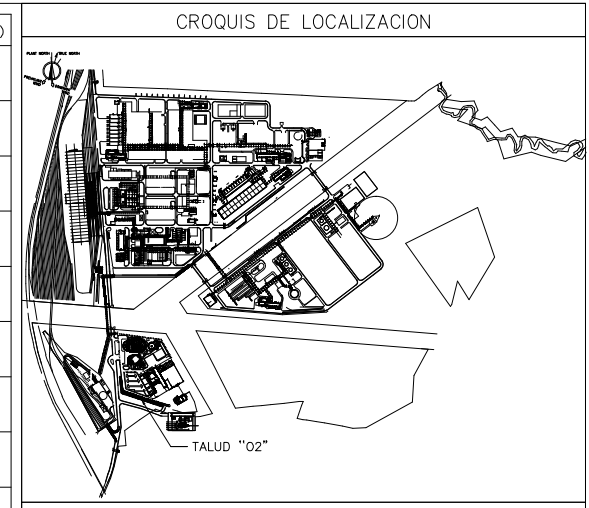


ZONA	LADOS (a,b,c)	DISTANCIA EN METROS	PERIMETRO (P)	SEMIPERIMETRO (S)	S-LADO	AREA= 1/2 (S-a)(S-b)(S-c)	ZONA	LADOS (a,b,c)	DISTANCIA EN METROS	PERIMETRO (P)	SEMIPERIMETRO (S)	S-LADO	AREA= 1/2 (S-a)(S-b)(S-c)	ZONA	LADOS (a,b,c)	DISTANCIA EN METROS	PERIMETRO (P)	SEMIPERIMETRO (S)	S-LADO	AREA= 1/2 (S-a)(S-b)(S-c)	
AREA-1	1-2	5.018	10.239	5.018	1.803	28.706	AREA-16	35-49	7.949	15.898	7.949	1.803	16.575	AREA-31	35-49	7.949	15.898	7.949	1.803	16.0395	
	2-39	11.738	30.514	15.257	3.519			8.365	49-12	17.348	47.977	23.989			6.6405	57.821					
	39-1	13.758	27.516	13.758	1.554			1.554	12-35	22.680	11.340	11.340			1.3085						
AREA-2	2-40	13.482	27.348	13.674	0.192	7.661	AREA-17	6-7	9.249	18.498	9.249	2.3005	18.167	AREA-32	34-12	21.848	43.696	21.848	8.6925	170.846	
	40-39	2.128	4.256	2.128	11.546			7-52	9.919	19.838	9.919	1.6305			12-35	16.553	33.106	16.553	13.9875		
AREA-3	39-2	11.738	23.476	11.738	1.936	52.932	AREA-18	52-6	3.931	7.862	3.931	1.757	31.549	AREA-33	35-34	22.680	45.360	22.680	7.8605	170.258	
	2-41	18.480	36.960	18.480	1.7495			36-50	12.591	25.182	12.591	1.757			12-13	17.796	35.592	17.796	12.257		
	41-40	8.497	16.994	8.497	11.7325			49-35	7.949	15.898	7.949	5.907			13-34	20.462	40.924	20.462	9.591		
AREA-4	40-2	13.482	27.348	13.674	6.7475	18.571	AREA-19	35-36	7.664	15.328	7.664	6.684	21.320	AREA-34	34-12	21.848	43.696	21.848	8.205	162.719	
	2-3	2.570	5.140	2.570	18.046			49-35	7.949	15.898	7.949	3.022			13-33	19.833	39.666	19.833	9.358		
	41-3	18.480	36.960	18.480	0.434			50-49	5.552	11.104	5.552	2.53			33-34	18.067	36.134	18.067	11.104		
AREA-5	3-4	5.504	11.008	5.504	2.136	50.274	AREA-20	50-49	5.552	11.104	5.552	2.376	26.339	AREA-35	13-14	18.843	37.686	18.843	9.6635	155.878	
	4-41	18.525	37.050	18.525	3.5805			49-50	5.552	11.104	5.552	3.176			14-33	18.337	36.674	18.337	10.1695		
	41-3	20.182	40.364	20.182	1.9235			50-53	8.871	17.742	8.871	7.206			33-13	19.833	39.666	19.833	8.6735		
AREA-6	41-4	18.525	37.050	18.525	4.4775	53.500	AREA-21	50-53	8.871	17.742	8.871	4.0645	29.123	AREA-36	33-14	18.337	36.674	18.337	9.827	151.661	
	37-41	6.124	12.248	6.124	1.6465			54-50	10.382	20.764	10.382	6.3175			14-32	18.018	36.036	14.322	10.146		
	37-4	21.356	42.712	21.356	16.8785			8-54	4.702	9.404	4.702	2.5535			32-33	19.973	39.946	19.973	8.191		
AREA-7	4-5	11.370	22.740	11.370	4.196	104.443	AREA-22	54-53	6.618	13.236	6.618	4.0485	13.933	AREA-37	14-15	24.242	48.484	24.242	6.3695	169.123	
	5-37	18.378	36.756	18.378	14.182			53-8	6.181	12.362	6.181	2.1325			16-32	18.963	37.926	18.963	11.6485		
	37-5	18.378	36.756	18.378	7.174			7-8	6.775	13.550	6.775	2.5695			32-14	18.018	36.036	18.018	12.5935		
