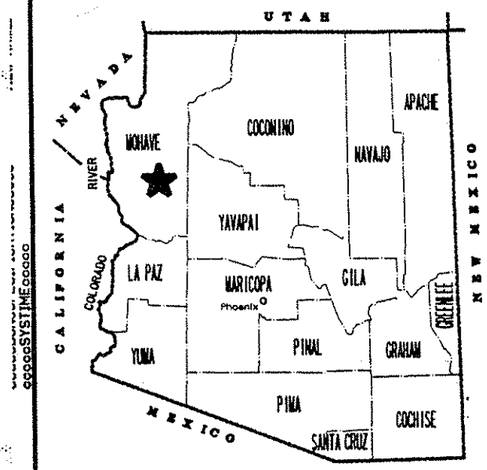
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	FINALIZED PLANS
9	ARIZ.	F-035-1-818	1	7	



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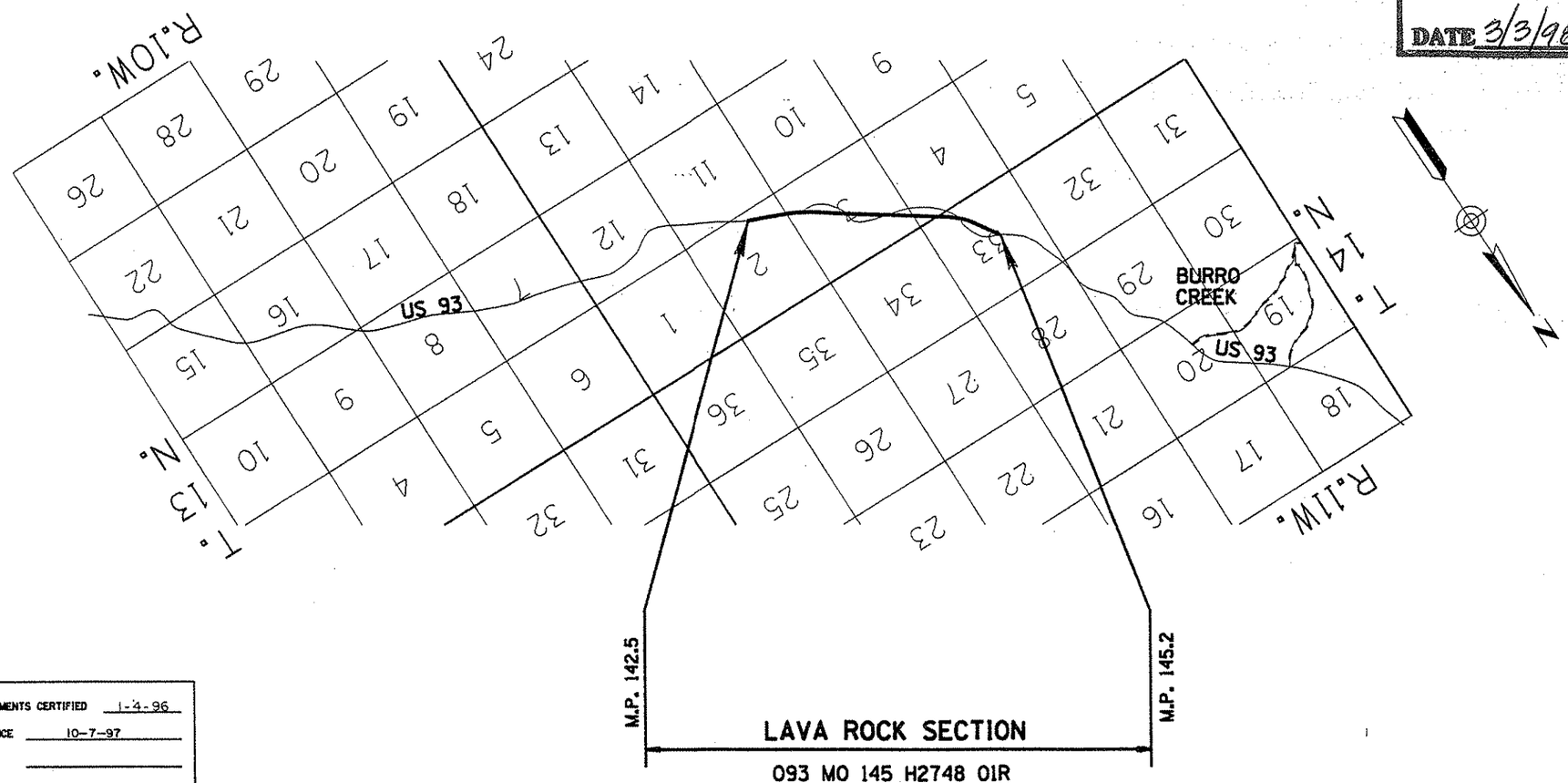
STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION

RIGHT OF WAY PLAN OF THE
WICKENBURG-KINGMAN HIGHWAY
LAVA ROCK SECTION
093 MO 145 H2748 01R
F-035-1-818

LENGTH OF PROJECT 2.7 MI (4.322 KM) DISTRICT K

PRELIMINARY PRINT
FOR ENGINEERING USE ONLY
SUBJECT TO DESIGN CHANGES, ADDITIONS, ALTERATIONS & CORRECTIONS
DATE 3/3/98 BY LHF



ARIZONA DEPARTMENT OF TRANSPORTATION BOARD
APPROVED FOR RIGHT OF WAY ACQUISITION IN ACCORDANCE WITH RESOLUTION 97-09-A-046 DATED 9-19-97
Thomas G. Schmitt STATE ENGINEER

APPROVED IN ACCORDANCE WITH ROADWAY PLANS
DATE 7-2-97
CHIEF R/W AGENT
S E Hansen

U. S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED DATE
DIVISION ADMINISTRATOR

PUBLIC HEARING REQUIREMENTS CERTIFIED 1-4-96
ENVIRONMENTAL CLEARANCE 10-7-97
C & S REVIEW
BID SET REVIEW

DRAWING NO. D-8-T-348
SHEET NO. 1 OF 7

VIEW NAME: ccccc SYSTIME ccccc ccccc DGN c SPECIFICATION ccccc

OWNERSHIP RECORD

PARCEL NUMBER	SHEET NO.	OWNER	DESCRIPTION	METRIC TOTAL AREA	METRIC AREA REQUIRED GROSS INCLUDING EXISTING R/W	METRIC AREA REQUIRED NET EXCLUDING EXISTING R/W	METRIC NEW EASEMENTS	METRIC EXISTING EASEMENTS	METRIC REMAINDER LEFT	METRIC REMAINDER RIGHT	ENGLISH TOTAL AREA	ENGLISH AREA REQUIRED GROSS INCLUDING EXISTING R/W	ENGLISH AREA REQUIRED NET EXCLUDING EXISTING R/W	ENGLISH NEW EASEMENTS	ENGLISH EXISTING EASEMENTS	ENGLISH REMAINDER LEFT	ENGLISH REMAINDER RIGHT
8-1178	4	U.S.A. (B.L.M.)	PT SW¼ SEC. 2 T.13N.,R.11W.		~~152981~~ 156637	~~179~~ 3835						~~1,646,728⊕~~ 1,686,082⊕	~~1,927⊕~~ 41,281⊕				
	4-6		PT LOTS 2-4, SW¼ NE¼, N½ SE¼ SEC. 3 T.13N.,R.11W.		~~300674~~ 301550	~~86860~~ 87536						~~3,236,534⊕~~ 3,245,963⊕	~~934,984⊕~~ 942,260⊕				
	6		PT LOT 1 SEC. 4 T.13N.,R.11W.		7831	6082						84,295⊕	65,468⊕				
	6-7		PT SEC. 33 T.14N.,R.11W.		~~266559~~ 278293	~~84488~~ 96222						~~2,869,311⊕~~ 2,995,619⊕	~~909,451⊕~~ 1,035,759⊕				
	6		PT SW¼ SW¼ SEC. 34 T.14N.,R.11W.		11362	4109						122,293⊕	44,230⊕				

NOTES:

Metric Areas Shown in Square Meters Unless Otherwise Noted

Conversion Factor

Square Meters = Square Feet X 0.09290304

Click here for US 93 Index

REVISIONS				RPA 9621
C.O.	DATE	BY	DESCRIPTION	
9152	7-28-97	RPA	Rev'd Gross & Net Area Sec's 2 & 33.	
9265	9/15/98	CJK	Rev'd Gross & Net Area for	
—	—	—	Par. 8-1178, Sec. 3.	

DRAWING NO.	D-8-T-348
HARD COPY	
DRAWN	RPA 4-97
CHECKED	L F 5-97
RITOCH-POWELL & Associates Consulting Engineers, Inc.	
ROUTE	US 93
SECTION	LAVA ROCK SECTION

