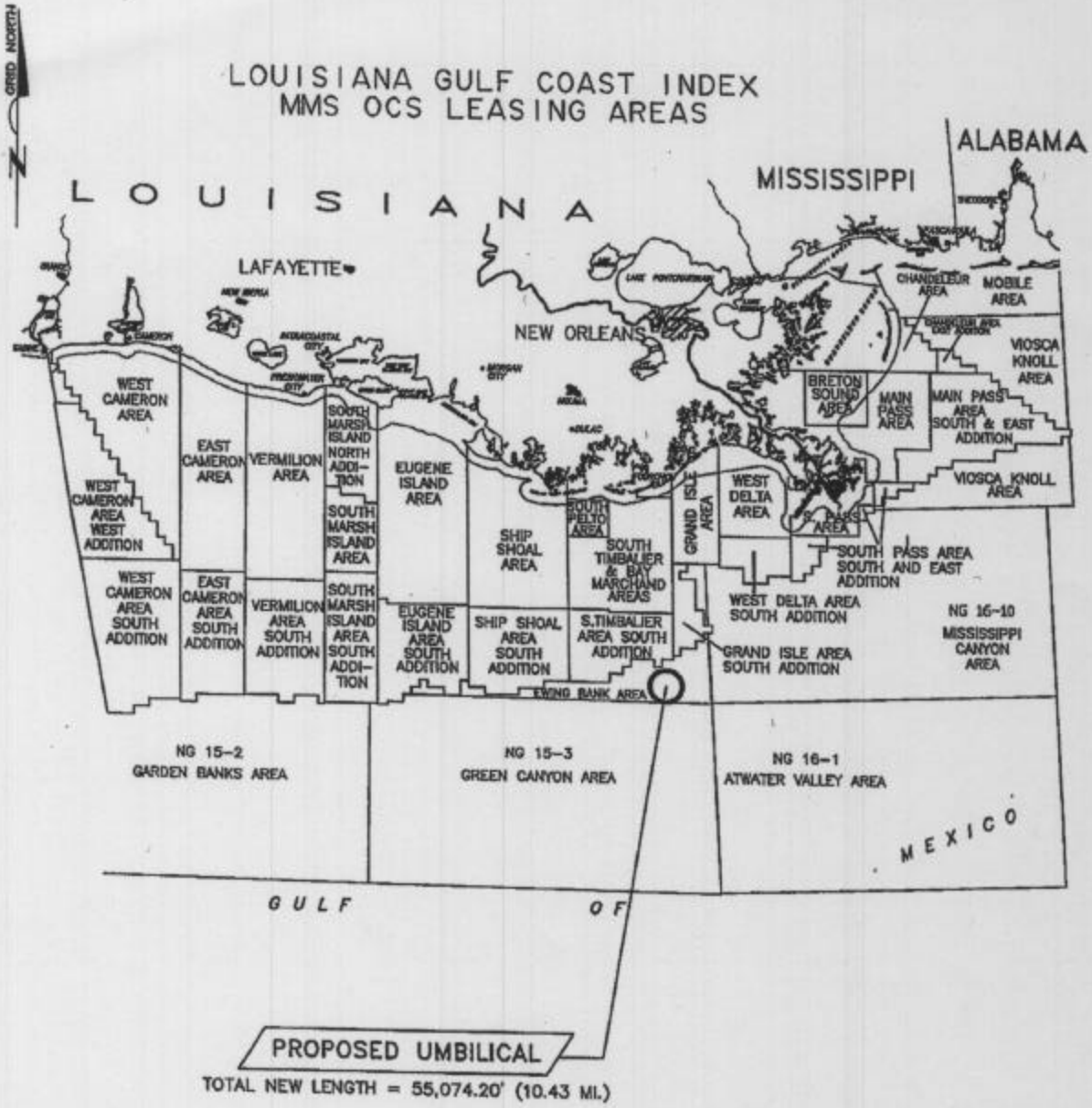


VICINITY MAP

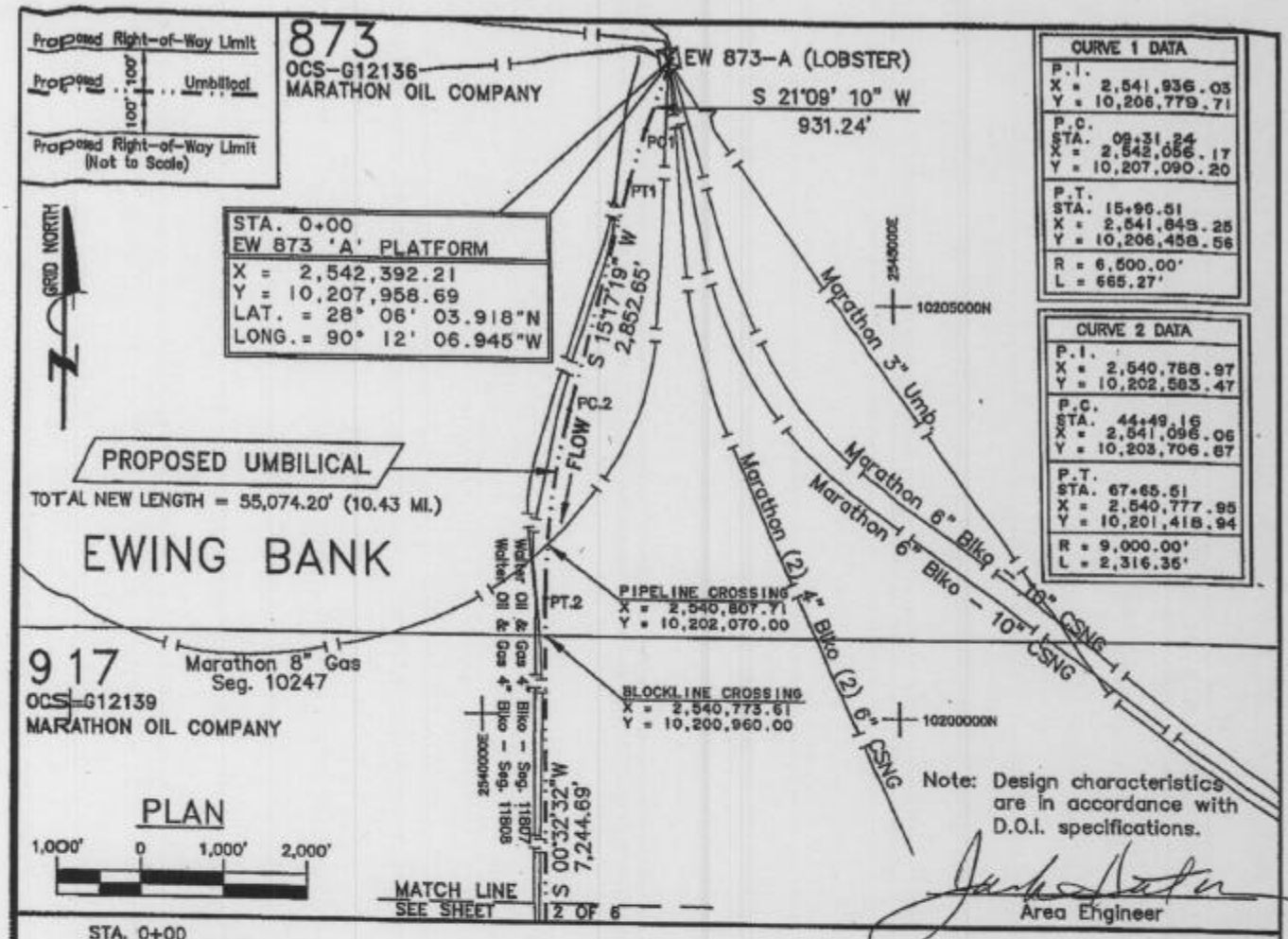
DATUM:	NAD 27
SPHEROID:	CLARKE 1866
PROJECTION:	UTM
ZONE:	15

