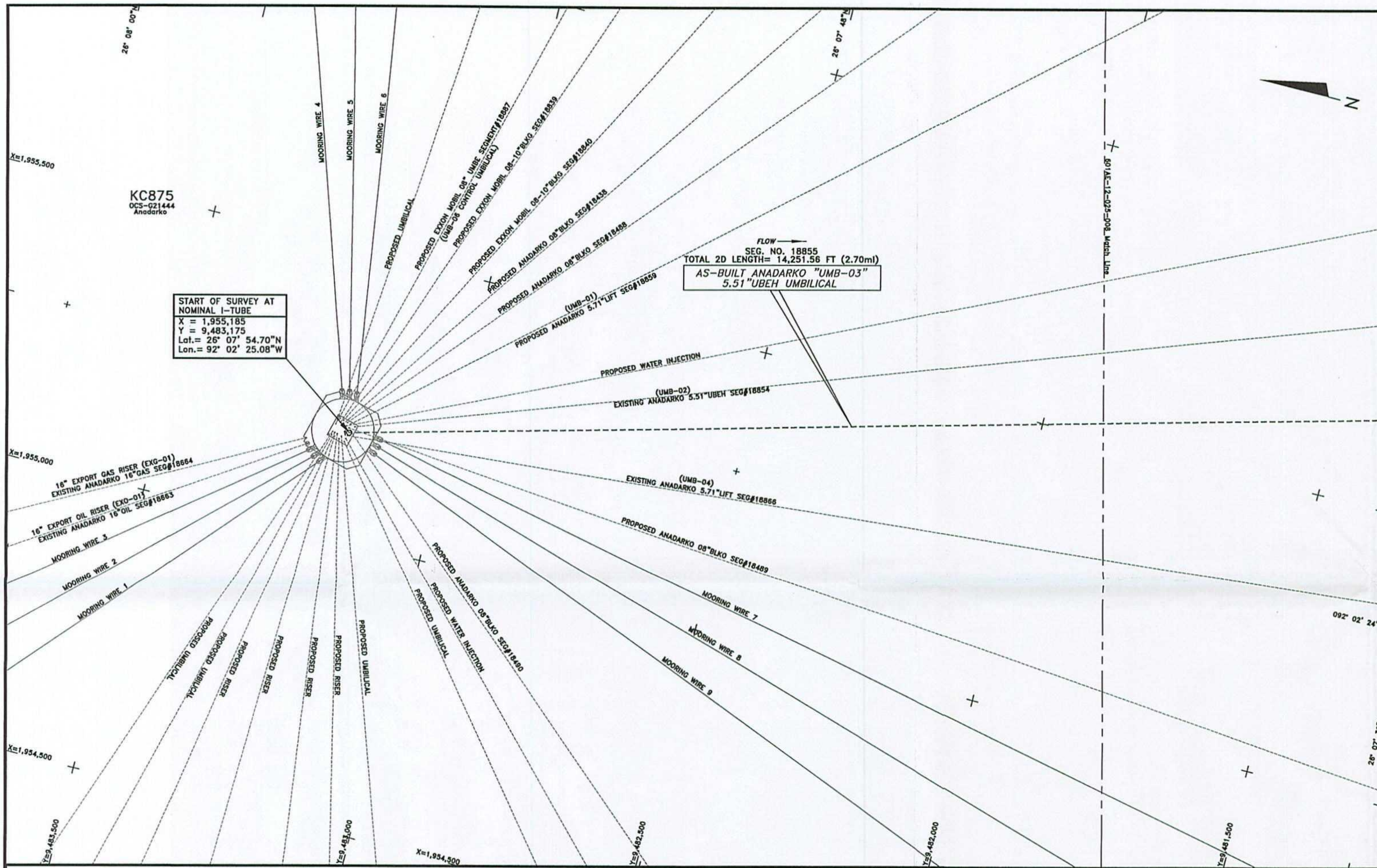


PLAN VIEW



START OF SURVEY AT NOMINAL I-TUBE
 X = 1,955,185
 Y = 9,483,175
 Lat. = 26° 07' 54.70"N
 Lon. = 92° 02' 25.08"W

SEG. NO. 18855
 TOTAL 2D LENGTH = 14,251.56 FT (2.70mi)
 AS-BUILT ANADARKO "UMB-03"
 5.1" UBEH UMBILICAL

AS-BUILT ANADARKO 5.1" UBEH UMBILICAL (UMB-03) SEGMENT#18855

POINT	X-COORDINATE	Y-COORDINATE	DESCRIPTION
1	1,955,185	9,483,175	NOMINAL I-TUBE

NOTES

- 1) UMBILICAL COORDINATES ARE THE POSITIONS OF THE R.O.V. (REMOTELY OPERATED VEHICLE) LOCATED AT THE POINTS USING VERIPOS LD2 ULTRA DGPS RECEIVING SPOTBEAM CORRECTIONS, VERIPOS STANDARD DGPS RECEIVING INMARSAT CORRECTIONS POSITIONING AND SONARDYNE FUSION LBL (LONG BASELINE) ACOUSTIC POSITIONING.
- 2) SURVEYED COORDINATES TRANSFORMED FROM NAD83 (GPS DATUM) NADCON VERSION 2.1.
- 3) THIS DRAWING IS NOT FOR NAVIGATION. PIPELINES AND FEATURES IN THE IMMEDIATE VICINITY ARE OBTAINED FROM BOEM (BUREAU OF OCEAN ENERGY MANAGEMENT) & BSEE (BUREAU OF SAFETY AND ENVIRONMENTAL ENFORCEMENT) DATABASE AND CLIENT PROVIDED DATA.
- 4) AS-BUILT SURVEY DATE: JANUARY 30 & FEBRUARY 16, 17, 2014

LEGEND

- AS-BUILT ANADARKO 5.1" UBEH UMBILICAL (UMB-03) SEG#18855
- CATENARY
- EXISTING PIPELINES/UMBILICALS/FLYING LEADS/JUMPERS
- PROPOSED PIPELINES/UMBILICALS/FLYING LEADS/JUMPERS
- UTEC AS-FOUND/AS-BUILT FLYING LEADS
- MOORING WIRES
- KC875
- LEASE BLOCK BOUNDARIES
- PROPOSED STRUCTURES
- EXISTING STRUCTURES
- UTEC AS-FOUND/AS-BUILT STRUCTURES
- GEOGRAPHICAL TICKS
- UTM TICKS
- WELLS

GEODESY

Survey Datum: NAD 27
 Ellipsoid: Clarke 1866
 Projection: Universal Transverse Mercator ZONE 15N
 Longitude of Central Meridian: 95°W
 False Easting (m): 500 000
 False Northing (m): 0
 Scale Factor of Central Meridian: 0.99980
 Units: US Survey Feet

CERTIFIED CORRECT AS TO THE HORIZONTAL POSITION OF THE AS-BUILT UMBILICAL BASED ON THE SURVEY METHODS NOTED.



Nathan Eby 09/08/14
 NATHAN EBY, R.P.L.S.
 TEXAS REG #6198

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LOCATION PLAN (N.T.S.)

