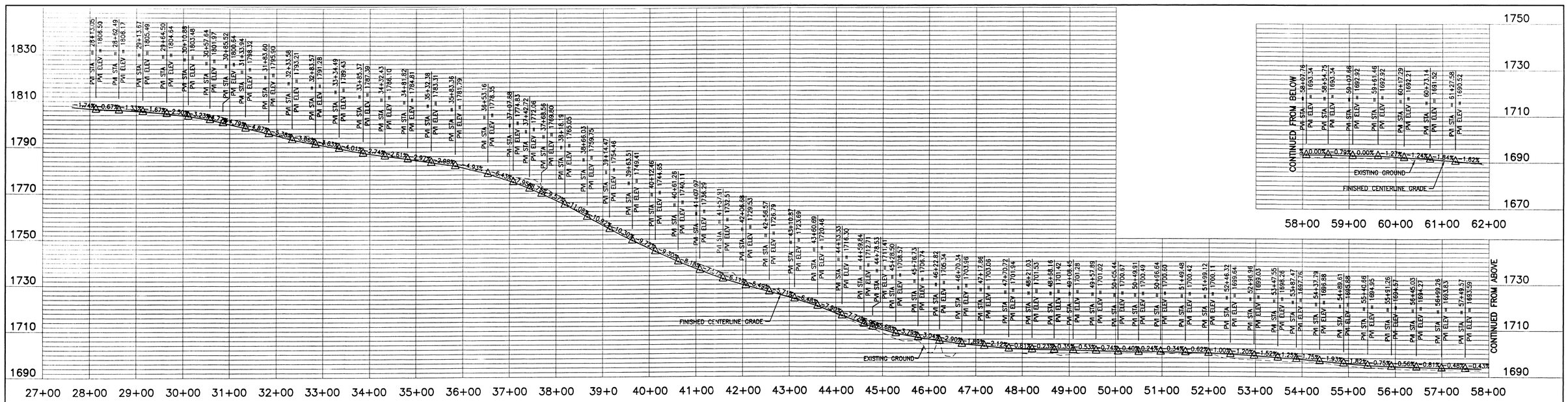
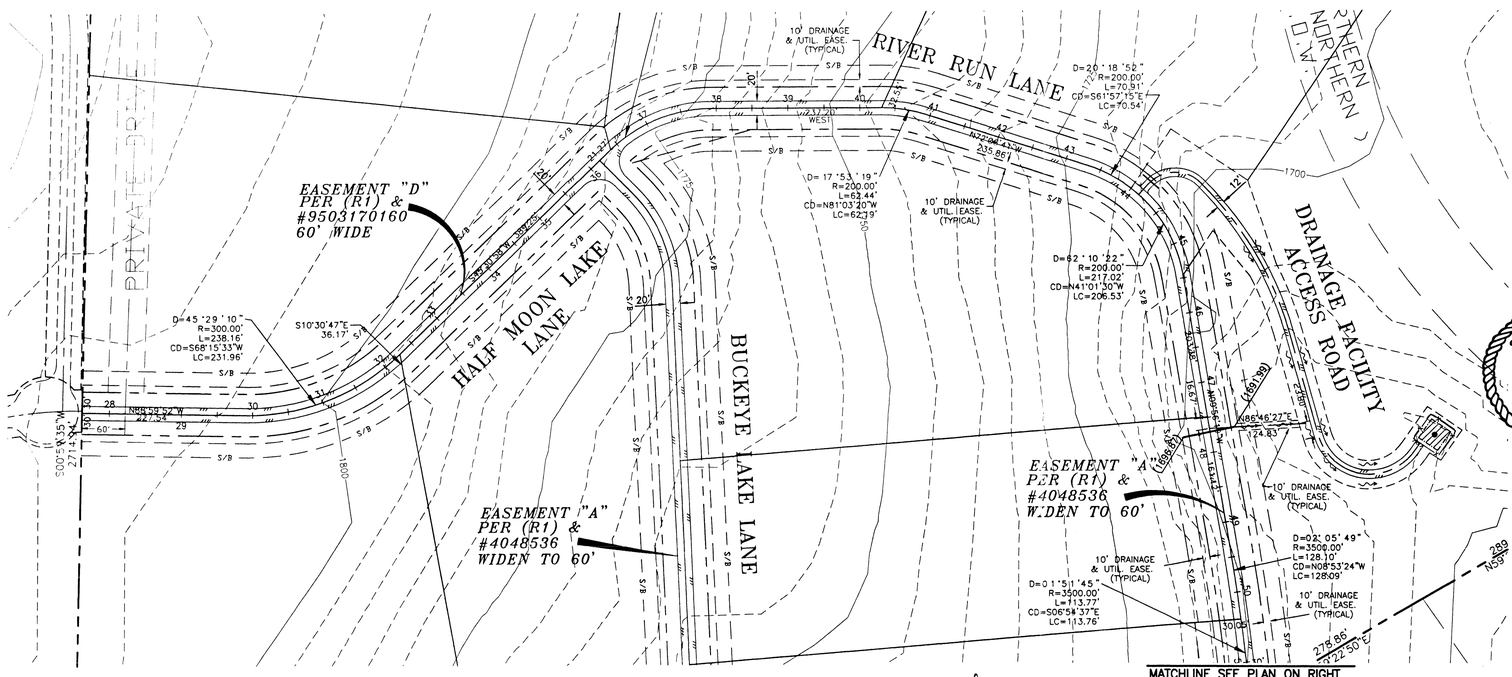
