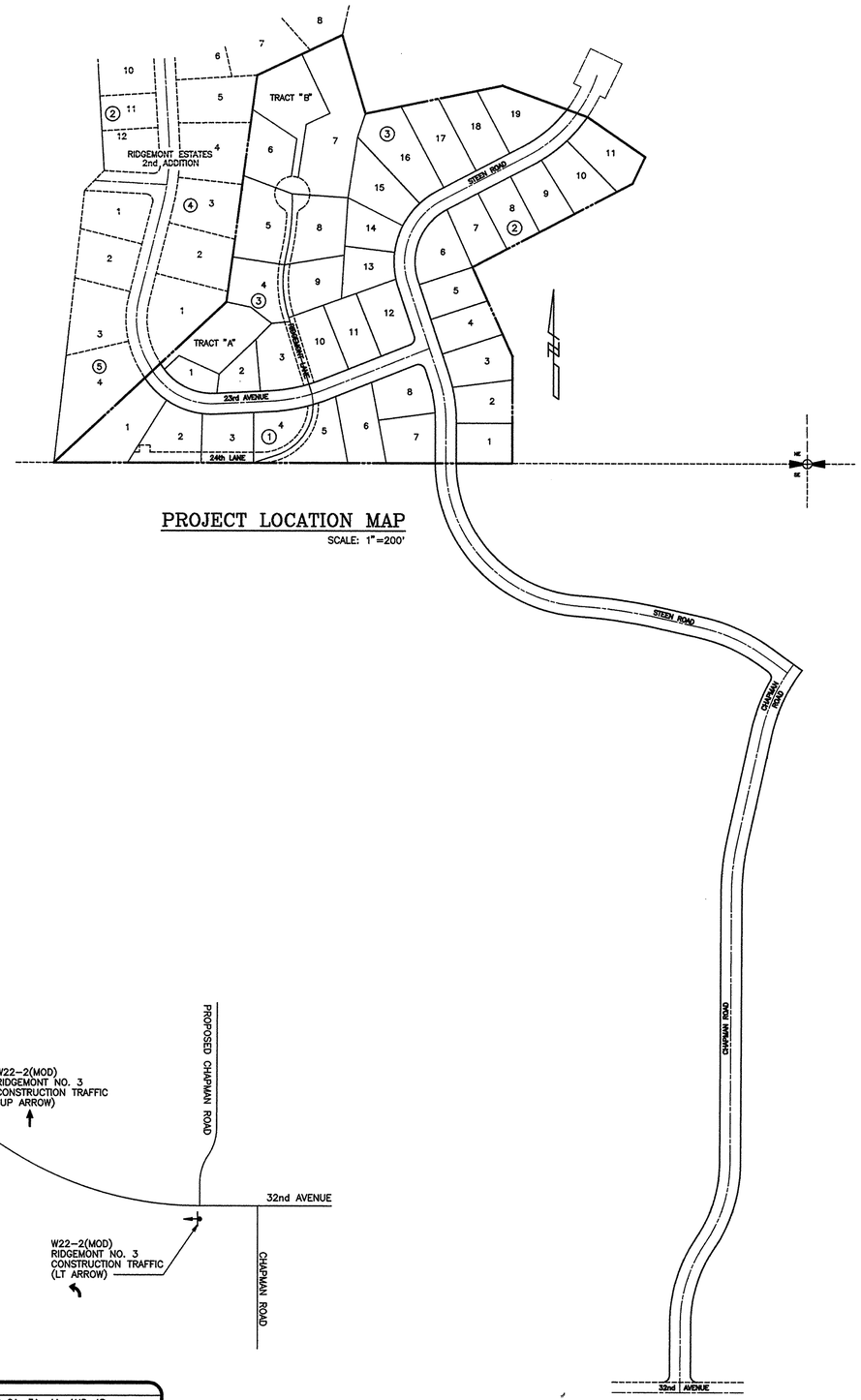
COVER SHEET

RIDGEMONT ESTATES NO. 3
STREET PLANS

NE 1/4 AND SE 1/4 OF
SEC. 25, T.25 N., R.44 E.,W.M.
SPOKANE COUNTY, WASHINGTON



PROJECT LOCATION MAP
SCALE: 1"=200'

TABLE OF CONTENTS

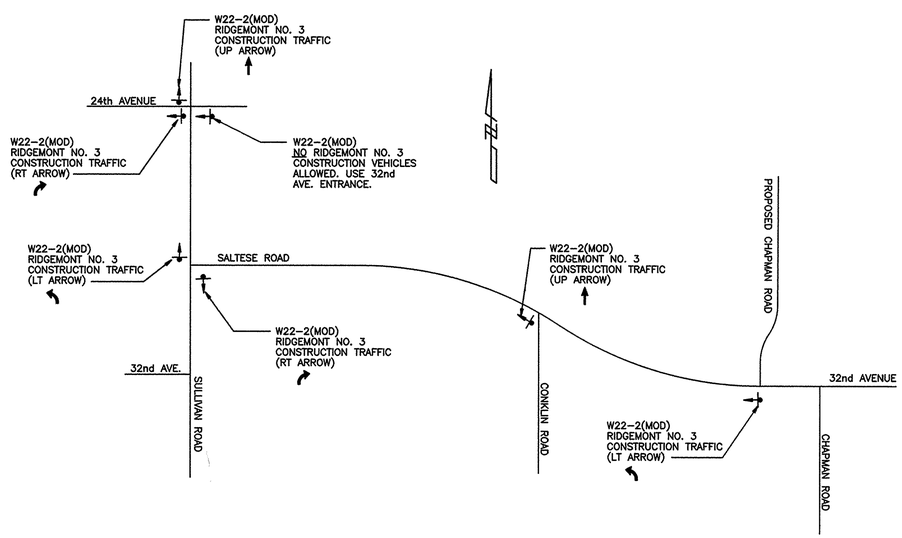
SHEET 1	–	COVER SHEET
SHEET 2	–	CHAPMAN ROAD
SHEET 2A	–	REVISED CHAPMAN ROAD
SHEET 3	–	CHAPMAN ROAD
SHEET 3A	–	REVISED CHAPMAN ROAD
SHEET 4	–	STEEN ROAD
SHEET 4A	–	REVISED STEEN ROAD
SHEET 4B	–	DETAILS
SHEET 5	–	STEEN ROAD
SHEET 6	–	STEEN ROAD
SHEET 7	–	23rd AVENUE
SHEET 8	–	RIDGEMONT LANE
SHEET 9	–	24th LANE
SHEET 10	–	DETAILS
SHEET 11	–	DETENTION PONDS

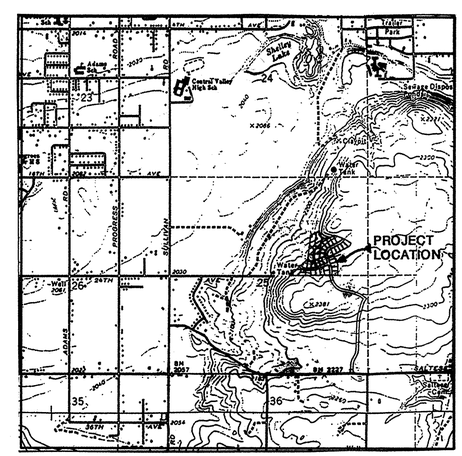
APPROVED FOR CONSTRUCTION
SPOKANE COUNTY ENG.
BY Dean Franz PE 8-10-1994
P-1437
P-00026

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

CONSTRUCTION TRAFFIC CONTROL PLAN

1. ALL CONSTRUCTION TRAFFIC SHALL ACCESS THE SITE VIA CHAPMAN ROAD FROM 32nd AVENUE.
2. THE CHAPMAN ROAD ACCESS FROM 32nd SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF SITE WORK.
3. TEMPORARY CONSTRUCTION SIGNING SHALL BE PROVIDED AT THE 24th AND SULLIVAN ROAD INTERSECTION AS SHOWN BELOW TO DIRECT TRAFFIC TO THE SALTESE AND SULLIVAN ROAD INTERSECTION TO UTILIZE THE 32nd AND CHAPMAN ROAD CONSTRUCTION ACCESS ROAD.





VICINITY MAP

TODD A. WHITNEY
STATE OF WASHINGTON
25463
REGISTERED
PROFESSIONAL ENGINEER
EXPIRES 9/24/94

INLAND PACIFIC ENGINEERING
707 West 7th • Suite 200
Spokane, WA 99204
(509) 458-6840
FAX: (509) 458-6844

NO.	DATE	BY	REVISIONS
1	8/9/94	JFC	REVISED PLAN SET TO INCLUDE SHEETS 2A, 3A, 4A, AND 4B.
			REVISED LEGEND TO REFLECT PLAN SET CHANGES.

SHEET 1 OF 11
JOB NUMBER 92013

92013\COVER1

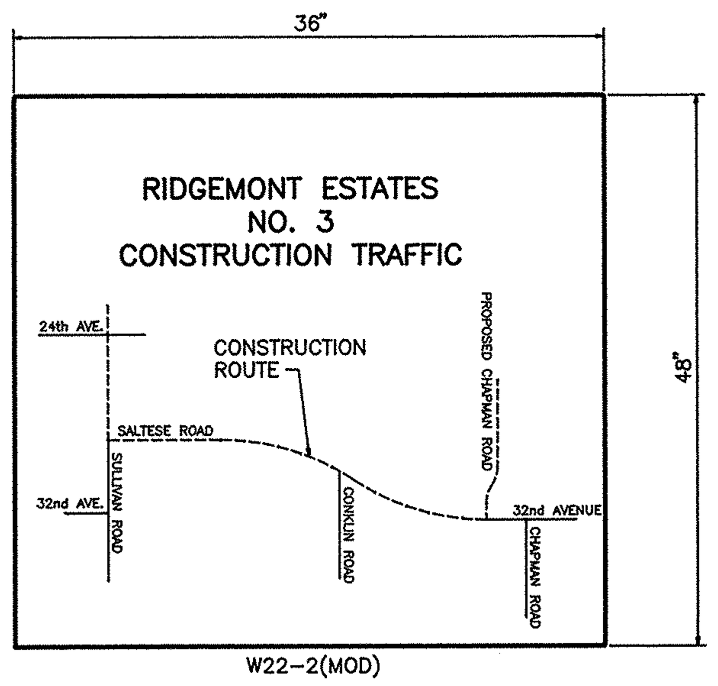
1437

COVER SHEET

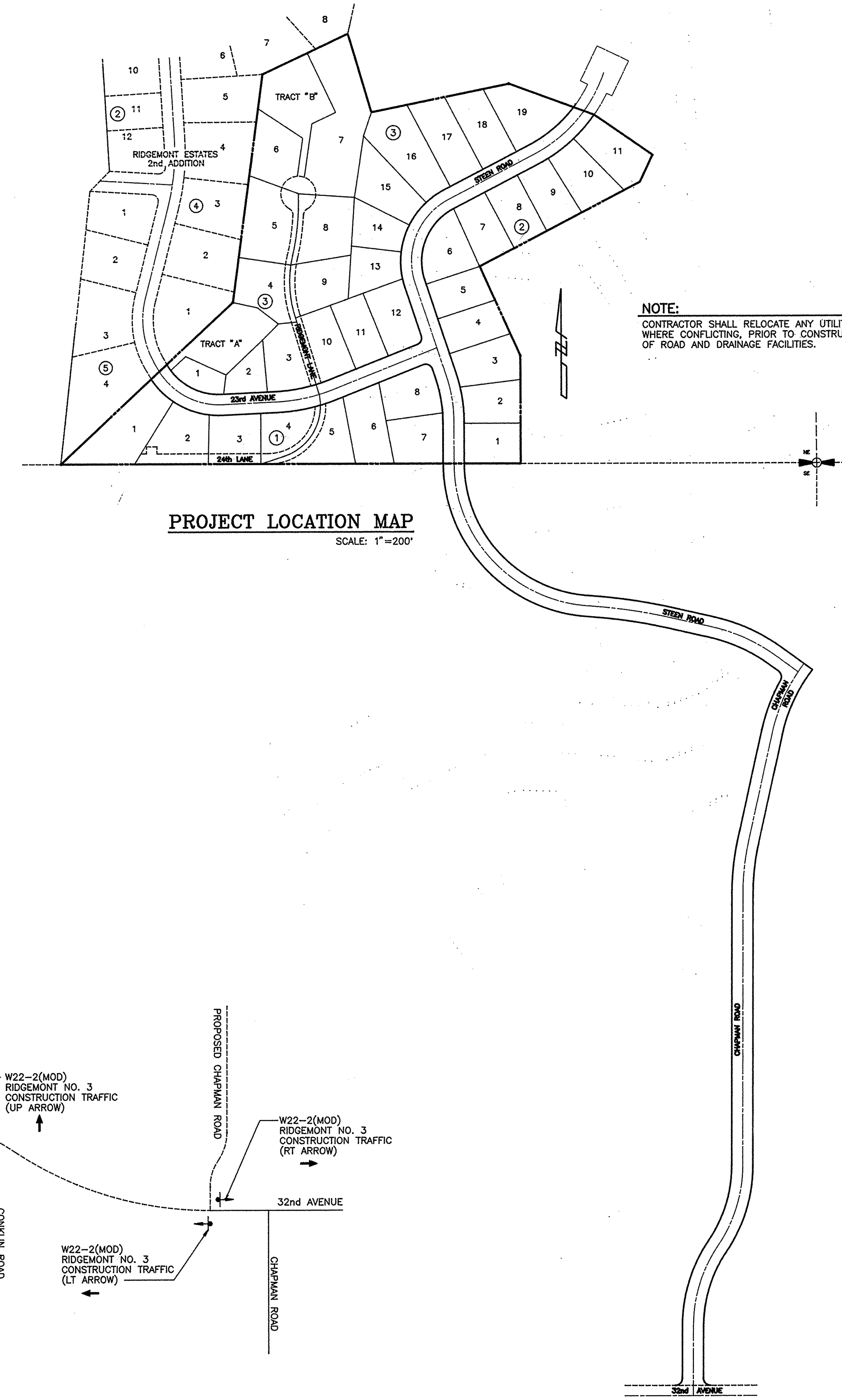
RIDGEMONT ESTATES NO. 3
STREET PLANS

NE 1/4 AND SE 1/4 OF
SEC. 25, T.25 N., R.44 E.,W.M.
SPOKANE COUNTY, WASHINGTON

APPROVED FOR CONSTRUCTION
SPOKANE COUNTY ENG.
BY Doug Franz, P.E.
12/30/1993 P-1437
PERMIT REQUIRED!
NOTIFY THE PERMIT ENGINEER
456-3600
24 HRS. PRIOR TO CONSTRUCTION



W22-2(MOD)



NOTE:
CONTRACTOR SHALL RELOCATE ANY UTILITIES, WHERE CONFLICTING, PRIOR TO CONSTRUCTION OF ROAD AND DRAINAGE FACILITIES.

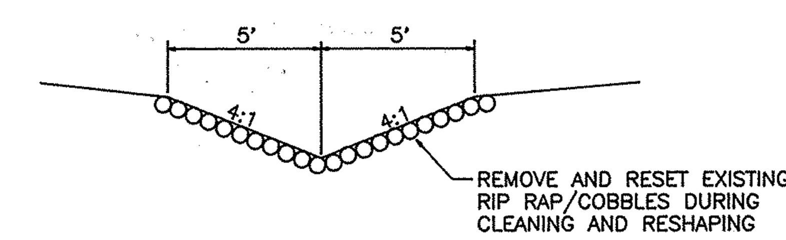
PROJECT LOCATION MAP
SCALE: 1"=200'

CONSTRUCTION TRAFFIC CONTROL PLAN

1. ALL CONSTRUCTION TRAFFIC SHALL ACCESS THE SITE VIA CHAPMAN ROAD FROM 32nd AVENUE.
2. THE CHAPMAN ROAD ACCESS FROM 32nd SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF SITE WORK.
3. TEMPORARY CONSTRUCTION SIGNING SHALL BE PROVIDED AT THE 24th AND SULLIVAN ROAD INTERSECTION AS SHOWN BELOW TO DIRECT TRAFFIC TO THE SALTESE AND SULLIVAN ROAD INTERSECTION TO UTILIZE THE 32nd AND CHAPMAN ROAD CONSTRUCTION ACCESS ROAD.
4. A SCHEMATIC OF THE CONSTRUCTION ROUTE SHOWN ON THIS SHEET MUST BE PROVIDED ON ALL SIGNS INSTALLED AT THE 24th AVENUE AND SULLIVAN ROAD INTERSECTION. A SAMPLE OF THIS SIGN IS SHOWN ABOVE.

OFF-SITE DRAINAGE CONSTRUCTION REQUIREMENTS

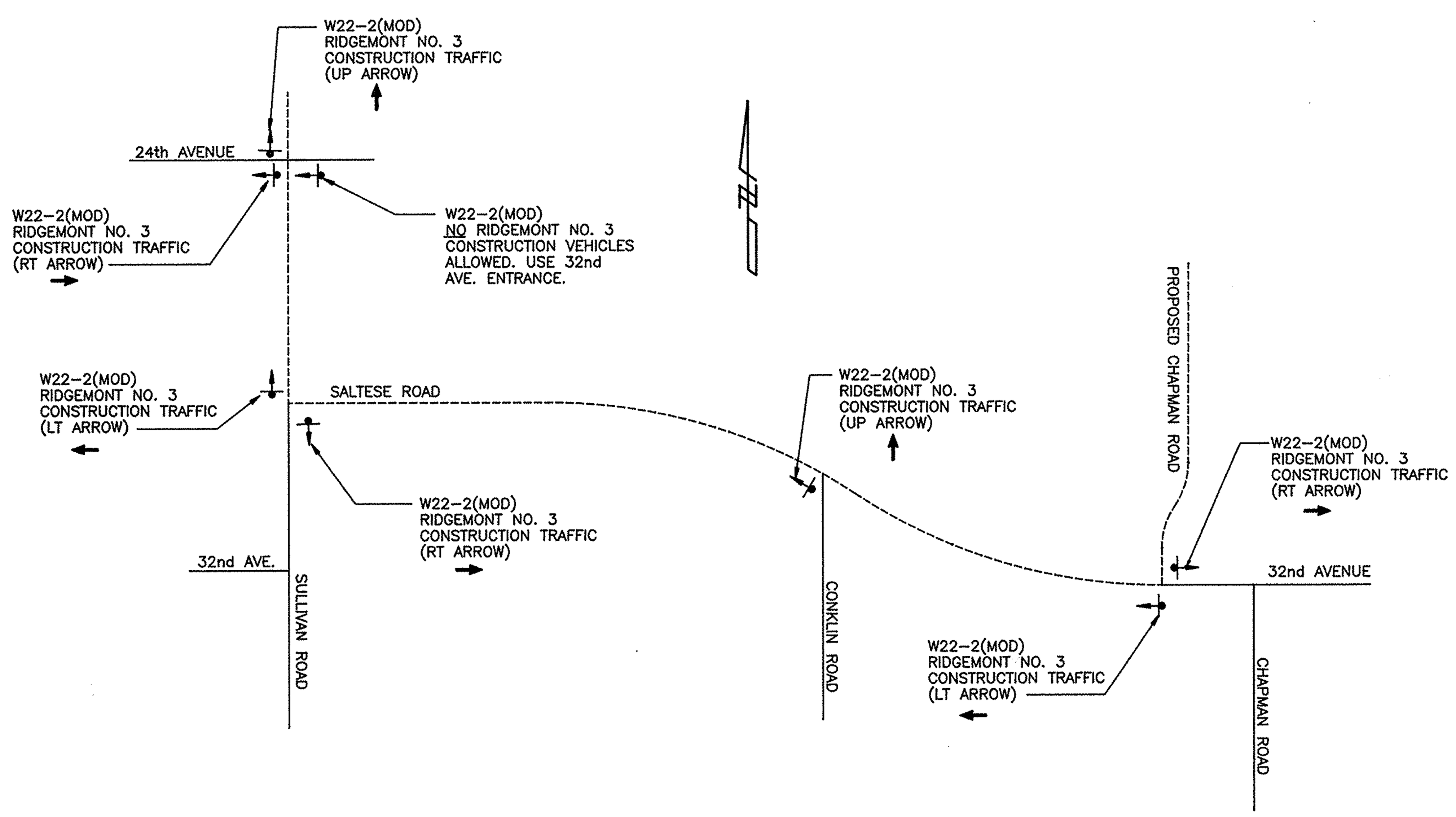
1. CLEAN TRASH RACK AND ENDS OF EXISTING 21" C.M.P. IN LOT 2 BLOCK 4 OF RIDGEMONT ESTATES NO. 2.
2. LOCATE, EXPOSE, AND ADJUST OR REPLACE GRATE ON EXISTING STRUCTURE IN THE EAST GUTTER LINE OF CONKLIN ROAD AT ITS INTERSECTION WITH 22nd AVENUE. STRUCTURE AND GRATE HAVE BEEN PAVED OVER.
3. RESHAPE AND OPEN CHANNEL ALONG THE LOT LINE BETWEEN LOTS 7 & 8 BLOCK 2 OF RIDGEMONT ESTATES NO. 2 TO BE A MINIMUM OF 8 FEET WIDE WITH 4:1 SIDE SLOPES AND DEPTH OF ONE FOOT. RESHAPING SHALL BE FROM APPROXIMATELY 130 FEET NORTHWESTERLY OF THE EXISTING CATCH BASIN IN THE WESTERLY GUTTER LINE OF CONKLIN ROAD AT ITS INTERSECTION WITH RIDGEMONT DRIVE; TO APPROXIMATELY 210 FEET NORTHWESTERLY OF THE SAME CATCH BASIN. SEE DITCH SECTION BELOW.
4. CLEAN WESTERLY END OF EXISTING 24" C.M.P. ALONG THE SOUTHERLY LOT LINE OF LOT 1 BLOCK 1 RIDGEMONT ESTATES NO. 2 APPROXIMATELY 85 FEET WEST OF THE CURB LINE OF VERA CREST DRIVE.