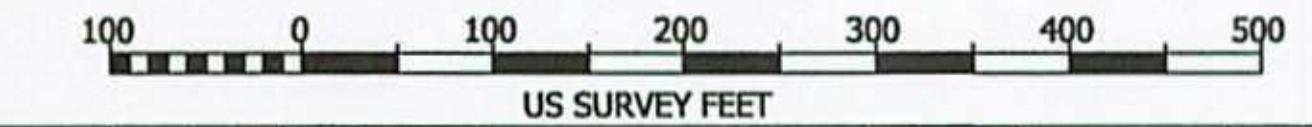


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LUCIUS DEVELOPMENT PROJECT
 AS-BUILT ANADARKO 5.1" UBEH UMBILICAL (UMB-03)

SEGMENT#18855
 KEATHLEY CANYON BLOCK 875
 GULF OF MEXICO

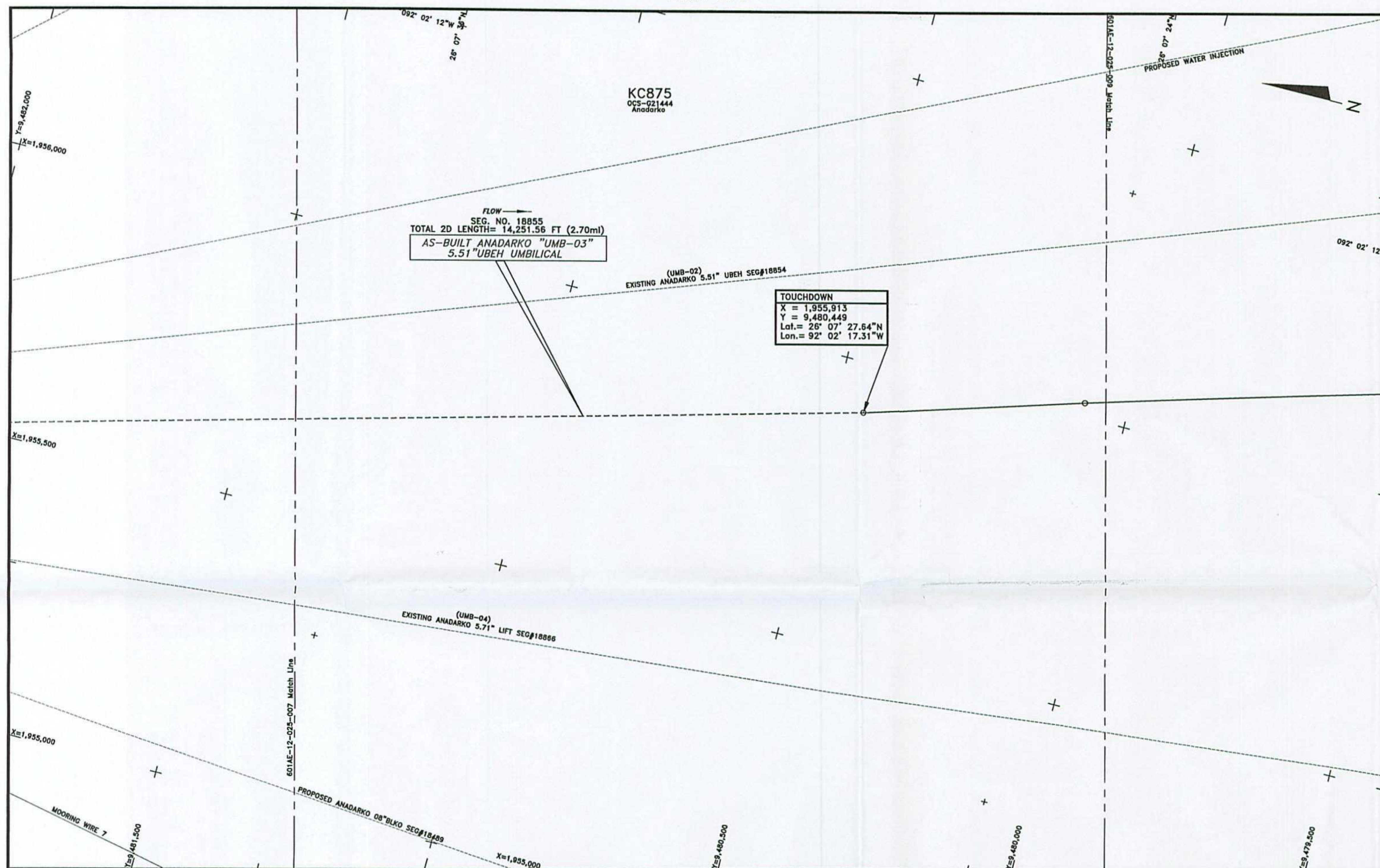
Scale 1" = 100'



Rev. No.	Date	Comment	Interpr.	Checked	Appr.
0	09/08/14	ISSUED AS FINAL	VR	MG	JL
A2	08/14/14	ISSUED FOR CLIENT COMMENTS	VR	MG	JL
A1	07/24/14	ISSUED FOR CLIENT COMMENTS	VR	MG	JL

Survey Dates: JANUARY 30 & FEBRUARY 16, 17, 2014 Survey Vessel: GLOBAL ORION
 UTEC Ref. No. 601AE-12-025 UTEC Drawing No. 601AE-12-025-007 Sheet 001 Of 007
 Plot Size ANSI D

PLAN VIEW



AS-BUILT ANADARKO 5.51" UBEH UMBILICAL (UMB-03) SEGMENT#18855

POINT	X-COORDINATE	Y-COORDINATE	DESCRIPTION
2	1,955,913	9,480,449	TOUCHDOWN
3	1,956,025	9,480,077	ROV FIX

NOTES

- 1) UMBILICAL COORDINATES ARE THE POSITIONS OF THE R.O.V. (REMOTELY OPERATED VEHICLE) LOCATED AT THE POINTS USING VERIPOS LD2 ULTRA DGPS RECEIVING SPOTBEAM CORRECTIONS, VERIPOS STANDARD DGPS RECEIVING INMARSAT CORRECTIONS POSITIONING AND SONARBYNE FUSION LBL (LONG BASELINE) ACOUSTIC POSITIONING.
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- 4) AS-BUILT SURVEY DATE: JANUARY 30 & FEBRUARY 16, 2014

LEGEND

- AS-BUILT ANADARKO 5.51" UBEH UMBILICAL (UMB-03) SEG#18855
- - - CATENARY
- - - EXISTING PIPELINES/UMBILICALS/FLYING LEADS/JUMPERS
- - - PROPOSED PIPELINES/UMBILICALS/FLYING LEADS/JUMPERS
- - - UTEC AS-LAID FLYING LEADS
- - - MOORING WIRES
- KC875 --- LEASE BLOCK BOUNDARIES
- PROPOSED STRUCTURES
- EXISTING STRUCTURES
- UTEC AS-FOUND/AS-BUILT STRUCTURES
- + GEOGRAPHICAL TICKS
- + UTM TICKS
- o WELLS

GEODESY

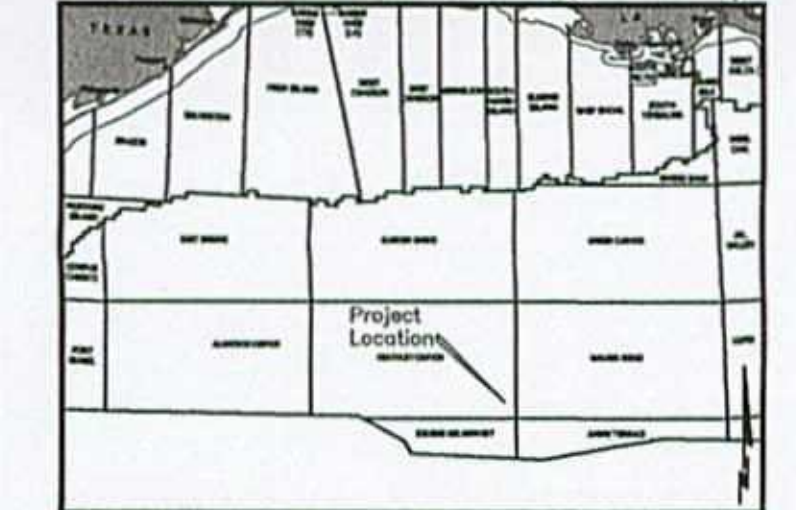
Survey Datum: NAD 27
 Ellipsoid: Clarke 1866
 Projection: Universal Transverse Mercator ZONE 15N
 Longitude of Central Meridian: 93°W
 False Easting (m): 500 000
 False Northing (m): 0
 Scale Factor of Central Meridian: 0.99960
 Units: US Survey Feet

CERTIFIED CORRECT AS TO THE HORIZONTAL POSITION OF THE AS-BUILT UMBILICAL BASED ON THE SURVEY METHODS NOTED.



