PLAN & PROFILE

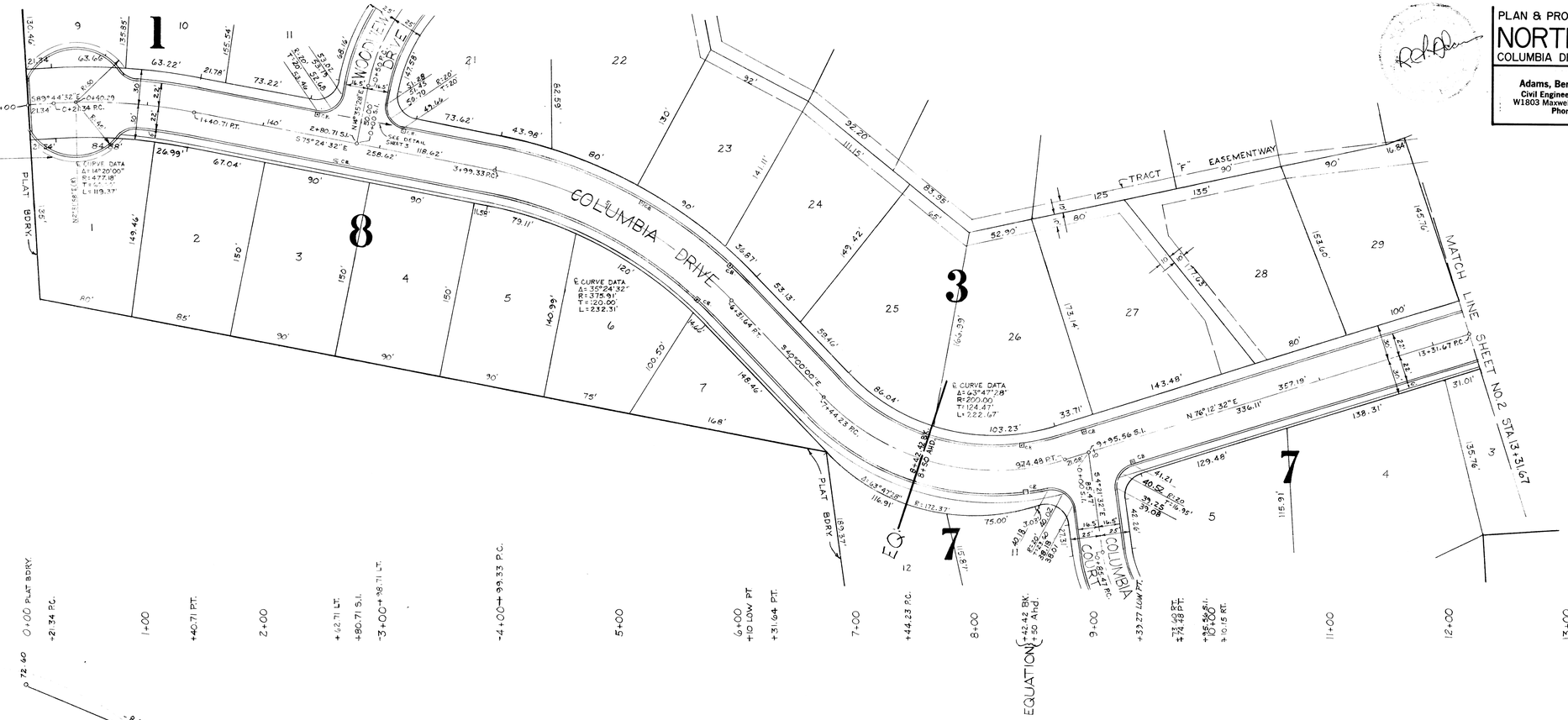
NORTHWOOD SECOND ADD'N

COLUMBIA DRIVE — SEC. 31, T. 26 N., R. 44 E.W.M.

Adams, Benthin & Clark, Inc.
Civil Engineers & Land Surveyors
W1803 Maxwell Spokane, WA 99201
Phone 328-5853

HOR.: 1"=50'	MAY, 1979	
VERT.: 1"=10'	F.B. 214-2	
DWN.: DrD	W.O. 78-358	

SHEET 1 OF 7



Elevation Datum:
BM: R/R Spike (Simpson) in 15" pine
SW Cor. Lot 7, Bk. 5 Northwood 1st Add.
Elev. 2231.96

NOTE:
1. All curbs less than 0.8% shall be scribed before paving.
2. See Sewer plans for drainage information.

N

Gary L. Nelson P.E. 3/26/80

PLAN & PROFILE

NORTHWOOD SECOND ADD'N

COLUMBIA DRIVE

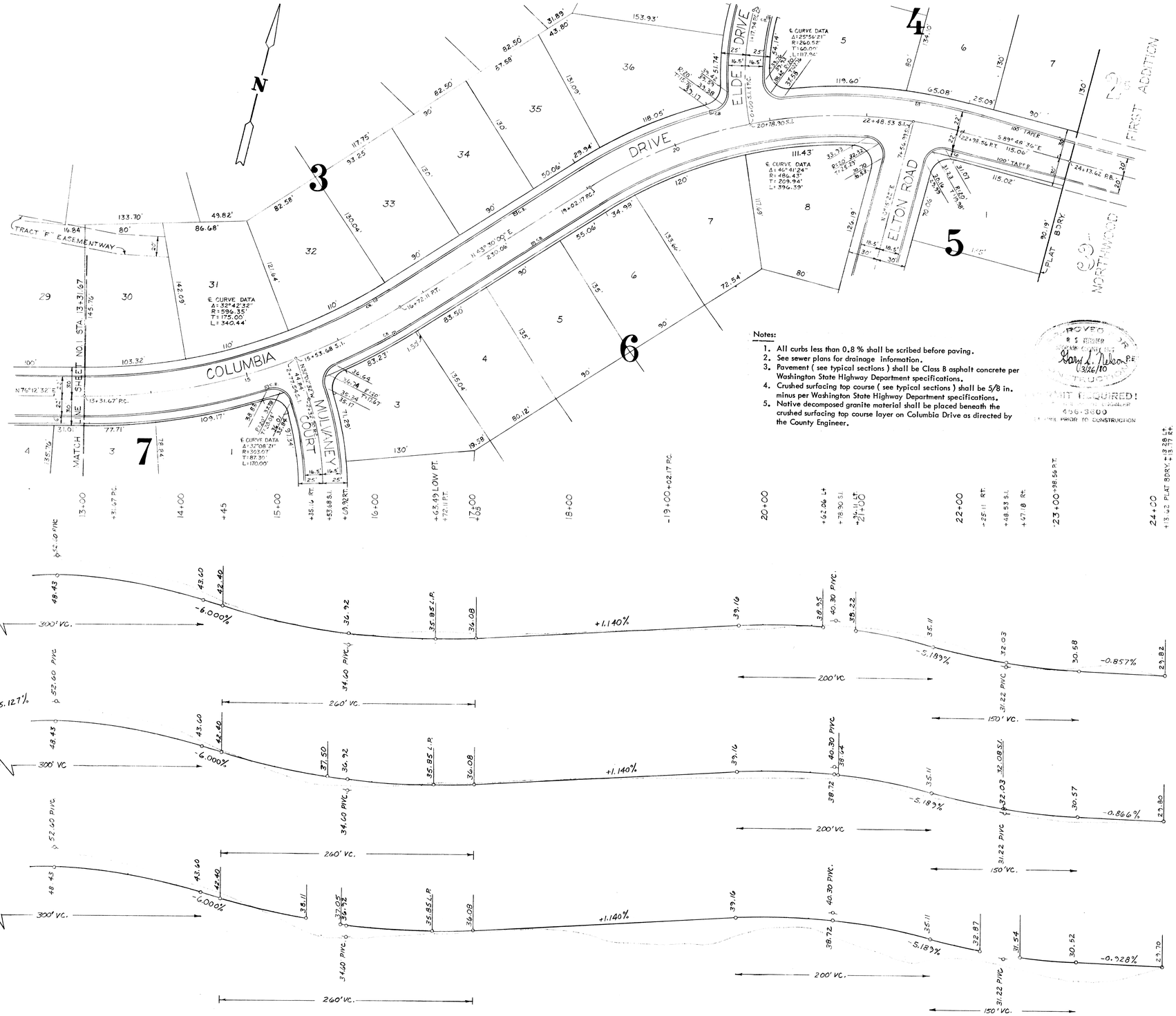
SEC. 31, T.26N., R.44 E.W.M.

