESSIONAL ENGINEER 5234 OREGON JULY 14, 1961 MARLIN J. DeHAAS

DATE	NO.	REVISIONS	BY
10/17/88	1	As built	MJD
Oct, 88	2	Remove bike lane markings & Signing locations from site plan	DEG

ELD DESIGNED | DEG DRAWN | MJD CHECKED | APPROVED MJD | DATE 5/20/88

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

CITY OF WEST LINN
DEPARTMENT OF PUBLIC WORKS
EARL R. REED, DIRECTOR

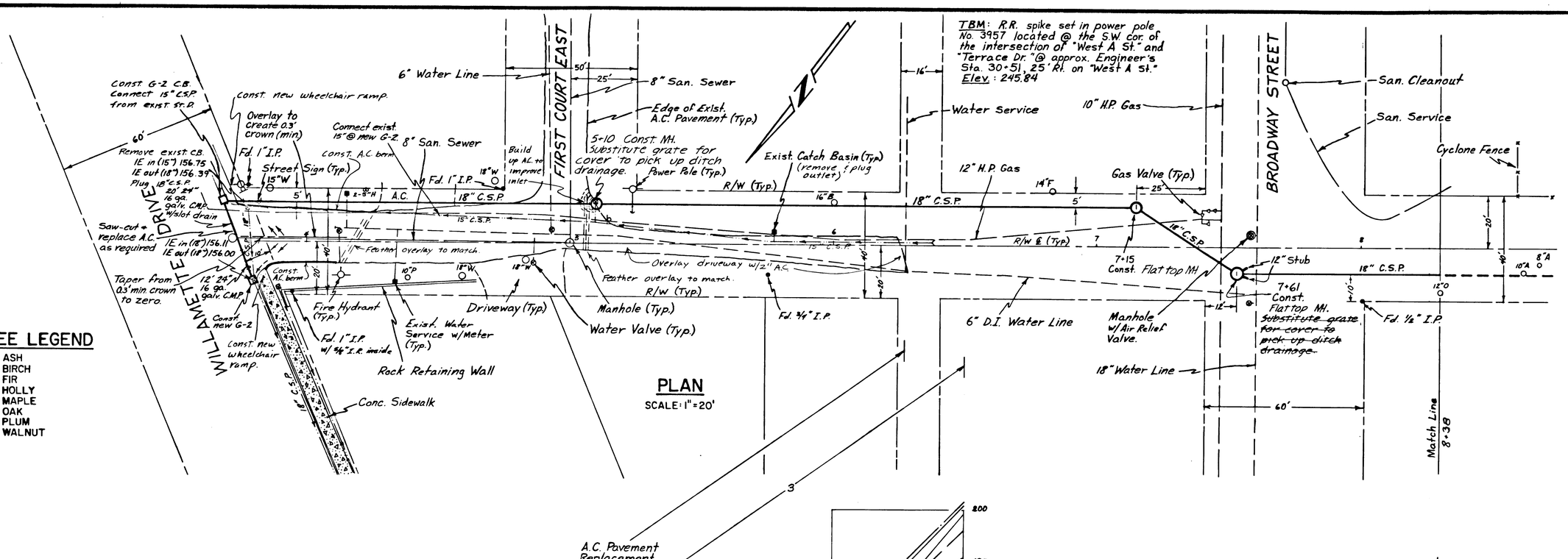
TITLE SHEET

SHEET 1/11

SCALE AS SHOWN | DATE MAY, 1988 | FILE 87.713.250

TREE LEGEND

A	ASH
B	BIRCH
F	FIR
H	HOLLY
M	MAPLE
O	OAK
P	PLUM
W	WALNUT



AS BUILT, NOVEMBER, 1988

REGISTERED PROFESSIONAL ENGINEER 4711 OREGON JULY 14, 1981 MARLIN J. DeHAAS

DATE	NO.	REVISIONS	BY
10/14/88	1	Stationing and Grade Revisions	TDK
10/14/88	2	Storm drain revisions @ Willamette Drive.	TDK
11/28/88	3	As Built	DEG

T.D.K. DESIGNED · T.D.K. DRAWN · M.J.D. CHECKED · APPROVED · DATE 11/22/88

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

WEST A STREET STREET, STORM DRAIN, and BIKE PATH IMPROVEMENTS

PLAN & PROFILE

WILLSON ST. STORM DRAIN: STA. 3+77.5 – 8+36

SHEET 10/11

SCALE AS SHOWN · DATE JULY 1988 · FILE 87.713.250

TBM: R.R. spike set in power pole No. 3957 located @ the S.W. cor of the intersection of "West A St." and "Terrace Dr." @ approx. Engineer's Sta. 30+51, 25' Rt. on "West A St." Elev.: 245.84

BROADWAY STREET

Cyclone Fence (Typ.)

Fd. ⅝" I.R.

Fd. ½" I.P.

R/W (Typ.)

Rock Ref. Wall

Sta. 10+69 ℄ Const. Flattop MH

Fd P-K Nail w/shiner

24" C.S.P.

Catch Basin (Typ.)

15" C.S.P.

Power Pole (Typ.)

Street Sign (Typ.)

Abandon Exist. St. D.

18" C.S.P.

24"F

22"O

10"A

8"A

18"O

12"O

R/W ℄ (Typ.)

18" C.S.P.

32+13.16 R/W ℄ W. "A" = 10+50 R/W ℄ Willson

10+23 ℄ Const. MH

Edge of Exist. A.C. Pavement (Typ.)

