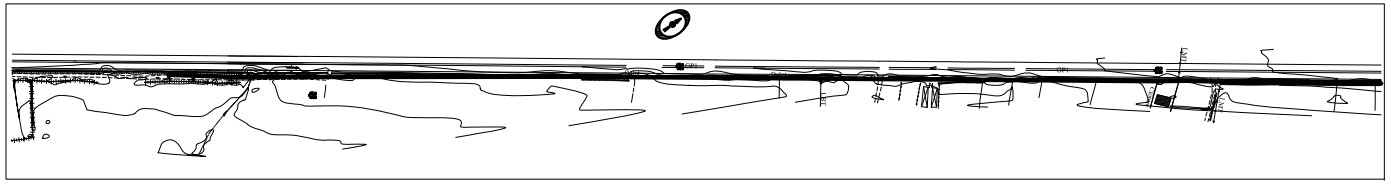
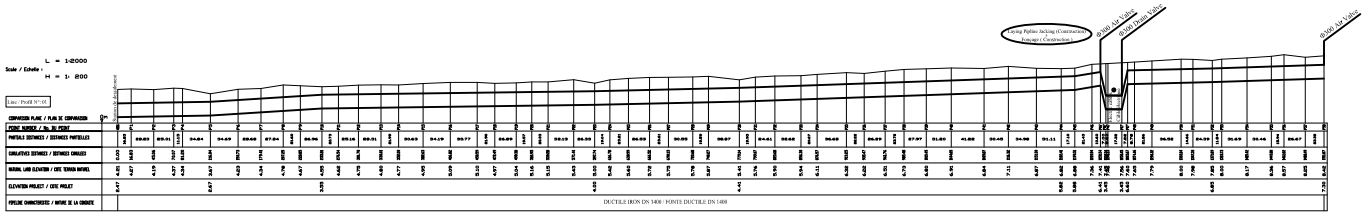
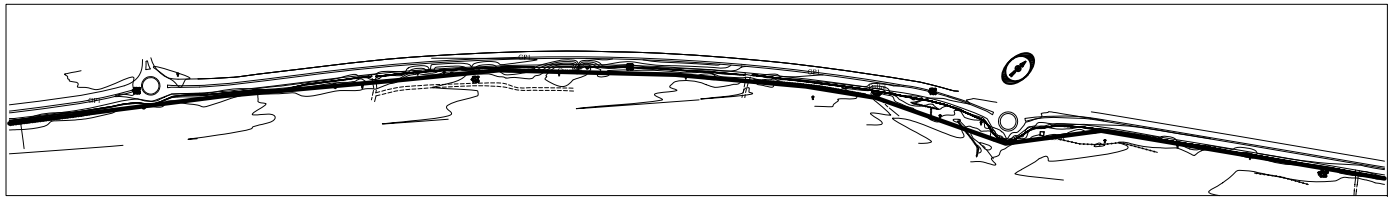
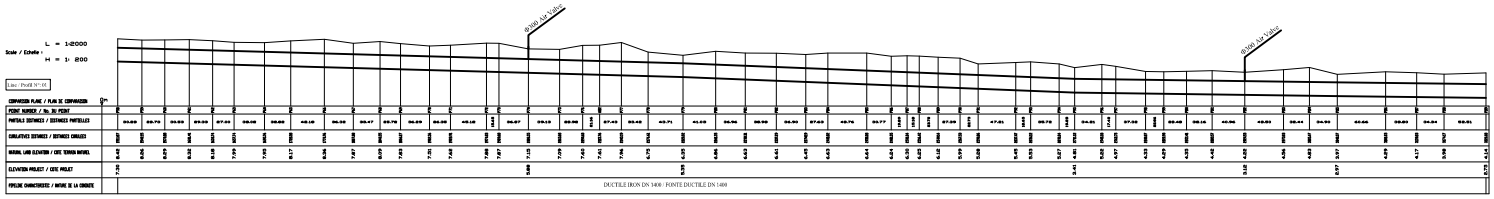








Project Name

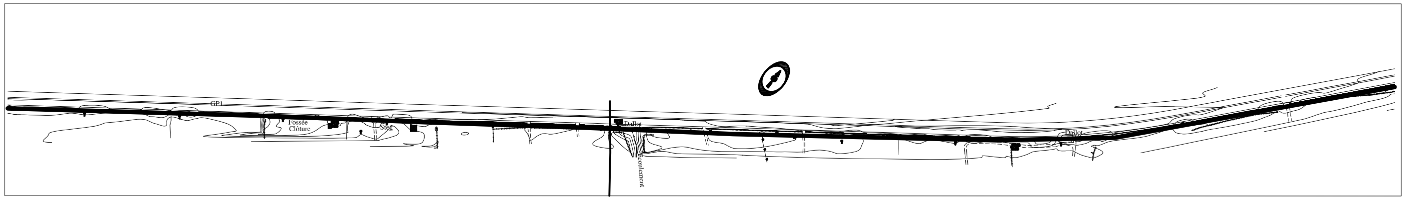
ETUDE PREPARATOIRE RELATIVE AU PROJET DE CONSTRUCTION DE LA STATION DE DESSALEMENT D'EAU DE MER Á SFAX EN REPUBLIQUE TUNISIENNE

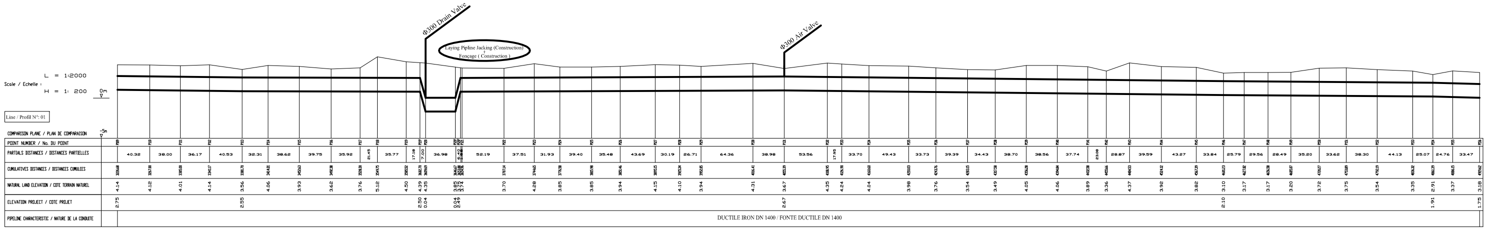
Drawing Title

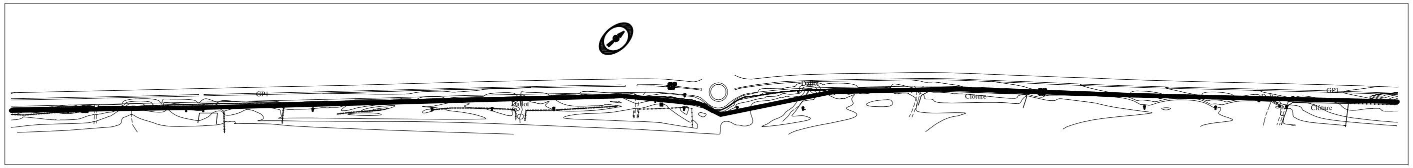
Conduites de refoulement :
Plan et profil en long -1

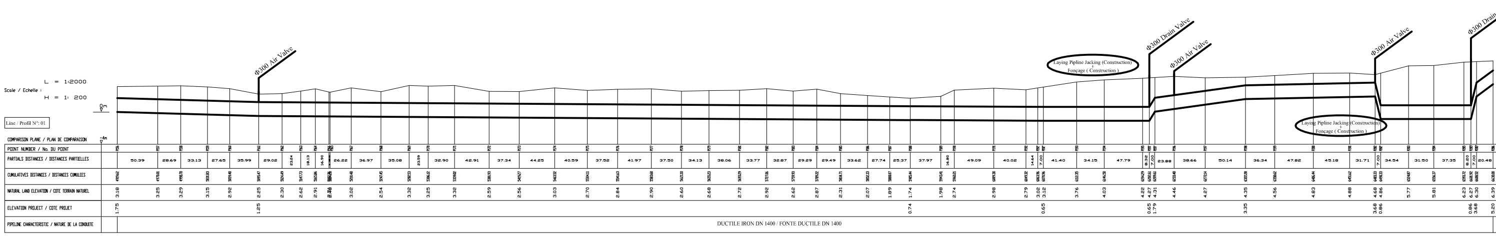
Scale:

