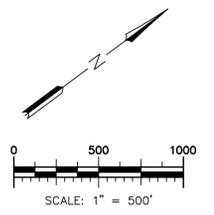


**CORNER DESCRIPTIONS**

1	FOUND BRASS DISC IN CONCRETE
2	FOUND 1/2" STEEL ROD IN CONCRETE
3	FOUND 1/2" STEEL ROD CAPPED "SOUTEX"
4	FOUND 1/2" STEEL ROD CAPPED "FAUST"
5	FOUND 1/2" STEEL ROD CAPPED "WORTECH"
6	FOUND 1/2" STEEL ROD
7	FOUND 5/8" STEEL ROD IN CONCRETE
8	FOUND 1/2" STEEL PIPE
9	POINT FOR CORNER
10	FOUND 3" STEEL PIPE IN CONCRETE
11	SET BRASS DISC IN CONCRETE
12	FOUND ALUMINUM DISC IN CONCRETE
13	FOUND P.K. NAIL



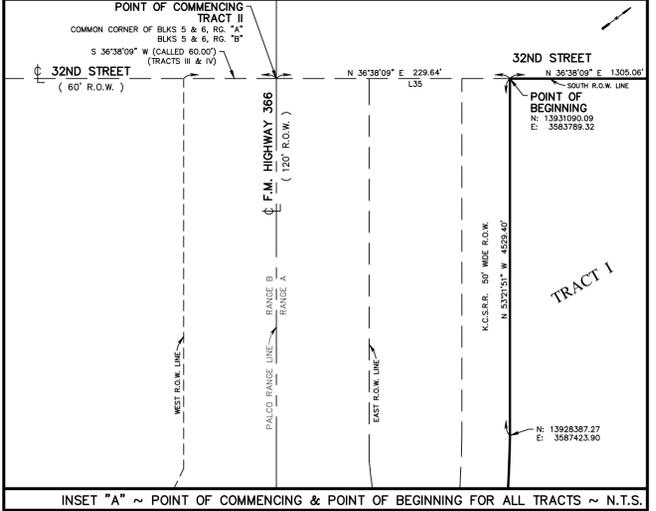
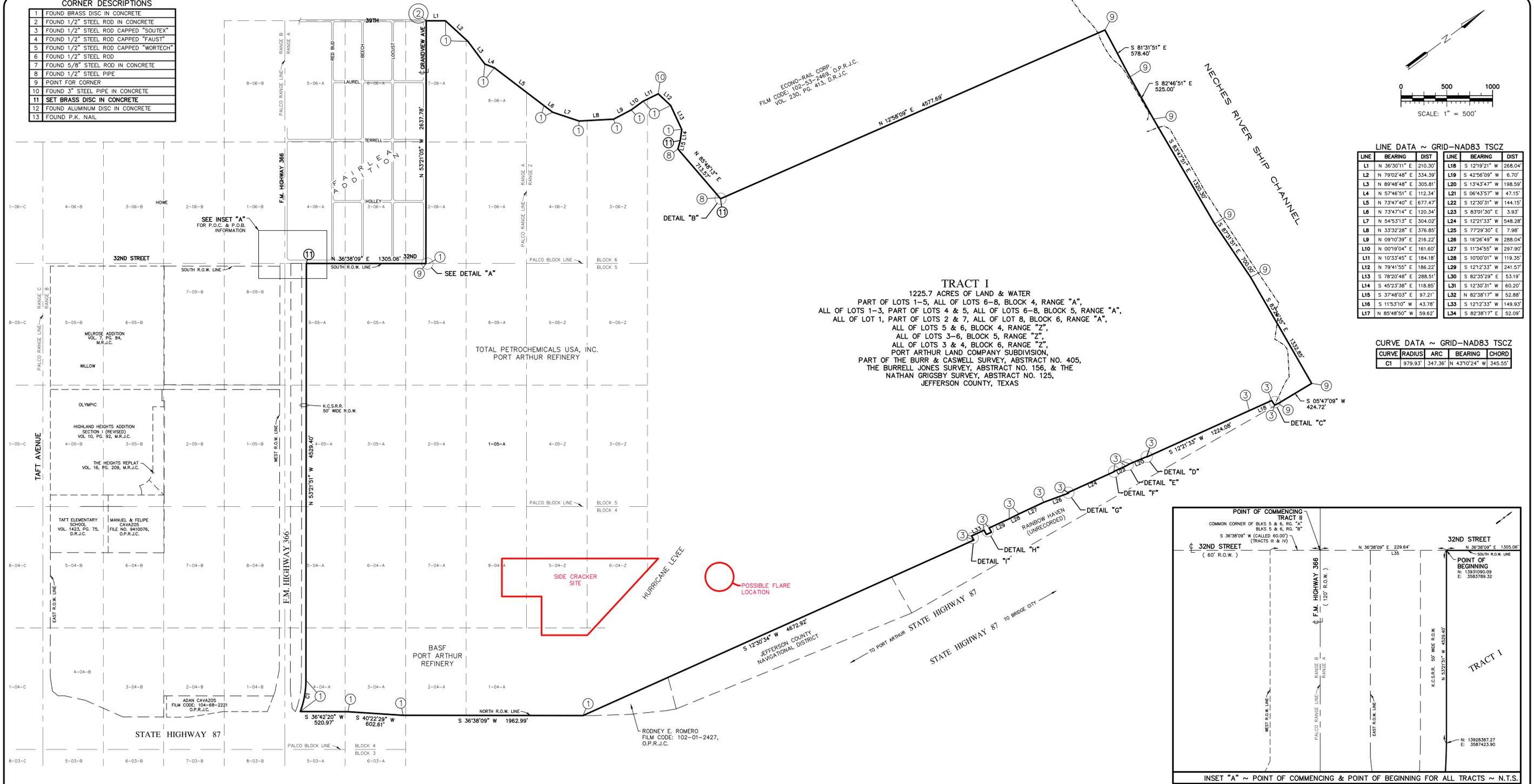
**LINE DATA ~ GRID-NAD83 TSCZ**