Fd. 2" I.P.

31+87.5 TC 244.88 IE 241.5

12" C.S.P.

31+80 TC 244.83 IE 241.9

Conc. Curb

Water Meter (Typ.)

Mailbox (Typ.)

STREET

WEST "A"

40'

20'

10'

32

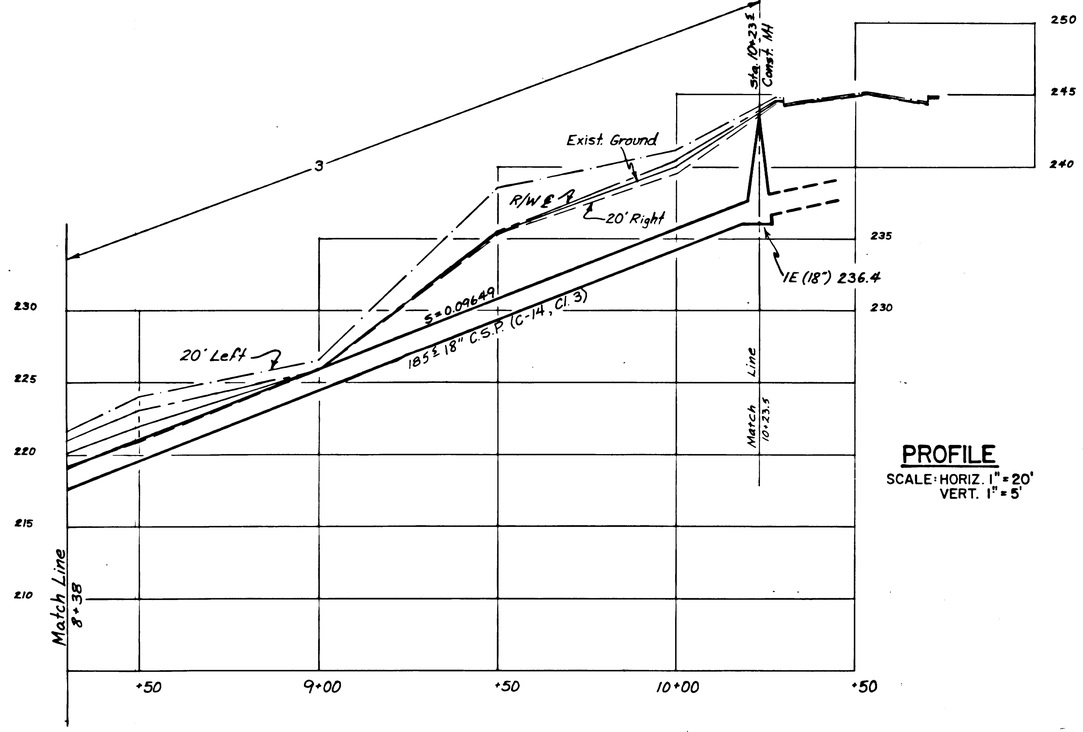
30'

60'

Match Line 8+38

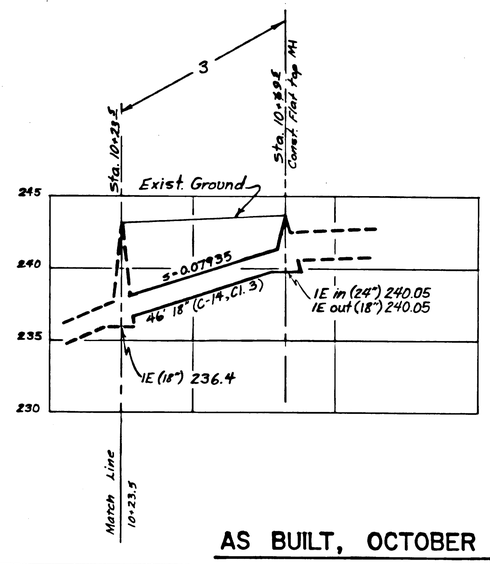
PLAN

SCALE: 1"=20'



PROFILE

SCALE: HORIZ. 1" = 20'
VERT. 1" = 5'