Drawing No. 51









Project Name

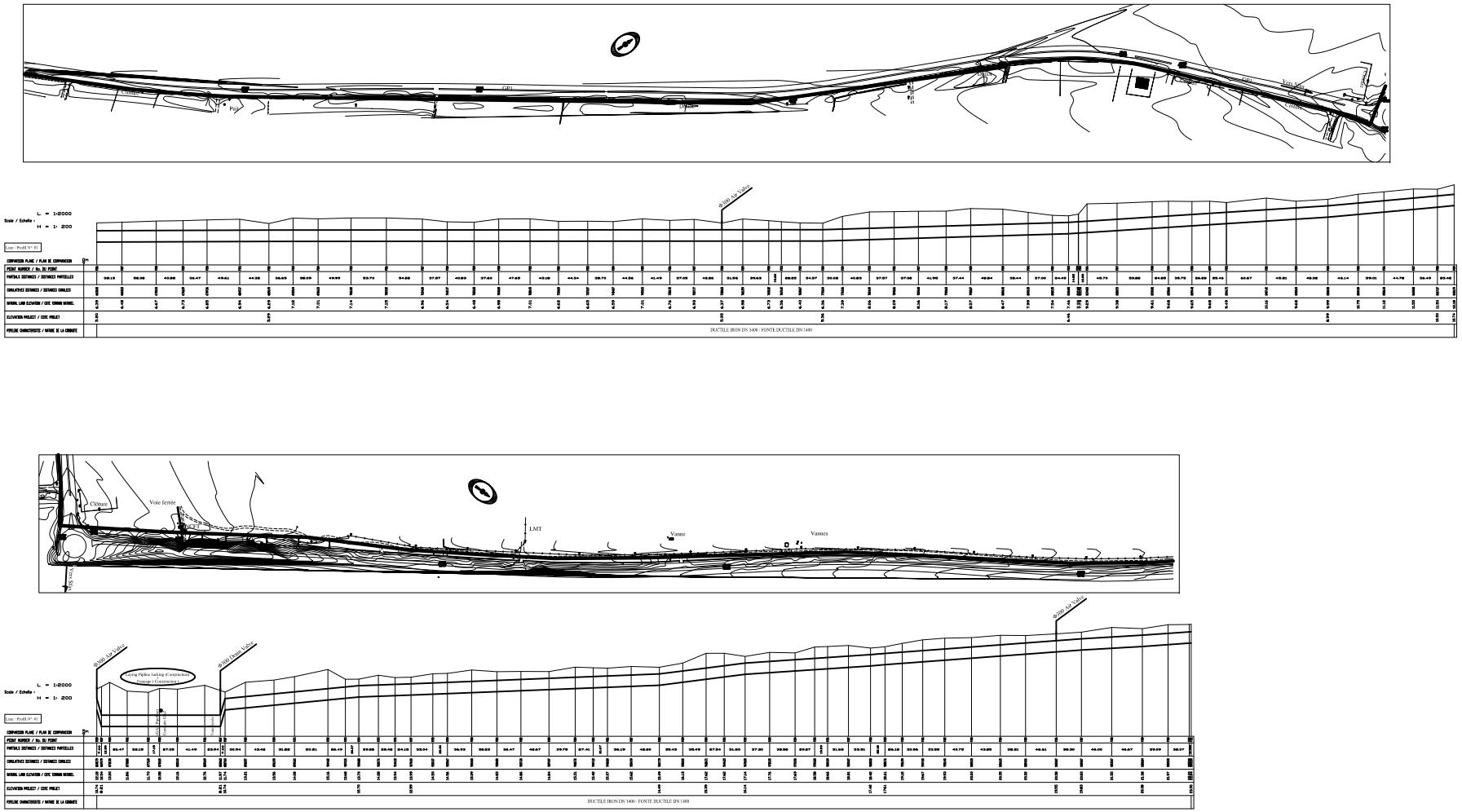
ETUDE PREPARATOIRE RELATIVE AU PROJET DE CONSTRUCTION DE LA STATION DE DESSALEMENT D'EAU DE MER Á SFAX EN REPUBLIQUE TUNISIENNE

Drawing Title

Conduites de refoulement :
Plan et profil en long -2

Scale:

Drawing No. 52



Project Name

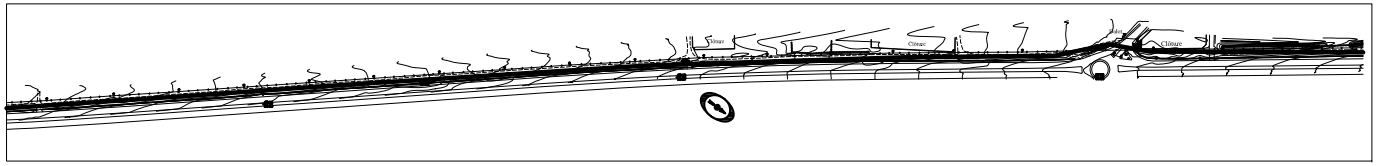
ETUDE PREPARATOIRE RELATIVE AU PROJET DE CONSTRUCTION DE LA STATION DE DESSALEMENT D'EAU DE MER Á SFAX EN REPUBLIQUE TUNISIENNE

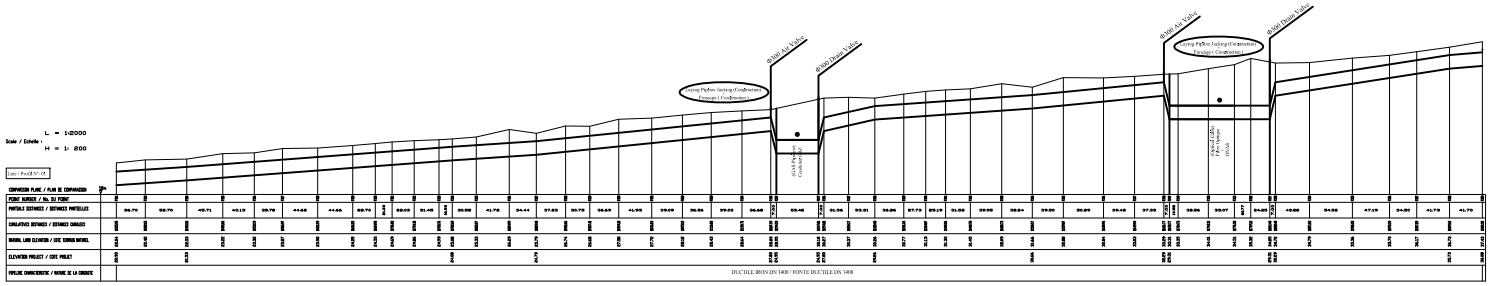
Drawing Title

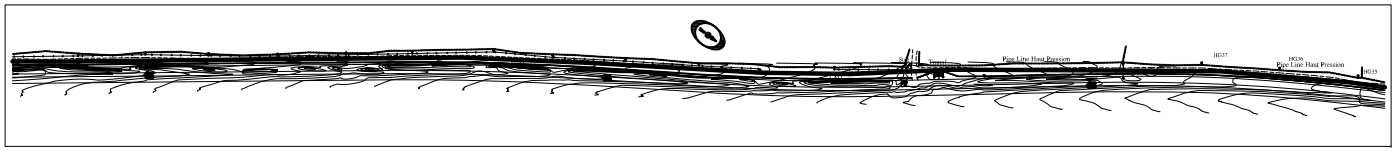
Conduites de refoulement :
Plan et profil en long -3

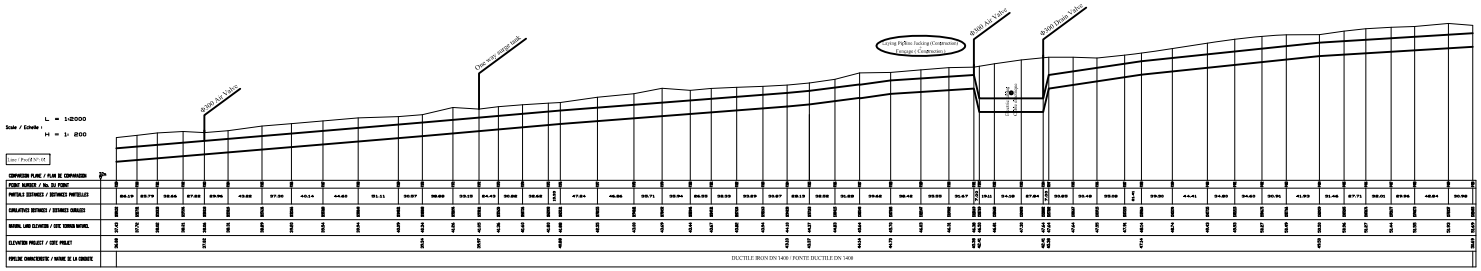
Scale:

Drawing No. 53









Project Name

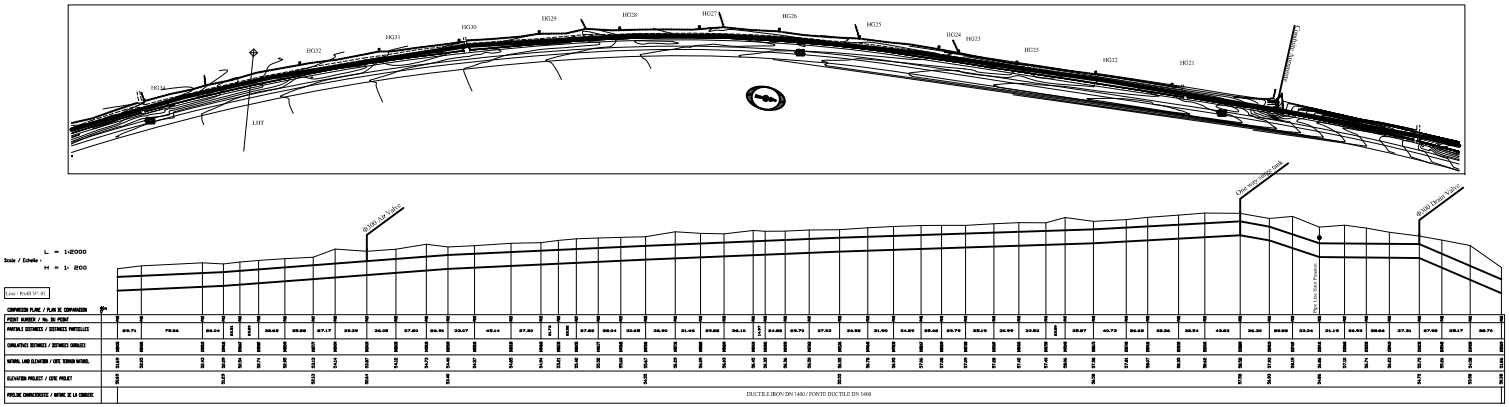
ETUDE PREPARATOIRE RELATIVE AU PROJET DE CONSTRUCTION DE LA STATION DE DESSALEMENT D'EAU DE MER Á SFAX EN REPUBLIQUE TUNISIENNE

