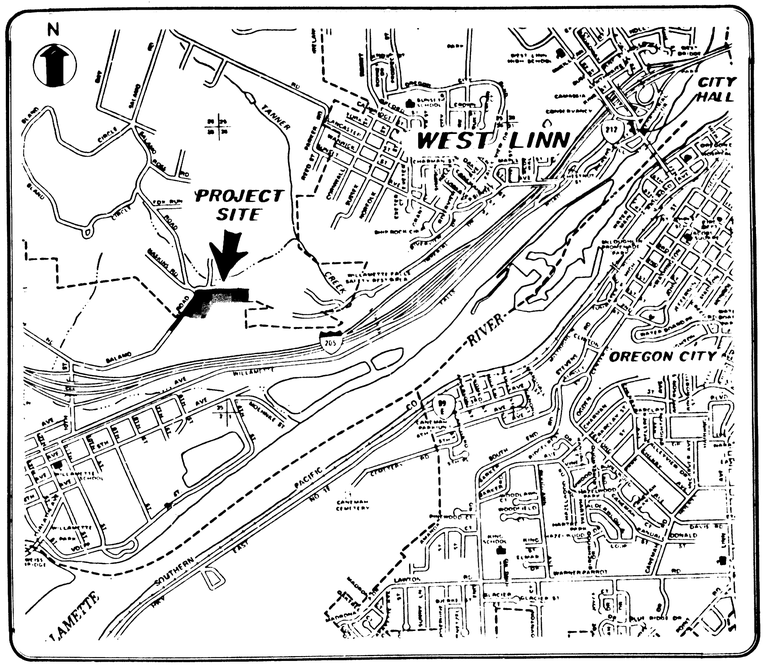
W.B. WELLS and associates inc.
ENGINEERS
SURVEYORS
4230 N.E. FREMONT ST.
PORTLAND, OREGON
284-5896 97213

PHASE I

BARRINGTON HEIGHTS

SHEET INDEX

1	COVER SHEET
2	SITE PLAN
3	STREET & STORM SEWER PLAN
4	INTERSECTION DETAILS
5	CENTERLINE PROFILES & CURB RETURN FLOW LINE PROFILES OF BARRINGTON WAY.
6	CENTERLINE PROFILES & CURB RETURN FLOW LINE PROFILES OF RIVERKNOLL WAY.
7	STORM SEWER PROFILE LINE "C" & LINE "D."
8	SANITARY SEWER PLAN - WATER LINE PLAN.
9	SANITARY SEWER PLAN LINE "A" STA. 0+00 TO STA 4+85.95
10	SANITARY SEWER PROFILE LINE "A" STA 0+00 TO STA 11+46.76
11	SANITARY SEWER PROFILE LINE "B" STA 0+00 TO STA 11+82.21
12	SANITARY SEWER PROFILE LINE "B" STA 11+82.21 TO STA 17+21.22
13	STANDARD DRAWINGS & DETAILS.



VICINITY MAP
(N.T.S.)

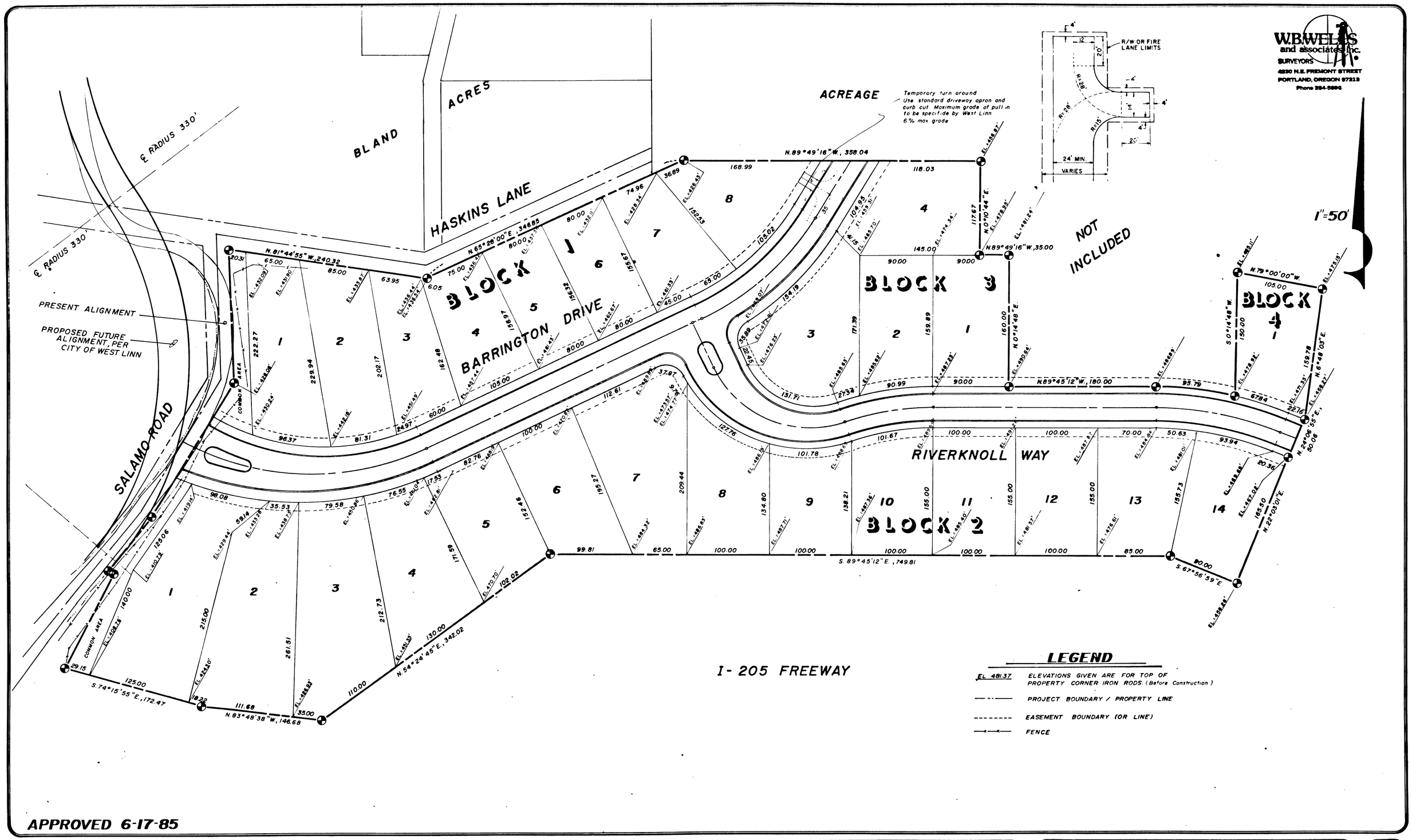
APPROVED 6-17-85

DESIGNED B.S.S.
DRAWN B.S.S.
CHECKED G.M.J., D.W.M.
DATE MAY 1985
SCALE N.T.S.
REVISED

CITY OF WEST LINN
DEPT. OF PUBLIC WORKS
AL STEININGER
PUBLIC WORKS DIRECTOR

PHASE I
BARRINGTON HEIGHTS
FOR: IMPERIAL DEVELOPMENT INC.