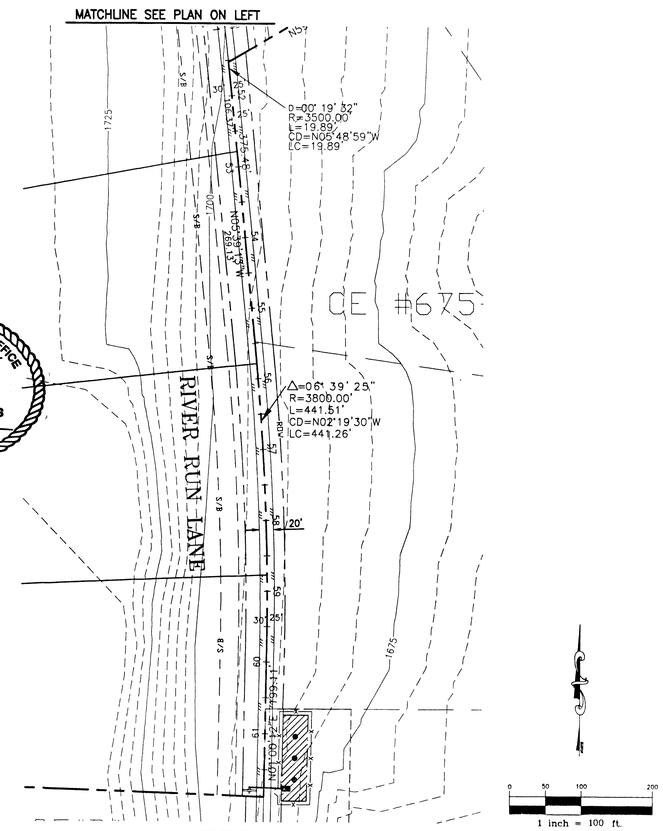






SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: P1824
DATE ACCEPTED: 10/5/05

I HAVE REVIEWED THE CONSTRUCTION AND TO MY KNOWLEDGE FIND IT TO BE IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED CERTIFIED PLANS AND STANDARD SPECIFICATIONS EXCEPT AS NOTED

RANDELL G. HAHN — STATE OF WASHINGTON — REGISTERED PROFESSIONAL ENGINEER
EXPIRES 12-15-06

RECORD DRAWINGS

NO.	DATE	BY	APP.	REVISION

RANDELL G. HAHN — STATE OF WASHINGTON — REGISTERED PROFESSIONAL ENGINEER — EXPIRES 12-15-02

HAHN ENGINEERING, INC.
605 E. HOLLAND AVE., SUITE 112
SPOKANE, WA. 99218
(509) 467-1550 FAX (509) 467-8189
www.hahnengr.com

SCALE
HORIZ. 1" = 100'
VERT. 1" = 20'

		DATE
DRAWN:	SWF	8/14/02
DESIGNED:	KSN	8/14/02
APPROVED:	RGH	

BUCKEYE VALLEY ESTATES
ROAD PLAN AND PROFILE

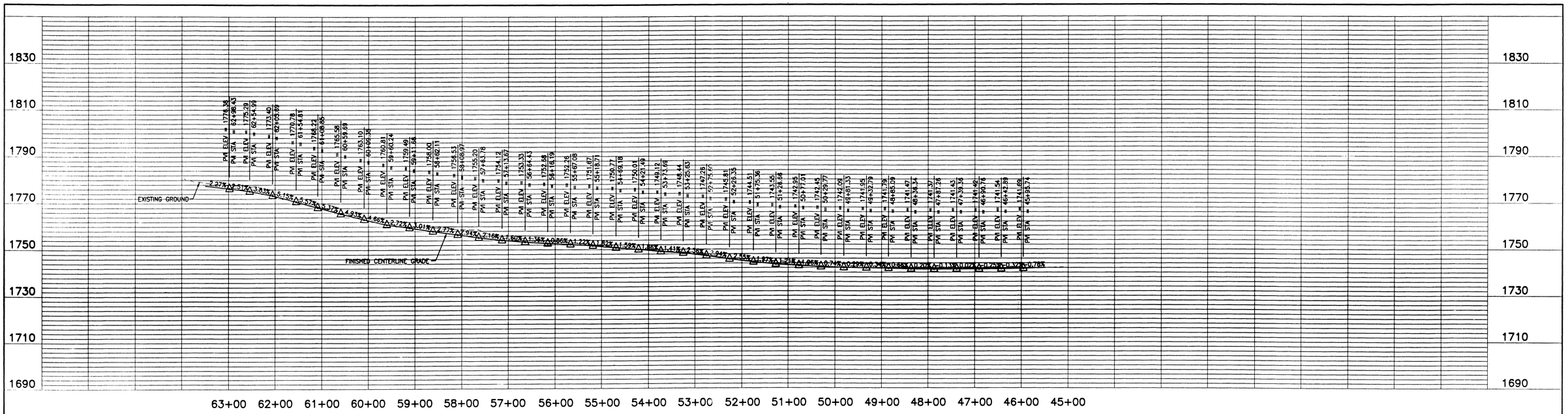
HALF MOON LAKE LANE/RIVER RUN LANE

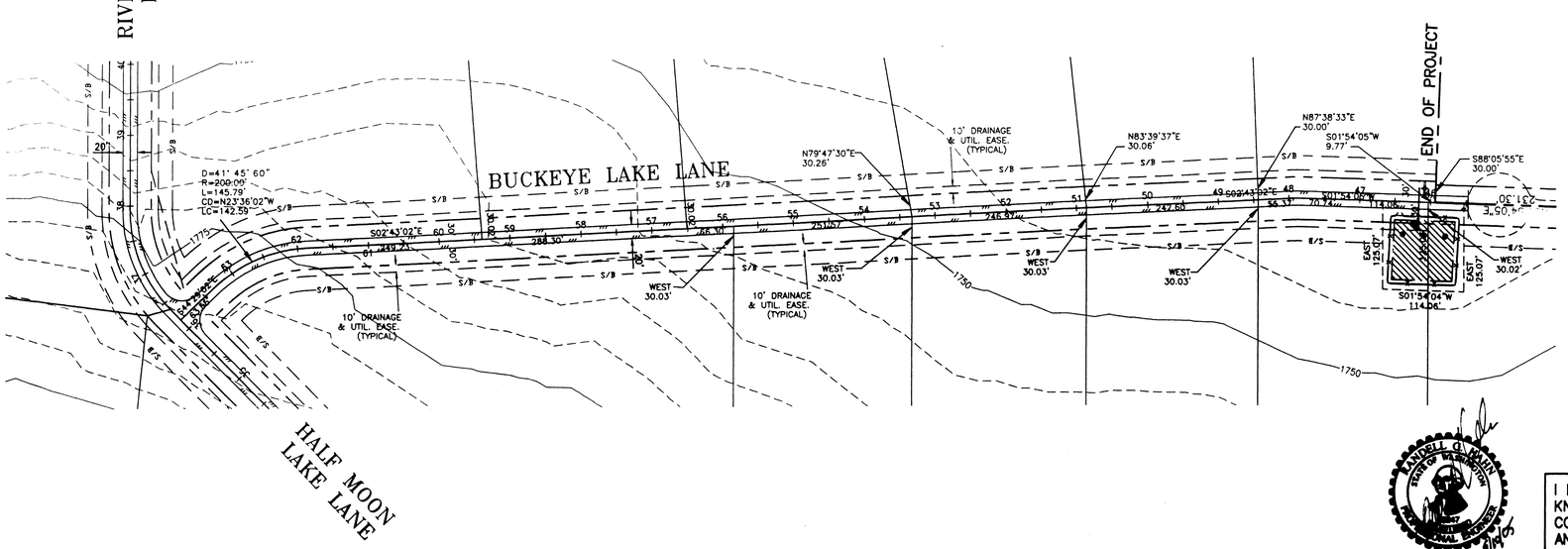
PN 1824 As-Builts- Road & Drainage Eng.

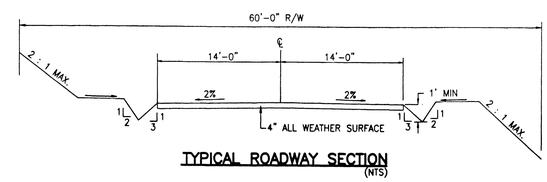
AS-BUILT

SHEET NO. 1 / 2

CAD FILE: 01-259-1AB







TYPICAL ROADWAY SECTION
(NTS)

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
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1 inch = 100 ft.

RECORD DRAWINGS

NO.	DATE	BY	APP.	REVISION

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SPOKANE, WA. 99218
(509) 467-1550 FAX (509) 467-8189
www.hahnengr.com

SCALE
HORIZ. 1" = 100'
VERT. 1" = 20'

