

Important: Read the instructions on pages 1-8.

SECTION A - PROPERTY INFORMATION

For Insurance Company Use:

A1. Building Owner's Name Richard A + Judie A AYALA
 A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 19 Road 4251
 City Navajo Dam State New Mexico ZIP Code 87419
 A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) San Juan River Estates Lot 24 Block 3
 A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) Non Residential
 A5. Latitude/Longitude: Lat. N 36 48 34 Long. W 107 41 30 Horizontal Datum: NAD 1927 NAD 1983
 A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.
 A7. Building Diagram Number 1
 A8. For a building with a crawl space or enclosure(s), provide:
 a) Square footage of crawl space or enclosure(s) _____ sq ft
 b) No. of permanent flood openings in the crawl space or enclosure(s) walls within 1.0 foot above adjacent grade _____
 c) Total net area of flood openings in A8.b _____ sq in
 A9. For a building with an attached garage, provide:
 a) Square footage of attached garage _____ sq ft
 b) No. of permanent flood openings in the attached garage walls within 1.0 foot above adjacent grade _____
 c) Total net area of flood openings in A9.b _____ sq in

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number SJC 350064
 B2. County Name San Juan
 B3. State New Mexico
 B4. Map/Panel Number 375
 B5. Suffix B
 B6. FIRM Index Date 8-4-1988
 B7. FIRM Panel Effective/Revised Date 8-4-88
 B8. Flood Zone(s) A
 B9. Base Flood Elevation(s) (Zone AO, use base flood depth) 5682.43
 B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9.
 FIS Profile FIRM Community Determined Other (Describe) Eng Analysis
 B11. Indicate elevation datum used for BFE in Item B9: NGVD 1929 NAVD 1988 Other (Describe)
 B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? Yes No
 Designation Date _____ CBRS OPA

SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

C1. Building elevations are based on: Construction Drawings* Building Under Construction* Finished Construction
 *A new Elevation Certificate will be required when construction of the building is complete.
 C2. Elevations - Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR/AO. Complete items C2.a-g below according to the building diagram specified in Item A7.
 Benchmark Utilized Sec 17 30 N 8 W Vertical Datum 5758.15
 Conversion/Comments _____
 Check the measurement used.
 a) Top of bottom floor (including basement, crawl space, or enclosure floor) 5687.43 feet meters (Puerto Rico only)
 b) Top of the next higher floor _____ feet meters (Puerto Rico only)
 c) Bottom of the lowest horizontal structural member (V Zones only) _____ feet meters (Puerto Rico only)
 d) Attached garage (top of slab) _____ feet meters (Puerto Rico only)
 e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment in Comments) _____ feet meters (Puerto Rico only)
 f) Lowest adjacent (finished) grade (LAG) 5686.40 feet meters (Puerto Rico only)
 g) Highest adjacent (finished) grade (HAG) 5687.40 feet meters (Puerto Rico only)

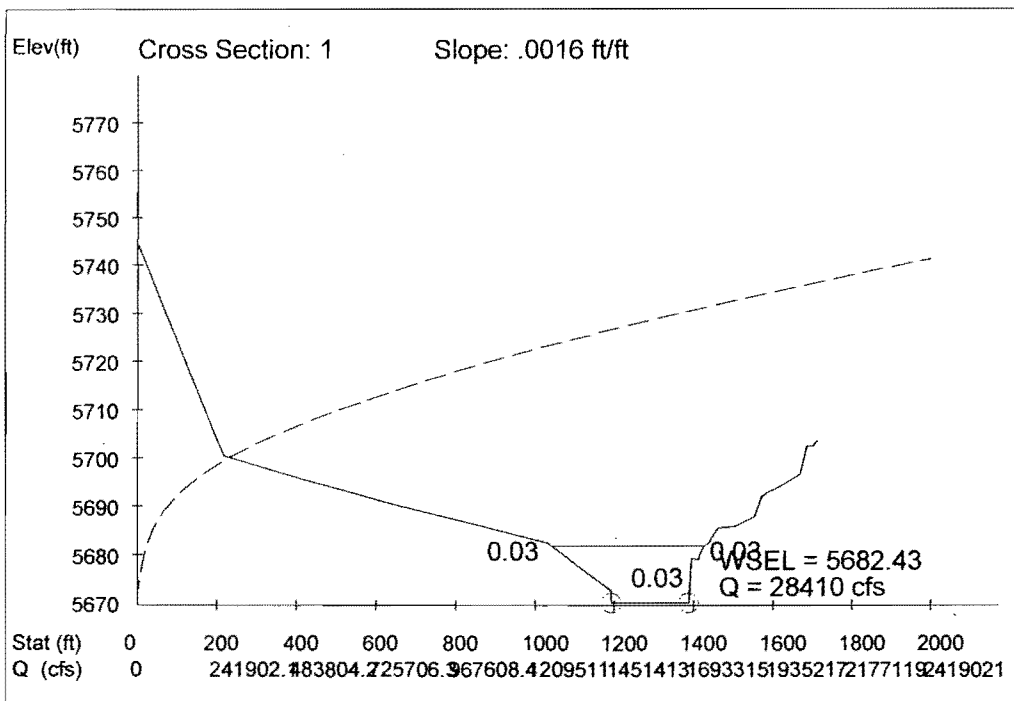
SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. I certify that the information on this Certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.