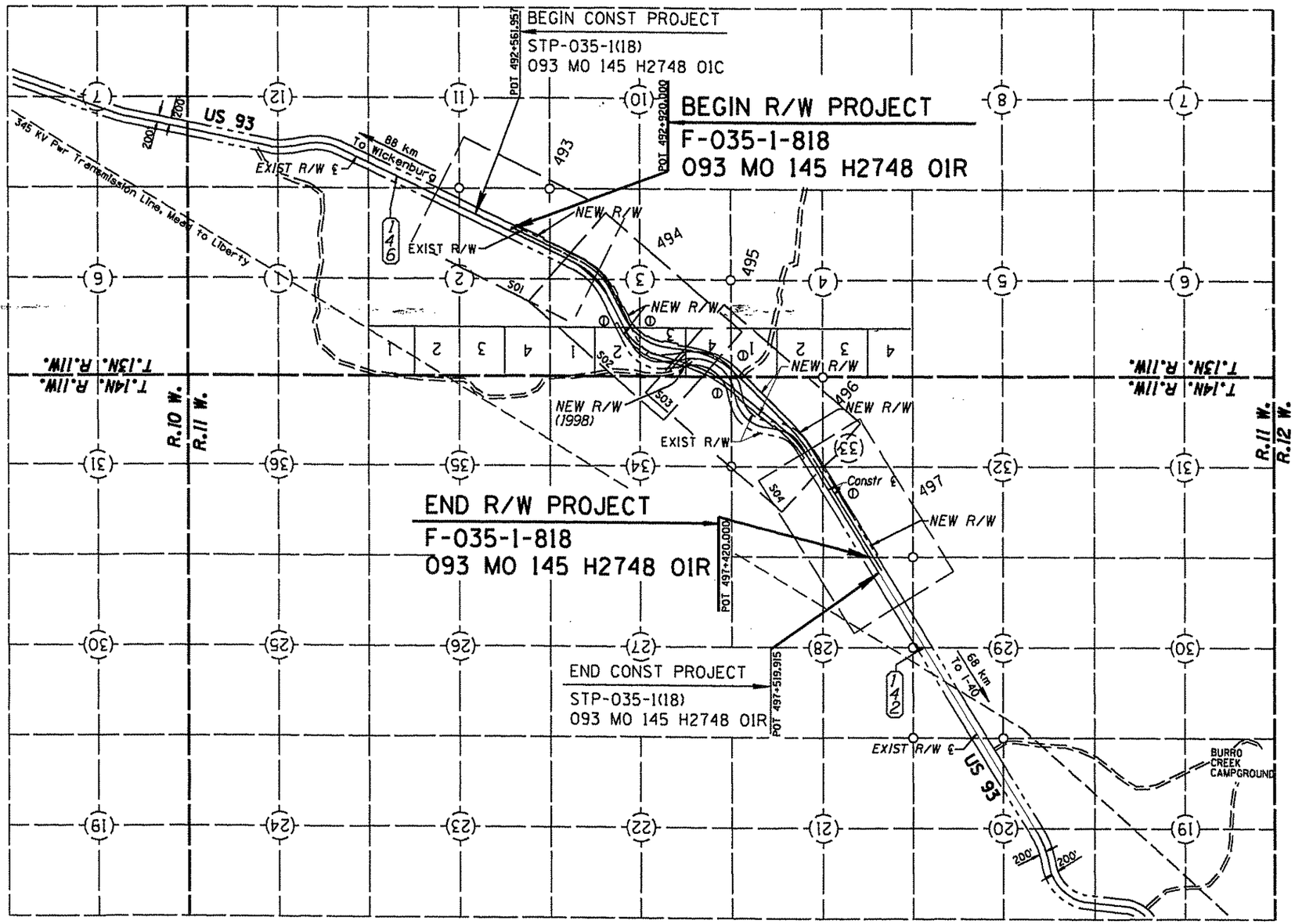
ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY: WICKENBURG-KINGMAN HIGHWAY
PROJECT NO.: F-035-1-818
TRACS NO.: 093 MO 145 H2748 01R

REGISTERED LAND SURVEYOR CERTIFICATE NO. 15901 JOHN M. RITOCH ARIZONA, U.S.A.

SHEET 2 OF 7

Metric



VICINITY MAP

SCALE 1 : 20000

METERS 0 20 40 60 80 100

Conversion Factor
FEET = METERS ÷ 0.3048

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INDEX TO EXISTING R/W

IND.	SUBDIVISION	SEC.	TWP.	R.	ACQ. FROM	TYPE	F/E	BK./DKT.	PAGE	WIDTH	YEAR	SERIAL NO.
①	8-T-231	33,34	14N	11W	BLM	R/W	E	-	-	400'	1954	086275
①	8-T-231	3,4	13N	11W	BLM	R/W	E	-	-	400'	1954	086275

REVISIONS

C.O.	DATE	BY	DESCRIPTION
9152	7-28-97	RPA	REV'D NEW R/W IN SECTION 2 & 3.
9152	7-28-97	RPA	REV'D BEGIN & END R/W PROJECT.
9174	11-04-97	RPA	REV'D BEGIN & END CONSTR. STATION.
9265	9/15/98	CJK	ADDED NEW R/W 1998.

