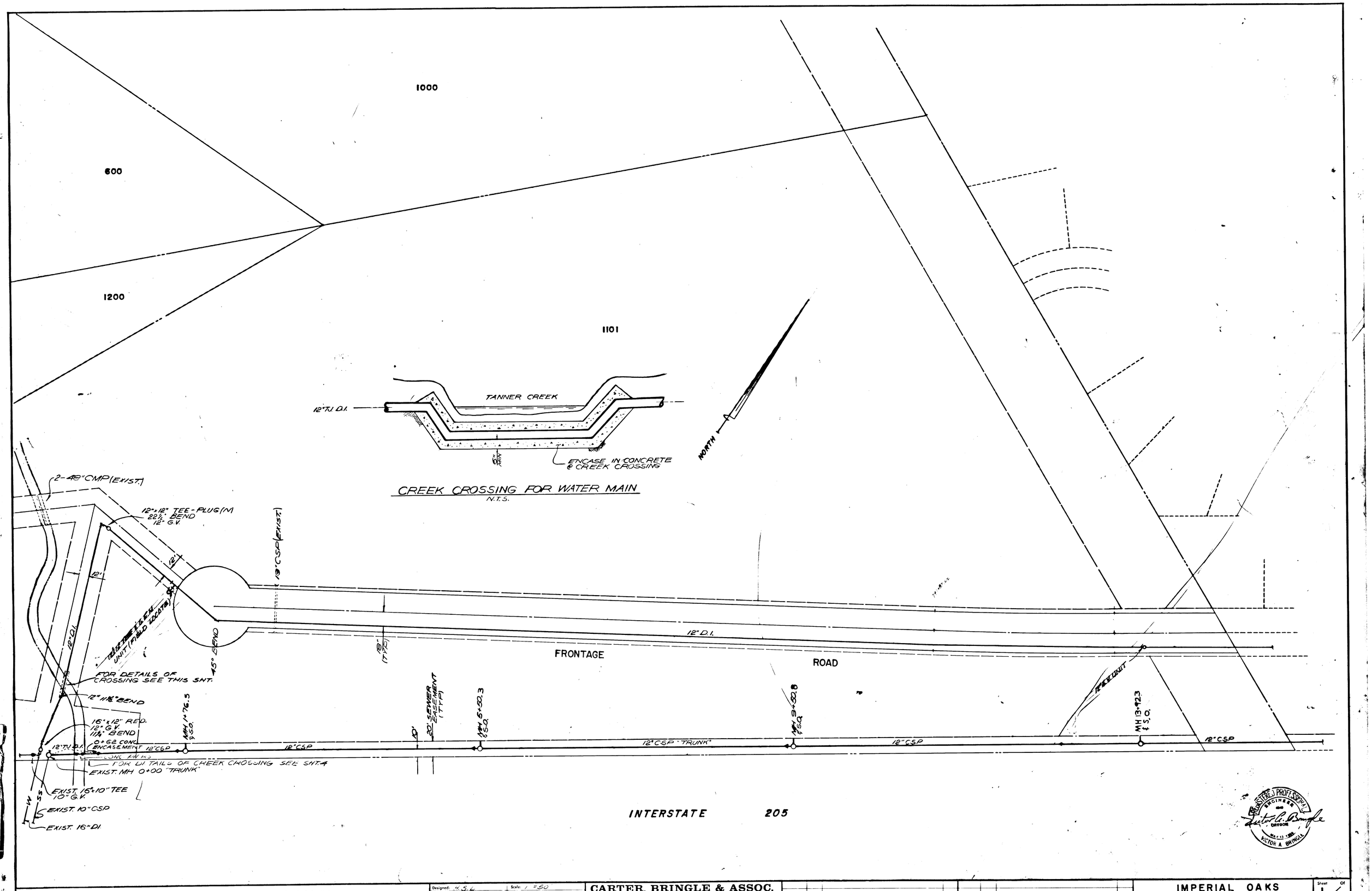

IMPERIAL OAKS

CITY OF WEST LINN	Designed: H.S.L. Drawn: L.S. Checked: Approved By:	Scale: 1" = 50' Date: Aug. 1977 File: 601-671	CARTER, BRINGLE & ASSOC. CONSULTING ENGINEERS 255 THE WATER TOWER PORTLAND, OREGON	10-6-78 Date	1 No.	AS CONSTRUCTED Revision	SB By	Date No. Revision By	IMPERIAL OAKS SANITARY SEWER AND WATER	Sheet 1 Of 14

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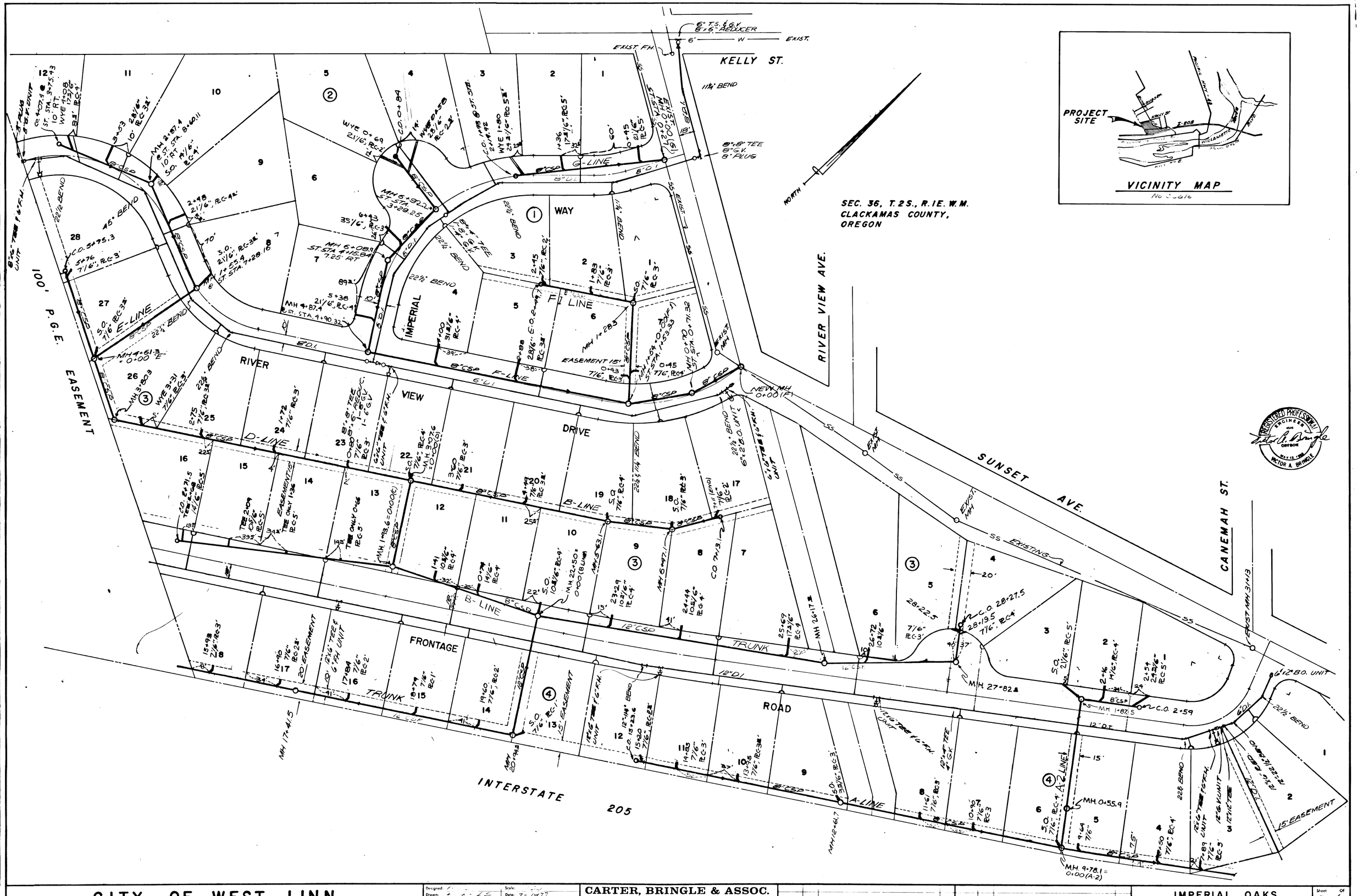