Check here if comments are provided on back of form.

Certifier's Name Paul F Martin License Number NM 85-48
 Title CFO Company Name Sakura Engineering
 Address 125 W Main City Farmington State NM ZIP Code 87401
 Signature Paul F Martin Date 11-29-07 Telephone 505-564-2139





19 CO. RD 4251

100 yr B.F.E = 5682.43

Approt Large Loc = 5686.40

Lower Adj = 5686.40

High Adj = 5687.40

Bench USED S/E COR

(Sec 17 30 N 8 W)
 NAVD 88 5758.15)

N 2112086.99

E 2764978.96

Cross Section: 1 Type: * Irregular Channel

Stat	Elev	Stat	Elev	Stat	Elev	Stat	Elev
0	5745	203	5704	219	5701	421	5696
639	5691	1033	5683	1192	5673.2	1194	5670.5
1389	5670.5	1395	5679.9	1412	5679.5	1424	5682
1441	5683.2	1454	5685.2	1464	5686.1	1504	5686.4
1555	5688.4	1572	5692.6	1585	5693.4	1617	5694.6
1669	5697.2	1685	5703	1702	5703.1	1713	5704.3

	Left	Channel	Right	CC:	0.1	CE:	0.3
N Values	0.03	0.03	0.03				
Bank Stat	1194		1389				
Reach Len	0	0	0				

CWSEL	5682.43	Elmin	5670.53	Froude#	0.6
EG	5683.91	Depth	11.9	EG Slope	0.0016
Chan Vel	10.33	TopWidth	388.1	CritDepth	5679.09
Discharge	28410	KRatio	1	FlowType	Sub-Critical

19 CO. RD. 4251

Cross Section: 1 Energy Slope: 0.0016

Stat	Elev	Stat	Elev	Stat	Elev	Stat	Elev
0	5745	203	5704	219	5701	421	5696
639	5691	1033	5683	1192	5673.2	1194	5670.5
1389	5670.5	1395	5679.9	1412	5679.5	1424	5682
1441	5683.2	1454	5685.2	1464	5686.1	1504	5686.4
1555	5688.4	1572	5692.6	1585	5693.4	1617	5694.6
1669	5697.2	1685	5703	1702	5703.1	1713	5704.3

	Left	Channel	Right
N Values	0.03	0.03	0.03
Bank Stat	1194		1389

CWSEL	Q (CFS)	Area (Sq Ft)
5670.53	0	0
5671	110	91.8
5674.72	4276	849.2
5678.45	13143	1803.7
5682.17	27185	3048.4
5685.9	48923	4786
5689.62	81893	7512.2
5693.34	130964	11046.1
5697.07	198374	15407.5
5700.79	286375	20512.2
5704.51	395578	26030.7
5708.24	524359	31697.2
5711.96	671167	37432.3
5715.68	835049	43236
5719.41	1015334	49108.5
5723.13	1211514	55049.5
5726.85	1423184	61059.2
5730.58	1650018	67137.6
5734.3	1891748	73284.6
5738.03	2148145	79500.3
5741.75	2419021	85784.6

19 Co. RD. 4251

SAKURA ENG

B.F.E 19 CO.RD. 4251 RICHARD AYALA

28 November 2007

INPUT

Geographic, NAD83
Vertical - NAVD88, U.S. Feet

OUTPUT

State Plane, NAD83
3003 - New Mexico West, U.S. Feet
Vertical - NAVD88, U.S. Feet

LODGE

1/1

Latitude: 36 48 24.0
Longitude: 107 41 30.0
Elevation/Z: 5691.42

Northing/Y: 2112978.101
Easting/X: 2764563.996
Elevation/Z: 5691.420
Convergence: 0 05 05.54995
Scale Factor: 0.999918635
Combined Factor: -999.000000000