IMPERIAL DEVELOPMENT, INC.
Attn: Mr. Neil Nedelisky
15875 S.E. 114th Street, Suite "D"
Clackamas, Oregon 97015
phone (503) 655-6291



APPROVED 6-17-85

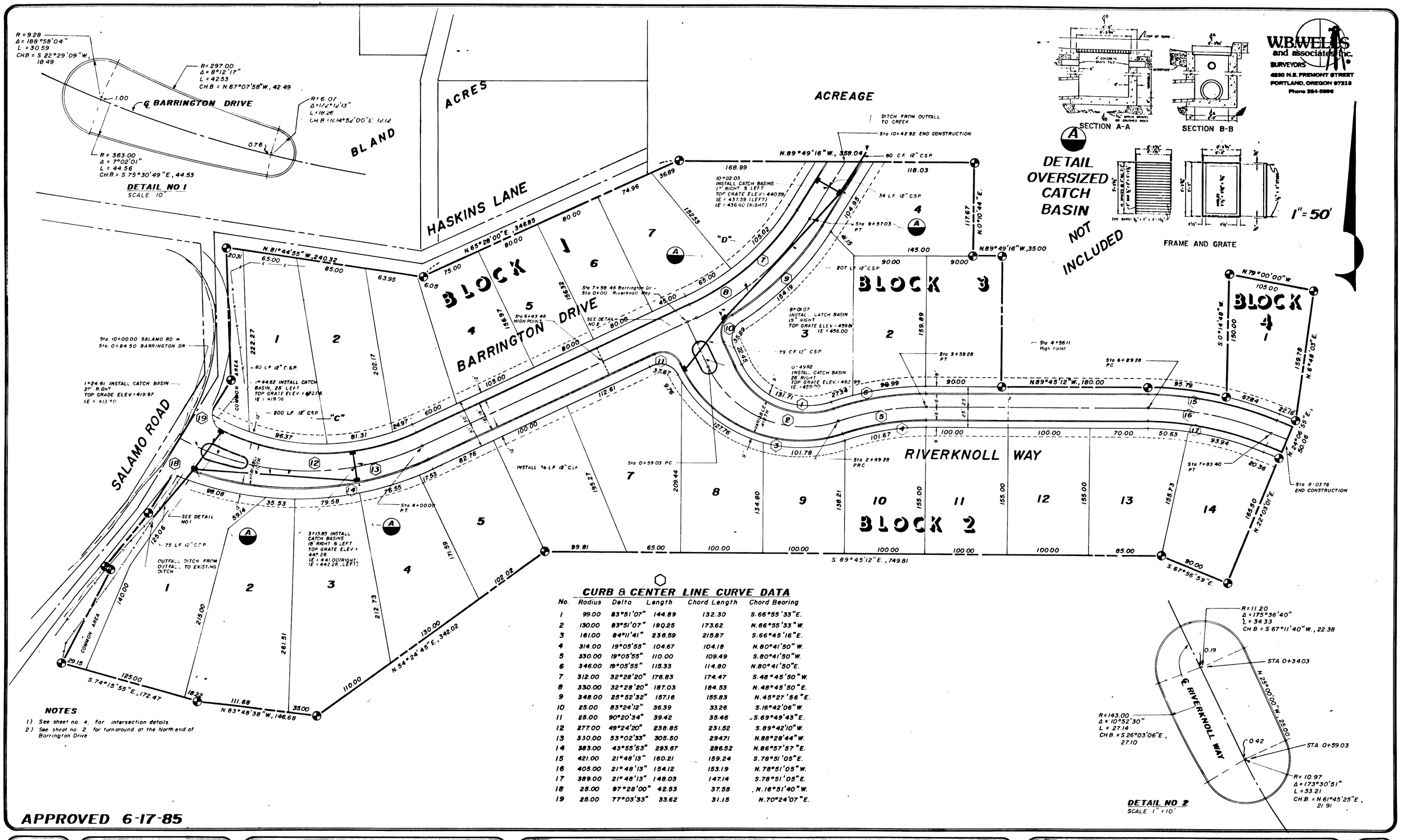
DESIGNED: BSS
DRAWN: BSS
CHECKED: GMJ, DWM
DATE: MAY, 1985
SCALE: 1"=50'
REVISED

CITY OF WEST LINN
DEPT. OF PUBLIC WORKS
AL STEININGER
PUBLIC WORKS DIRECTOR

PHASE I
BARRINGTON HEIGHTS
FOR: IMPERIAL DEVELOPMENT INC.

SITE PLAN

55 51



CURB & CENTER LINE CURVE DATA

No.	Radius	Delta	Length	Chord Length	Chord Bearing
1	99.00	83°51'07"	144.89	132.30	S.66°55'33"E.
2	130.00	83°51'07"	190.25	173.62	N.66°55'33"W.
3	161.00	84°11'41"	236.59	215.87	S.66°45'16"E.
4	314.00	19°05'55"	104.67	104.18	N.80°41'50"W.
5	330.00	19°05'55"	110.00	109.49	S.80°41'50"W.
6	346.00	19°05'55"	115.33	114.80	N.80°41'50"E.
7	312.00	32°28'20"	176.83	174.47	S.48°45'50"W.
8	330.00	32°28'20"	187.03	184.53	N.48°45'50"E.
9	348.00	25°52'32"	157.16	155.83	N.45°27'56"E.
10	25.00	83°24'12"	36.39	33.26	S.16°42'06"W.
11	25.00	90°20'34"	39.42	35.46	S.69°49'43"E.
12	277.00	49°24'20"	238.85	231.52	S.89°42'10"W.
13	330.00	53°02'33"	305.50	294.71	N.88°28'44"W.
14	383.00	43°55'53"	293.67	286.52	N.86°57'57"E.
15	421.00	21°48'13"	160.21	159.24	S.78°51'05"E.
16	405.00	21°48'13"	154.12	153.19	N.78°51'05"W.
17	389.00	21°48'13"	148.03	147.14	S.78°51'05"E.
18	25.00	97°28'00"	42.53	37.58	N.16°51'40"W.
19	25.00	77°03'33"	33.62	31.15	N.70°24'07"E.

NOTES

1) See sheet no. 4. for intersection details.
2) See sheet no. 2 for turnaround at the North end of Barrington Drive

APPROVED 6-17-85

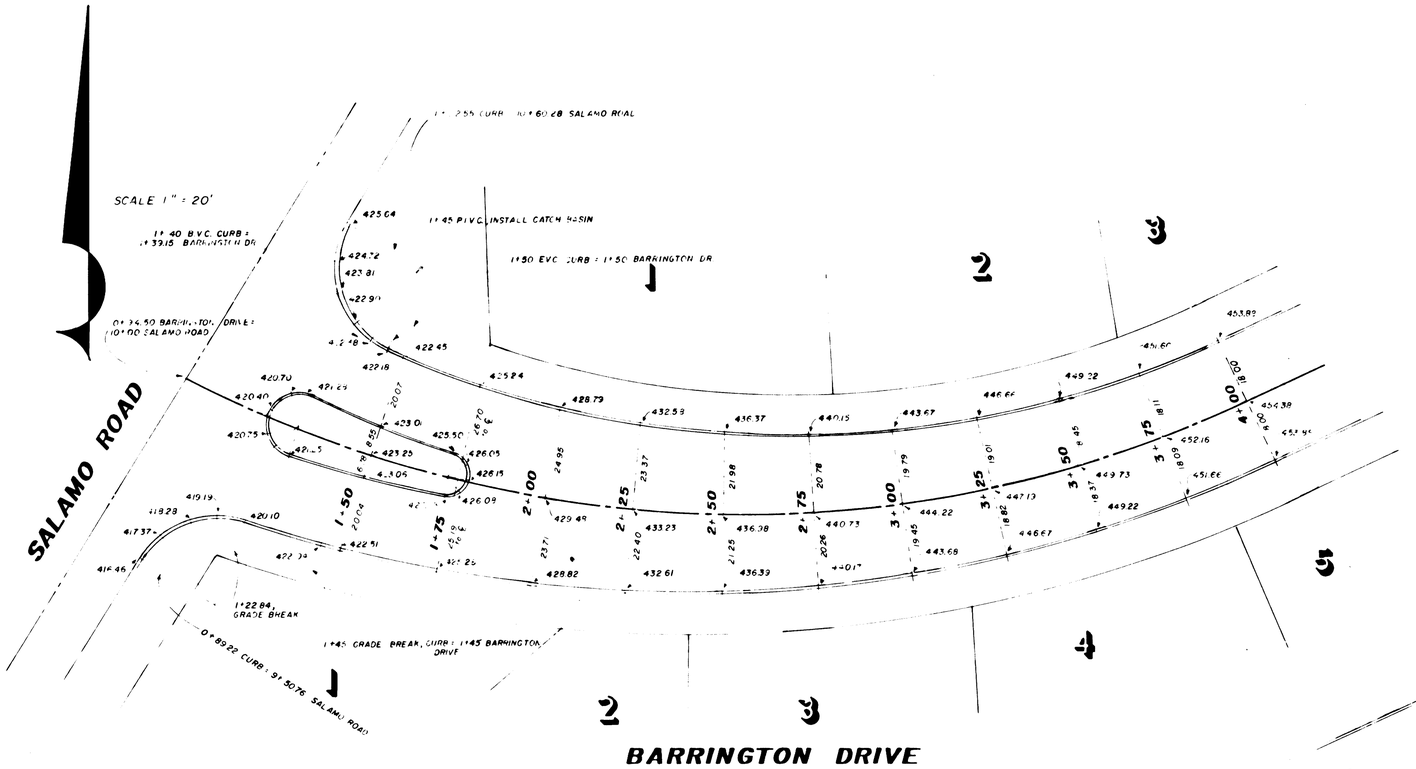
DESIGNED B.S.S.
DRAWN B.S.S.
CHECKED G.M.J., D.W.M.
DATE MAY 1985
SCALE 1"=50'
REVISED