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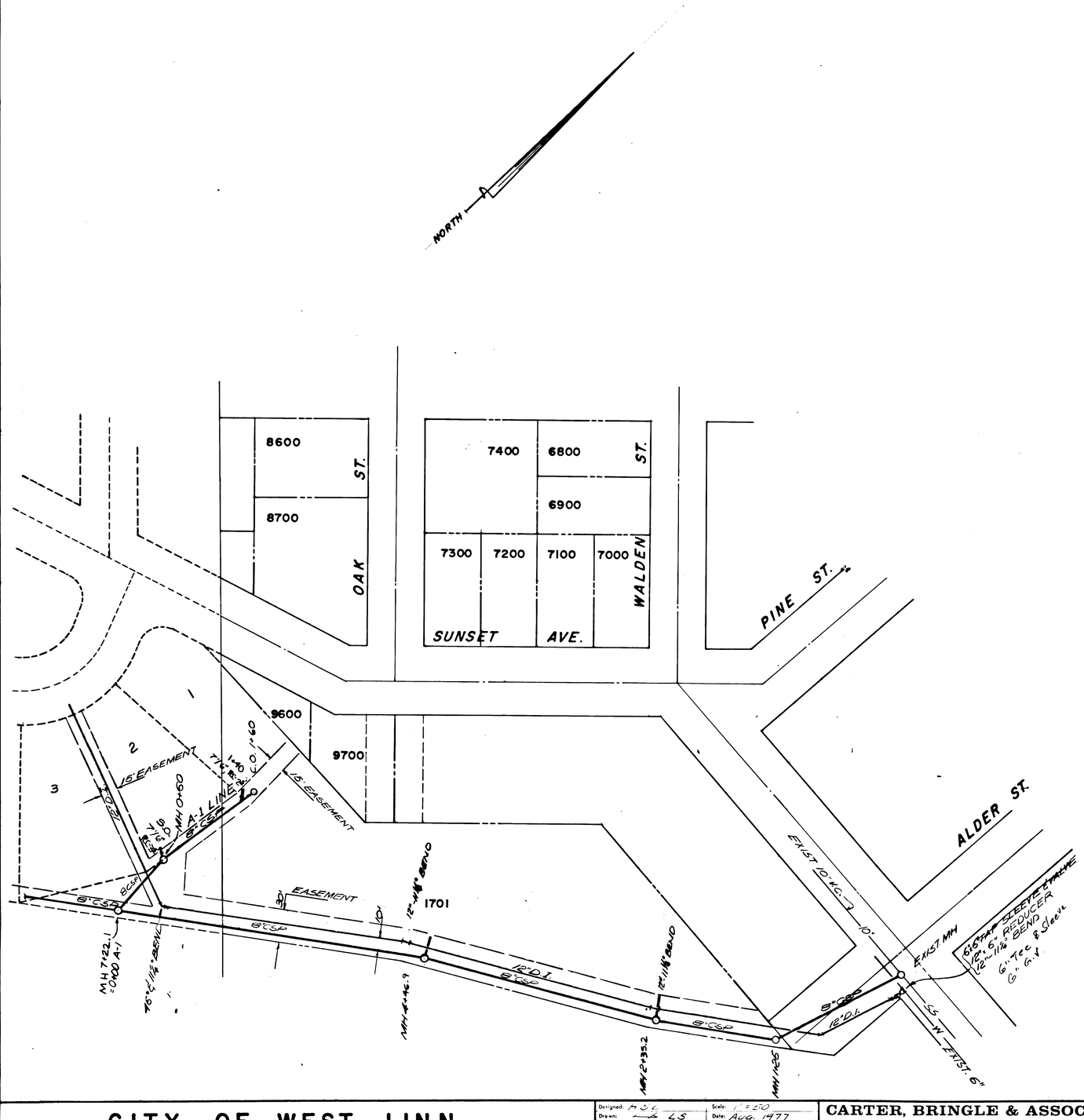

GENERAL NOTES

WATER

1. Water Service Pipe shall Be Type 'K' Copper With Compression Fittings
2. The Contractor Shall Furnish & Set The Meter Boxes For The Water Service
3. O.S.H.D. Bacteriological Tests Required on Water System
4. Select Backfill Material Required for Water Main Trenches within Roadway
5. Provide Concrete Thrust Blocking at All Tee's Bends and Dead Ends. Thrust Blocking To have a Minimum of 3 sq ft of Bearing Surface Against Undisturbed Soil
6. ..... Denotes ¾" Single Water Service Connection
7. >..... Denotes 1" Double Water Service Connection Split to ¾". Saddles Req'd. for 1" Dia Connect.
8. Ductile Iron Pipe Shall be Class 51 or 52
9. All Work shall be Done in Conformance with the Specifications of the City of West Linn
10. Angle Meter Stops at end of Water Service shall be 12" Below Top of Curb and 9" from Back of Curb. Mark Each Service W/White 2x4.
11. Fire Hyd. shall be "Waterous" Model WB-67 or Equal As Approved by City of West Linn
12. Water Services Provided by The City of West Linn

SANITARY SEWER

1. Concrete Sewer Pipe shall be ASTM, C-14, Class II, Class "B" Bedding
2. Concrete Pipe Joints C-443 W/Rubber Gaskets.
3. Field Locate All Wyes, Tees & House Branches.
4. All Work and Materials to Conform with City of West Linn Standards
5. All San. Sewer Services Shall have a Minimum of One 1/8 or 1/16 Bend Off Main Tee, Plus at Least Two Length of Pipe (7 ft.) No Plugged Tees will be Allowed
6. Sanitary Sewer Laterals to Drop 0.40' Into Manholes
7. Select Backfill Required in all Sanitary Sewer Trenches

REGISTERED PROFESSIONAL ENGINEER — VICTOR A. BRINGLE — OREGON — MAY 13, 1968

CITY OF WEST LINN	Designed: HSG Drawn: LS Checked: Approved By:	Scale: 1" = 50' Date: AUG. 1977 File: 601-671	CARTER, BRINGLE & ASSOC. CONSULTING ENGINEERS 255 THE WATER TOWER PORTLAND, OREGON	10-6-78 Date	1 No.	AS CONSTRUCTED Revision	SB By	Date	No.	Revision	By	IMPERIAL OAKS SANITARY SEWER AND WATER	Sheet 3 Of 14