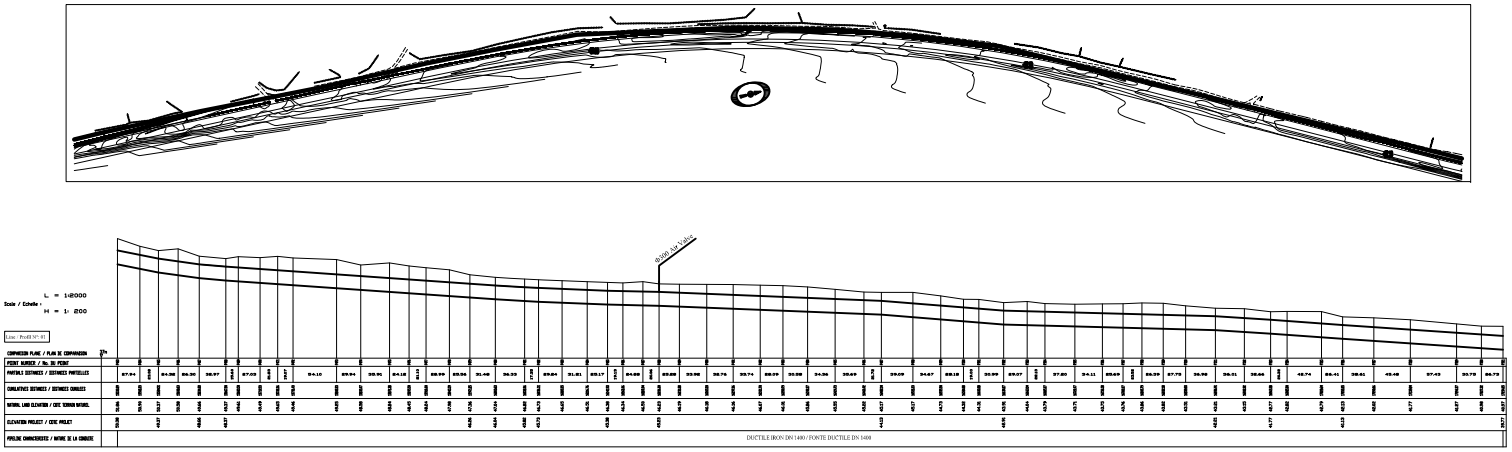
Drawing Title

Conduites de refoulement :
Plan et profil en long -4

Scale:

Drawing No. 54





Project Name

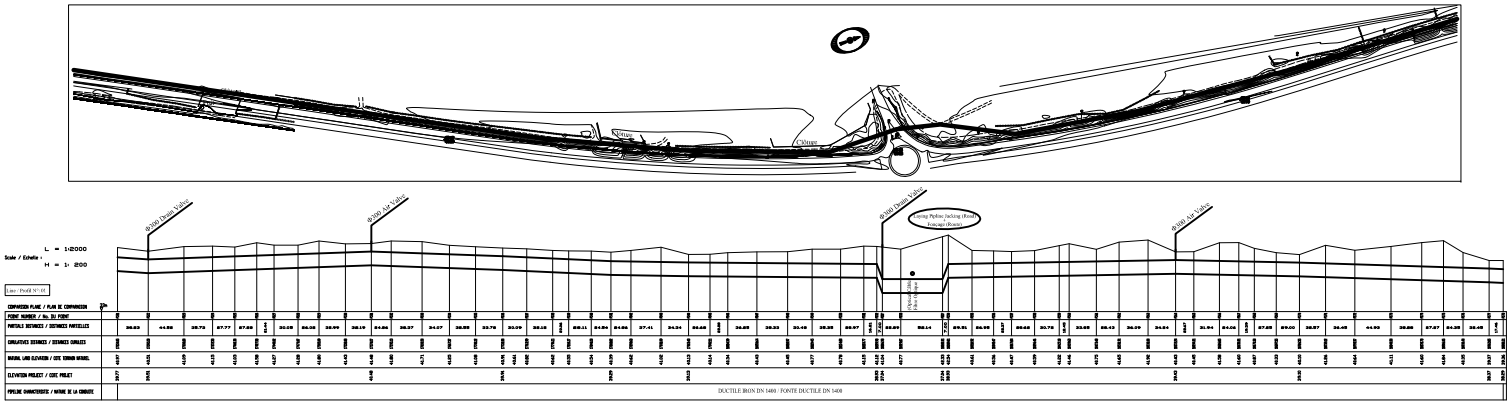
ETUDE PREPARATOIRE RELATIVE AU PROJET DE CONSTRUCTION DE LA STATION DE DESSALEMENT D'EAU DE MER Á SFAX EN REPUBLIQUE TUNISIENNE

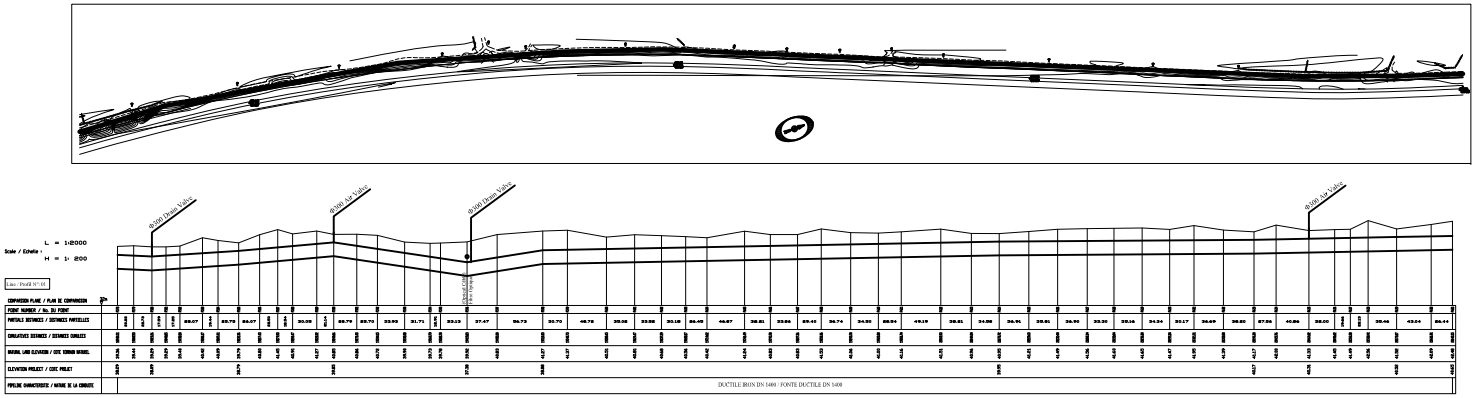
Drawing Title

Conduites de refoulement :
Plan et profil en long -5

Scale:

Drawing No. 55





Project Name

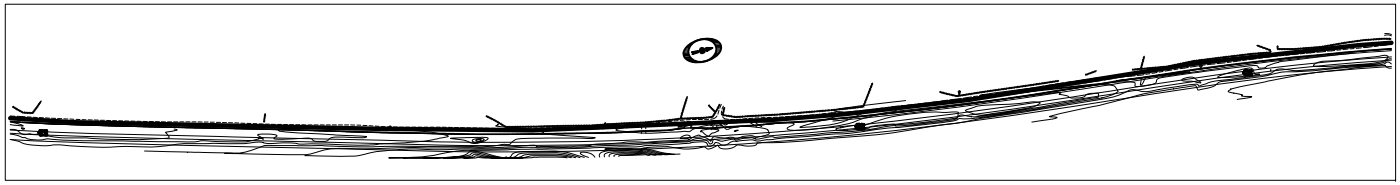
ETUDE PREPARATOIRE RELATIVE AU PROJET DE CONSTRUCTION DE LA STATION DE DESSALEMENT D'EAU DE MER Á SFAX EN REPUBLIQUE TUNISIENNE

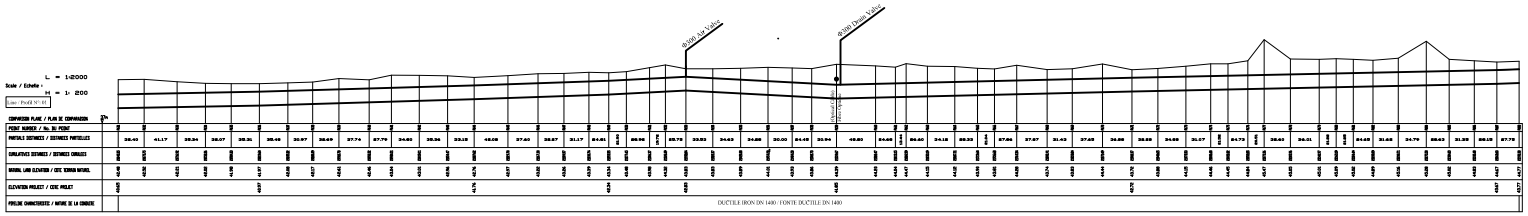
Drawing Title

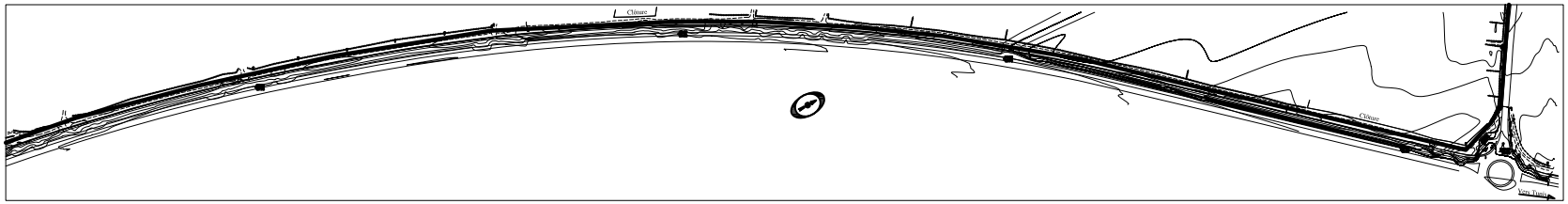
Conduites de refoulement :
Plan et profil en long -6