CITY OF WEST LINN
DEPT. OF PUBLIC WORKS
AL STEININGER
PUBLIC WORKS DIRECTOR

PHASE I
BARRINGTON HEIGHTS
FOR: IMPERIAL DEVELOPMENT INC.

STREET & STORM SEWER PLANS

W.B. WELLS and associates inc.
SURVEYORS
4230 N.E. FREMONT STREET
PORTLAND, OREGON 97213
Phone 284-5896



SALAMO ROAD – BARRINGTON DRIVE INTERSECTION DETAIL

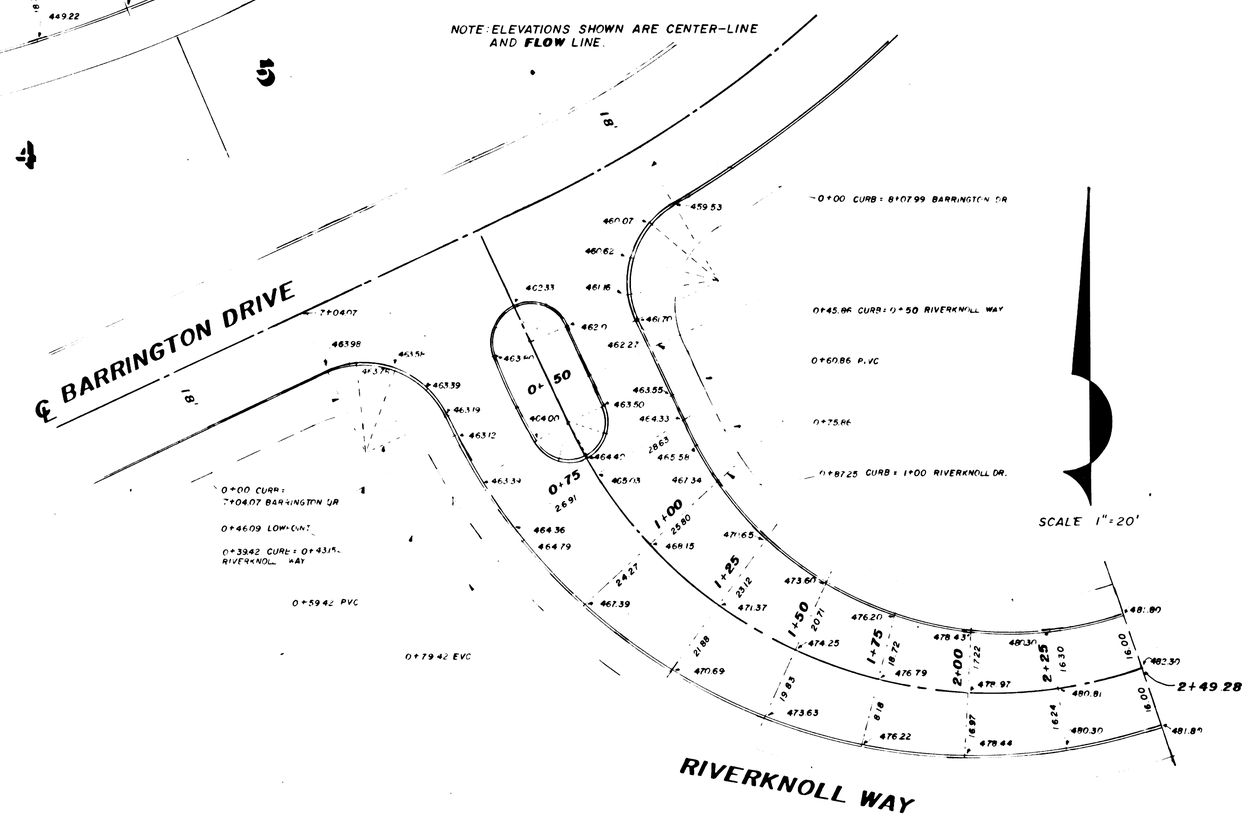
NOTE: ELEVATIONS SHOWN ARE CENTER-LINE AND **FLOW** LINE

LEGEND

- INSTALL CATCH BASIN, SEE STORM SEWER PLAN AND PROFILE
- INSTALL MANHOLE, SEE STORM AND SANITARY SEWER PLANS AND PROFILES

BARRINGTON DRIVE – RIVERKNOLL WAY INTERSECTION DETAIL

NOTE: ELEVATIONS SHOWN ARE CENTER-LINE AND **FLOW** LINE.