Remark: ELEVATION IS BENCH MARK ELEV 5691.42

Corpscon v6.0.1, U.S. Army Corps of Engineers

Identify Results

Coordinate Position

State Plane NM West: 2764703, 2113134

2005_DOQQ

Request X: 2764703.4904181487

Request Y: 2113134.648376102

Raster ID: 36107G68.tif

Band 0: 172

Band 1: 158

Band 2: 149

Band 0: 170

Band 1: 157

Band 2: 149

2003 River Corridor

Request X: 2764703.4904181487

Request Y: 2113134.648376102

Raster ID: 1

Band 0: 187

Band 1: 179

Band 2: 181

Township

ID: 108740

TOWNSHIP: 30

RANGE: 8

TOWNSHIP_D: N

RANGE_DIRE: W

SHAPE_Leng: 123626.708939

area: 956617930.308604

len: 123626.708939086

PLSS Sections

AREA_: 27804078

PERIMETER: 21124.105

SANJUAN_: 696

SANJUAN_ID: 2802

DATA: 17; T30N.R08W

SECTION_: 17

RANGE: R08W

TOWNSHIP: T30N

PAGE_NO: 0

SHAPE_LEN: 21124.10662

area: 27804070.0958109

len: 21124.1025377816

Parcels

PARCELNO: 2047177037108

area: 22598.4630490587

len: 675.311199925093

ACCOUNTNO: R0070457

PARCELNB: 2047177037108

NAME1: AYALA RICHARD A AND JUDIE A

ADDRESS: 5417 JAYNES SW

CITYSTATEZIP: ALBUQUERQUE, NM 87105

BOOK: 1329

PAGE: 971

GrossAcres: 0.5298

SUBNO: SJRVE

SUBNAME: SAN JUAN RIVER ESTATES

LOT: 24

BLOCK: 3

ReviewFlag: 0

LEGAL1: SAN JUAN RIVER ESTATES NO 2 LOT 24 BLOCK 3 B.1329 P.971

AssessorsLink: More data

LocationAddress: 19 ROAD 425i

LocationCity: NAVAJO DAM

LocationZip: 874190000

ACCTTYPE: Vacant Land

County Line

PERIMETER: 5.276

TGR_: 4

TGR_ID: 3

FIPSSTCO: 35045
FIPS: 45
COUNTY: San Juan
newarea: 0
newarea1: 0
area: 154390083335.485
len: 1690779.40250188

Important: Read the instructions on pages 1-8.

SECTION A - PROPERTY INFORMATION

A1. Building Owner's Name <u>Michael L + Dennis M AYALA</u>		For Insurance Company Use: Policy Number
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. <u>#21 Cr 4251</u>		Company NAIC Number
City <u>Navajo</u>	State <u>New Mexico</u>	ZIP Code <u>87419</u>
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) <u>San Juan River Estates Lot 25 Block 3</u>		
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) <u>Non Residential</u>		
A5. Latitude/Longitude: Lat <u>N 36 48 24</u> Long. <u>W 107 41 30</u> Horizontal Datum: <input type="checkbox"/> NAD 1927 <input checked="" type="checkbox"/> NAD 1983		
A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.		
A7. Building Diagram Number <u>1</u>		
A8. For a building with a crawl space or enclosure(s), provide: a) Square footage of crawl space or enclosure(s) _____ sq ft b) No. of permanent flood openings in the crawl space or enclosure(s) walls within 1.0 foot above adjacent grade _____ c) Total net area of flood openings in A8.b _____ sq in		A9. For a building with an attached garage, provide: a) Square footage of attached garage _____ sq ft b) No. of permanent flood openings in the attached garage walls within 1.0 foot above adjacent grade _____ c) Total net area of flood openings in A9.b _____ sq in

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number <u>SJC 350064</u>		B2. County Name <u>San Juan</u>		B3. State <u>New Mexico</u>	
B4. Map/Panel Number <u>375</u>	B5. Suffix <u>B</u>	B6. FIRM Index Date <u>8-4-1988</u>	B7. FIRM Panel Effective/Revised Date <u>8-4-88</u>	B8. Flood Zone(s) <u>A</u>	B9. Base Flood Elevation(s) (Zone AO, use base flood depth) <u>568/090</u>
B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in item B9. <input type="checkbox"/> FIS Profile <input type="checkbox"/> FIRM <input type="checkbox"/> Community Determined <input checked="" type="checkbox"/> Other (Describe) <u>Eng Analysis</u>					
B11. Indicate elevation datum used for BFE in item B9: <input type="checkbox"/> NGVD 1929 <input checked="" type="checkbox"/> NAVD 1988 <input type="checkbox"/> Other (Describe)					
B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? Designation Date _____ <input type="checkbox"/> CBRS <input checked="" type="checkbox"/> OPA					

SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

C1. Building elevations are based on: Construction Drawings* Building Under Construction* Finished Construction
*A new Elevation Certificate will be required when construction of the building is complete.

C2. Elevations - Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR/AO. Complete items C2.a-g below according to the building diagram specified in item A7.
Benchmark Utilized SE Corner S 17 30N 8W Vertical Datum 5758.15
Conversion/Comments _____

Check the measurement used.

- | | | | |
|---|----------------|--|--|
| a) Top of bottom floor (including basement, crawl space, or enclosure floor) | <u>5688.36</u> | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters (Puerto Rico only) |
| b) Top of the next higher floor | _____ | <input type="checkbox"/> feet | <input type="checkbox"/> meters (Puerto Rico only) |
| c) Bottom of the lowest horizontal structural member (V Zones only) | _____ | <input type="checkbox"/> feet | <input type="checkbox"/> meters (Puerto Rico only) |
| d) Attached garage (top of slab) | _____ | <input type="checkbox"/> feet | <input type="checkbox"/> meters (Puerto Rico only) |
| e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment in Comments) | _____ | <input type="checkbox"/> feet | <input type="checkbox"/> meters (Puerto Rico only) |
| f) Lowest adjacent (finished) grade (LAG) | <u>5686.40</u> | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters (Puerto Rico only) |
| g) Highest adjacent (finished) grade (HAG) | <u>5687.40</u> | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters (Puerto Rico only) |

SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. I certify that the information on this Certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.

