

SPECIAL NOTE:
 A WATER PRESSURE REGULATOR SHALL BE INSTALLED IN THE BUILDING SERVICE WHEN THE WATER PRESSURE AT THE METER EXCEEDS 80 P.S.I. AS DETERMINED BY THE CITY OF WEST LINN WATER DEPARTMENT. TYPE 'K' COPPER PIPE SHALL BE INSTALLED BETWEEN THE METER AND THE PRESSURE REGULATOR. USE WATTS MODEL U-135B 3/4" PRESSURE REGULATOR, OR APPROVED EQUAL.

NOTE #1
 N.T.S.
 FIRE HYDRANT RELOCATED 4/19/82 DR.

E LINE
 Flood Study
 8/6/5

DEDICATED OPEN SPACE
 (TO CITY OF WEST LINN)

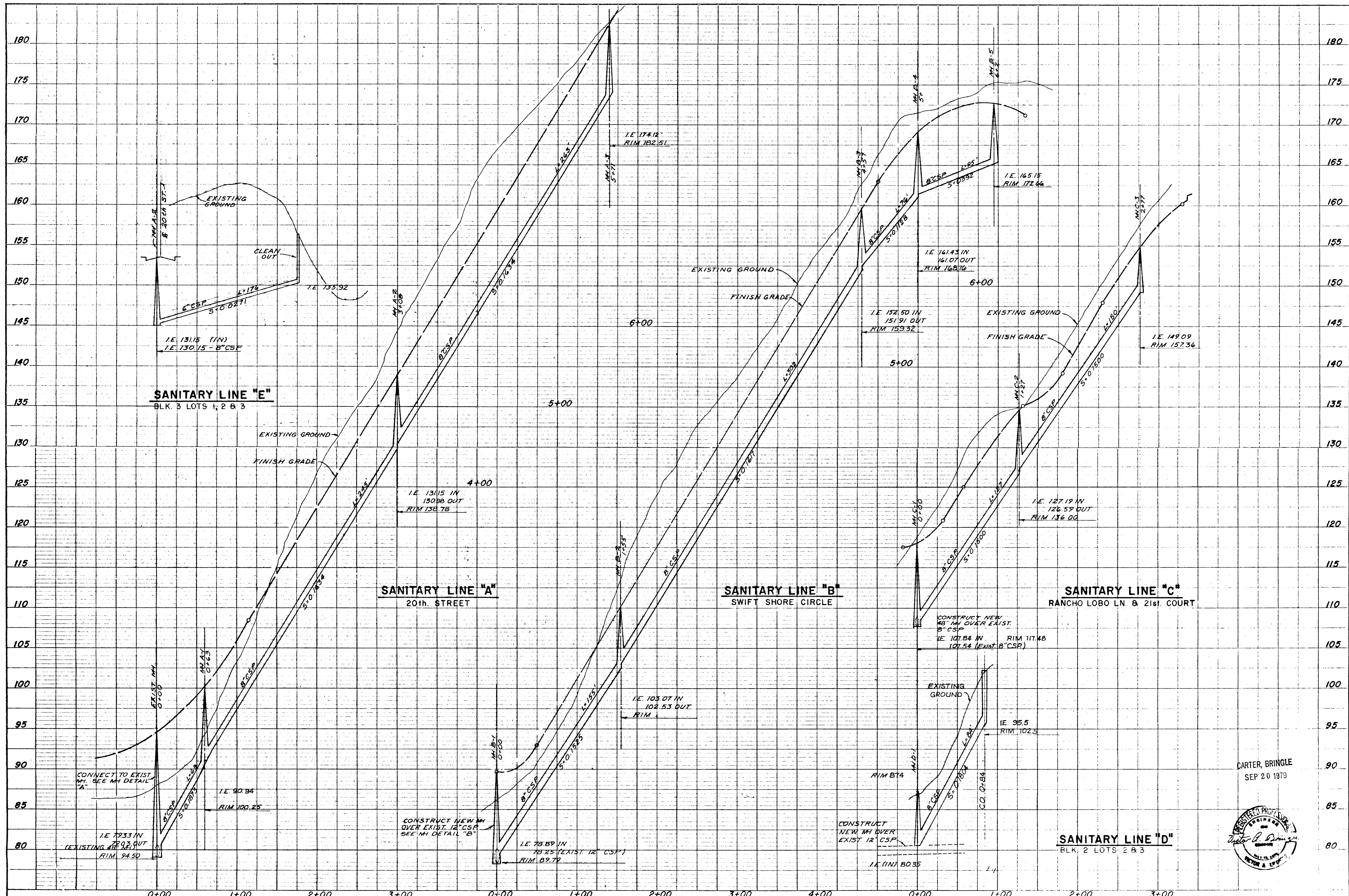
CARTER, BRINGLE
 SEP 20 1979



CITY OF WEST LINN

Designed: J.L.A. Scale: 1"=50'
 Drawn: G.M.W. Date: OCT 1978
 Checked: J.L.A. 608-019
 Approved By: _____
CARTER, BRINGLE & ASSOC.
 CONSULTING ENGINEERS
 255 THE WATER TOWER PORTLAND, OREGON

SWIFT SHORES
 SANITARY SEWER & WATER PLAN



CITY OF WEST LINN

Designed: J.L.A.
Drawn: G.M.W.
Checked: J.L.A.
Approved:

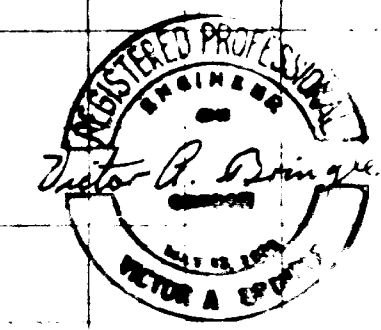
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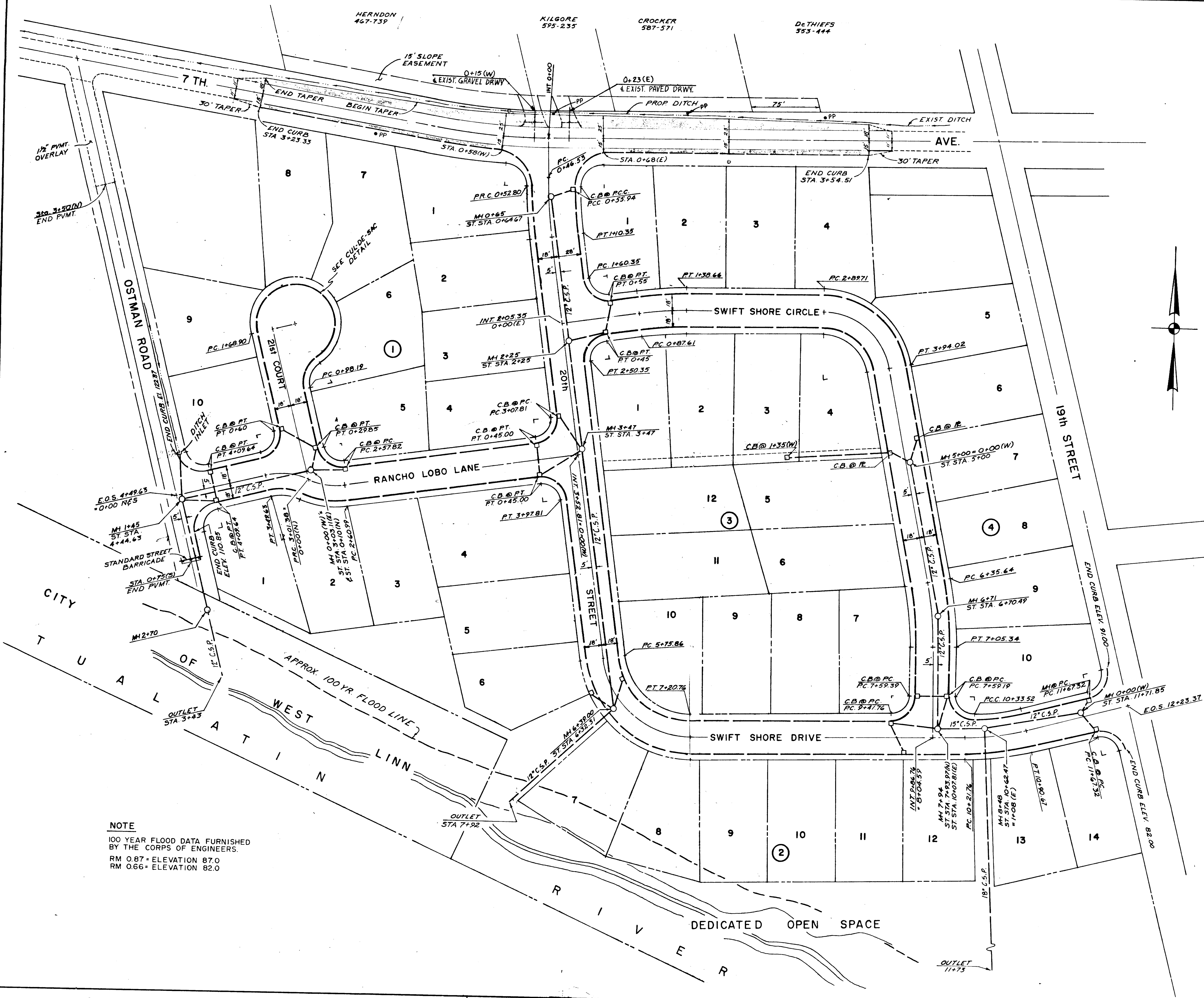
CARTER, BRINGLE & ASSOC.
CONSULTING ENGINEERS
255 THE WATER TOWER
PORTLAND, OREGON

REVISIONS
Date No. Revision

SWIFT SHORES
SANITARY SEWER PROFILE

CARTER, BRINGLE
SEP 20 1979





NOTE
100 YEAR FLOOD DATA FURNISHED
BY THE CORPS OF ENGINEERS.
RM 0.87 = ELEVATION 87.0
RM 0.66 = ELEVATION 82.0

CARTER, BRINGLE
SEP 20 1979



CITY OF WEST LINN

Designed: J.L.A.
Drawn: J.M.W.
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Approved By:

Scale: 1" = 50'
Date: OCT 1978
File: 808-019

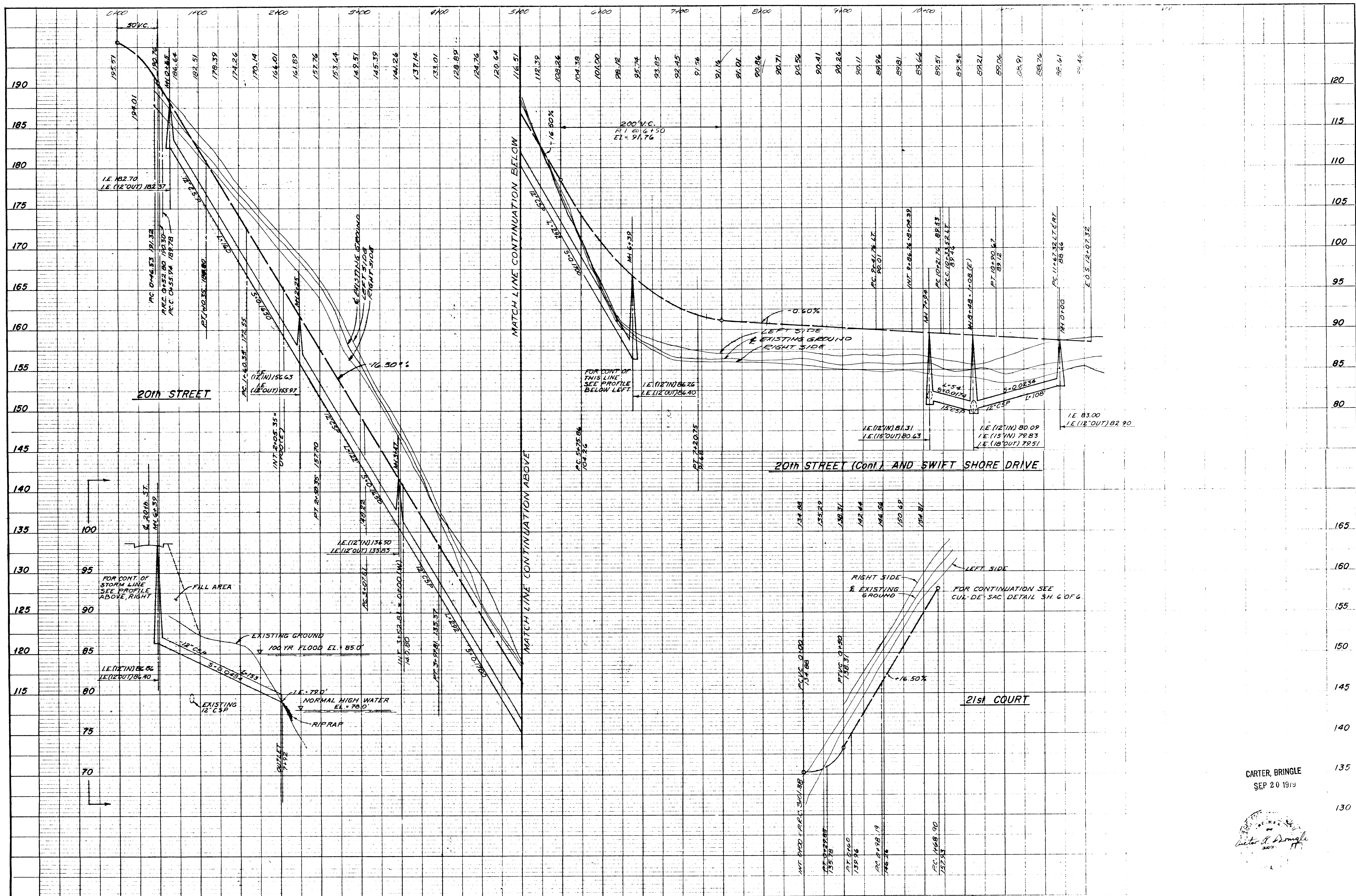
CARTER, BRINGLE & ASSOC.
CONSULTING ENGINEERS
255 THE WATER TOWER
PORTLAND, OREGON

9-79 1 AS CONSTRUCTED

Date	No.	Revision	By	Date	No.

SWIFT SHORES
STREET AND STORM DRAINAGE PLAN

3/6



CITY OF WEST LINN

Designed: J.L.A.
 Drawn: G.M.W.
 Checked: J.L.A.
 Approved By: _____
 Date: OCT. 1978
 File: 808-019

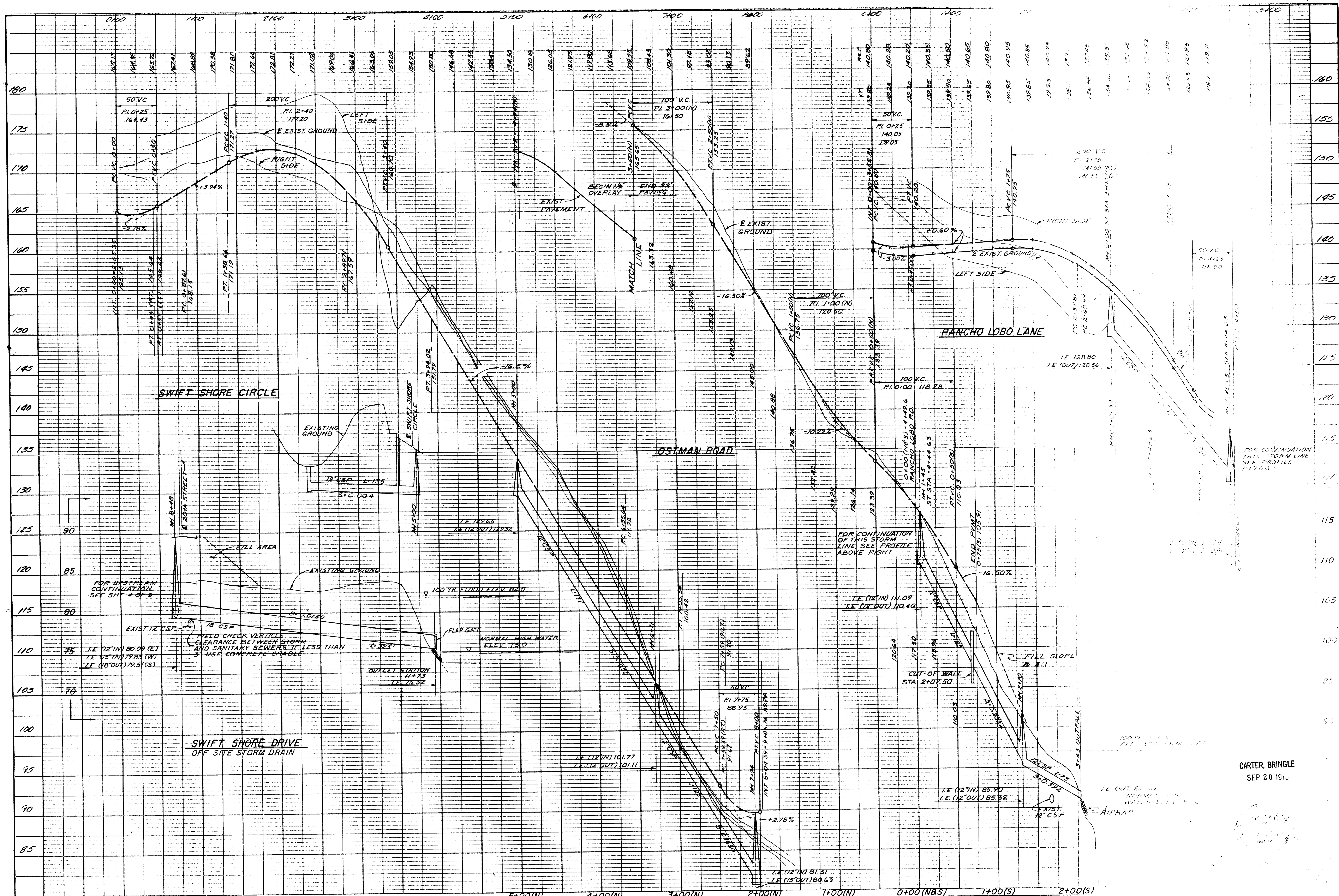
CARTER, BRINGLE & ASSOC.
 CONSULTING ENGINEERS
 255 THE WATER TOWER
 PORTLAND, OREGON

9-79 AS CONSTRUCTED
 Date: No. Revision: By: Date: No.

SWIFT SHORES
 STREET & STORM DRAINAGE PROFILE

CARTER, BRINGLE
 SEP 20 1979

Carter & Bringle



CITY OF WEST LINN

Designed: J.L.A. Scale: 1"=50' H 1"=5' V
 Drawn: amw Date: OCT 1978
 Checked: J.L.A. File: 808-019
 Approved: _____

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

9-79 1 AS CONSTRUCTED DH

CARTER, BRINGLE
 SEP 20 1978

GENERAL NOTES:

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 SANITARY SEWER SERVICES SHALL HAVE A MINIMUM OF ONE 1/8 BEND OFF MAIN WYE PLUS AT LEAST TWO LENGTH OF PIPE (7 FT.) NO FLUGGED TEES WILL BE ALLOWED.
6. SANITARY SEWER LATERALS TO DROP 0.40' INTO MANHOLES.
7. SELECT BACKFILL REQUIRED IN ALL SANITARY SEWER TRENCHES WITHIN STREET RIGHT-OF-WAY.
8. ALL NEW SERVICE CONNECTIONS TO THE EXISTING SEWER LINE SHALL BE MADE WITH A FOWLER "QUICK WAY" TAP.