AREA-8	5-42	23.008	46.016	23.008	6.9825	81.706	AREA-23	8-53	6.181	12.362	6.181	1.3815	8.156	AREA-38	31-32	17.811	35.622	17.811	11.905	111.092	
	42-37	9.335	18.670	9.335	2.3525			53-7	3.357	6.714	3.357	1.9755			15-31	12.964	25.928	15.312	7.058		
	42-5	23.008	46.016	23.008	16.0255			8-9	4.913	9.826	4.913	4.7995			32-15	18.963	37.926	18.963	5.906		
AREA-9	5-51	17.404	34.808	17.404	3.2175	102.761	AREA-24	9-54	4.945	9.890	4.945	2.355	10.185	AREA-39	15-16	13.445	26.890	15.160	6.995	79.877	
	51-42	12.039	24.078	12.039	8.8215			54-8	4.702	9.404	4.702	2.578			16-31	14.471	28.942	16.316	5.969		
	51-5	17.404	34.808	17.404	14.1865			9-10	3.146	6.292	3.146	3.596			31-16	14.471	28.942	31-16	14.471		
AREA-10	5-52	14.406	28.812	14.406	4.755	44.999	AREA-25	10-54	5.393	10.786	5.393	1.349	7.666	AREA-40	30-16	18.404	36.808	30-16	18.404	1.817	131.967
	52-51	6.512	13.024	6.512	1.76			54-9	4.945	9.890	4.945	2.039			16-17	12.708	25.416	16-17	12.708		
	52-5	14.406	28.812	14.406	12.649			54-10	5.393	10.786	5.393	3.388			17-30	9.330	18.660	17-30	9.330		
AREA-11	5-6	13.995	27.990	13.995	1.76	27.491	AREA-26	10-55	5.427	10.854	5.427	3.354	14.264	AREA-41	30-16	18.404	36.808	30-16	18.404	1.817	54.830
	6-52	3.931	7.862	3.931	2.171			55-54	6.742	13.484	6.742	2.039			16-17	12.708	25.416	16-17	12.708		
	42-51	12.039	24.078	12.039	12.235			49-54	9.582	19.164	9.582	3.388			30-17	9.330	18.660	30-17	9.330		
AREA-12	51-50	7.797	15.594	7.797	5.644	46.090	AREA-27	54-55	6.742	13.484	6.742	2.7815	27.670	AREA-42	17-18	13.797	27.594	17-18	13.797	9.2675	61.218
	50-42	15.530	31.060	15.530	9.886			55-49	8.403	16.806	8.403	5.6215			18-30	14.068	28.136	18-30	14.068		
	42-50	15.530	31.060	15.530	2.153			10-11	1.911	3.822	1.911	3.9605			30-18	14.068	28.136	30-18	14.068		
AREA-13	50-36	12.591	25.182	12.591	0.4885	18.016	AREA-28	11-55	6.095	12.190	6.095	0.6215	5.086	AREA-43	28-30	5.522	11.044	28-30	5.522	1.215	27.940
	36-42	3.916	7.832	3.916	3.4275			55-10	5.427	10.854	5.427	4.8055			18-20	10.976	21.952	18-20	10.976		
	51-52	6.512	13.024	6.512	12.1025			11-12	13.628	27.256	11.120	0.6215			28-30	10.976	21.952	28-30	10.976		
AREA-14	52-50	11.378	22.756	11.378	6.3315	24.524	AREA-29	12-55	11.656	23.312	11.656	4.0335	35.379	AREA-44	28-29	2.803	5.606	28-29	2.803	1.274	15.014
	50-51	7.797	15.594	7.797	1.4655			49-55	8.403	16.806	8.403	1.2895			29-30	10.721	21.442	29-30	10.721		
	52-53	10.168	20.336	10.168	5.0465			55-11	6.095	12.190	6.095	2.0615			29-30	10.721	21.442	29-30	10.721		
AREA-15	53-50	8.871	17.742	8.871	5.0405	43.139	AREA-30	55-12	11.656	23.312	11.656	10.3005	42.900								
	50-52	11.378	22.756	11.378	6.3375			12-49	17.348	34.696	17.348	7.0475									