REGISTERED PROFESSIONAL ENGINEER 2791 OREGON JULY 14, 1961 MARLIN J. DeHAAS

AS BUILT, OCTOBER 1988

DATE	NO.	REVISIONS	BY
10/14/88	1	Stationing and Grade Revisions	TDK

T.D.K. DESIGNED
T.D.K. DRAWN
M.J.D. CHECKED
APPROVED
DATE 7/22/88

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

WEST A STREET STREET, STORM DRAIN, and BIKE PATH IMPROVEMENTS

PLAN & PROFILE

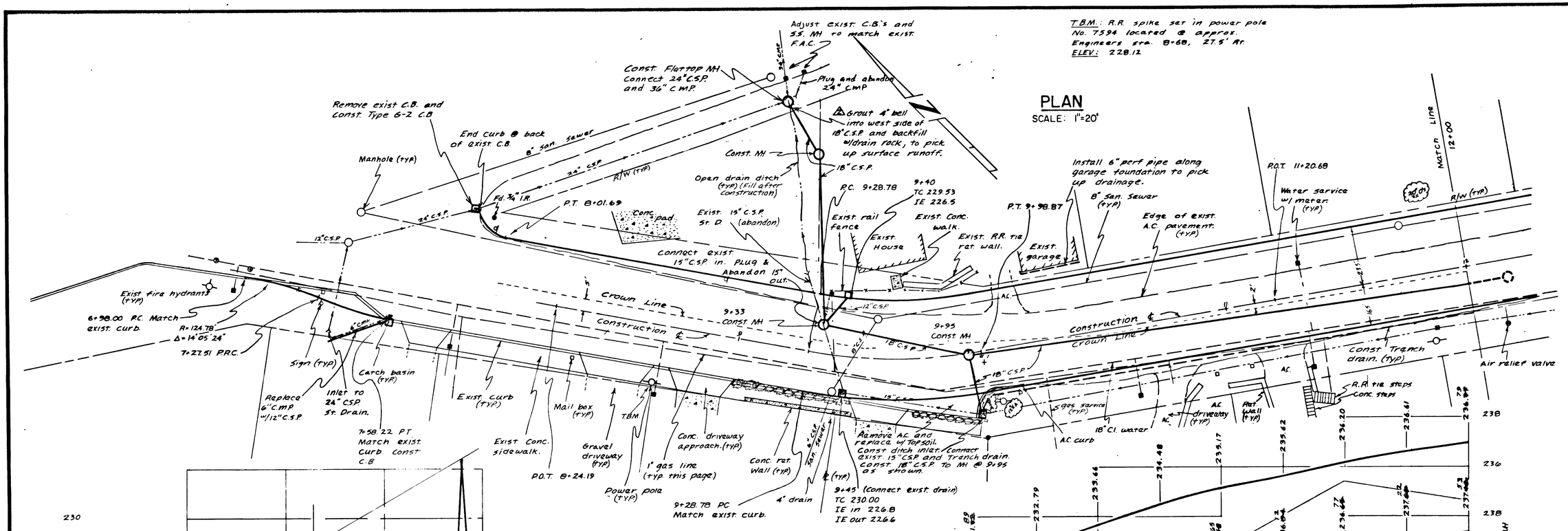
WILLSON ST. STORM DRAIN: STA. 8+~~38~~ – 10+~~56~~ 69.5

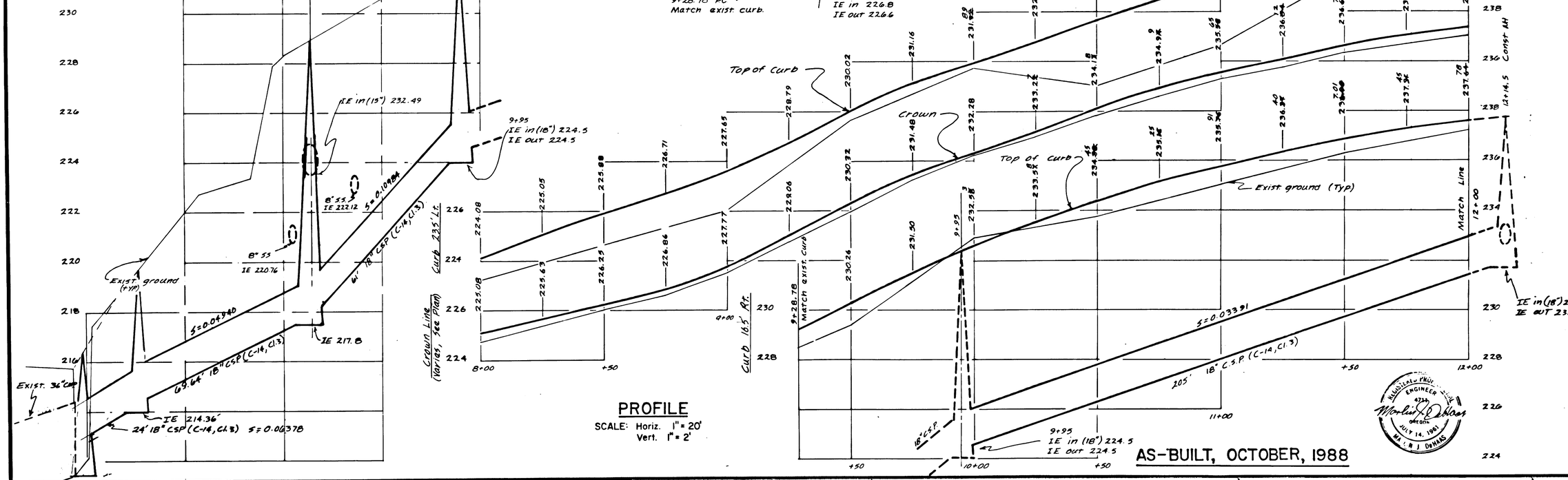
SHEET 11/11

SCALE AS SHOWN | DATE JULY 1988 | FILE 87.713.250

T.B.M.: R.R. spike set in power pole No. 7594 located @ approx. Engineers sta. 8+68, 27.5' Rt.
ELEV: 228.12

PLAN
SCALE: 1"=20'





PROFILE
SCALE: Horiz. 1" = 20'
Vert. 1" = 2'

AS-BUILT, OCTOBER, 1988

DATE	NO.	REVISIONS	BY
10/12/88	1	As built storm drain revisions	DEC
12/9/88	2	Add note about 4' bell.	DEC
12/13/88	3	Revise street grades.	DEC

E.L.D. DESIGNED
D.E.G. DRAWN
M.J.D. CHECKED
APPROVED
DATE 5/20/88

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Consulting Engineers & Surveyors
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WEST A STREET
STREET, STORM DRAIN, and
BIKE PATH IMPROVEMENTS