WATER

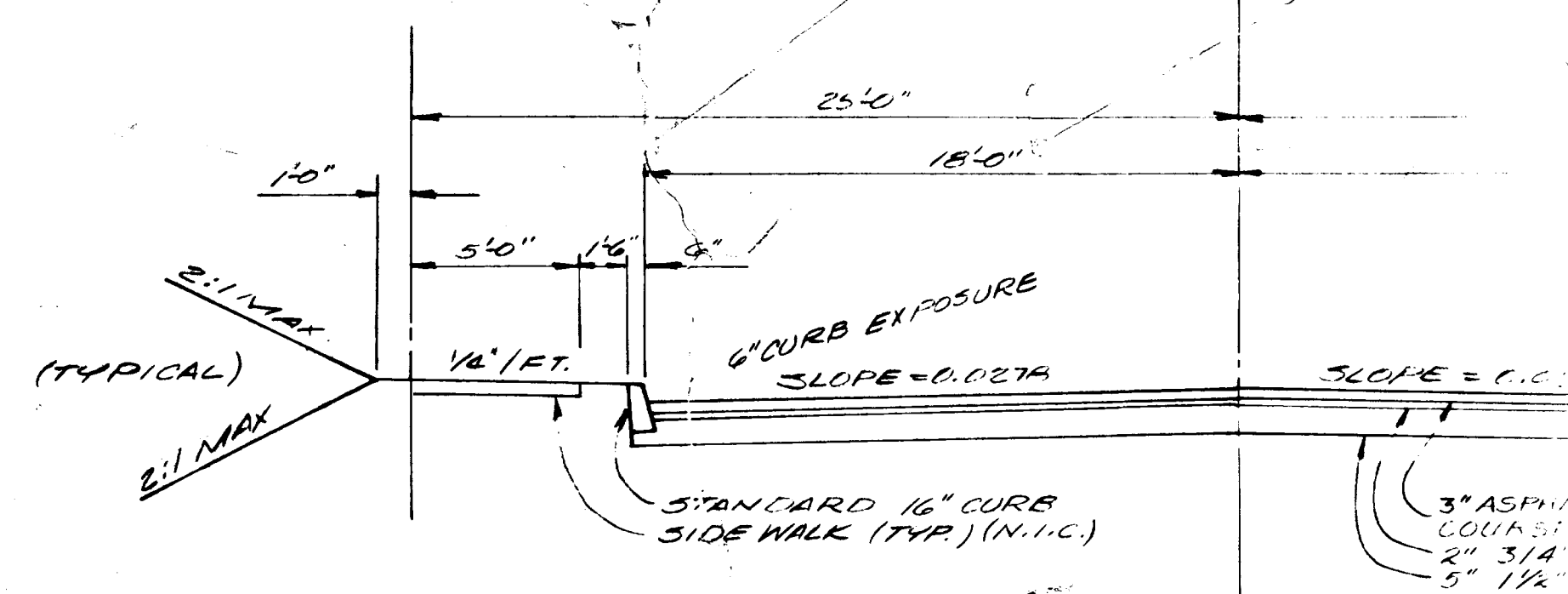
1. WATER SERVICE PIPE SHALL BE TYPE "K" COPPER WITH FORD TYPE COMPRESSION FITTINGS & REQUIRE A SERVICE SADDLE.
2. THE CONTRACTOR SHALL FURNISH & SET CONCRETE METER BOXES FOR THE WATER SERVICE.
3. O.S.H.D. BACTERIOLOGICAL TEST REQUIRED ON WATER SYSTEM.
4. SELECT BACKFILL MATERIAL REQUIRED FOR WATER MAIN TRENCHES WITHIN ROADWAY.
5. PROVIDE CONCRETE THRUST BLOCKING AT ALL TEES BENDS AND DEAD ENDS, THRUST BLOCKING TO HAVE A MINIMUM OF 350 FT. OF BEARING SURFACE AGAINST UNDISTURBED SOIL.
6. DOTTED LINE DENOTES 3/4" SINGLE WATER SERVICE CONNECTION. (EXISTING SERVICES SHALL BE RECONNECTED TO PROPOSED MAIN).
7. DASHED LINE DENOTES 1" DOUBLE WATER SERVICE CONNECTION SPLIT TO 3/4" SADDLES REQUIRED FOR 1" DIA. CONNECT.
8. DUCTILE IRON PIPE SHALL BE CLASS 51 OR 52, MINIMUM OF 36" DEPTH.
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 10" BELOW TOP OF CURB AND 5" FROM BACK OF CURB. MARK EACH SERVICE W/ WHITE EXL.
11. FIRE HYDRANT SHALL BE "WATERLOUS" MODEL W18-67 OR EQUAL AS APPROVED BY CITY OF WEST LINN.
12. CONTRACTOR IS RESPONSIBLE FOR WATER MAIN INSTALLATION UNDER CITY PERSONNEL SUPERVISION.

STORM DRAINAGE

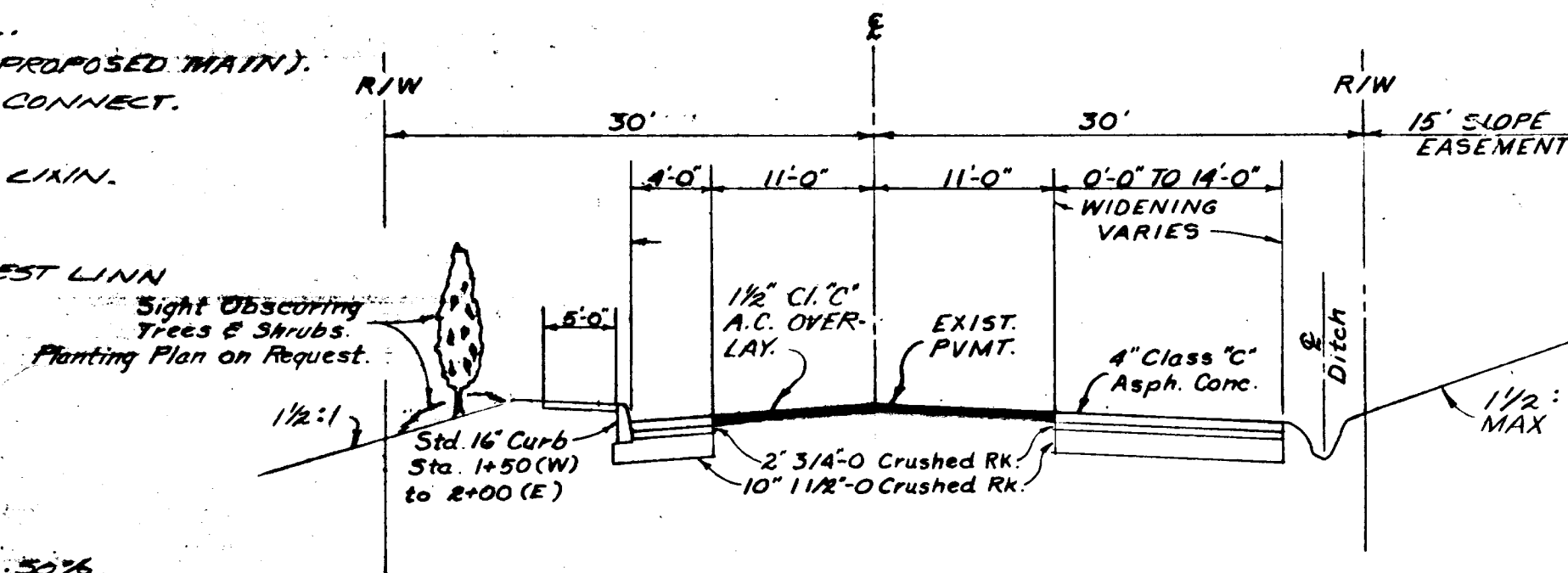
1. CONCRETE SEWER PIPE (C.S.P.) TO BE ASTM, C-14, CLASS II, CLASS "B" BEDDING.
2. CONCRETE PIPE JOINTS TO BE TONGUE AND GROOVE UNLESS OTHERWISE NOTED.
3. TWO (2) 4" DIA. CURB FACE OUTLETS REQUIRED PER LOT.
4. CATCH INLET LATERALS TO DROP 0.30' INTO MANHOLES. MINIMUM FOR CATCH INLET LATERAL = 0.50%.
5. CATCH INLET LATERALS SHALL BE 12" DIA. C.S.P. UNLESS 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.
8. CATCH BASINS ARE TO BE TYPE GB-1 WITH 7" CURB EXPOSURE.

STREET CONSTRUCTION

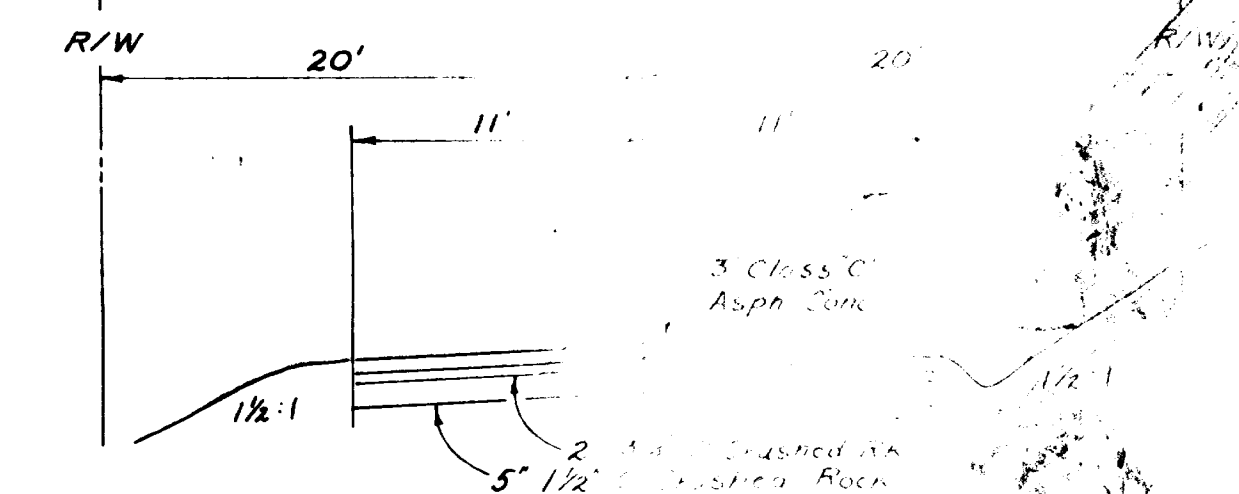
1. ALL FILL AREAS WITHIN ROADWAY RIGHT OF WAY TO BE PLACED 30 AS TO ACHIEVE A MIN. RELATIVE DENSITY EQUAL TO 95% PROCTOR OPTIMUM.
2. DRIVEWAY DROPS IN CURBS TO BE PREPLANNED WHERE PRACTICAL.
3. GRADING AND PAVING DETAILS TO CONFORM TO STREET SECTION DETAILS AS SHOWN ON PLANS.
4. ALL WORK TO CONFORM TO THE CITY OF WEST LINN STANDARDS AND SPECIFICATION.
5. EXISTING DRIVEWAYS WITHIN SLOPE EASEMENTS, ALONG 7TH AVENUE SHALL BE RECONSTRUCTED TO MATCH PROPOSED WIDENING & DRAINAGE.