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CHECKED	L F 5-97
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ROUTE	US 93
SECTION	LAVA ROCK SECTION

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

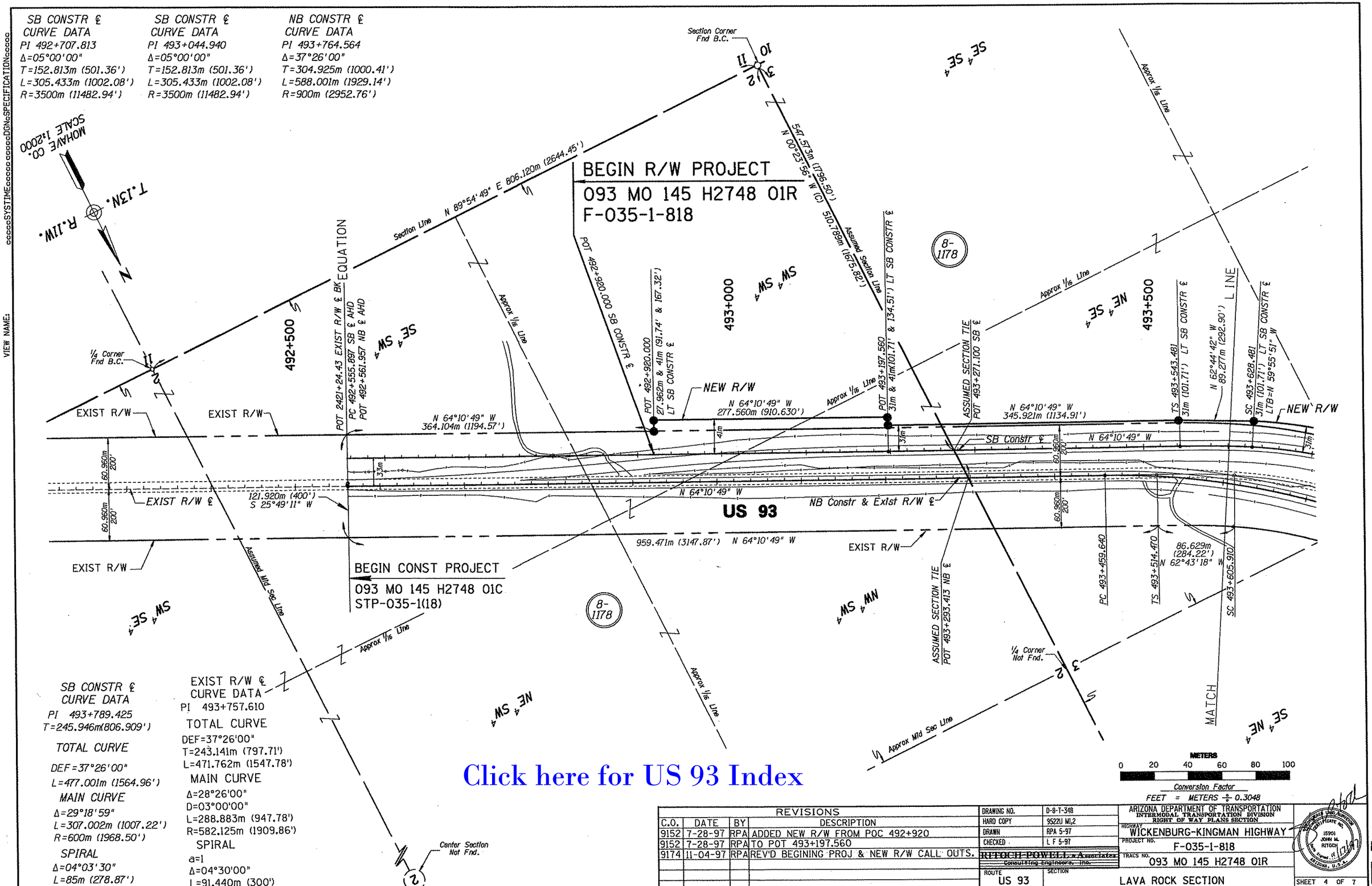
HIGHWAY: WICKNBURG-KINGMAN HIGHWAY
PROJECT NO. F-035-1-818
TRACS NO. 093 MO 145 H2748 01R

REGISTERED LAND SURVEYOR CERTIFICATE NO. 15901 JOHN M. RITCH ARIZONA, U.S.A.

SHEET 3 OF 7

Metric

VIEW NAME: ccccccSYSTIMEcccccccccccccDGNcSPECIFICATIONcccccc



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REVISIONS			
C.O.	DATE	BY	DESCRIPTION
9152	7-28-97	RPA	ADDED NEW R/W FROM POC 492+920
9152	7-28-97	RPA	TO POT 493+197.560
9174	11-04-97	RPA	REV'D BEGINING PROJ & NEW R/W CALL OUTS.

DRAWING NO.	D-8-T-348
HARD COPY	9522U M1,2
DRAWN	RPA 5-97
CHECKED	L F 5-97

RITOCH-POWELL & Associates
Consulting Engineers, Inc.