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LOCATION PLAN (N.T.S)



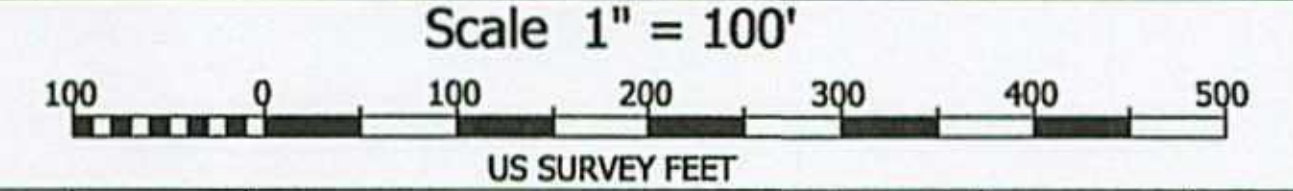
Anadarko
 Petroleum Corporation

Technip
 TECHNIP USA, Inc.

UTEC

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 Fax 713-984-8683
 Website www.utecsurvey.com

LUCIUS DEVELOPMENT PROJECT
 AS-BUILT ANADARKO 5.51" UBEH UMBILICAL (UMB-03)
 SEGMENT#18855
 KEATHLEY CANYON BLOCK 875
 GULF OF MEXICO



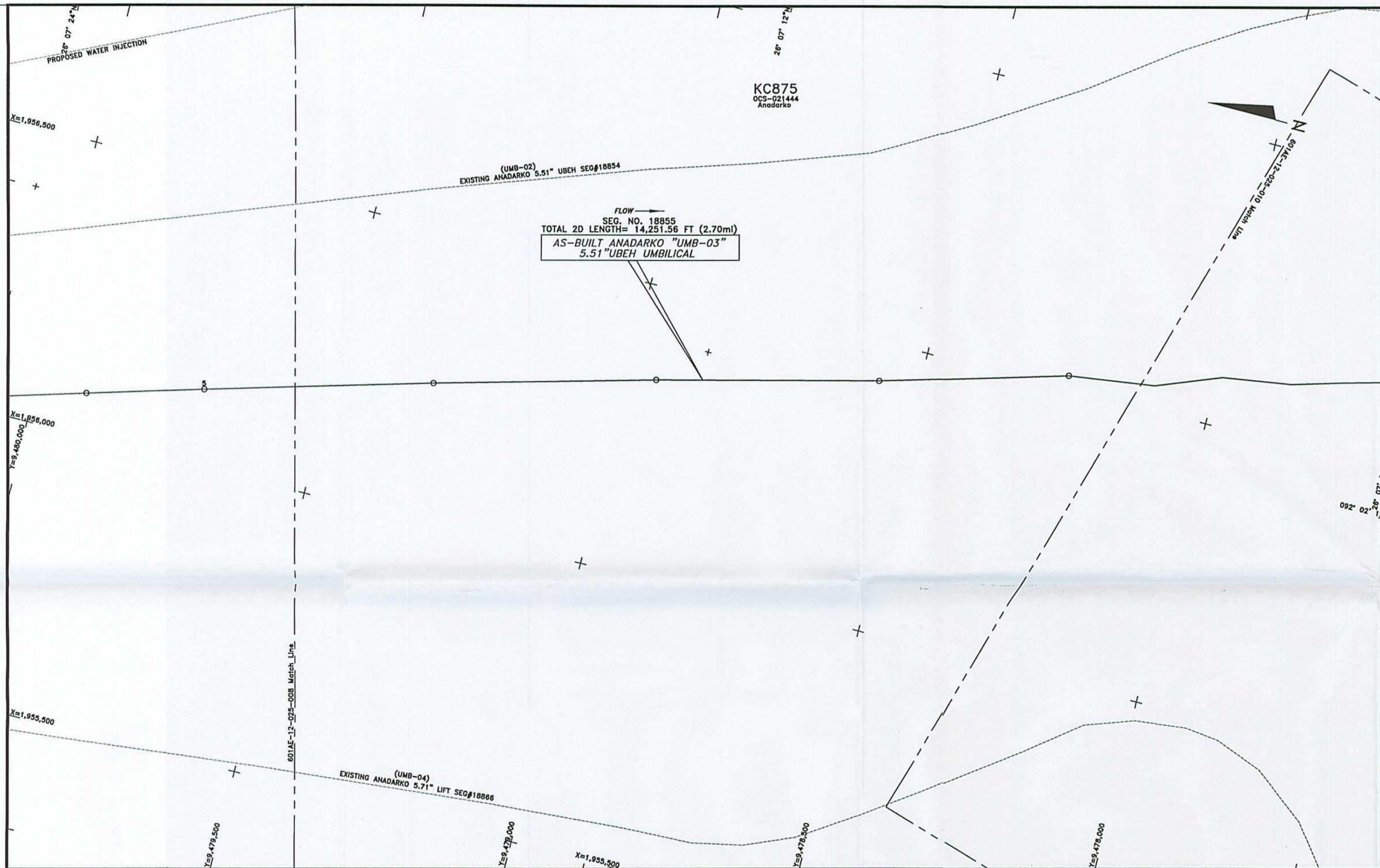
Rev. No.	Date	Comment	Interpr.	Checked	Appr.
0	09/08/14	ISSUED AS FINAL	VR	MG	JL
A2	08/14/14	ISSUED FOR CLIENT COMMENTS	VR	MG	JL
A1	07/24/14	ISSUED FOR CLIENT COMMENTS	VR	MG	JL

Survey Dates: JANUARY 30 & FEBRUARY 16, 2014 | Survey Vessel: GLOBAL ORION

UTEC Ref. No. 601AE-12-025 | UTEC Drawing No. 601AE-12-025-008 | Sheet 002 Of 007

Plot Size ANSI D

PLAN VIEW



FLOW →
 SEG. NO. 18855
 TOTAL 2D LENGTH= 14,251.56 FT (2.70mi)
AS-BUILT ANADARKO "UMB-03"
5.51" UBEH UMBILICAL

AS-BUILT ANADARKO 5.51" UBEH UMBILICAL (UMB-03) SEGMENT #18855

POINT	X-COORDINATE	Y-COORDINATE	DESCRIPTION
4	1,956,073	9,479,911	START OF MUD ANCHOR SECTION
5	1,956,130	9,479,714	END OF MUD ANCHOR SECTION
6	1,956,239	9,479,327	ROV FIX
7	1,956,340	9,478,950	ROV FIX
8	1,956,433	9,478,571	ROV FIX
9	1,956,522	9,478,253	ROV FIX

NOTES

- 1) UMBILICAL COORDINATES ARE THE POSITIONS OF THE R.O.V. (REMOTELY OPERATED VEHICLE) LOCATED AT THE POINTS USING VERIPOS LD2 ULTRA DGPS RECEIVING SPOTBEAM CORRECTIONS, VERIPOS STANDARD DGPS RECEIVING INMARSAT CORRECTIONS POSITIONING AND SONARDYNE FUSION LBL (LONG BASELINE) ACOUSTIC POSITIONING.
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- 4) AS-BUILT SURVEY DATE: JANUARY 30 & FEBRUARY 16, 17, 2014

LEGEND

- AS-BUILT ANADARKO 5.51" UBEH UMBILICAL (UMB-03) SEG#18855
- - - CATENARY
- - - EXISTING PIPELINES/UMBILICALS/FLYING LEADS/JUMPERS
- - - PROPOSED PIPELINES/UMBILICALS/FLYING LEADS/JUMPERS
- - - UTEC AS-FOUND/AS-BUILT STRUCTURES
- - - MOORING WIRES
- KC875 --- LEASE BLOCK BOUNDARIES
- ▣ PROPOSED STRUCTURES
- ▣ EXISTING STRUCTURES
- ▣ UTEC AS-FOUND/AS-BUILT STRUCTURES
- + GEOGRAPHICAL TICKS
- + UTM TICKS
- o WELLS

