site work construction plans

WEST LINN LIBRARY

WEST LINN, OREGON

AS-BUILT 1-10-90

VICINITY MAP

PRIEST-ENGINEERING, INC.
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CITY OF WEST LINN

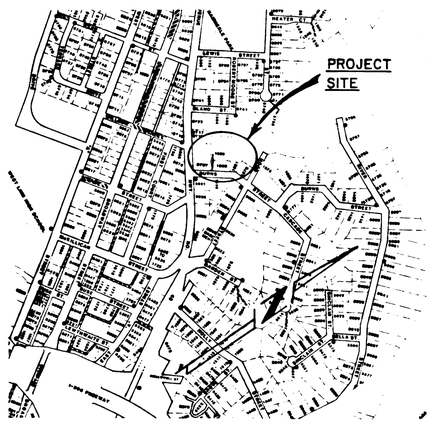
22825 WILLAMETTE DRIVE

WEST LINN, OREGON 97068

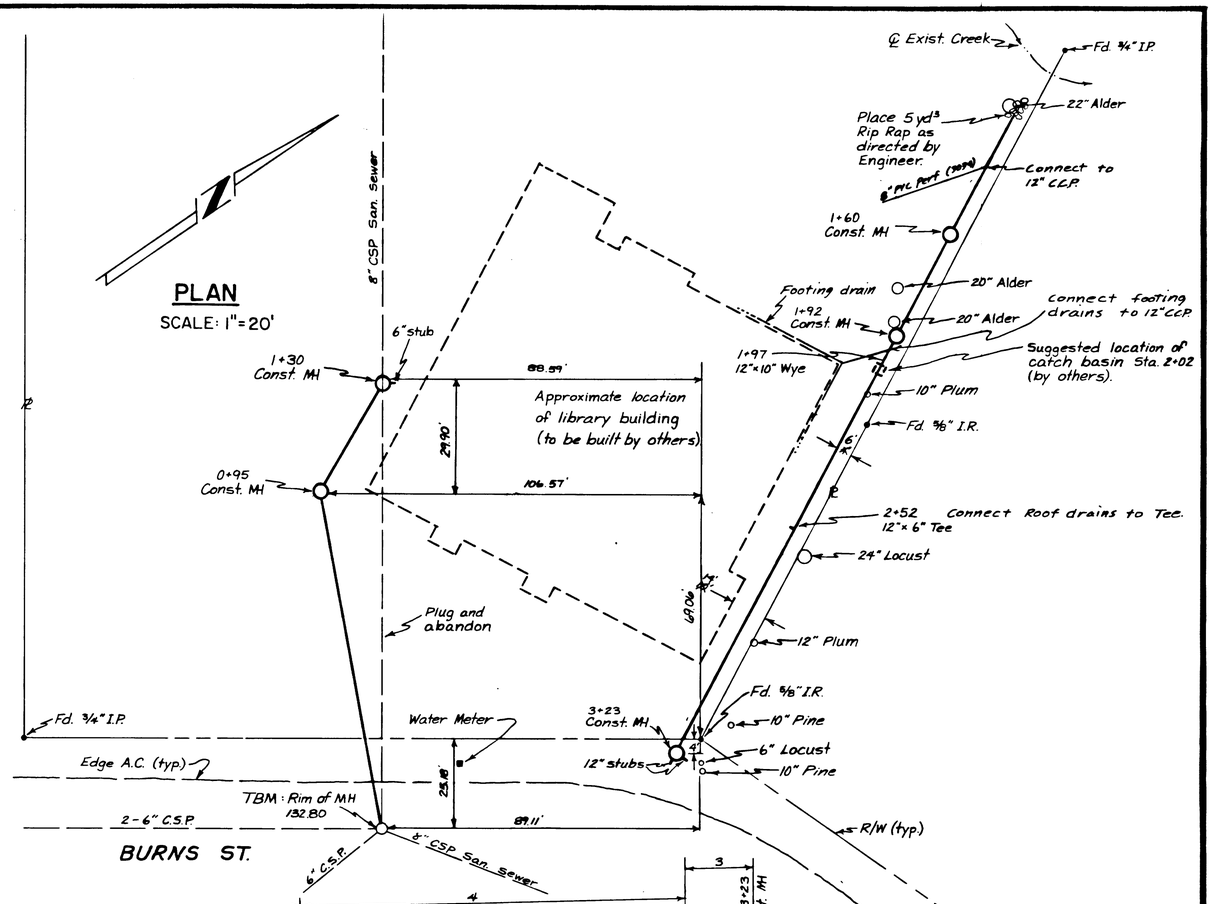
CITY OF WEST LINN

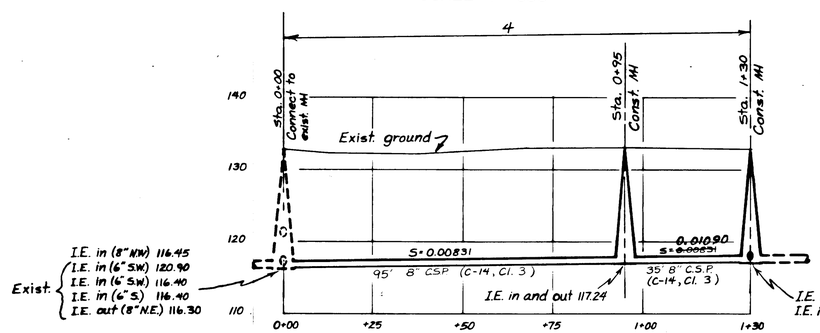
LIBRARY IMPROVEMENTS
SANITARY SEWER
STORM DRAIN
DEMOLITION