Adams, Benthin & Clark, Inc.
Civil Engineers & Land Surveyors
W1803 Maxwell Spokane, WA 99201
Phone 328-5853

HOR.: 1"=50'	MAY, 1979
VERT.: 1"=10'	F.B. 214-2
DWN.: DrD	W.O. 78-358

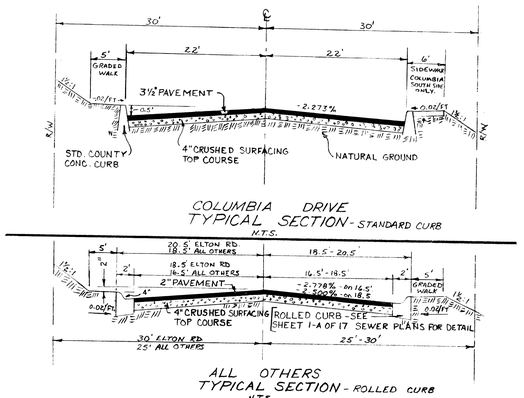
SHEET 2 OF 7

Elevation Datum:
BM: R/R Spike (Simpson) in 15" pine
SW Cor. Lot 7, Bk. 5 Northwood 1st Add.
Elev. 2231.96

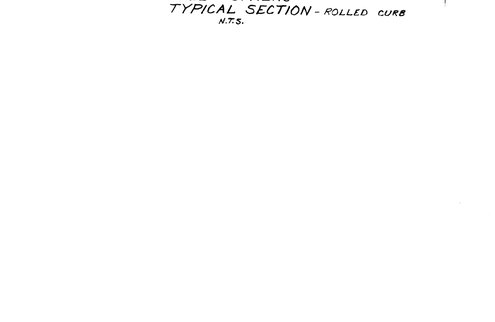


Notes:

1. All curbs less than 0.8 % shall be scribed before paving.
2. See sewer plans for drainage information.
3. Pavement (see typical sections) shall be Class B asphalt concrete per Washington State Highway Department specifications.
4. Crushed surfacing top course (see typical sections) shall be 5/8 in. minus per Washington State Highway Department specifications.
5. Native decomposed granite material shall be placed beneath the crushed surfacing top course layer on Columbia Drive as directed by the County Engineer.



COLUMBIA DRIVE
TYPICAL SECTION - STANDARD CURB
N.T.S.



ALL OTHERS
TYPICAL SECTION - ROLLED CURB
N.T.S.

PLAN & PROFILE

NORTHWOOD SECOND ADD'N.

WOODVIEW DRIVE — SEC. 31, T. 26N., R. 44E.W.M.

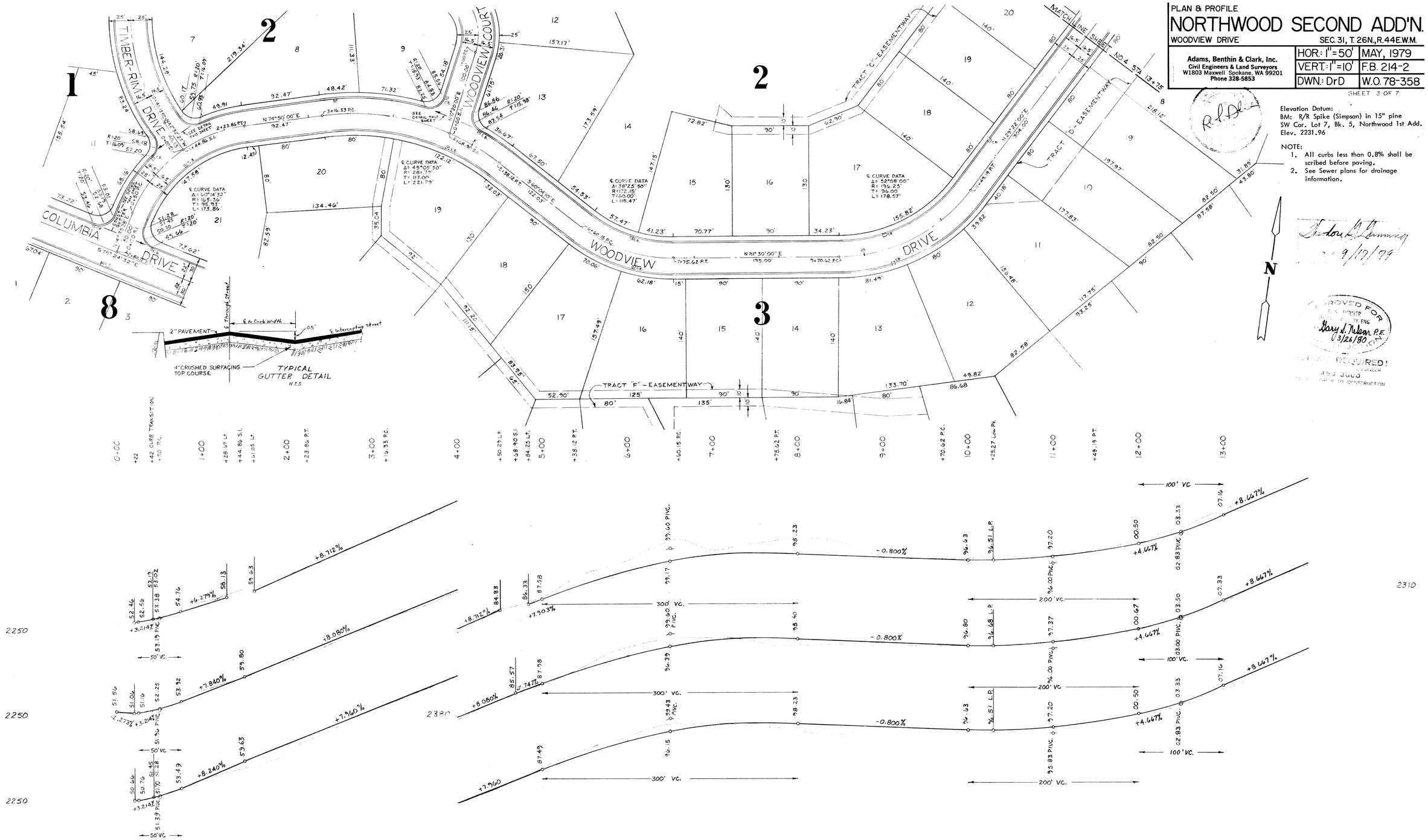
Adams, Benthin & Clark, Inc.
Civil Engineers & Land Surveyors
W1803 Maxwell Spokane, WA 99201
Phone 328-5853

HOR.: 1"=50'	MAY, 1979
VERT.: 1"=10'	F.B. 214-2
DWN.: DrD	W.O. 78-358

SHEET 3 OF 7

Elevation Datum:
BM: R/R Spike (Simpson) in 15" pine SW Cor. Lot 7, Bk. 5, Northwood 1st Add. Elev. 2231.96

NOTE:
1. All curbs less than 0.8% shall be scribed before paving.
2. See Sewer plans for drainage information.