Check here if comments are provided on back of form.

Certifier's Name <u>Paul F Martin</u>		License Number <u>NM 8548</u>	
Title <u>CE</u>	Company Name <u>Sakura Engineering</u>		
Address <u>125 W Main Farmington</u>	City <u>Farmington</u>	State <u>NM</u>	ZIP Code <u>87401</u>
Signature <u>Paul F Martin</u>	Date <u>11-29-07</u>	Telephone <u>1-505-564-2139</u>	



Identify Results

Coordinate Position

State Plane NM West: 2764863, 2113118

2005_DOQQ

Request X: 2764863.1502725882

Request Y: 2113118.9762431514

Raster ID: 36107G68.tif

Band 0: 135

Band 1: 119

Band 2: 123

Band 0: 159

Band 1: 140

Band 2: 146

2003 River Corridor

Request X: 2764863.1502725882

Request Y: 2113118.9762431514

Raster ID: 1

Band 0: 200

Band 1: 195

Band 2: 192

Township

ID: 108740

TOWNSHIP: 30

RANGE: 8

TOWNSHIP_D: N

RANGE_DIRE: W

SHAPE_Leng: 123626.708939

area: 956617930.308604

len: 123626.708939086

PLSS Sections

AREA_: 27804078

PERIMETER: 21124.105

SANJUAN_: 696

SANJUAN_ID: 2802

DATA: 17; T30N.R08W

SECTION_: 17

RANGE: R08W

TOWNSHIP: T30N

PAGE_NO: 0

SHAPE_LENG: 21124.10662

area: 27804070.0958109

len: 21124.1025377816

Parcels

PARCELNO: 2047177015105

area: 15808.4321667516

len: 620.262820206841

ACCOUNTNO: R7000050

PARCELNB: 2047177015105

NAME1: AYALA MICHAEL L AND DENNIS M

ADDRESS: 1200 ROSIE CT SW

CITYSTATEZIP: ALBUQUERQUE, NM 87105

BOOK: 1367

PAGE: 273

GrossAcres: 0.3454

SUBNO: SJRVE

SUBNAME: SAN JUAN RIVER ESTATES

LOT: 25

BLOCK: 3

ReviewFlag: 0

LEGAL1: SAN JUAN RIVER ESTATES NO 2 LOT 25 BLK 3 B1367 P273

AssessorsLink: More data

LocationAddress: 21 ROAD 4251

LocationCity: NAVAJO DAM

LocationZip: 874190000

ACCTTYPE: Residential

County Line

PERIMETER: 5.276

TGR_: 4

TGR_ID: 3

FIPSSTCO: 35045
FIPS: 45
COUNTY: San Juan
newarea: 0
newarea1: 0
area: 154390083335.485
len: 1690779.40250188

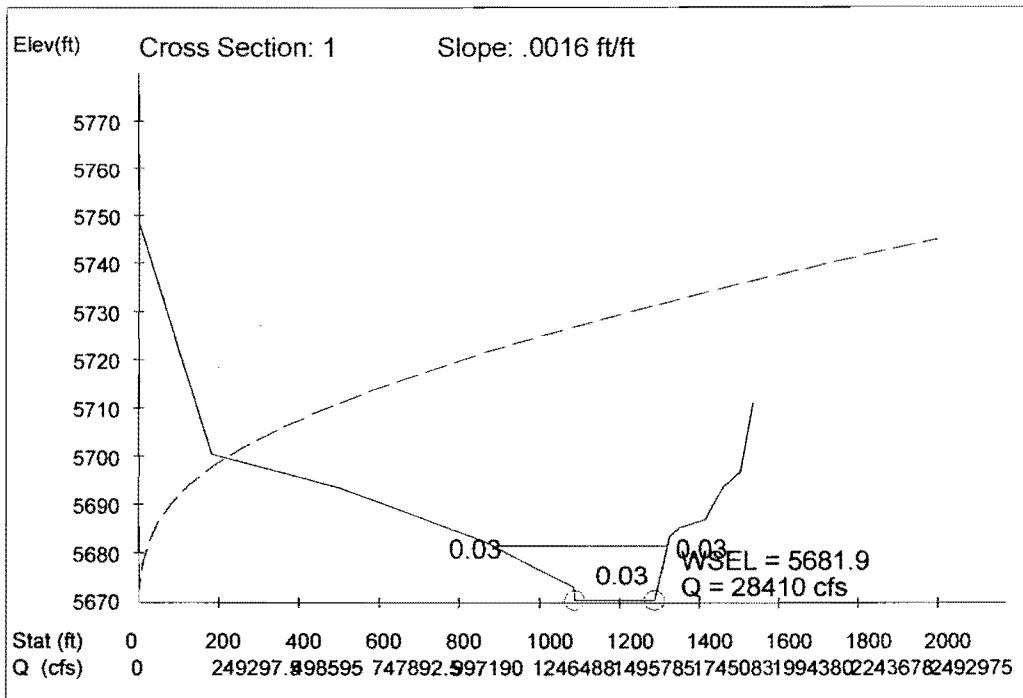
Cross Section: 1 Energy Slope: 0.0016

Stat	Elev	Stat	Elev	Stat	Elev	Stat	Elev
0	5749	182	5701	499	5694	860	5683
1086	5673.3	1089	5670.5	1287	5670.5	1325	5683.8
1349	5685.6	1415	5687.4	1444	5691.7	1460	5694
1504	5697.3	1536	5711.6	0	0	0	0