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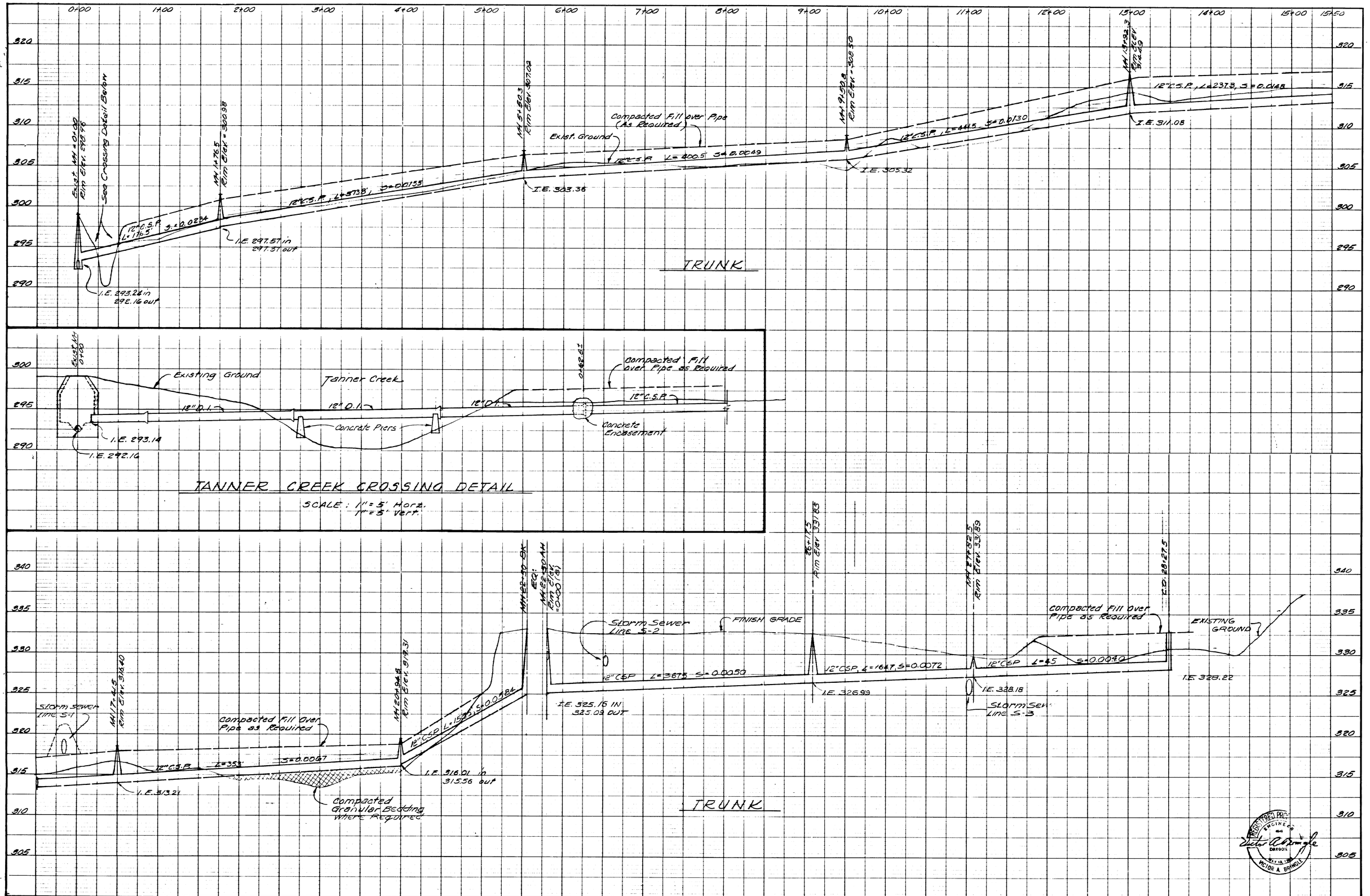

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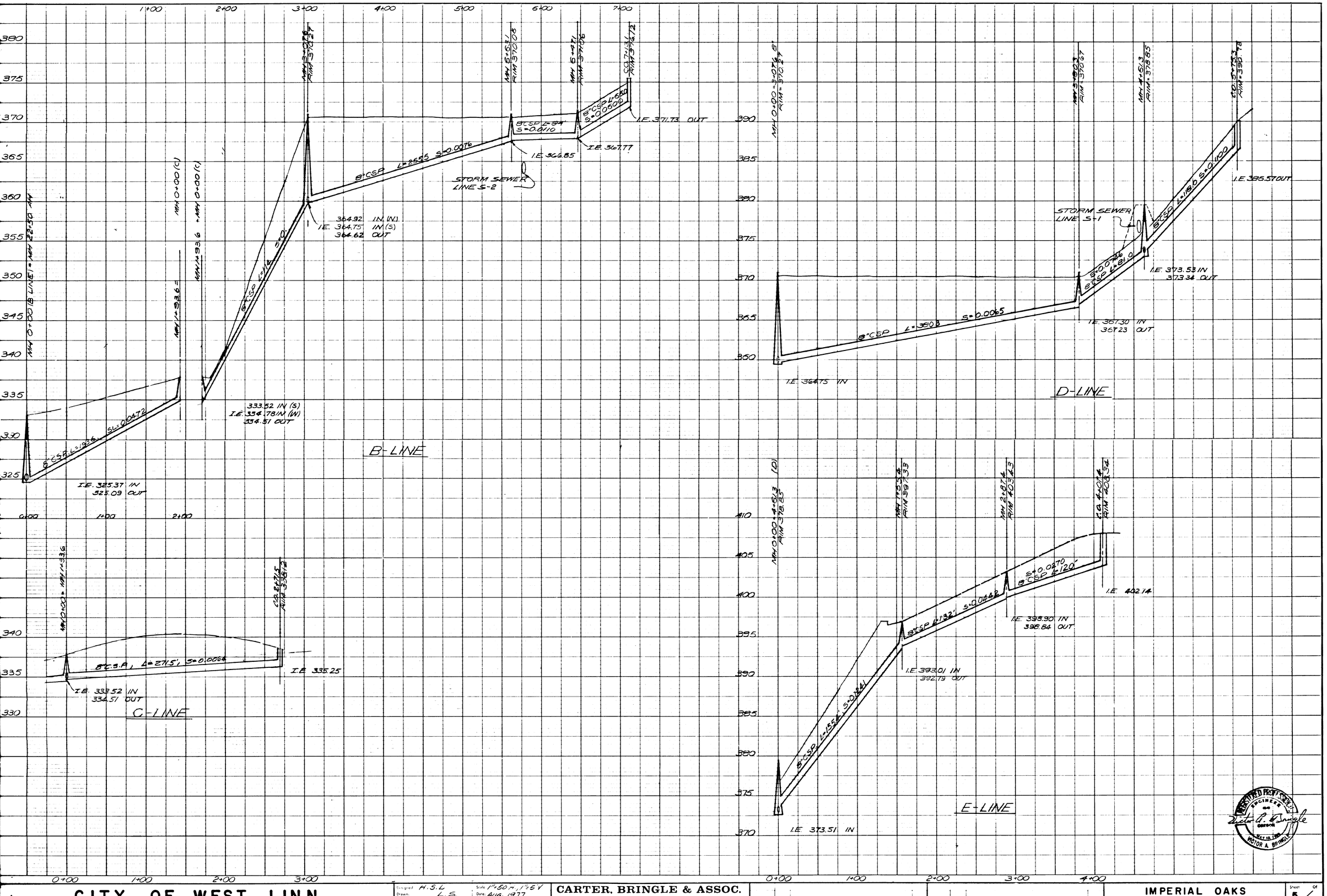
13308.04-C