WEST LINN, OREGON
DECEMBER, 1988

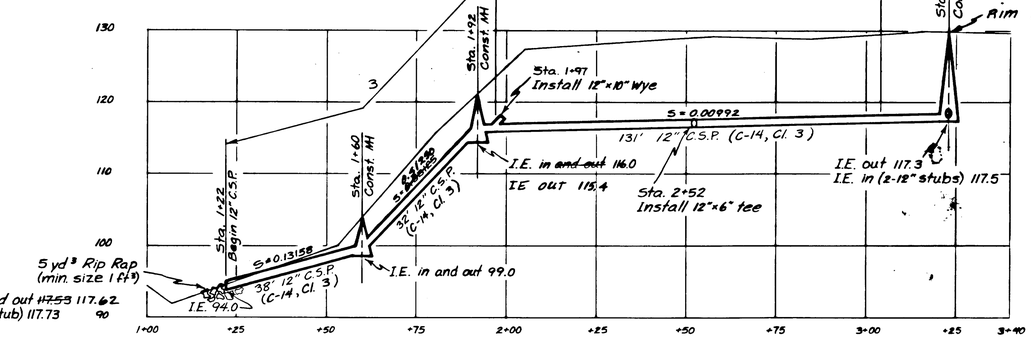


VICINITY MAP
SCALE: 1" = 550'





SANITARY SEWER PROFILE
SCALE: Horiz. 1" = 20'
Vert. 1" = 10'



STORM DRAIN PROFILE
SCALE: Horiz. 1" = 20'
Vert. 1" = 10'

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

AS-BUILT AUG, 1989

DATE	NO.	REVISIONS	BY
9/15/89	1	As-Built revs	VED
9/22/89	2	Add Perf, Footing drain & roof drain information.	VED
10/10/89	1	As-Builts	