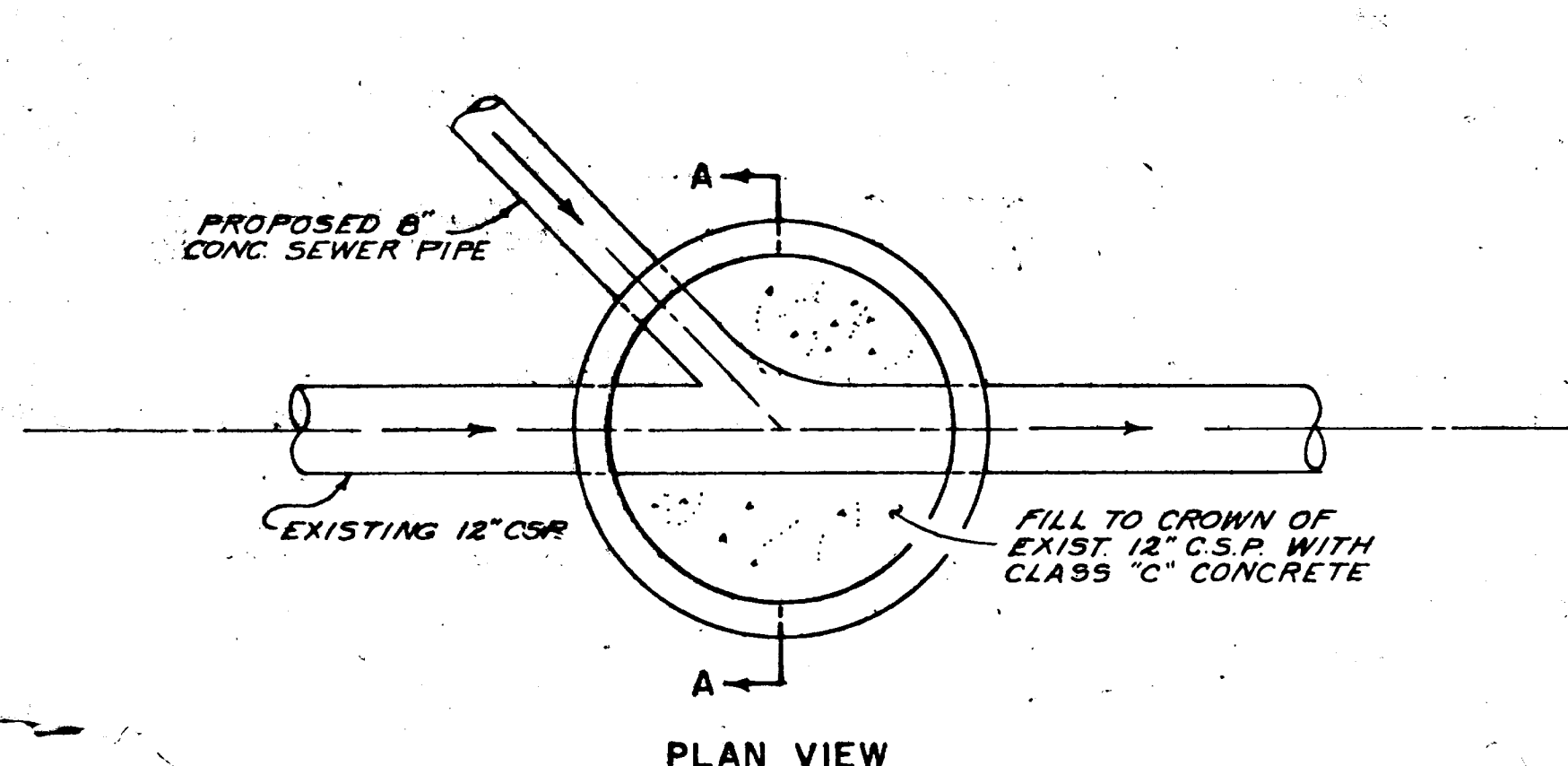
TYPICAL STREET SECTION
NOT TO SCALE



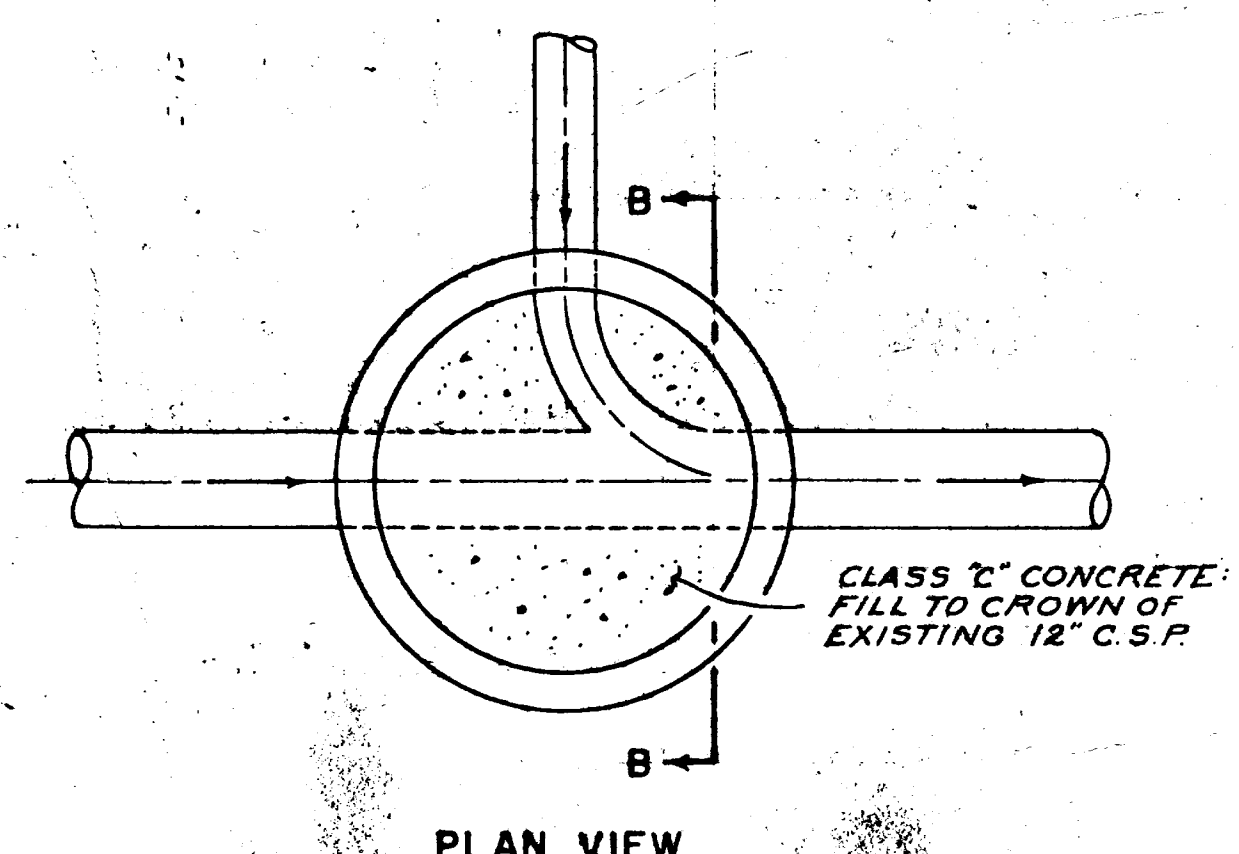
7th AVENUE STREET SECTION
STATION 3+80(E) TO STATION 3+30(W)
NOT TO SCALE