GEODESY

Survey Datum: NAD 27
 Ellipsoid: Clarke 1866
 Projection: Universal Transverse Mercator ZONE 15N
 Longitude of Central Meridian: 93°W
 False Easting (m): 500 000
 False Northing (m): 0
 Scale Factor at Central Meridian: 0.99960
 Units: US Survey Feet

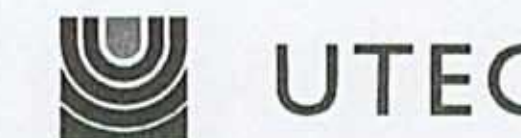
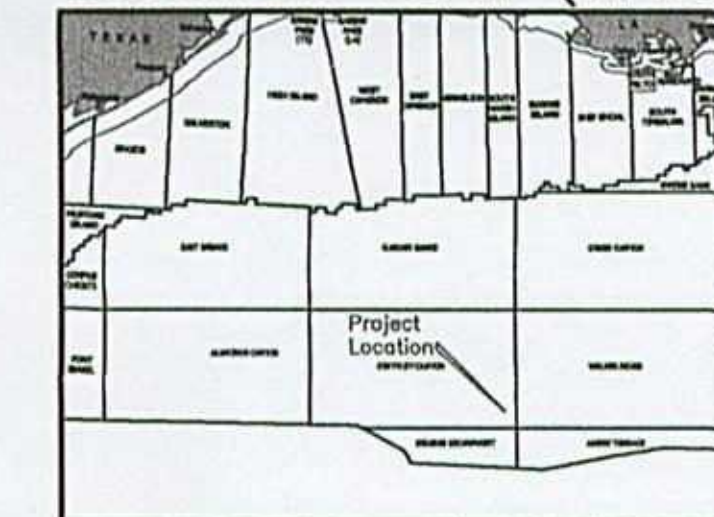
CERTIFIED CORRECT AS TO THE HORIZONTAL POSITION OF THE AS-BUILT UMBILICAL BASED ON THE SURVEY METHODS NOTED.



Nathan Eby, R.P.L.S.
 TEXAS REG #6198

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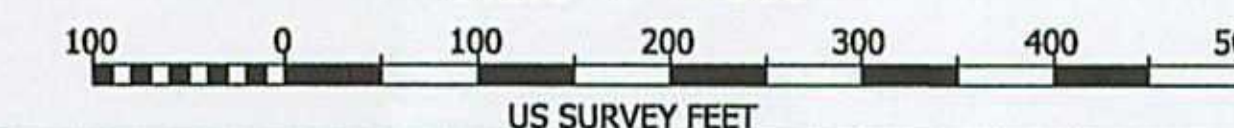
LOCATION PLAN (N.T.S)



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 Website www.utecsurvey.com

LUCIUS DEVELOPMENT PROJECT
AS-BUILT ANADARKO 5.51" UBEH UMBILICAL (UMB-03)
SEGMENT #18855
KEATHLEY CANYON BLOCK 875
GULF OF MEXICO

Scale 1" = 100'

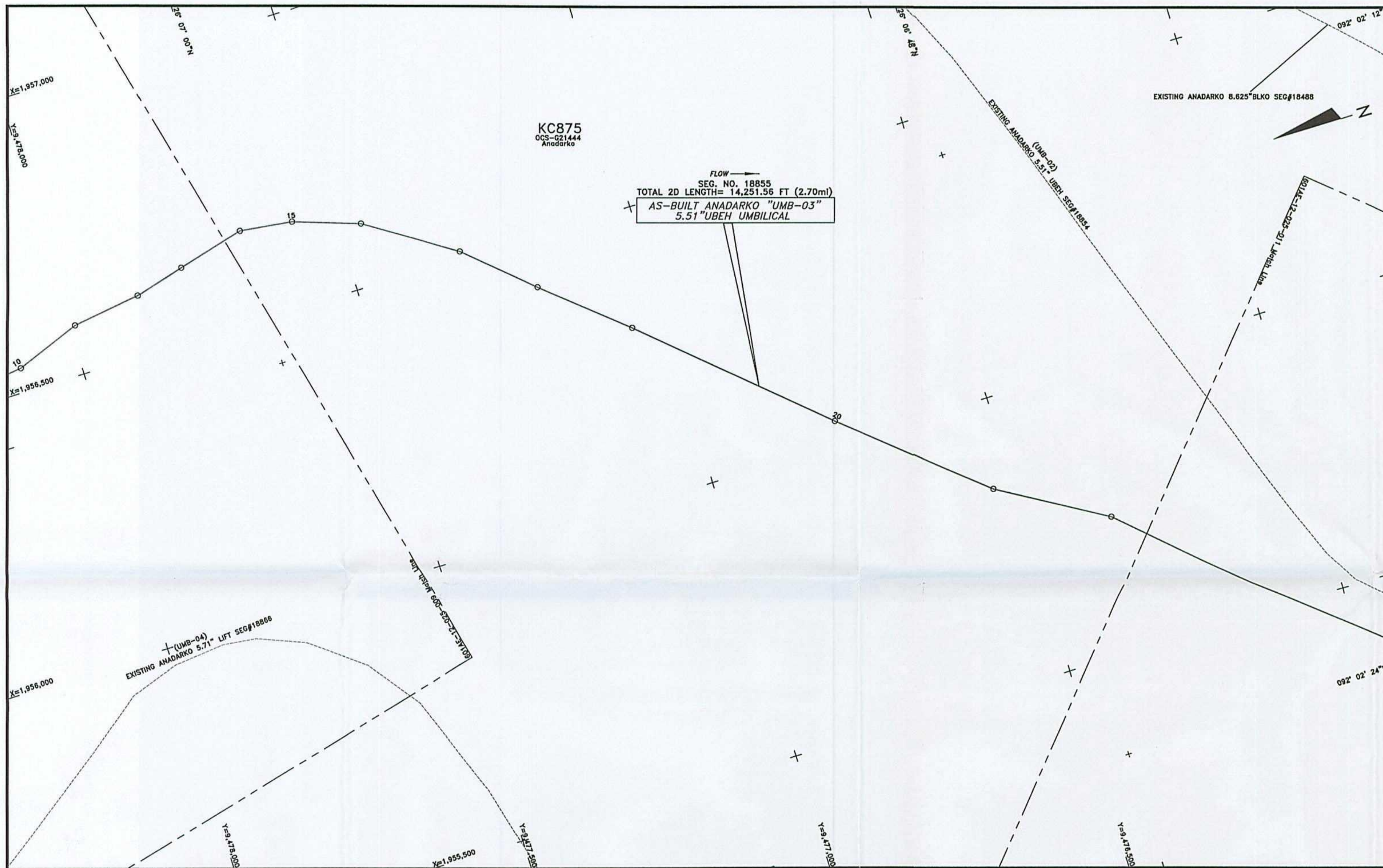


Rev. No.	Date	Comment	Interpr.	Checked	Appr.
0	09/08/14	ISSUED AS FINAL	VR	MG	JL
A2	08/14/14	ISSUED FOR CLIENT COMMENTS	VR	MG	JL
A1	07/24/14	ISSUED FOR CLIENT COMMENTS	VR	MG	JL

Survey Dates: JANUARY 30 & FEBRUARY 16, 17, 2014 | Survey Vessel: GLOBAL ORION

UTEC Ref. No. 601AE-12-025	UTEC Drawing No. 601AE-12-025-009	Sheet 003	Of 007
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PLAN VIEW