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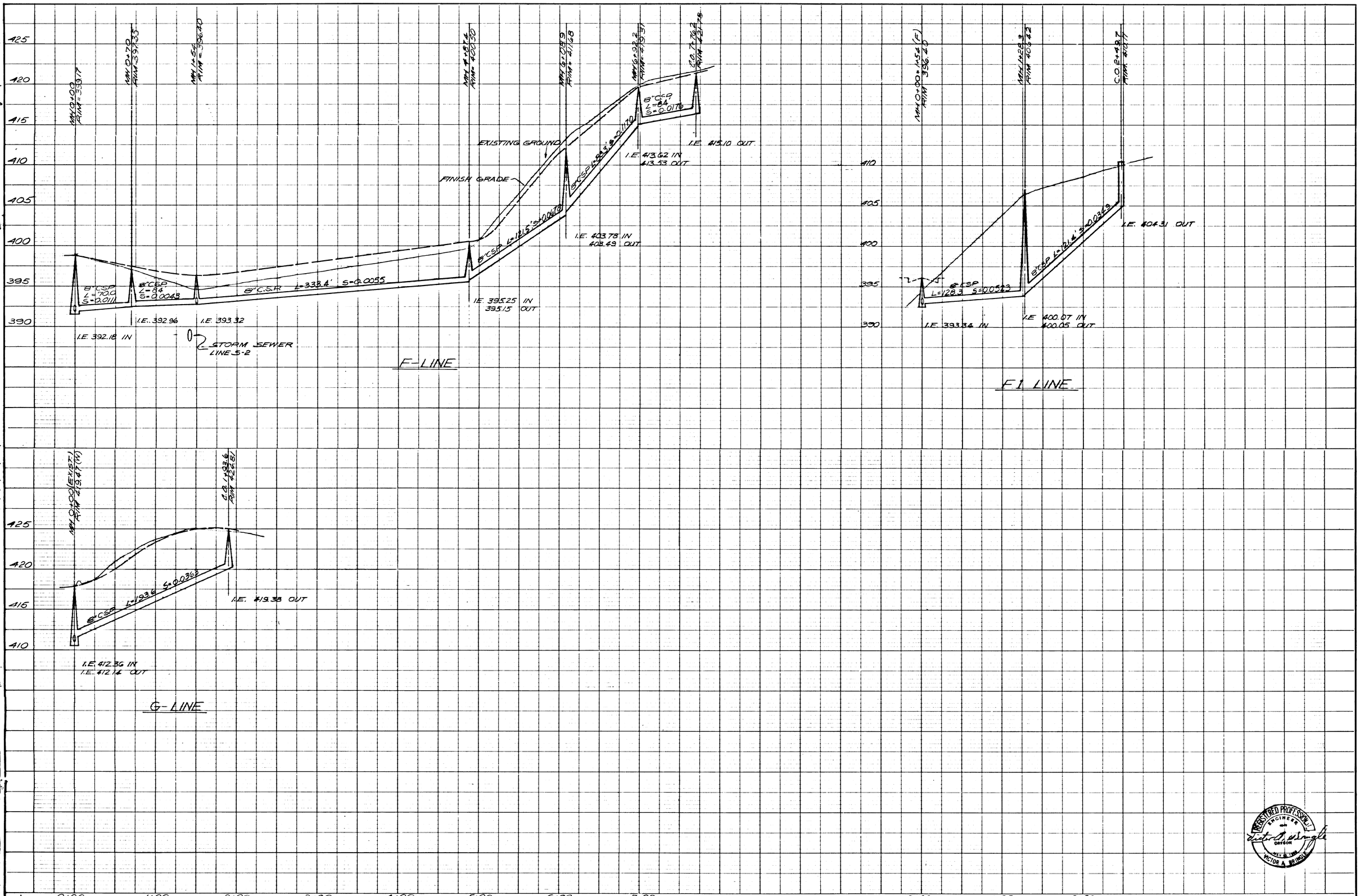

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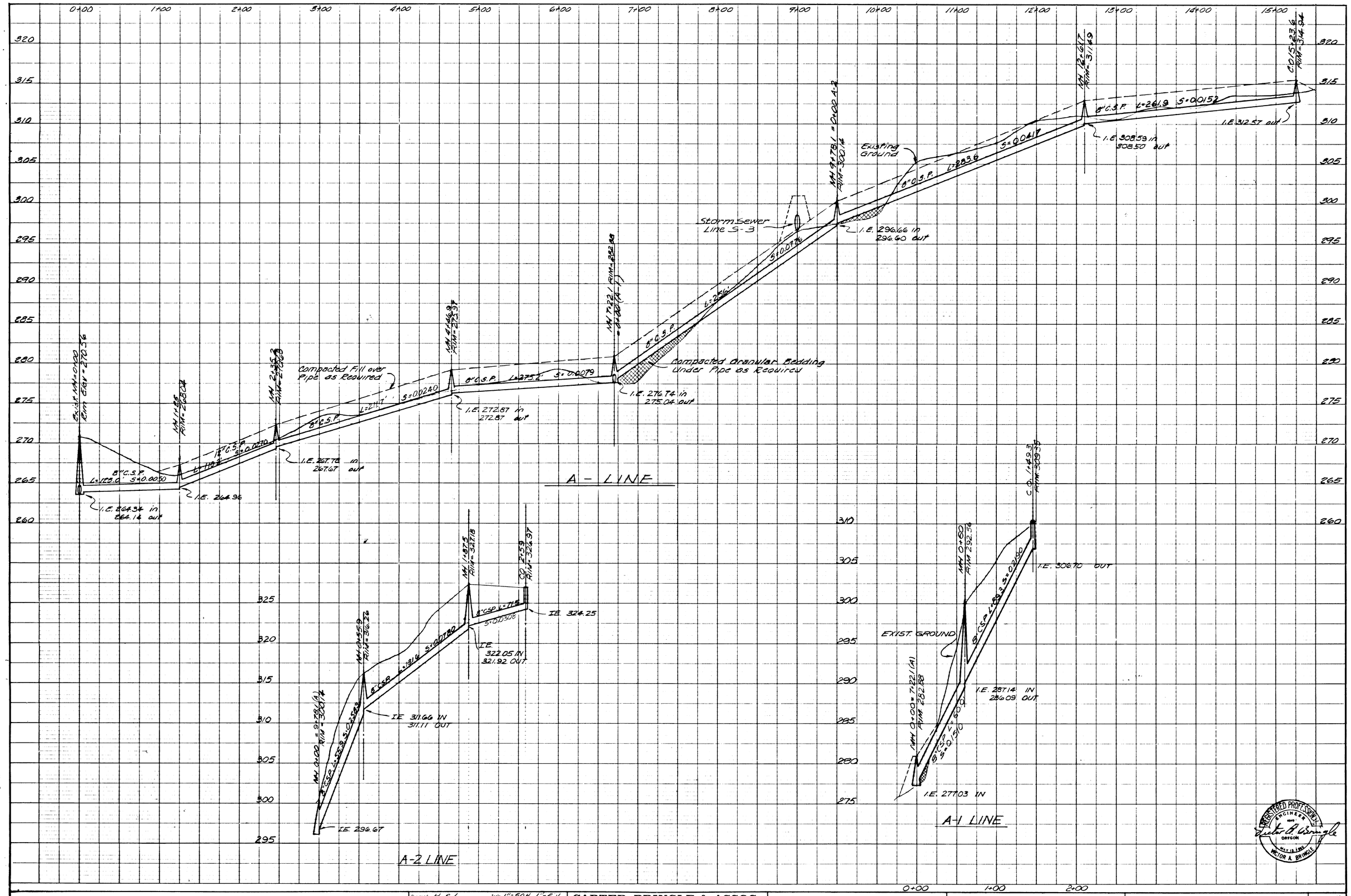