T.D.K. DESIGNED — T.D.K. DRAWN — M.J.D. CHECKED — APPROVED — DATE 12/19/88

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

WEST LINN LIBRARY IMPROVEMENTS

SHEET 1/2

SCALE AS SHOWN | DATE DEC., 1988 | FILE 88.838.250

CURB CURVE DATA

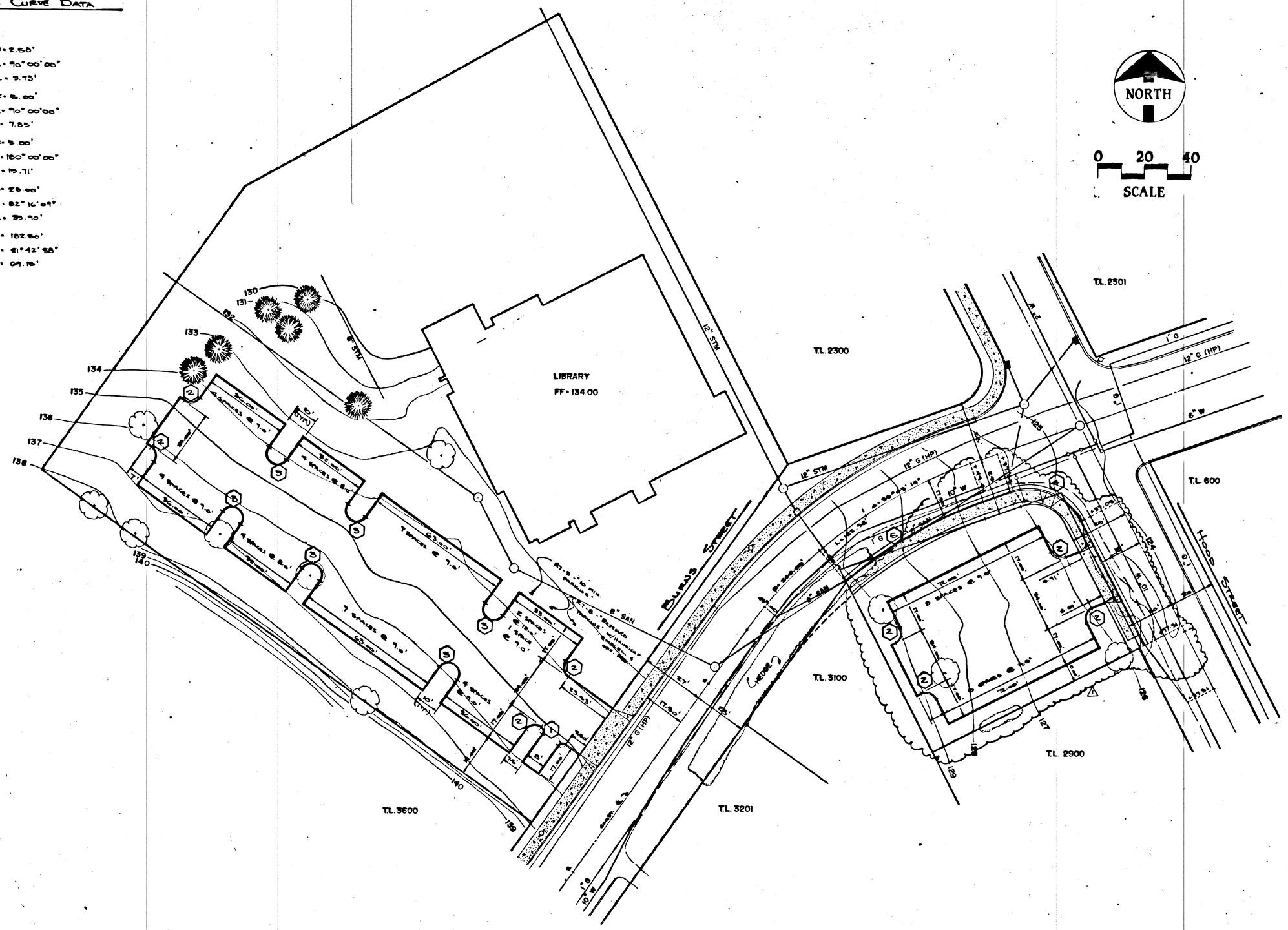
(1) R = 2.50'
Δ = 90° 00' 00"
L = 3.93'

(2) R = 5.00'
Δ = 90° 00' 00"
L = 7.85'

(3) R = 5.00'
Δ = 180° 00' 00"
L = 15.71'

(4) R = 26.00'
Δ = 82° 16' 09"
L = 35.90'

(5) R = 182.50'
Δ = 21° 42' 55"
L = 69.15'



AS-BUILT 1-10-90

Date	Revision	By
11-7-89	△ REVISED PER CITY OF WEST LINN	RBP
1-10-90	AS-BUILT	KBS

Design	RBP	Date	10/89
Drawn	RBP	Date	10/89
Checked	RBP	Date	10/89

PRIEST-ENGINEERING, INC.
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REGISTERED PROFESSIONAL ENGINEER 12,192 OREGON JULY 15, 1970 ROY J. PRIEST