AS-BUILT ANADARKO 5.51" UBEH UMBILICAL (UMB-03) SEGMENT#18855

POINT	X-COORDINATE	Y-COORDINATE	DESCRIPTION
10	1,956,542	9,478,103	ROV FIX
11	1,956,585	9,477,991	ROV FIX
12	1,956,603	9,477,871	ROV FIX
13	1,956,628	9,477,785	ROV FIX
14	1,956,658	9,477,667	ROV FIX
15	1,956,647	9,477,575	ROV FIX
16	1,956,609	9,477,460	ROV FIX
17	1,956,512	9,477,308	ROV FIX
18	1,956,413	9,477,195	ROV FIX
19	1,956,297	9,477,057	ROV FIX
20	1,956,039	9,476,765	ROV FIX
21	1,955,846	9,476,535	ROV FIX
22	1,955,739	9,476,351	ROV FIX

NOTES

- 1) UMBILICAL COORDINATES ARE THE POSITIONS OF THE R.O.V. (REMOTELY OPERATED VEHICLE) LOCATED AT THE POINTS USING VERIPOS LD2 ULTRA DGPS RECEIVING SPOTBEAM CORRECTIONS, VERIPOS STANDARD DGPS RECEIVING INMARSAT CORRECTIONS POSITIONING AND SONARDYNE FUSION LBL (LONG BASELINE) ACOUSTIC POSITIONING.
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- 4) AS-BUILT SURVEY DATE: JANUARY 30 & FEBRUARY 16, 17, 2014

LEGEND

- AS-BUILT ANADARKO 5.51" UBEH UMBILICAL (UMB-03) SEG#18855
- CATENARY
- EXISTING PIPELINES/UMBILICALS/FLYING LEADS/JUMPERS
- PROPOSED PIPELINES/UMBILICALS/FLYING LEADS/JUMPERS
- UTEC AS-LAID FLYING LEADS
- MOORING WIRES
- LEASE BLOCK BOUNDARIES
- PROPOSED STRUCTURES
- EXISTING STRUCTURES
- UTEC AS-FOUND/AS-BUILT STRUCTURES
- GEOGRAPHICAL TICKS
- UTM TICKS
- WELLS

GEODESY

Survey Datum: NAD 27
 Ellipsoid: Clarke 1866
 Projection: Universal Transverse Mercator ZONE 15N
 Longitude of Central Meridian: 93°W
 False Easting (m): 500 000
 False Northing (m): 0
 Scale Factor at Central Meridian: 0.99960
 Units: US Survey Feet

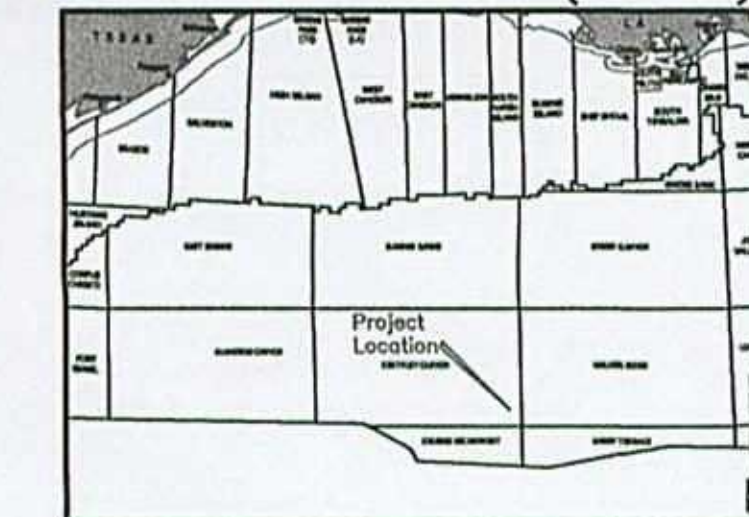
CERTIFIED CORRECT AS TO THE HORIZONTAL POSITION OF THE AS-BUILT UMBILICAL BASED ON THE SURVEY METHODS NOTED.



Nathan Eby, R.P.L.S.
 TEXAS REG #6198

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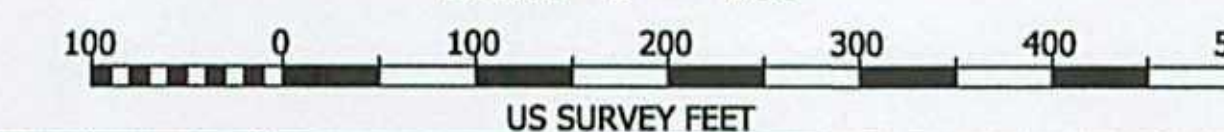
LOCATION PLAN (N.T.S)



7240 BRITTMOORE RD. SUITE 110
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 Website www.utecsurgery.com

LUCIUS DEVELOPMENT PROJECT
 AS-BUILT ANADARKO 5.51" UBEH UMBILICAL (UMB-03)
 SEGMENT#18855
 KEATHLEY CANYON BLOCK 875
 GULF OF MEXICO

Scale 1" = 100'

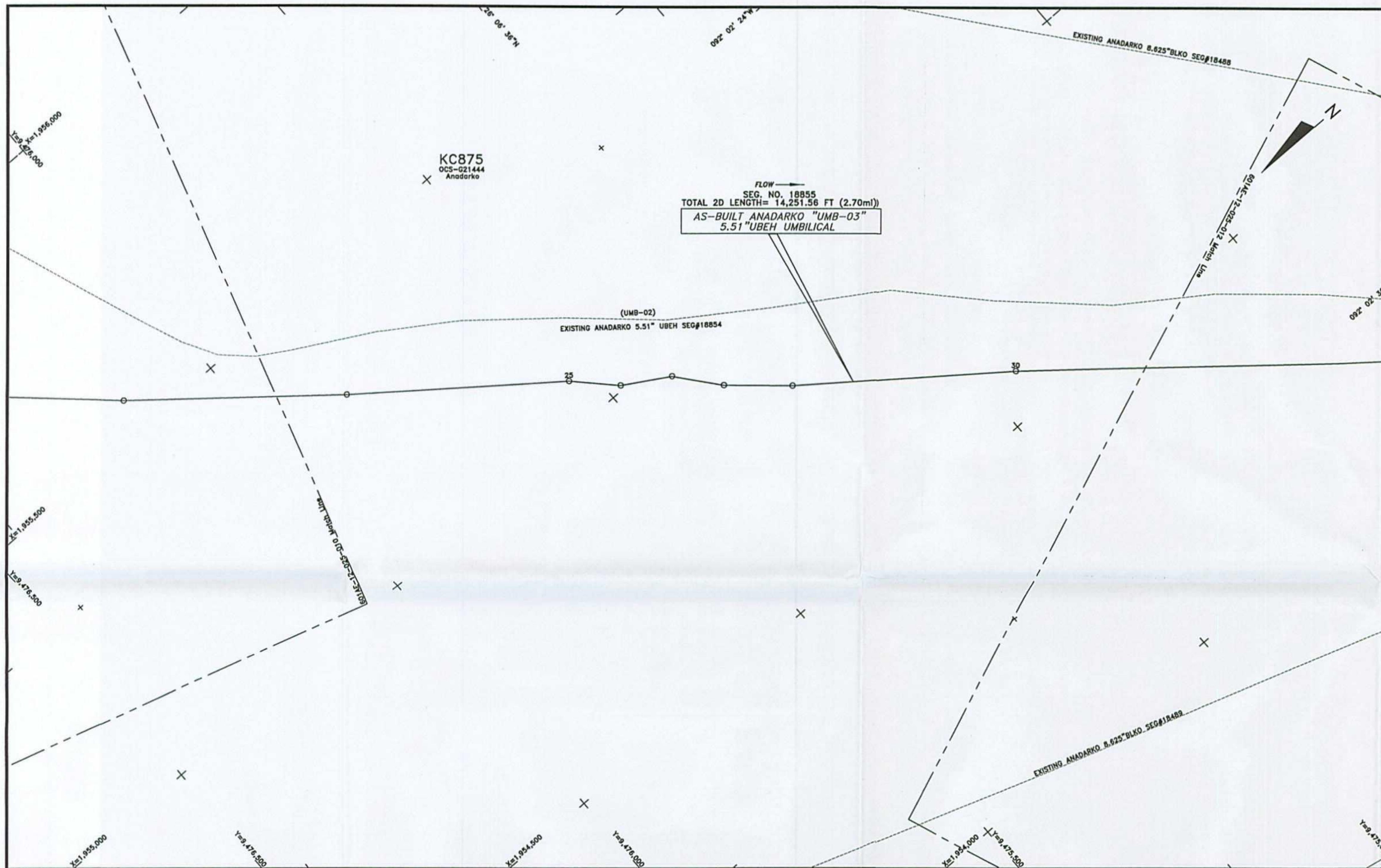


Rev. No.	Date	Comment	Interpr.	Checked	Appr.
0	09/08/14	ISSUED AS FINAL	VR	MG	JL
A2	08/14/14	ISSUED FOR CLIENT COMMENTS	VR	MG	JL
A1	07/24/14	ISSUED FOR CLIENT COMMENTS	VR	MG	JL