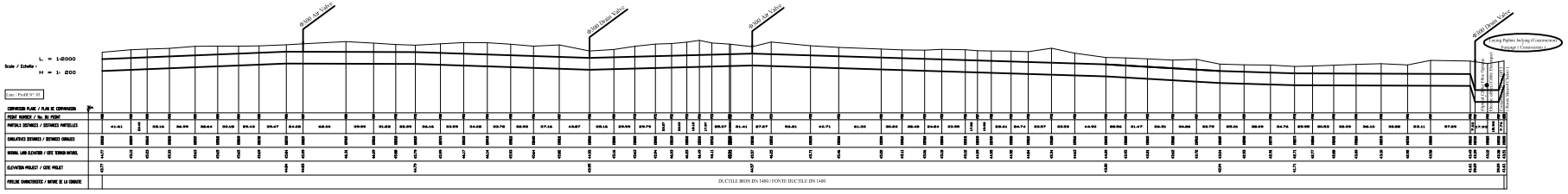
Scale:

Drawing No. 56









Project Name

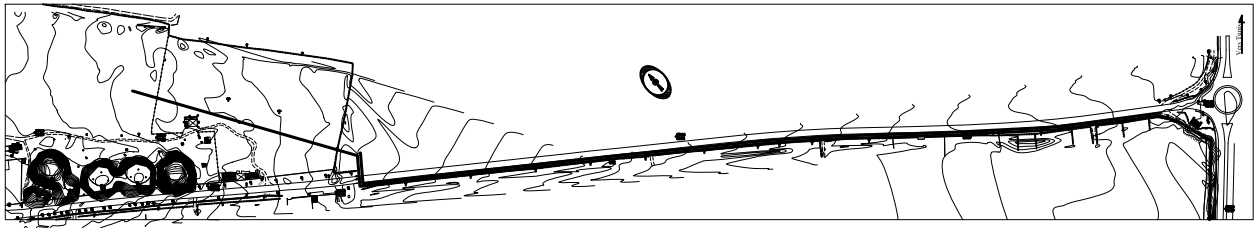
ETUDE PREPARATOIRE RELATIVE AU PROJET DE CONSTRUCTION DE LA STATION DE DESSALEMENT D'EAU DE MER Á SFAX EN REPUBLIQUE TUNISIENNE

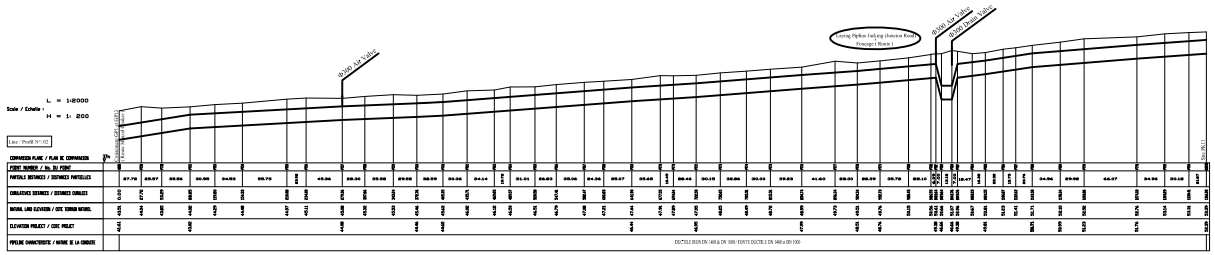
Drawing Title

Conduites de refoulement :
Plan et profil en long -7

Scale:

Drawing No. 57





Project Name

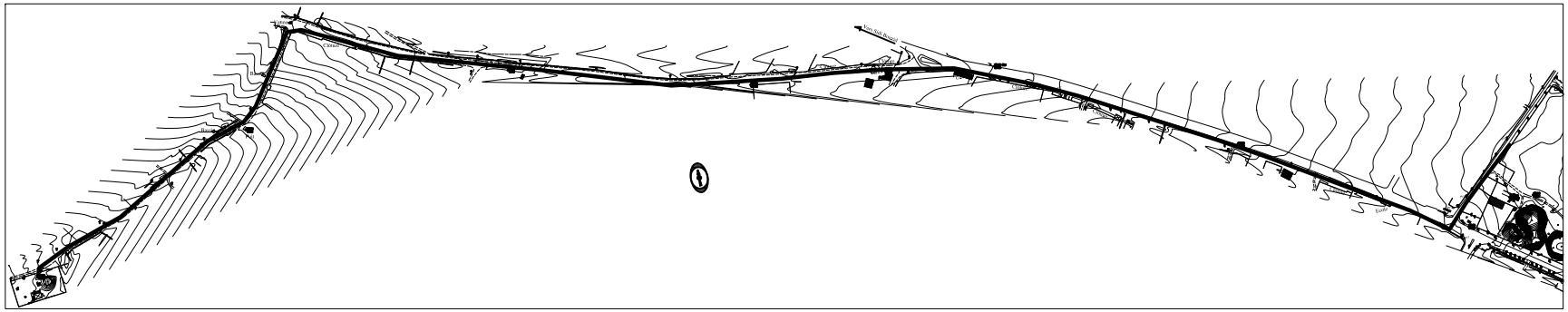
ETUDE PREPARATOIRE RELATIVE AU PROJET DE CONSTRUCTION DE LA STATION DE DESSALEMENT D'EAU DE MER Á SFAX EN REPUBLIQUE TUNISIENNE

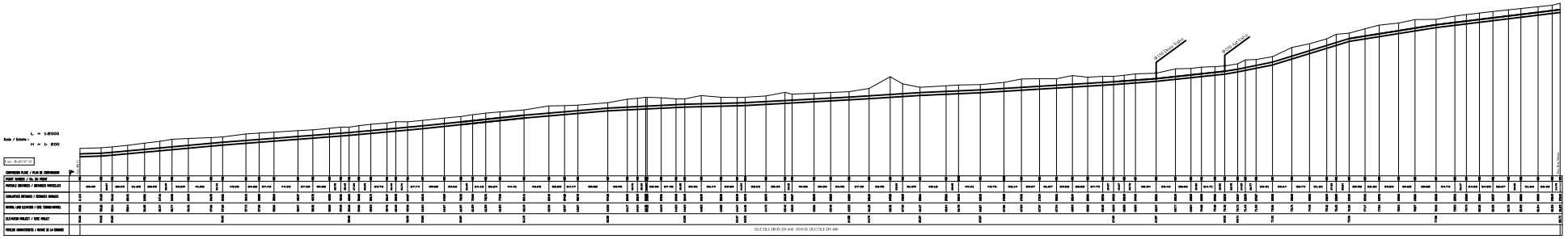
Drawing Title

Conduites de refoulement :
Plan et profil en long -8

Scale:

Drawing No. 58





Project Name

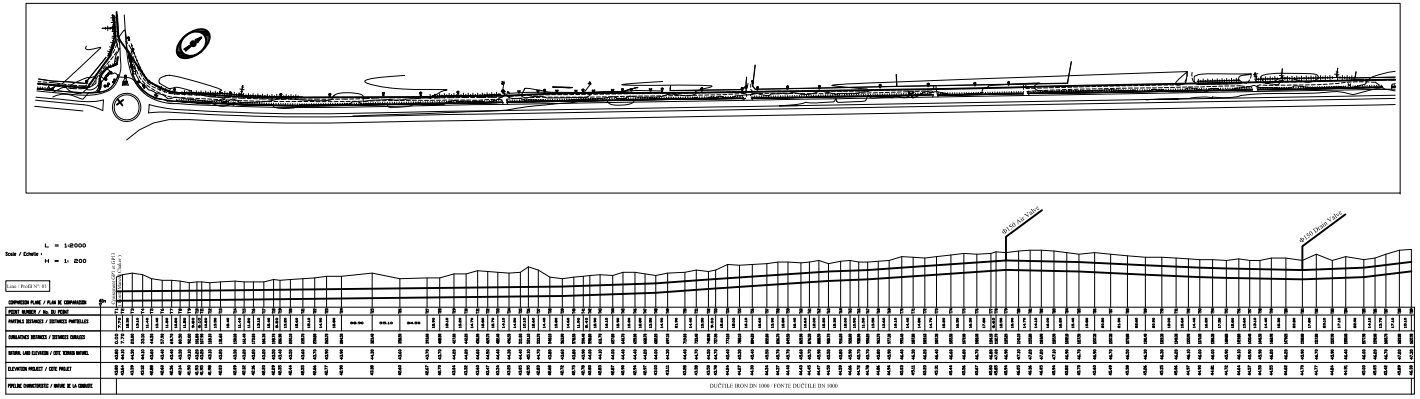
ETUDE PREPARATOIRE RELATIVE AU PROJET DE CONSTRUCTION DE LA STATION DE DESSALEMENT D'EAU DE MER Á SFAX EN REPUBLIQUE TUNISIENNE

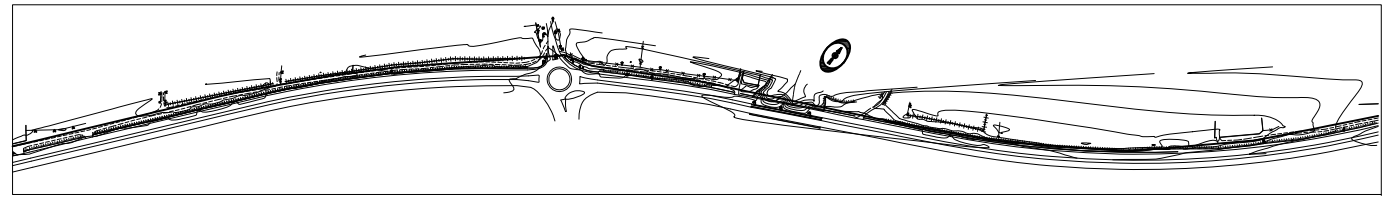
Drawing Title

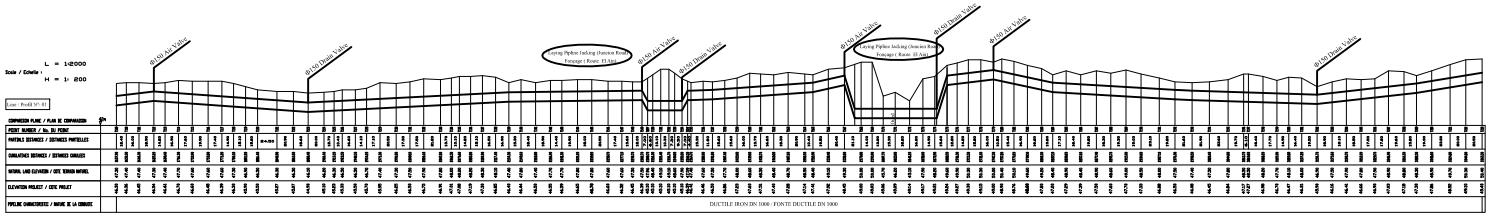
Conduites de refoulement :
Plan et profil en long -9