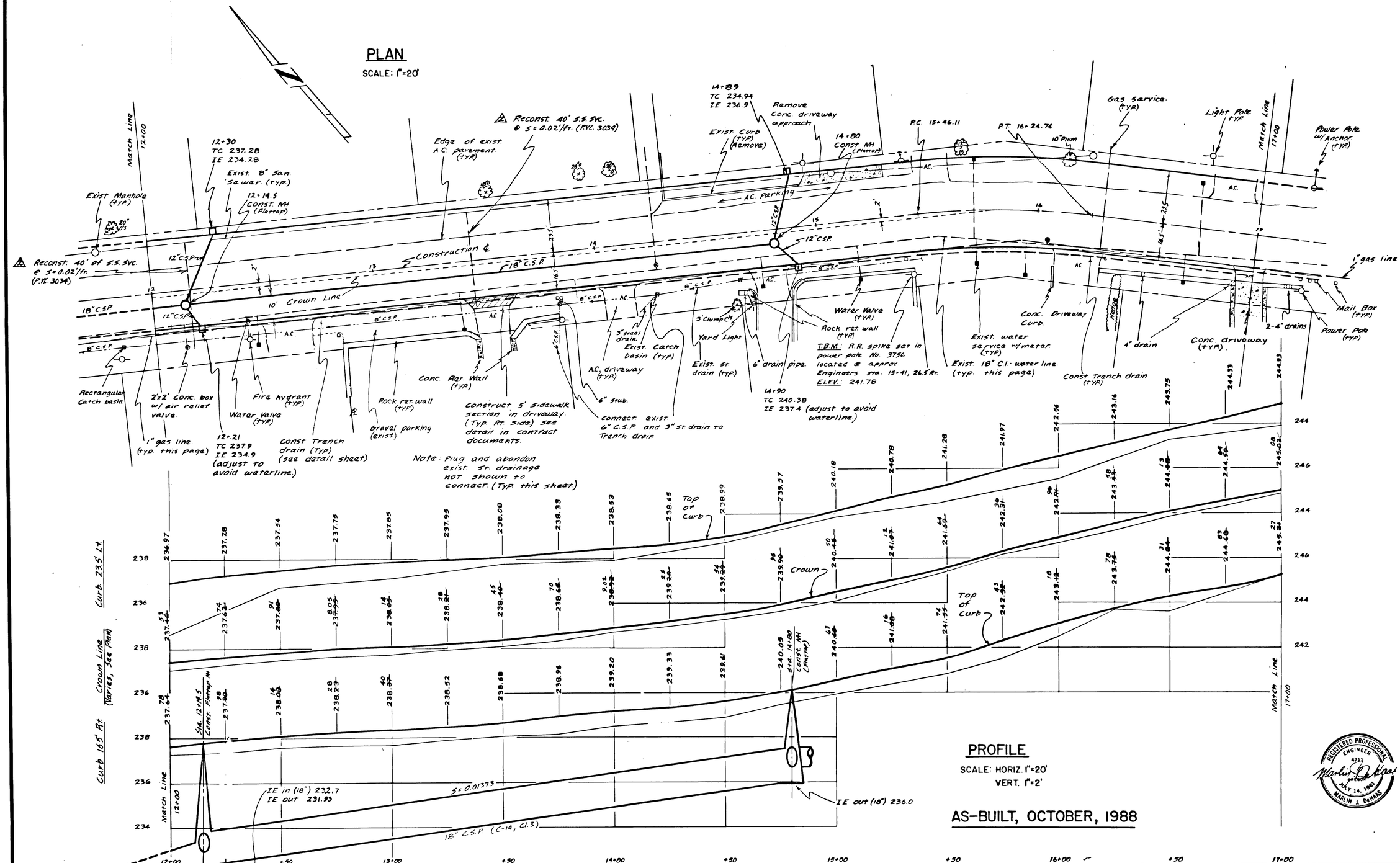
PLAN & PROFILE
Sta. 6+98 – 12+00

SHEET 2/11

SCALE AS SHOWN | DATE MAY, 1988 | FILE 87.713.250

PLAN

SCALE: 1"=20'



PROFILE

SCALE: HORIZ. 1"=20'
VERT. 1"=2'

AS-BUILT, OCTOBER, 1988

REGISTERED PROFESSIONAL ENGINEER 4711 OREGON JULY 14, 1965 MARLIN J. DeHAAS

DATE	NO.	REVISIONS	BY
10/17/88	1	AS-Built storm drain revisions	MJD
Oct, 88	2	Add notes reconst. SS Svc's	DEG
12/13/88	3	Revise Street grades.	MJD