Survey Dates: JANUARY 30 & FEBRUARY 16, 17, 2014 Survey Vessel: GLOBAL ORION

UTEC Ref. No. 601AE-12-025	UTEC Drawing No. 601AE-12-025- 010	Sheet 004	Of 007
Plot Size ANSI D			

PLAN VIEW



FLOW →
 SEG. NO. 18855
 TOTAL 2D LENGTH= 14,251.56 FT (2.70mi)
 AS-BUILT ANADARKO "UMB-03"
 5.51"UBEH UMBILICAL

AS-BUILT ANADARKO 5.51" UBEH UMBILICAL (UMB-03) SEGMENT#18855

POINT	X-COORDINATE	Y-COORDINATE	DESCRIPTION
23	1,955,557	9,476,151	ROV FIX
24	1,955,310	9,475,849	ROV FIX
25	1,955,073	9,475,539	ROV FIX
26	1,955,008	9,475,476	ROV FIX
27	1,954,961	9,475,398	ROV FIX
28	1,954,890	9,475,340	ROV FIX
29	1,954,811	9,475,250	ROV FIX
30	1,954,575	9,474,939	ROV FIX

NOTES

- 1) UMBILICAL COORDINATES ARE THE POSITIONS OF THE R.O.V. (REMOTELY OPERATED VEHICLE) LOCATED AT THE POINTS USING VERIPPOS LD2 ULTRA DGPS RECEIVING SPOTBEAM CORRECTIONS, VERIPPOS STANDARD DGPS RECEIVING INMARSAT CORRECTIONS POSITIONING AND SONARDYNE FUSION LBL (LONG BASELINE) ACOUSTIC POSITIONING.
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- 4) AS-BUILT SURVEY DATE: JANUARY 30 & FEBRUARY 16, 2014

LEGEND

- AS-BUILT ANADARKO 5.51" UBEH UMBILICAL (UMB-03) SEG#18855
- - - CATENARY
- - - EXISTING PIPELINES/UMBILICALS/FLYING LEADS/JUMPERS
- - - PROPOSED PIPELINES/UMBILICALS/FLYING LEADS/JUMPERS
- - - UTEC AS-LAID FLYING LEADS
- - - MOORING WIRES
- KC875 LEASE BLOCK BOUNDARIES
- PROPOSED STRUCTURES
- EXISTING STRUCTURES
- UTEC AS-FOUND/AS-BUILT STRUCTURES
- + GEOGRAPHICAL TICKS
- + UTM TICKS
- o WELLS

GEODESY

Survey Datum: NAD 27
 Ellipsoid: Clarke 1866
 Projection: Universal Transverse Mercator ZONE 15N
 Longitude of Central Meridian: 93°W
 False Easting (m): 500 000
 False Northing (m): 0
 Scale Factor at Central Meridian: 0.99960
 Units: US Survey Feet

CERTIFIED CORRECT AS TO THE HORIZONTAL POSITION OF THE AS-BUILT UMBILICAL BASED ON THE SURVEY METHODS NOTED.



Nathan Eby 09/08/14
 NATHAN EBY, R.P.L.S.
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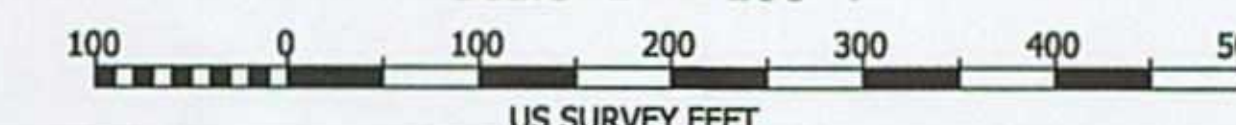
LOCATION PLAN (N.T.S)



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LUCIUS DEVELOPMENT PROJECT
 AS-BUILT ANADARKO 5.51" UBEH UMBILICAL (UMB-03)
 SEGMENT#18855
 KEATHLEY CANYON BLOCK 875
 GULF OF MEXICO

Scale 1" = 100'