CITY OF WEST LINN
22825 WILLAMETTE DRIVE
WEST LINN, OREGON 97068

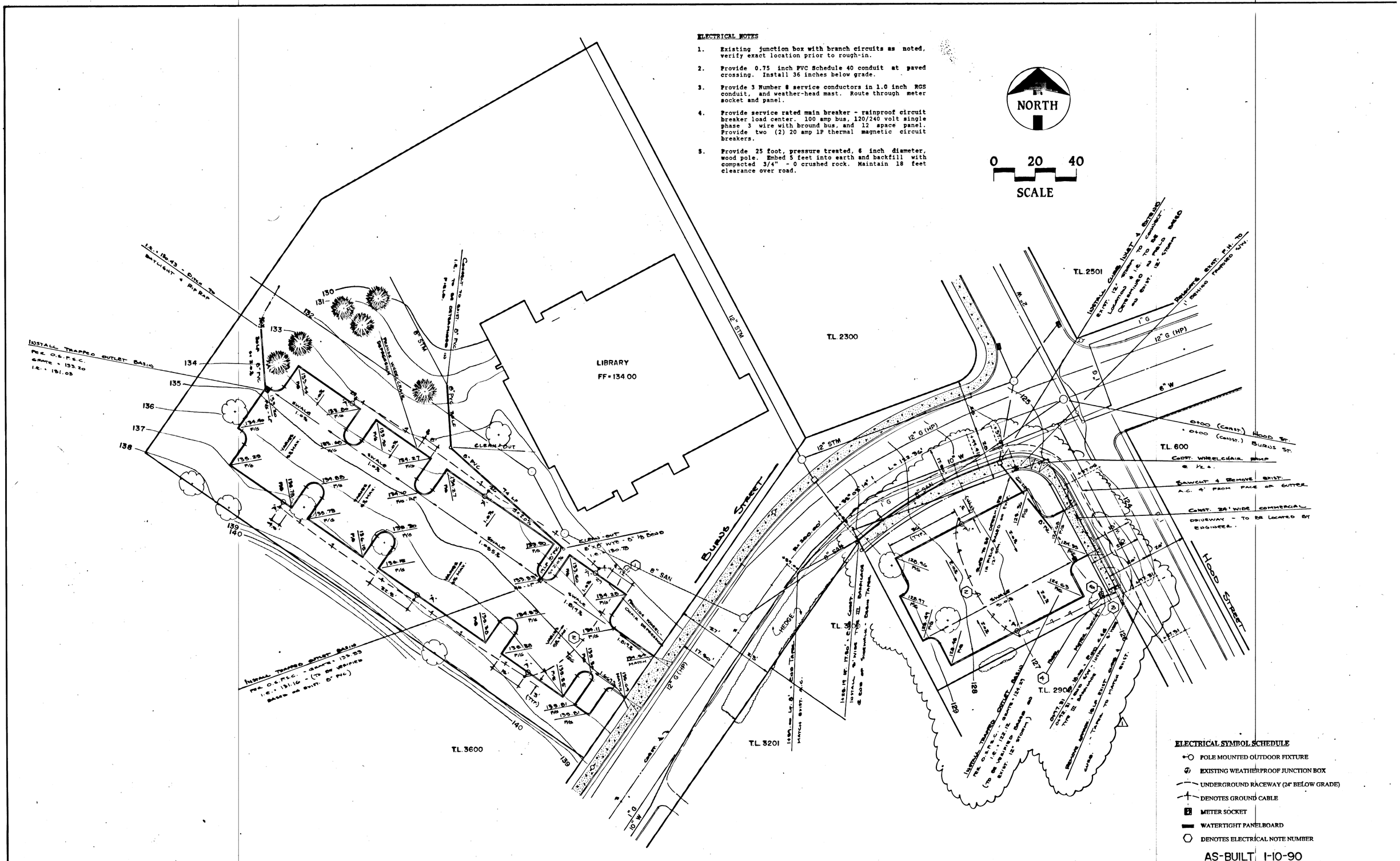
WEST LINN LIBRARY
WEST LINN, OREGON
HORIZONTAL CONTROL PLAN

SHEET NO. 1

PROJECT NO. 823-0201

ELECTRICAL NOTES

1. Existing junction box with branch circuits as noted, verify exact location prior to rough-in.
2. Provide 0.75 inch PVC Schedule 40 conduit at paved crossing. Install 36 inches below grade.
3. Provide 3 Number 8 service conductors in 1.0 inch RGS conduit, and weather-head mast. Route through meter socket and panel.
4. Provide service rated main breaker - rainproof circuit breaker load center. 100 amp bus, 120/240 volt single phase 3 wire with bround bus, and 12 space panel. Provide two (2) 20 amp 1P thermal magnetic circuit breakers.
5. Provide 25 foot, pressure treated, 6 inch diameter, wood pole. Embed 5 feet into earth and backfill with compacted 3/4" - 0 crushed rock. Maintain 18 feet clearance over road.



Date	Revision	By
11-7-89	△1 Revised per City of West Linn	RJP
1-10-90	As-Built	KSS

Design	Date
RJP	10/89
Drawn	Date
RJP	10/89
Checked	Date
RJP	10/89

PRIEST-ENGINEERING, INC.
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REGISTERED PROFESSIONAL ENGINEER 12,192 OREGON JULY 15, 1980 ROY J. PRIEST

CITY OF WEST LINN

22825 WILLAMETTE DRIVE

WEST LINN, OREGON 97068

WEST LINN LIBRARY

WEST LINN, OREGON

GRADING AND DRAINAGE PLAN

SHEET NO. 2

PROJECT NO. 323-0201

GENERAL NOTES:

1. All work shall conform to these plans, the City of West Linn Street/Utility Design and Construction Standards, and the "1980 Standard Specification for Public Works Construction", Oregon Chapter of the APWA, for work within the public right-of-way; and the Oregon State Plumbing Specialty Code (O.S.P.S.C.) for work outside of the public right-of-way.