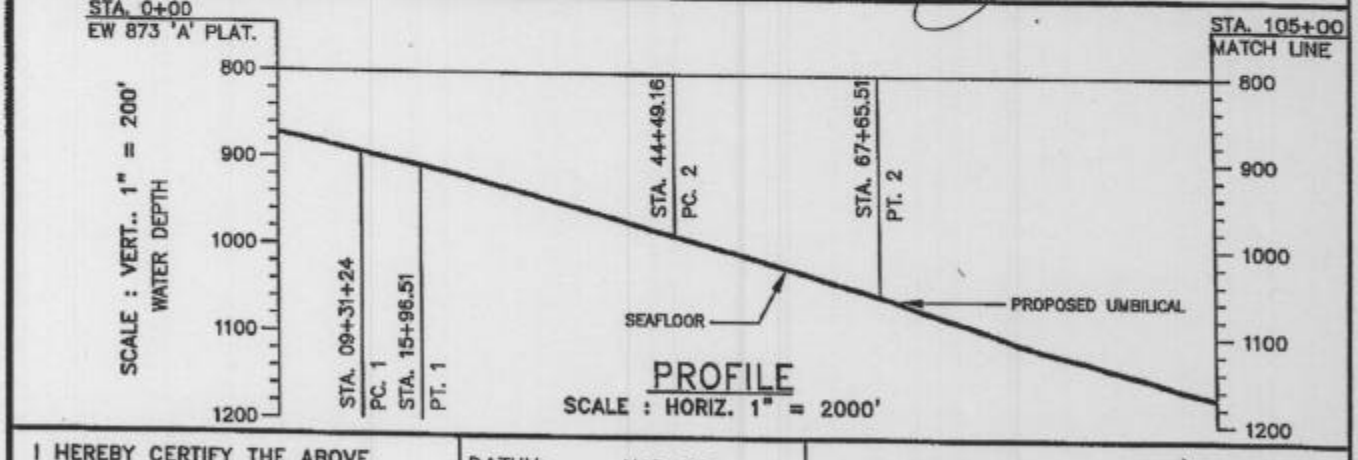
Thales GeoSolutions, Inc.
3624 Westchase Drive
Houston, Texas 77042
Tel: 713-784-4482 Fax: 713-784-8162
THALES

WALTER OIL & GAS CORPORATION

PROPOSED UMBILICAL
EW 873 'A' PLATFORM TO
EW 1006 WELL No. 4
EWING BANK

DATE	DRAWN BY:	CHECKED BY:	DRAWING No.
05/05/03	SAR	DHL	PER1_5364
REV. DATE	REV. No.:	SCALE: AS SHOWN	JOB No. 100748
-------	00	SHEET 1 OF 6	DP No. 5364





I HEREBY CERTIFY THE ABOVE PROPOSED UMBILICAL LOCATION IS CORRECT.

STATE OF LOUISIANA
DALE H. LIPPS
REG. No. 307
REGISTERED PROFESSIONAL LAND SURVEYOR

Dale H. Lipps Lic. No. 307 Reg. No. 307

Date 6/6/03

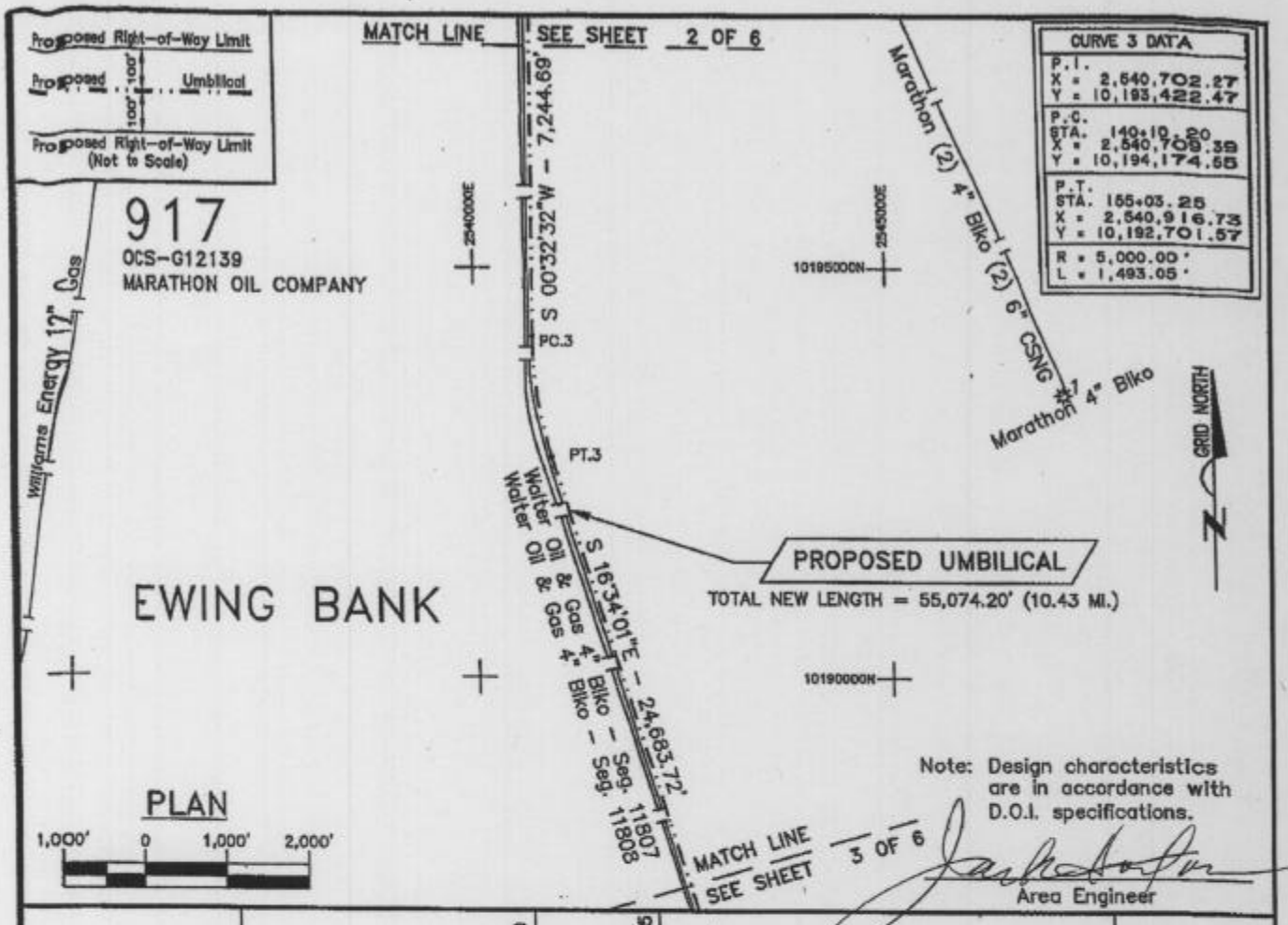
DATUM:	NAD 27
SPHEROID:	CLARKE 1866
PROJECTION:	UTM
ZONE:	15