APPROVED 6-17-85

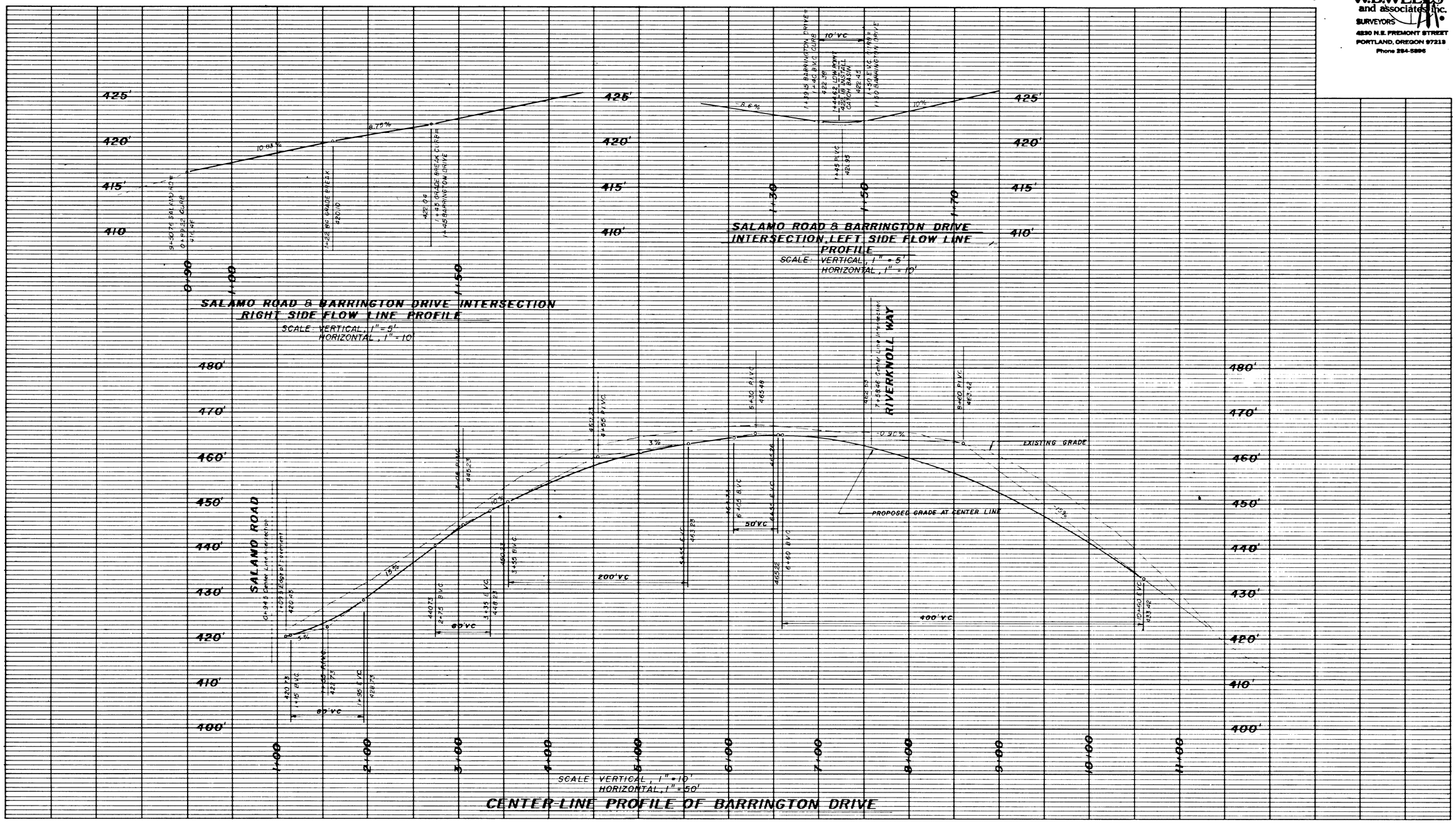
DESIGNED BSS
DRAWN BSS
CHECKED GMJ, DWM
DATE MAY, 1985
SCALE 1" = 20'
REVISE

CITY OF WEST LINN
DEPT. OF PUBLIC WORKS
AL STEININGER
PUBLIC WORKS DIRECTOR

PHASE I
BARRINGTON HEIGHTS
FOR: IMPERIAL DEVELOPMENT INC.

INTERSECTION DETAILS

W.B.WELLS and associates inc.
SURVEYORS
4230 N.E. FREMONT STREET
PORTLAND, OREGON 97213
Phone 284-5896



APPROVED 6-17-85

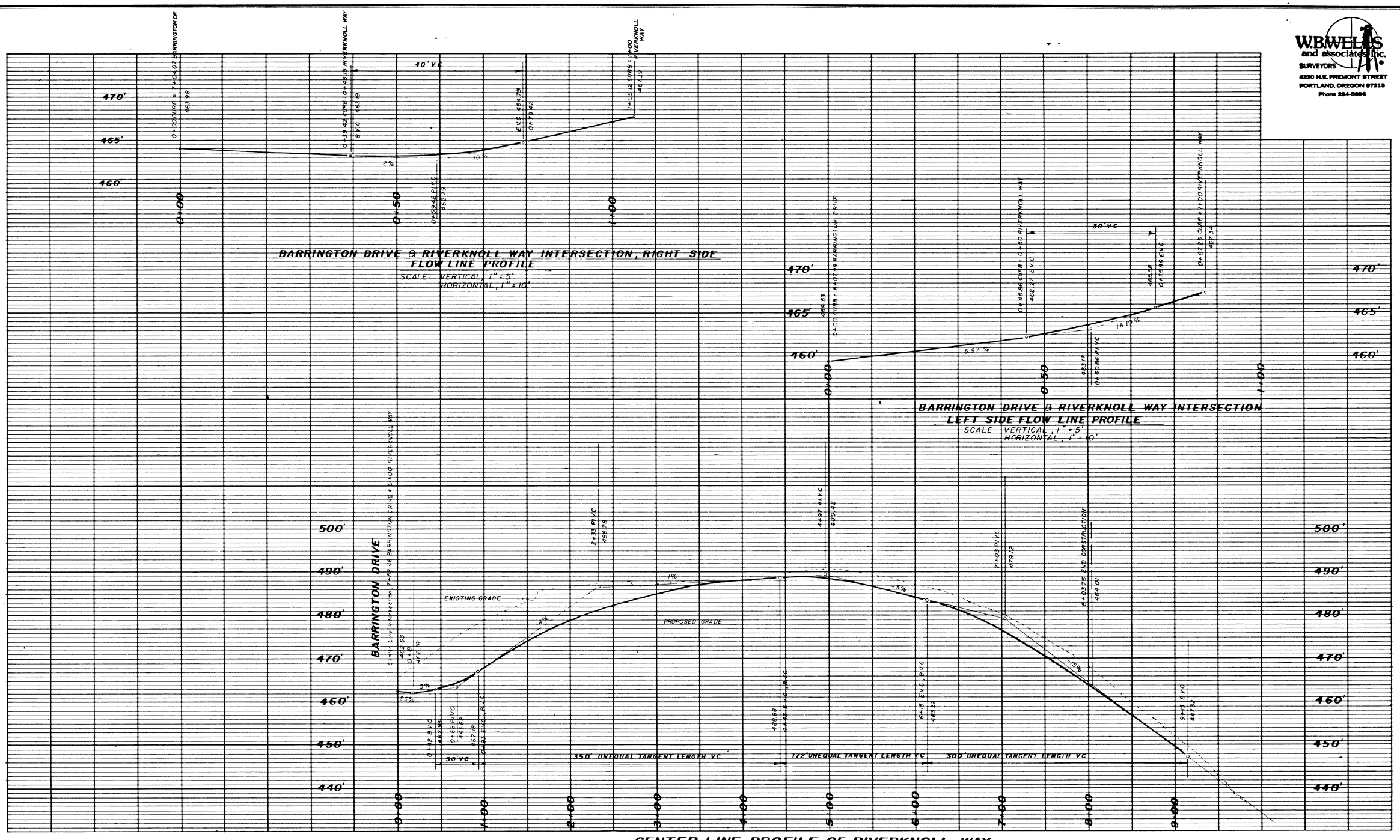
DESIGNED: BSS
DRAWN: BSS
CHECKED: GMJ, DWM
DATE: MAY, 1985
SCALE: 1" = 50', 1" = 10'
REVISED

CITY OF WEST LINN
DEPT. OF PUBLIC WORKS
AL STEININGER
PUBLIC WORKS DIRECTOR

PHASE I
BARRINGTON HEIGHTS
FOR: IMPERIAL DEVELOPMENT INC.

CENTER-LINE PROFILES AND
CURB RETURN FLOW LINE PROFILES
OF BARRINGTON WAY

W.B.WELLS and associates inc.
SURVEYORS
4230 N.E. FREMONT STREET
PORTLAND, OREGON 97213
Phone 284-5896



CENTER-LINE PROFILE OF RIVERKNOLL WAY
SCALE: VERTICAL, 1" = 10'
HORIZONTAL, 1" = 50'