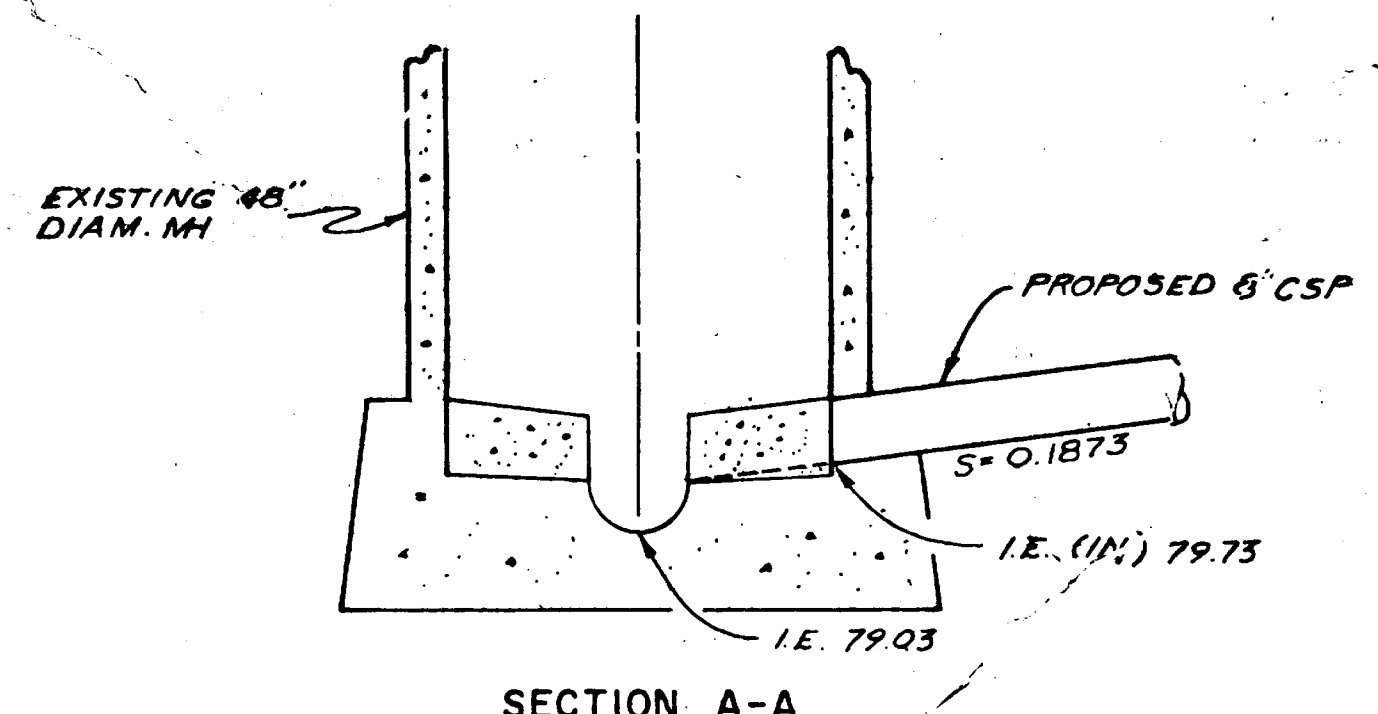
OSTMAN ROAD STREET SECTION
NOT TO SCALE



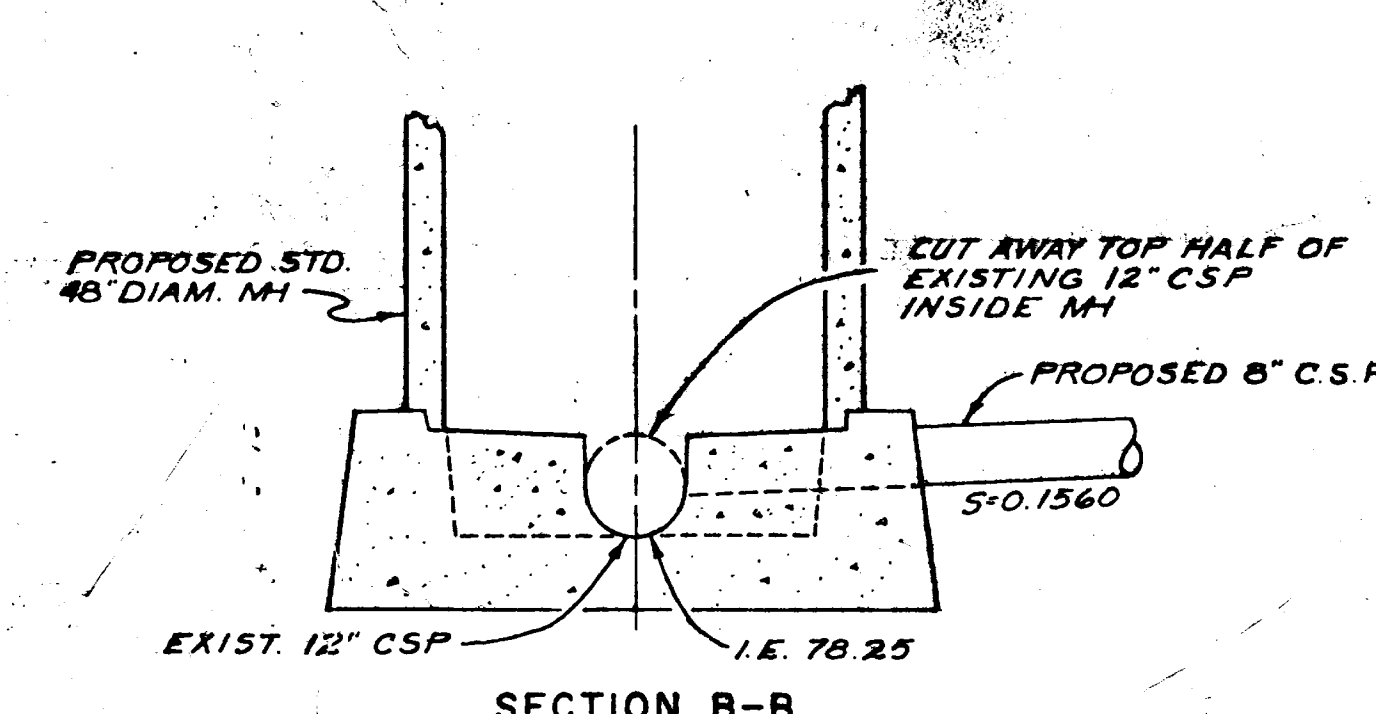
PLAN VIEW



PLAN VIEW



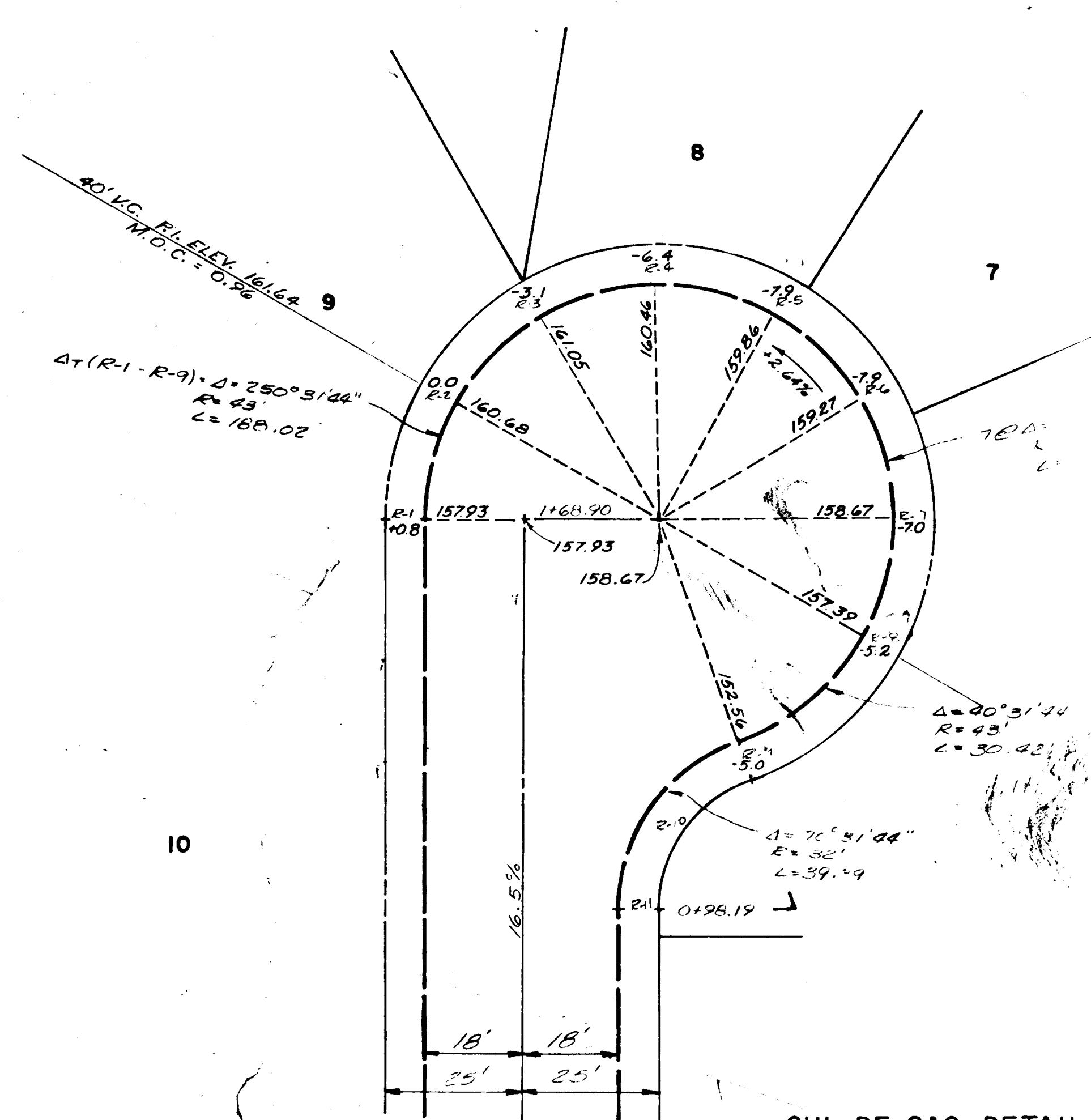
SECTION A-A



SECTION B-B

MANHOLE DETAIL "A"
NOT TO SCALE

MANHOLE DETAIL "B"
NOT TO SCALE



CUL-DE-SAC DETAIL
SCALE 1"=20'

CITY OF WEST LINN

Drawn: J.L.A.
Date: 05/19/97
Check: M.R./M.W.
Date: 06/19/97
Approved: J.L.A.
Date: 06/19/97

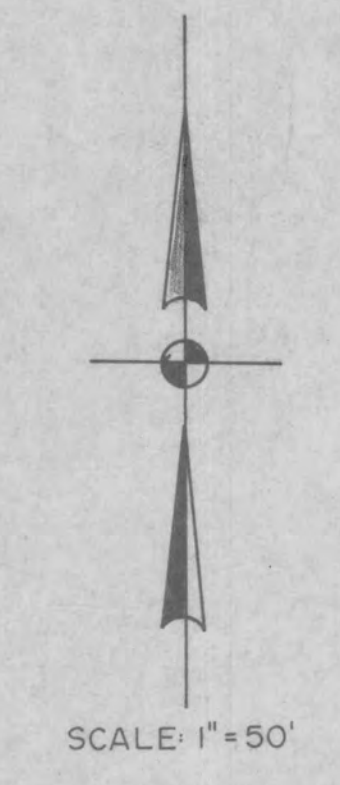
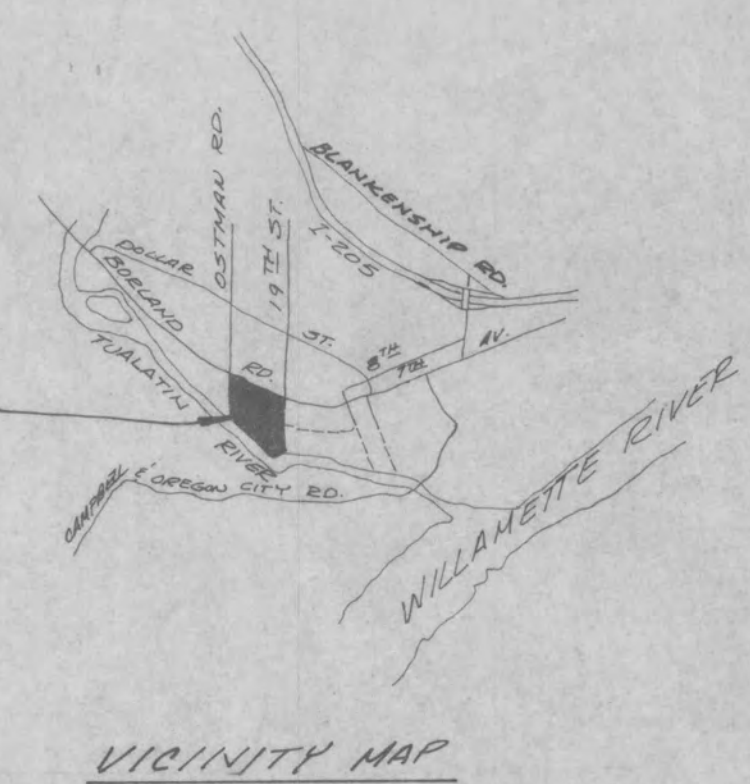
CARTER, BRINGLE & ASSOC.
CONSULTING ENGINEERS
PORTLAND, OREGON

9-79 AS CONSTRUCTED

SWI
GENERAL

Second Scan

This As-Built was scanned twice due to illegibility issues of the original scan.