Thales GeoSolutions, Inc.
3624 Westchase Drive
Houston, Texas 77042
Tel: 713-784-4482 Fax: 713-784-8162
THALES

WALTER OIL & GAS CORPORATION

PROPOSED UMBILICAL
EW 873 'A' PLATFORM TO
EW 1006 WELL No. 4
EWING BANK

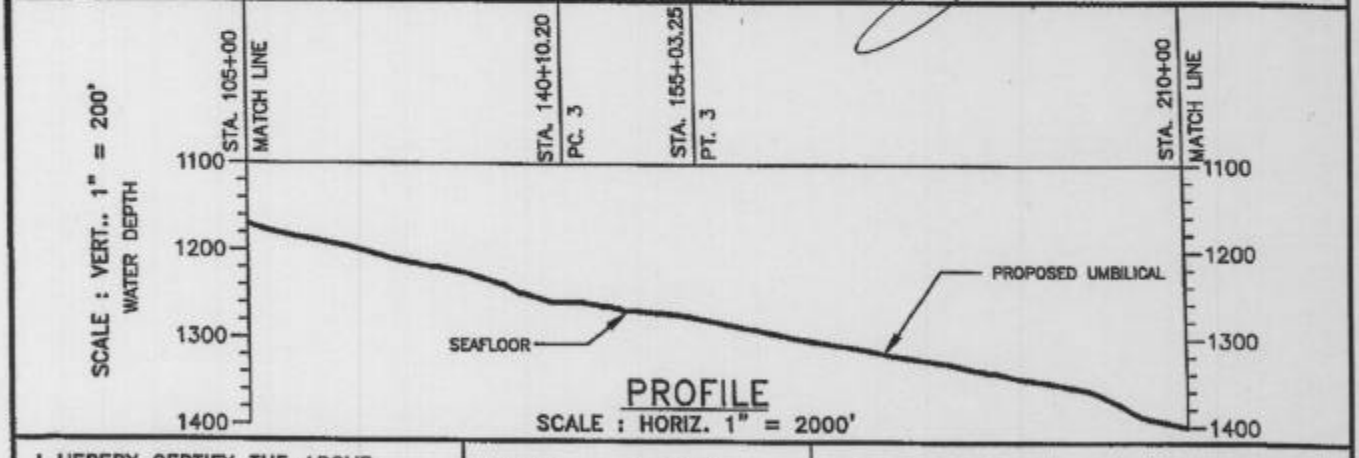
DATE	DRAWN BY:	CHECKED BY:	DRAWING No.
06/05/03	SAR	DHL	PER2_5364
REV. DATE	REV. No.:	SCALE: AS SHOWN	JOB No. 100748
-------	00	SHEET 2 OF 6	DP No. 5364



CURVE 3 DATA	
P.I.	X = 2,540,702.27 Y = 10,193,422.47
P.C. STA. 140+10.20	X = 2,540,709.39 Y = 10,194,174.55
P.T. STA. 155+03.25	X = 2,540,916.73 Y = 10,192,701.57
R = 5,000.00'	L = 1,493.05'

Note: Design characteristics are in accordance with D.O.I. specifications.