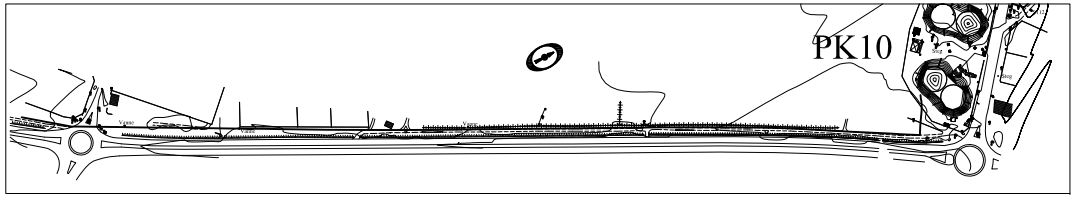
Scale:

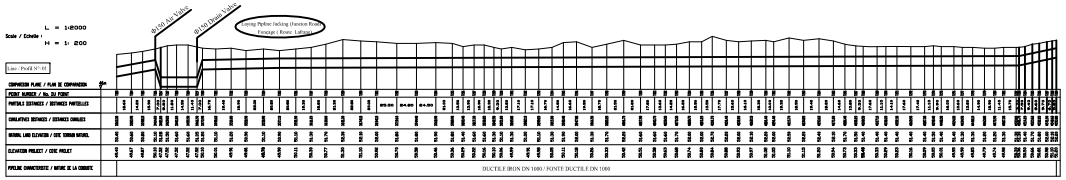
Drawing No. 59











Project Name

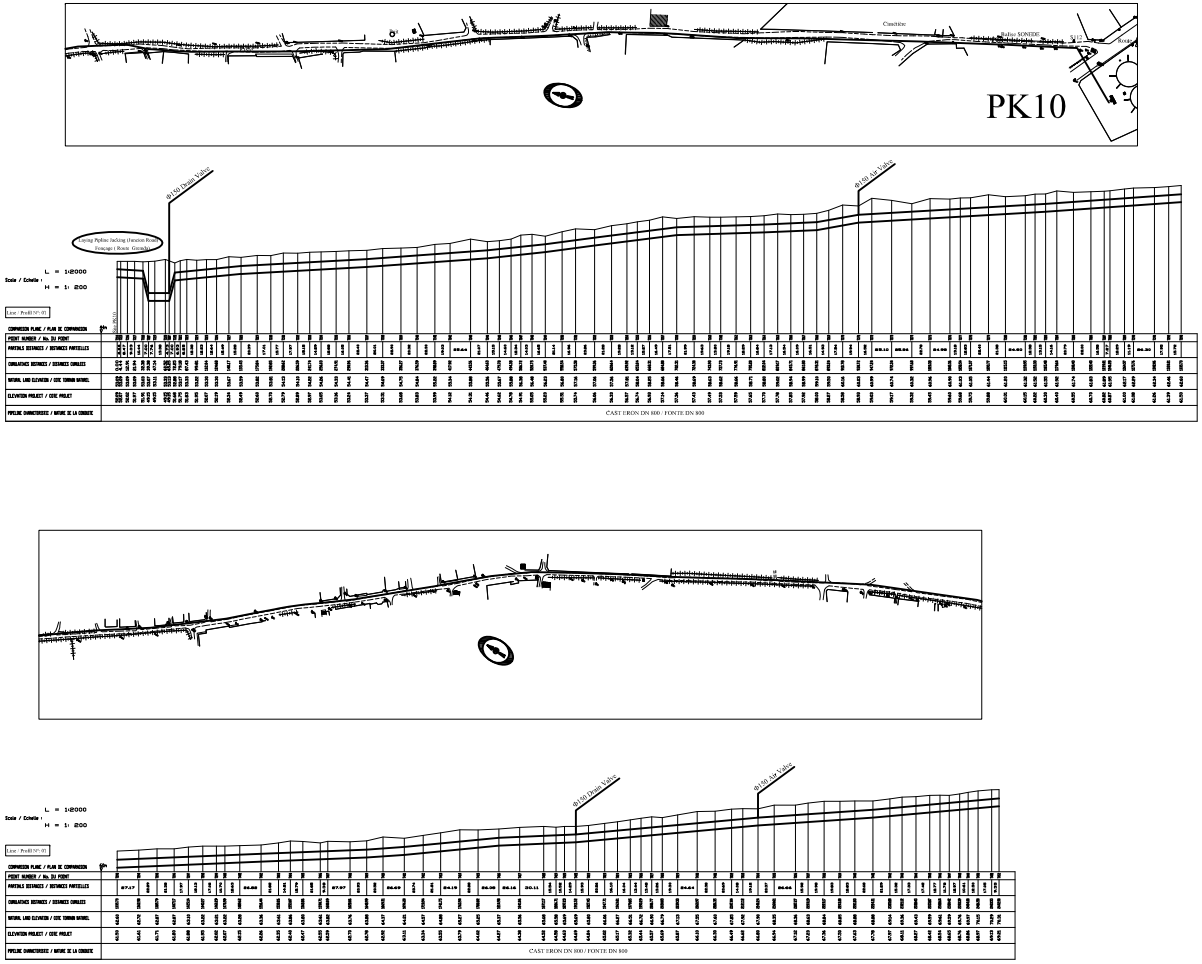
ETUDE PREPARATOIRE RELATIVE AU PROJET DE CONSTRUCTION DE LA STATION DE DESSALEMENT D'EAU DE MER Á SFAX EN REPUBLIQUE TUNISIENNE

Drawing Title

Conduites de refoulement :
Plan et profil en long -10

Scale:

Drawing No. 60



Project Name

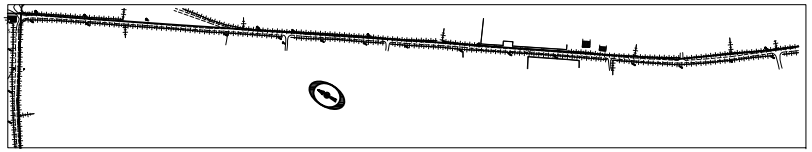
ETUDE PREPARATOIRE RELATIVE AU PROJET DE CONSTRUCTION DE LA STATION DE DESSALEMENT D'EAU DE MER Á SFAX EN REPUBLIQUE TUNISIENNE

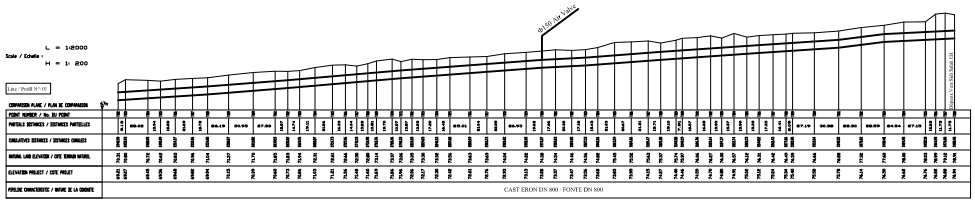
Drawing Title

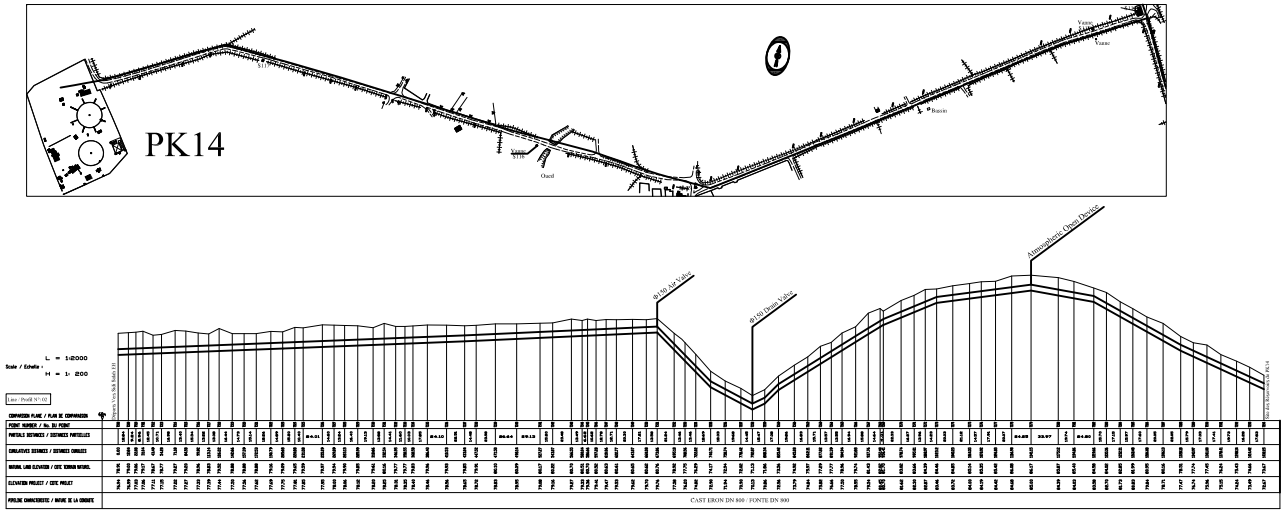
Conduites de refoulement :
Plan et profil en long -11

Scale:

Drawing No. 61







Project Name

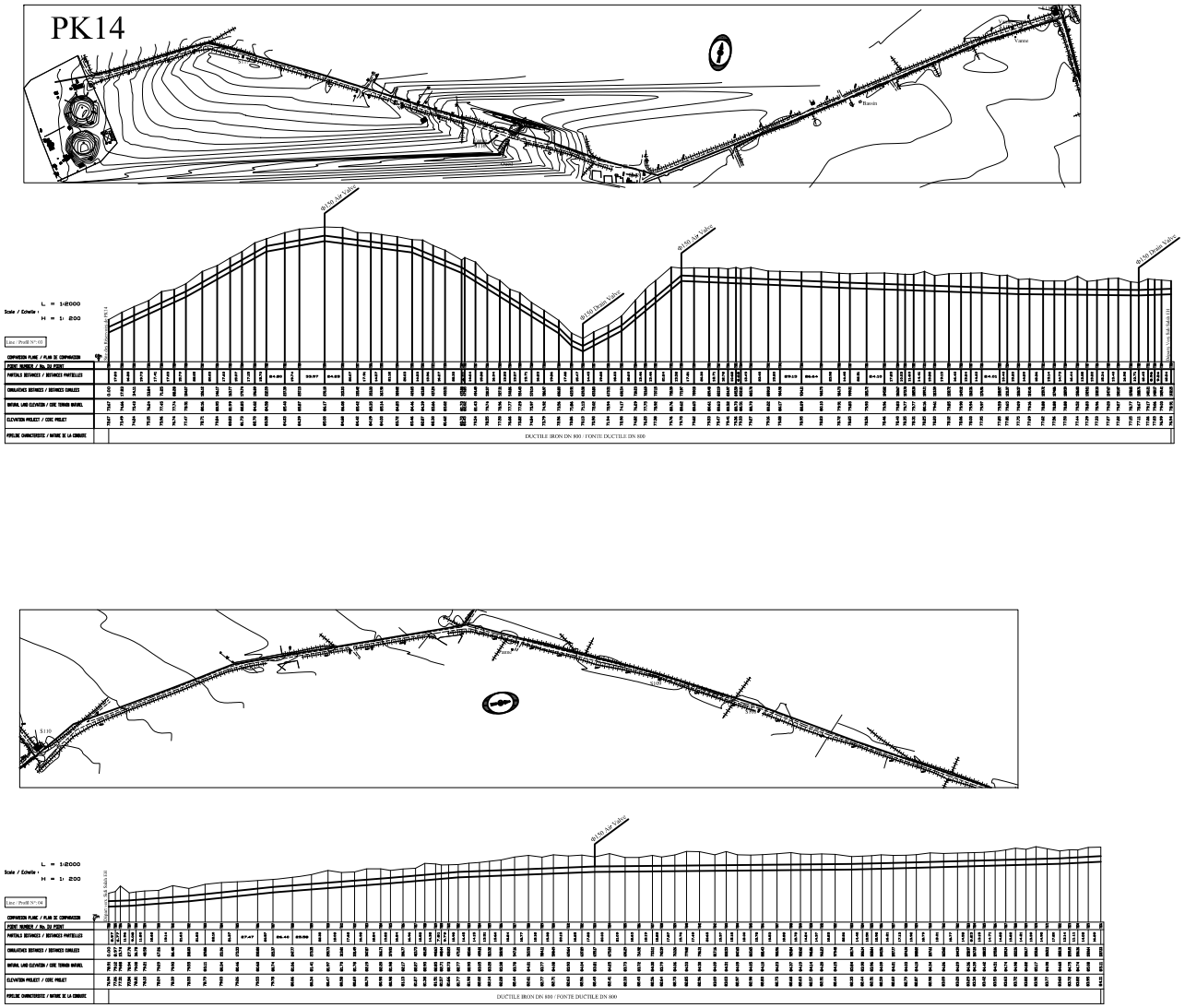
ETUDE PREPARATOIRE RELATIVE AU PROJET DE CONSTRUCTION DE LA STATION DE DESSALEMENT D'EAU DE MER Á SFAX EN REPUBLIQUE TUNISIENNE

Drawing Title

Conduites de refoulement :
Plan et profil en long -12

Scale:

Drawing No. 62



Project Name

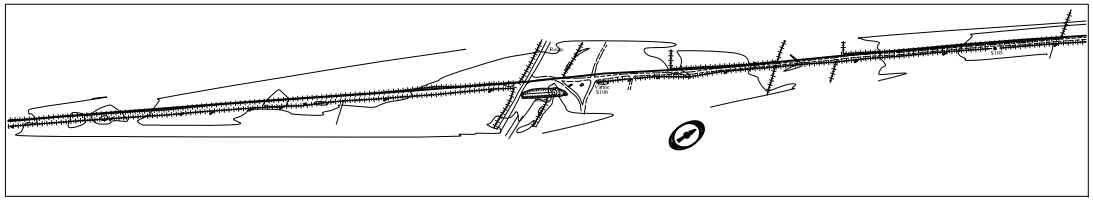
ETUDE PREPARATOIRE RELATIVE AU PROJET DE CONSTRUCTION DE LA STATION DE DESSALEMENT D'EAU DE MER Á SFAX EN REPUBLIQUE TUNISIENNE

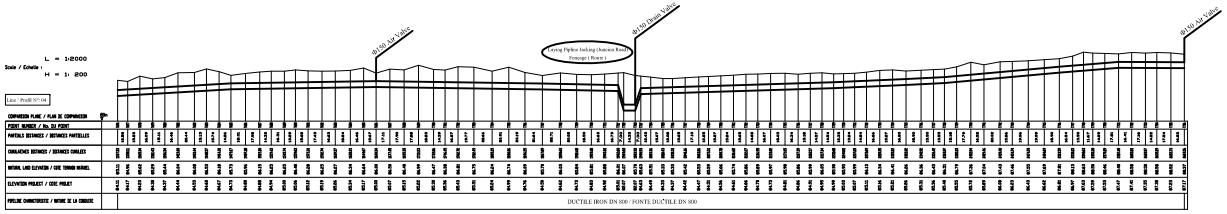
Drawing Title

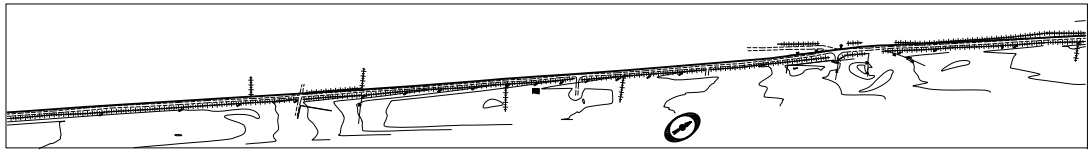
Conduites de refoulement :
Plan et profil en long -13

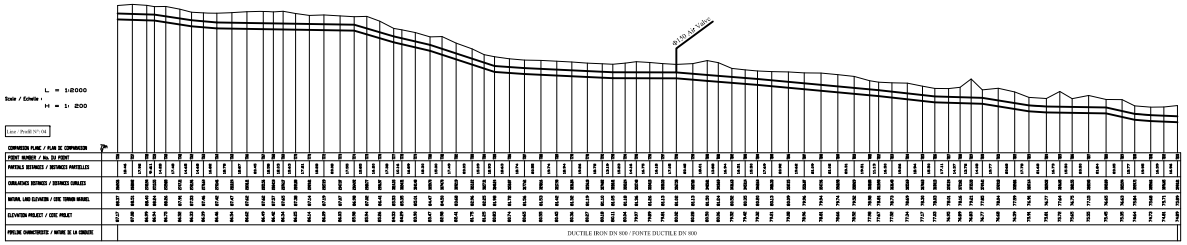
Scale:

Drawing No. 63









Project Name

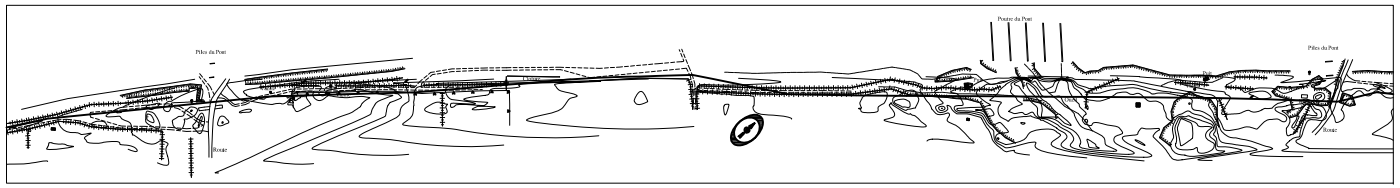
ETUDE PREPARATOIRE RELATIVE AU PROJET DE CONSTRUCTION DE LA STATION DE DESSALEMENT D'EAU DE MER Á SFAX EN REPUBLIQUE TUNISIENNE