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N.T.S.
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DEDICATED OPEN SPACE
(TO CITY OF WEST LINN)

CARTER, BRINGLE
SEP 20 1979



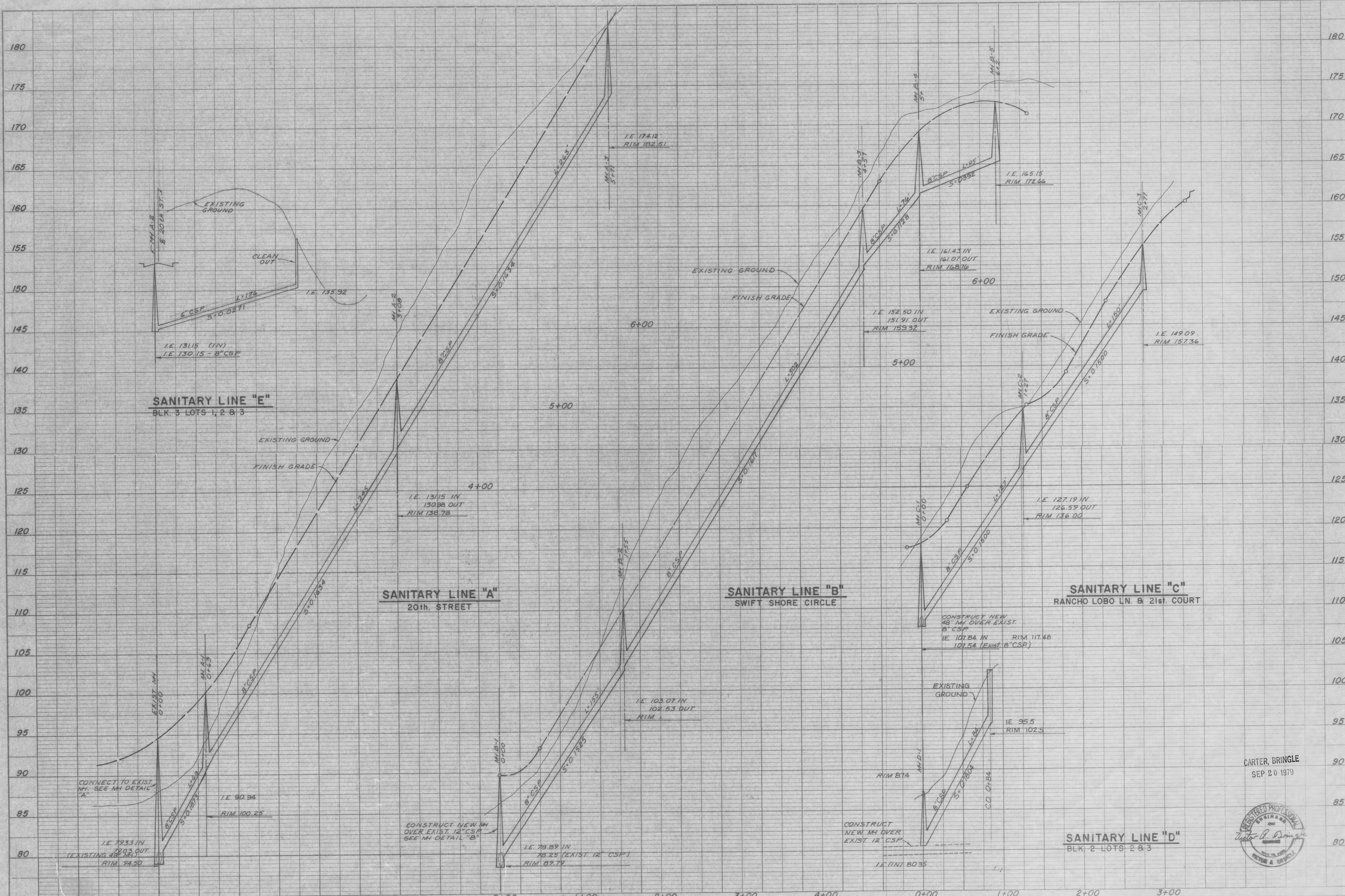
CITY OF WEST LINN

Designed: J.L.A.
Drawn: J.T.W.
Checked: J.L.A.
Approved: [Signature]

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

5-3-79
8-7-79
2
REVISED LINE 0-
AS CONSTRUCTED

SWIFT SHORES
SANITARY SEWER & WATER PLAN



CITY OF WEST LINN

Designed: J.L.A.
Drawn: J.M.W.
Checked: J.L.A.
Approved: _____

Scale: 1"=50' H 1"=5' V
Date: OCT 1978
File: 808-012

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

5-3-79 1 Revised D Line SB

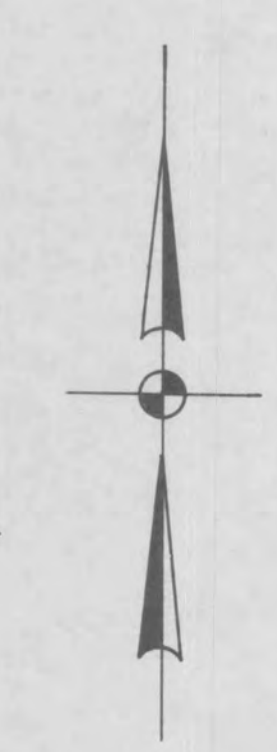
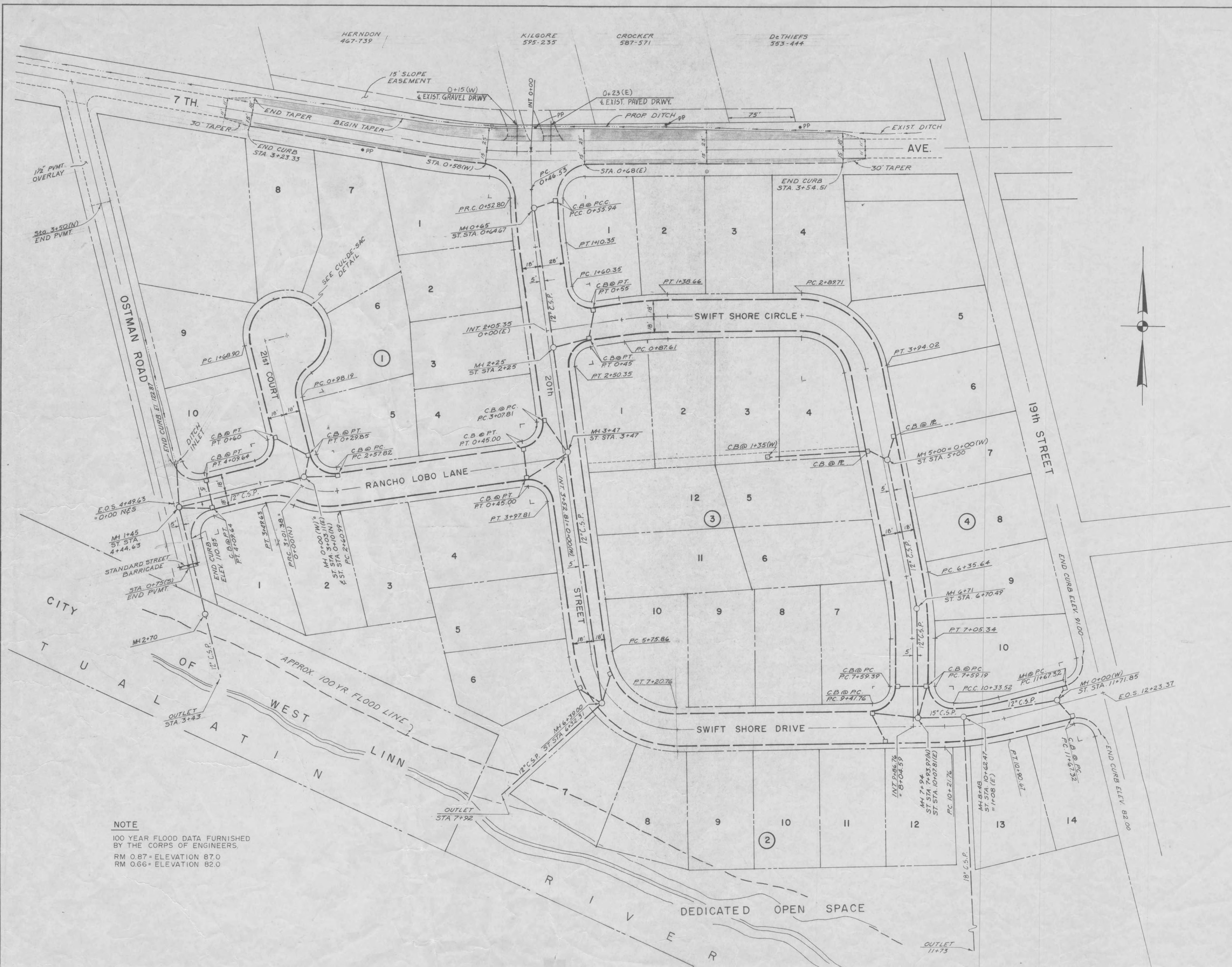
Date	No.	Revision	By	Date	No.