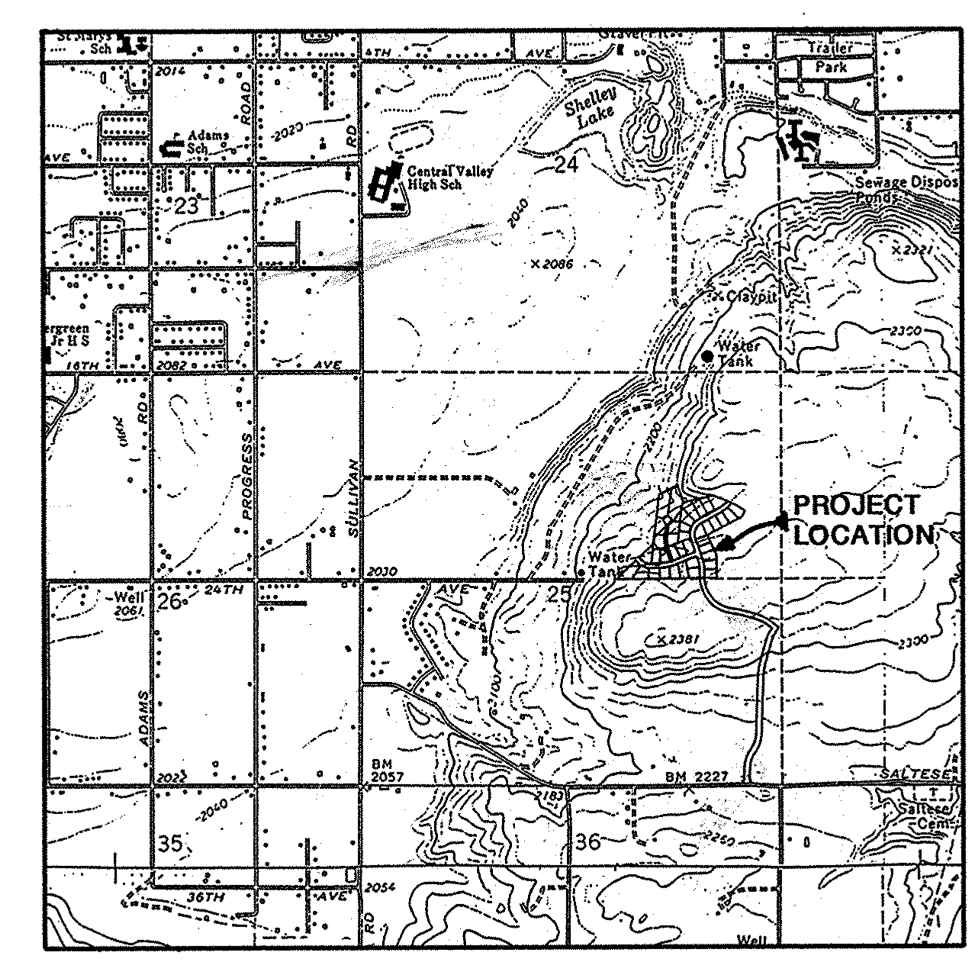


DITCH SECTION

TABLE OF CONTENTS

SHEET 1	–	COVER SHEET
SHEET 2	–	CHAPMAN ROAD
SHEET 3	–	CHAPMAN ROAD
SHEET 4	–	STEEN ROAD
SHEET 5	–	STEEN ROAD
SHEET 6	–	STEEN ROAD
SHEET 7	–	23rd AVENUE
SHEET 8	–	RIDGEMONT LANE
SHEET 9	–	24th LANE
SHEET 10	–	DETAILS
SHEET 11	–	DETENTION PONDS





VICINITY MAP

TODD R. WHIPPLE
STATE OF WASHINGTON
REGISTERED PROFESSIONAL ENGINEER
EXPIRES 9/24/94

INLAND PACIFIC ENGINEERING
707 West 7th • Suite 200
Spokane, WA 99204
(509) 458-6840
FAX: (509) 458-6844

92013\COVER1

Kenneth Hunger
DEVELOPER'S APPROVAL

12-27-93
DATE

JOB NUMBER 92013

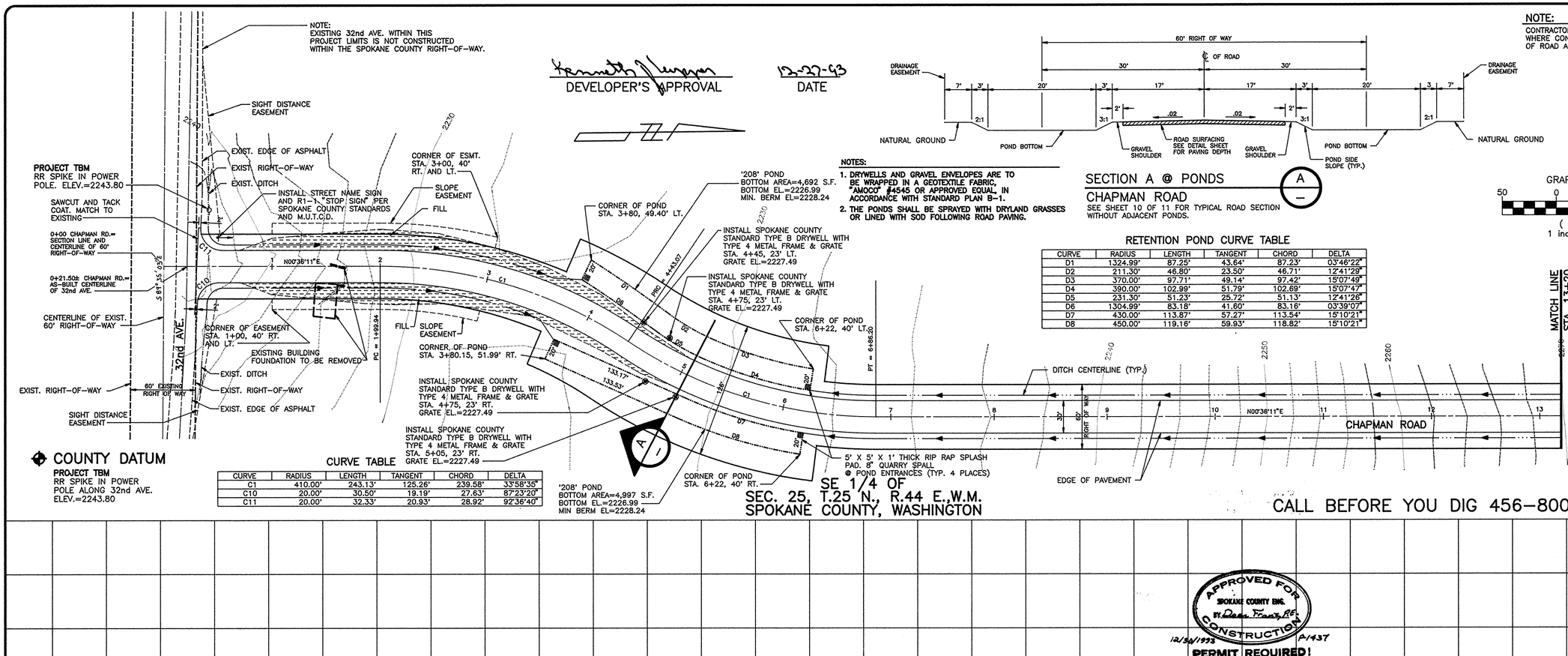
1437

See new P...

NOTE:
EXISTING 32nd AVE. WITHIN THIS PROJECT LIMITS IS NOT CONSTRUCTED WITHIN THE SPOKANE COUNTY RIGHT-OF-WAY.

DEVELOPER'S APPROVAL — DATE 12-22-93

NOTE:
CONTRACTOR SHALL RELOCATE ANY UTILITIES, WHERE CONFLICTING, PRIOR TO CONSTRUCTION OF ROAD AND DRAINAGE FACILITIES.



COUNTY DATUM
PROJECT TBM
RR SPIKE IN POWER POLE ALONG 32nd AVE.
ELEV.=2243.80

CURVE TABLE

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C1	410.00'	243.13'	125.26'	239.58'	33°58'35"
C10	20.00'	30.50'	19.19'	27.63'	87°23'20"
C11	20.00'	32.33'	20.93'	28.92'	92°36'40"

NOTES:
1. DRYWELLS AND GRAVEL ENVELOPES ARE TO BE WRAPPED IN A GEOTEXTILE FABRIC, "AMOCO" #4545 OR APPROVED EQUAL, IN ACCORDANCE WITH STANDARD PLAN B-1.
2. THE PONDS SHALL BE SPRAYED WITH DRYLAND GRASSES OR LINED WITH SOD FOLLOWING ROAD PAVING.

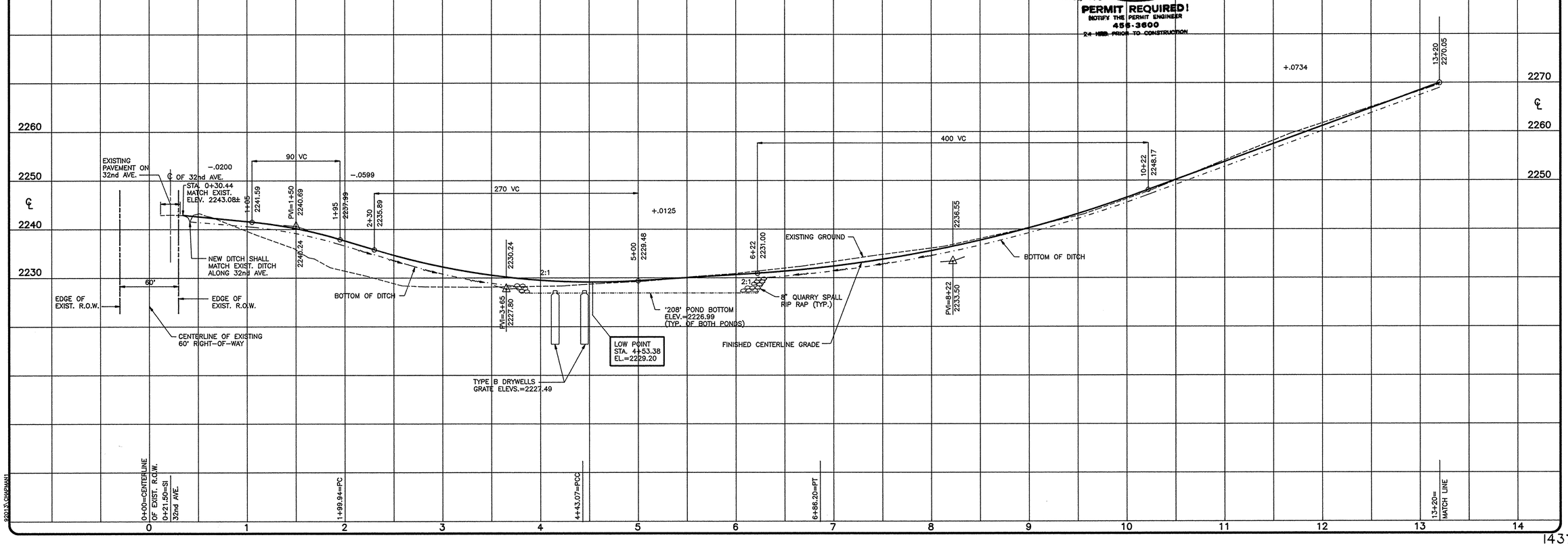
SECTION A @ PONDS (A)
CHAPMAN ROAD
SEE SHEET 10 OF 11 FOR TYPICAL ROAD SECTION WITHOUT ADJACENT PONDS.

GRAPHIC SCALE
50 0 25 50 100
(IN FEET)
1 inch = 50 ft.

RETENTION POND CURVE TABLE

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
D1	1324.99'	87.25'	43.64'	87.23'	03°46'22"
D2	211.30'	46.80'	23.50'	46.71'	12°41'29"
D3	370.00'	97.71'	49.14'	97.42'	15°07'49"
D4	390.00'	102.99'	51.79'	102.69'	15°07'47"
D5	231.30'	51.23'	25.72'	51.13'	12°41'26"
D6	1304.99'	83.18'	41.60'	83.16'	03°39'07"
D7	430.00'	113.87'	57.27'	113.54'	15°10'21"
D8	450.00'	119.16'	59.93'	118.82'	15°10'21"

APPROVED FOR CONSTRUCTION
SPOKANE COUNTY ENG.
BY: Adam Fouts, P.E.
12/30/1993 P-1437
PERMIT REQUIRED!
NOTIFY THE PERMIT ENGINEER
456-3600
24 HRS. PRIOR TO CONSTRUCTION



92013\CHAPMAN1

NO.	DATE	BY	REVISIONS

DATE: 12/22/93
DRAWN BY: JFC
DESIGNED BY: TRW
CHECKED BY: TRW
REGISTERED PROFESSIONAL ENGINEER 23462 STATE OF WASHINGTON
EXPIRES 9/24/94

SCALE:
HORIZONTAL: 1"=50'
VERTICAL: 1"=10'

INLAND PACIFIC ENGINEERING
707 West 7th • Suite 200 Spokane, WA 99204
(509) 458-6840 FAX: (509) 455-6844

RIDGEMONT ESTATES NO. 3
CHAPMAN ROAD
STA. 0+00 TO 13+20
PE-1437-83
STREET

SHEET 2 OF 11
JOB NUMBER 92013

1437

NOTE:
EXISTING 32nd AVE. WITHIN THIS PROJECT LIMITS IS NOT CONSTRUCTED WITHIN THE SPOKANE COUNTY RIGHT-OF-WAY.

CURVE TABLE

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C1	410.00'	243.13'	125.26'	239.58'	33°58'35"
C10	20.00'	32.33'	20.93'	28.92'	92°36'40"
C11	20.00'	30.50'	19.11'	27.63'	87°23'20"

RETENTION POND CURVE TABLE

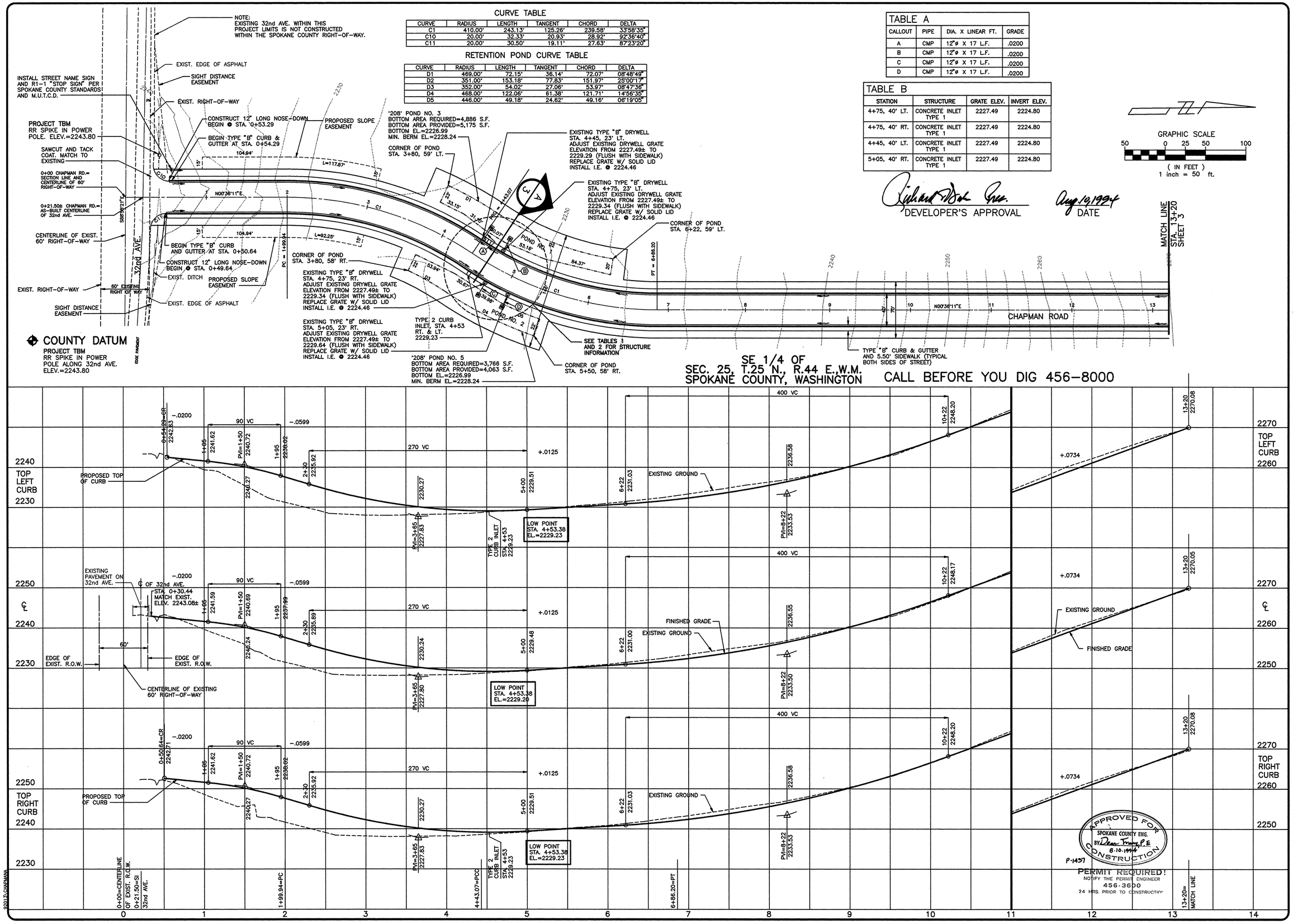
CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
D1	469.00'	72.15'	36.14'	72.07'	08°48'49"
D2	351.00'	153.18'	77.83'	151.97'	25°00'17"
D3	352.00'	54.02'	27.06'	53.97'	08°47'36"
D4	468.00'	122.06'	61.38'	121.71'	14°56'35"
D5	446.00'	49.18'	24.62'	49.16'	06°19'05"

TABLE A

CALLOUT	PIPE	DIA. X LINEAR FT.	GRADE
A	CMP	12"ø X 17 L.F.	.0200
B	CMP	12"ø X 17 L.F.	.0200
C	CMP	12"ø X 17 L.F.	.0200
D	CMP	12"ø X 17 L.F.	.0200

TABLE B

STATION	STRUCTURE	GRATE ELEV.	INVERT ELEV.
4+75, 40' LT.	CONCRETE INLET TYPE 1	2227.49	2224.80
4+75, 40' RT.	CONCRETE INLET TYPE 1	2227.49	2224.80
4+45, 40' LT.	CONCRETE INLET TYPE 1	2227.49	2224.80
5+05, 40' RT.	CONCRETE INLET TYPE 1	2227.49	2224.80



Richard W. Bok Gen.
DEVELOPER'S APPROVAL

Aug 10, 1994
DATE

GRAPHIC SCALE
50 0 25 50 100
(IN FEET)
1 inch = 50 ft.

SE 1/4 OF
SEC. 25, T.25 N., R.44 E.,W.M.
SPOKANE COUNTY, WASHINGTON

CALL BEFORE YOU DIG 456-8000

NO.	DATE	BY	REVISIONS
1	8/09/94	JFC	REVISED STREET WIDTH FROM 30' TO 40', ADDED TYPE "B" CURB & GUTTER, ADDED SIDEWALK TO BOTH SIDES OF STREET. REVISED LOCATION AND SIZE OF RETENTION PONDS. REVISED RIGHT OF WAY WIDTH FROM 60' TO 70'. REVISED SLOPE EASEMENTS. RELOCATED DRYWELLS. ADDED RETENTION POND CURVE TABLE, AND REVISED CURB PROFILES. ADDED CONCRETE INLETS & 12" CMP

DATE: 7/22/94
DRAWN BY: JFC
DESIGNED BY: TRW
CHECKED BY: TRW

SCALE:
HORIZONTAL: 1"=50'
VERTICAL: 1"=10'

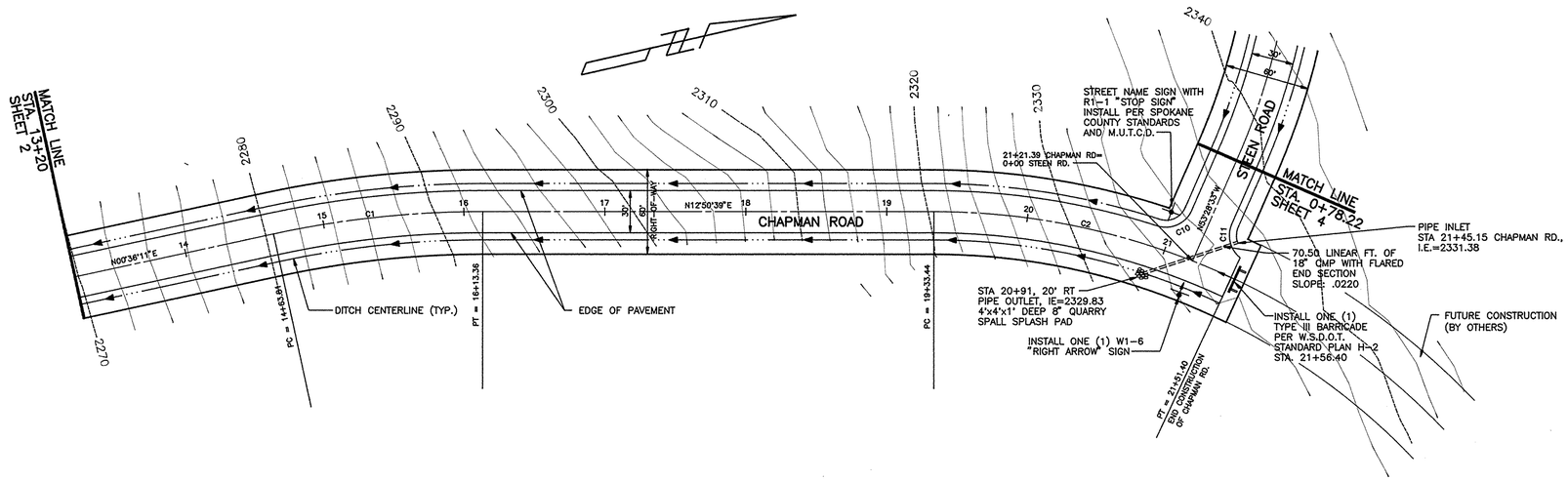
INLAND PACIFIC ENGINEERING
707 West 7th • Suite 200
Spokane, WA 99204
(509) 458-6840
FAX: (509) 458-6844

RIDGEMONT ESTATES NO. 3 --
ALTERNATE DESIGN
CHAPMAN ROAD
STA. 0+00 TO 13+20
P-00026

STREET

SHEET 2A OF 11
JOB NUMBER 92013

92013.CHAPMAN



CURVE TABLE

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C1	700.00'	149.55'	75.06'	149.27'	12°14'28"
C2	500.00'	217.96'	110.74'	216.24'	24°58'34"
C10	20.00'	29.41'	18.08'	26.83'	84°14'26"
C11	20.00'	26.36'	15.49'	24.49'	75°31'21"

NOTE:
CONTRACTOR SHALL RELOCATE ANY UTILITIES, WHERE CONFLICTING, PRIOR TO CONSTRUCTION OF ROAD AND DRAINAGE FACILITIES.