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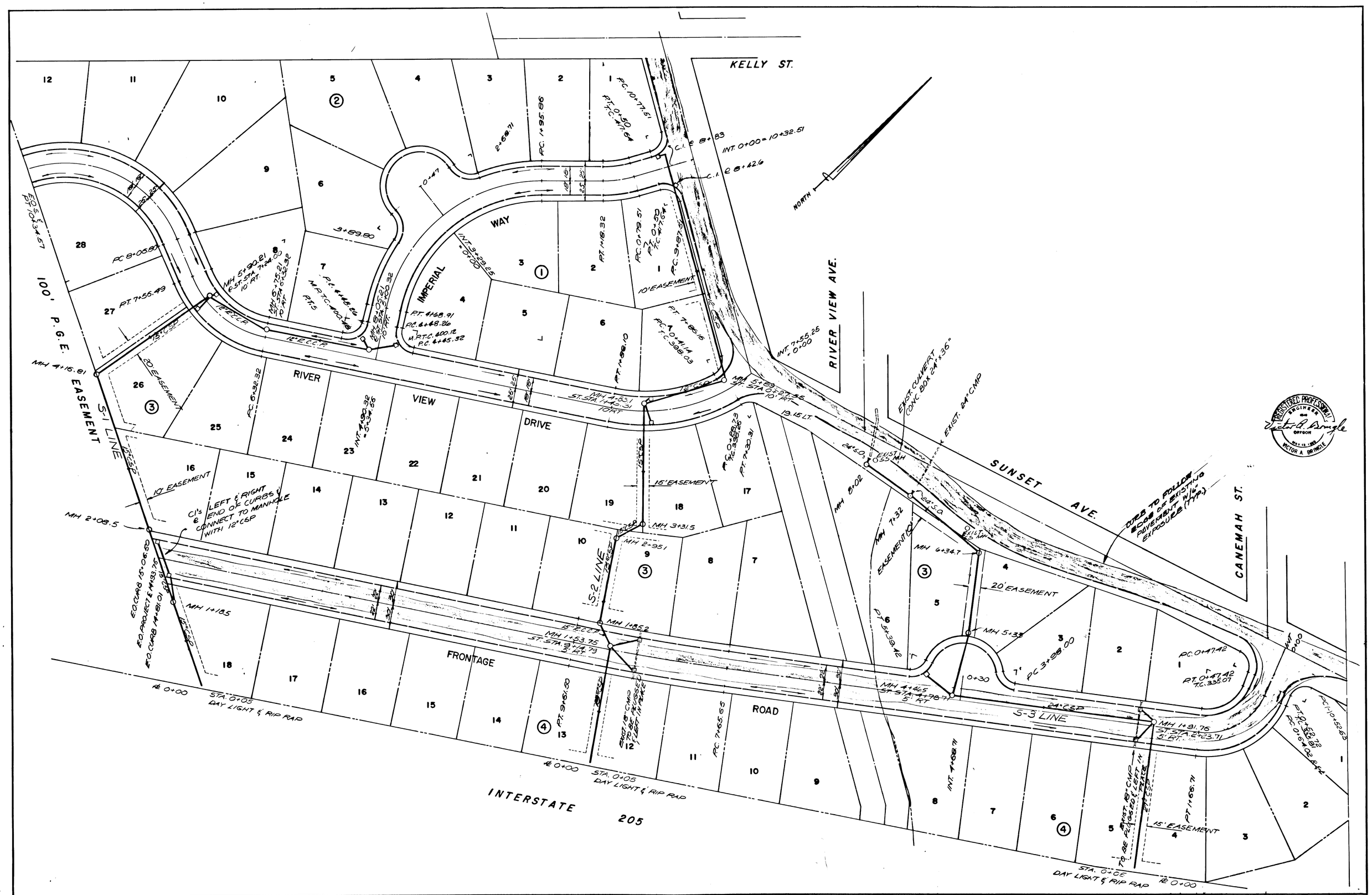

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IMPERIAL OAKS
STREET AND STORM DRAINAGE

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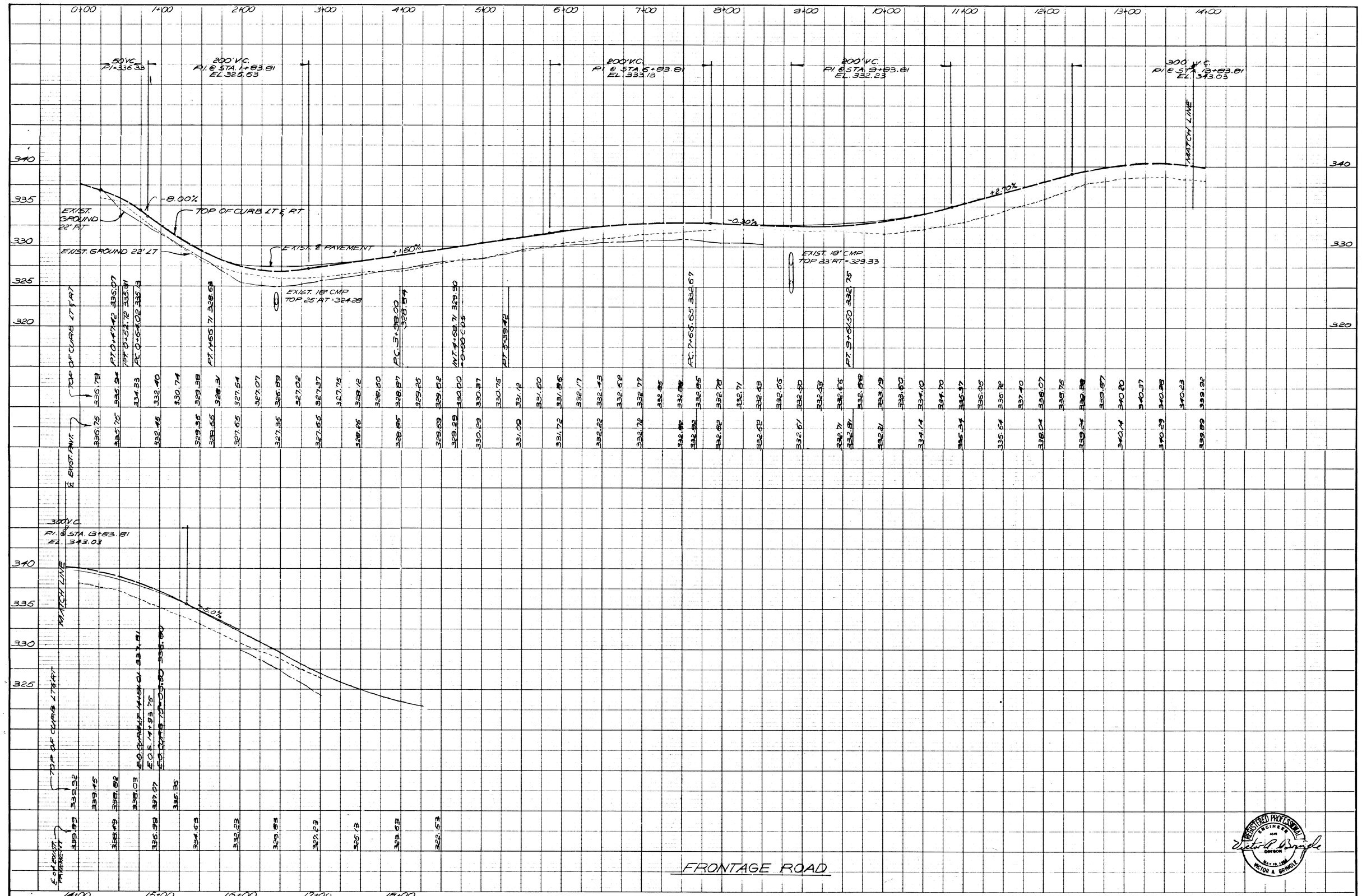