Theodore G. Cumming
9/17/79

APPROVED FOR
R. S. TURNER
ASST. CITY ENG
Gary S. Nelson P.E.
3/26/80
SEAL REQUIRED!
453 3600
PRIOR TO CONSTRUCTION

PLAN & PROFILE

NORTHWOOD SECOND ADD'N.

WOODVIEW DRIVE & WOODVIEW COURT. SEC. 31, T.26N., R.44E.

Adams, Benthin & Clark, Inc.
Civil Engineers & Land Surveyors
W1803 Maxwell Spokane, WA 99201
Phone 328-5853

HOR.: 1" = 50'	MAY, 1979	
VERT.: 1" = 10'	F.B. 214-2	
DWN.: DrD	W.O. 78-358	

SHEET 4 OF 7

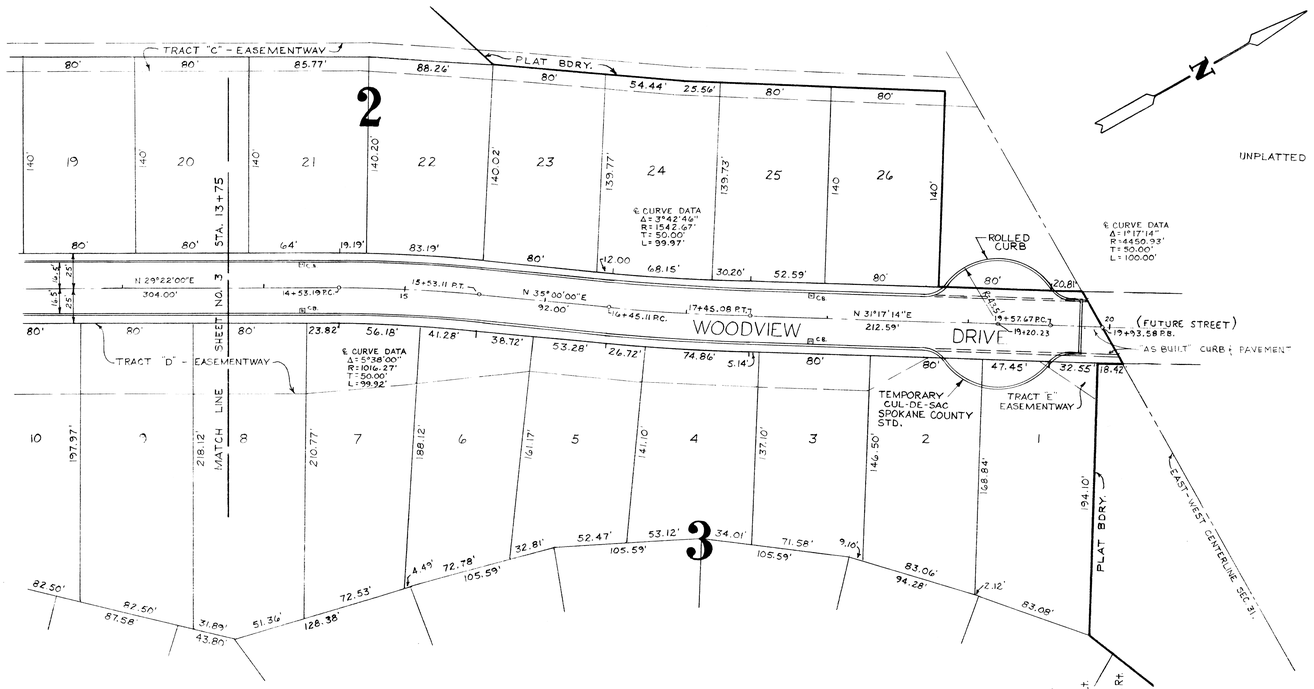
Andrew B. Benning
9/17/79

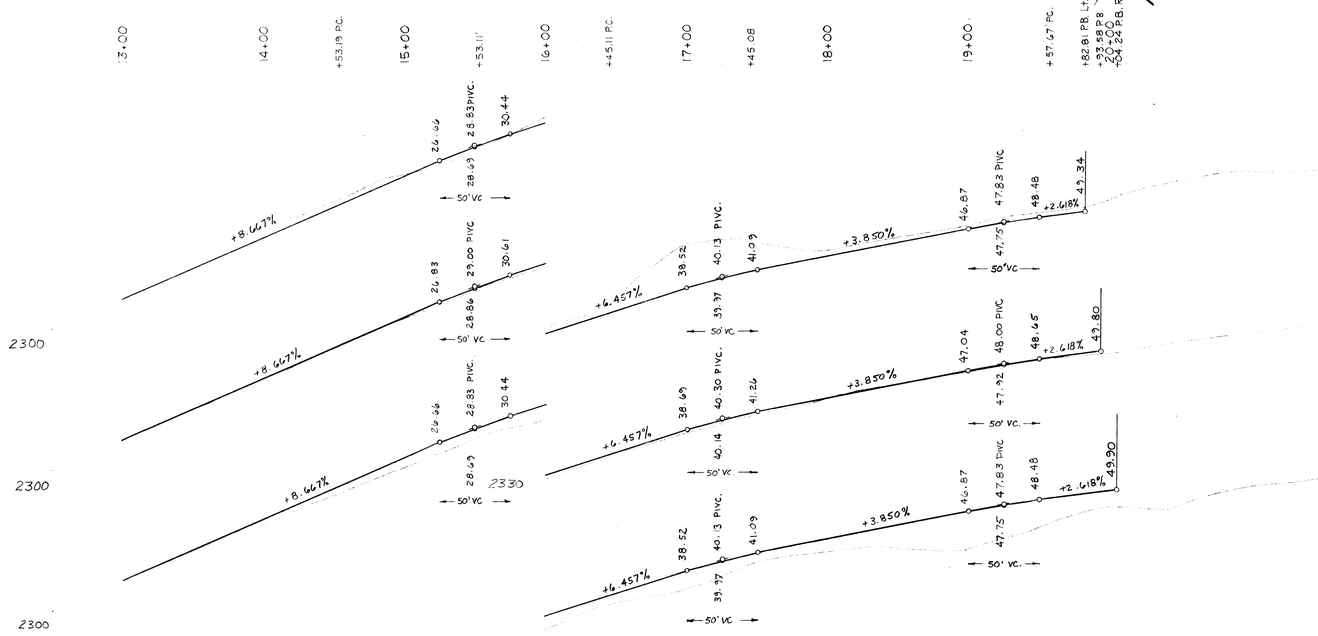
APPROVED FOR
R. S. TURNER
SPOKANE COUNTY ENG
Gary S. Nelson P.E.
3/26/80
CONSTRUCTION