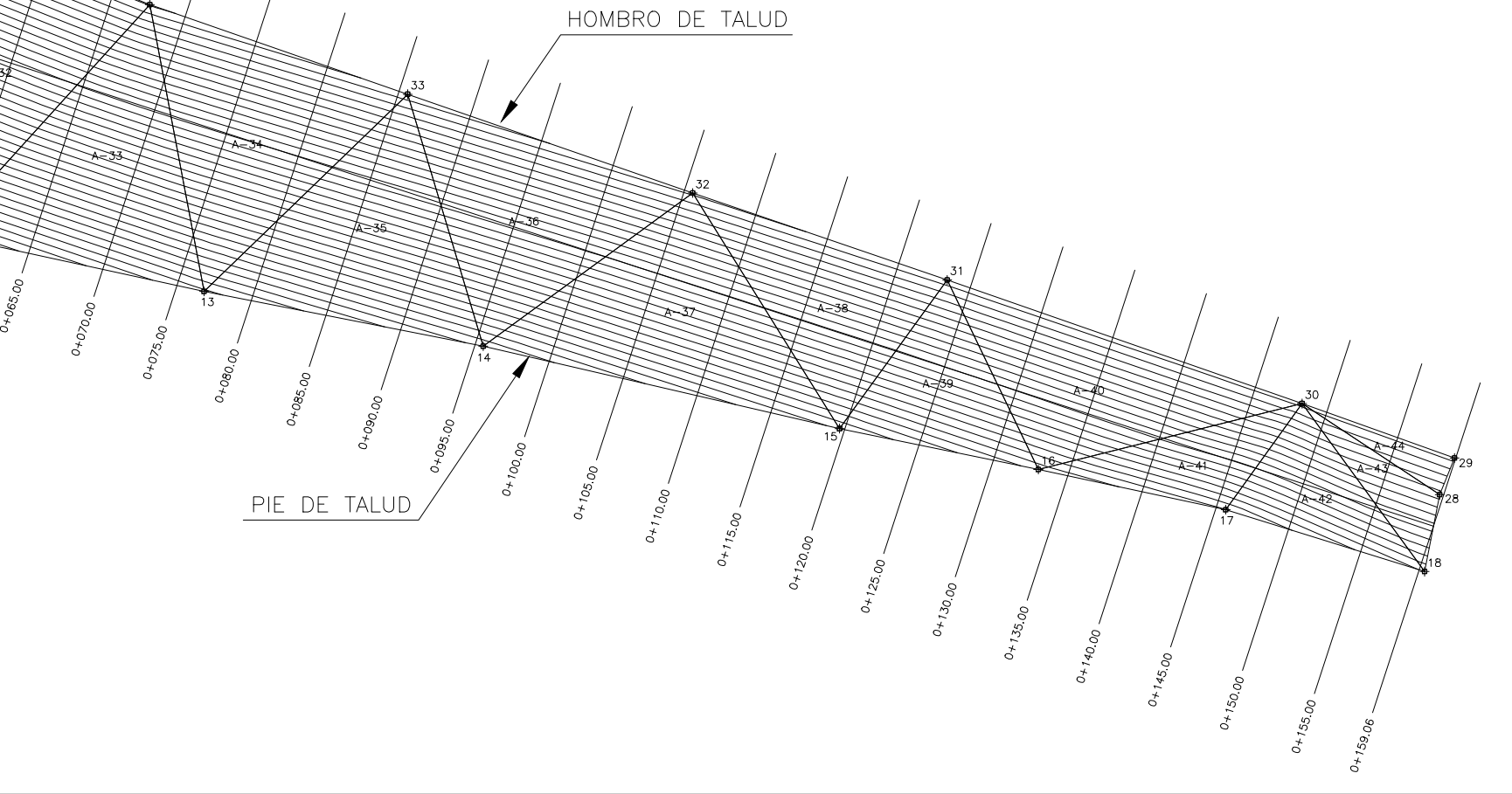
- NOTAS GENERALES
- DIMENSIONES EN METROS.
 - COORDENADAS Y NIVELES EN METROS.
 - EL NIVEL +100.000 CORRESPONDE AL NIVEL +20.000 CON RELACION AL NIVEL MEDIO DEL MAR.
 - LAS COORDENADAS ESTAN REFERIDAS AL SISTEMA LOCAL DE CONSTRUCCION E=0.000, N=0.000 QUE CORRESPONDEN A LAS COORDENADAS UTM E=354500.000 Y N=1997250.000; Y UN GIRO DE 16° 25' 41"
 - TRABAJAR ESTE PLANO EN CONJUNTO CON LOS DE REFERENCIA