2. All earthwork shall comply with APWA Division II, Section 24, for work within the public right-of-way; and Section 204 of the Uniform Building Code for work outside of the public right-of-way.

3. The Contractor shall remove and dispose of all cleared and grubbed material and excess excavation, including but not limited to soil, soil aggregate, trees, stumps, limbs, roots, brush, and debris. All cleared and grubbed material and excess excavation shall be disposed of off the site in accordance with all state, federal, and local regulations. No on-site disposal of cleared and grubbed material is allowed.

4. All existing utilities shown are from record and the Contractor shall expose these for verification prior to connection or construction.

5. Pipe and fittings used within the public right-of-way on this project shall conform to the following sections of the Standard Specifications:

   STORM SEWER: Within paved areas - 305.2.04 (18" diameter and smaller) Class 2. 305.2.05 (21" diameter and larger) Class III.

   Pipe and fittings used outside of the public right-of-way on this project shall conform to the requirements of the Oregon State Plumbing Specialty Code.

6. Wheelchair ramps are to be constructed at the locations indicated on the plans.

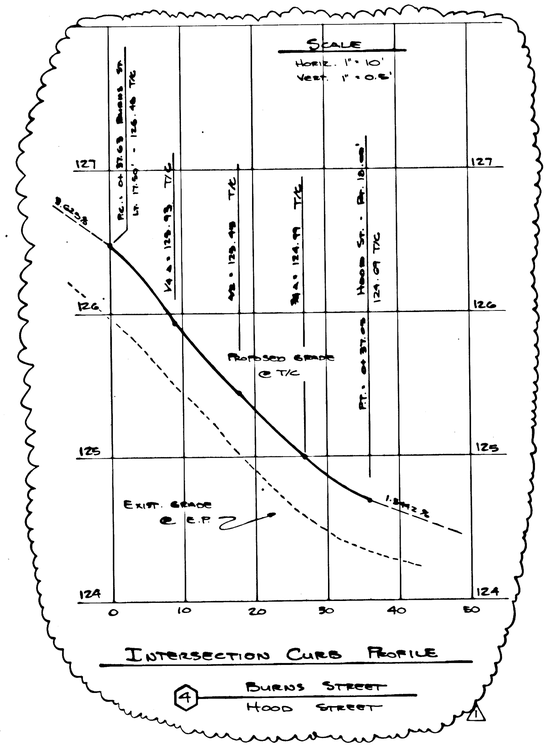
7. Subgrade and aggregate base (prior to paving) shall be proof rolled, in the presence of the Engineer and the City of West Linn, using a 10-yard dump truck loaded with 3/4" -0 crushed rock.