DRAWN: SWF DATE 8/14/02
DESIGNED: KSN 8/14/02
APPROVED: RCH

BUCKEYE VALLEY ESTATES
ROAD PLAN AND PROFILE

BUCKEYE LAKE LANE

AS-BUILT
SHEET NO. 2/2

CAD FILE: 01-259-1AB

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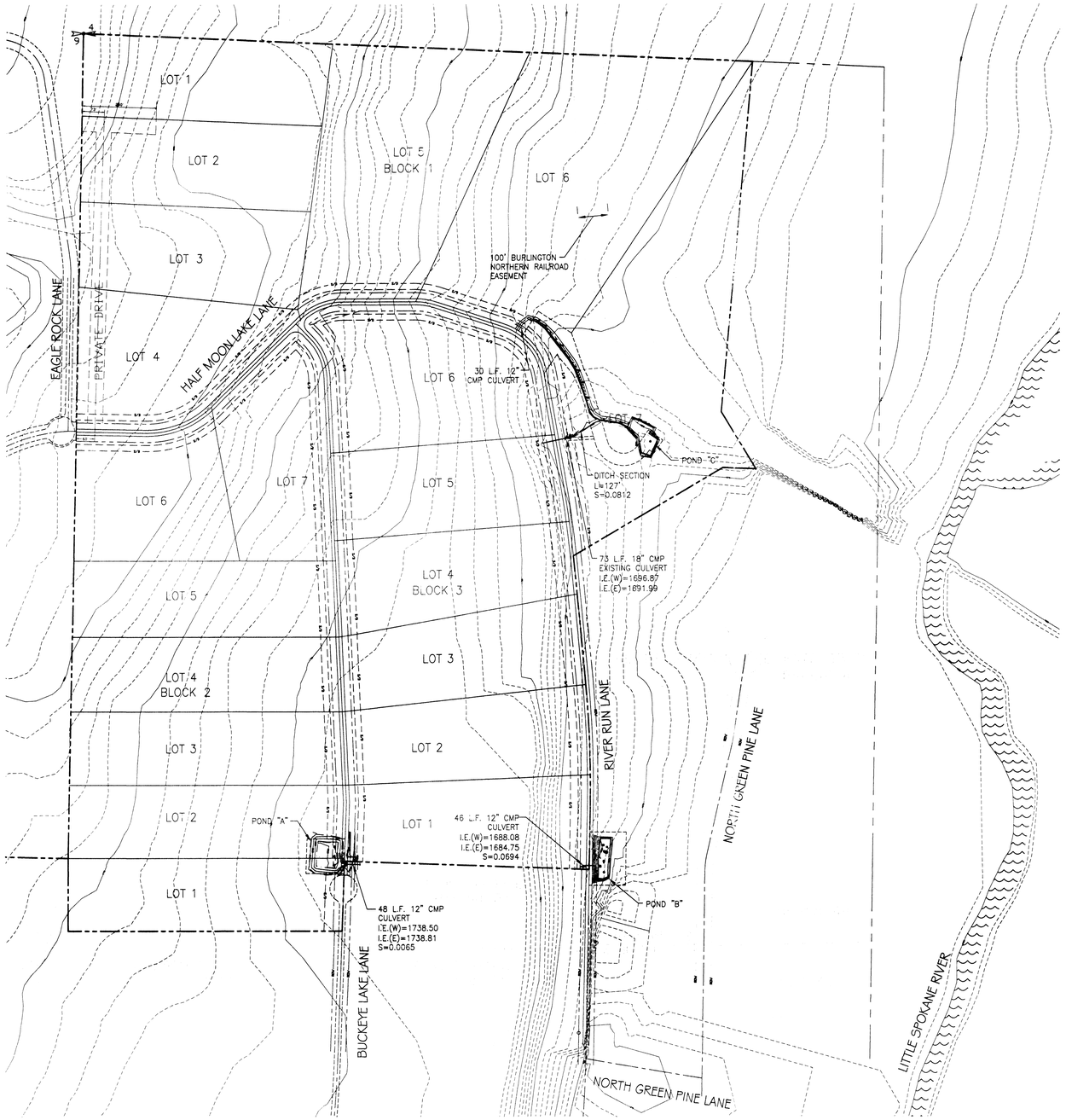

0 100 200 400
1 inch = 200 ft.

LEGEND

- PROPOSED MAJOR CONTOURS
- PROPOSED MINOR CONTOURS
- EXISTING MAJOR CONTOURS
- EXISTING MINOR CONTOURS
- AS-BUILT POND

SPOKANE COUNTY ENGINEERS OFFICE
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RANDELL G. HAHN
STATE OF WASHINGTON
REGISTERED PROFESSIONAL ENGINEER
10/5/05
EXPIRES 12-15-06

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

NO.	DATE	BY	APP.	REVISION
1	6/13/02	SWF	RHG	REVISED POND "A" LOCATION PER COUNTY PLANNING

HAHN ENGINEERING, INC.
605 E. HOLLAND AVE., SUITE 112
SPOKANE, WA. 99218
(509) 467-1550 FAX (509) 467-8189
www.hahnengr.com