APPROVED FOR CONSTRUCTION
SPOKANE COUNTY ENG.
BY: Dean Fraser, P.E.
P-1437 12/30/1993
PERMIT REQUIRED!
NOTIFY THE PERMIT ENGINEER
456-3600
24 HRS. PRIOR TO CONSTRUCTION

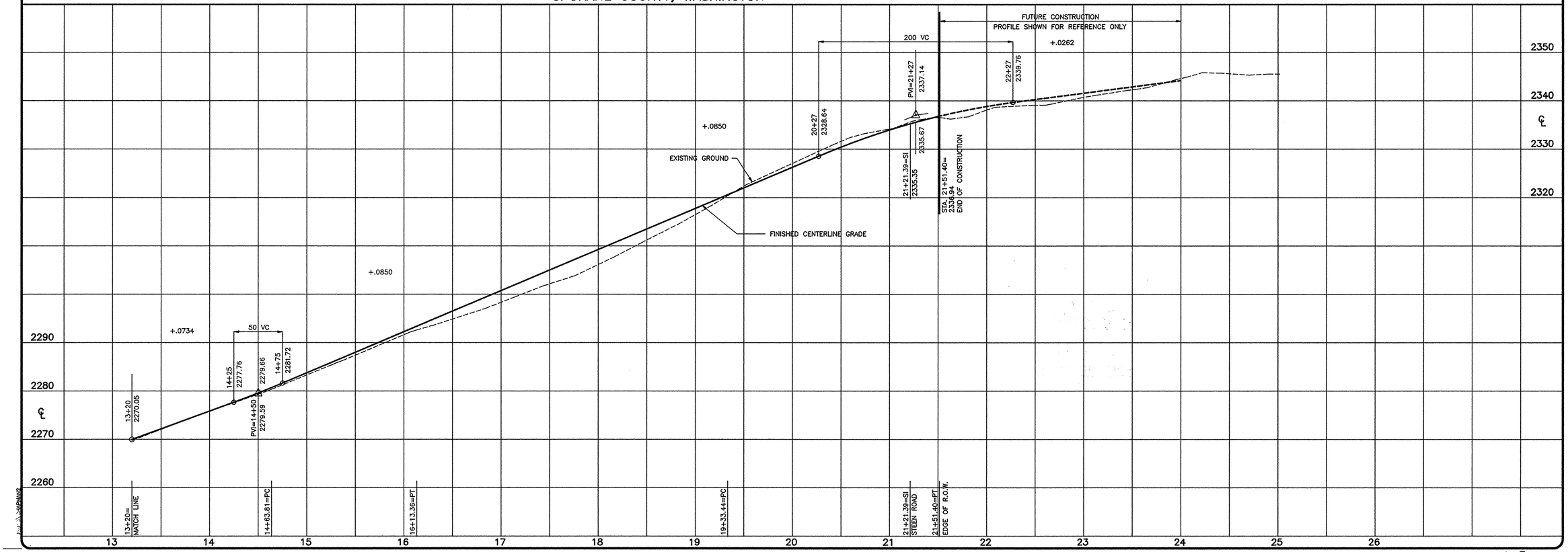
DEVELOPER'S APPROVAL — DATE 12-27-93

COUNTY DATUM
PROJECT TBM
RR SPIKE IN POWER POLE ALONG 32nd AVE.
ELEV.=2243.80

GRAPHIC SCALE
50 0 25 50 100
(IN FEET)
1 inch = 50 ft.

SE 1/4 OF
SEC. 25, T.25 N., R.44 E.,W.M.
SPOKANE COUNTY, WASHINGTON

CALL BEFORE YOU DIG 456-8000



REVISIONS
NO. DATE BY

DATE: 12/22/93
DRAWN BY: JFC
DESIGNED BY: TRW
CHECKED BY: TRW

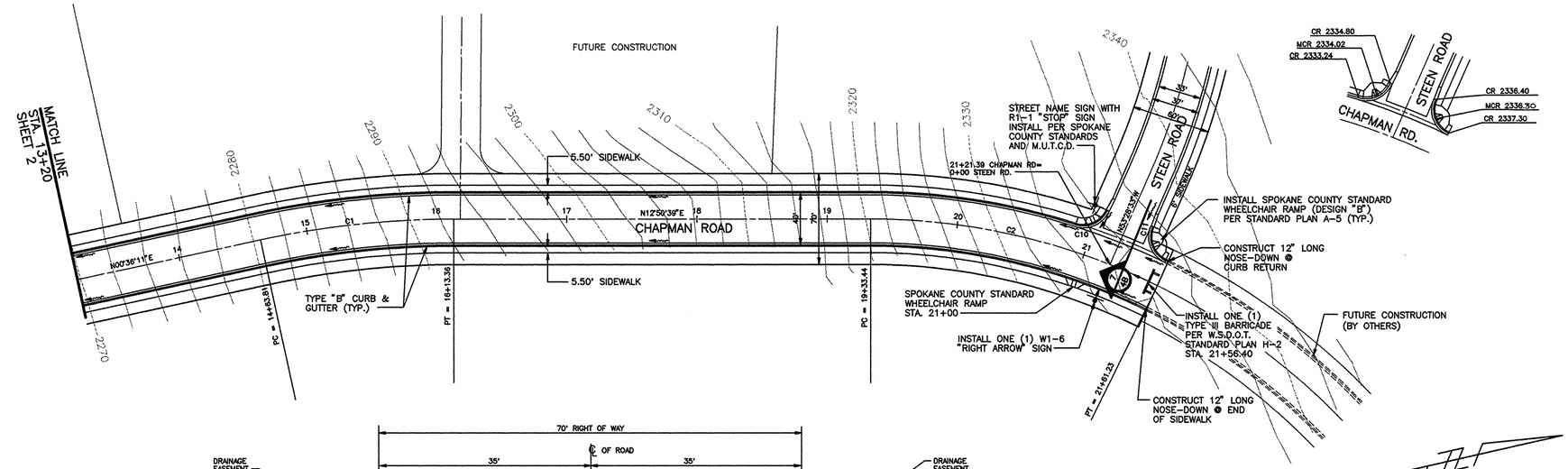
SCALE:
HORIZONTAL: 1"=50'
VERTICAL: 1"=10'

INLAND PACIFIC ENGINEERING
707 West 7th - Suite 200
Spokane, WA 99204
(509) 458-6840
FAX: (509) 458-6844

RIDGEMONT ESTATES NO. 3
CHAPMAN ROAD
STA. 13+20 TO 21+51.40
PE-1437-83
STREET

SHEET 3 OF 11
JOB NUMBER 92013

1437



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C11	20.00'	30.68'	19.28'	27.76'	87°53'51"

NOTE:
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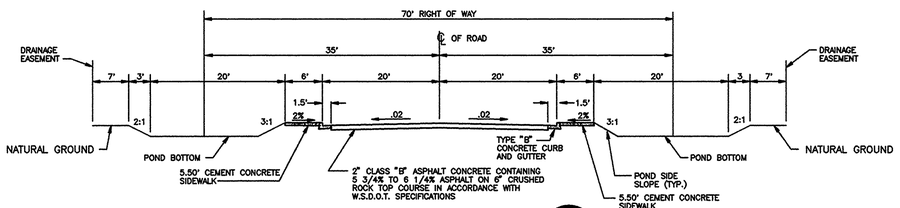


GRAPHIC SCALE
50 0 25 50 100
(IN FEET)
1 inch = 50 ft.

COUNTY DATUM
PROJECT TBM
RR SPIKE IN POWER POLE ALONG 32nd AVE.
ELEV.=2243.80

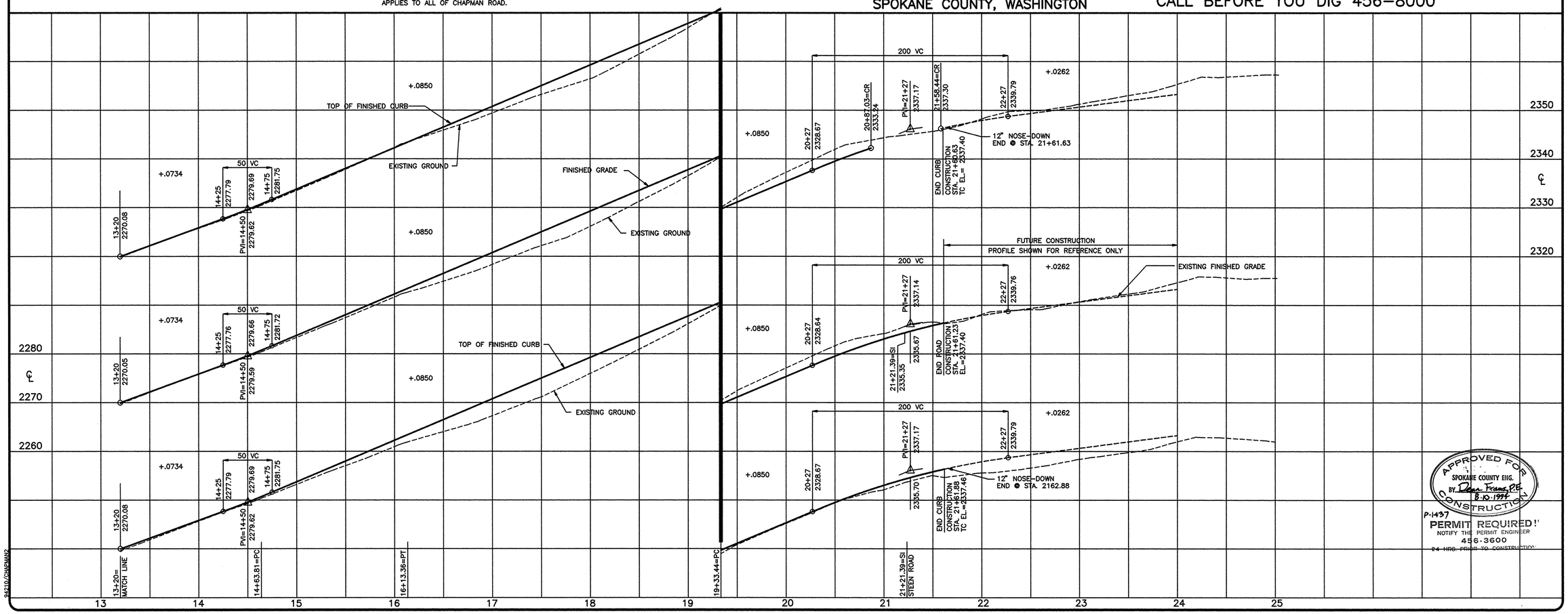
SECTION A @ PONDS (A)
CHAPMAN ROAD
THIS CROSS SECTION, EXCLUDING DRAINAGE PONDS, APPLIES TO ALL OF CHAPMAN ROAD.

DEVELOPER'S APPROVAL

Aug 10, 1994
DATE

SE 1/4 OF
SEC. 25, T.25 N., R.44 E.,W.M.
SPOKANE COUNTY, WASHINGTON

CALL BEFORE YOU DIG 456-8000



APPROVED FOR CONSTRUCTION
SPOKANE COUNTY ENG.
BY Dean Franz, PE 8-10-1994
P-1437
PERMIT REQUIRED!
NOTIFY THE PERMIT ENGINEER
456-3600
24 HRS. PRIOR TO CONSTRUCTION

NO.	DATE	BY	REVISIONS
1	8/09/94	JFC	REVISED STREET WIDTH FROM 30' TO 40', ADDED TYPE "B" CURB & GUTTER. ADDED SIDEWALK TO BOTH SIDES OF STREET. REVISED RIGHT OF WAY WIDTH FROM 60' TO 70'. REVISED SLOPE EASEMENTS. ADDED CURB PROFILES.

RICHARD D. BOHN JR. STATE OF WASHINGTON 22452 REGISTERED PROFESSIONAL ENGINEER
EXPIRES 9/21/94

DATE: 7/20/94
DRAWN BY: JFC
DESIGNED BY: TRW
CHECKED BY: TRW

SCALE:
HORIZONTAL: 1"=50'
VERTICAL: 1"=10'

INLAND PACIFIC ENGINEERING
707 West 7th • Suite 200 Spokane, WA 99204
(509) 458-6840 FAX: (509) 458-6844

RIDGEMONT ESTATES NO. 3 --
ALTERNATE DESIGN
CHAPMAN ROAD STREET
STA. 13+20 TO 21+51.40
P-00026

SHEET 3A OF 11
JOB NUMBER 92013

92410/CHAPMAN2

CURVE TABLE

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C1	500.00'	203.05'	102.94'	201.65'	23°16'03"
C2	1500.00'	234.97'	117.73'	234.73'	08°58'31"
C3	410.00'	616.28'	383.15'	559.88'	86°07'23"
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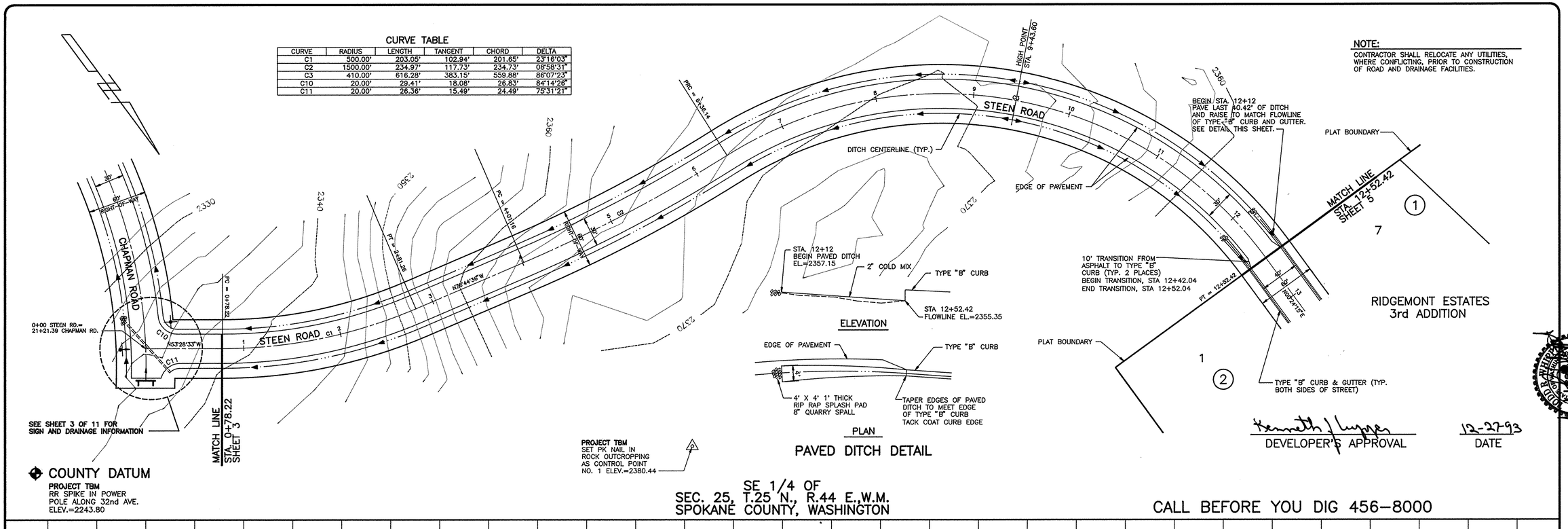

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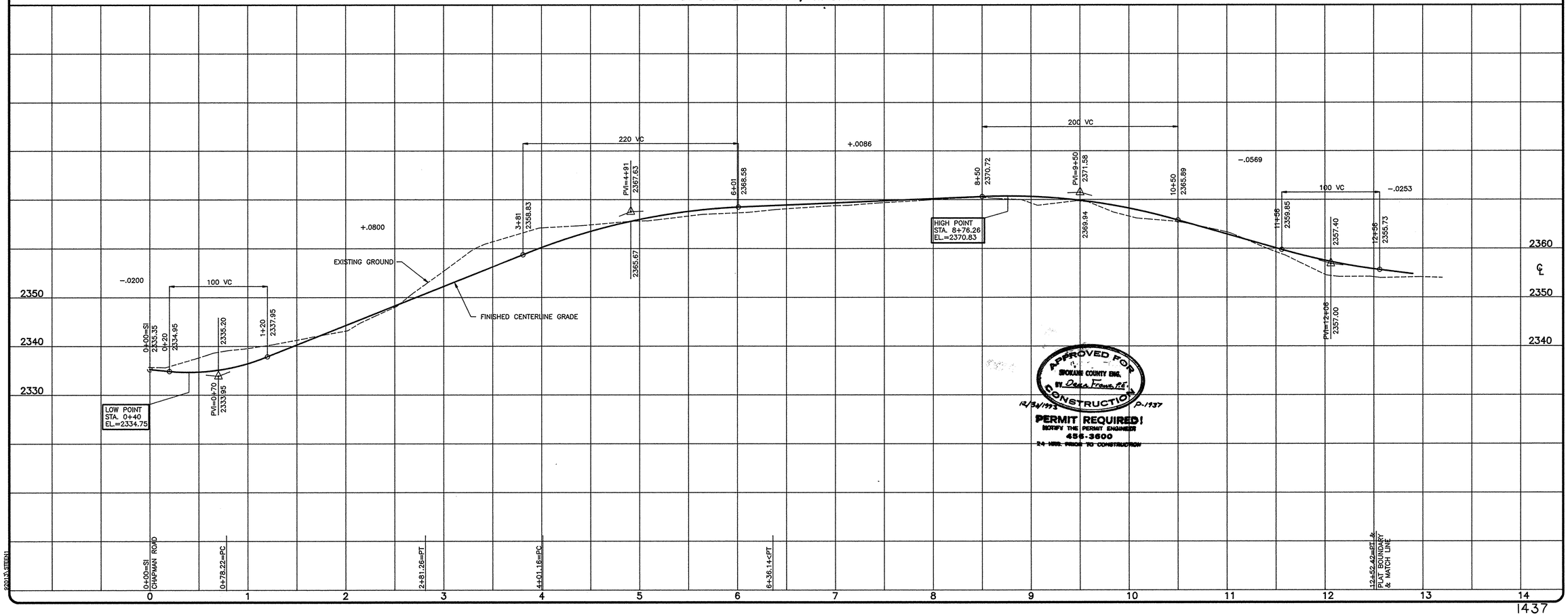


NO.	DATE	BY	REVISIONS

DATE: 12/22/93
DRAWN BY: JFC
DESIGNED BY: TRW
CHECKED BY: TRW

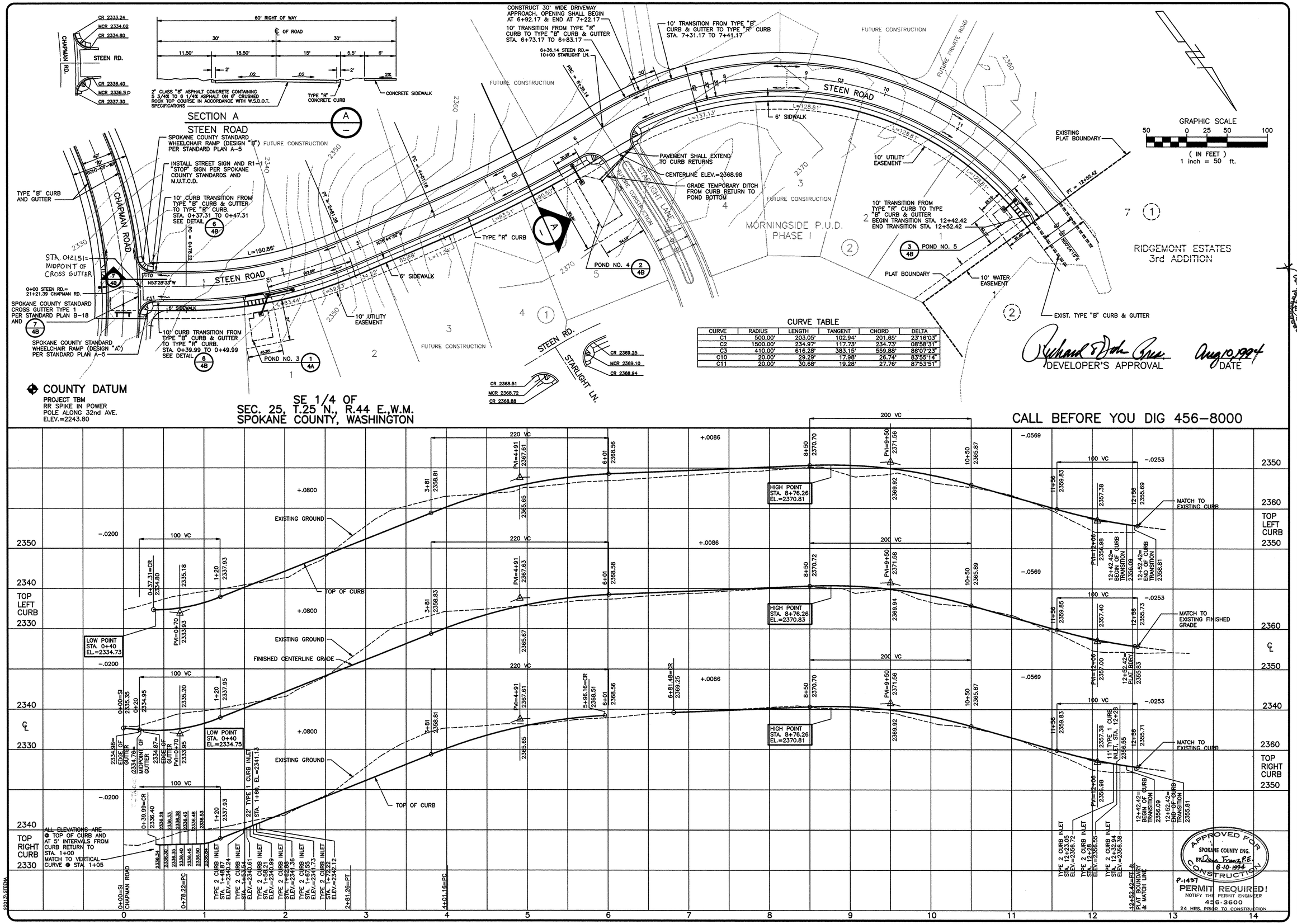
SCALE: HORIZONTAL: 1"=50' VERTICAL: 1"=10'

INLAND PACIFIC ENGINEERING
707 West 7th - Suite 200 Spokane, WA 99204
(509) 458-6840 FAX: (509) 458-6844

RIDGEMONT ESTATES NO. 3
STEEN ROAD STREET
STA. 0+00 TO 12+52.42
PE-1437-83

SHEET 4 OF 11
JOB NUMBER 92013

1437



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C11	20.00'	30.68'	19.28'	27.76'	87°53'51"

NO.	DATE	BY	REVISIONS
1	8/09/94	JFC	REVISED STREET WIDTH FROM 30' TO 37', ADDED TYPE "R" CURB, ADDED CURB RETURN DETAILS, ADDED SIDEWALK TO NORTH SIDE OF STEEN, ADDED "208" PONDS WITH DRAINAGE STRUCTURES, ADDED CURB PROFILES.