E.L.D. DESIGNED
D.E.G. DRAWN
M.J.D. CHECKED
APPROVED
DATE 6/20/89

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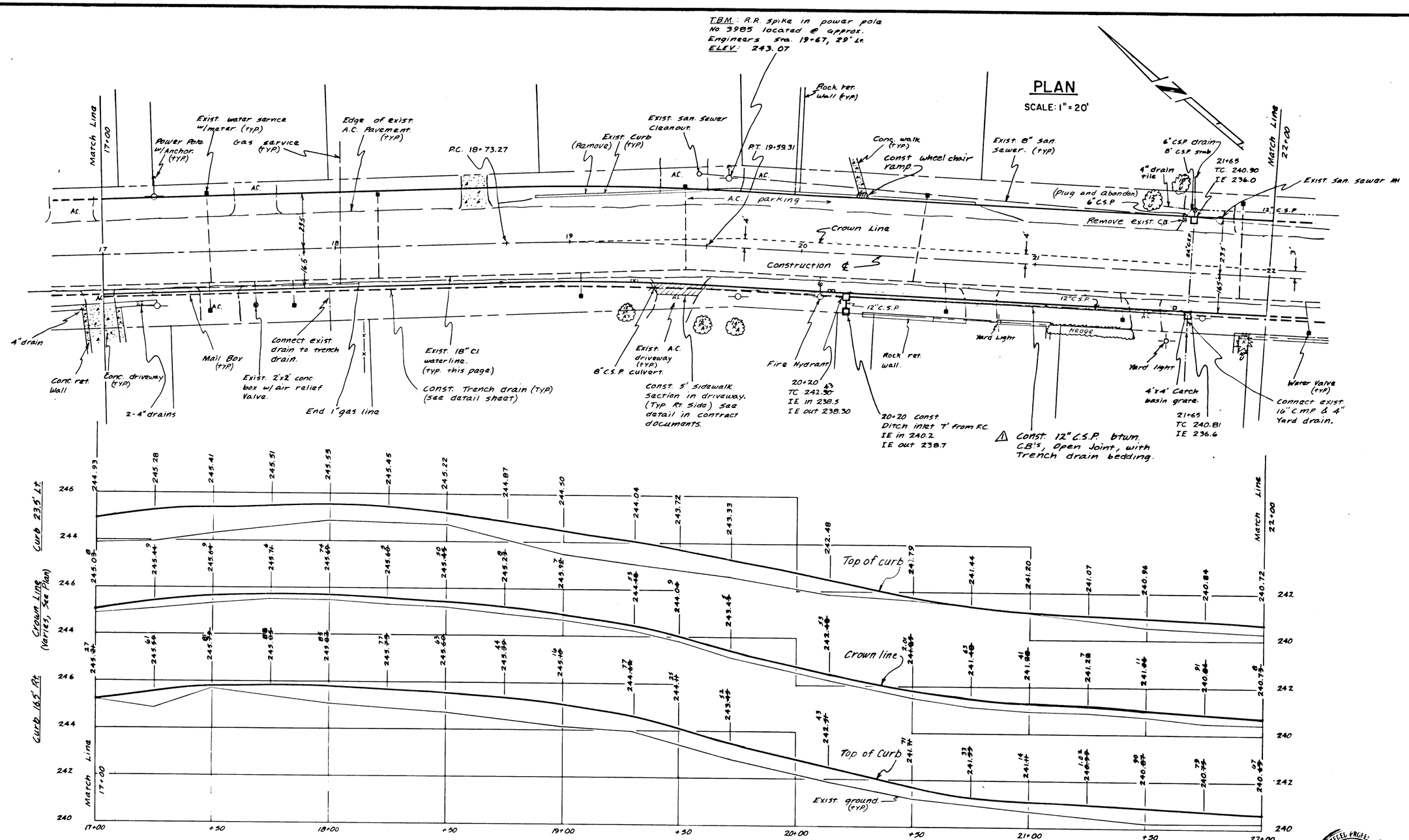
WEST A STREET
STREET, STROM DRAIN, and
BIKE PATH IMPROVEMENTS

PLAN & PROFILE
STA. 12+00 – 17+00

SCALE AS SHOWN | DATE MAY, 1988 | FILE 87.713.250

SHEET 3/11



PROFILE

SCALE: HORIZ. 1"=20'
VERT. 1"=2'

AS-BUILT, OCTOBER, 1988

REGISTERED PROFESSIONAL ENGINEER 9773 OREGON JULY 14, 1961 MARLIN J. DeHAAS

DATE	NO.	REVISIONS	BY
10/19/88	⚠	Const. 12" C.S.P. open jt. in lieu of trench drain.	MJD
12/13/88	2	Revise street grades.	DEG

E.L.D. DESIGNED
D.E.G. DRAWN
M.J.D. CHECKED
APPROVED
DATE 12/20/88

DE HAAS & Associates, Inc.
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Res. 636-6195