SCALE
HORIZ. 1" = 200
VERT. N/A

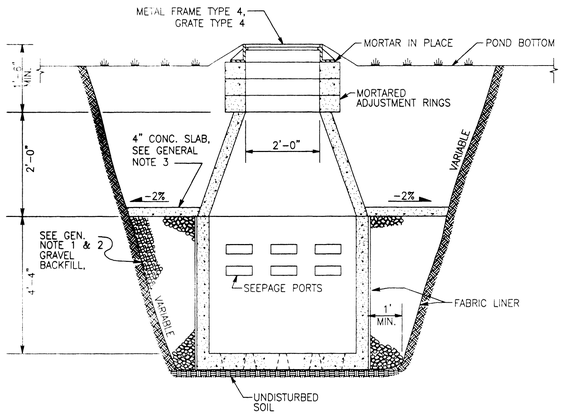
DRAWN:	DATE
KJM	10/08/02
DESIGNED: KSN	10/08/02
APPROVED: RGH	

BUD DASHIELL
NORTH BUCKEYE VALLEY ESTATES

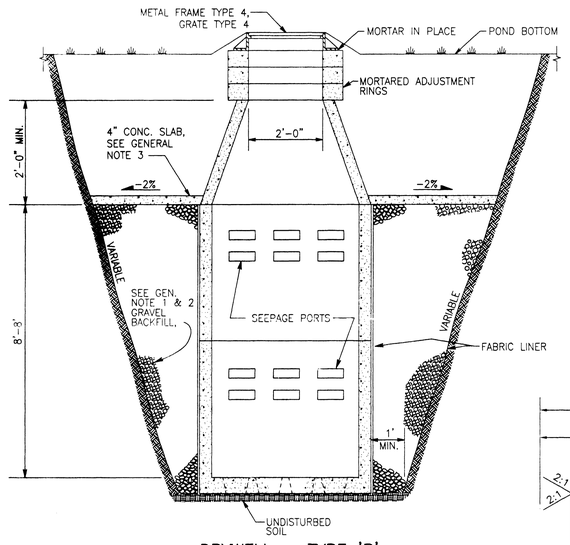
AS-BUILT DRAINAGE PLAN

STORM
SHEET NO. 1/2

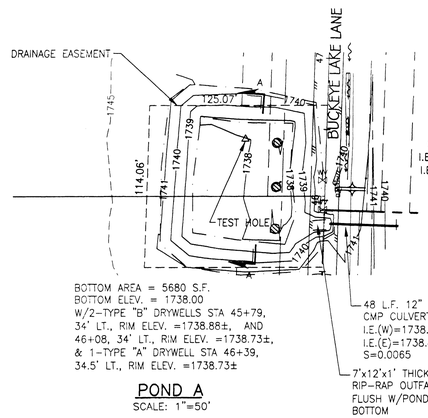
CAD FILE: 01-259-1AB-POND



DRYWELL – TYPE 'A'
(NTS)

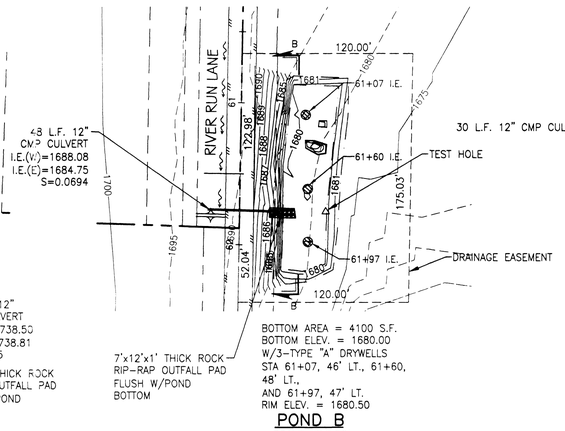


DRYWELL – TYPE 'B'
(NTS)