ROUTE: US 93
SECTION: LAVA ROCK SECTION

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY: WICKENBURG-KINGMAN HIGHWAY
PROJECT NO. F-035-1-818
TRACS NO. 093 MO 145 H2748 01R

SHEET 4 OF 7

VIEW NAME: ccccoSYSTIMEccccccccccDGNcSPECIFICATIONcccccc

SB CONSTR ℄
CURVE DATA
PI 493+789.425
TOTAL CURVE
DEF=37°26'00"
T=245.946m (806.909')
L=477.001 m(1564.96')
MAIN CURVE
Δ=29°18'59"
L=307.002m (1007.22')
R=600m (1968.50')
SPIRAL
Δ=04°03'30"
L=85m (278.87')

SB CONSTR ℄
CURVE DATA
PI 494+488.264
TOTAL CURVE
DEF=56°17'00"
T=315.330m (1034.55')
L=586.165m (1923.11')
MAIN CURVE
Δ=45°23'50"
L=396.165m (1299.75')
R=500m (1640.42')
SPIRAL
Δ=05°26'35"
L=95m (311.68')

SB CONSTR ℄
CURVE DATA
PI 494+143.771
TOTAL CURVE
DEF=38°02'54"
T=284.006m (931.778')
L=549.848m (1803.96')
MAIN CURVE
Δ=31°05'28"
L=379.848m (1246.22')
R=700m (2296.59')
SPIRAL
Δ=03°28'43"
L=85m (278.87')