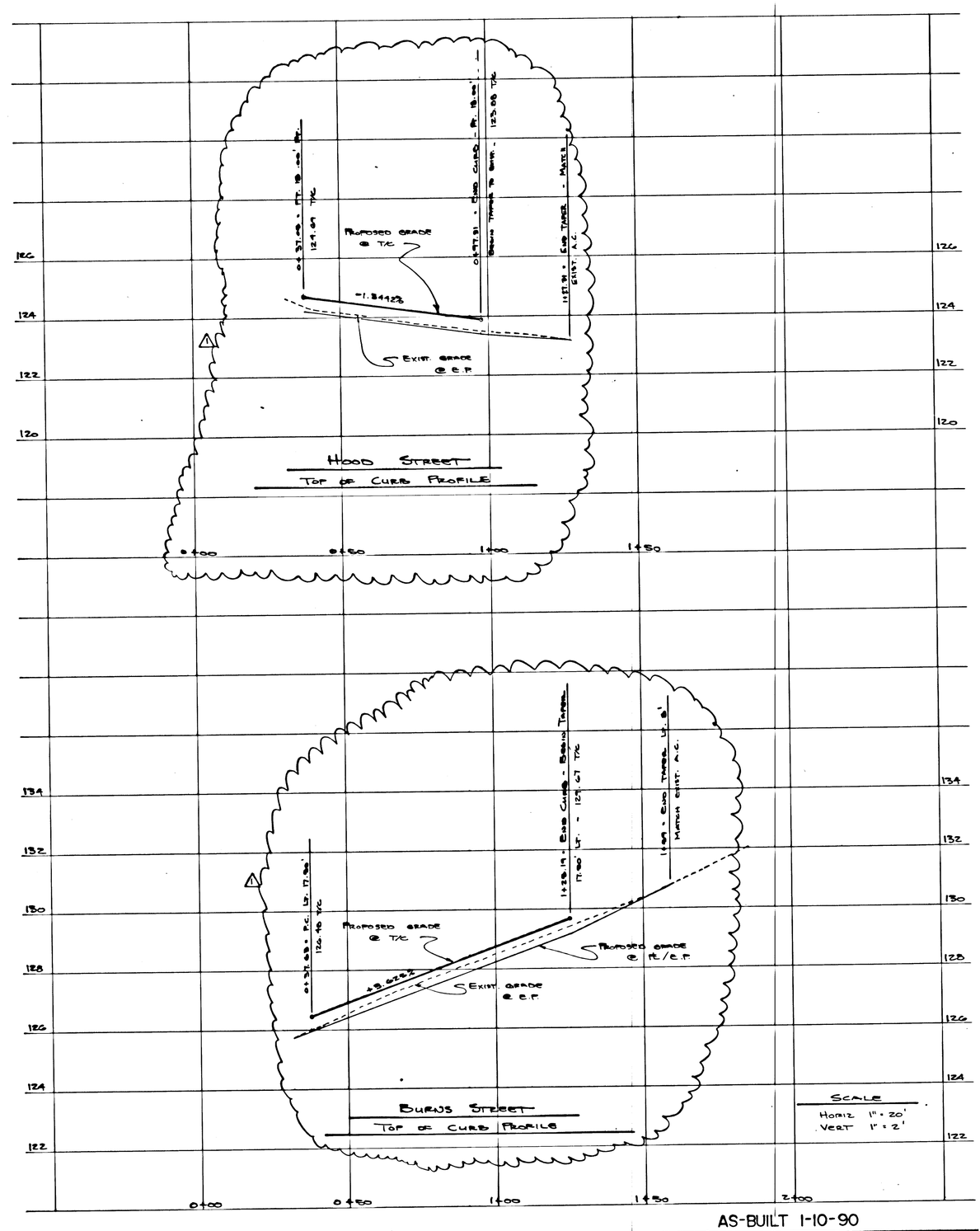
STORM SEWER NOTES:

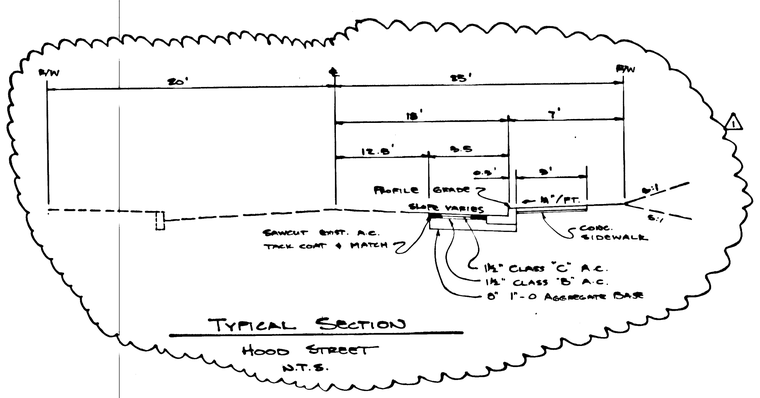
1. Pipe bedding shall conform to the material requirements of APWA Division III, Section 301.2.02 for 3/4" -0 crushed rock.

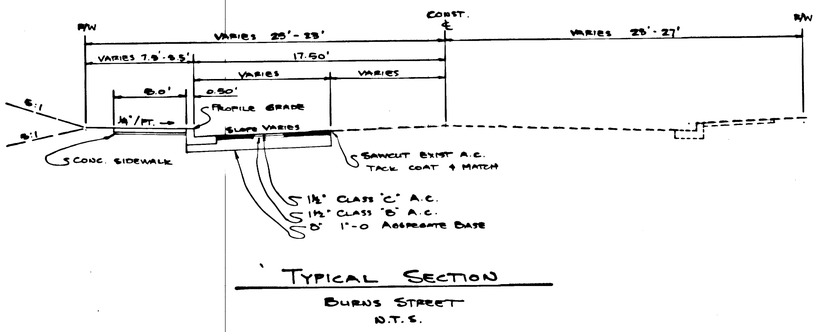
2. Backfill for trenches within the right-of-way and paved areas of the parking lots shall conform to the material requirements of APWA Division III, Section 301.2.04B for 1-1/2" -0 crushed rock. (Class "B" backfill)

3. Trenches outside the right-of-way and outside of paved areas of the parking lot may be backfilled with material excavated from the trench in accordance with APWA Division III, Section 301.2.04A. (Class "A" backfill.