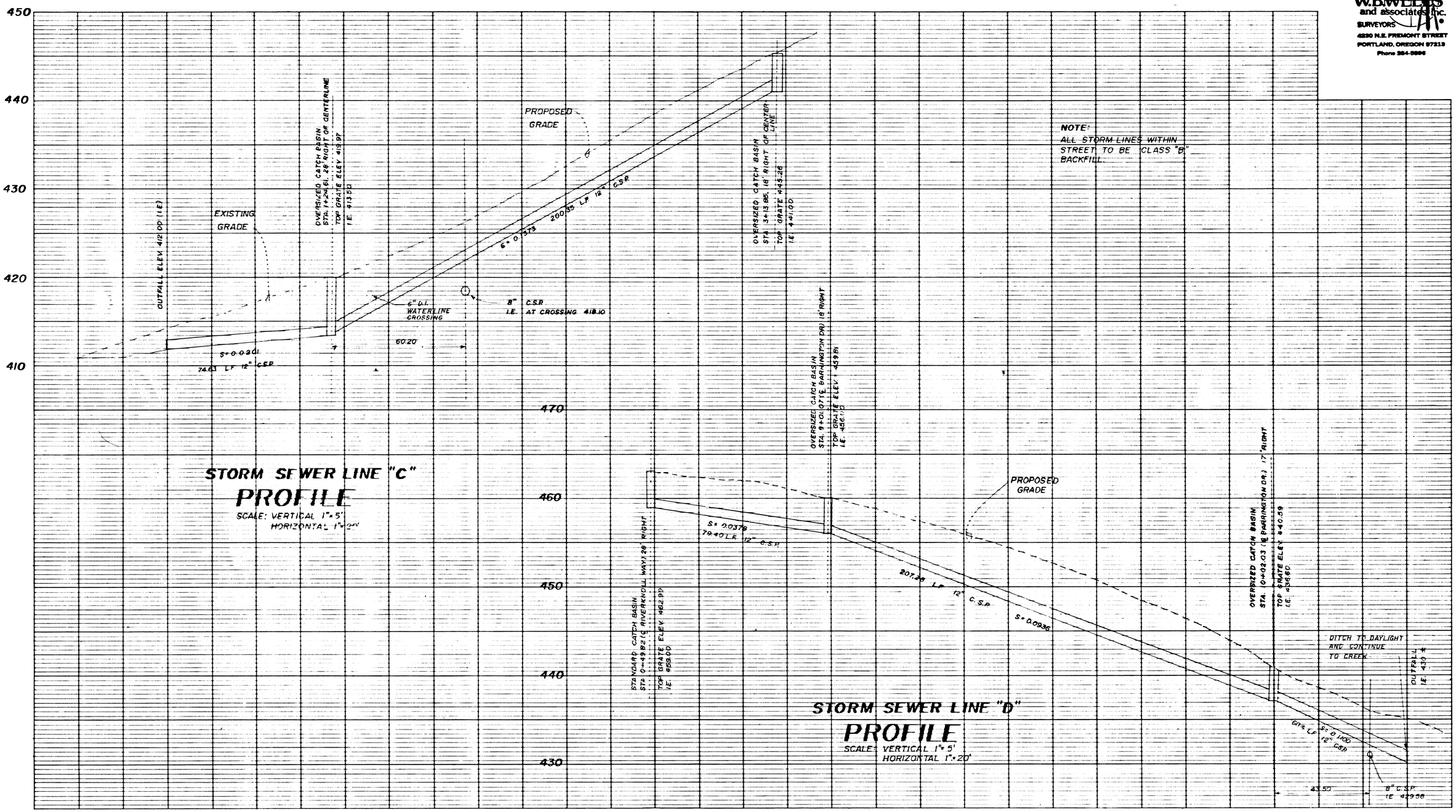
APPROVED 6-17-85

DESIGNED BSS
DRAWN BSS
CHECKED GMJ, DWM
DATE MAY 1985
SCALE AS SHOWN
REVISED 6-4-85

CITY OF WEST LINN
DEPT. OF PUBLIC WORKS
AL STEININGER
PUBLIC WORKS DIRECTOR

PHASE I
BARRINGTON HEIGHTS
FOR: IMPERIAL DEVELOPMENT INC.

CENTER-LINE PROFILES AND CURB RETURN FLOW LINE PROFILES OF RIVERKNOLL WAY



STORM SEWER LINE "C"
PROFILE
SCALE: VERTICAL 1"=5'
HORIZONTAL 1"=20'

STORM SEWER LINE "D"
PROFILE
SCALE: VERTICAL 1"=5'
HORIZONTAL 1"=20'

W.B. WELLS and associates inc.
SURVEYORS
4230 N.E. FREMONT STREET
PORTLAND, OREGON 97213
Phone 284-5896

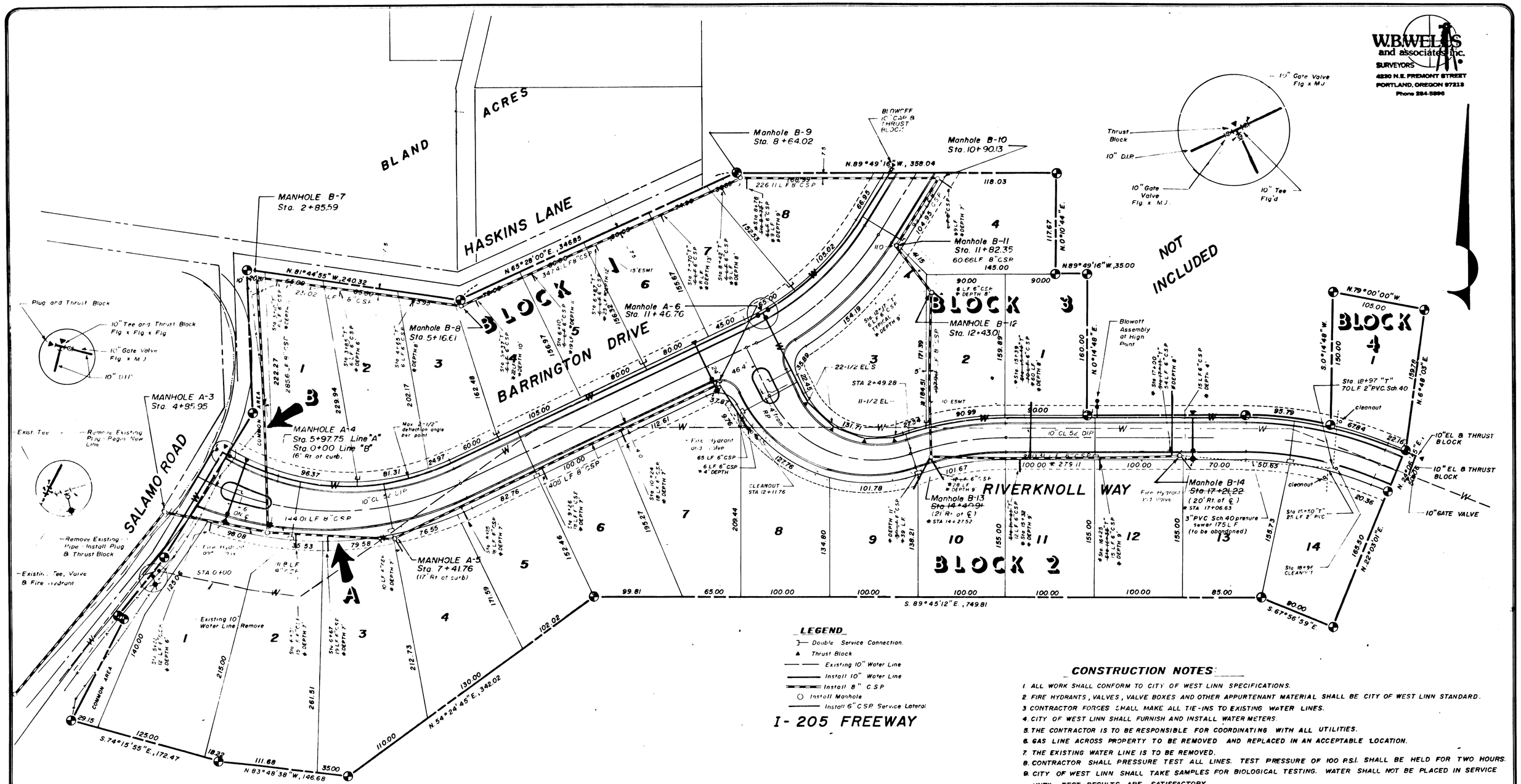
APPROVED 6-17-85

DESIGNED B.S.S.
DRAWN B.S.S.
CHECKED GAIJ D.W.M.
DATE MAY 1985
SCALE SEE ABOVE
REVISED 6-12-85

CITY OF WEST LINN
DEPT. OF PUBLIC WORKS
AL STEININGER
PUBLIC WORKS DIRECTOR

PHASE I
BARRINGTON HEIGHTS
FOR: IMPERIAL DEVELOPMENT INC.