Area Engineer



I HEREBY CERTIFY THE ABOVE PROPOSED UMBILICAL LOCATION IS CORRECT.

STATE OF LOUISIANA
DALE H. LIPPS
REG. No. 0307
REGISTERED PROFESSIONAL LAND SURVEYOR

Dale H. Lipps La. Reg. No. 307

Date 6/18/03

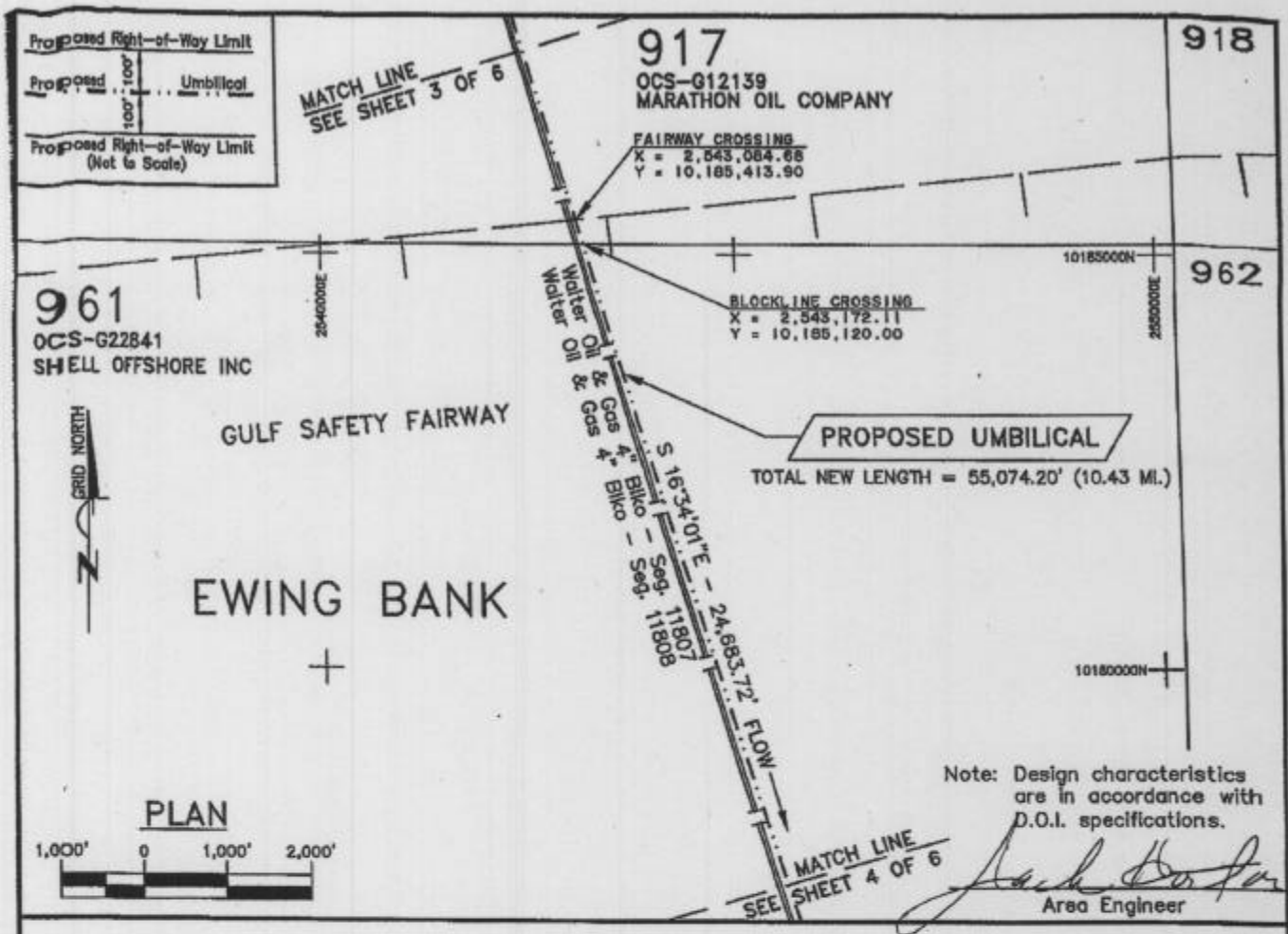
DATUM:	NAD 27
SPHEROID:	CLARKE 1866
PROJECTION:	UTM
ZONE:	15