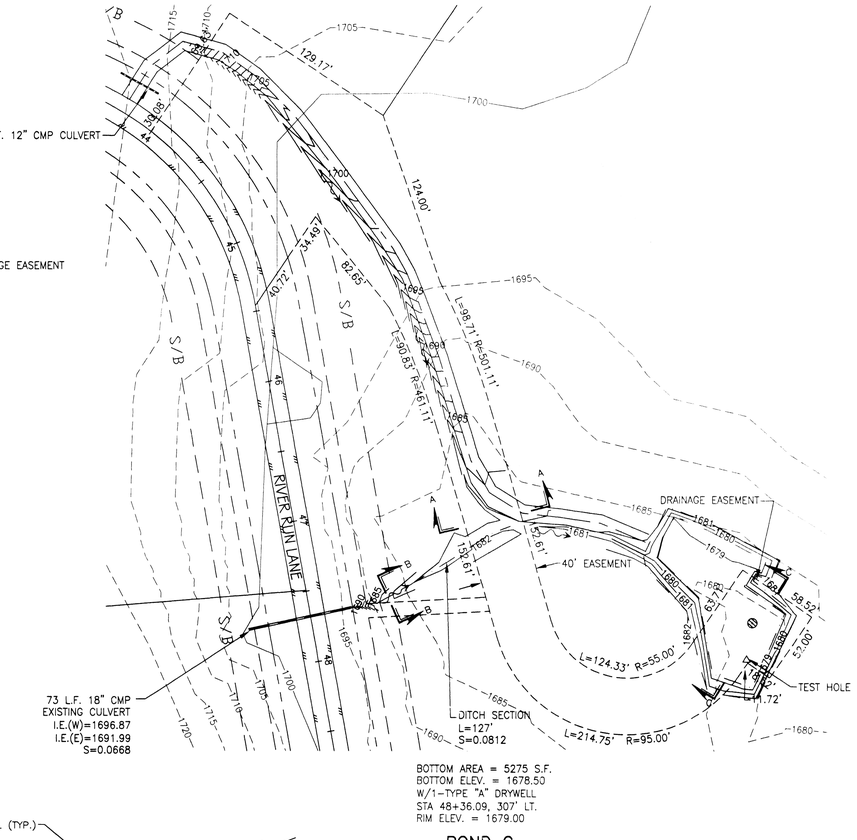
BOTTOM AREA = 5680 S.F.
BOTTOM ELEV. = 1738.00
W/2–TYPE "B" DRYWELLS STA 45+79, 34' LT., RIM ELEV. =1738.88±, AND 46+08, 34' LT., RIM ELEV. =1738.73±, & 1–TYPE "A" DRYWELL STA 46+39, 34.5' LT., RIM ELEV. =1738.73±

POND A
SCALE: 1"=50'



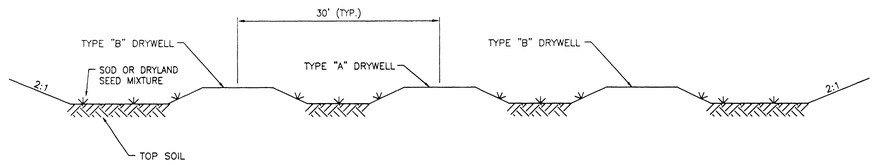
BOTTOM AREA = 4100 S.F.
BOTTOM ELEV. = 1680.00
W/3–TYPE "A" DRYWELLS STA 61+07, 46' LT., 61+60, 48' LT., AND 61+97, 47' LT.
RIM ELEV. = 1680.50

POND B
SCALE: 1"=50'

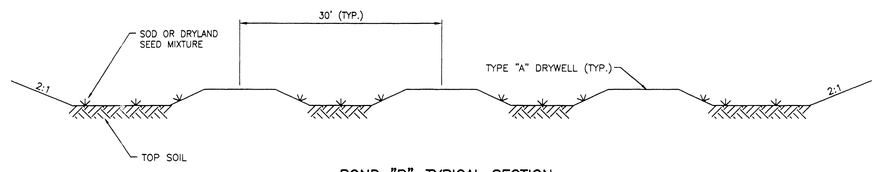


BOTTOM AREA = 5275 S.F.
BOTTOM ELEV. = 1678.50
W/1–TYPE "A" DRYWELL
STA 48+36.09, 307' LT.
RIM ELEV. = 1679.00

POND C
SCALE: 1"=50'