NOMENCLATURA & SIMBOLOGIA

A-00	NUMERO DE AREA
EXXI-100-80-00-CI-GRD-0003	
OSBL SLOPE O2-STABILIZATION GENERAL PLAN VIEW AND TYPICAL CROSS SECTIONS	
DIBUJO No.	DESCRIPCION
DIBUJOS DE REFERENCIA	
0 13-JUNIO-14 LEV. TOPOGRAFICO DE AREA CON TECNOLOGIA PRATI ARMATI T.P. ADOLFO PRIETO SUAREZ TEC. INGRES CARLOS LOPEZ ING. JORGE DIEGO RODRIGUEZ	
REV	FECHA STATUS LEVANTO DIBUJO REVISO

COORDENADAS DEL AREA CON TECNOLOGIA PRATI ARMATI

No. PUNTO	ESTE (X)	NORTE (Y)	ELEV. (Z)	No. PUNTO	ESTE (X)	NORTE (Y)	ELEV. (Z)
1	405.426	445.033	108.539	30	515.097	370.196	113.080
2	406.208	440.083	108.276	31	491.601	378.397	113.138
3	403.708	439.523	108.078	32	474.745	384.151	113.250
4	403.232	434.046	107.808	33	455.878	390.698	113.550
5	403.505	422.710	106.974	34	438.796	396.638	113.828
6	403.940	408.733	106.412	35	423.420	402.767	113.823
7	404.805	399.525	106.360	36	423.924	410.413	113.947
8	406.454	392.969	105.906	37	420.515	423.091	113.922
9	408.936	388.742	105.568	39	416.474	438.752	113.809
10	411.951	387.859	105.725	40	418.184	437.488	113.898
11	412.200	385.966	105.648	41	420.039	429.196	113.905
12	425.023	381.407	106.368	42	423.706	414.320	114.109
13	442.396	377.633	107.154	49	418.822	396.936	110.987
14	460.873	374.003	107.843	50	415.608	401.462	110.904
15	484.480	368.547	108.629	51	413.794	408.972	109.855
16	497.633	365.829	109.255	52	407.657	408.933	107.677
17	510.054	363.165	109.590	53	407.868	398.769	107.508
18	523.213	359.067	110.220	54	410.936	392.908	107.327
28	524.213	364.160	112.106	55	416.723	389.474	107.742
29	525.195	366.594	113.091				