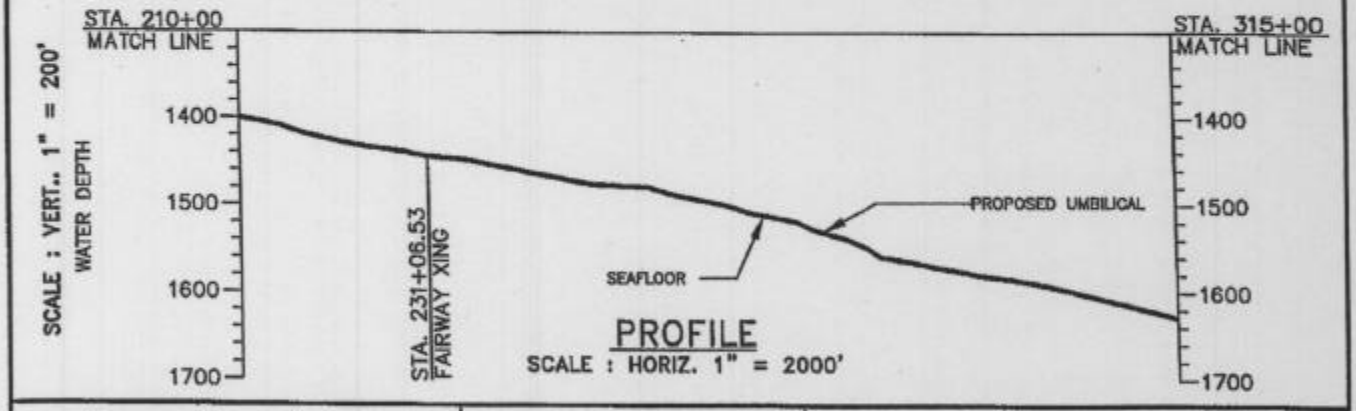
Thales GeoSolutions, Inc.
3624 Westchase Drive
Houston, Texas 77042
Tel: 713-784-4482 Fax: 713-784-8182
THALES

WALTER OIL & GAS CORPORATION

PROPOSED UMBILICAL
EW 873 'A' PLATFORM TO
EW 1006 WELL No. 4
EWING BANK

DATE	DRAWN BY:	CHECKED BY:	DRAWING No.
06/05/03	SAR	DHL	PER3_5364
REV. DATE	REV. No.:	SCALE: AS SHOWN	JOB No. 100748
-------	00	SHEET 3 OF 6	DP No. 5364





I HEREBY CERTIFY THE ABOVE PROPOSED UMBILICAL LOCATION IS CORRECT.