SWIFT SHORES
SANITARY SEWER PROFILES

2 of 6

CARTER, BRINGLE
SEP 20 1979





NOTE

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CARTER, BRINGLE
SEP 20 1979



CITY OF WEST LINN

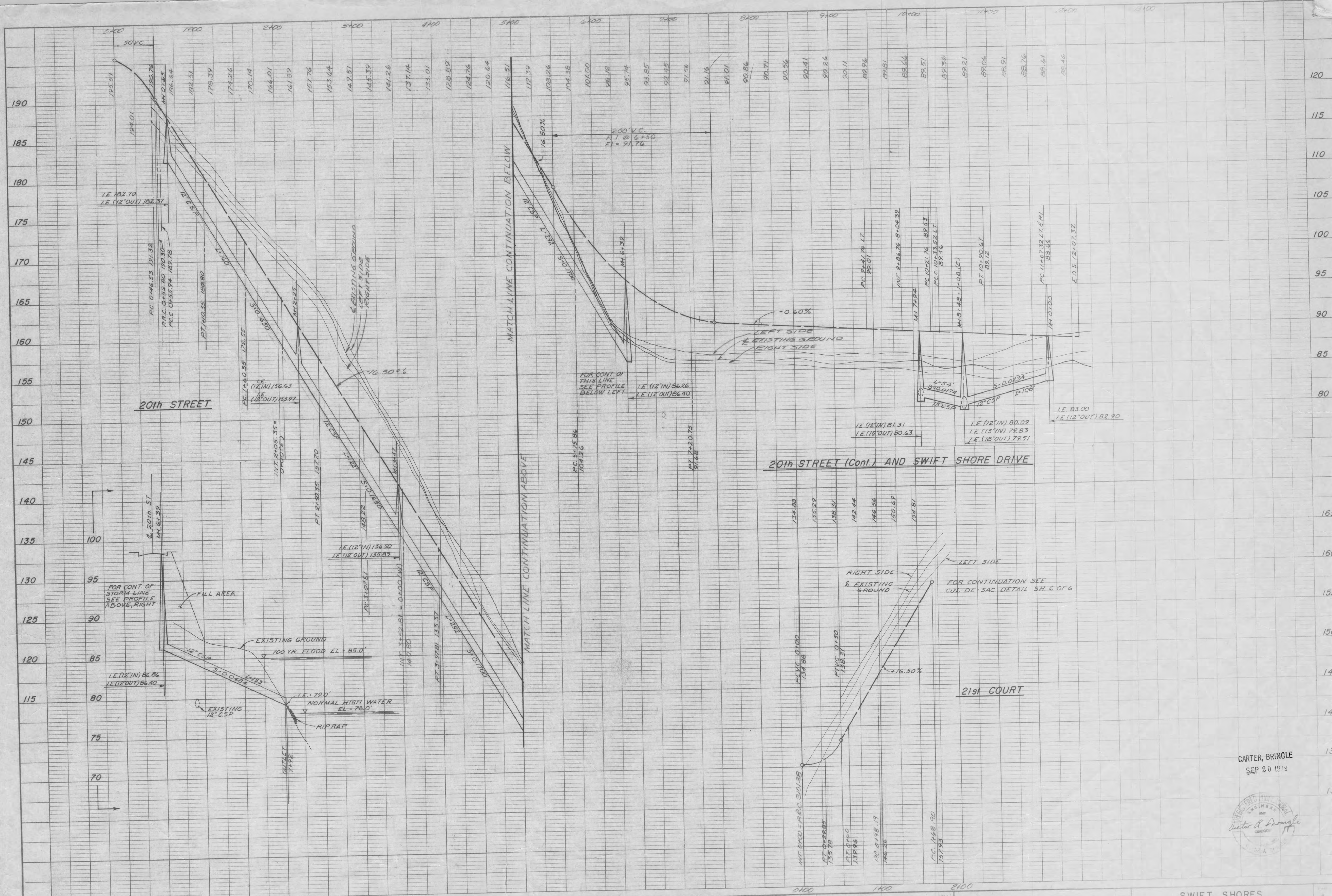
Designed: J.L.A.
Drawn: J.M.W.
Checked: J.L.A.
Approved By:

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

9-79 1 AS CONSTRUCTED
Date No. Revision By Date No.

SWIFT SHORES
STREET AND STORM DRAINAGE PLAN

Sheet 3 of 6



CITY OF WEST LINN

Designed: J.L.A.
 Drawn: G.M.W.
 Checked: J.L.A.
 Approved By:

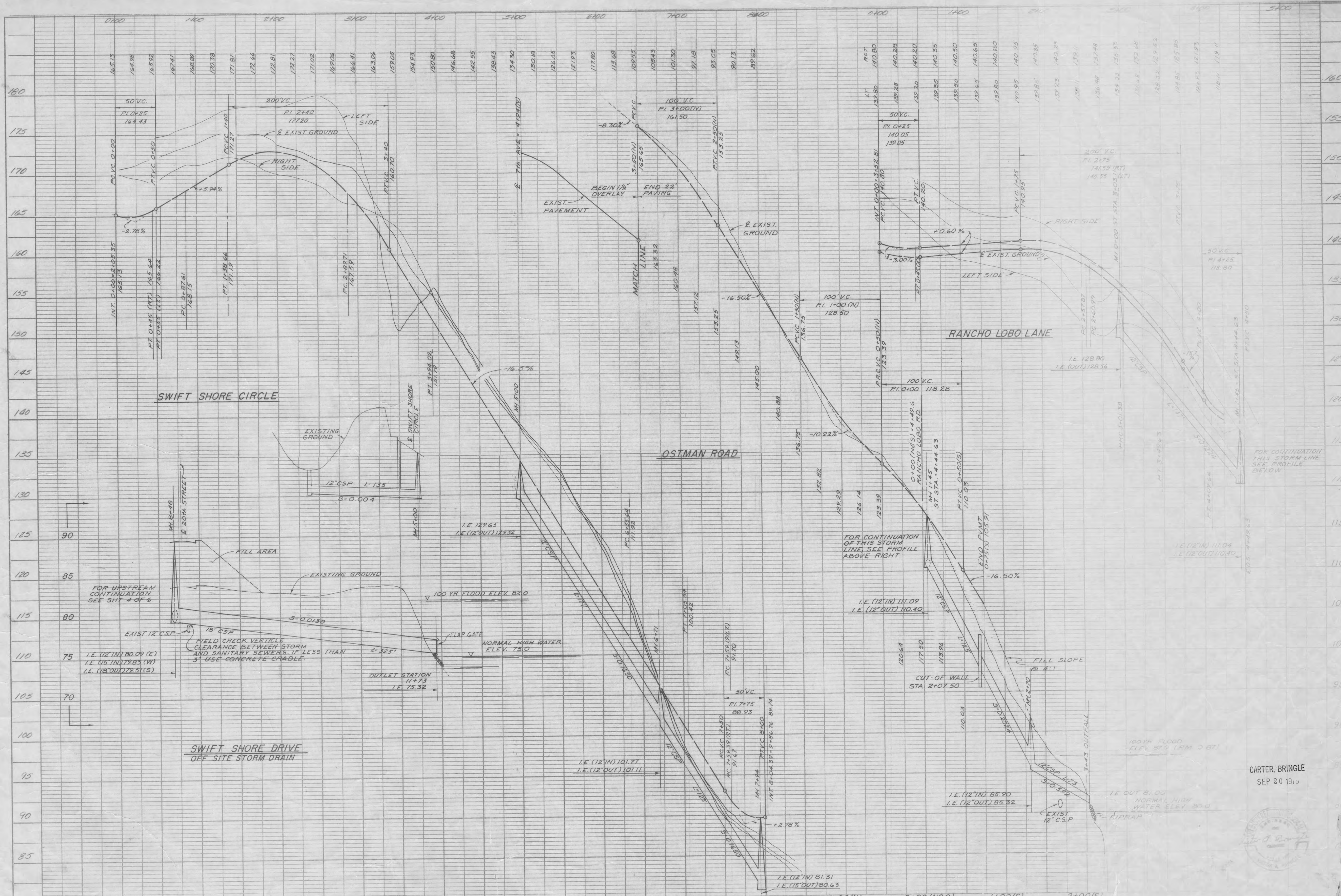
CARTER, BRINGLE & ASSOC.
 CONSULTING ENGINEERS
 255 THE WATER TOWER
 PORTLAND, OREGON

9-79 AS CONSTRUCTED
 Date No. Revision By Date No.

SWIFT SHORES
 STREET & STORM DRAINAGE PROFILE

CARTER, BRINGLE
 SEP 20 1979





CITY OF WEST LINN

Designed: J.L.A.
Drawn: G.M.W.
Checked: J.L.A.
Approved By:

Scale: 1"=50' H 1"=5' V
Date: OCT. 1978
File: 808-019

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

9-79 1 AS CONSTRUCTED
Date No. Revision

DH

SWIFT SHORES
STREET'S STORM DRAIN

CARTER, BRINGLE
SEP 20 1979



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STORM DRAINAGE

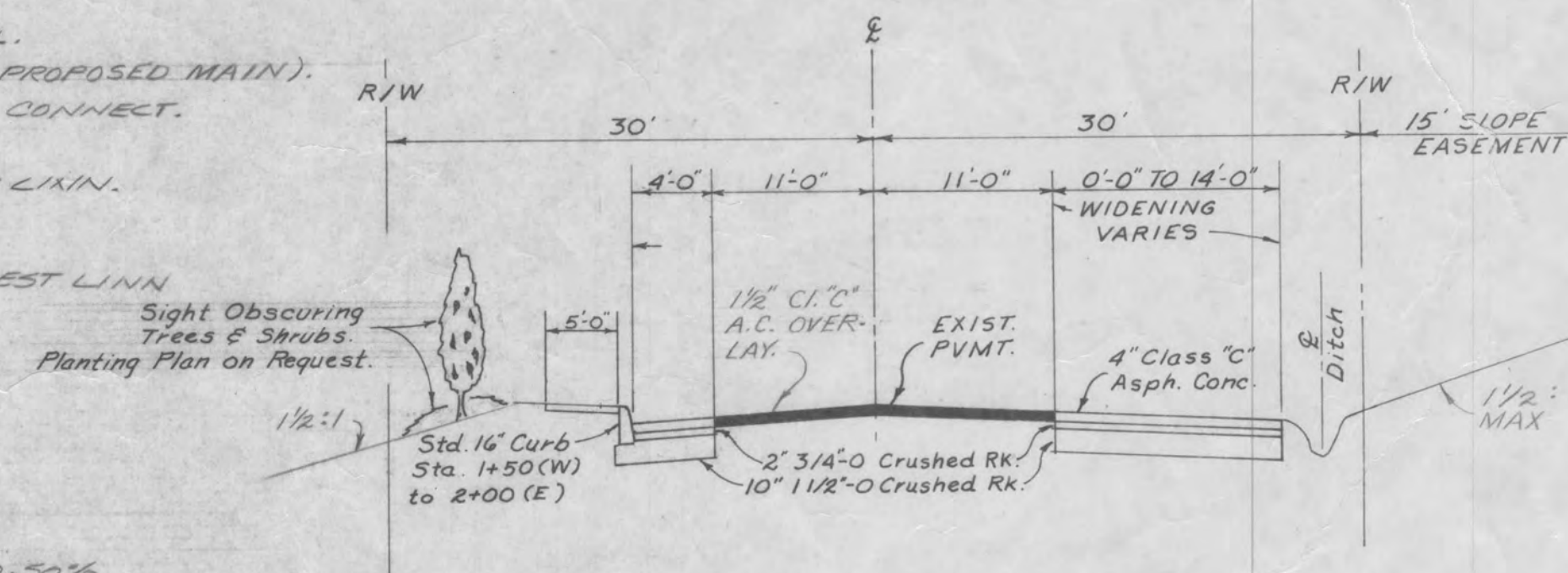
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STREET CONSTRUCTION