AS-BUILT 1-10-90

Date	Revision	By
11-7-89	△1 REVISED PER CITY OF WEST LINN	RJP
1-10-90	AS-BUILT	KSS

Design	Date
RJP	10/89
Drawn	Date
RJP	10/89
Checked	Date
RJP	10/89

PRIEST ENGINEERING, INC.
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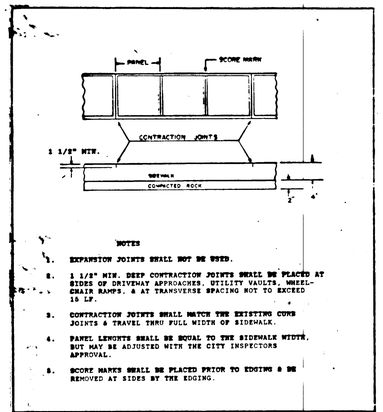
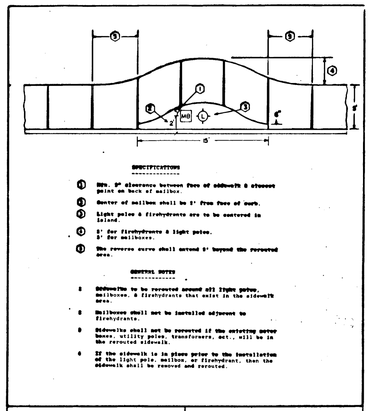
REGISTERED PROFESSIONAL ENGINEER 12,192 OREGON JULY 18, 1989 ROY J. PRIEST

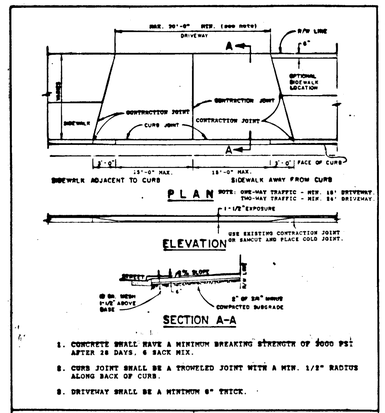
CITY OF WEST LINN
22825 WILLAMETTE DRIVE
WEST LINN, OREGON 97068

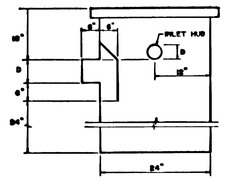
WEST LINN LIBRARY
WEST LINN, OREGON
PROFILES AND NOTES

SHEET NO. 3
PROJECT NO. 323-0201



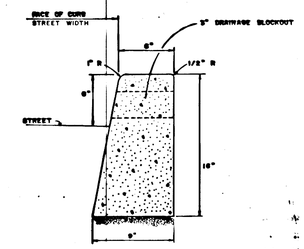




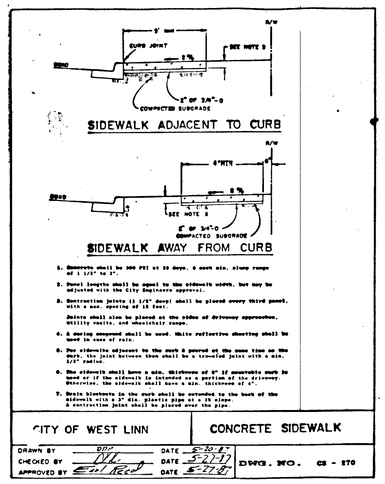


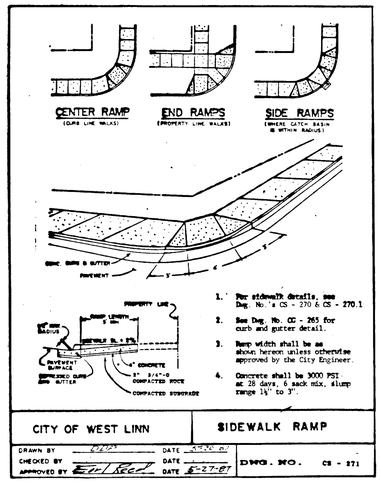
1. CATCH BASIN CONSTRUCTION TO CONFORM TO O.S.P.S.C.
2. D = PIPE DIA. SPECIFIED ON PLANS.
3. INLET/OUTLET HUB FLUSH WITH INTERIOR WALL.
4. OUTLET BAFFEL 8" WIDER THAN OUTLET HUB DIA.
5. GRATE TO SUPPORT HS-20 TRAFFIC LOADS.