STATE OF LOUISIANA
DALE H. LIPPS
REG. No. 0307
REGISTERED PROFESSIONAL LAND SURVEYOR

Dale H. Lipps La. Reg. No. 307

Date 6/10/03

DATUM:	NAD 27
SPHEROID:	CLARKE 1866
PROJECTION:	UTM
ZONE: 15	

Thales GeoSolutions, Inc.
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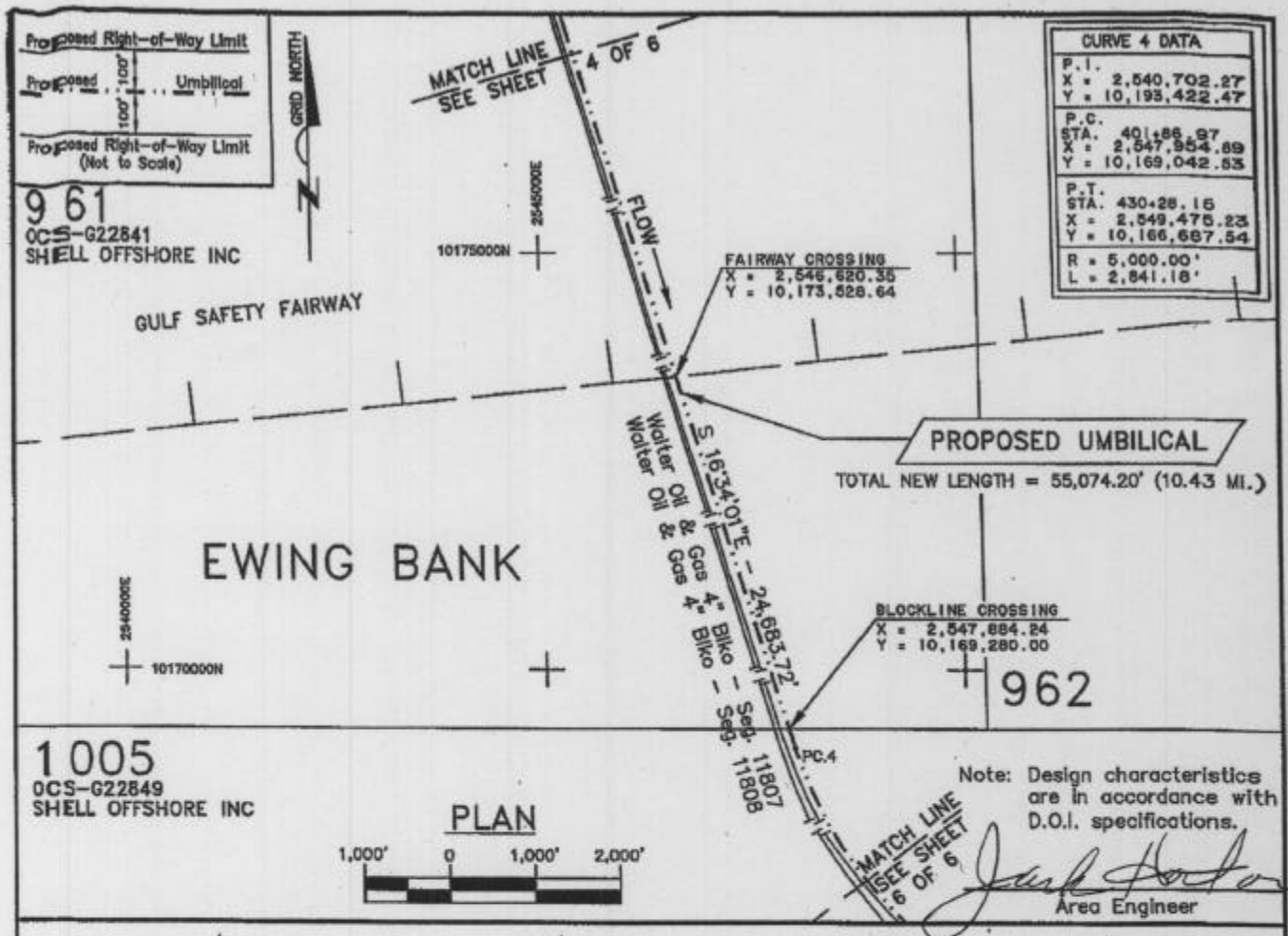
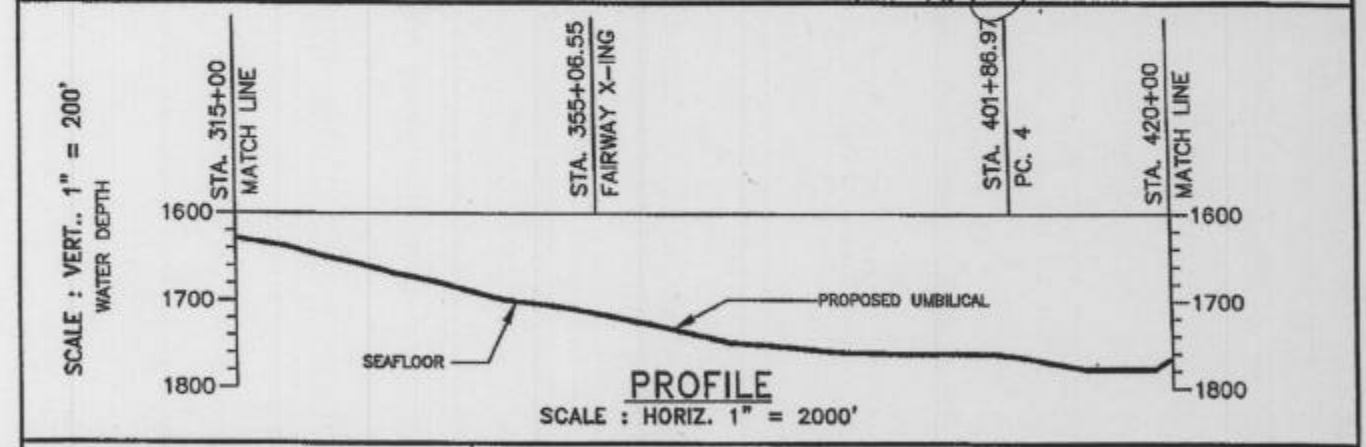
THALES