	Left	Channel	Right
N Values	0.03	0.03	0.03
Bank Stat	1089		1287

CWSEL	Q (CFS)	Area (Sq Ft)
5670.53	0	0
5671	112	93.5
5674.92	4795	936.9
5678.85	15400	2124
5682.77	32955	3714.2
5686.69	60880	5828.9
5690.62	101356	8761.8
5694.54	156638	12313.5
5698.46	231249	16652
5702.39	326191	21724.2
5706.31	442032	27022.8
5710.23	576065	32414
5714.16	727491	37890.7
5718.08	895463	43427.8
5722	1079263	49023.3
5725.93	1278412	54677.1
5729.85	1492524	60389.3
5733.77	1721282	66159.9
5737.7	1964421	71988.8
5741.62	2221716	77876.1
5745.54	2492975	83821.7

21 CO. RD. 4251



#21 CO. RD. 4251

100 yr B.F.E = 5681.90

GROUND ELEV = 5687.36

Lower Adjacent is 5686.40

High Adjacent is 5687.40

Bench Used S/E Cor

Sec 17 30 N 8 W

(NAVD 88 5758.15)

N 2112086.99

E 2764978.96

Cross Section: 1 Type: * Irregular Channel

Stat	Elev	Stat	Elev	Stat	Elev	Stat	Elev
0	5749	182	5701	499	5694	860	5683
1086	5673.3	1089	5670.5	1287	5670.5	1325	5683.8
1349	5685.6	1415	5687.4	1444	5691.7	1460	5694
1504	5697.3	1536	5711.6	0	0	0	0

	Left	Channel	Right	CC:	0.1	CE:	0.3
N Values	0.03	0.03	0.03				
Bank Stat	1089		1287				
Reach Len	0	0	0				

CWSEL	5681.9	Elmin	5670.53	Froude#	0.59
EG	5683.23	Depth	11.37	EG Slope	0.0016
Chan Vel	10.02	TopWidth	433.8	CritDepth	5678.83
Discharge	28410	KRatio	1	FlowType	Sub-Critical

21 CO.RD. 4251

SAKURA ENG

B.F.E. 21 CO.RD. 4251 DENNIS AYALA

28 November 2007

INPUT

Geographic, NAD83
Vertical - NAVD88, U.S. Feet

OUTPUT

State Plane, NAD83
3003 - New Mexico West, U.S. Feet
Vertical - NAVD88, U.S. Feet