WEST A STREET
STREET, STORM DRAIN, and
BIKE PATH IMPROVEMENTS

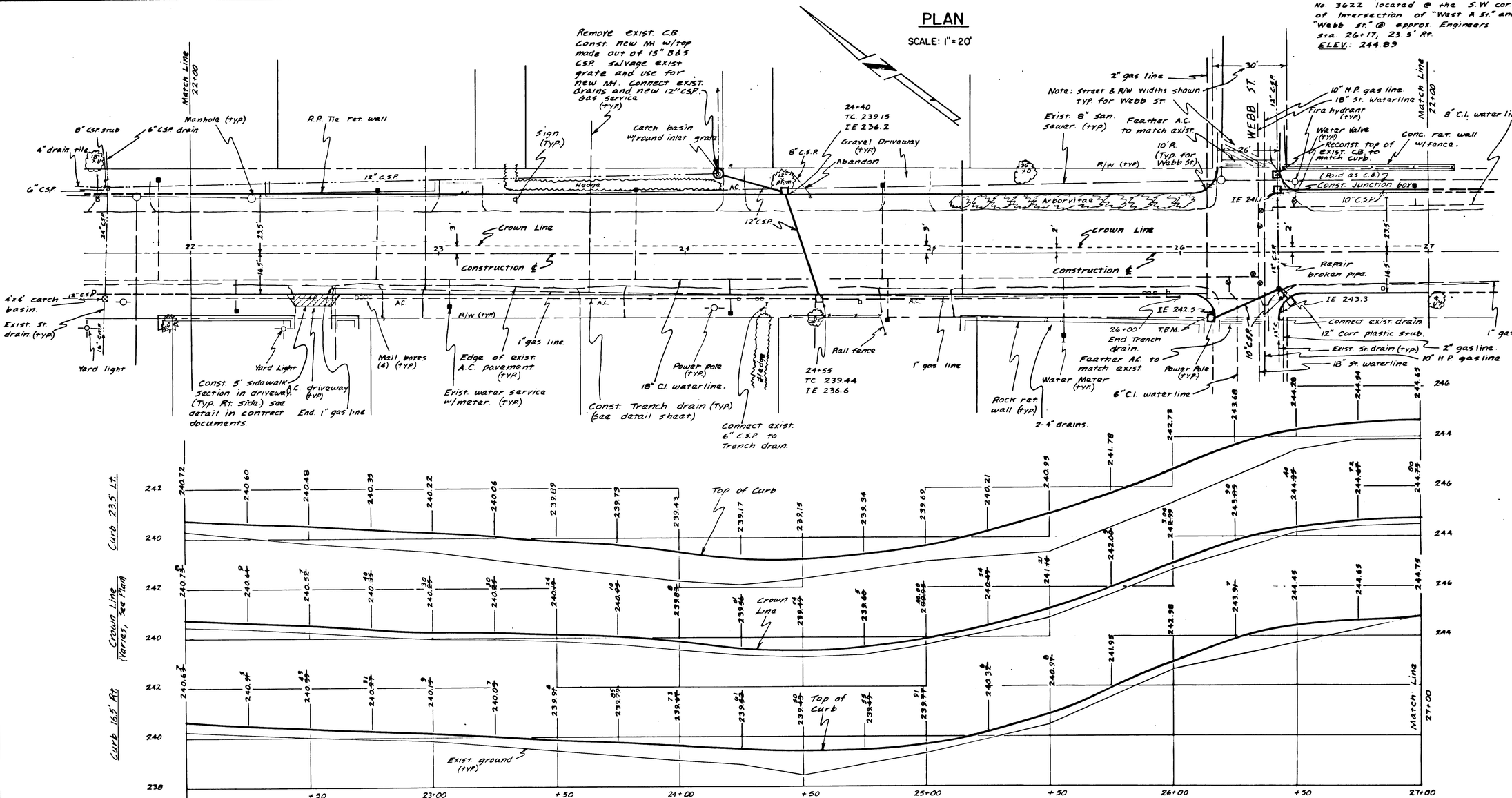
PLAN & PROFILE
STA. 17+00 — 22+00

SHEET 4/11

SCALE AS SHOWN | DATE MAY, 1988 | FILE 87.713.250

PLAN

SCALE: 1" = 20'



PROFILE

SCALE: HORIZ. 1" = 20'
VERT 1" = 2'

AS-BUILT, OCTOBER, 1988

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

DATE	NO.	REVISIONS	BY
10/18/88	1	AS-Built storm drain revisions.	WBR
12/13/88	2	Revise street grades.	DEG

E.L.D. DESIGNED
D.E.G. DRAWN
M.J.D. CHECKED
APPROVED
DATE 5/20/88

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WEST A STREET
STREET, STORM DRAIN, and
BIKE PATH IMPROVEMENTS