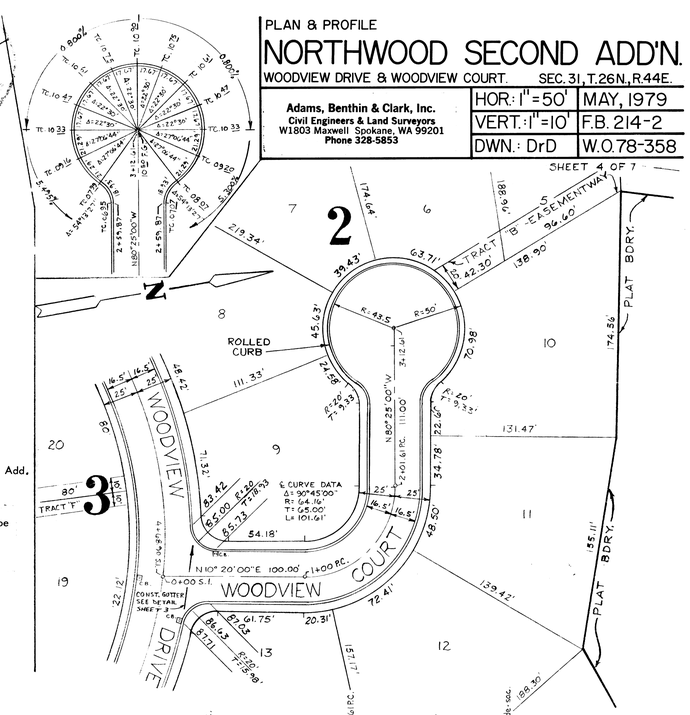
PERMIT REQUIRED!
CALL THE COUNTY ENGINEER
456-3600
PRIOR TO CONSTRUCTION

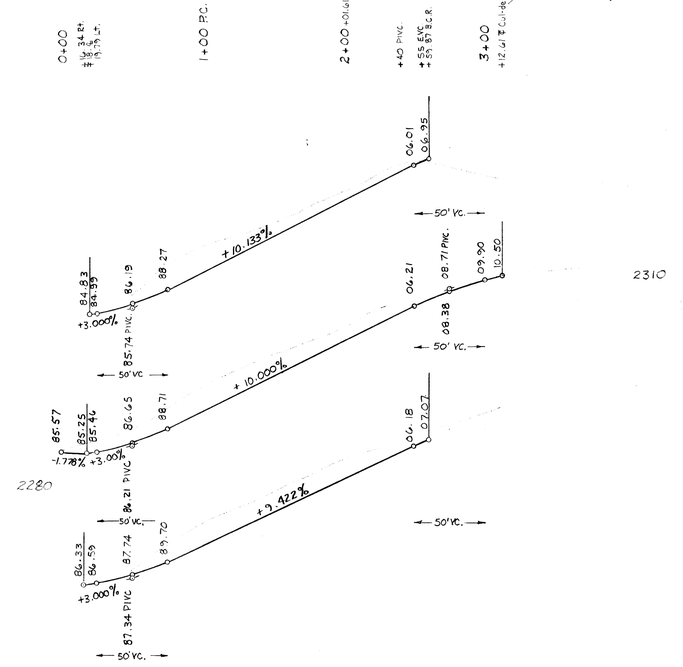
Elevation Datum:
BM: R/R Spike (Simpson) in 15" pine
SW Cor. Lot 7, Bk. 5 Northwood 1st Add.
Elev. 2231.96

NOTE:
1. All curbs less than 0.8% shall be scribed before paving.
2. See Sewer plans for drainage information.









PLAN & PROFILE

NORTHWOOD SECOND ADD'N.

TIMBER-RIM DRIVE & COLUMBIA COURT — SEC. 31, T.26N., R.44E.W.M.

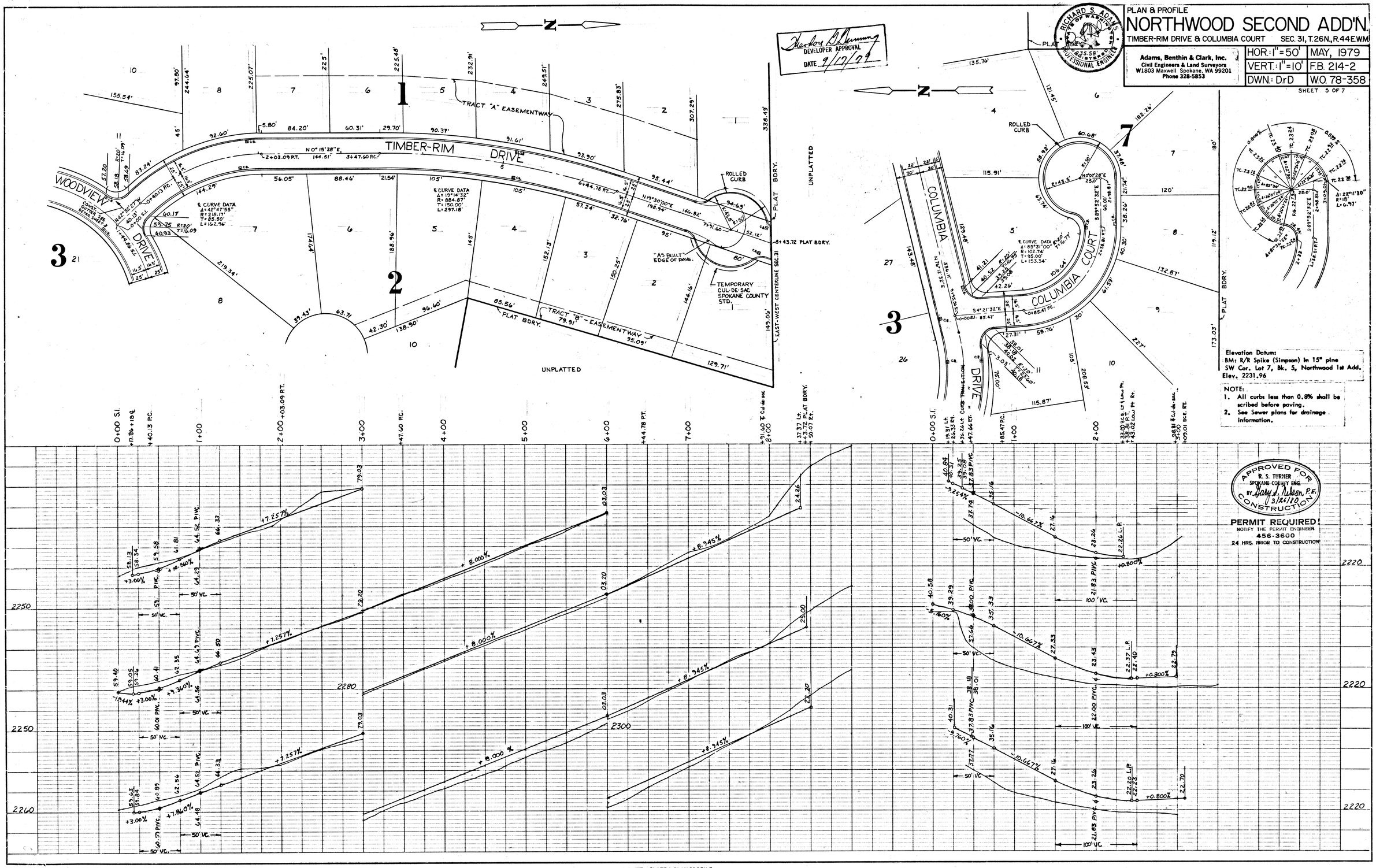
Adams, Benthin & Clark, Inc.
Civil Engineers & Land Surveyors
W1803 Maxwell Spokane, WA 99201
Phone 328-5853

HOR.: 1"=50'	MAY, 1979	
VERT.: 1"=10'	F.B. 214-2	
DWN.: D.r.D	W.O. 78-358	

SHEET 5 OF 7

RICHARD S. ADAMS — STATE OF WASHINGTON — 23558 — REGISTERED PROFESSIONAL ENGINEER

DEVELOPER APPROVAL
DATE 9/17/79



PLAN — SURVEYED ___ DRAWN ___ NOTE BOOK ___ ALIGNMENT CHECKED ___ No. ___ RT. OF WAY CHECKED ___

PROFILE — SURVEYED ___ DRAWN ___ NOTE BOOK ___ GRADES CHECKED ___ No. ___ ℄ & R.R. PLOTTED ___ ℄ & R.R. ALIGNMENT CHECKED ___

PLAN & PROFILE

NORTHWOOD SECOND ADD'N.