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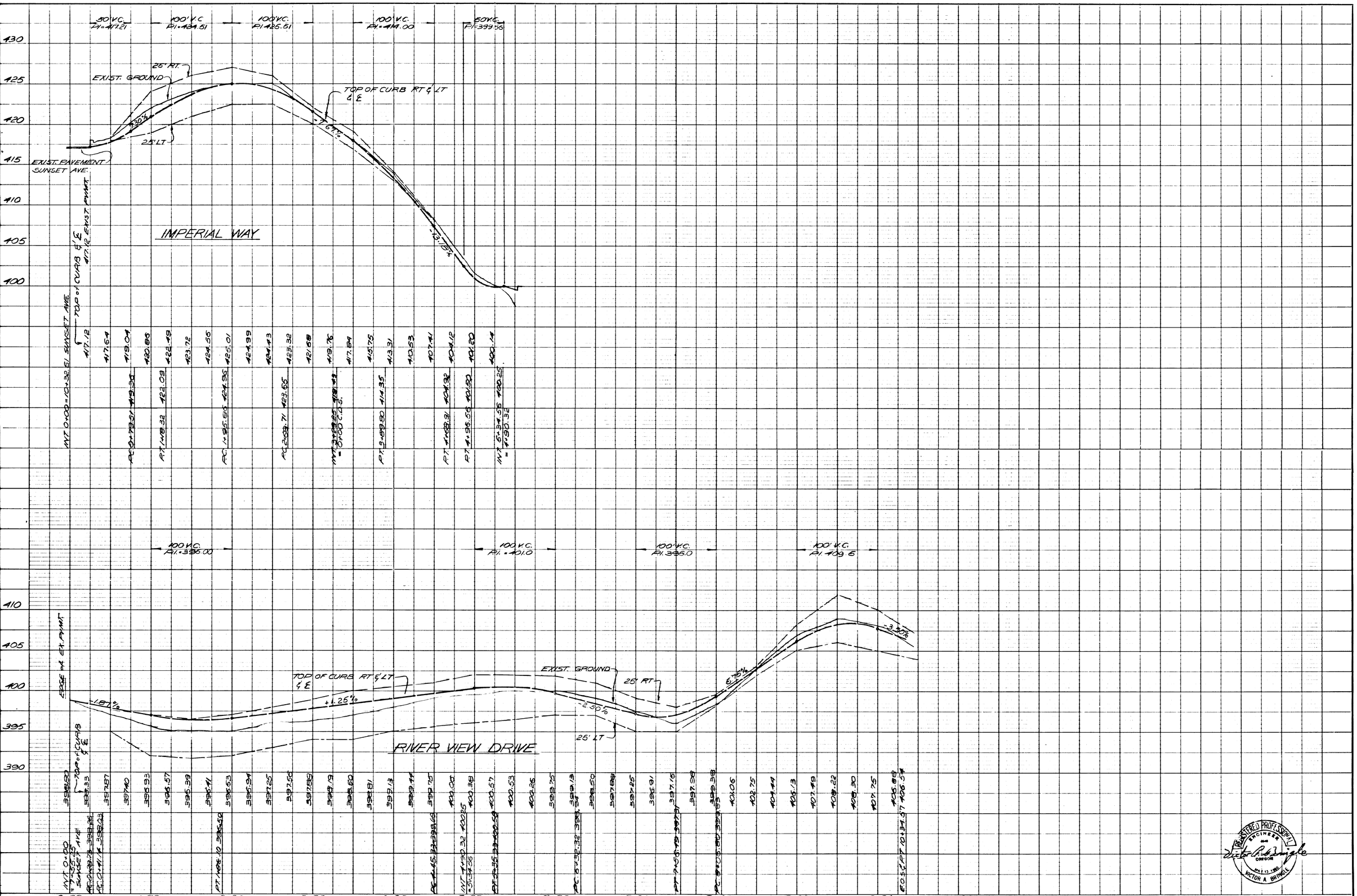

REGISTERED PROFESSIONAL ENGINEER OREGON VICTOR A. BRINGLE

CITY OF WEST LINN

Designed: H.S.L.
Drawn: L.S.
Checked:
Approved By:

Scale: 1"=50' H., 1"=5' V.
Date: AUG. 1977
File: 601-671

CARTER, BRINGLE & ASSOC.
CONSULTING ENGINEERS
255 THE WATER TOWER PORTLAND, OREGON

Date	No.	Revision	By
10.6.78	1	AS CONSTRUCTED	S.B.

IMPERIAL OAKS STREET AND STORM DRAIN

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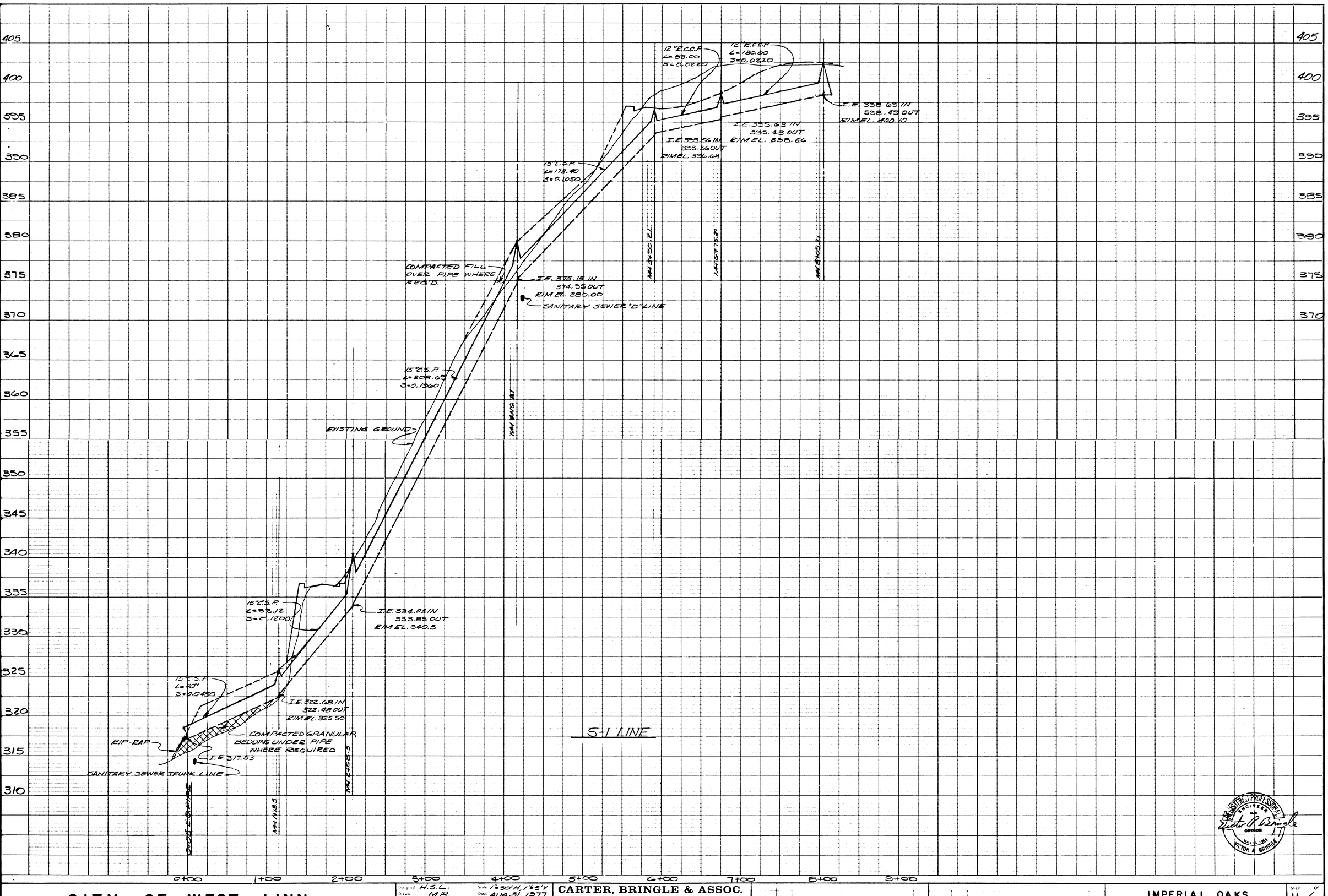