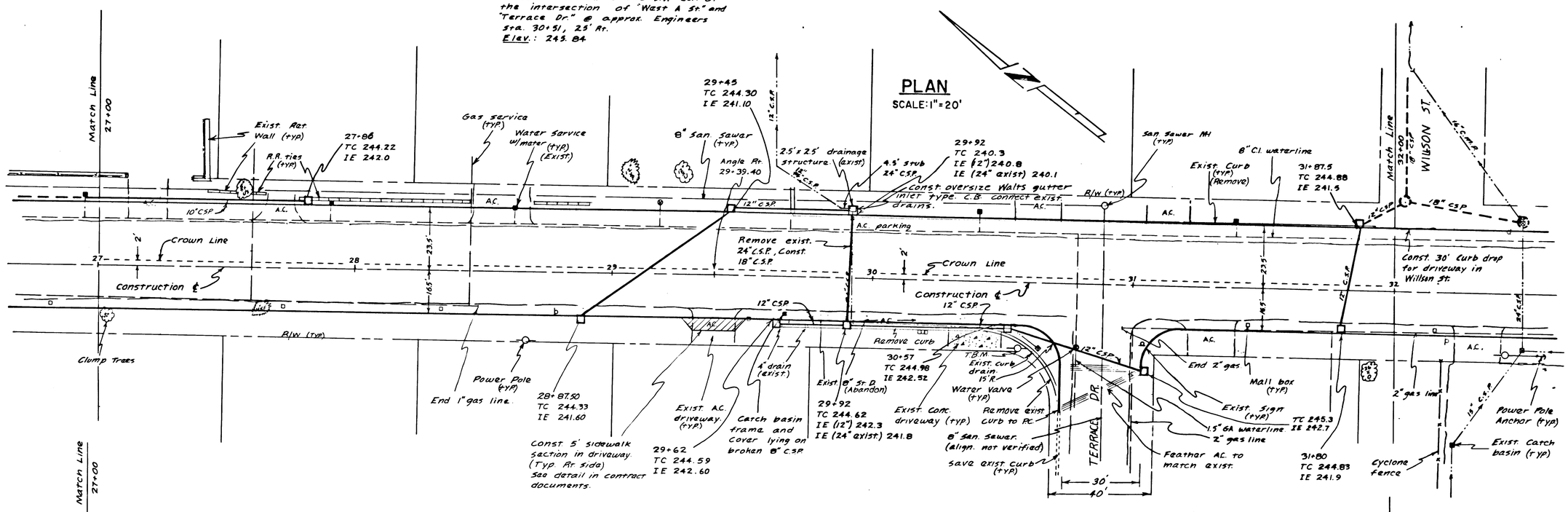
PLAN & PROFILE
STA. 22+00 – 27+00

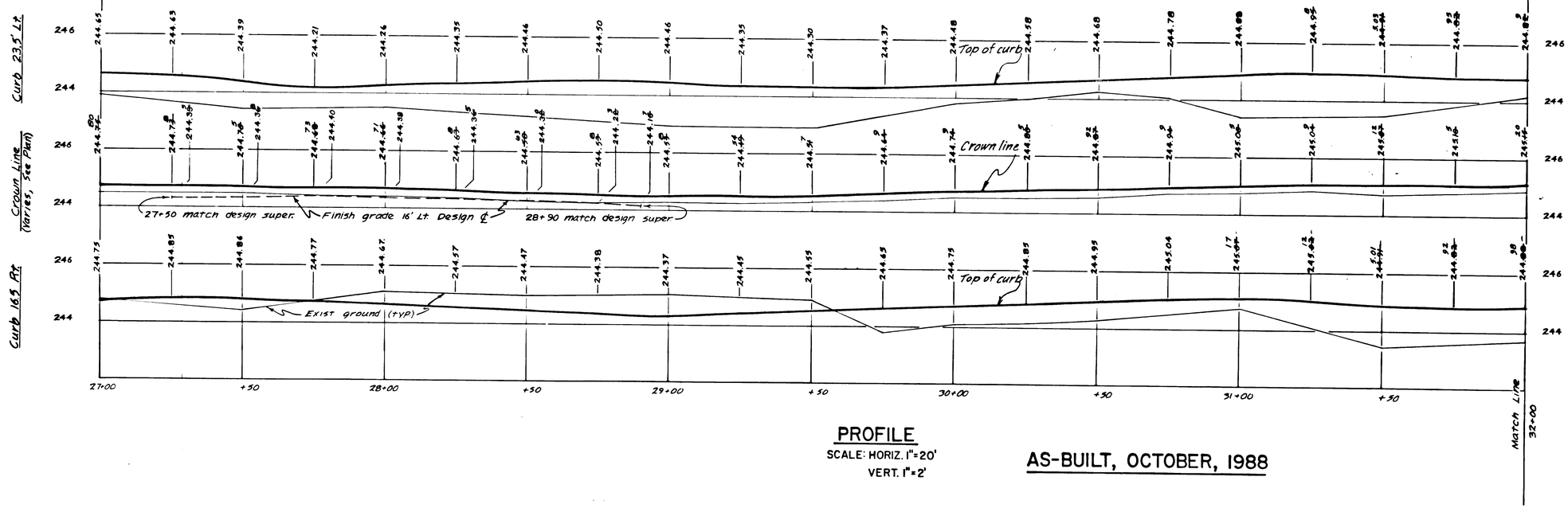
SCALE AS SHOWN | DATE MAY, 1988 | FILE 87.713.250

SHEET 5/11

T.B.M: R.R. spike set in power pole No 3957 located @ the S.W cor of the intersection of "West A St." and "Terrace Dr." @ approx. Engineers sta. 30+51, 23' Rt.
Elev.: 245.84

PLAN
SCALE: 1"=20'





PROFILE
SCALE: HORIZ. 1"=20'
VERT. 1"=2'

AS-BUILT, OCTOBER, 1988

OREGON REGISTERED PROFESSIONAL ENGINEER 4747 Marlin I. DeHaas JULY 14, 1961 MARLIN I. DeHAAS

DATE	NO.	REVISIONS	BY
10/19/88	1	AS-built Storm drain revisions	MJD
12/13/88	2	Revise Street grades	DEG