LODGE

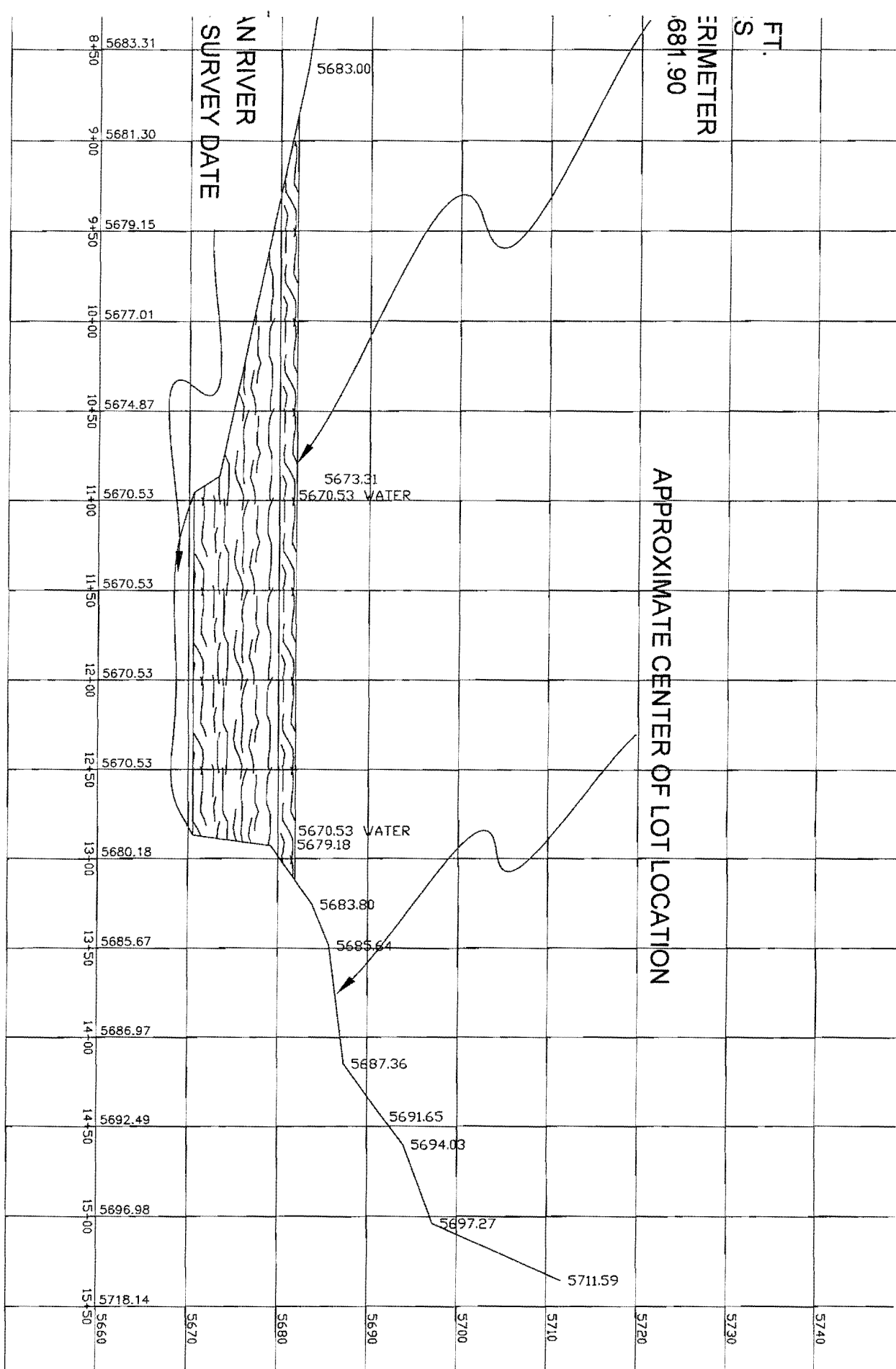
1/1

Latitude: 36 48 24.0
Longitude: 107 41 30.0
Elevation/Z: 5691.42

Northing/Y: 2112978.101
Easting/X: 2764563.996
Elevation/Z: 5691.420
Convergence: 0 05 05.54995
Scale Factor: 0.999918635
Combined Factor: -999.000000000