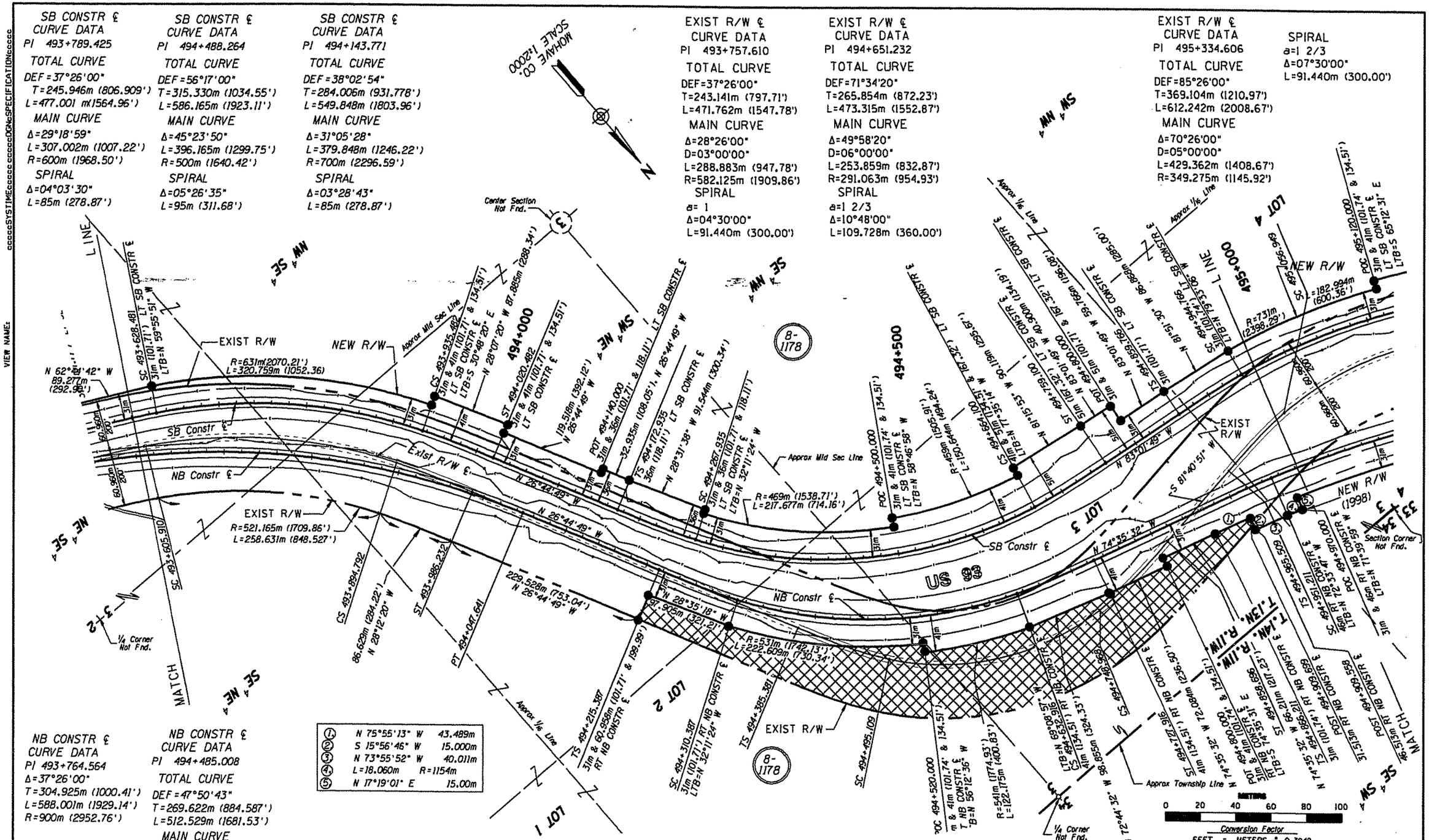
MOHAVE CO.
SCALE 1:2000

EXIST R/W ℄
CURVE DATA
PI 493+757.610
TOTAL CURVE
DEF=37°26'00"
T=243.141m (797.71')
L=471.762m (1547.78')
MAIN CURVE
Δ=28°26'00"
D=03°00'00"
L=288.883m (947.78')
R=582.125m (1909.86')
SPIRAL
a= 1
Δ=04°30'00"
L=91.440m (300.00')

EXIST R/W ℄
CURVE DATA
PI 494+651.232
TOTAL CURVE
DEF=71°34'20"
T=265.854m (872.23')
L=473.315m (1552.87')
MAIN CURVE
Δ=49°58'20"
D=06°00'00"
L=253.859m (832.87')
R=291.063m (954.93')
SPIRAL
a=1 2/3
Δ=10°48'00"
L=109.728m (360.00')

EXIST R/W ℄
CURVE DATA
PI 495+334.606
TOTAL CURVE
DEF=85°26'00"
T=369.104m (1210.97')
L=612.242m (2008.67')
MAIN CURVE
Δ=70°26'00"
D=05°00'00"
L=429.362m (1408.67')
R=349.275m (1145.92')

SPIRAL
a=1 2/3
Δ=07°30'00"
L=91.440m (300.00')



NB CONSTR ℄
CURVE DATA
PI 493+764.564
Δ=37°26'00"
T=304.925m (1000.41')
L=588.001m (1929.14')
R=900m (2952.76')

NB CONSTR ℄
CURVE DATA
PI 494+485.008
TOTAL CURVE
DEF=47°50'43"
T=269.622m (884.587')
L=512.529m (1681.53')
MAIN CURVE
Δ=36°57'33"
L=322.529m (1058.17')
R=500m (1640.42')
SPIRAL
Δ=05°26'35"
L=95m (311.68')

①	N 75°55'13" W	43.489m
②	S 15°56'46" W	15.000m
③	N 73°55'52" W	40.011m
④	L=18.060m	R=1154m
⑤	N 17°19'01" E	15.00m

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PROPOSED AREA OF DISPOSAL

REVISIONS

C.O.	DATE	BY	DESCRIPTION
9174	11-04-97	RPA	REV'D NEW R/W CALL OUTS STA.
9265	9/15/98	CJK	ADDED NEW R/W RT OF STA 494+909 TO
—	—	—	STA 494+970.

DRAWING NO.	D-8-T-348
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DRAWN	RPA 5-97
CHECKED	LF 5-97

HITOCH-POWELL & Associates
Consulting Engineers, Inc.

ROUTE: US 93
SECTION: LAVA ROCK SECTION

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION
HIGHWAY: WICKENBURG-KINGMAN HIGHWAY
PROJECT NO. F-035-1-818
TRACS NO. 093 MO 145 H2748 01R

REGISTERED LAND SURVEYOR CERTIFICATE NO. 15901 JOHN M. RITOCH ARIZONA, U.S.A.