DATE: 8/03/94
DRAWN BY: JFC
DESIGNED BY: TRW,JFC
CHECKED BY: TRW

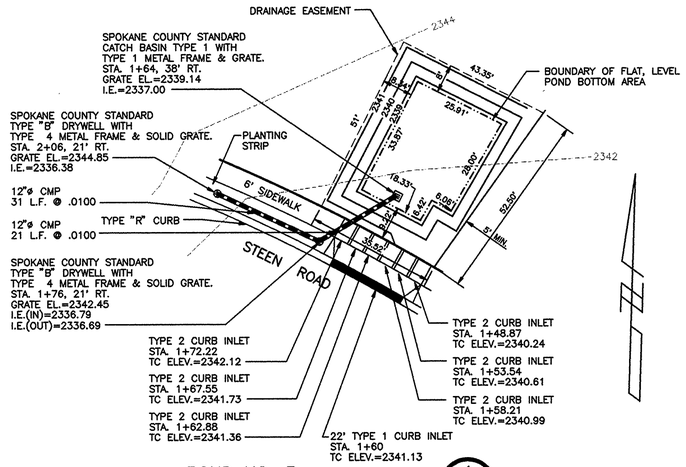
SCALE: HORIZONTAL: 1"=50' VERTICAL: 1"=10'

INLAND PACIFIC ENGINEERING
707 West 7th • Suite 200
Spokane, WA 99204
(509) 458-6840
FAX: (509) 458-6844

RIDGEMONT ESTATES NO. 3 --
ALTERNATE DESIGN
STEEN ROAD
STA. 0+00 TO 12+52.42
P-00026

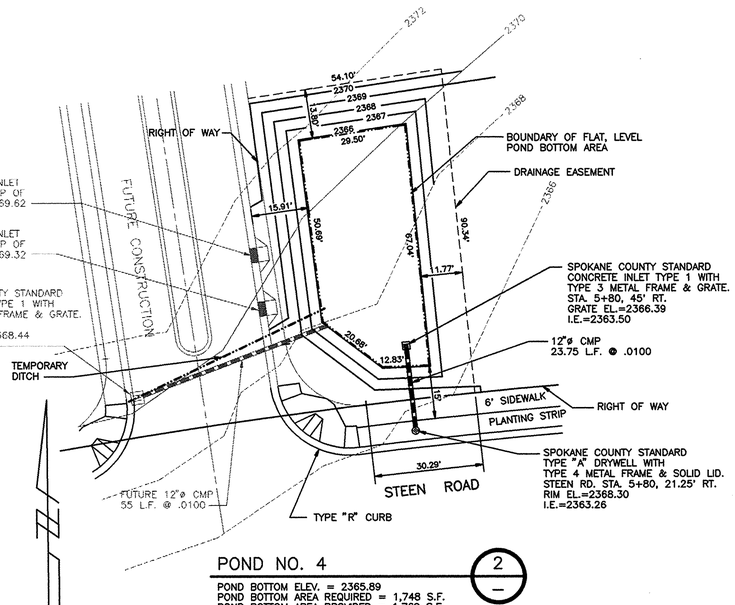
STREET

SHEET 4A OF 11
JOB NUMBER 92013



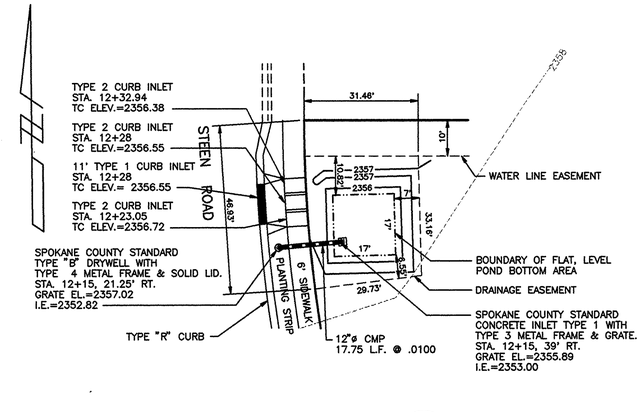
POND NO. 3 — 1

POND BOTTOM ELEV. = 2338.64
POND BOTTOM AREA REQUIRED = 750 S.F.
POND BOTTOM AREA PROVIDED = 817' S.F.
BERM ELEV. = 2340.44



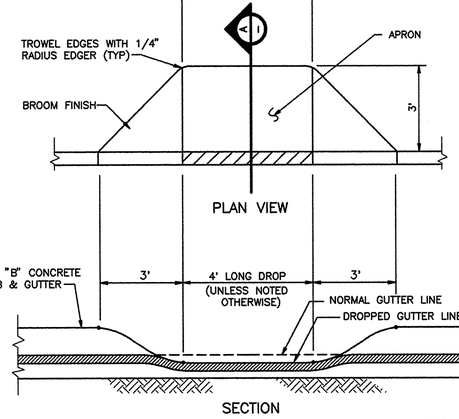
POND NO. 4 — 2

POND BOTTOM ELEV. = 2365.89
POND BOTTOM AREA REQUIRED = 1,748 S.F.
POND BOTTOM AREA PROVIDED = 1,769 S.F.
BERM ELEV. = 2369.52



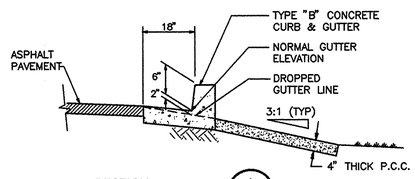
POND NO. 5 — 3

POND BOTTOM ELEV. = 2355.39
POND BOTTOM AREA REQUIRED = 288 S.F.
POND BOTTOM AREA PROVIDED = 289 S.F.
BERM ELEV. = 2356.58

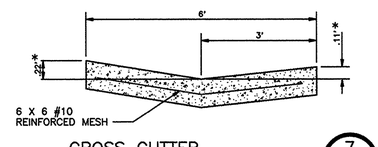


TYPICAL TYPE 1 CURB INLET — 4

TYPE "B" CURB & GUTTER (NOT TO SCALE)



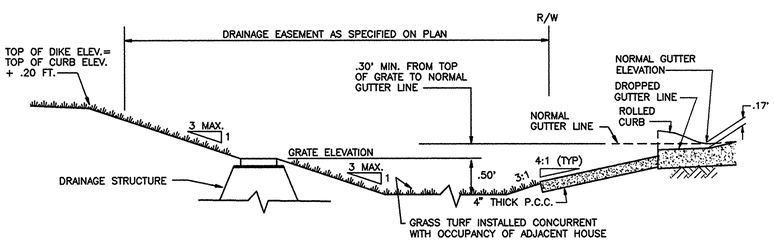
SECTION — A



CROSS GUTTER — 7

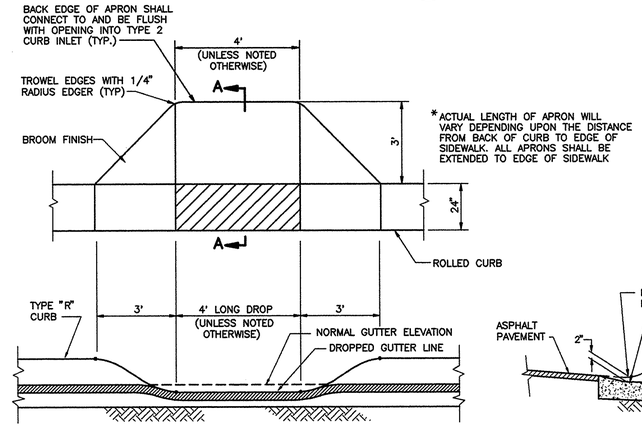
NTS

* EXCEPT FOR DIMENSIONS NOTED, BUILD CROSS GUTTER PER SPOKANE COUNTY STANDARD PLAN B-18.



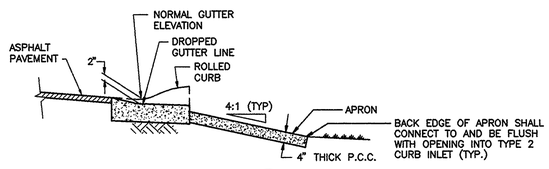
TYPICAL '208' POND WITH DRAINAGE STRUCTURE

SECTIONAL VIEW (NOT TO SCALE)

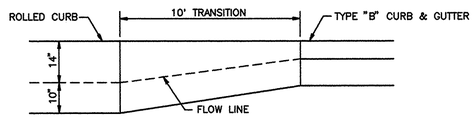


TYPICAL TYPE 1 CURB INLET — 5

TYPE "R" CURB (NOT TO SCALE)

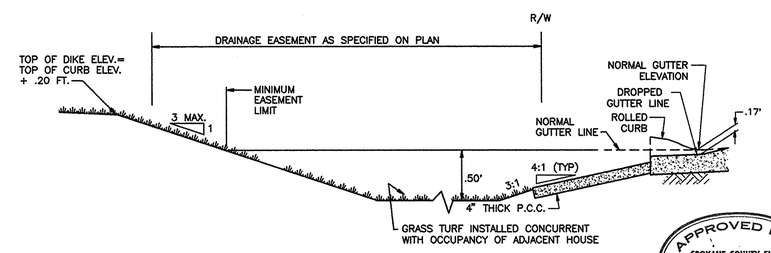


SECTION — A



CURB TRANSITION DETAIL — 6

ROLLED CURB TO TYPE "B" CURB



TYPICAL '208' POND WITHOUT DRAINAGE STUCTURE

SECTIONAL VIEW (NOT TO SCALE)

APPROVED FOR CONSTRUCTION
SPOKANE COUNTY ENG.
BY Dean Francis, P.E. 8-10-1994
P-1437
PERMIT REQUIRED!
NOTIFY THE PERMIT ENGINEER 456-3600
24 HRS. PRIOR TO CONSTRUCTION

DEVELOPER'S APPROVAL

Aug. 10, 1994
DATE

CALL BEFORE YOU DIG 456-8000

NO.	DATE	BY	REVISIONS

DATE: 8/09/94
DRAWN BY: JFC
DESIGNED BY: TRW
CHECKED BY: TRW

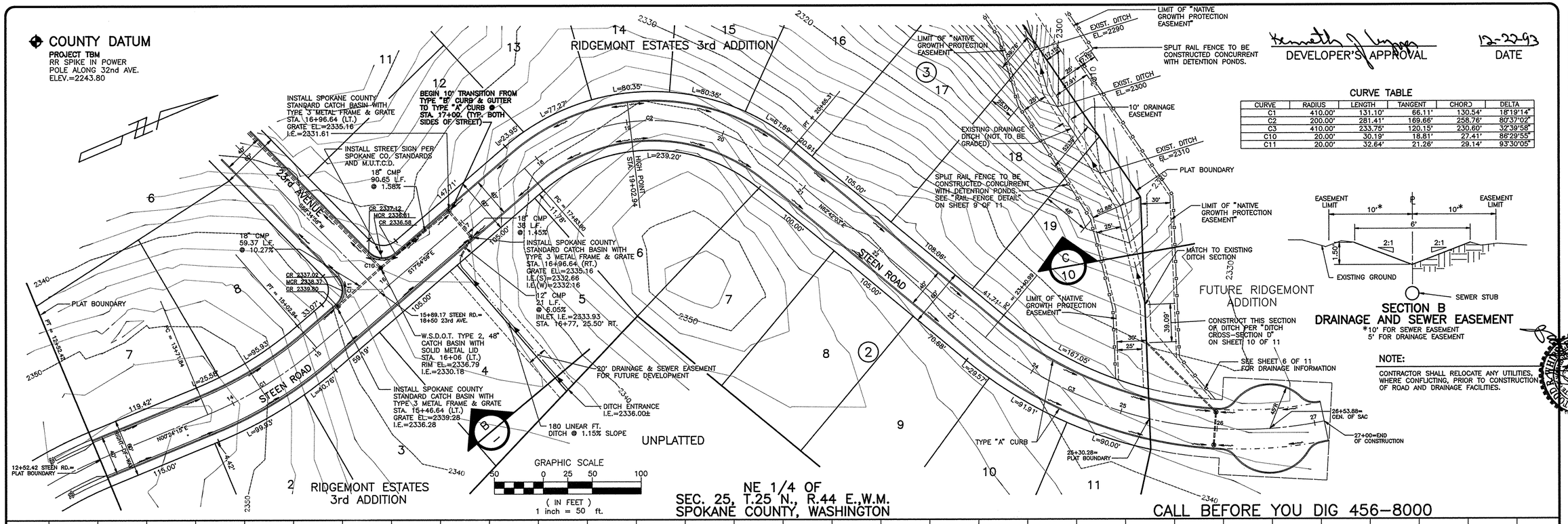
SCALE:
HORIZONTAL: 1"=20'
VERTICAL: 1"=20'

INLAND PACIFIC ENGINEERING
707 West 7th • Suite 200
Spokane, WA 99204
(509) 458-6840
FAX: (509) 458-6844

RIDGEMONT ESTATES NO. 3 — STREET
ALTERNATE DESIGN
DETAILS
P-00026

SHEET 4B OF 11
JOB NUMBER 92013

92013\DETAIL



DEVELOPER'S APPROVAL

12-22-93
DATE

CURVE TABLE

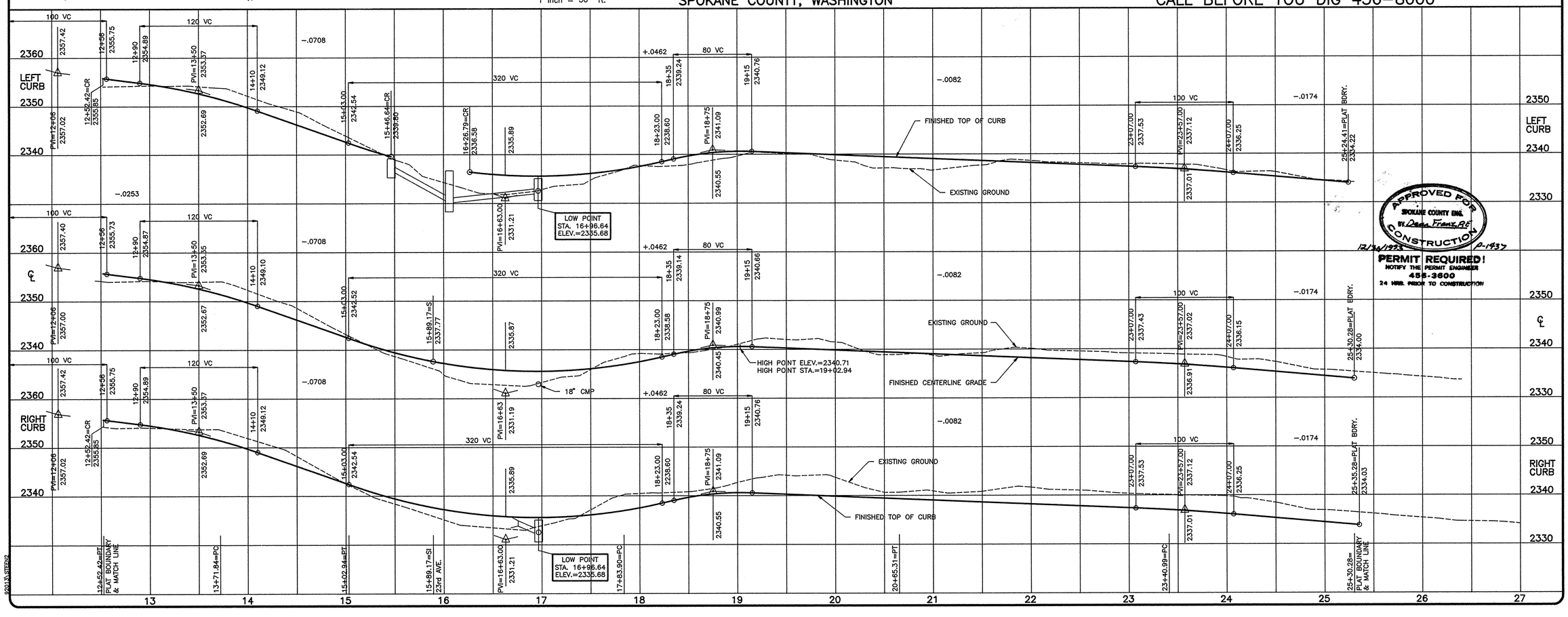
CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C1	410.00'	131.10'	66.11'	130.54'	18°19'14"
C2	200.00'	281.41'	169.66'	258.76'	80°37'02"
C3	410.00'	233.75'	120.15'	230.60'	32°39'58"
C10	20.00'	30.19'	18.81'	27.41'	86°29'55"
C11	20.00'	32.64'	21.26'	29.14'	93°30'05"

SECTION B
DRAINAGE AND SEWER EASEMENT

*10' FOR SEWER EASEMENT
5' FOR DRAINAGE EASEMENT

NOTE:

CONTRACTOR SHALL RELOCATE ANY UTILITIES, WHERE CONFLICTING, PRIOR TO CONSTRUCTION OF ROAD AND DRAINAGE FACILITIES.



NO.	DATE	BY

REVISIONS

DATE: 12/22/93
DRAWN BY: MTO
DESIGNED BY: TRW
CHECKED BY: TRW

SCALE: HORIZONTAL: 1"=50' VERTICAL: 1"=10'

INLAND PACIFIC ENGINEERING
707 West 7th • Suite 200 Spokane, WA 99204
(509) 458-6840 FAX: (509) 458-6844

RIDGEMONT ESTATES NO. 3
STEEN ROAD STREET
STA. 12+52.42 TO 25+30.28
PE-1437-83

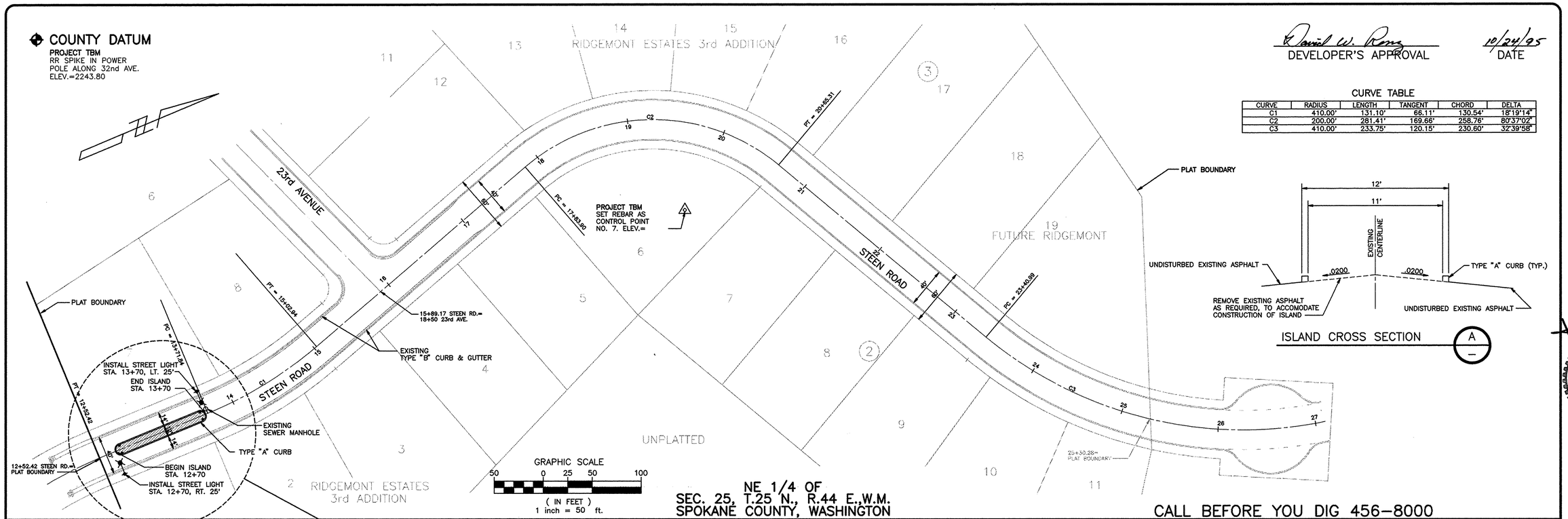
SHEET 5 OF 11
JOB NUMBER 92013

1437

COUNTY DATUM
PROJECT TBM
RR SPIKE IN POWER
POLE ALONG 32nd AVE.
ELEV.=2243.80

David W. Ring
DEVELOPER'S APPROVAL

10/24/95
DATE



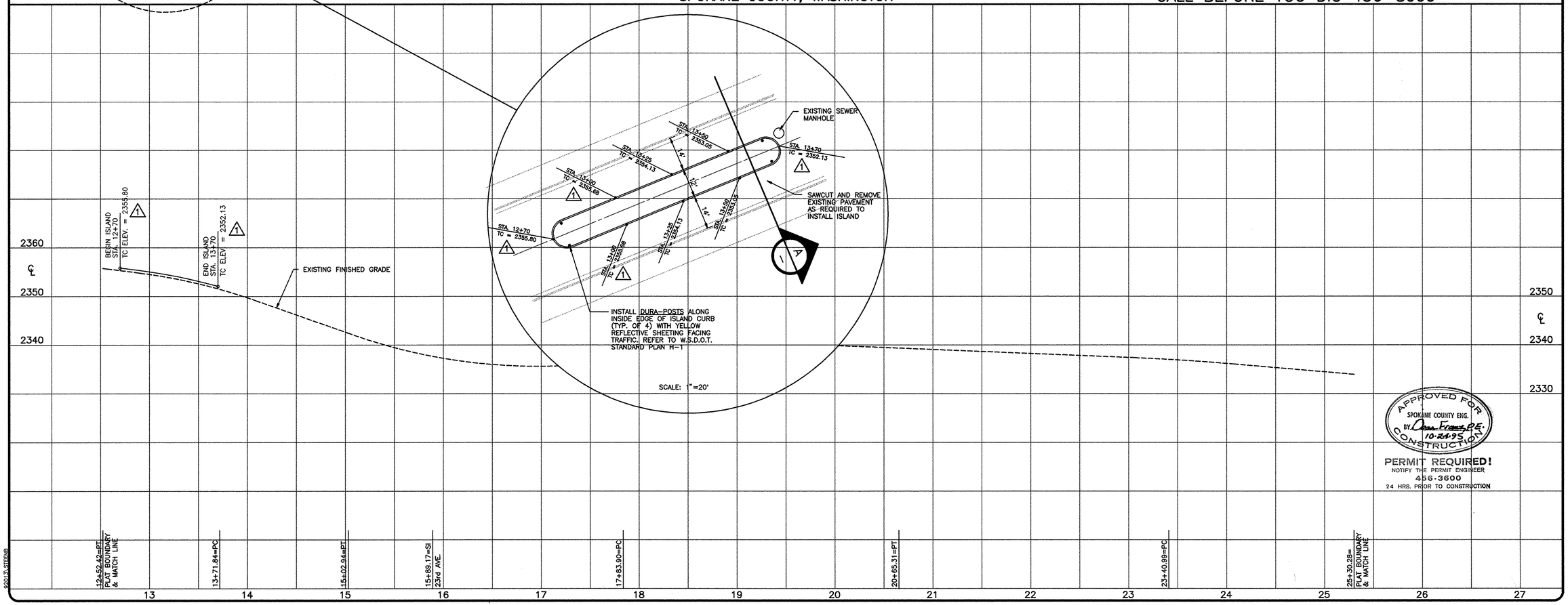
NE 1/4 OF
SEC. 25, T.25 N., R.44 E.,W.M.
SPOKANE COUNTY, WASHINGTON