STORM SEWER PROFILE
LINE "C" & LINE "D"



CONSTRUCTION NOTES:

1. ALL WORK SHALL CONFORM TO CITY OF WEST LINN SPECIFICATIONS.
2. FIRE HYDRANTS, VALVES, VALVE BOXES AND OTHER APPURTENANT MATERIAL SHALL BE CITY OF WEST LINN STANDARD.
3. CONTRACTOR FORCES SHALL MAKE ALL TIE-INS TO EXISTING WATER LINES.
4. CITY OF WEST LINN SHALL FURNISH AND INSTALL WATER METERS.
5. THE CONTRACTOR IS TO BE RESPONSIBLE FOR COORDINATING WITH ALL UTILITIES.
6. GAS LINE ACROSS PROPERTY TO BE REMOVED AND REPLACED IN AN ACCEPTABLE LOCATION.
7. THE EXISTING WATER LINE IS TO BE REMOVED.
8. CONTRACTOR SHALL PRESSURE TEST ALL LINES. TEST PRESSURE OF 100 P.S.I. SHALL BE HELD FOR TWO HOURS.
9. CITY OF WEST LINN SHALL TAKE SAMPLES FOR BIOLOGICAL TESTING. WATER SHALL NOT BE PLACED IN SERVICE UNTIL TEST RESULTS ARE SATISFACTORY.
10. MARK END OF SEWER SERVICE LATERALS WITH P.T. 2 X 4 X 4'-0 LONG PROJECTING 6" ABOVE GROUND WITH 2" X 4" ALUMINUM PLATE MARKED "SEWER LATERAL".

NOTES:

1. For plan of san. sewer from Sta. 0+00 to Sta. 4+85.95 see sheet 9
2. Lot 1, Block 4 and Lot 14, Block 2 will pump to Manhole A-8 until the gravity sewer for stage 2 is completed, at which time they will connect to gravity sewer

* AS BUILTS 11-20-85

APPROVED 6-17-85

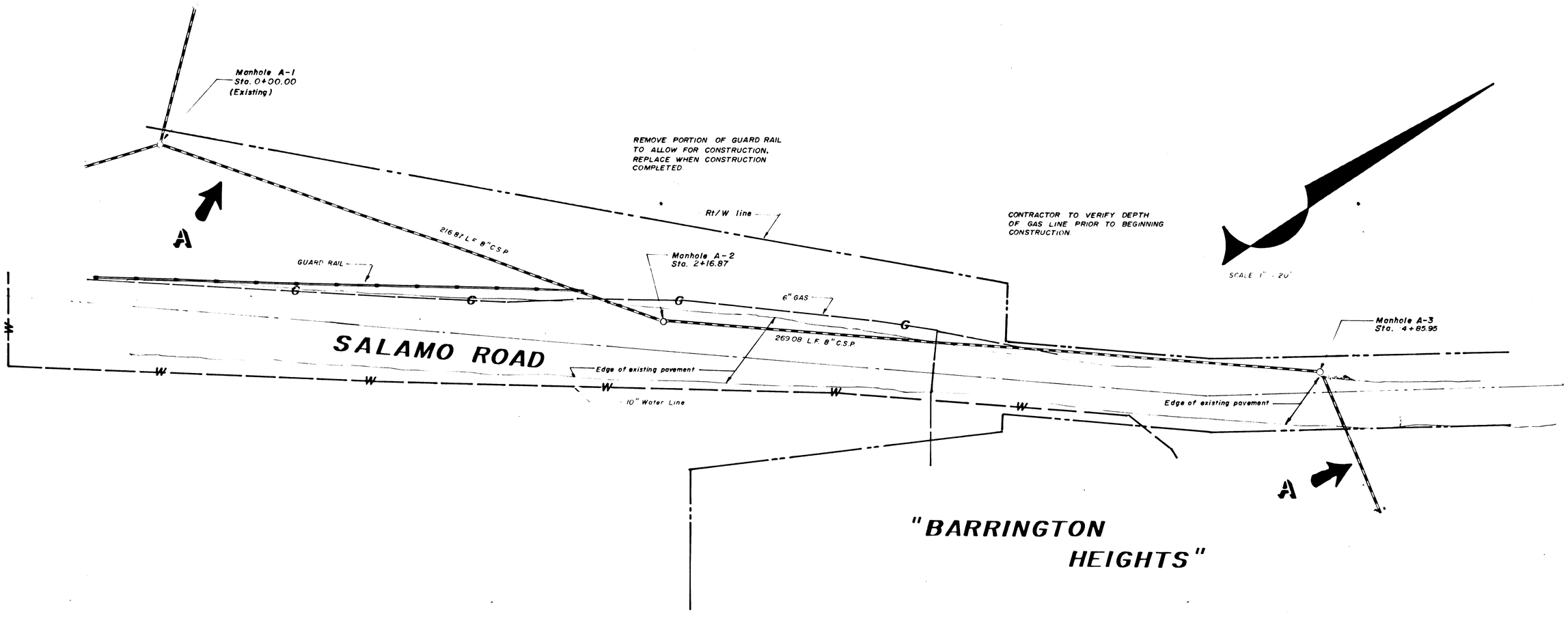
DESIGNED: B.S.S.
DRAWN: B.S.S.
CHECKED: SMD, DWM
DATE: MAY, 1984
SCALE: 1" = 50'
REVISED: 8-11-86

CITY OF WEST LINN
DEPT. OF PUBLIC WORKS
AL STEININGER
PUBLIC WORKS DIRECTOR

PHASE I
BARRINGTON HEIGHTS
FOR: IMPERIAL DEVELOPMENT INC.

SANITARY SEWER PLAN
WATER LINE PLAN

W.B.WELLS and associates inc.
SURVEYORS
4230 N.E. FREMONT STREET
PORTLAND, OREGON 97213
Phone 284-5896



APPROVED 6-17-85

DESIGNED: B.S.S.
DRAWN: B.S.S.
CHECKED: GMJ, LWM
DATE: MAY 1985
SCALE: 1" = 20'
REVISED: 6-12-85

CITY OF WEST LINN
DEPT. OF PUBLIC WORKS
AL STEININGER
PUBLIC WORKS DIRECTOR

PHASE I
BARRINGTON HEIGHTS
FOR: IMPERIAL DEVELOPMENT INC.