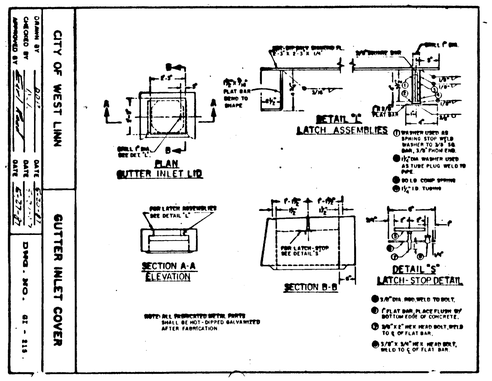
CATCH BASIN DETAIL
TRAPPED OUTLET
N.T.S.

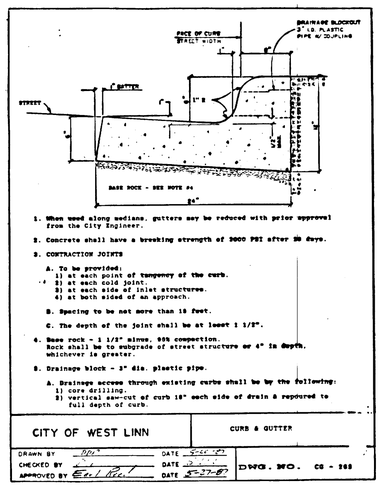


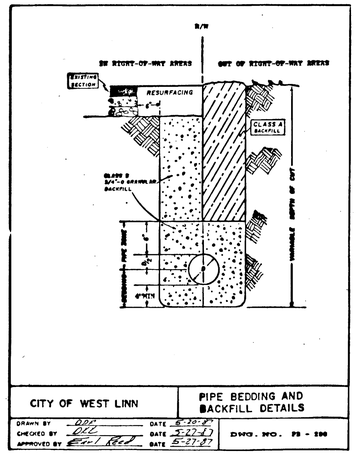
1. CONCRETE TO HAVE A BREAKING STRENGTH OF 3000 P.S.I. AFTER 28 DAYS.
2. CUT-IN JOINTS
   A. TO BE PROVIDED:
      1) AT EACH POINT OF TANGENCY OF THE CURB.
      2) ON EACH SIDE OF INLETS.
      3) AT EACH END OF WHEELCHAIR RAMPS.
      4) AT EACH END OF DRIVEWAYS.
      5) AT LOCATIONS NECESSARY TO LIMIT SPACING TO 15 FEET
   B. DEPTH OF JOINT SHALL BE AT LEAST 1.5 INCHES.
3. DRAINAGE BLOCKOUT - 3" PLASTIC PIPE.

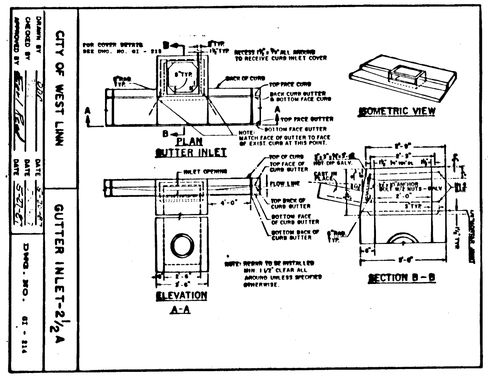


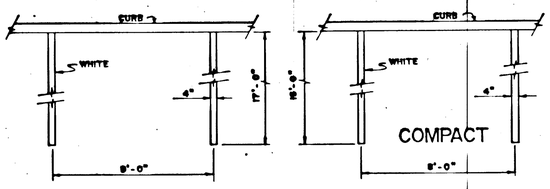




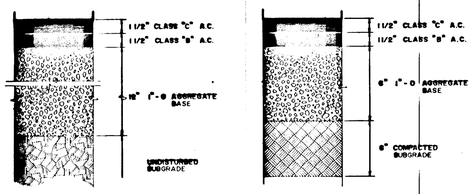








TYPICAL PARKING STRIPING
N.T.S.



TYPICAL PAVEMENT SECTIONS
N.T.S.

AS-BUILT 1-10-90

Date	Revision	By
1-10-90	AS-BUILT	KSS

Design BJP	Date 10/89
Drawn BJP	Date 10/87
Checked BJP	Date 10/87

PRIEST-ENGINEERING, INC.
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REGISTERED PROFESSIONAL ENGINEER 12,192 OREGON JULY 15, 1983 ROY J. PRIEST

CITY OF WEST LINN
22825 WILLAMETTE DRIVE
WEST LINN, OREGON 97068

WEST LINN LIBRARY
WEST LINN, OREGON
DETAILS

SHEET NO. 4
PROJECT NO. 323-0201