CALL BEFORE YOU DIG 456-8000

CURVE TABLE

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C1	410.00'	131.10'	66.11'	130.54'	18°19'14"
C2	200.00'	281.41'	169.66'	258.76'	80°37'02"
C3	410.00'	233.75'	120.15'	230.60'	32°39'58"

ISLAND CROSS SECTION (A)



APPROVED FOR CONSTRUCTION
SPOKANE COUNTY ENG.
BY Dan Francis P.E. 10-24-95

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

92013\STEEN8

NO.	DATE	BY	REVISIONS
1	9/15/95	RLM2	REVISED ELEVATIONS ON ISLAND

DATE: 10/23/95
DRAWN BY: JFC
DESIGNED BY: TRW
CHECKED BY: TRW

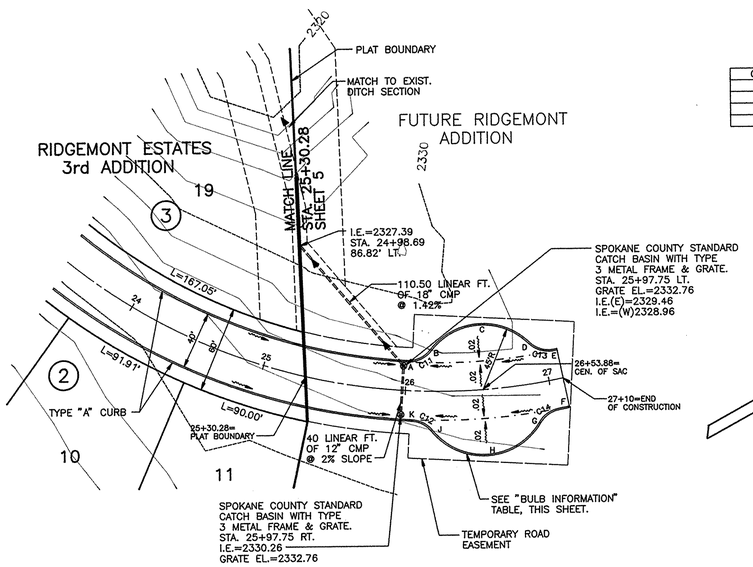
SCALE:
HORIZONTAL: 1"=50'
VERTICAL: 1"=10'

INLAND PACIFIC ENGINEERING
707 West 7th • Suite 200
Spokane, WA 99204
(509) 458-6840
FAX: (509) 458-6844

RIDGEMONT ESTATES NO. 3
STEEN ROAD
STA. 12+52.42 TO 25+30.28
PE-1437-83

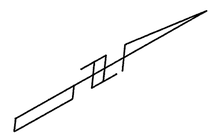
STREET

SHEET 5a OF 11
JOB NUMBER 92013



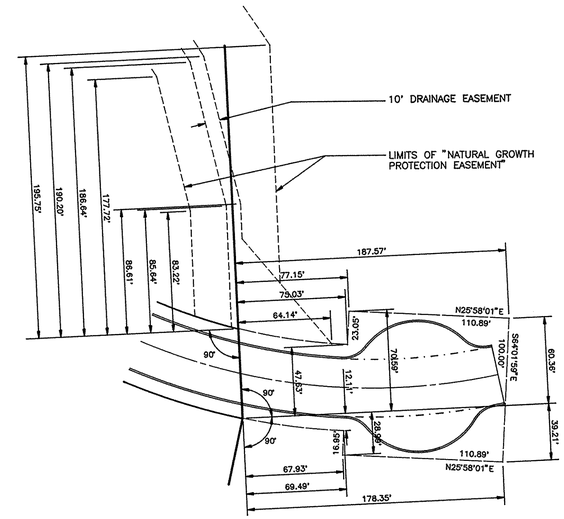
CURVE TABLE

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C11	20.00'	19.51'	10.61'	18.74'	55°53'17"
C12	20.00'	16.99'	9.05'	16.49'	48°40'50"
C13	20.00'	19.51'	10.61'	18.74'	55°53'17"
C14	20.00'	16.99'	9.05'	16.49'	48°40'50"



BULB INFORMATION

POINT	T.O.C. ELEV.
A	2333.36
B	2333.60
C	2334.43
D	2335.08
E	2335.57
F	2335.37
G	2335.01
H	2334.43
J	2333.58
K	2333.37



NOTE:
CONTRACTOR SHALL RELOCATE ANY UTILITIES, WHERE CONFLICTING, PRIOR TO CONSTRUCTION OF ROAD AND DRAINAGE FACILITIES.

APPROVED FOR CONSTRUCTION
SPOKANE COUNTY ENG.
BY Dean Franz, P.E.
12/30/1993 P-1437
PERMIT REQUIRED!
NOTIFY THE PERMIT ENGINEER
456-3600
24 HRS. PRIOR TO CONSTRUCTION

Kenneth J. Lupper
DEVELOPER'S APPROVAL

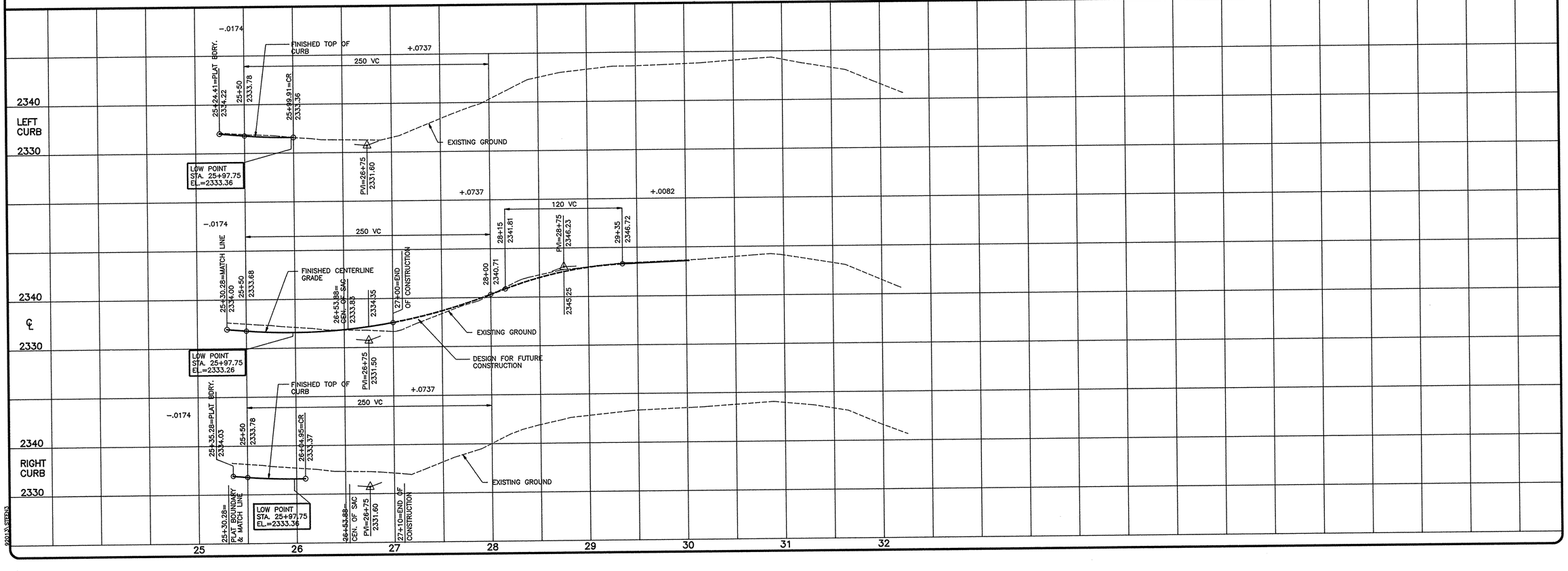
12-22-93
DATE

COUNTY DATUM
PROJECT TBM
RR SPIKE IN POWER POLE ALONG 32nd AVE.
ELEV.=2243.80

GRAPHIC SCALE
50 0 25 50 100
(IN FEET)
1 inch = 50 ft.

NE 1/4 OF
SEC. 25, T.25 N., R.44 E.,W.M.
SPOKANE COUNTY, WASHINGTON

CALL BEFORE YOU DIG 456-8000



REVISIONS			
NO.	DATE	BY	

DATE: 12/22/93
DRAWN BY: JFC
DESIGNED BY: TRW
CHECKED BY: TRW
EXPIRES 9/24

SCALE:
HORIZONTAL: 1"=50'
VERTICAL: 1"=10'

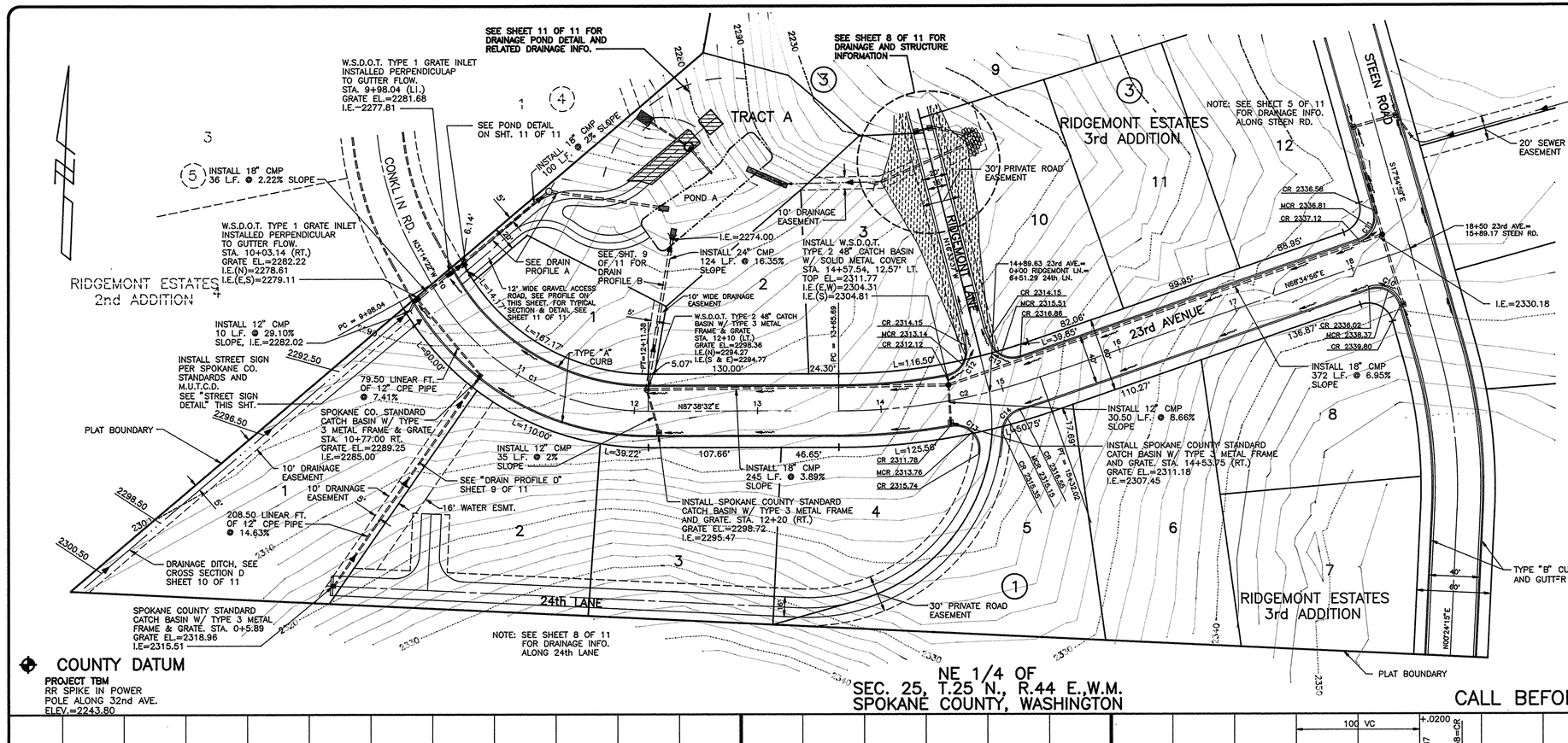
INLAND PACIFIC ENGINEERING
707 West 7th - Suite 200
Spokane, WA 99204
(509) 458-6840
FAX: (509) 459-6844

RIDGEMONT ESTATES NO. 3
STEEN ROAD
STA. 25+30.28 TO 27+10
PE-1437-83
STREET

SHEET 6 OF 11
JOB NUMBER 92013

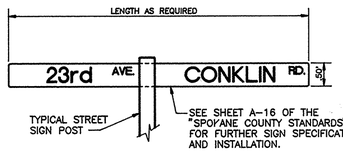
1437

92013\STEN3



CURVE TABLE

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C1	200.00'	213.34'	118.09'	203.37'	61°07'06"
C2	500.00'	166.33'	83.94'	165.56'	19°03'36"
C10	20.00'	32.64'	21.26'	29.14'	93°30'05"
C11	20.00'	30.19'	18.81'	27.41'	86°29'55"
C12	20.00'	32.70'	21.33'	29.18'	93°40'37"
C13	20.00'	38.43'	28.61'	32.78'	110°04'57"
C14	20.00'	24.81'	14.31'	23.28'	71°10'17"



STREET SIGN DETAIL

GRAPHIC SCALE

50 0 25 50 100

(IN FEET)
1 inch = 50 ft.

NOTE:

CONTRACTOR SHALL RELOCATE ANY UTILITIES, WHERE CONFLICTING, PRIOR TO CONSTRUCTION OF ROAD AND DRAINAGE FACILITIES.

DEVELOPER'S APPROVAL

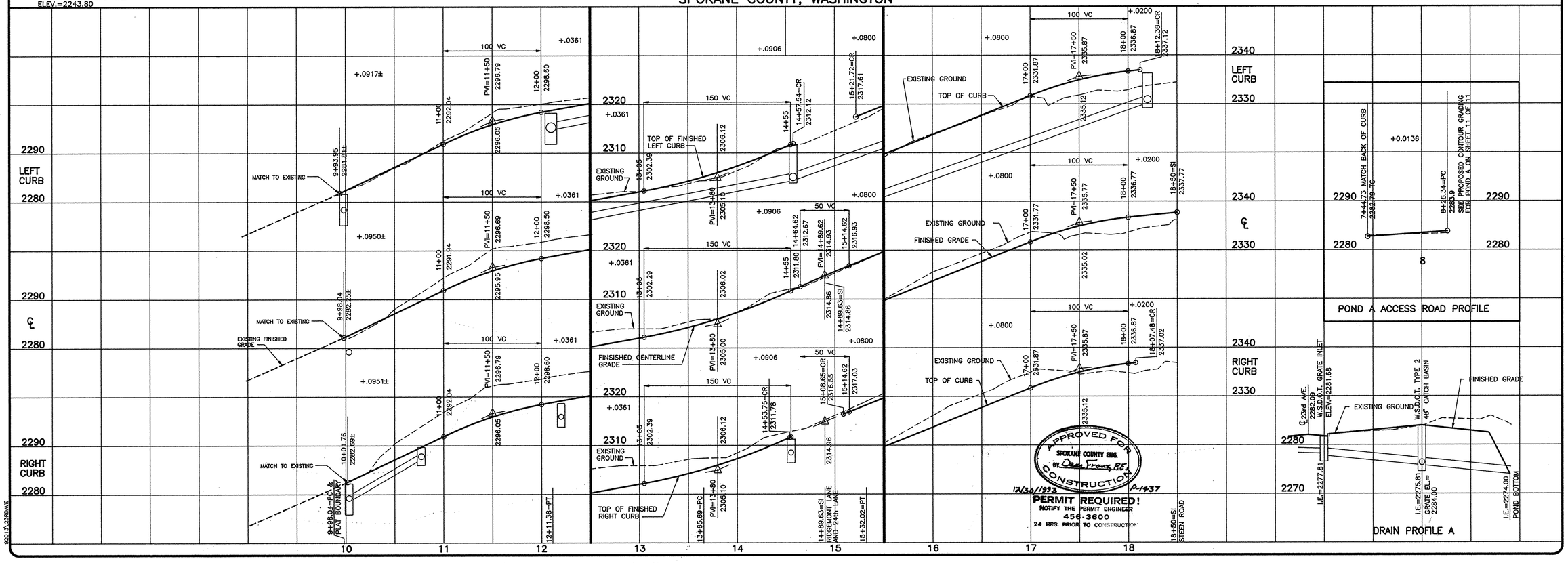
12-30-93
DATE

COUNTY DATUM

PROJECT TBM
RR SPIKE IN POWER POLE ALONG 32nd AVE.
ELEV.=2243.80

NE 1/4 OF
SEC. 25, T.25 N., R.44 E.,W.M.
SPOKANE COUNTY, WASHINGTON

CALL BEFORE YOU DIG 456-8000



NO.	DATE	BY	REVISIONS

DATE: 12/30/93
DRAWN BY: NWK
DESIGNED BY: TRW
CHECKED BY: TRW

SCALE:
HORIZONTAL: 1"=50'
VERTICAL: 1"=10'

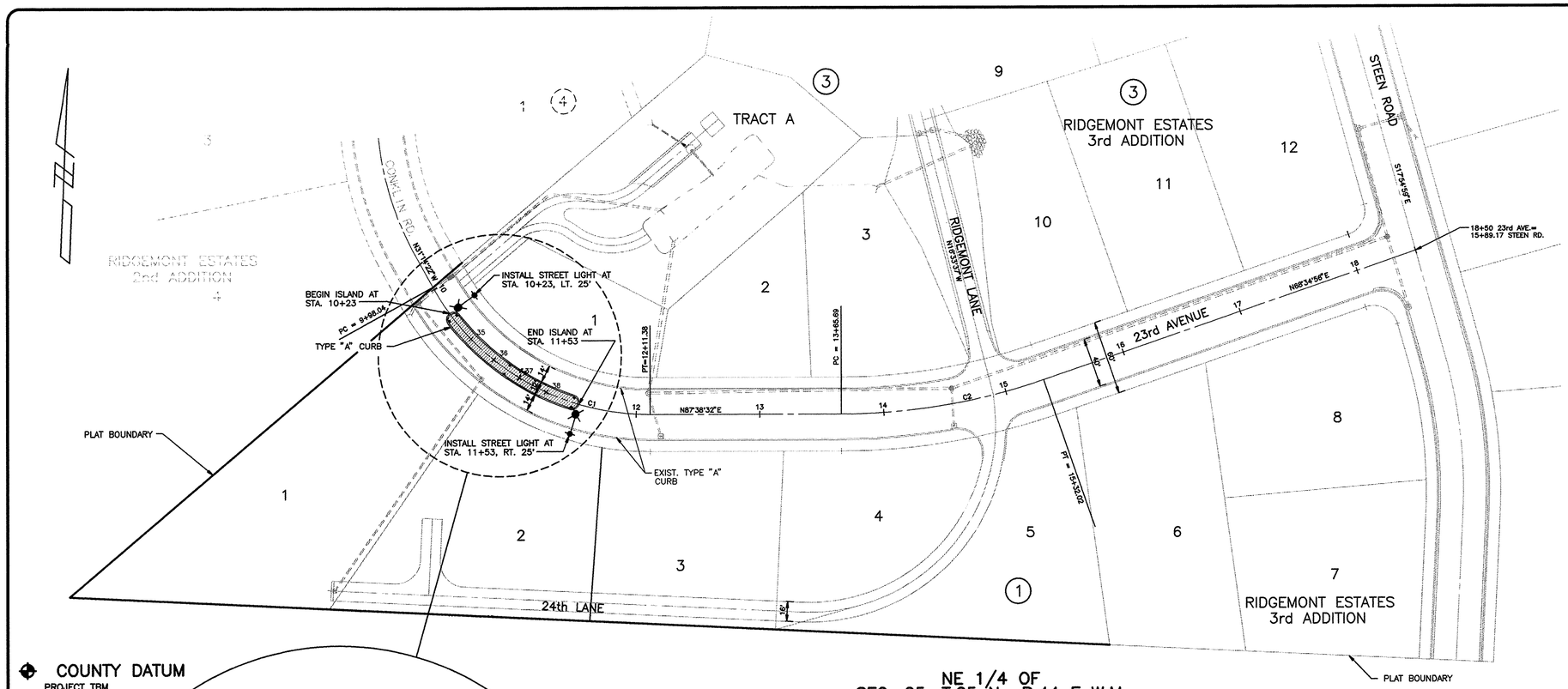
INLAND PACIFIC ENGINEERING
707 West 7th • Suite 200
Spokane, WA 99204
(509) 458-6840
FAX: (509) 458-6844