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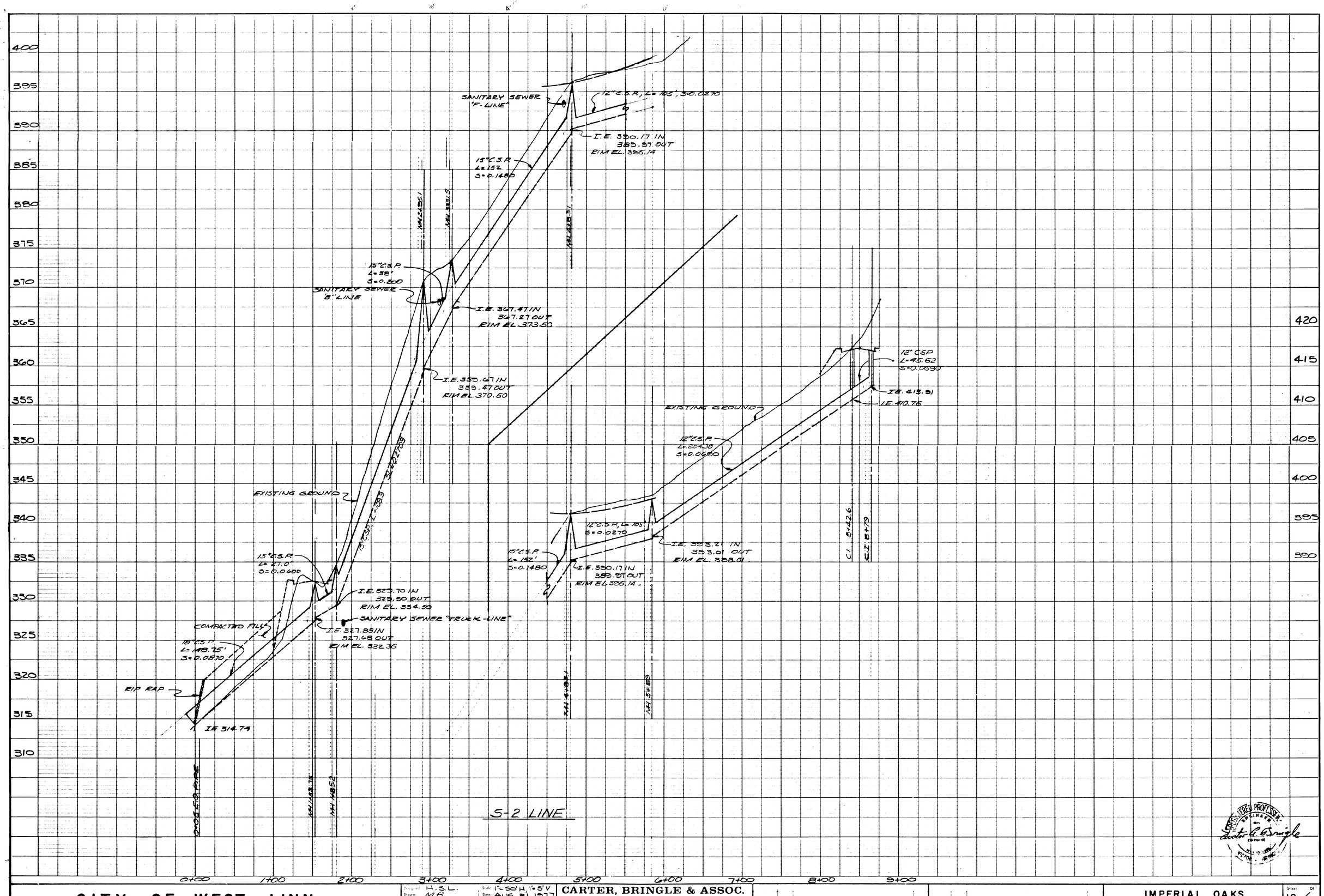

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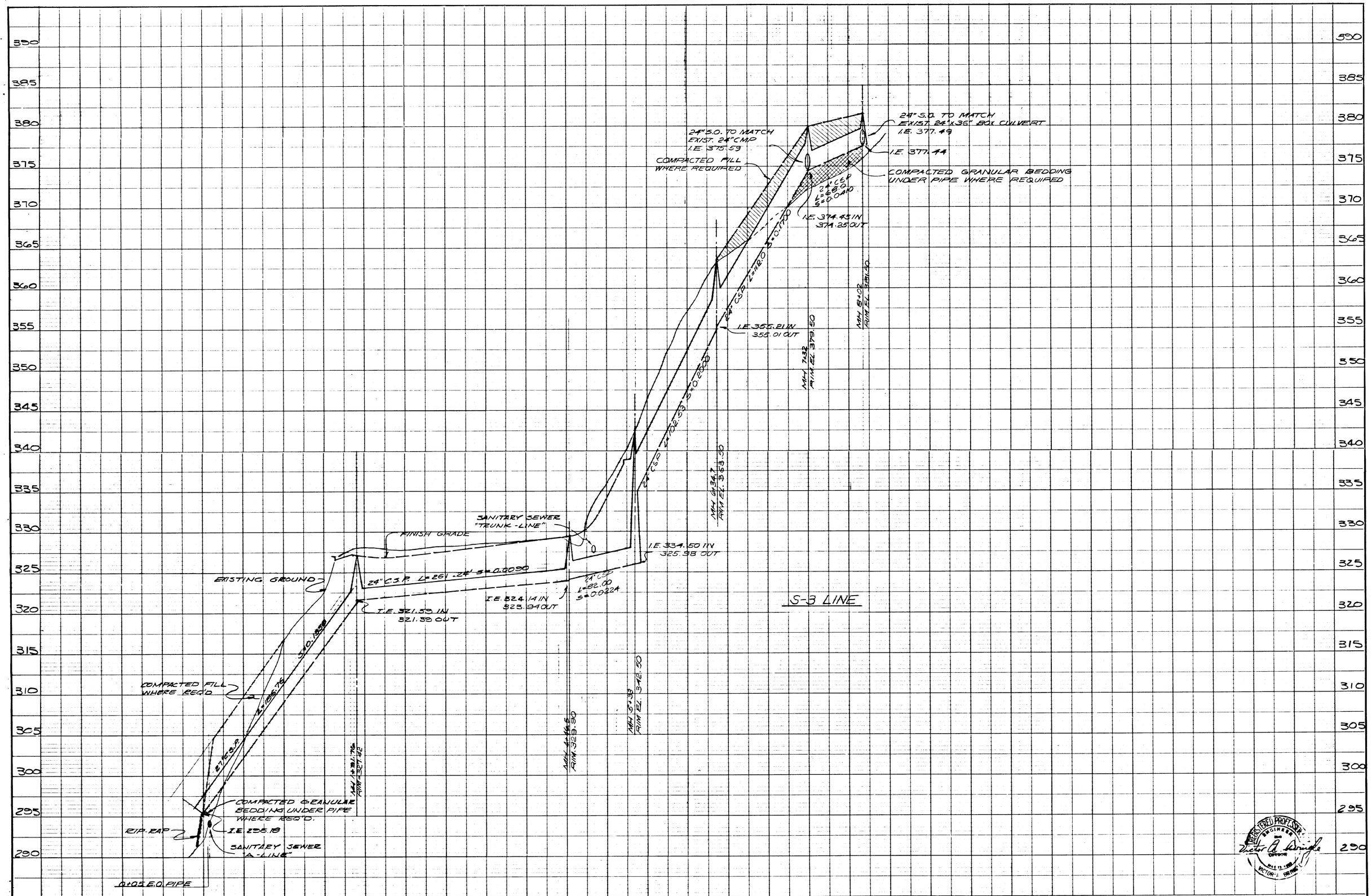