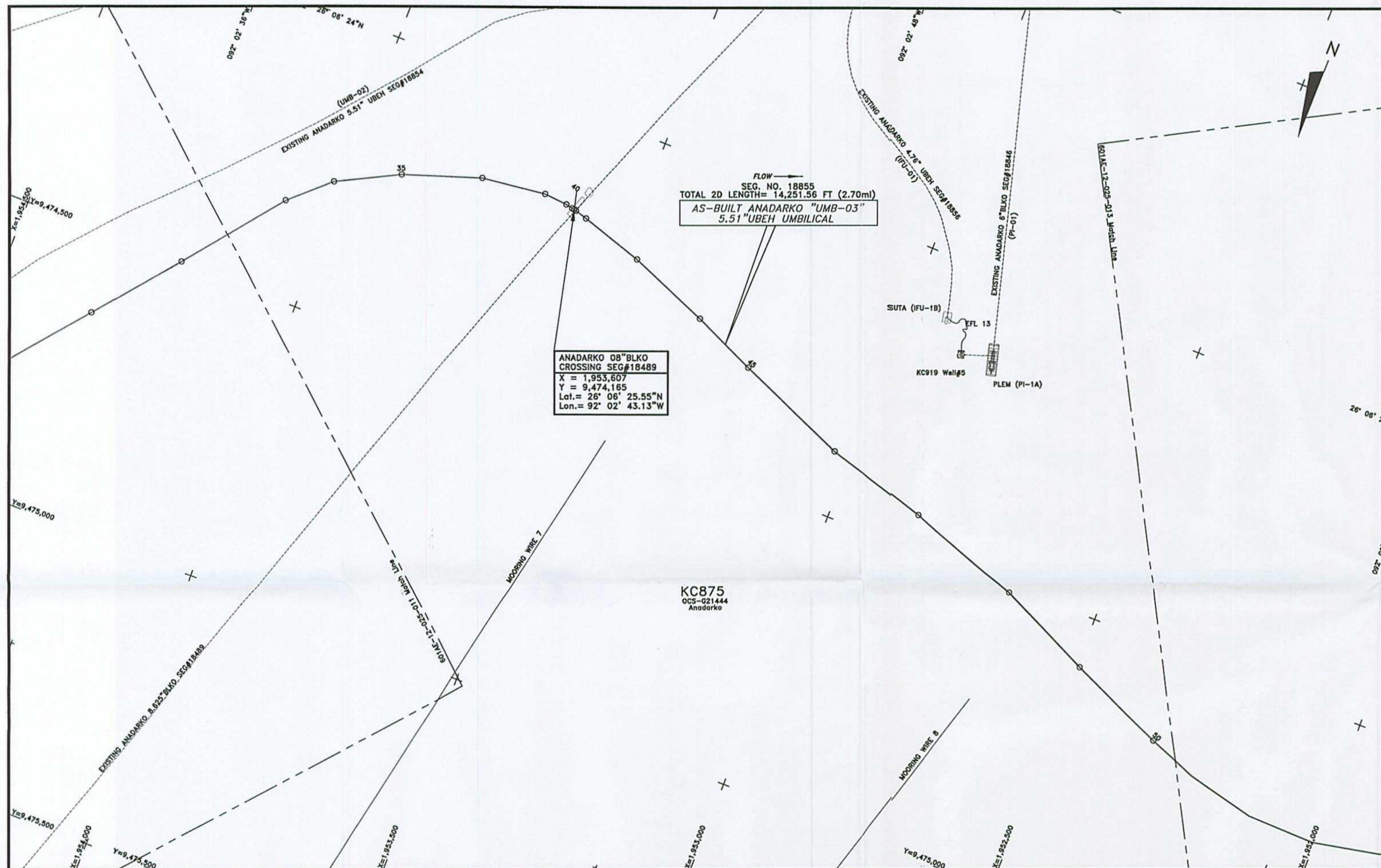


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A2	08/14/14	ISSUED FOR CLIENT COMMENTS	VR	MG	JL
A1	07/24/14	ISSUED FOR CLIENT COMMENTS	VR	MG	JL

Survey Dates: JANUARY 30 & FEBRUARY 16, 2014 Survey Vessel: GLOBAL ORION

UTEC Ref. No. 601AE-12-025	UTEC Drawing No. 601AE-12-025- 011	Sheet 005	Of 007
Plot Size ANSI D			

PLAN VIEW



AS-BUILT ANADARKO 5.51" UBEH UMBILICAL (UMB-03) SEGMENT#18855

POINT	X-COORDINATE	Y-COORDINATE	DESCRIPTION
31	1,954,327	9,474,638	ROV FIX
32	1,954,213	9,474,499	ROV FIX
33	1,954,083	9,474,334	ROV FIX
34	1,954,016	9,474,273	ROV FIX
35	1,953,910	9,474,218	ROV FIX
36	1,953,776	9,474,172	ROV FIX
37	1,953,664	9,474,158	ROV FIX
38	1,953,622	9,474,161	START OF SPAN
39	1,953,611	9,474,164	START OF MATTRESS
40	1,953,607	9,474,165	SPAN TOUCHDOWN/ANADARKO 08 BLKO CROSSING SEG#18489
41	1,953,603	9,474,166	END OF MATTRESS
42	1,953,582	9,474,172	END OF SPAN
43	1,953,473	9,474,205	ROV FIX
44	1,953,333	9,474,261	ROV FIX
45	1,953,224	9,474,310	ROV FIX
46	1,953,030	9,474,390	ROV FIX
47	1,952,855	9,474,439	ROV FIX
48	1,952,657	9,474,510	ROV FIX
49	1,952,494	9,474,587	ROV FIX
50	1,952,329	9,474,658	ROV FIX

NOTES

- 1) UMBILICAL COORDINATES ARE THE POSITIONS OF THE R.O.V. (REMOTELY OPERATED VEHICLE) LOCATED AT THE POINTS USING VERIPDS LD2 ULTRA DGPS RECEIVING SPOTBEAM CORRECTIONS, VERIPDS STANDARD DGPS RECEIVING INMARSAT CORRECTIONS POSITIONING AND SONARDYNE FUSION LBL (LONG BASELINE) ACOUSTIC POSITIONING.
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- 4) AS-BUILT SURVEY DATE: JANUARY 30 & FEBRUARY 16, 2014

LEGEND

- AS-BUILT ANADARKO 5.51" UBEH UMBILICAL (UMB-03) SEG#18855
- - - CATENARY
- - - EXISTING PIPELINES/UMBILICALS/FLYING LEADS/JUMPERS
- - - PROPOSED PIPELINES/UMBILICALS/FLYING LEADS/JUMPERS
- - - UTEC AS-LAID FLYING LEADS
- - - MOORING WIRES
- KC875 LEASE BLOCK BOUNDARIES
- PROPOSED STRUCTURES
- EXISTING STRUCTURES
- UTEC AS-FOUND/AS-BUILT STRUCTURES
- + GEOGRAPHICAL TICKS
- + UTM TICKS
- o WELLS

GEODESY

Survey Datum: NAD 27
 Ellipsoid: Clarke 1885
 Projection: Universal Transverse Mercator ZONE 15N
 Longitude of Central Meridian: 93°W
 False Easting (m): 500 000
 False Northing (m): 0
 Scale Factor at Central Meridian: 0.99960
 Units: US Survey Feet

CERTIFIED CORRECT AS TO THE HORIZONTAL POSITION OF THE AS-BUILT UMBILICAL BASED ON THE SURVEY METHODS NOTED.



Nathan J. Eby
 NATHAN EBY, R.P.L.S.
 TEXAS REG #6198

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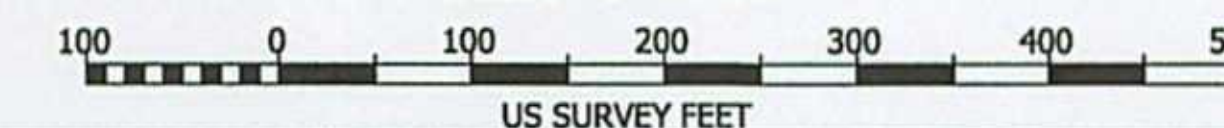
LOCATION PLAN (N.T.S)



7240 BRITTMOORE RD. SUITE 110
 HOUSTON, TEXAS 77041
 Tel 713-984-8688
 Fax 713-984-8683
 Website www.utecsurvey.com

LUCIUS DEVELOPMENT PROJECT
 AS-BUILT ANADARKO 5.51" UBEH UMBILICAL (UMB-03)
 SEGMENT#18855
 KEATHLEY CANYON BLOCK 875
 GULF OF MEXICO

Scale 1" = 100'