E.L.D. DESIGNED · D.E.G. DRAWN · M.J.D. CHECKED

APPROVED
DATE 5/20/88

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Consulting Engineers & Surveyors
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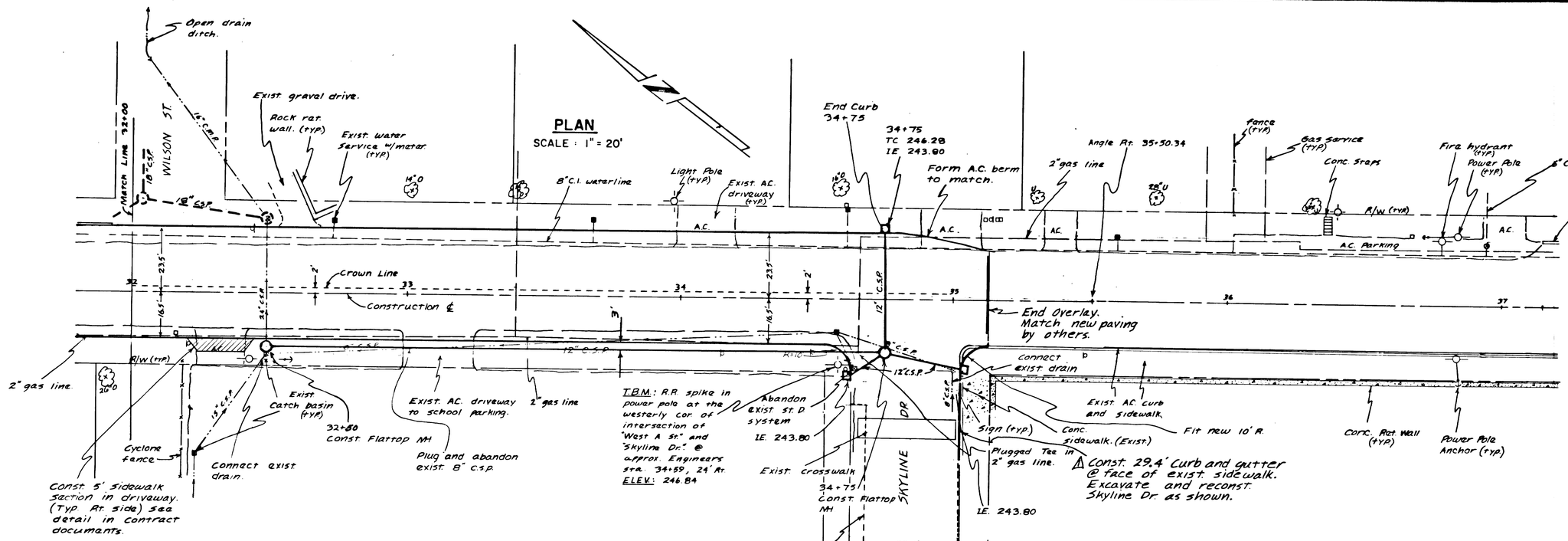
WEST A STREET
STREET, STORM DRAIN, and
BIKE PATH IMPROVEMENTS

PLAN & PROFILE
STA. 27+00 — 32+00

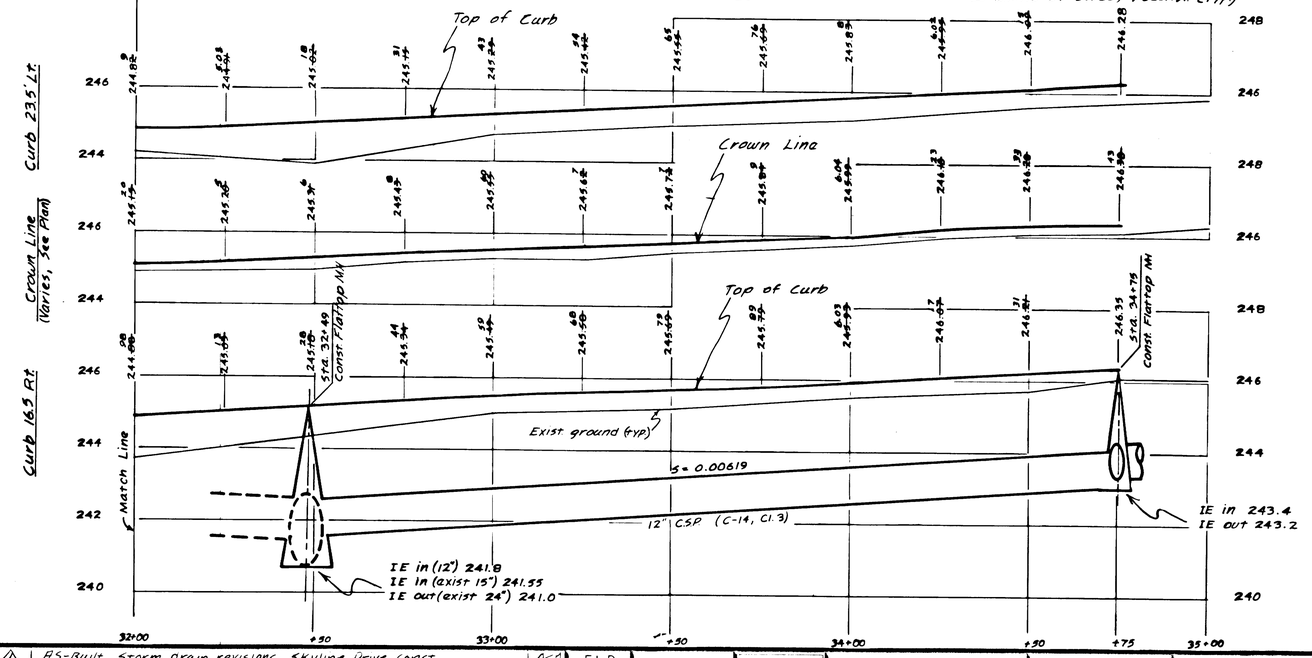
SHEET 6/11

SCALE AS SHOWN | DATE MAY, 1988 | FILE 87.713.250

PLAN
SCALE : 1" = 20'



PROFILE
SCALE : 1" = 20'



AS-BUILT, OCTOBER, 1988

REGISTERED PROFESSIONAL ENGINEER 4311 OREGON JULY 14, 1961 MARLIN J. DeHAAS

DATE	NO.	REVISIONS	BY
10/19/88	1	AS-Built Storm drain revisions, Skyline Drive const.	DEL/DEG
12/13/88	2	Revise street grades.	

E.L.D. DESIGNED — D.E.G. DRAWN — M.J.D. CHECKED — APPROVED — DATE 5/20/88

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

WEST A STREET STREET, STORM DRAIN, and BIKE PATH IMPROVEMENTS

PLAN & PROFILE
Sta. 32+00 – 34+75

SHEET 7/11

SCALE AS SHOWN | DATE MAY, 1988 | FILE 87.713.250