RIDGEMONT ESTATES NO. 3
23rd AVENUE STREET

PE-1437-83

SHEET 7 OF 11
JOB NUMBER 92013

1437



CURVE TABLE

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C1	200.00'	213.34'	118.09'	203.37'	61°07'06"
C2	500.00'	166.33'	83.94'	165.56'	19°03'36"

GRAPHIC SCALE

50 0 25 50 100

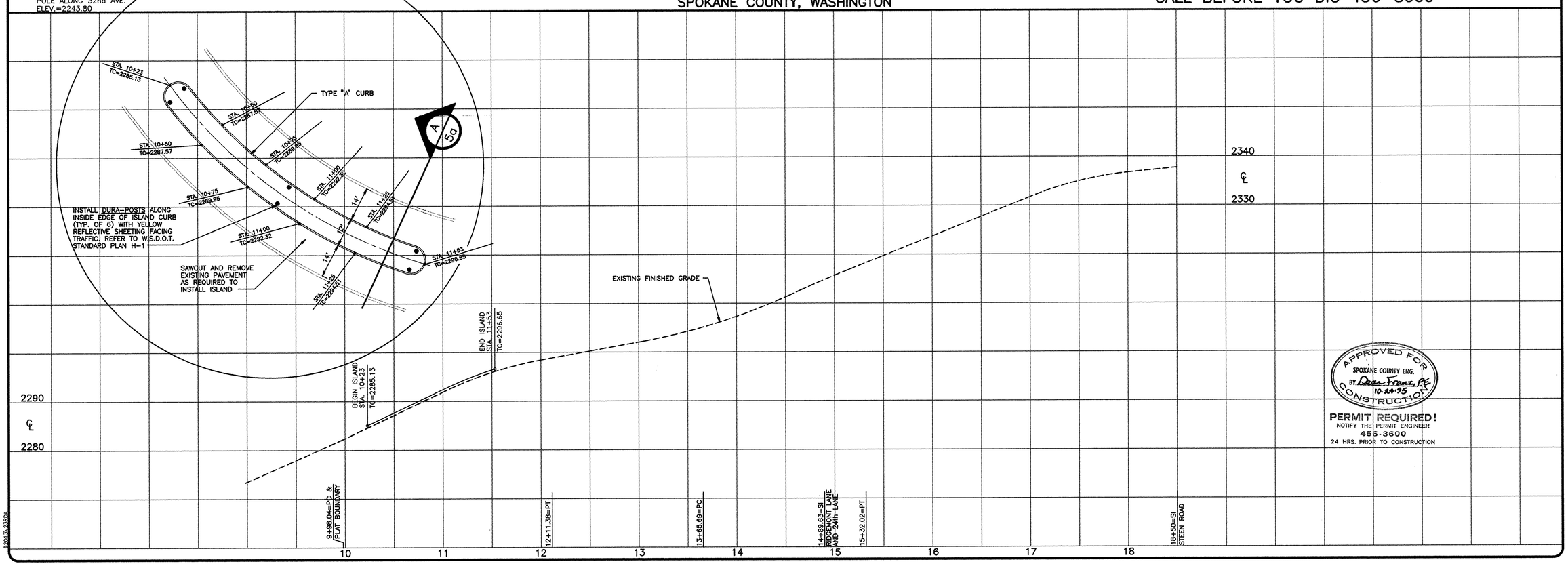
(IN FEET)
1 inch = 50 ft.

DEVELOPER'S APPROVAL — DATE 10/24/95

COUNTY DATUM
PROJECT TBM
RR SPIKE IN POWER POLE ALONG 32nd AVE.
ELEV.=2243.80

NE 1/4 OF
SEC. 25, T.25 N., R.44 E.,W.M.
SPOKANE COUNTY, WASHINGTON

CALL BEFORE YOU DIG 456-8000



APPROVED FOR CONSTRUCTION
SPOKANE COUNTY ENG.
BY Dean Franz, PE 10-24-95

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

NO.	DATE	BY	REVISIONS

DATE: 10/23/95
DRAWN BY: JFC MWK
DESIGNED BY: TRW
CHECKED BY: TRW

SCALE:
HORIZONTAL: 1"=50'
VERTICAL: 1"=10'

INLAND PACIFIC ENGINEERING
707 West 7th • Suite 200
Spokane, WA 99204
(509) 458-6840
FAX: (509) 458-6844

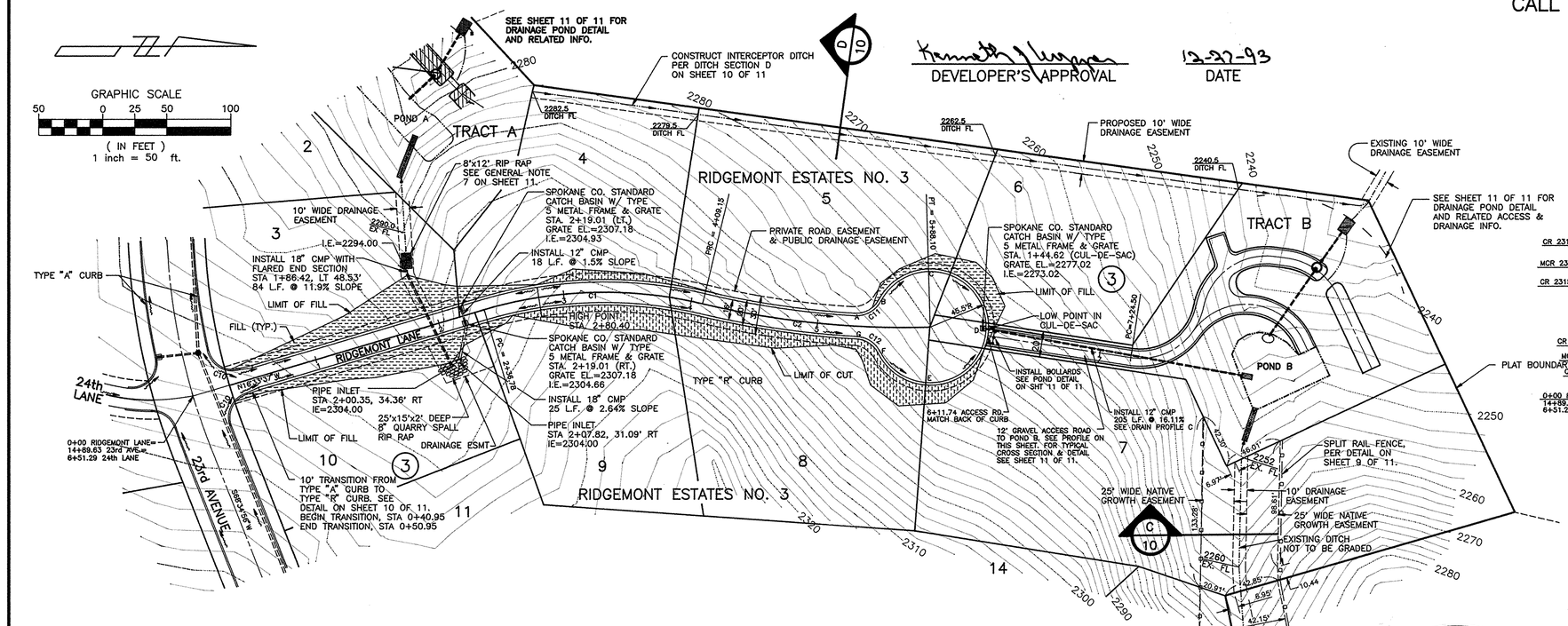
RIDGEMONT ESTATES NO. 3
23rd AVENUE
STREET
PE-1437-83

SHEET 7a OF 11
JOB NUMBER 92013

92013.238DA

CALL BEFORE YOU DIG 456-8000

GRAPHIC SCALE
50 0 25 50 100
(IN FEET)
1 inch = 50 ft.



NOTE:
CONTRACTOR SHALL RELOCATE ANY UTILITIES, WHERE CONFLICTING, PRIOR TO CONSTRUCTION OF ROAD AND DRAINAGE FACILITIES.

CURVE TABLE

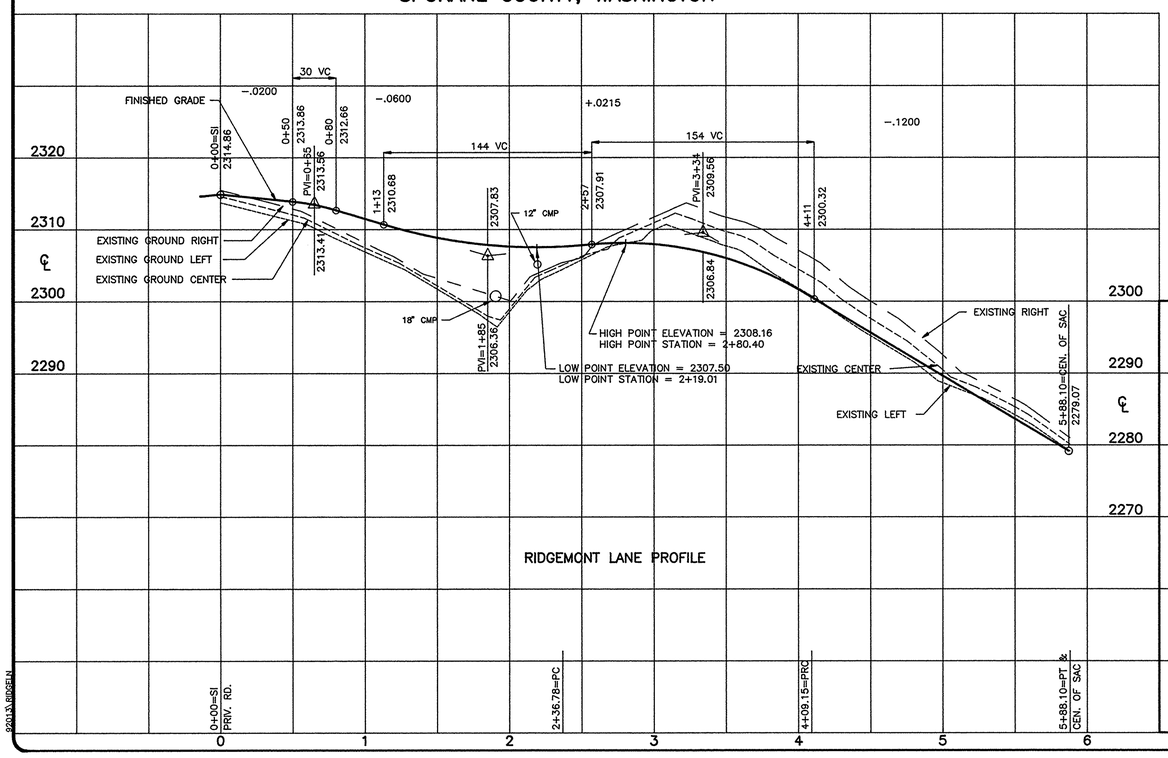
CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C1	328.60'	172.37'	88.22'	170.40'	30°03'16"
C2	676.91'	178.95'	90.00'	178.43'	15°08'49"
C10	20.00'	32.70'	21.33'	29.18'	93°40'37"
C11 *	20.00'	22.79'	12.81'	21.58'	65°17'28"
C12 *	20.00'	21.07'	11.63'	20.11'	60°21'18"

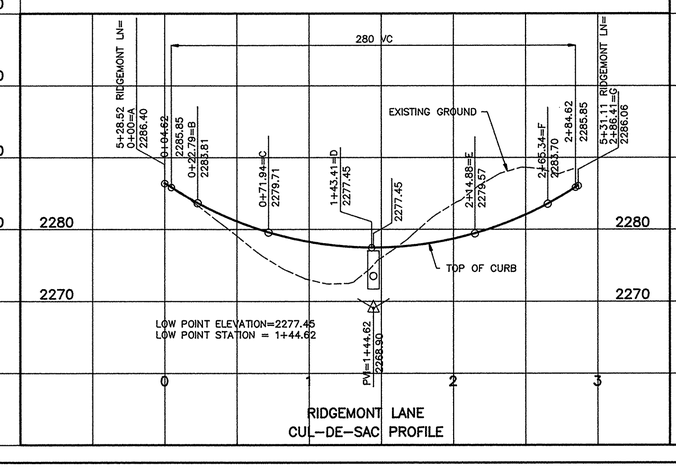
* RADIUS TO BACK OF CURB

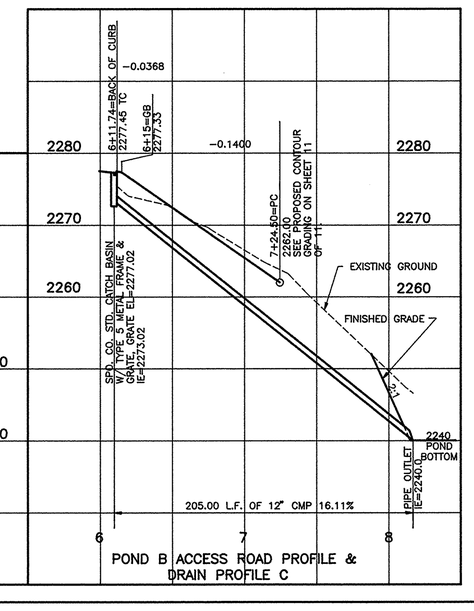
COUNTY DATUM
BASED ON FOUND TBM'S IN RIDGEMONT ESTATES 2nd ADDITION
x

NE 1/4 OF
SEC. 25, T.25 N., R.44 E.,W.M.
SPOKANE COUNTY, WASHINGTON

APPROVED FOR CONSTRUCTION
SPOKANE COUNTY ENG.
BY Dean Franz, P.E.
12/30/1993
P-1437
PERMIT REQUIRED!
NOTIFY THE PERMIT ENGINEER
456-3600
24 HRS. PRIOR TO CONSTRUCTION







NO.	DATE	BY	REVISIONS

DATE: 12/22/93
DRAWN BY: JFC
DESIGNED BY: TRW
CHECKED BY: TRW
EXPIRES 9/30/94

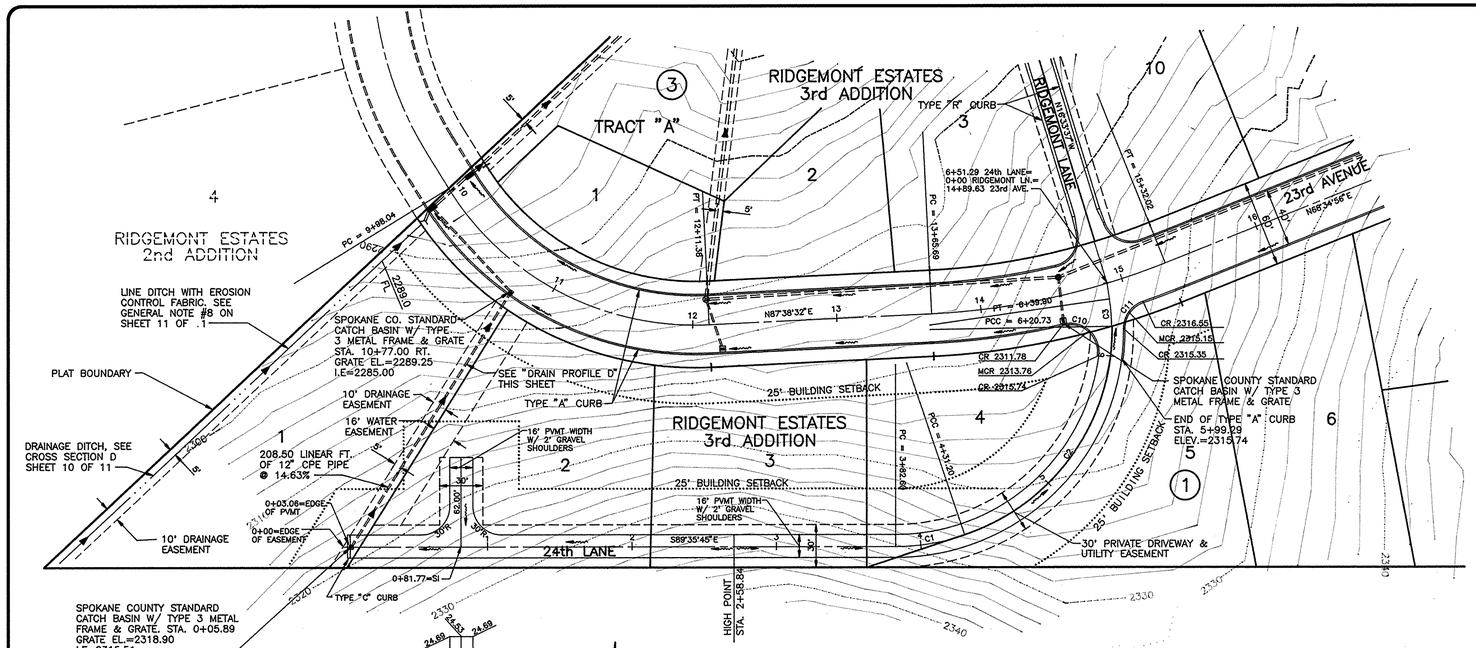
SCALE:
HORIZONTAL: 1"=50'
VERTICAL: 1"=10'

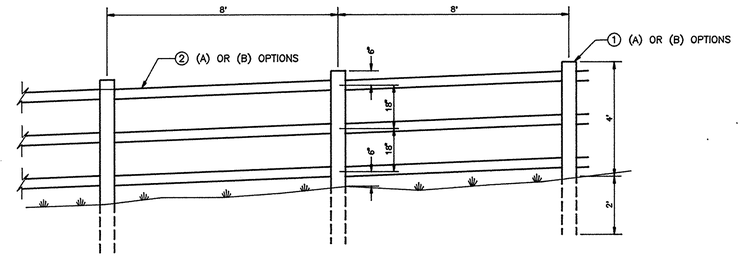
INLAND PACIFIC ENGINEERING
707 West 7th • Suite 200
Spokane, WA 99204
(509) 458-6840
FAX: (509) 458-6844

RIDGEMONT ESTATES NO. 3
RIDGEMONT LANE
STREET

SHEET 8 OF 11
JOB NUMBER 92013

1437





RAIL FENCE DETAIL

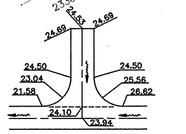
PLACE FENCE 36 FT. FROM CENTERLINE OF DRAINAGE EASEMENT ADJACENT TO OR THROUGH LOTS 7, 16, 17, 18, & 19, BLOCK 3, TO DEFINE "NATIVE GROWTH PROTECTION EASEMENT".

① (A) 6" DIA. PRESSURE TREATED WOOD POST WITH HOLES FOR RAILS.

① (B) SPLIT RAIL POST HAVING MINIMUM CROSS-SECTION OF 16 SQ. INCHES. BOTTOM 30 INCHES OF POST TO BE COATED WITH ASPHALT EMULSION. NAIL RAIL TO POST WITH 6" SPIKES.

② (A) 3" DIA. PRESSURE TREATED WOOD RAIL WITH ENDS FABRICATED TO FIT INTO POSTS.

② (B) SPLIT RAIL HAVING MINIMUM CROSS-SECTION OF 6 SQ. INCHES NAILED TO SPLIT RAIL POST WITH 6" SPIKES.



GRAPHIC SCALE

50 0 25 50 100

(IN FEET)
1 inch = 50 ft.

CURVE TABLE

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C1	150.00'	48.60'	24.52'	48.39'	18°33'54"
C2	150.00'	189.53'	109.77'	177.17'	72°23'42"
C3	150.00'	19.17'	9.60'	19.15'	07°19'15"
C10	20.00'	38.43'	28.61'	32.78'	110°04'57"
C11	20.00'	24.84'	14.31'	23.28'	71°10'17"

NOTE:

CONTRACTOR SHALL RELOCATE ANY UTILITIES, WHERE CONFLICTING, PRIOR TO CONSTRUCTION OF ROAD AND DRAINAGE FACILITIES.