SHEET 5 OF 7

Metric

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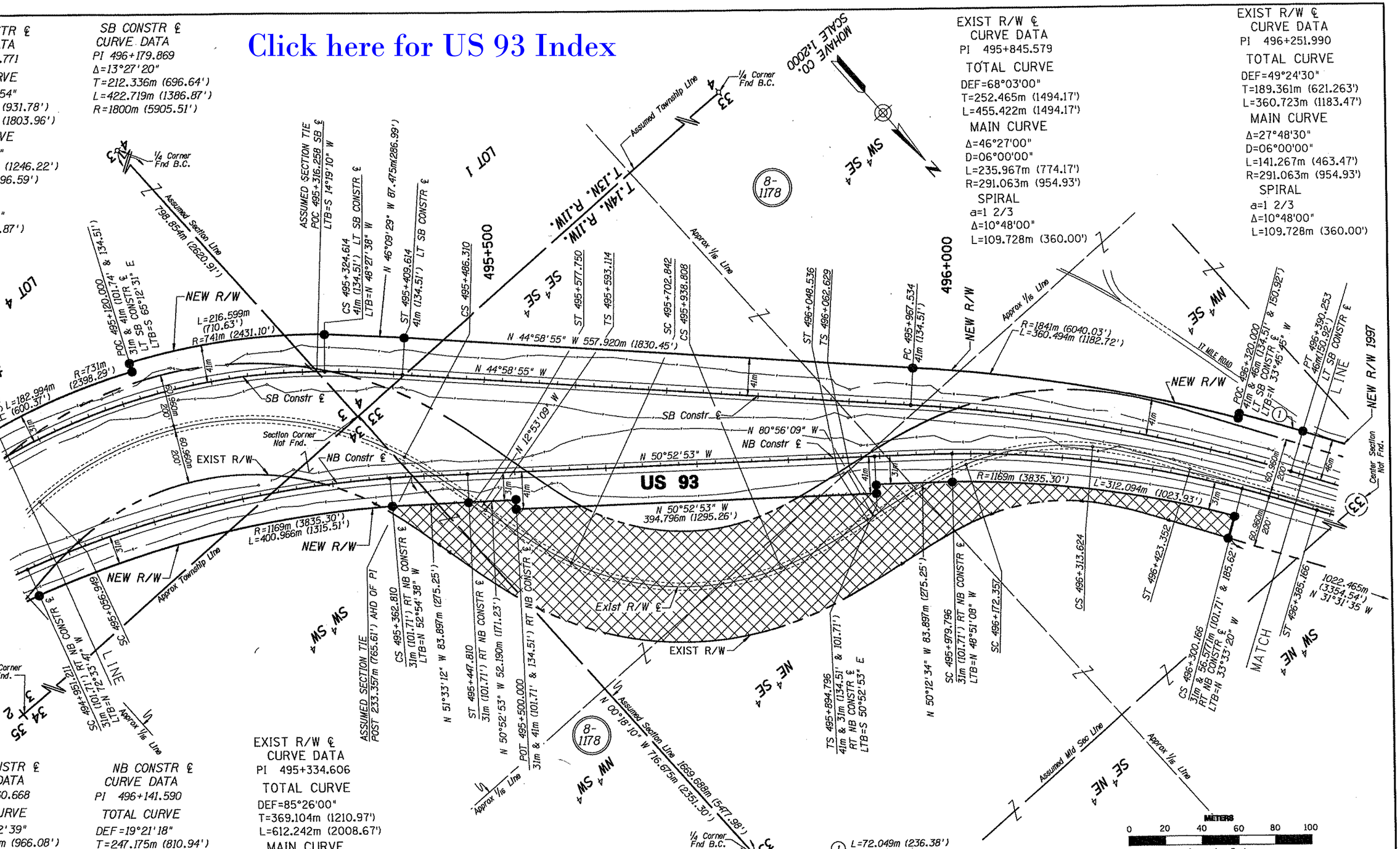

NB CONSTR ℄
CURVE DATA
PI 495+160.668
TOTAL CURVE
DEF=23°42'39"
T=294.460m (966.08')
L=581.598m (1908.13')
MAIN CURVE
Δ=19°39'09"
L=411.599m (1350.39')
R=1200m (3937.01')
SPIRAL
Δ=02°01'45"
L=85m (278.87')

NB CONSTR ℄
CURVE DATA
PI 496+141.590
TOTAL CURVE
DEF=19°21'18"
T=247.175m (810.94')
L=490.370m (1608.83')
MAIN CURVE
Δ=15°17'47"
L=320.369m (1051.08')
R=1200m (3937.01')
SPIRAL
Δ=02°01'45"
L=85m (278.87')

EXIST R/W ℄
CURVE DATA
PI 495+334.606
TOTAL CURVE
DEF=85°26'00"
T=369.104m (1210.97')
L=612.242m (2008.67')
MAIN CURVE
Δ=70°26'00"
D=05°00'00"
L=429.362m (1408.67')
R=349.275m (1145.92')
SPIRAL
a=1 2/3
Δ=07°30'00"
L=91.440m (300.00')

PROPOSED AREA OF DISPOSAL

REVISIONS

C.O.	DATE	BY	DESCRIPTION
9152	7-28-97	RPA	NEW R/W LT POT 495+900 TO
9152	7-28-97	RPA	PT 496+390.252.
9174	11-04-97	RPA	REV'D NEW R/W CALL OUTS.