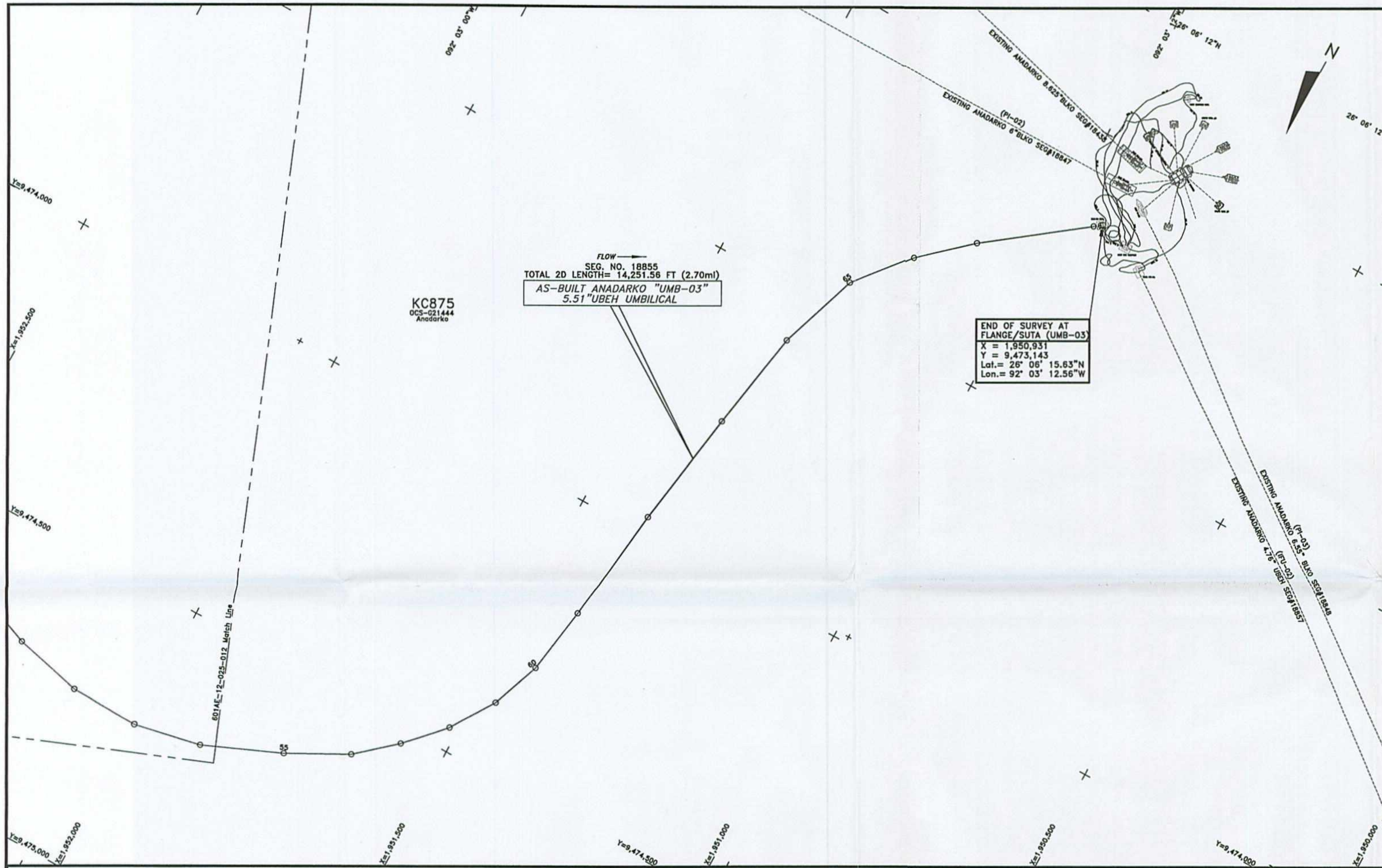


Rev. No.	Date	Comment	Interpr.	Checked	Appr.
0	09/08/14	ISSUED AS FINAL	VR	MG	JL
A2	08/14/14	ISSUED FOR CLIENT COMMENTS	VR	MG	JL
A1	07/24/14	ISSUED FOR CLIENT COMMENTS	VR	MG	JL

Survey Dates: JANUARY 30 & FEBRUARY 16, 2014 Survey Vessel: GLOBAL ORION

UTEC Ref. No. 601AE-12-025	UTEC Drawing No. 601AE-12-025-012	Sheet 006	Of 007
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PLAN VIEW



SEG. NO. 18855
 TOTAL 2D LENGTH= 14,251.56 FT (2.70mi)
 AS-BUILT ANADARKO "UMB-03"
 5.51"UBEH UMBILICAL

END OF SURVEY AT
 FLANGE/SUTA (UMB-03)
 X = 1,950,931
 Y = 9,473,143
 Lat.= 28° 06' 15.63"N
 Lon.= 92° 03' 12.56"W

AS-BUILT ANADARKO 5.51" UBEH UMBILICAL (UMB-03) SEGMENT#18855

POINT	X-COORDINATE	Y-COORDINATE	DESCRIPTION
51	1,952,245	9,474,690	ROV FIX
52	1,952,125	9,474,718	ROV FIX
53	1,952,003	9,474,720	ROV FIX
54	1,951,886	9,474,697	ROV FIX
55	1,951,750	9,474,639	ROV FIX
56	1,951,645	9,474,584	ROV FIX
57	1,951,577	9,474,526	ROV FIX
58	1,951,515	9,474,460	ROV FIX
59	1,951,464	9,474,384	ROV FIX
60	1,951,432	9,474,298	ROV FIX
61	1,951,413	9,474,179	ROV FIX
62	1,951,387	9,473,970	ROV FIX
63	1,951,353	9,473,763	ROV FIX
64	1,951,321	9,473,586	ROV FIX
65	1,951,272	9,473,445	ROV FIX
66	1,951,196	9,473,353	ROV FIX
67	1,951,110	9,473,277	ROV FIX
68	1,950,944	9,473,153	START OF BEND RESTRICTOR
69	1,950,934	9,473,145	END OF BEND RESTRICTOR
70	1,950,931	9,473,143	FLANGE/SUTA (UMB-03)

2D LENGTH OF SURVEY POINTS 2 THROUGH 70:
 11,430.00' = 2.16 MILES

NOTES

- 1) UMBILICAL COORDINATES ARE THE POSITIONS OF THE R.O.V. (REMOPLY OPERATED VEHICLE) LOCATED AT THE POINTS USING VERIPOS LD2 ULTRA DGPS RECEIVING SPOTBEAM CORRECTIONS, VERIPOS STANDARD DGPS RECEIVING INMARSAT CORRECTIONS POSITIONING AND SONAR/DYNE FUSION LBL (LONG BASELINE) ACOUSTIC POSITIONING.
- 2) SURVEYED COORDINATES TRANSFORMED FROM NAD83 (GPS DATUM) NADCON VERSION 2.1.
- 3) THIS DRAWING IS NOT FOR NAVIGATION. PIPELINES AND FEATURES IN THE IMMEDIATE VICINITY ARE OBTAINED FROM BOEM (BUREAU OF OCEAN ENERGY MANAGEMENT) & BSEE (BUREAU OF SAFETY AND ENVIRONMENTAL ENFORCEMENT) DATABASE AND CLIENT PROVIDED DATA.
- 4) AS-BUILT SURVEY DATE: JANUARY 30 & FEBRUARY 16, 17, 2014

LEGEND

- AS-BUILT ANADARKO 5.51" UBEH UMBILICAL (UMB-03) SEG#18855
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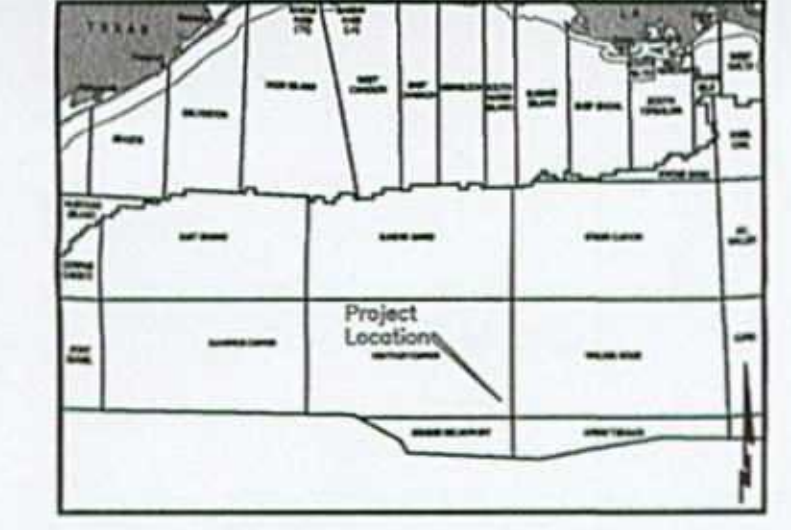
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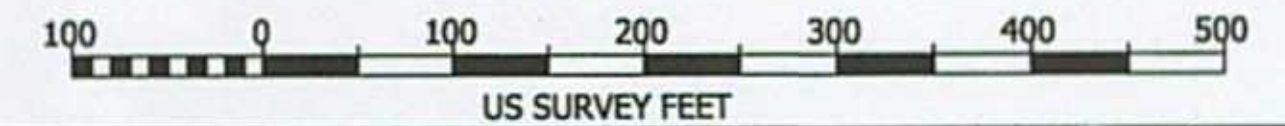
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Survey Dates: JANUARY 30 & FEBRUARY 16, 17, 2014 | Survey Vessel: GLOBAL ORION

UTEC Ref. No. 601AE-12-025	UTEC Drawing No. 601AE-12-025-013	Sheet 007	Of 007
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