APPROVED FOR CONSTRUCTION
SPOKANE COUNTY ENG.
BY Dean Franz, P.E.
12/30/1993 P-1437
PERMIT REQUIRED!
NOTIFY THE PERMIT ENGINEER
456-3600
24 HRS. PRIOR TO CONSTRUCTION

Kenneth J. Lupp 12-30-93

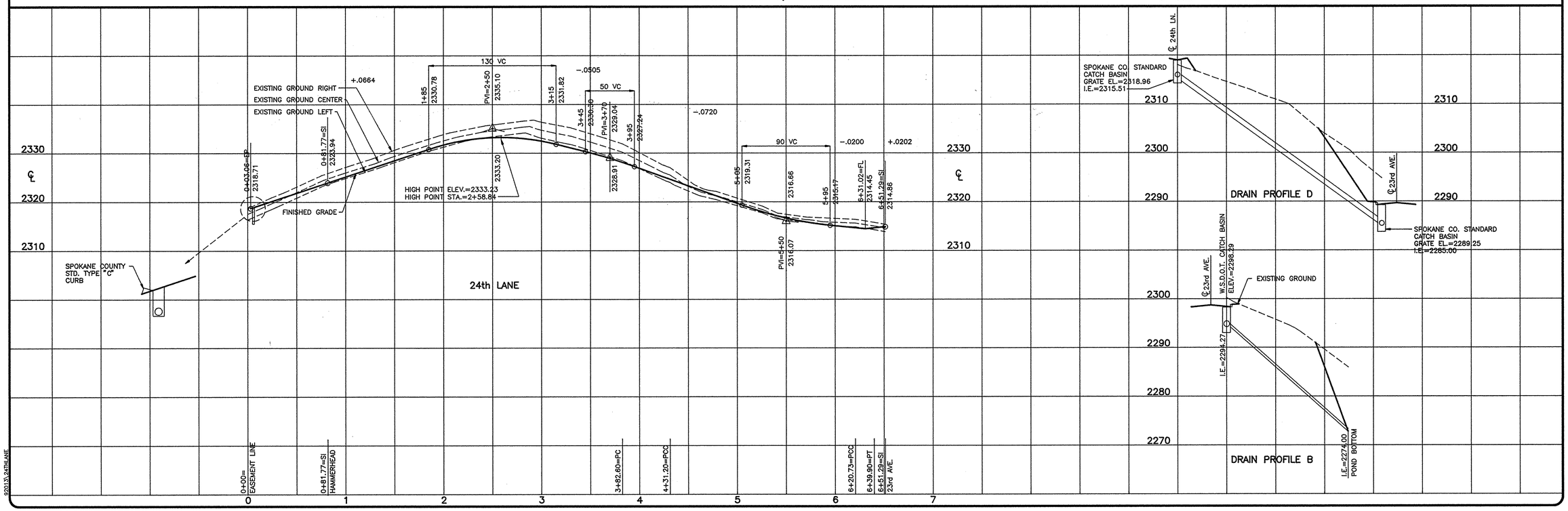
DEVELOPER'S APPROVAL DATE

COUNTY DATUM

PROJECT TBM
RR SPIKE IN POWER POLE ALONG 32nd AVE.
ELEV.=2243.80

NE 1/4 OF
SEC. 25, T.25 N., R.44 E.,W.M.
SPOKANE COUNTY, WASHINGTON

CALL BEFORE YOU DIG 456-8000



92013\24THLANE

NO.	DATE	BY	REVISIONS

DATE: 12/30/93
DRAWN BY:
DESIGNED BY: TRW
CHECKED BY: TRW

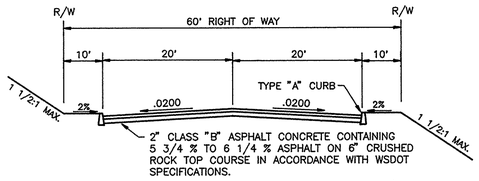
SCALE:
HORIZONTAL: 1"=50'
VERTICAL: 1"=10'

INLAND PACIFIC ENGINEERING
707 West 7th • Suite 200 Spokane, WA 99204
(509) 458-6840
FAX: (509) 458-6844

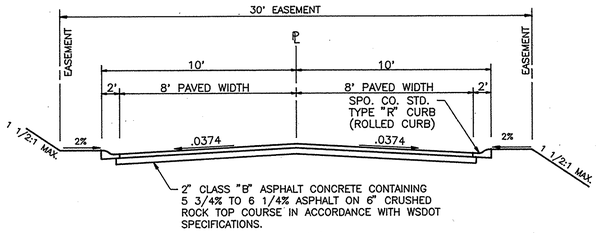
RIDGEMONT ESTATES NO. 3
24th LANE
STREET
PE-1437-83

SHEET 9 OF 11
JOB NUMBER 92013

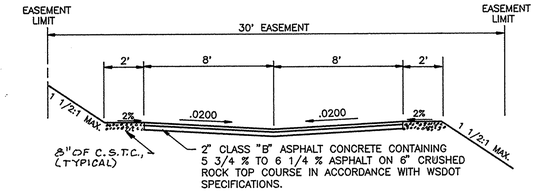
1437



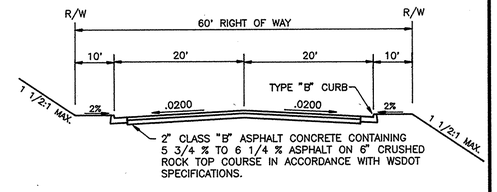
TYPICAL CROSS-SECTION
STEEN ROAD
STA. 17+00 TO 25+30.28
23rd AVENUE



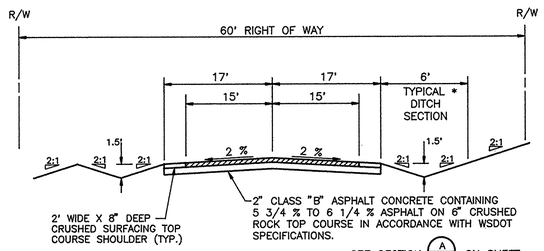
TYPICAL CROSS-SECTION
RIDGEMONT LANE (PRIVATE ROAD)



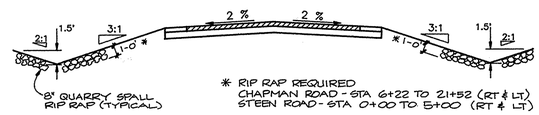
TYPICAL CROSS-SECTION
24th LANE (PRIVATE ROAD)



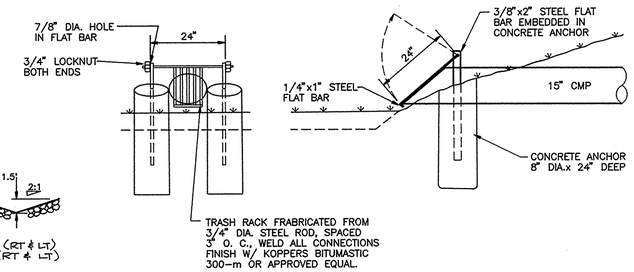
TYPICAL CROSS-SECTION
STEEN ROAD
STA. 12+52.42 TO 17+00



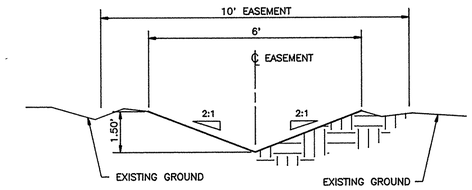
TYPICAL CROSS-SECTION
STEEN ROAD
STA. 0+00 TO 12+52.42
CHAPMAN ROAD



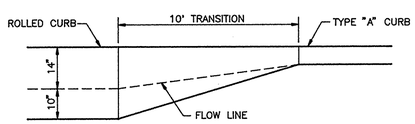
ALTERNATE DITCH SECTION FOR TYPICAL CROSS-SECTION



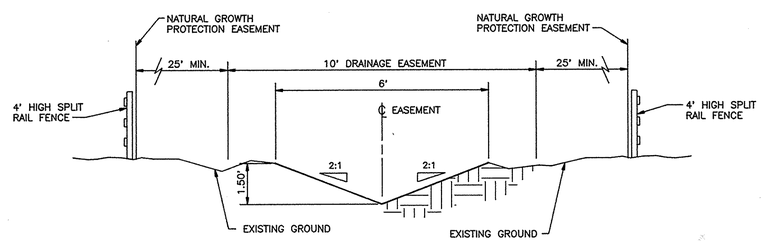
TRASH RACK DETAIL



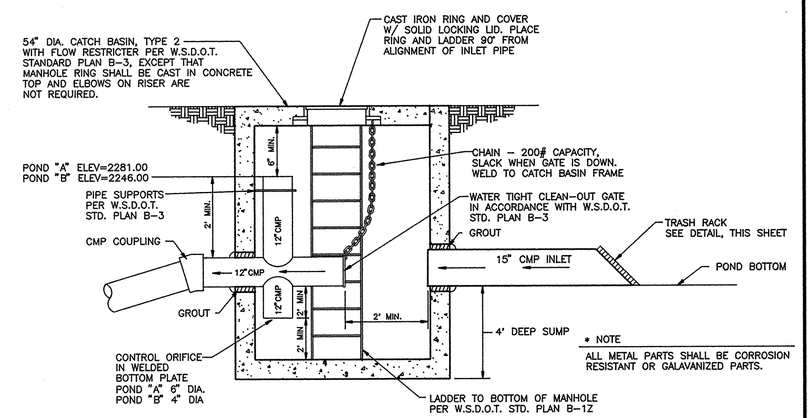
DITCH CROSS-SECTION D
NTS



CURB TRANSITION DETAIL
ROLLED CURB TO STANDARD CURB



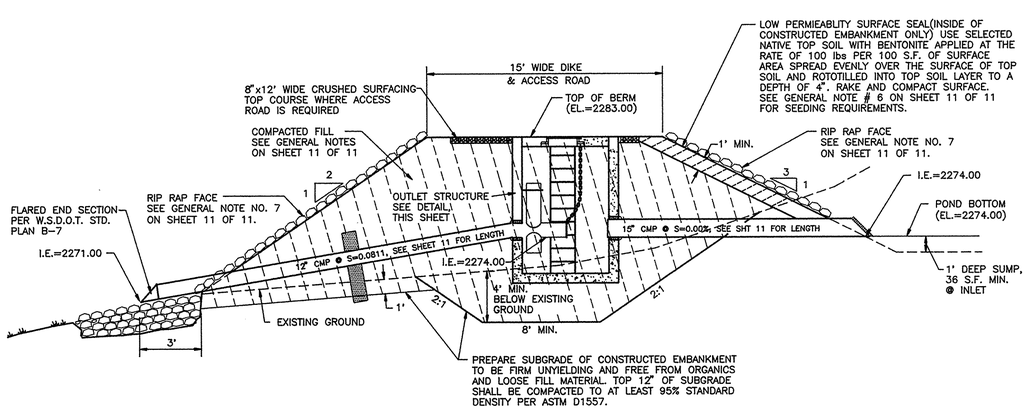
DITCH CROSS-SECTION C
NTS



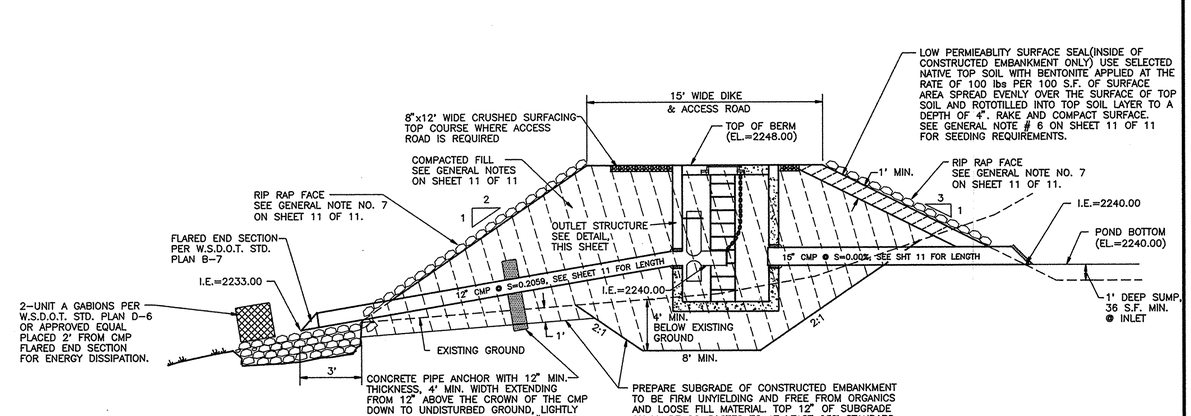
TYPICAL OUTLET STRUCTURE

APPROVED FOR CONSTRUCTION
SPOKANE COUNTY ENG.
BY Dean Fraser, P.E.
12/30/1993
P-1437
PERMIT REQUIRED!
NOTIFY THE PERMIT ENGINEER
456-3600
24 HRS. PRIOR TO CONSTRUCTION

DEVELOPER'S APPROVAL — DATE 12-22-93



POND A DIKE & DRAINAGE STRUCTURE SECTION
SEE TYPICAL OUTLET STRUCTURE DETAIL ABOVE



POND B DIKE & DRAINAGE STRUCTURE SECTION
SEE TYPICAL OUTLET STRUCTURE DETAIL ABOVE

NO.	DATE	BY	REVISIONS

DATE: 12/22/93
DRAWN BY: JFC, MWK
DESIGNED BY: TRW
CHECKED BY: TRW

SCALE: HORIZONTAL: NTS VERTICAL: NTS

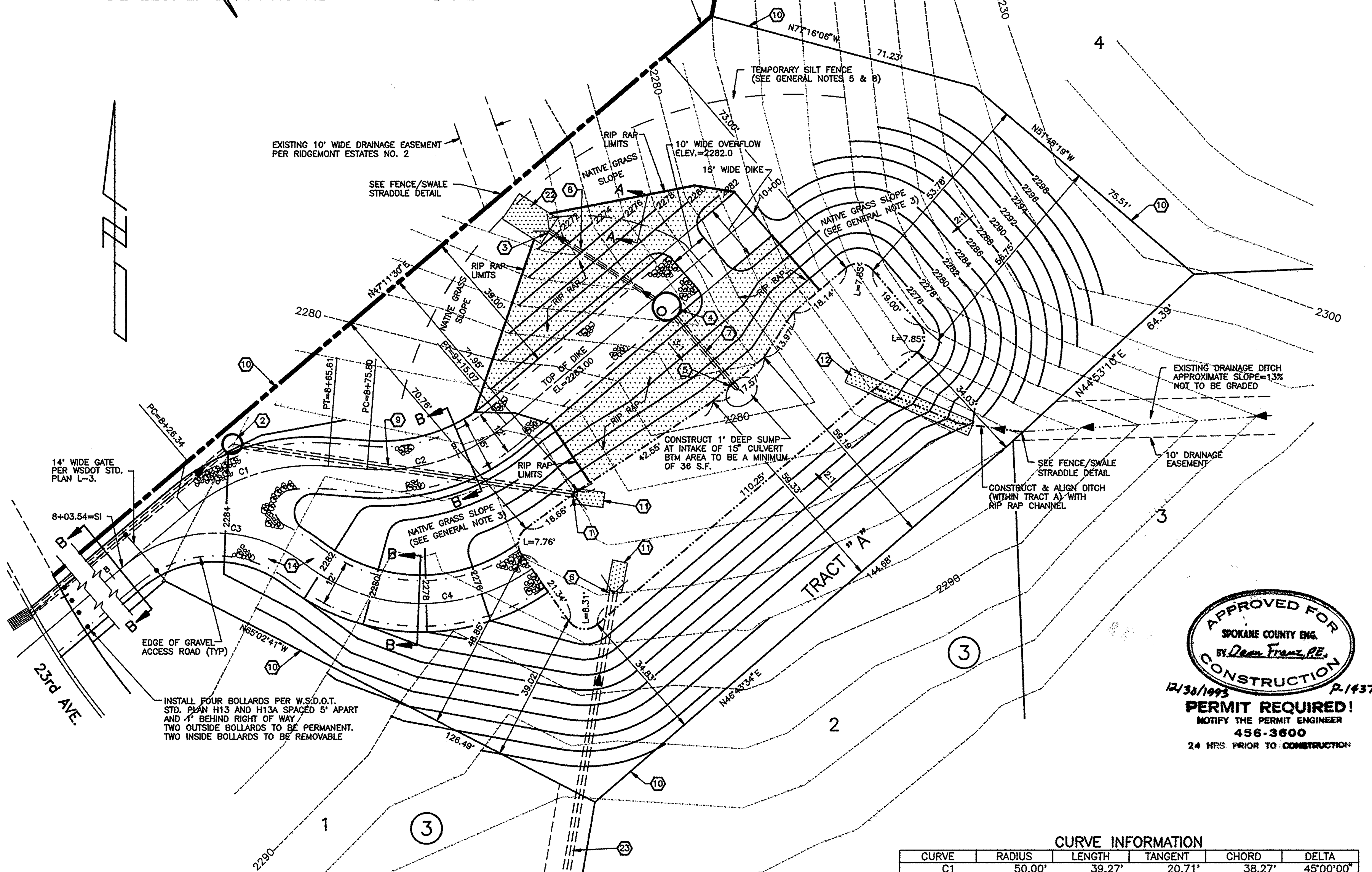
INLAND PACIFIC ENGINEERING
707 West 7th - Suite 200
Spokane, WA 99204
(509) 458-6840
FAX: (509) 455-6844

RIDGEMONT ESTATES NO. 3 STREET
DETAILS
PE-1437-83

SHEET 10 OF 11
JOB NUMBER 92013

1437

Kenneth [signature] 12-27-93
DEVELOPER'S APPROVAL DATE



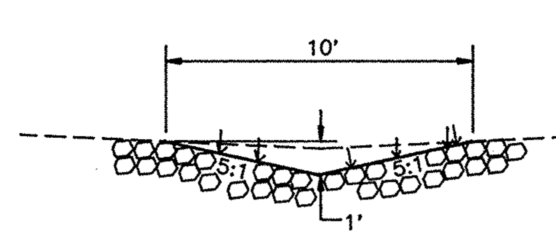
APPROVED FOR CONSTRUCTION
SPOKANE COUNTY ENG.
BY Dean Franz, P.E.
12/30/1993 P-1437
PERMIT REQUIRED!
NOTIFY THE PERMIT ENGINEER
456-3600
24 HRS. PRIOR TO CONSTRUCTION

POND A (1/11)

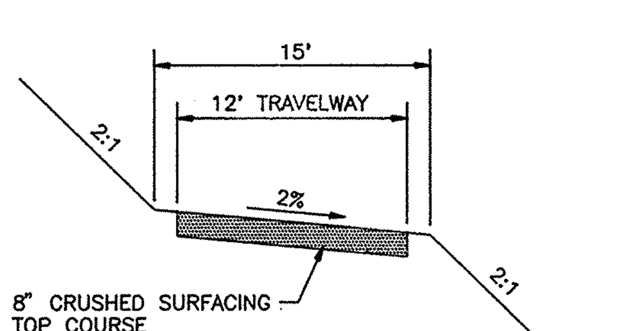
SCALE: 1"=20'
POND BOTTOM ELEV. = 2274.00
POND BOTTOM AREA = 3320 S.F.
SEE SHEET 10 OF 11 FOR TYPICAL SECTION

CURVE INFORMATION

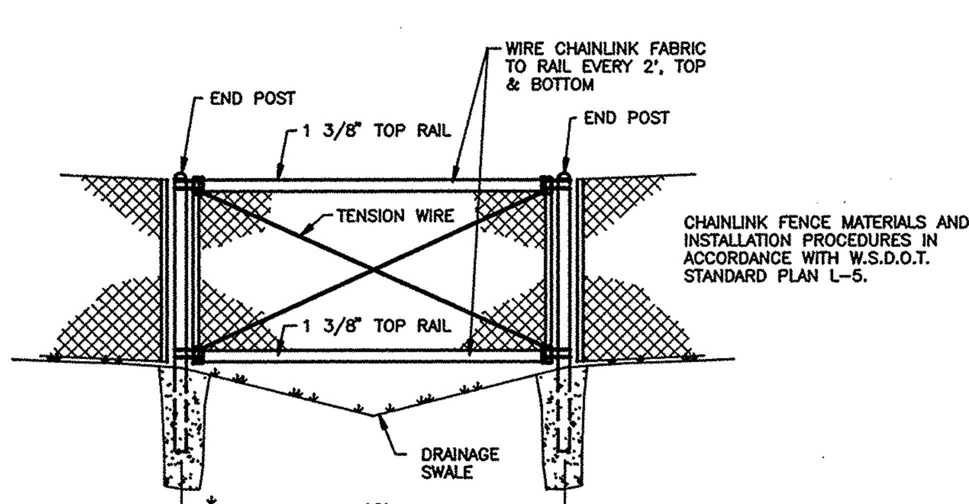
CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C1	50.00'	39.27'	20.71'	38.27'	45°00'00"
C2	50.00'	39.27'	20.71'	38.27'	45°00'00"
C3	37.50'	51.34'	30.61'	47.42'	78°26'35"
C4	50.00'	58.82'	33.35'	55.49'	67°24'24"
C5	50.00'	75.42'	46.97'	68.47'	86°25'19"
C6	50.00'	49.77'	27.17'	47.74'	57°02'14"
C7	50.00'	104.47'	86.10'	86.48'	119°42'36"
C8	50.00'	76.13'	47.65'	68.99'	87°14'17"



SECTION A–A



TYPICAL ACCESS ROAD CROSS–SECTION
SECTION B–B



FENCE/SWALE STRADDLE DETAIL
NOT TO SCALE

CONSTRUCTION NOTES:

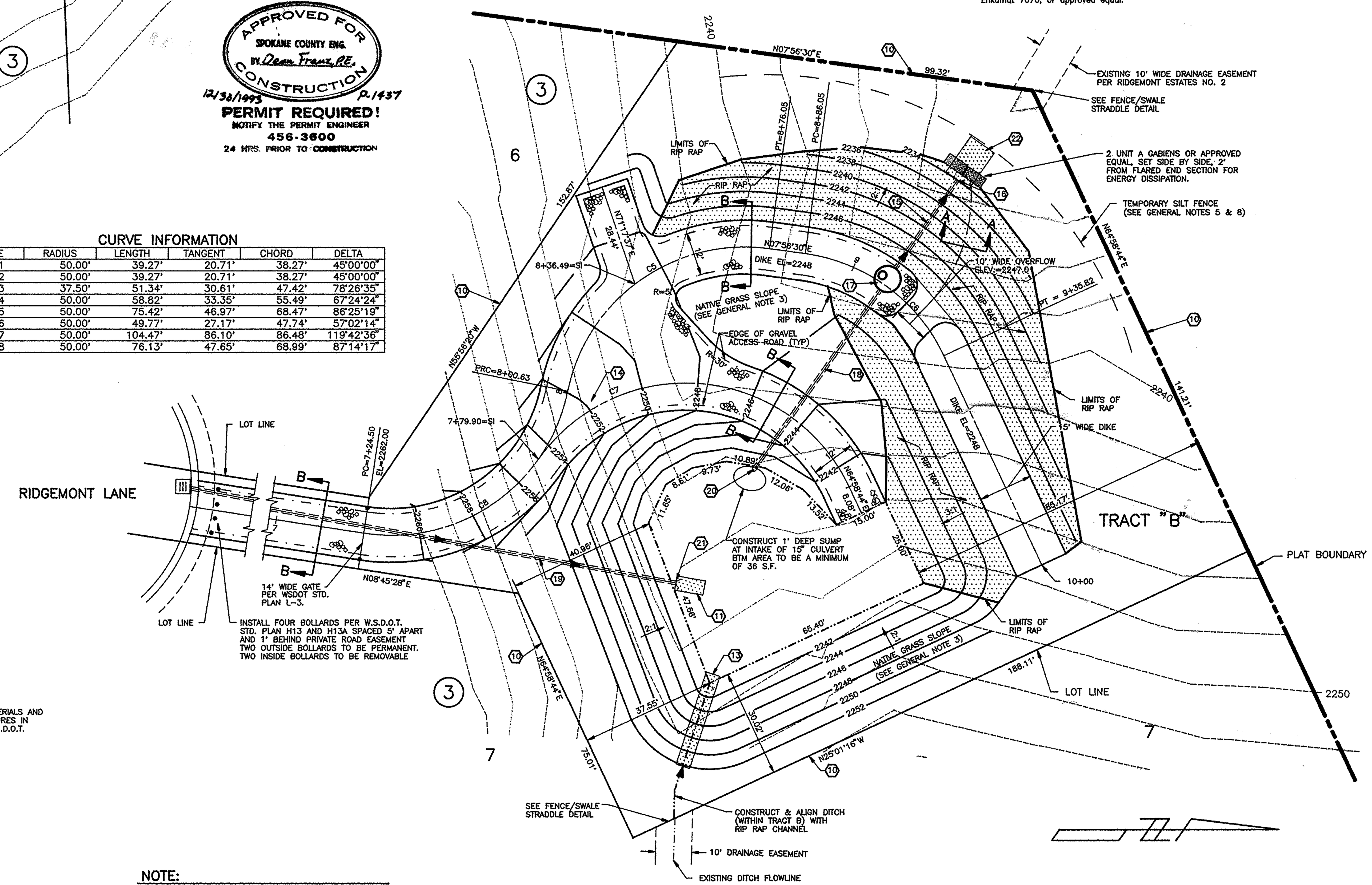
1. 18" PIPE OUTLET, STA 9+16.40, RT 25.37'
2. W.S.D.O.T. TYPE 2 48" CB WITH SPO. CO. STD. TYPE 1 METAL FRAME & SOLID COVER. STA 8+43.55, LT 9.41', SEE DRAIN PROFILE A ON SHT 7 OF 11.
3. 12" PIPE OUTLET, IE=2271.0. STA 9+56.42, LT 31.22'
4. OUTLET STRUCTURE, SEE DETAIL ON SHEET 10 OF 11. STA 9+66.93, RT 3.87'.
5. PIPE INLET WITH FLARED END SECTION & TRASH RACK (SEE TRASH RACK DETAIL ON SHT 10 OF 11) IE=2274.00, STA 9+66.93, RT 32.48'
6. 24" PIPE OUTLET, IE=2274.0. STA 9+11.50, RT 52.0'
7. 29 L.F. OF 15" CMP, SEE DETAIL ON SHEET 10 OF 11.
8. 37 L.F. OF 12" CMP @ S=0.0811, SEE DETAIL ON SHEET 10 OF 11.
9. 90 L.F. OF 18" CMP @ S=0.0201, SEE PROFILE A ON SHT 7 OF 11.
10. INSTALL 6' HIGH CHAIN LINK FENCE PER W.S.D.O.T. STD. L–5, DESIGN B.
11. INSTALL 8'x4'x2' DEEP 8" QUARRY SPALL RIP RAP.
12. INSTALL 35'x4'x2' DEEP 8" QUARRY SPALL RIP RAP.
13. INSTALL 27'x4'x2' DEEP 8" QUARRY SPALL RIP RAP.
14. CONSTRUCT 15' WIDE ACCESS ROAD, SEE TYPICAL CROSS SECTION, THIS SHEET.
15. INSTALL 34 L.F. OF 12" C.M.P. @ S=0.2059, SEE POND B DIKE & DRAINAGE STRUCTURE SECTION ON SHEET 10 OF 11.
16. 12" PIPE OUTLET, IE=2233.00. STA 9+09.74, LT 35.50'.
17. OUTLET STRUCTURE, SEE DETAIL ON SHEET 10 OF 11. STA 9+09.74, LT 1.81'.
18. 64 L.F. OF 15" CMP
19. 205 L.F. OF 12" CMP @ S=0.1611
20. PIPE INLET WITH FLARED END SECTION, IE=2240.0, STA 8+80.64, RT 60.55'.
21. 12" PIPE OUTLET, IE=2240.00, STA 7+76.89, RT 51.19'
22. 8'x12'x2' DEEP 8" QUARRY SPALL RIP RAP.
23. 124 L.F. OF 24" CMP @ S=0.1635, SEE DRAIN PROFILE B, SHEET 9 OF 11.

GENERAL NOTES:

1. The Standard Specifications governing work on this project shall be the 1991 Standard Specifications for Road, Bridge and Municipal Construction as promulgated by Washington State Dept. of Transportation and as currently adopted by Spokane County
2. Clear and grub the entire site of excavation and embankment in accordance with Section 2–01 of the Standard Specifications, except that burning if allowed shall be in accordance with regulations of the Spokane County Air Pollution Control Authority.
3. All required embankment shall be placed in accordance with paragraph 2–03.3(14)B and compacted in accordance with paragraph 2–03.3(14)C, Method C, of the Standard Specifications, except under all conditions use 12" lifts and that the minimum required compaction shall be 95% (ASTM D1557). Material for embankment construction is to be obtained from excess excavation material from road construction elsewhere within the Ridgemont Plat. All required excavation shall be incidental to the embankment requirements of the project. Embankment material will be a mixture of medium textured silt loam, decomposed granite, and fractured rock obtained from excess excavated material from road construction activities elsewhere on the Ridgemont site. The contractor shall mix the available soil materials to create a homogeneous embankment material. Embankment construction methods shall be in accordance with paragraph 2–03.3(14)A, except that the top 4 inches of the sloping sides of the embankment shall be native top soil material. The embankment gradation shall be as follows:

SIEVE SIZE	PERCENT PASSING
12" Square	100
6" Square	95–100
3" Square	75–100
1" Square	50–75
1/4" Square	30–60
US NO 40	10–40

4. The Contractor shall employ at his own expense a soils consultant approved by the Owner to determine optimum desired moisture content and to perform up to 50 compaction density tests. Compaction tests shall be taken at a minimum of 2 locations on each 12" lift of embankment construction and the prepared subgrade. The soils consultant shall keep written records of all tests and upon completion of embankment construction shall submit 3 copies of a written report to Spokane County which verifies that compaction requirements have been met.
5. Temporary erosion control during construction shall be accomplished by constructing a silt fence around the construction site as indicated below. The silt fence shall be 6 mil. polyethylene plastic film 6 to 10 ft. wide with one edge secured to natural ground with a small continuous earth berm piled on top of the plastic, and the other edge supported 12" to 18" above the natural ground with wood lath stake driven into the ground and spaced approximately 10 feet apart. The silt fence shall be installed prior to the beginning of any work in the Tract, and shall be maintained until seeding is complete.
6. After completion of all clearing, grubbing, excavation and embankment construction, seed all cut bank slopes and fill embankments and other areas disturbed during construction. Seed mixture should be streambank wheatgrass (Sodar) 33.3%, Tall Wheatgrass (Alkar) 33.33% and intermediate wheatgrass (Greenar) 33.4%. Application shall be at the rate of 60 lbs. seed mixture per acre and shall include a fertilizer mix which yields 135 lbs./acre total Nitrogen as N, 80 lbs./acre available as Phosphoric P205, and 80 lbs./acre soluble Potash K20. The seed and fertilizer mixture shall be sprayed on as a mulch with a tackifier of Terra Tac AR or J–Tac HS applied at the rate recommended by the manufacturer, and with wood cellulose fiber applied at 150 lbs./acre.
7. Where Rip Rap is called for in plans for embankment slope protection the rip rap material shall be quarry spalls in accordance with WSDOT standard specification section 9–13.6, placed 6" to 12" thick similar to the method outlined in section 8–15.3(2) except that the loose rip rap may be machine spread to the required thickness with some disturbance of the underlying slope.
   Where Rip Rap is called for on the plans for erosion protection at the end of culverts or in drainage swales, the area in question shall be excavated to a depth of 2' below finished grade with erosion control fabric placed in the bottom of the overexcavated area and quarry spall Rip Rap material in accordance with Section 9–13.6 placed to a depth of 2'. Erosion control fabric placed beneath Rip Rap shall be "AMOCO #4545" or approved equal.
8. Erosion control fabric to be North American Green P–300, Enkamat 7070, or approved equal.



NOTE:
CONTRACTOR SHALL RELOCATE ANY UTILITIES, WHERE CONFLICTING, PRIOR TO CONSTRUCTION OF ROAD AND DRAINAGE FACILITIES.

POND B (2/11)

SCALE: 1"=20'
POND BOTTOM ELEV. = 2240.00
POND BOTTOM AREA = 2790 S.F.
SEE SHEET 10 OF 11 FOR TYPICAL SECTION

REVISIONS | NO. | DATE | BY

TODD R. WHIPPLE, STATE OF WASHINGTON, 25462, REGISTERED PROFESSIONAL ENGINEER, EXPIRES 9/24/94

DATE: 12/22/93
DRAWN BY: JFC, MWK
DESIGNED BY: TRW
CHECKED BY: TRW

SCALE:
HORIZONTAL: 1"=20'
VERTICAL: N/A

INLAND PACIFIC ENGINEERING
707 West 7th • Suite 200
Spokane, WA 99204
(509) 458-6840
FAX: (509) 458-6844

RIDGEMONT ESTATES NO. 3
RETENTION PONDS
STREET
PE–1437–83

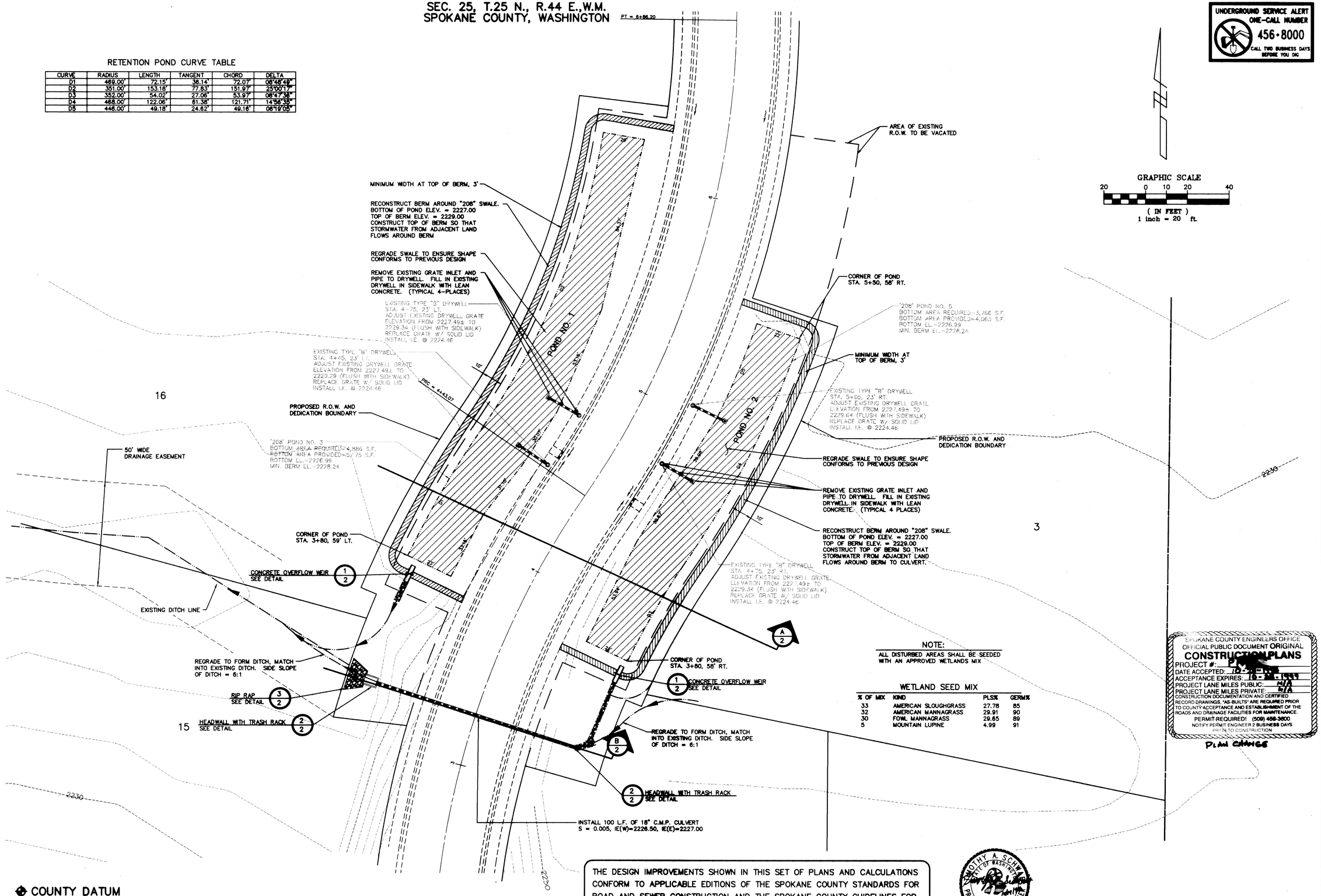
SHEET 11 OF 11
JOB NUMBER 92013
1437

SEC. 25, T.25 N., R.44 E.,W.M.
SPOKANE COUNTY, WASHINGTON

UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER
456-8000
CALL TWO BUSINESS DAYS BEFORE YOU DIG

RETENTION POND CURVE TABLE

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
D1	469.00'	72.15'	36.14'	72.07'	08°48'49"
D2	351.00'	153.18'	77.83'	151.97'	25°00'17"
D3	352.00'	54.02'	27.06'	53.97'	08°47'38"
D4	468.00'	122.06'	61.38'	121.71'	14°56'35"
D5	446.00'	49.18'	24.62'	49.16'	06°19'05"



NOTE:
ALL DISTURBED AREAS SHALL BE SEEDED WITH AN APPROVED WETLANDS MIX

WETLAND SEED MIX

% OF MIX	KIND	PLS%	GERM%
33	AMERICAN SLOUGHGRASS	27.78	85
32	AMERICAN MANNAGRASS	29.91	90
30	FOWL MANNAGRASS	29.65	89
5	MOUNTAIN LUPINE	4.99	91

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: PW-
DATE ACCEPTED: 10-19-98
ACCEPTANCE EXPIRES: 10-19-1999
PROJECT LANE MILES PUBLIC: N/A
PROJECT LANE MILES PRIVATE: N/A
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS, "AS-BUILTS" ARE REQUIRED PRIOR TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF THE ROADS AND DRAINAGE FACILITIES FOR MAINTENANCE.
PERMIT REQUIRED! (509) 456-3600
NOTIFY PERMIT ENGINEER 2 BUSINESS DAYS PRIOR TO CONSTRUCTION

PLAN CHANGE

THE DESIGN IMPROVEMENTS SHOWN IN THIS SET OF PLANS AND CALCULATIONS CONFORM TO APPLICABLE EDITIONS OF THE SPOKANE COUNTY STANDARDS FOR ROAD AND SEWER CONSTRUCTION AND THE SPOKANE COUNTY GUIDELINES FOR STORMWATER MANAGEMENT. ALL DESIGN DEVIATIONS HAVE BEEN APPROVED BY THE SPOKANE COUNTY ENGINEER. I APPROVE THESE PLANS FOR CONSTRUCTION.

TIMOTHY A. SCHULTZ
STATE OF WASHINGTON
22916
REGISTERED PROFESSIONAL ENGINEER
EXPIRES 9/21/99

DEVELOPER'S APPROVAL

10-19-98
DATE

NO.	DATE	BY	REVISIONS

DATE: 10/15/98
DRAWN BY: RLM2, JFC
DESIGNED BY: TAS
CHECKED BY: TAS

SCALE:
HORIZONTAL: 1"=20'
VERTICAL: N/A

INLAND PACIFIC ENGINEERING
707 West 7th - Suite 200
Spokane, WA. 99204
(509) 455-5840
FAX: (509) 455-5844

DRAINAGE

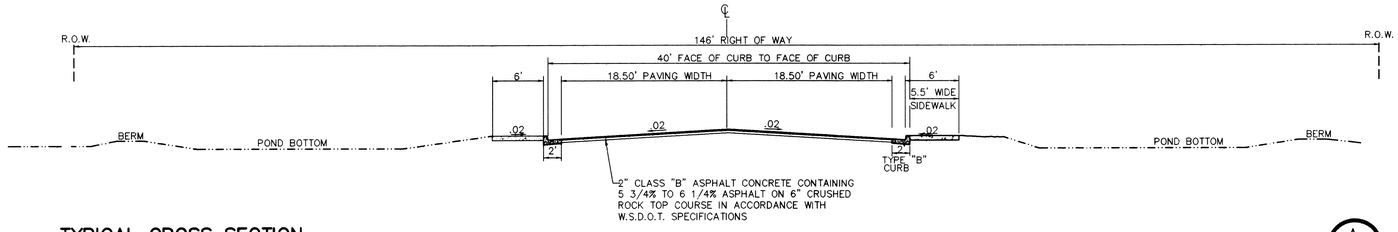
CHAPMAN ROAD PONDS
POND IMPROVEMENT

SHEET 1 OF 2
JOB NUMBER 96205

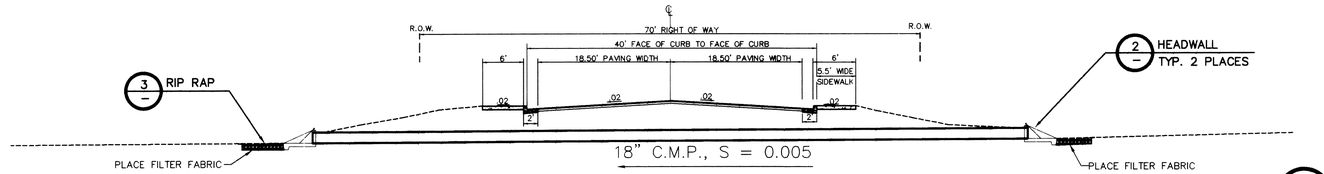
1437 REV.

SEC. 25, T.25 N., R.44 E.,W.M.
SPOKANE COUNTY, WASHINGTON

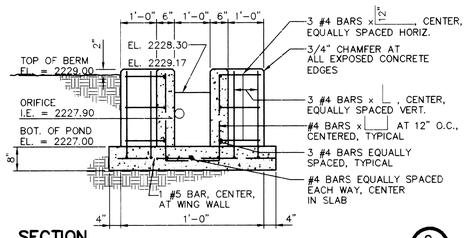
UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER
456•8000
CALL TWO BUSINESS DAYS BEFORE YOU DIG



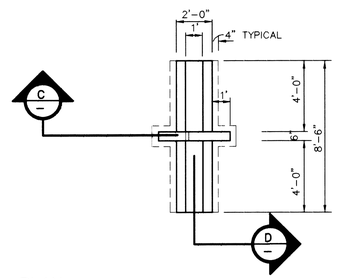
TYPICAL CROSS SECTION
NOT TO SCALE
A/2



SECTION – AT C.M.P.
NOT TO SCALE
B/2

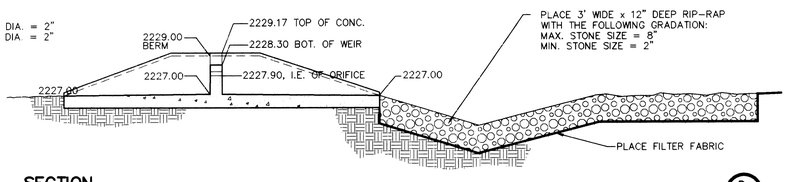


SECTION
SCALE: 1/2" = 1'-0"
C



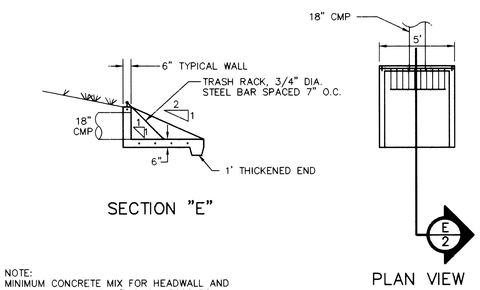
PLAN
NOT TO SCALE

NOTE
ORIFICE SIZE;
WEST SIDE POND – DIA. = 2"
EAST SIDE POND – DIA. = 2"



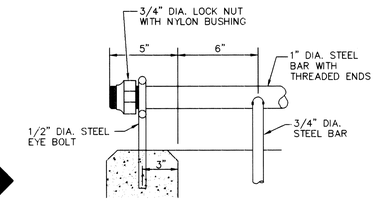
SECTION
NOT TO SCALE
D

OVERFLOW WEIR DETAIL
SCALE AS SHOWN
1/2



SECTION "E"

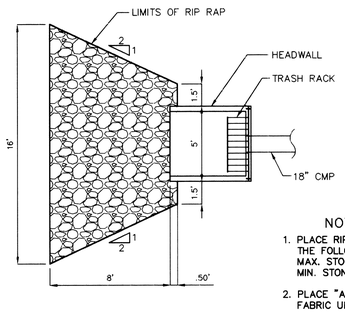
PLAN VIEW



TRASH RACK

NOTE:
MINIMUM CONCRETE MIX FOR HEADWALL AND APRON SHALL BE 5 1/2 SACK, 3000 PSI. HEADWALL SLAB AND WALL TO BE REINFORCED WITH #4 BARS 12" O.C. EACH DIRECTION. 1" CHAMFER ON ALL EXPOSED CORNERS OF WALLS.

CONCRETE HEADWALL WITH TRASH RACK
SCALE AS SHOWN
2/2



NOTES:
1. PLACE RIP RAP 12" DEEP WITH THE FOLLOWING GRADATION: MAX. STONE SIZE = 8" MIN. STONE SIZE = 2"
2. PLACE "AMOCO" 4545 FILTER FABRIC UNDER RIP-RAP.

RIP RAP DETAIL (AT CULVERT OUTLET)
SCALE AS SHOWN
3/2

COUNTY DATUM
PROJECT TBM
RR SPIKE IN POWER
POLE ALONG 32nd AVE.
ELEV.=2243.80

PLAN CHANGE

PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P1437
DATE ACCEPTED: 10-25-1998
ACCEPTANCE EXPIRES: 10-25-1999
PROJECT LANE MILES PUBLIC: N/A
PROJECT LANE MILES PRIVATE: N/A
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS, "AS-BUILTS" ARE REQUIRED PRIOR TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF THE ROADS AND DRAINAGE FACILITIES FOR MAINTENANCE.
PERMIT REQUIRED! (509) 456-3600
NOTIFY PERMIT ENGINEER 2 BUSINESS DAYS PRIOR TO CONSTRUCTION

DEVELOPER'S APPROVAL

10.19.98
DATE

NO.	DATE	BY	REVISIONS

DATE: 10/15/98
DRAWN BY: RLM2, JFC
DESIGNED BY: TAS
CHECKED BY: TAS

SCALE:
HORIZONTAL: 1"=20'
VERTICAL: N/A

INLAND PACIFIC ENGINEERING
707 West 7th - Suite 200
Spokane, WA 99204
(509) 456-6840
FAX: (509) 456-6844

CHAPMAN ROAD PONDS
POND IMPROVEMENT
DRAINAGE

SHEET 2 OF 2
JOB NUMBER 96205

96205\DWG\P-DN02