ELTON ROAD & ELTON COURT — SEC. 31, T.26N., R.44 E.W.M.

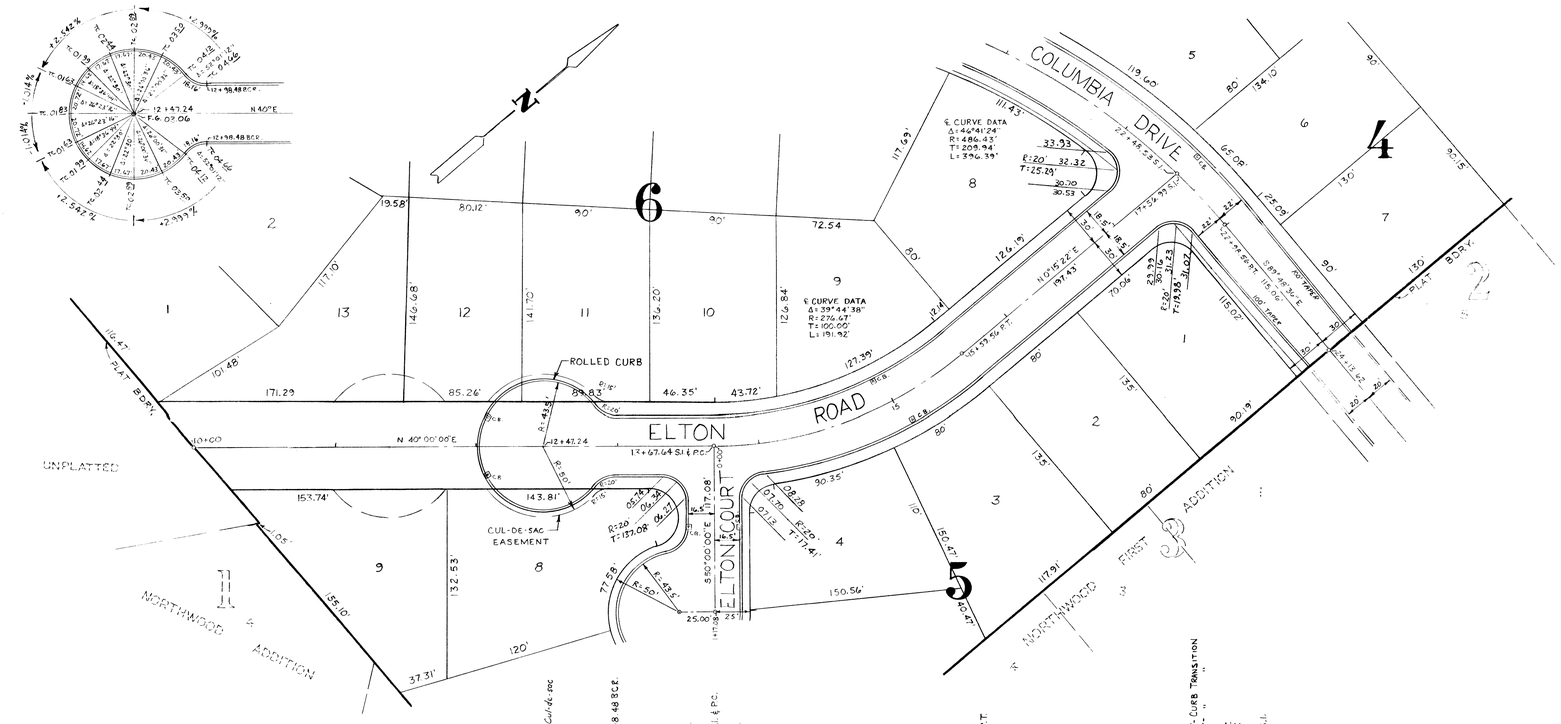
Adams, Benthin & Clark, Inc.
Civil Engineers & Land Surveyors
W1803 Maxwell Spokane, WA 99201
Phone 328-5853

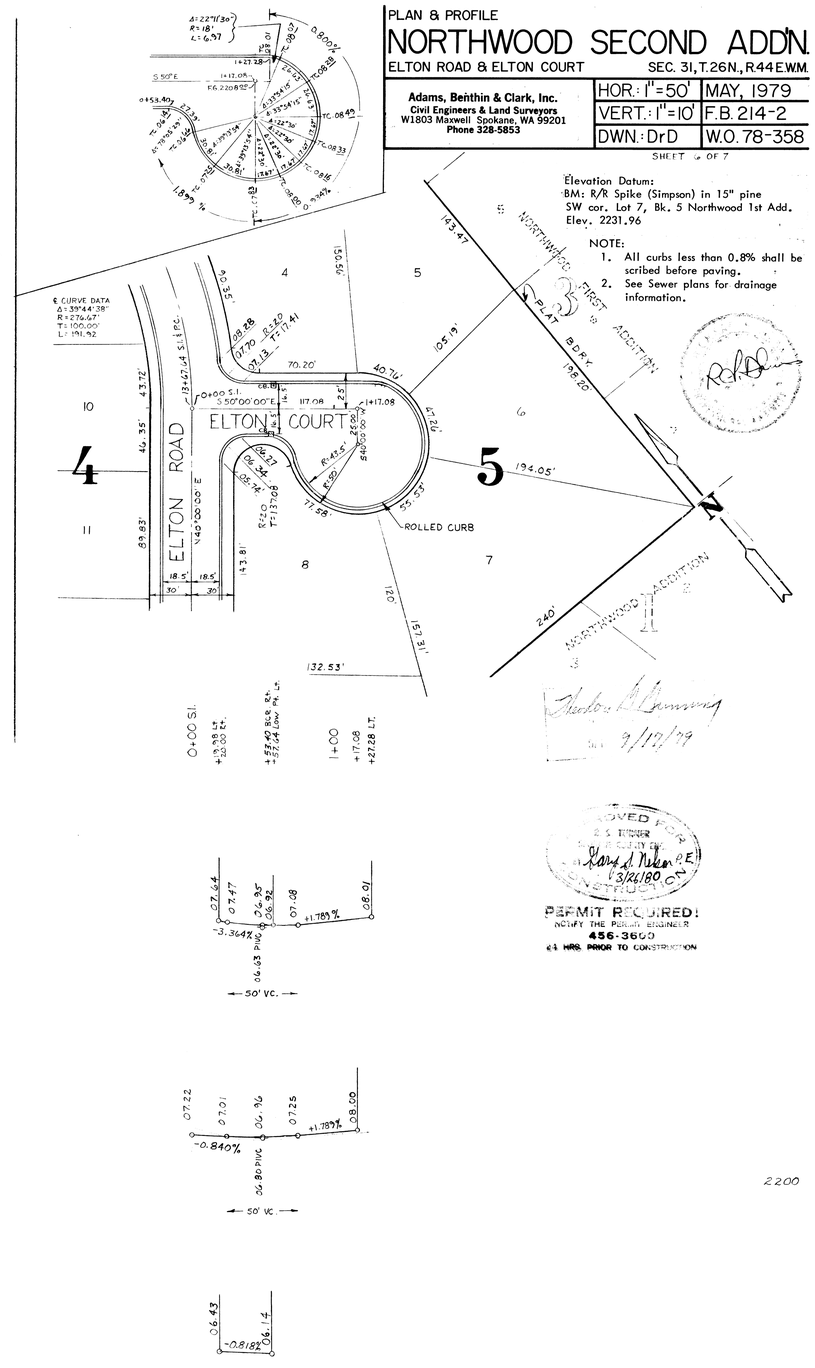
HOR.: 1"=50'	MAY, 1979
VERT.: 1"=10'	F.B. 214-2
DWN.: DrD	W.O. 78-358

SHEET 6 OF 7

Elevation Datum:
BM: R/R Spike (Simpson) in 15" pine SW cor. Lot 7, Bk. 5 Northwood 1st Add. Elev. 2231.96

NOTE:
1. All curbs less than 0.8% shall be scribed before paving.
2. See Sewer plans for drainage information.