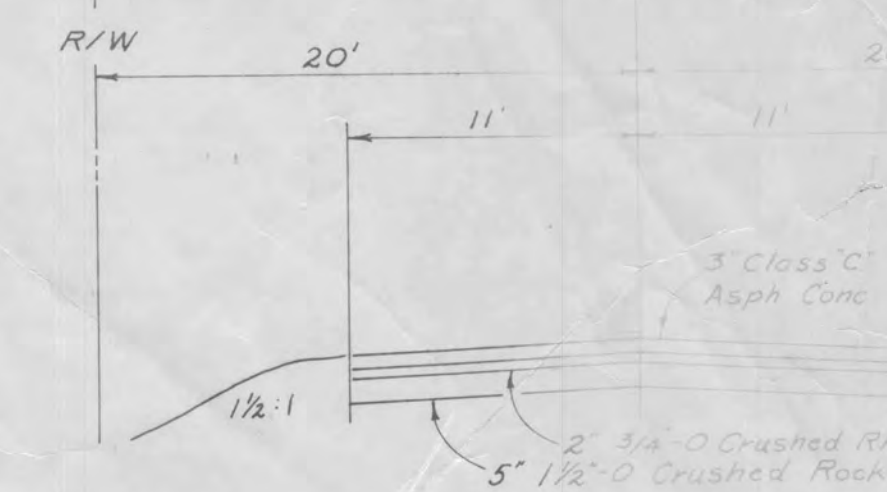
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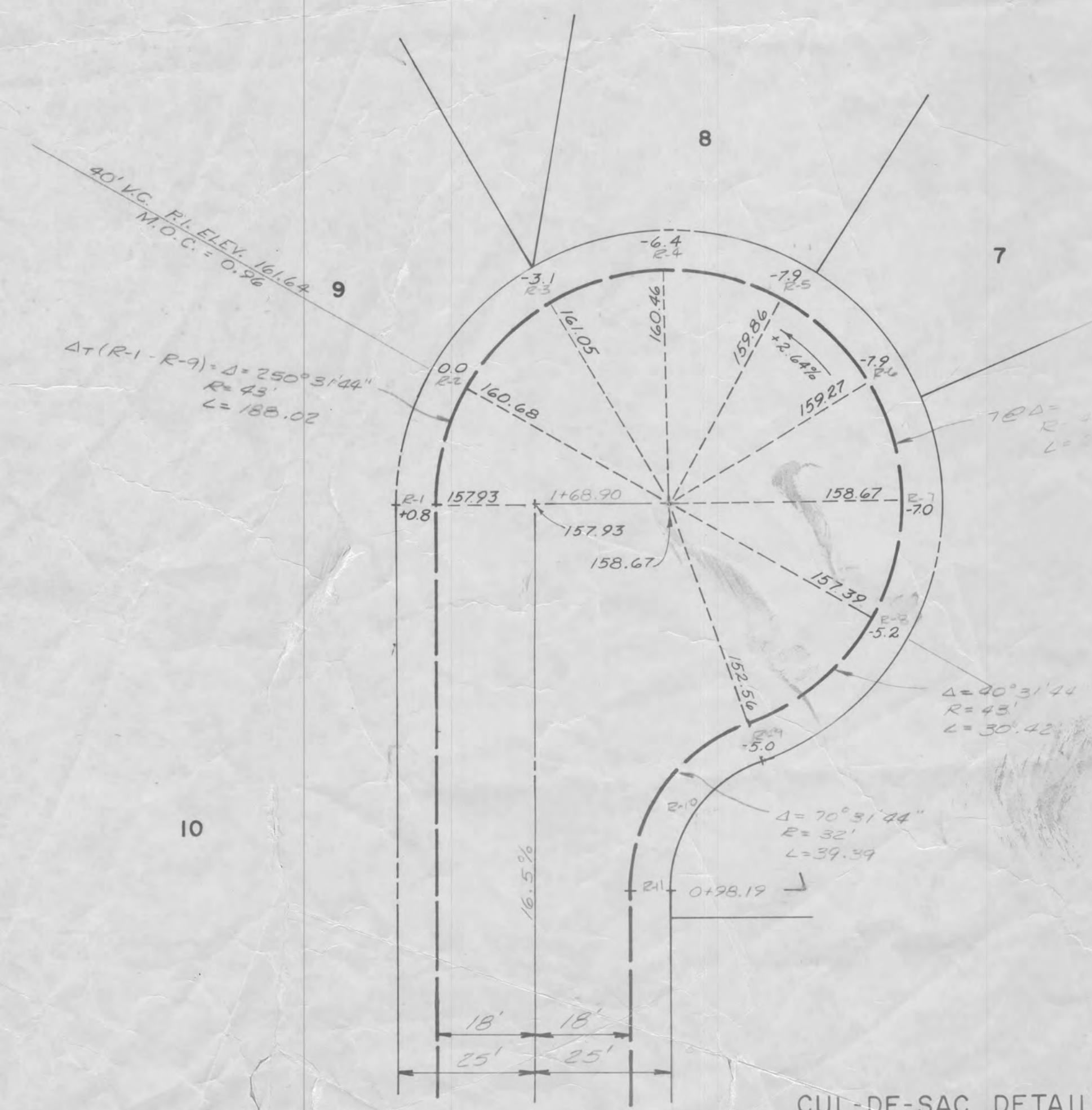
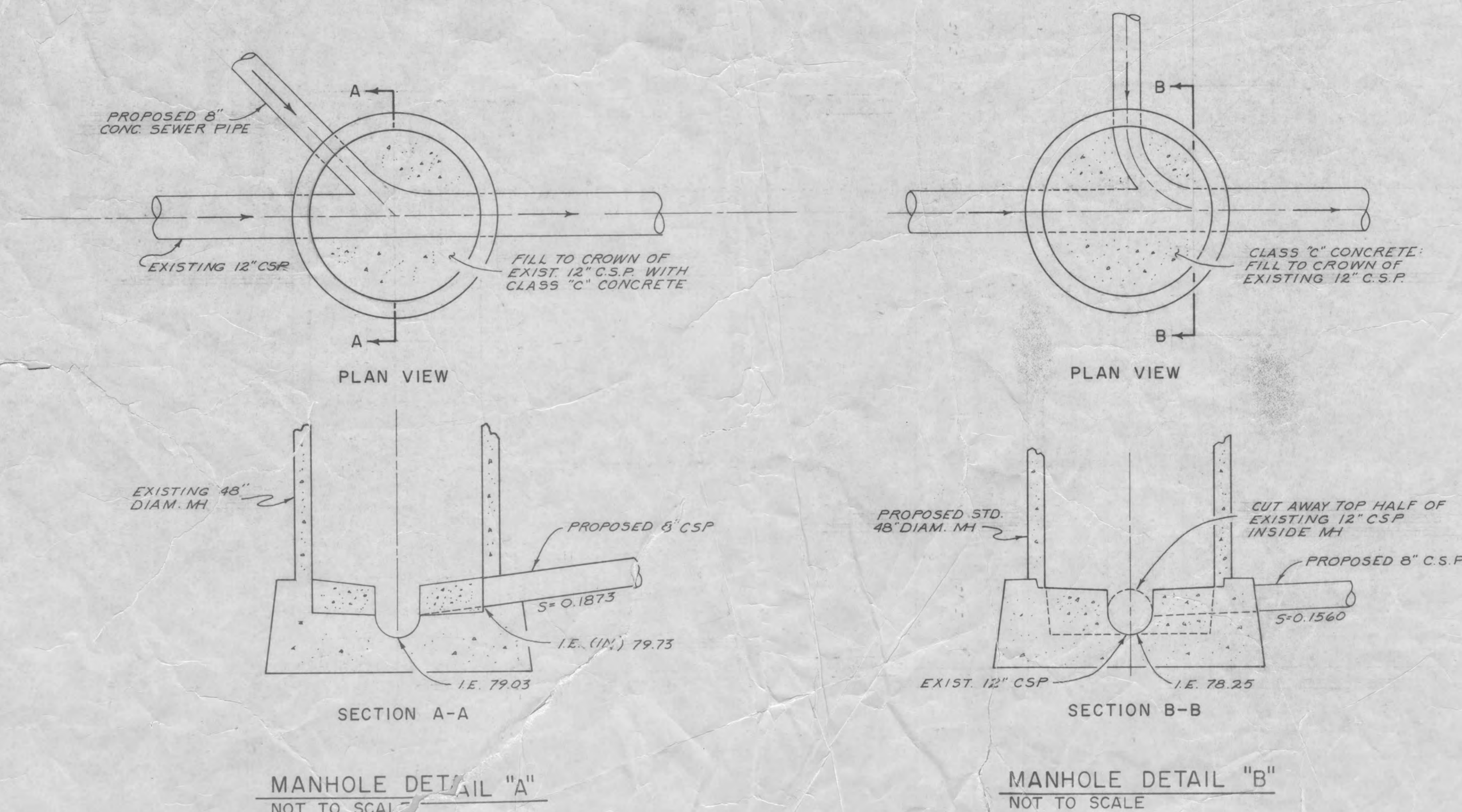
TYPICAL STREET SECTION
NOT TO SCALE



7th AVENUE STREET SECTION
STATION 3+80(E) TO STATION 3+30(W)
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OSTMAN ROAD STREET SECTION
NOT TO SCALE



CUL-DE-SAC DETAIL
SCALE 1"=20'

CITY OF WEST LINN

Drawn: J.L.A.
Checked: MR/AMW
Approved: J.L.A.

Scale: AS NOTED
Date: OCT. 1978
No. 808-012

CARTER, BRINGLE & ASSOC.
CONSULTING ENGINEERS
1000 THE WATER TOWER
PORTLAND, OREGON

9-79 1 AS CONSTRUCTED
Date: No. Revision: By: Date: M.C.

SWIFT
GENERAL NO.