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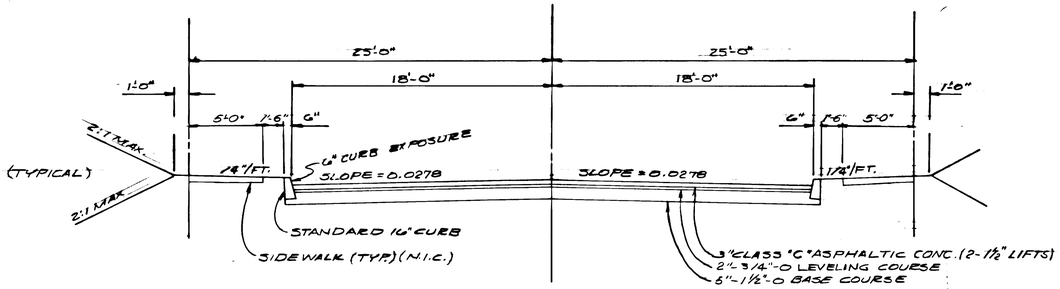
GENERAL NOTES (ROADWAY)

1. All Fill Areas Within Roadway Rights of Way to be Placed so as to Achieve a Min. Relative Density Equal to 95% Proctor Optimum.
2. Driveway Drops in Curbs to be Preplaned Where Practical
3. Grading and Paving Details to Conform to Street Section Details as Shown on Plans
4. All work to Conform to the City of West Linn Standards and Specification

STORM DRAINAGE

1. Concrete Sewer Pipe (C.S.P.) to be A.S.T.M. C-14 Class II, Class "B" Bedding
2. Concrete Pipe Joints to be Tongue and Groove Unless Otherwise Noted
3. Two (2) 4" Dia. Curb Face Outlets Required per Lot.
4. Catch Inlet Laterals to Drop 0.30' Into Menholes. Minimum for Catch Inlet Lateral = 0.50%
5. Catch Inlet Laterals shall be 12" Dia. CSP Unles Noted Otherwise
6. Select Backfill Required in Trenches Within Roadway Rights of Way
7. All Work to Conform to the City of West Linn Standards and Specifications.



TYPICAL STREET SECTION

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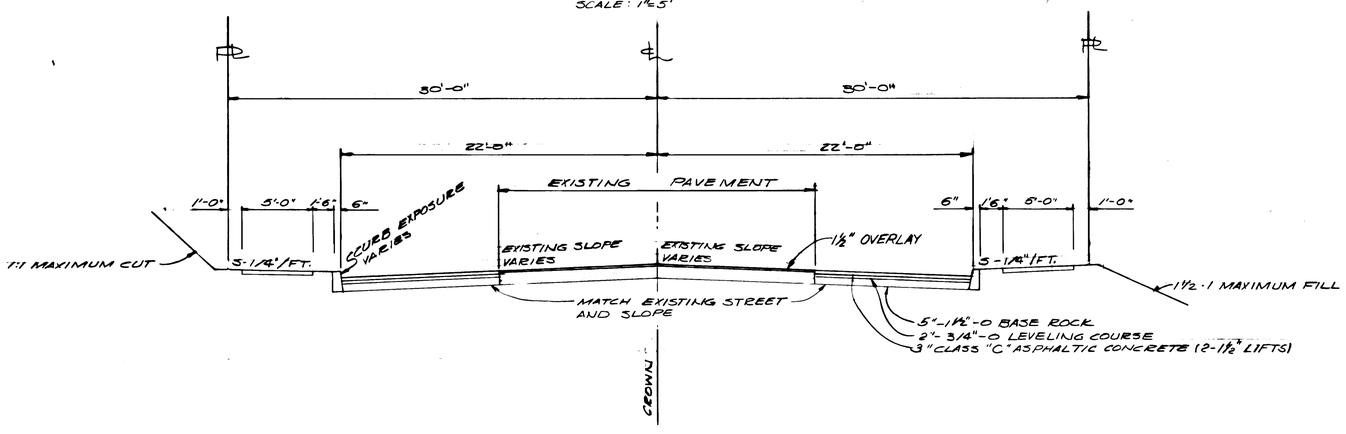

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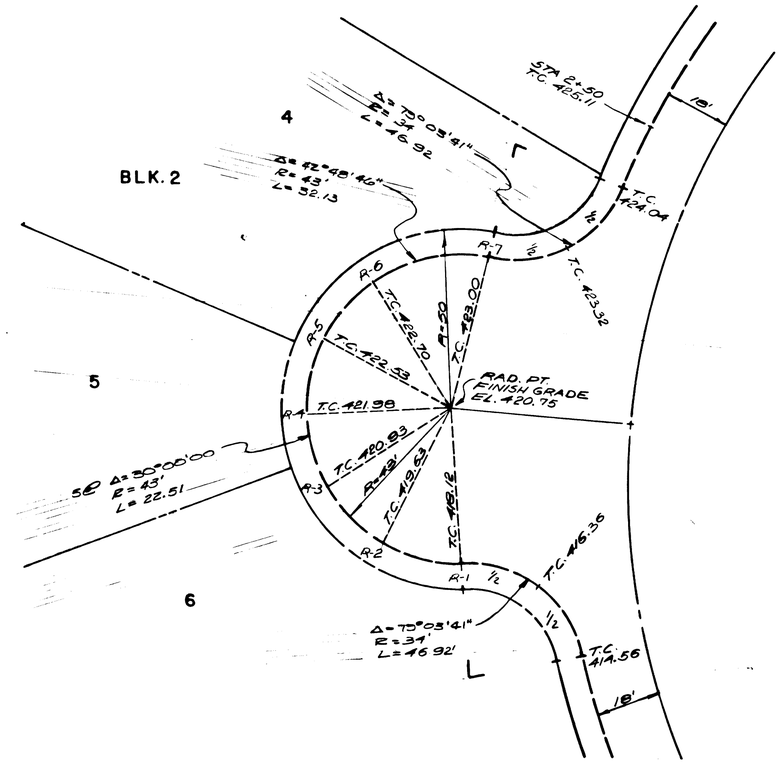

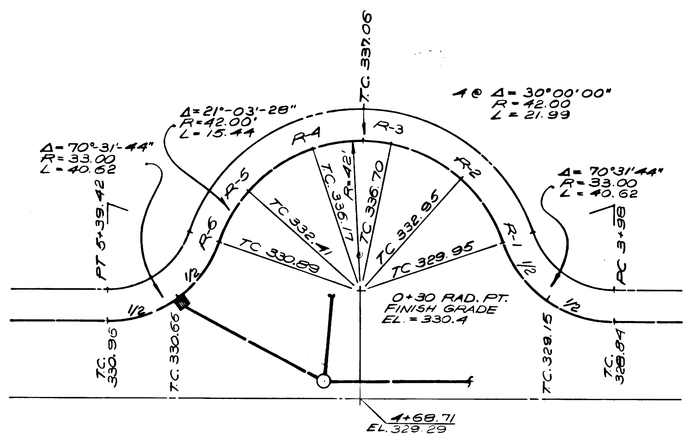

REGISTERED PROFESSIONAL ENGINEER
OREGON
VICTOR A. BRINGLE

CITY OF WEST LINN	Designed: H.S.L. Drawn: M.R. Checked: Approved By:	Scale: AS NOTED Date: SEPT. 2, 1977 File: 601-671	CARTER, BRINGLE & ASSOC. CONSULTING ENGINEERS 255 THE WATER TOWER PORTLAND, OREGON	10-6-78 Date	1 No.	AS CONSTRUCTED Revision	SB By	Date	No.	Revision	By	IMPERIAL OAKS STREET AND STORM DRAIN	Sheet 14 Of 14

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