Theodore A. Gunning
9/17/79

APPROVED FOR
R. S. TURNER
CHIEF, PROJECT ENGINEER
Gary J. Nelson P.E.
3/26/80
CONSTRUCTION

PERMIT REQUIRED!
NOTIFY THE PERMIT ENGINEER
456-3600
24 HRS. PRIOR TO CONSTRUCTION

PLAN & PROFILE

NORTHWOOD SECOND ADD'N.

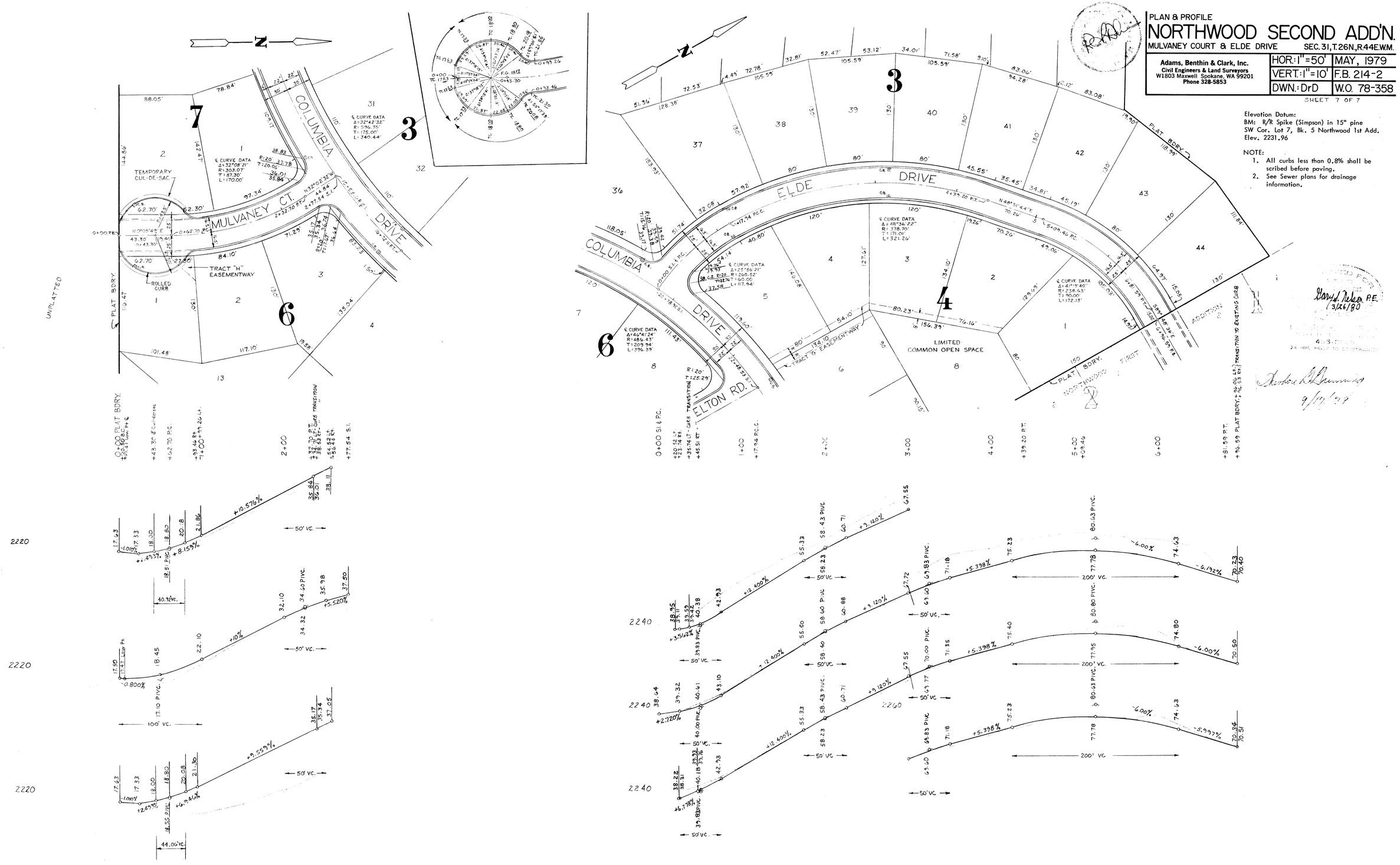
MULVANEY COURT & ELDE DRIVE SEC. 31, T. 26N., R. 44E. W.M.

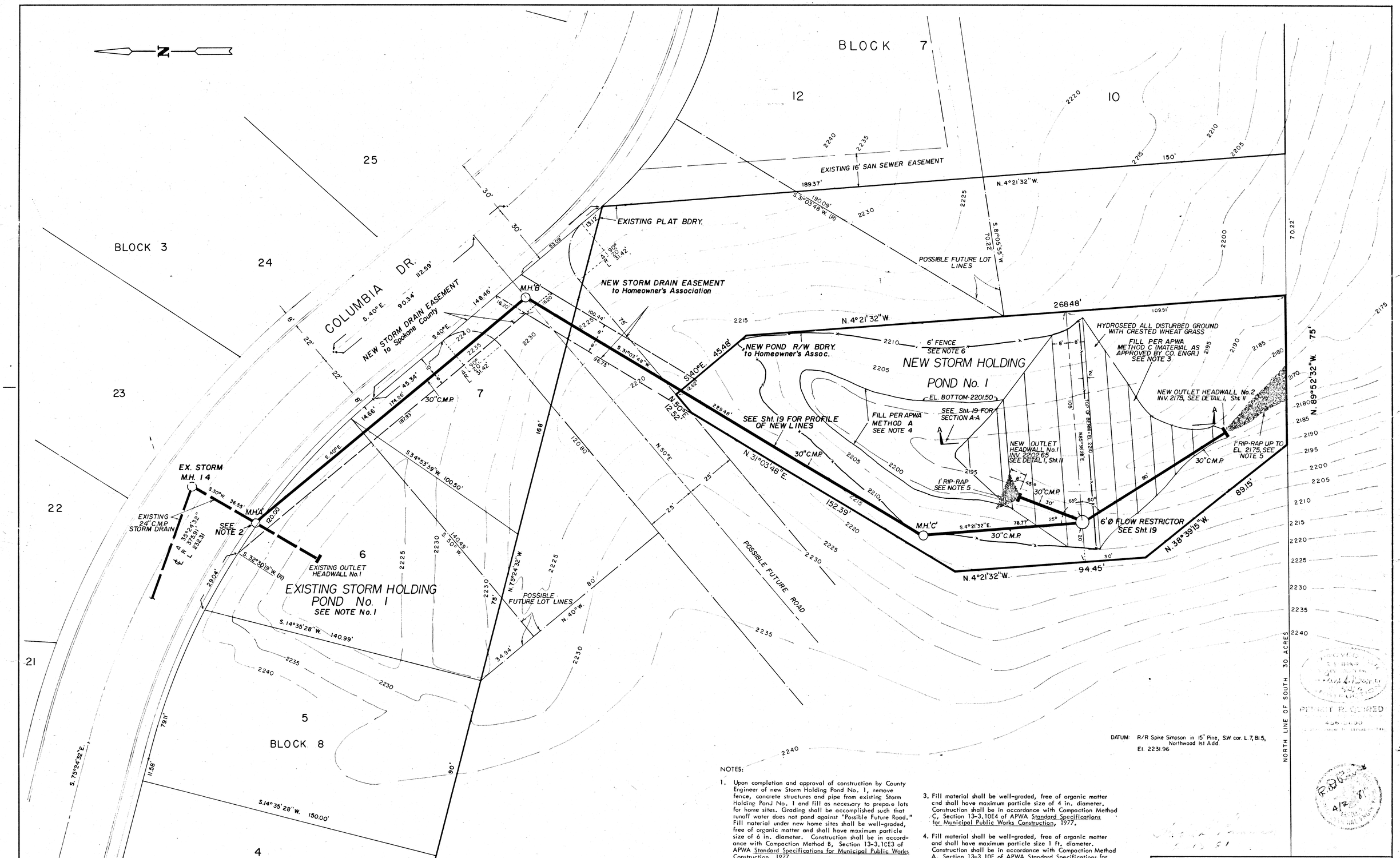
Adams, Benthin & Clark, Inc. Civil Engineers & Land Surveyors W1803 Maxwell Spokane, WA 99201 Phone 328-5853	HOR.: 1"=50'	MAY, 1979
	VERT.: 1"=10'	F.B. 214-2
	DWN.: DrD	W.O. 78-358