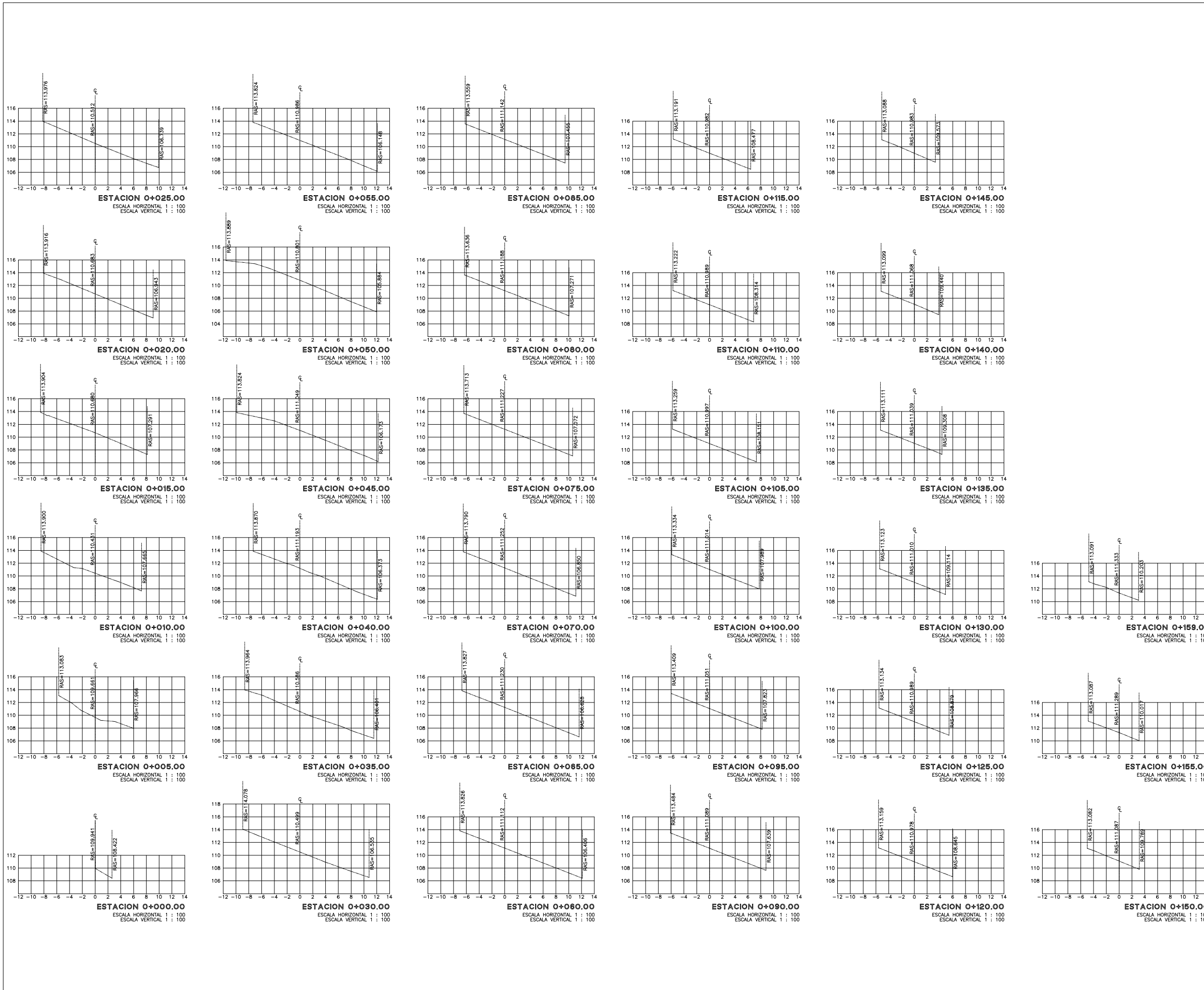


Etileno

ETILENO XXI PROJECT
CLIENT: BRASKEM IDESA SAPI

OSBL
PRATI ARMATI TALUD "O2"
PLANTA & TABLA DE DATOS

Escala	Dibujo No.	Hoja	Rev.
S/E	7380 8000 Project Unit/SubUnit Disc Code / Doc.Type Serial.No	1/2	0
BRASKEM-DESA CODE: EXXI-003-80-00-CI-TPR-			



CROQUIS DE LOCALIZACION

NOTAS GENERALES

1. DIMENSIONES EN METROS.
2. NIVELES EN METROS.
3. EL NIVEL +100.000 CORRESPONDE AL NIVEL +20.000 CON RELACION AL NIVEL MEDIO DEL MAR.

NOMENCLATURA & SIMBOLOGIA

EXXI-100-80-00-CI-GRD-0003	OSBL SLOPE O2-STABILIZATION GENERAL PLAN VIEW AND TYPICAL CROSS SECTIONS
DIBUJO No.	DESCRIPCION

DIBUJOS DE REFERENCIA

0	13-JUNIO-14	LEV. TOPOGRAFICO DE AREA CON TECNOLOGIA PRATI ARMATI	TOP. ADOLFO PRIETO SUAREZ	TEC. ANDRES CAROL LOPEZ/ING. JOSE DIEGO RODRIGUEZ	
REV	FECHA	STATUS	LEVANTO	DIBUJO	REVISO



ETILENO XXI PROJECT
CLIENT: BRASKEM IDESA SAPI
OSBL
PRATI ARMATI TALUD "O2"
SECCIONES

Escala	Dibujo No.	Hoja	Rev.
IND	7380 8000 Project Unit/SubUnit Disc Code / Doc.Type Serial.No BRASKEM-DESA CODE: EXXI-003-80-00-CI-TPR-	2/2	0