DRAWING NO.	0-8-T-348
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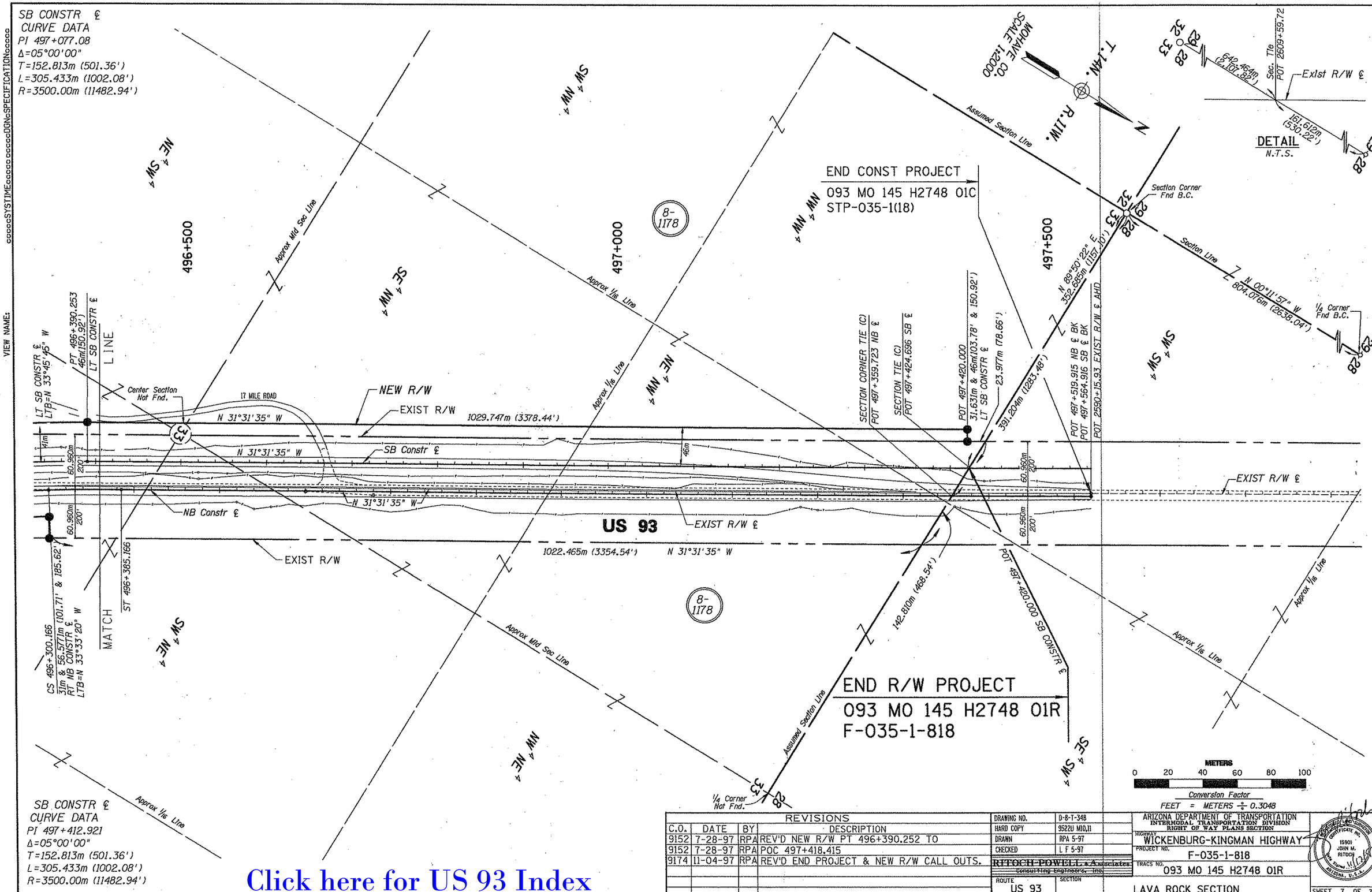
ROUTE	US 93
SECTION	LAVA ROCK SECTION

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION
HIGHWAY: WICKENBURG-KINGMAN HIGHWAY
PROJECT NO. F-035-1-818
TRACS NO. 093 MO 145 H2748 01R

REGISTERED LAND SURVEYOR CERTIFICATE NO. 15901 JOHN M. RITOCH ARIZONA, U.S.A.

SHEET 6 OF 7

Metric



REVISIONS			
C.O.	DATE	BY	DESCRIPTION
9152	7-28-97	RPA	REV'D NEW R/W PT 496+390.252 TO
9152	7-28-97	RPA	POC 497+418.415
9174	11-04-97	RPA	REV'D END PROJECT & NEW R/W CALL OUTS.

DRAWING NO.	D-8-T-348
HARD COPY	9522U M10,11
DRAWN	RPA 5-97
CHECKED	L F 5-97

RITOCH-POWELL & Associates
Consulting Engineers, Inc.

ROUTE: US 93
SECTION:

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY: WICKENBURG-KINGMAN HIGHWAY
PROJECT NO.: F-035-1-818
TRACS NO.: 093 MO 145 H2748 01R
LAVA ROCK SECTION

REGISTERED LAND SURVEYOR
CERTIFICATE NO. 15901
JOHN M. RITOCH
Date Signed 11/12/97
ARIZONA, U.S.A.

SHEET 7 OF 7

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