SANITARY SEWER PLAN
LINE "A" STA. 0+00.00 to STA. 4+85.95

W.B.WELLS and associates inc.
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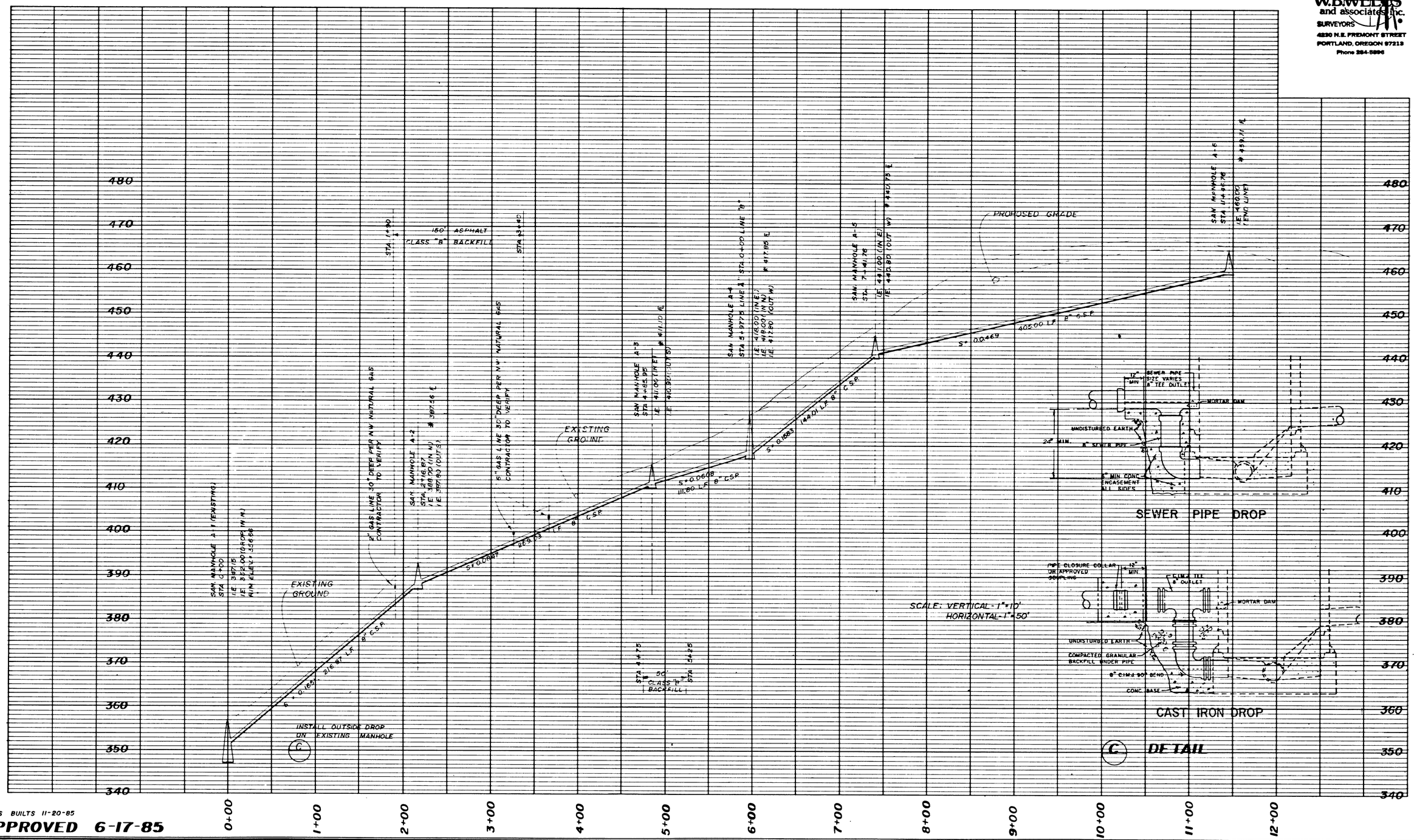
4230 N.E. FREMONT STREET
PORTLAND, OREGON 97213
Phone 284-5896



* AS BUILTS 11-20-85

APPROVED 6-17-85

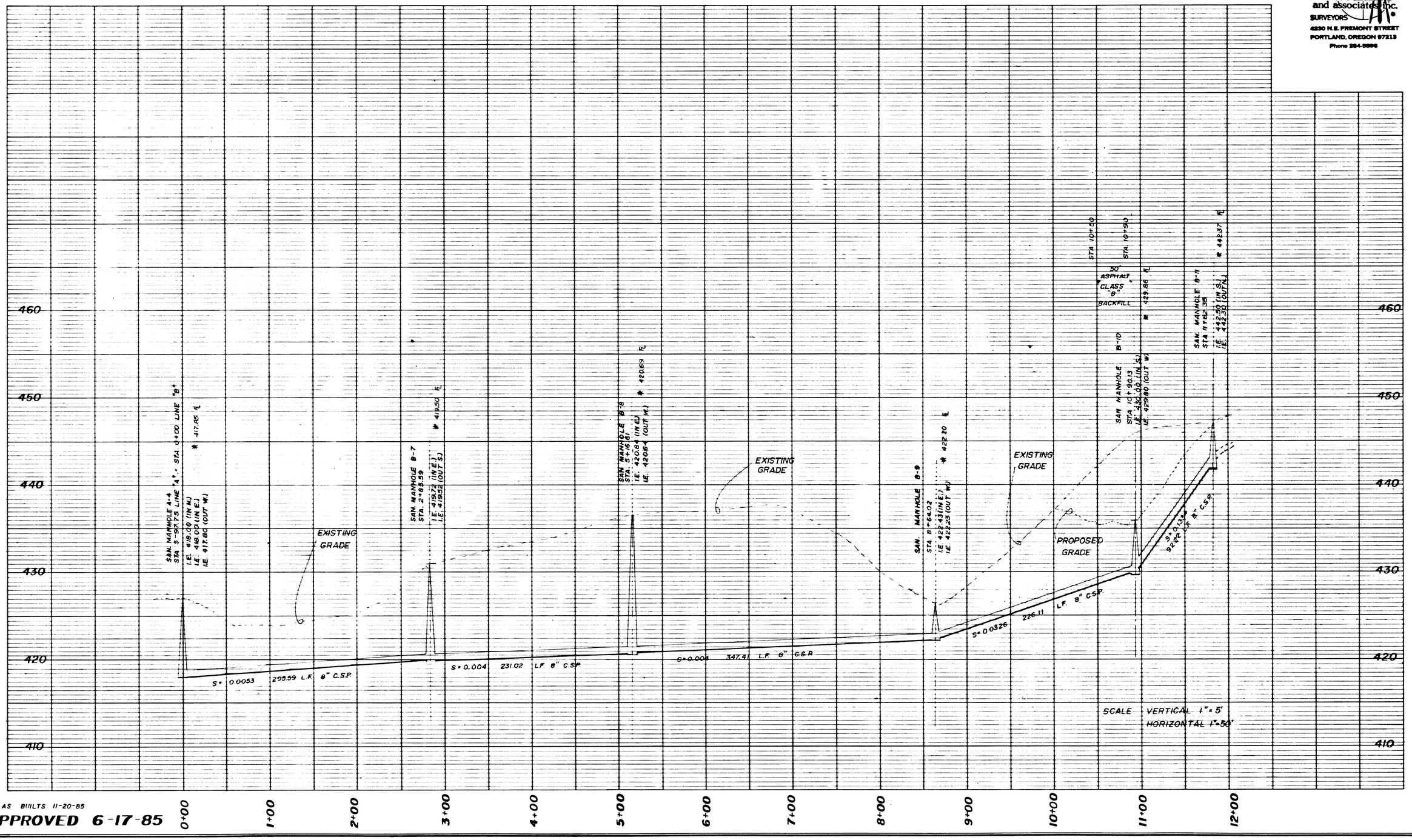
DESIGNED BSS
DRAWN BSS
CHECKED GMJ, DWM
DATE MAY, 1985
SCALE 1"=50' 1"=10'
REVISED 8-21-85

CITY OF WEST LINN
DEPT. OF PUBLIC WORKS
AL STEININGER
PUBLIC WORKS DIRECTOR

PHASE I
BARRINGTON HEIGHTS
FOR: IMPERIAL DEVELOPMENT INC.

SANITARY SEWER PROFILE
LINE "A", STA 0+00 to STA 11+46.76

W.B. WELLS and associates inc.
SURVEYORS
4230 N.E. FREMONT STREET
PORTLAND, OREGON 97213
Phone 284-5896



* AS BUILTS 11-20-85

APPROVED 6-17-85

DESIGNED: B.S.S.
DRAWN: B.S.S.
CHECKED: G.M.J., DWM
DATE: MAY, 1985
SCALE: 1" = 5', 1" = 50'
REVISED: 6-10-85

CITY OF WEST LINN
DEPT. OF PUBLIC WORKS
AL STEININGER
PUBLIC WORKS DIRECTOR

PHASE I
BARRINGTON HEIGHTS
FOR: IMPERIAL DEVELOPMENT INC.