POND "A"–TYPICAL SECTION
(NTS)



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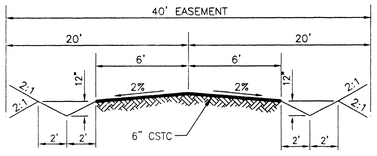
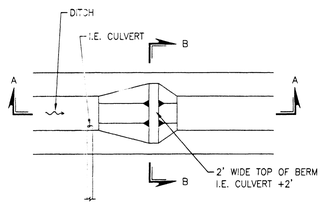
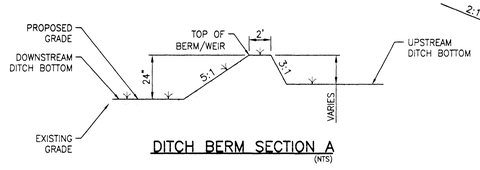


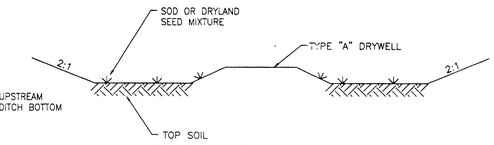
ACCESS DRIVE SECTION
(NTS)



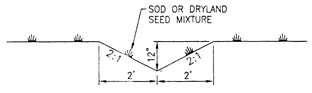
DITCH BERM PLAN VIEW
(NTS)



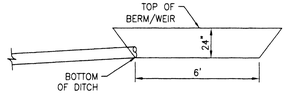
DITCH BERM SECTION A
(NTS)



POND "C"–TYPICAL SECTION
(NTS)



DITCH DETAIL
(NTS)



DITCH BERM SECTION B
(NTS)

GENERAL NOTES

1. GRAVEL BACKFILL QUANTITY FOR DRYWELLS :
   TYPE "A" – 30 CUBIC YARDS MINIMUM / 42 TONS.
   TYPE "B" – 40 CUBIC YARDS MINIMUM / 56 TONS.
   OR AS SPECIFIED ON ROAD PLANS.
2. SPECIAL BACKFILL MATERIAL FOR DRYWELLS SHALL CONSIST OF WASHED GRAVEL GRADED FROM 1" TO 3" WITH A MAXIMUM OF 5% PASSING THE U.S. No. 200 SCREEN, AS MEASURED BY WEIGHT. A MAXIMUM OF 10% OF THE AGGREGATE, AS MEASURED BY WEIGHT, MAY BE CRUSHED OR FRACTURED ROCK. THE REMAINING 90% SHALL BE NATURALLY OCCURRING UNFRACTURED MATERIAL.
3. CONCRETE SLAB SHALL BE CLASS 3000 CONCRETE.
4. ADJUSTMENT BLOCKS SHALL BE CEMENT CONCRETE.
5. PRECAST RISER MAY BE USED IN COMBINATION WITH OR IN LIEU OF ADJUSTING BLOCKS.

FENCE SPECIFICATIONS

6' HIGH CHAIN LINK FENCE OR DECORATIVE VINYL FENCING WITH MATCHING GATES PROVIDED WITH A LOCKABLE DEVICE

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RANDELL G. HAHN, STATE OF WASHINGTON, 18947, REGISTERED PROFESSIONAL ENGINEER
7/10/02
EXPIRES 12-15-06

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SCALE
HORIZ. 1" = 50'
VERT. N/A

DRAWN: KJM DATE 10/08/02
DESIGNED: KSN DATE 10/08/02
APPROVED: RG

BUD DASHIELL
NORTH BUCKEYE VALLEY ESTATES

AS–BUILT POND DETAILS

STORM
SHEET NO. 2 / 2

CAD FILE: /01-259-1/DWG/POND DETAILS-AB.DWG