SHEET 7 OF 7

Elevation Datum:
BM: R/R Spike (Simpson) in 15" pine SW Cor. Lot 7, Bk. 5 Northwood 1st Add. Elev. 2231.96

NOTE:
1. All curbs less than 0.8% shall be scribed before paving.
2. See Sewer plans for drainage information.





DATUM: R/R Spike Simpson in 15" Pine, SW cor. L. 7, Bl. 5, Northwood 1st Add. El. 2231.96

NOTES:

1. Upon completion and approval of construction by County Engineer of new Storm Holding Pond No. 1, remove fence, concrete structures and pipe from existing Storm Holding Pond No. 1 and fill as necessary to prepare lots for home sites. Grading shall be accomplished such that runoff water does not pond against "Possible Future Road." Fill material under new home sites shall be well-graded, free of organic matter and shall have maximum particle size of 6 in. diameter. Construction shall be in accordance with Compaction Method B, Section 13-3.10E3 of APWA Standard Specifications for Municipal Public Works Construction, 1977.

2. Connect existing 24 in. storm drain to north side of M.H. "A" only. This connection shall be made as last step in construction of new Storm Holding Pond No. 1 and shall be made only after approval to do so is given by County Engineer.

3. Fill material shall be well-graded, free of organic matter and shall have maximum particle size of 4 in. diameter. Construction shall be in accordance with Compaction Method C, Section 13-3.10E4 of APWA Standard Specifications for Municipal Public Works Construction, 1977.

4. Fill material shall be well-graded, free of organic matter and shall have maximum particle size 1 ft. diameter. Construction shall be in accordance with Compaction Method A, Section 13-3.10E of APWA Standard Specifications for Municipal Public Works Construction, 1977.

5. Rip-rap shall be hand placed per Sections 8-15.3 (3) and 9-13.2 of State of Washington, Standard Specifications for Road and Bridge Construction, 1977.

6. Construct 6 ft. high fence around new Storm Holding Pond No. 1. Fence may be located anywhere between Elev. 2210 (as shown) and the new pond right-of-way boundary with 10 ft. wide swing gate at any easement.

NEW STORM HOLDING POND No. 1 PLAN
NORTHWOOD SECOND ADD.

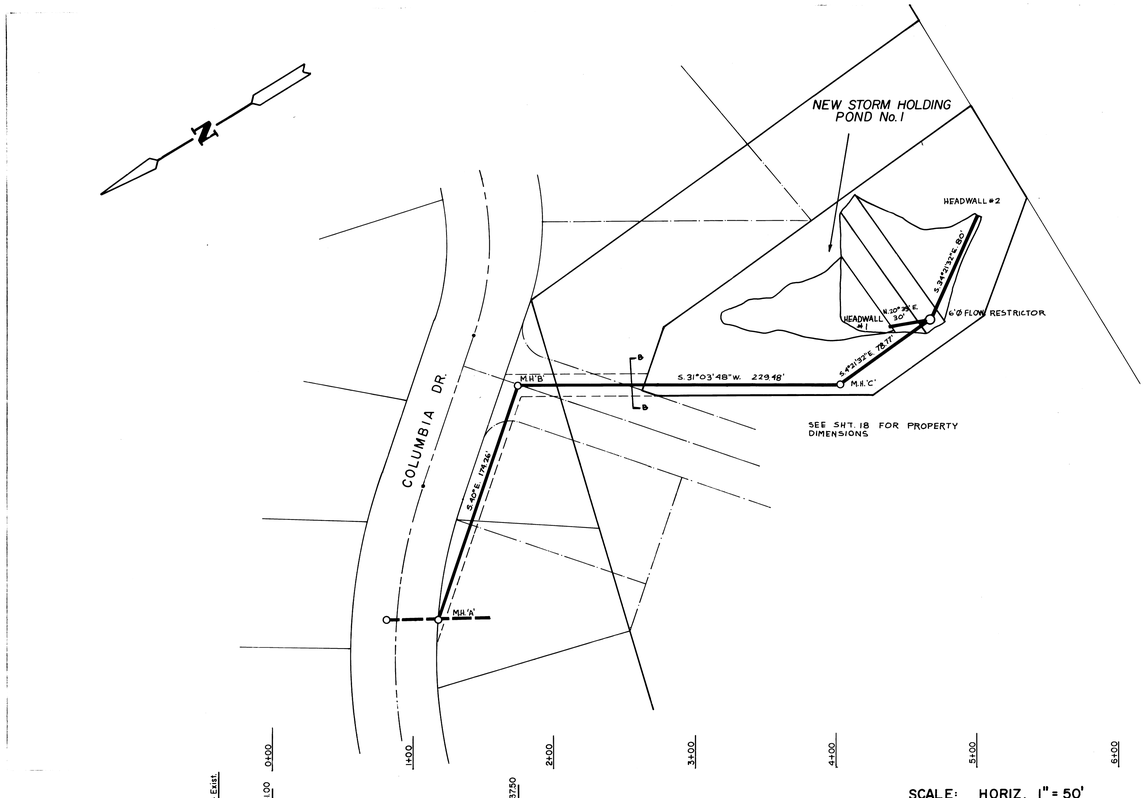
SHEET 18 OF 19

Adams, Benthin & Clark, Inc. Civil Engineers & Land Surveyors W1803 Maxwell Spokane, WA 99201 Phone 328-5853	DATE: APRIL, 1981	DWN: V.L.T.
	SCALE: 1" = 20'	F.B. No.: 214-2
	FOR: GUNNING	W.O. No.: 81-47