SANITARY SEWER PROFILE
LINE "B" STA 0+00 TO STA. 11+82.21

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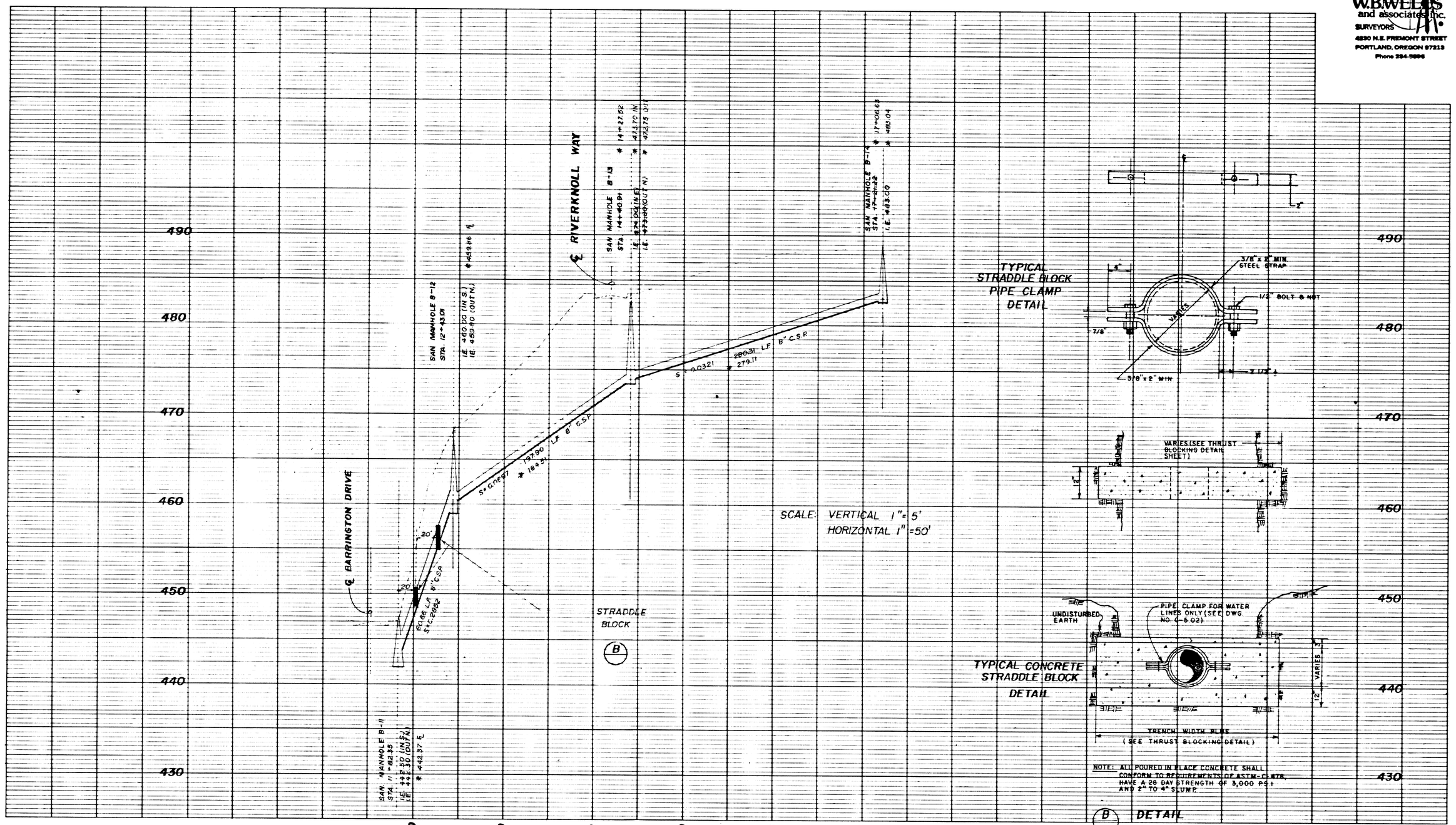
4230 N.E. FREMONT STREET
PORTLAND, OREGON 97213
Phone 284-5896



* AS BUILTS 11-20-85

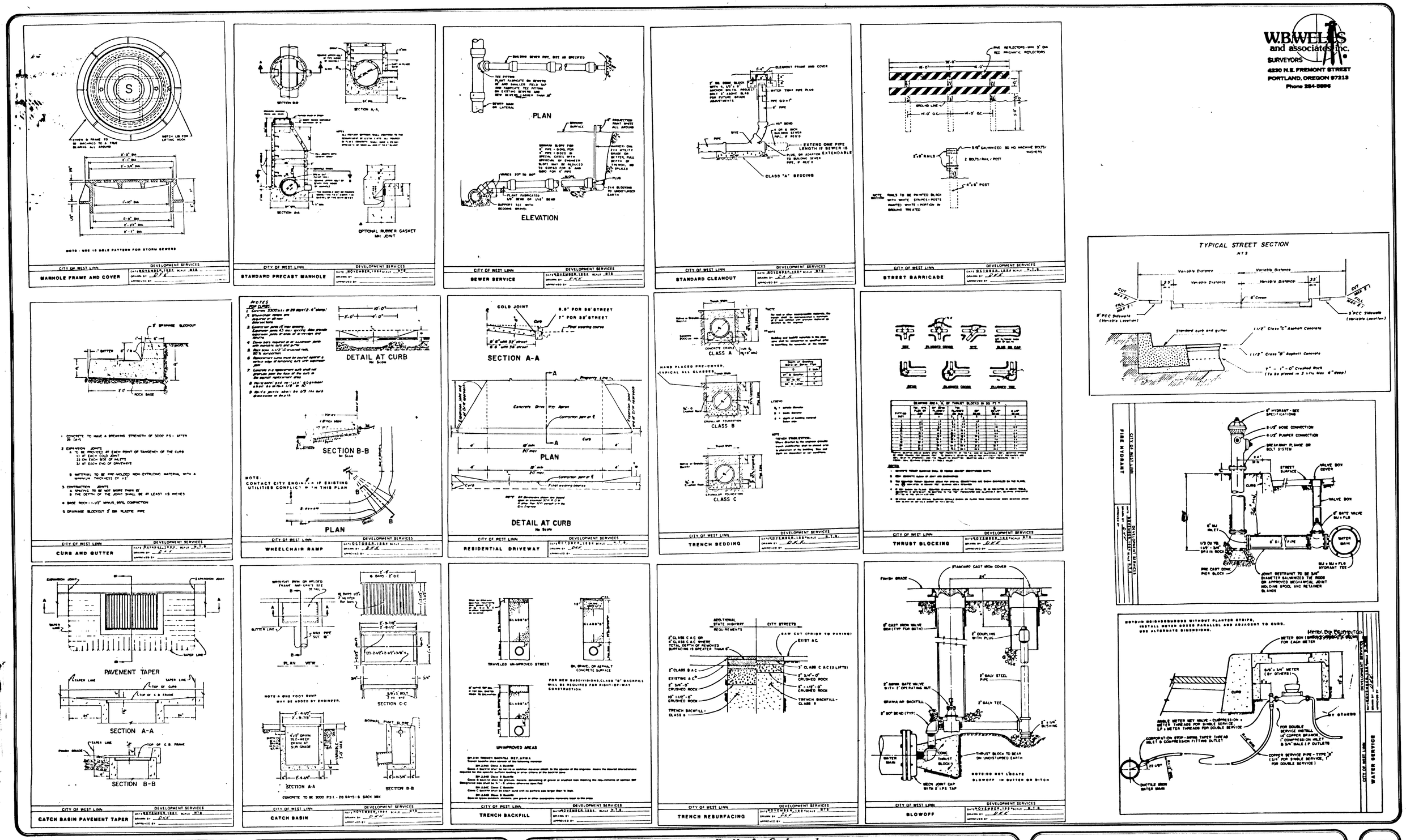
APPROVED 6-17-85

DESIGNED BSS
DRAWN BSS
CHECKED GMJ, DWM
DATE MAY 1985
SCALE 1"=50' 1"=5'
REVISED 6-10-85

CITY OF WEST LINN
DEPT. OF PUBLIC WORKS
AL STEININGER
PUBLIC WORKS DIRECTOR

PHASE I
BARRINGTON HEIGHTS
FOR: IMPERIAL DEVELOPMENT INC.

SANITARY SEWER PROFILE
LINE "B", STA. 11+82.35 TO STA. 17+21.22



DESIGNED BSS
DRAWN BSS
CHECKED GMI, DWM
DATE MAY, 1985
SCALE
REVISED

CITY OF WEST LINN
DEPT OF PUBLIC WORKS
AL STEININGER
PUBLIC WORKS DIRECTOR

PHASE I
BARRINGTON HEIGHTS
FOR: IMPERIAL DEVELOPMENT INC.

STANDARD DRAWINGS & DETAILS

13 of 13

APPROVED 6-17-85