LINE	BEARING	DIST	LINE	BEARING	DIST
L1	N 36°30'11" E	210.30'	L18	S 12°19'21" W	268.04'
L2	N 79°02'48" E	334.39'	L19	S 42°56'09" W	6.70'
L3	N 89°48'48" E	305.81'	L20	S 13°43'47" W	198.59'
L4	N 57°46'51" E	112.34'	L21	S 06°43'57" W	47.15'
L5	N 73°47'40" E	677.47'	L22	S 12°30'31" W	144.15'
L6	N 73°47'14" E	120.34'	L23	S 83°01'30" E	3.93'
L7	N 54°53'13" E	304.02'	L24	S 12°21'33" W	548.28'
L8	N 33°32'28" E	376.85'	L25	S 77°29'30" E	7.98'
L9	N 09°10'39" E	216.22'	L26	S 10°26'49" W	288.04'
L10	N 00°19'04" E	161.60'	L27	S 11°34'55" W	297.90'
L11	N 10°33'45" E	184.18'	L28	S 10°00'01" W	119.35'
L12	N 79°41'55" E	186.22'	L29	S 12°12'33" W	241.57'
L13	N 78°20'48" E	288.51'	L30	S 82°35'29" E	53.19'
L14	S 45°23'38" E	118.85'	L31	S 12°30'31" W	60.20'
L15	S 37°48'03" E	97.21'	L32	N 82°38'17" W	52.88'
L16	S 11°53'10" W	43.78'	L33	S 12°12'33" W	149.93'
L17	N 85°48'50" W	59.62'	L34	S 82°38'17" E	52.09'

**CURVE DATA ~ GRID-NAD83 TSCZ**

CURVE	RADIUS	ARC	BEARING	CHORD
C1	979.93'	347.36'	N 43°10'24" W	345.55'

**TRACT I**  
 1225.7 ACRES OF LAND & WATER  
 PART OF LOTS 1-5, ALL OF LOTS 6-8, BLOCK 4, RANGE "A",  
 ALL OF LOTS 1-3, PART OF LOTS 4 & 5, ALL OF LOTS 6-8, BLOCK 5, RANGE "A",  
 ALL OF LOT 1, PART OF LOTS 2 & 7, ALL OF LOT 8, BLOCK 6, RANGE "A",  
 ALL OF LOTS 5 & 6, BLOCK 4, RANGE "Z",  
 ALL OF LOTS 3-6, BLOCK 5, RANGE "Z",  
 ALL OF LOTS 3 & 4, BLOCK 6, RANGE "Z",  
 PORT ARTHUR LAND COMPANY SUBDIVISION,  
 PART OF THE BURR & CASWELL SURVEY, ABSTRACT NO. 405,  
 THE BURRELL JONES SURVEY, ABSTRACT NO. 156, & THE  
 NATHAN GRIGSBY SURVEY, ABSTRACT NO. 125,  
 JEFFERSON COUNTY, TEXAS



**DETAIL "A"**  
N.T.S.

**DETAIL "B"**  
N.T.S.

**DETAIL "C"**  
N.T.S.

**DETAIL "D"**  
N.T.S.

**DETAIL "E"**  
N.T.S.

**DETAIL "F"**  
N.T.S.

**DETAIL "G"**  
N.T.S.

**DETAIL "H"**  
N.T.S.

**DETAIL "I"**  
N.T.S.

DESCRIPTION OF SERVICES: LOCATE CORNERS FOR UPDATED BOUNDARY.  
 SURVEYOR'S CERTIFICATION:  
 The undersigned does hereby certify that this survey was between Oct 2011 - June 2012, made on the ground of the property legally described hereon and is correct, and that there are no discrepancies, conflicts, shortages of area, boundary line conflicts, encroachments, overlapping of improvements, easements or right of way, except as shown hereon, and that said property has access to and from a dedicated roadway. This survey is certified for this transaction only; it is not transferable to additional institutions or subsequent owners.

ANTHONY M. LEGER  
 REGISTERED PROFESSIONAL LAND SURVEYOR NO. 5481

NO.	DATE	REVISION NOTES	BY



3737 Doctors Drive  
 Port Arthur, Texas 77642  
 Tel. 409.985.2004  
 Fax. 409.985.2005  
 soutexsurveyors.com

SHEET TITLE  
 BOUNDARY SURVEY  
 TOTAL REFINERY - PORT ARTHUR, TEXAS

PROJECT  
 TOTAL PETROCHEMICALS USA, INC.  
 P.O. BOX 849  
 PORT ARTHUR, TEXAS 77642-0849

PROJ. NO: 11-0634-A  
 SCALE: 1" = 500'  
 PRINT DATE: 27AUG2014  
 DRAWN BY: R. COLLIER  
 CHECKED BY: B.L.  
 APPROVED BY: A.M.L.

SHEET 1 OF 2

T.B.P.E. FIRM #5755 • T.X.L.S. FIRM #10123800