WALTER OIL & GAS CORPORATION

PROPOSED UMBILICAL
EW 873 'A' PLATFORM TO
EW 1006 WELL No. 4
EWING BANK

DATE	DRAWN BY:	CHECKED BY:	DRAWING No.
06/05/03	SAR	DHL	PER4_5364
REV. DATE	REV. No.:	SCALE: AS SHOWN	JOB No. 100748
-------	00	SHEET 4 OF 6	DP No. 5364





I HEREBY CERTIFY THE ABOVE PROPOSED UMBILICAL LOCATION IS CORRECT.

STATE OF LOUISIANA
DALE H. LIPPS
REG. No. 0307
REGISTERED
PROFESSIONAL
LAND SURVEYOR

Dale H. Lipps La. Reg. No. 307

Date 6/18/03

DATUM:	NAD 27
SPHEROID:	CLARKE 1866
PROJECTION:	UTM
ZONE: 15	

Thales GeoSolutions, Inc.
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THALES

WALTER OIL & GAS CORPORATION

PROPOSED UMBILICAL
EW 873 'A' PLATFORM TO
EW 1006 WELL No. 4
EWING BANK

DATE	DRAWN BY:	CHECKED BY:	DRAWING No.
06/05/03	SAR	DHL	PER5_5364
REV. DATE	REV. No.:	SCALE: AS SHOWN	JOB No. 100748
-------	00	SHEET 5 OF 6	DP No. 5364

Proposed Right-of-Way Limit
Proposed Umbilical 100'
Proposed Right-of-Way Limit
(Not to Scale)

962
OCS-G22842
SHELL OFFSHORE INC

1006
OCS-G10968
MARATHON OIL COMPANY/
WALTER OIL & GAS CORPORATION

EWING BANK

GRID NORTH

MATCH LINE SEE SHEET 5 OF 6

BLOCKLINE CROSSING
X = 2,550,240.00
Y = 10,166,025.60

PT.4

S 49°07'28"E
3,808.65'
Walter Oil & Gas 4" Biko - Seg. 11807
Walter Oil & Gas 4" Biko - Seg. 11808

PC. 5

FLOW

PROPOSED UMBILICAL
TOTAL NEW LENGTH = 55,074.20' (10.43 MI.)

PT. 5 N 89°55'19"E
2,876.57'

1

4

CURVE 5 DATA
P.I. X = 2,554,472.76 Y = 10,162,362.26
P.C. STA. 468+36.80 X = 2,552,355.07 Y = 10,164,195.08
P.T. STA. 521+97.63 X = 2,557,273.44 Y = 10,162,366.08
R = 7,500.00' L = 5,360.83'

STA. 550+74.20 EW 1006 WELL No. 4
X = 2,560,150.00
Y = 10,162,370.00
LAT. = 27° 58' 28.801"N
LONG. = 90° 09' 00.730"W

CURVE 4 DATA
P.I. X = 2,540,702.27 Y = 10,193,422.47
P.C. STA. 401+86.97 X = 2,547,954.89 Y = 10,169,042.53
P.T. STA. 430+28.15 X = 2,549,475.23 Y = 10,166,667.54
R = 5,000.00' L = 2,841.18'

1005
OCS-G22849
SHELL OFFSHORE INC

Note: Design characteristics are in accordance with D.O.I. specifications.

Area Engineer

PLAN

1,000' 0 1,000' 2,000'

SCALE : VERT.. 1" = 200'

WATER DEPTH

STA. 420+00 MATCH LINE | STA. 430+28.15 PT. 4 | STA. 468+36.80 PC. 5 | STA. 521+97.63 PT. 5 | STA. 550+74.20 EW 1006 WELL No. 4

1600
1700
1800
1900

SEAFLOOR

PROPOSED UMBILICAL

PROFILE

SCALE : HORIZ. 1" = 2000'

I HEREBY CERTIFY THE ABOVE PROPOSED UMBILICAL LOCATION IS CORRECT.

STATE OF LOUISIANA
DALE H. LIPPS
REG. No. 307
REGISTERED PROFESSIONAL LAND SURVEYOR
4/18/03

Dale H. Lipps La. Reg. No. 307

Date

DATUM:	NAD 27
SPHEROID:	CLARKE 1866
PROJECTION:	UTM
ZONE:	15

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———	00	SHEET 6 OF 6	DP No. 5364