Remark: ELEV IS BENCH MARK ELEV 5691.42

Corpscon v6.0.1, U.S. Army Corps of Engineers



DATE NOVEMBER 28, 2007 DRAWN JAA

SCALE H=50 V=10 CHECKED _____

APPROVED _____

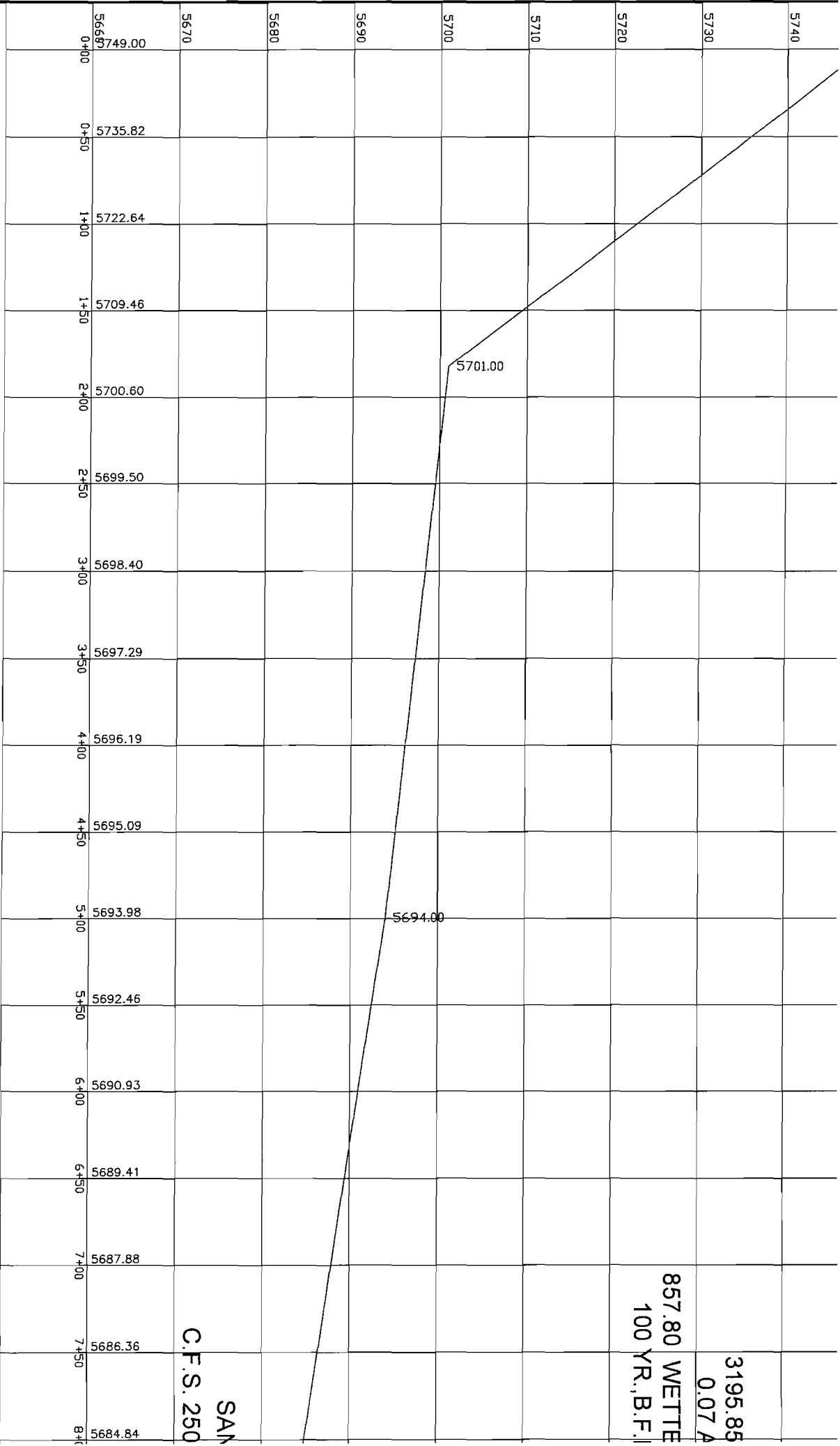
REVISIONS

BY _____ DATE _____ DESCR. _____

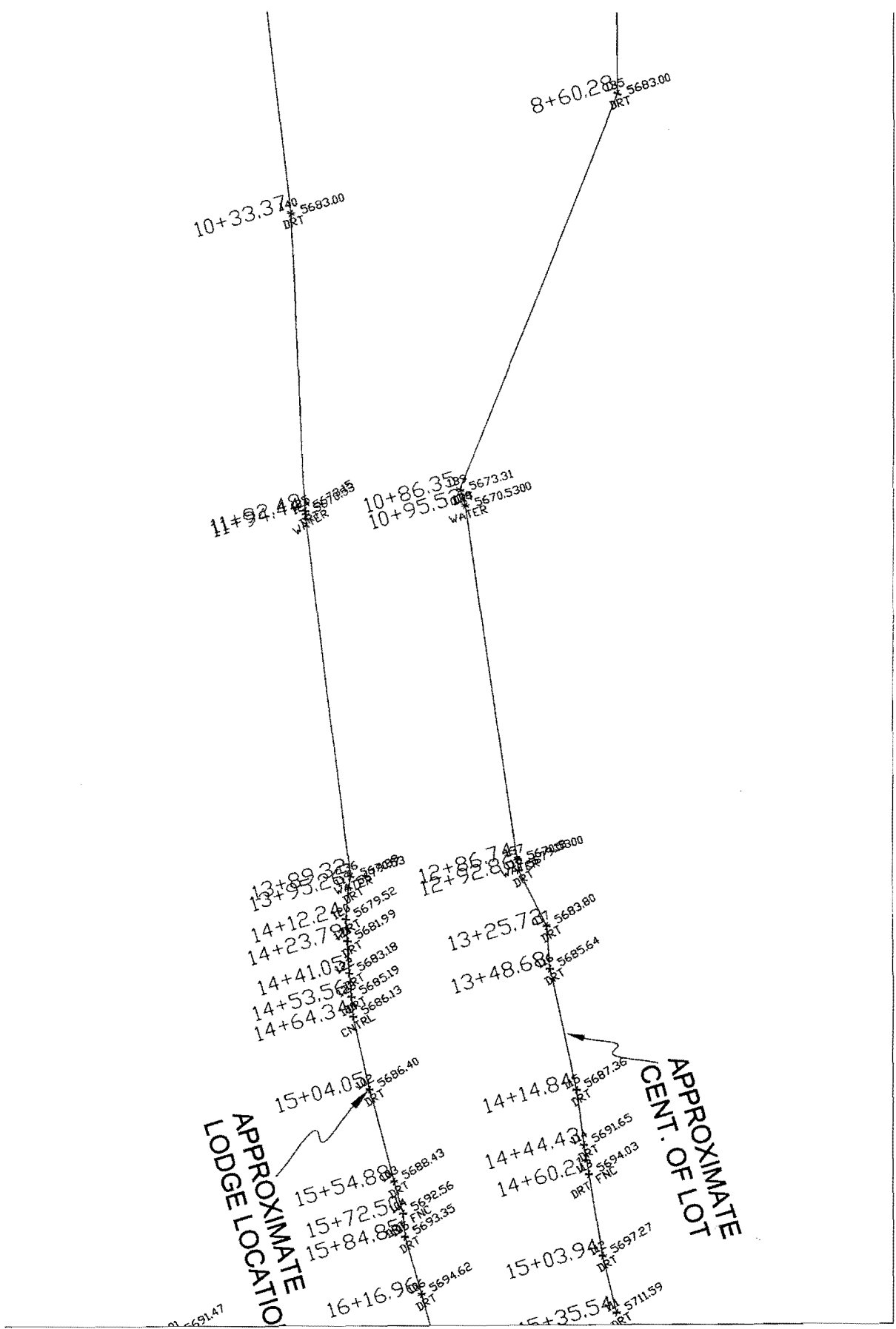
BY _____ DATE _____ DESCR. _____

Sakura
Engineering

125 WEST MAIN STREET