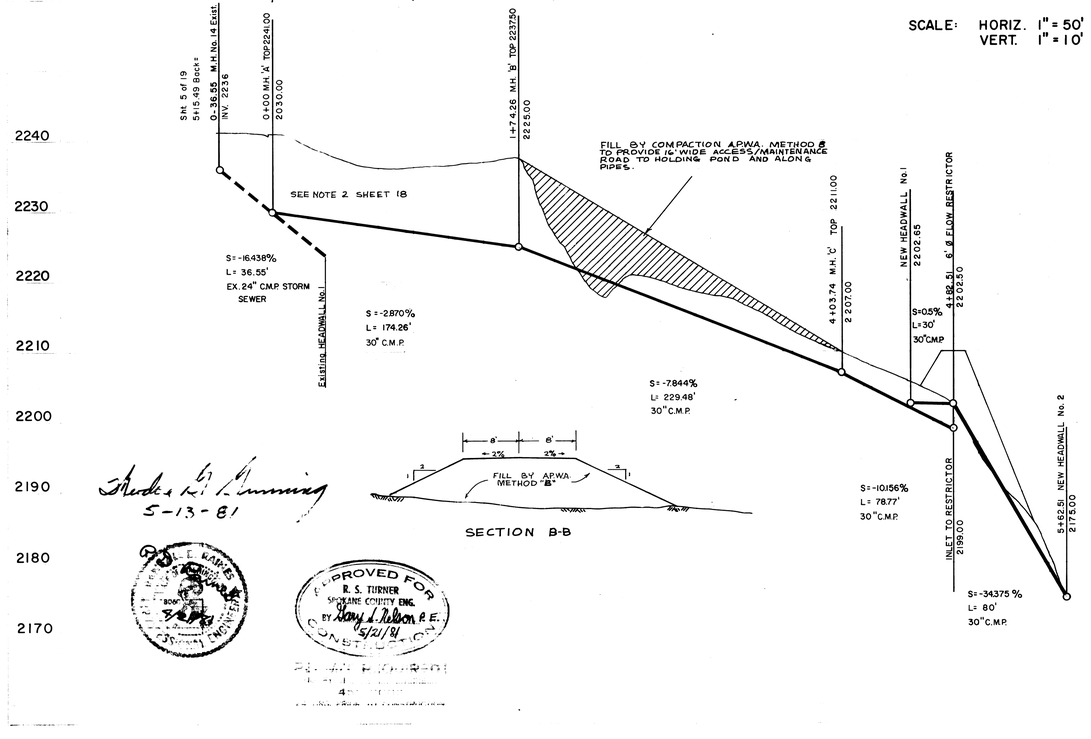
NEW STORM HOLDING POND No. 1 PROFILE & DETAIL
NORTHWOOD SECOND ADD.

SHEET 19 OF 19

Adams, Benthin & Clark, Inc. Civil Engineers & Land Surveyors W1803 Maxwell Spokane, WA 99201 Phone 328-5853	DATE: APRIL, 1981	DWN: V.L.T
	SCALE: NOTED	F.B. No.: 214-2
	FOR: GUNNING	W.O. No.: 81-47



SCALE: HORIZ. 1" = 50'
VERT. 1" = 10'

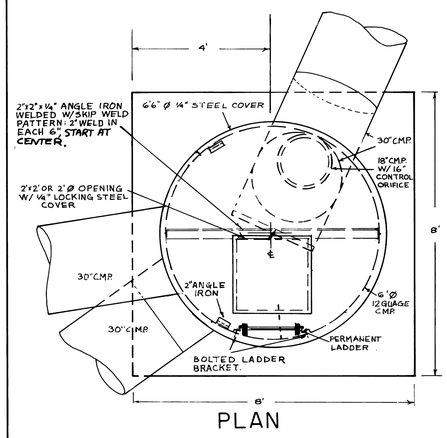


SECTION B-B

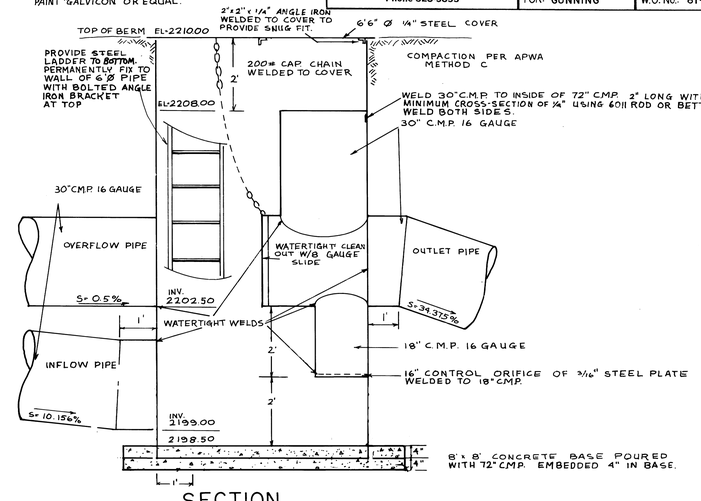
Stephen R. Gunning
5-13-81

APPROVED FOR
R. S. TURNER
SPOKANE COUNTY ENG.
BY Gary L. Nelson, P.E.
5/21/81

NOTES:
ALL METAL PARTS AND SURFACES MUST BE MADE OF CORROSION RESISTANT MATERIAL OR GALVANIZED.
ALL WELDS SHALL BE PROTECTED FROM CORROSION AND LEAKAGE.
ALL WELDS SHALL CONFORM TO W.S.H.C. 9-06.54 STANDARD SPECS. FOR ROAD & BRIDGE CONSTRUCTION
ALL WELDS SHALL BE PAINTED WITH RUST INHIBITOR PAINT "GALVICON" OR EQUAL.



PLAN

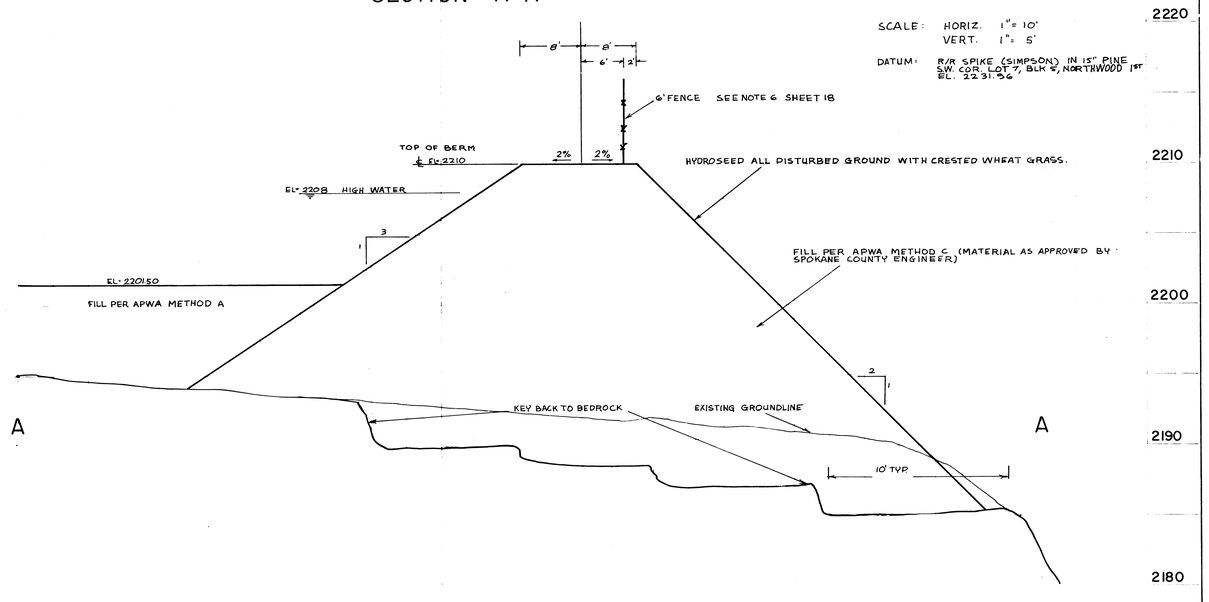


SCALE: 1" = 2'

SECTION

FLOW RESTRICTOR DETAIL

SECTION A-A

SCALE: HORIZ. 1" = 10'
VERT. 1" = 5'

DATUM: R/R SPIKE (SIMPSON) IN 15" PINE S.W. COR. LOT 7, BLK 5, NORTHWOOD 1ST EL. 2231.96