FARMINGTON, NM 87401
(505) 564-2139



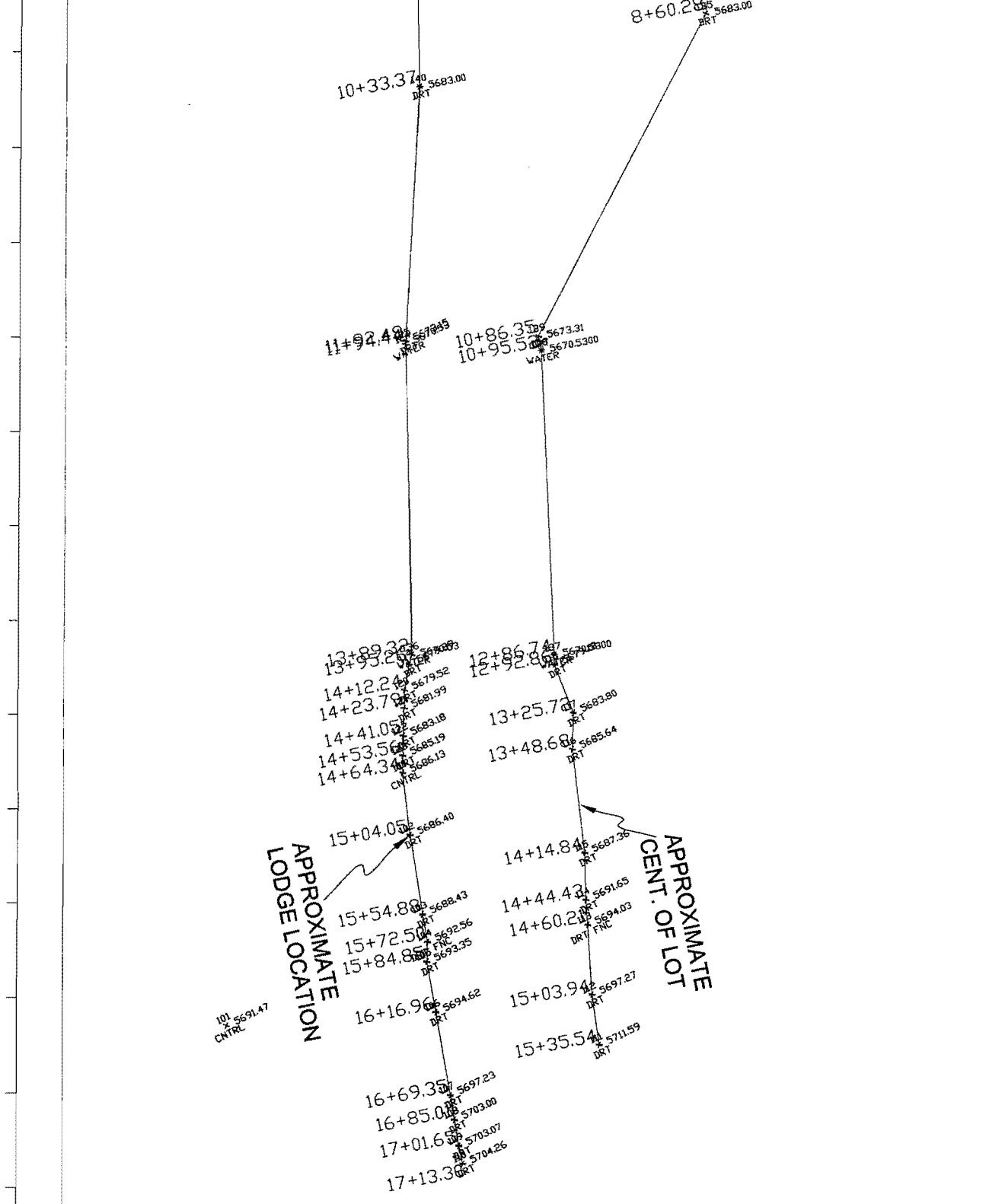
LINE B



**BASE FLOOD ELEVATION
FOR
DENNIS AYALA
#21 CO.RD. 4251 NAVAJO DAM, NM**

CADFile:
SAKURA\FLOOD
PLAINS\DENNIS AYALA.DWG

1	SHEET
SHEETS	1



**BASE FLOOD ELEVATION
FOR
RICHARD AYALA
#19 CO.RD.4251 NAVAJO DAM, NM**

CADFile:
SAKURA\FLO
PLAINS\DENNIS AY

1	5
SHEETS	