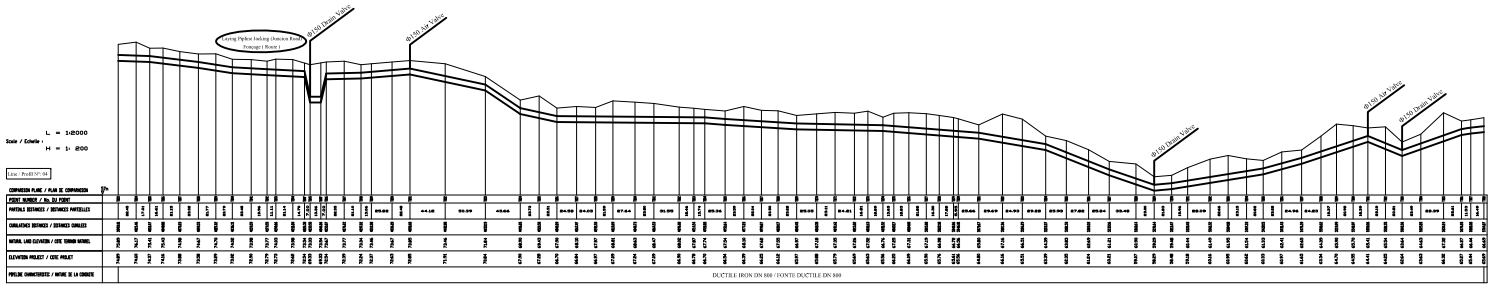
Drawing Title

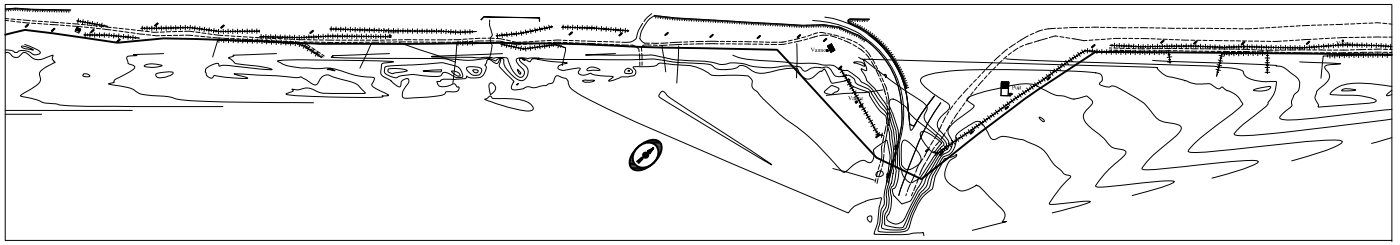
Conduites de refoulement :
Plan et profil en long -14

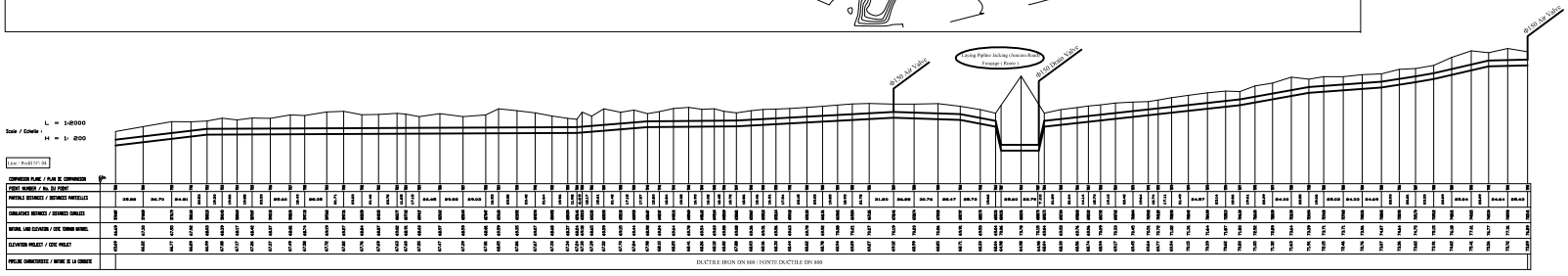
Scale:

Drawing No. 64









Project Name

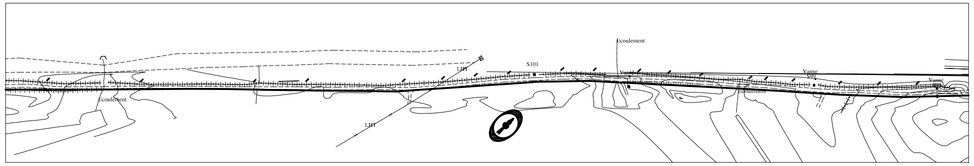
ETUDE PREPARATOIRE RELATIVE AU PROJET DE CONSTRUCTION DE LA STATION DE DESSALEMENT D'EAU DE MER Á SFAX EN REPUBLIQUE TUNISIENNE

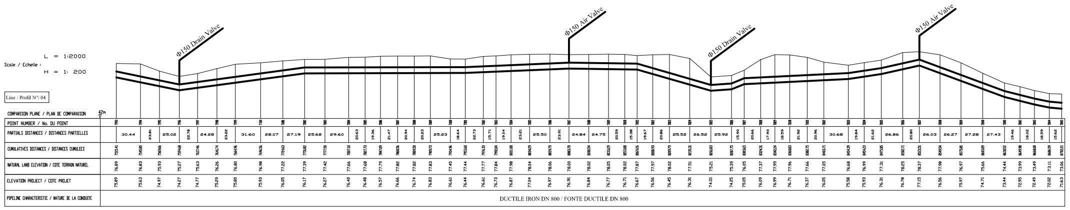
Drawing Title

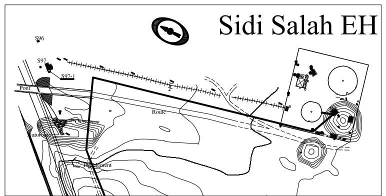
Conduites de refoulement :
Plan et profil en long -15

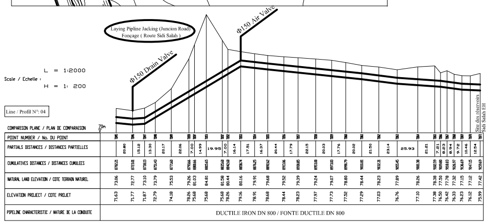
Scale:

Drawing No. 65









Project Name

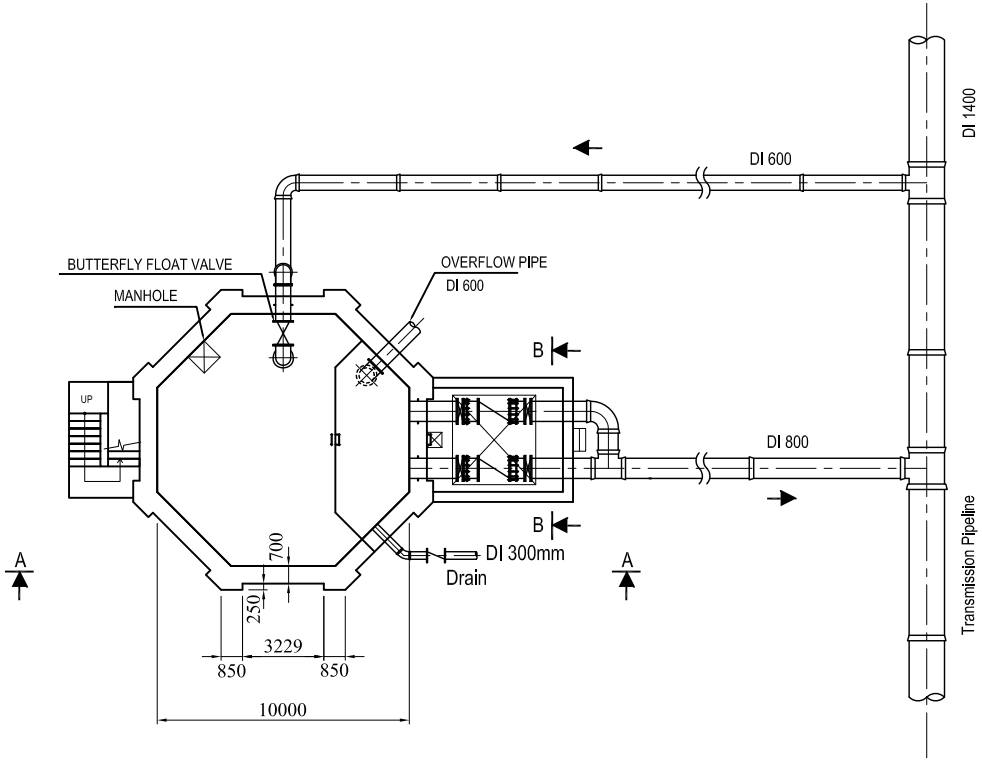
ETUDE PREPARATOIRE RELATIVE AU PROJET DE CONSTRUCTION DE LA STATION DE DESSALEMENT D'EAU DE MER Á SFAX EN REPUBLIQUE TUNISIENNE

Drawing Title

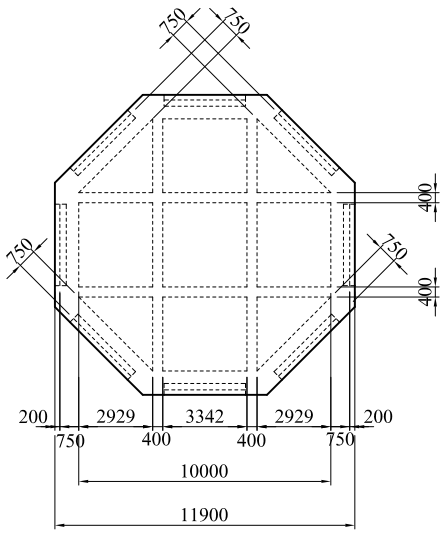
Conduites de refoulement :
Plan et profil en long -16

Scale:

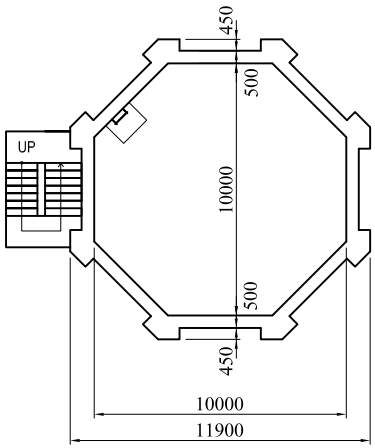
Drawing No. 66



PLAN AT BOTTOM LEVEL



ROOF SLAB BEAM PLAN



PLAN AT MIDDLE LEVEL

Project Name

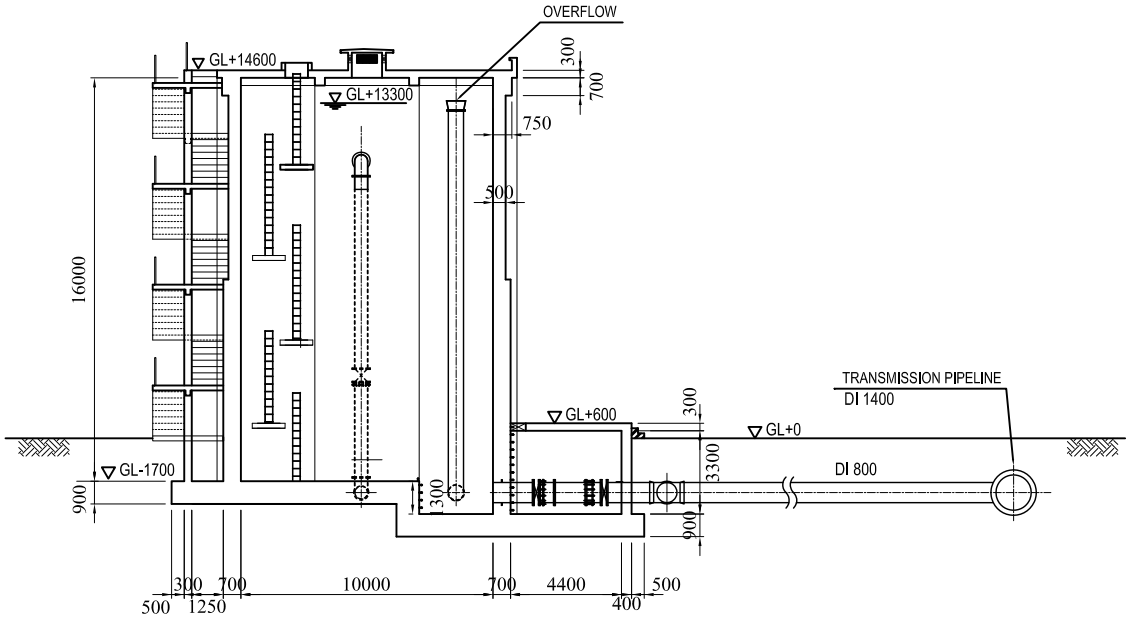
ETUDE PREPARATOIRE RELATIVE AU PROJET DE CONSTRUCTION DE LA STATION DE DESSALEMENT D'EAU DE MER Á SFAX EN REPUBLIQUE TUNISIENNE

Drawing Title

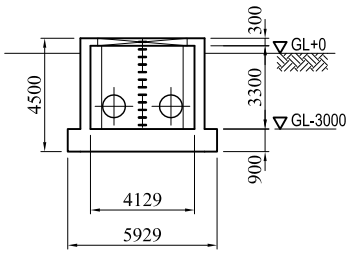
Cheminée d'équilibre: Plan 10mx15m

Scale: 1/200

Drawing No. 67



SECTION A-A



SECTION B-B

Project Name

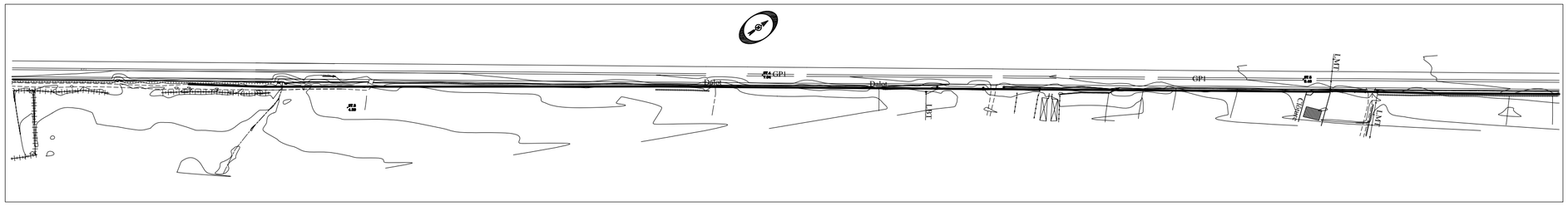
ETUDE PREPARATOIRE RELATIVE AU PROJET DE CONSTRUCTION DE LA STATION DE DESSALEMENT D'EAU DE MER Á SFAX EN REPUBLIQUE TUNISIENNE

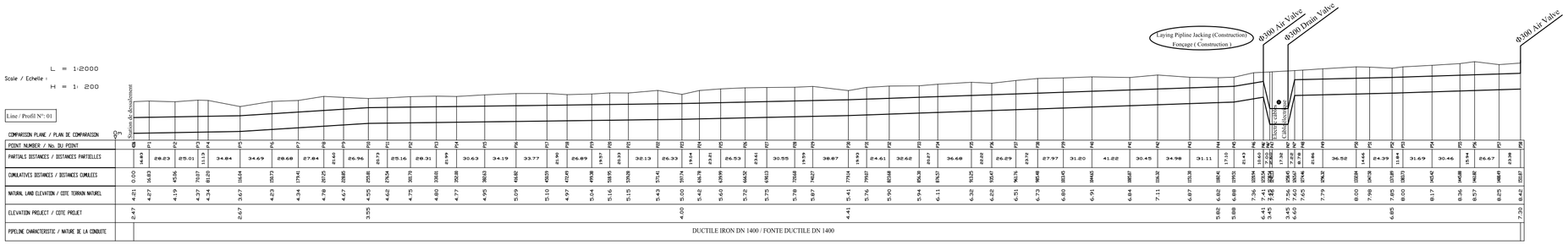
Drawing Title

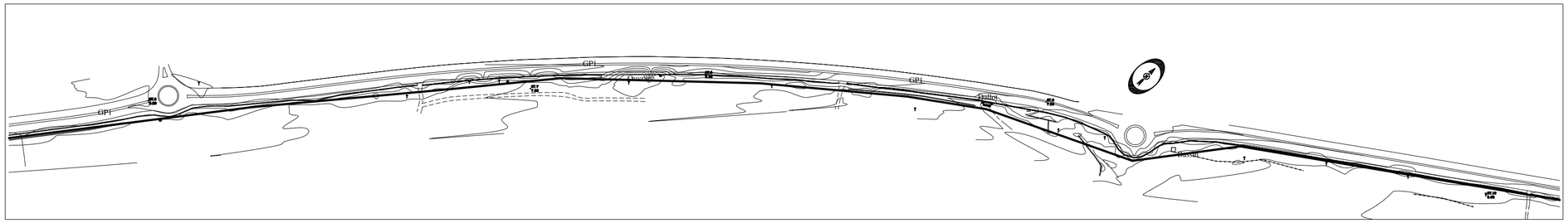
Cheminée d'équilibre: Section 10m x 15m

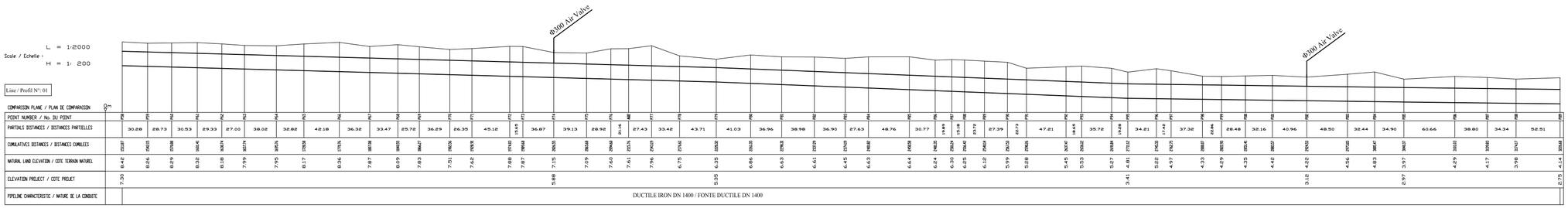
Scale: 1/200

Drawing No. 68









Project Name

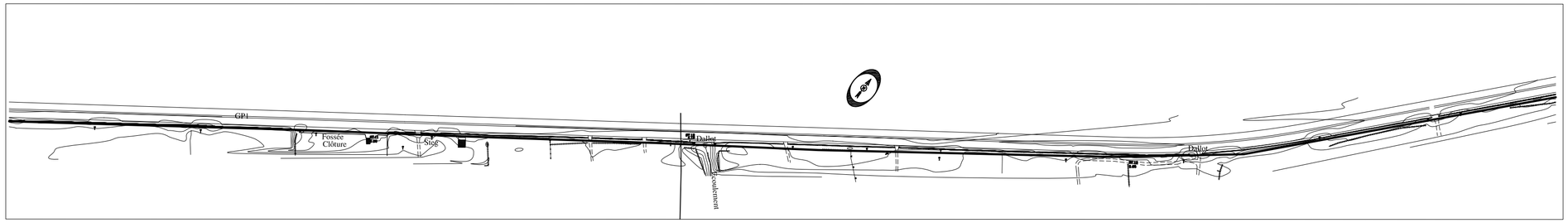
ETUDE PREPARATOIRE RELATIVE AU PROJET DE CONSTRUCTION DE LA STATION DE DESSALEMENT D'EAU DE MER Á SFAX EN REPUBLIQUE TUNISIENNE

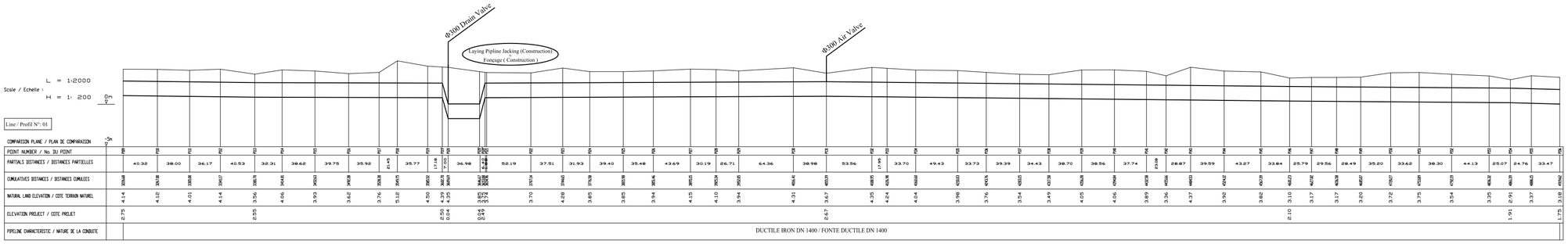
Drawing Title

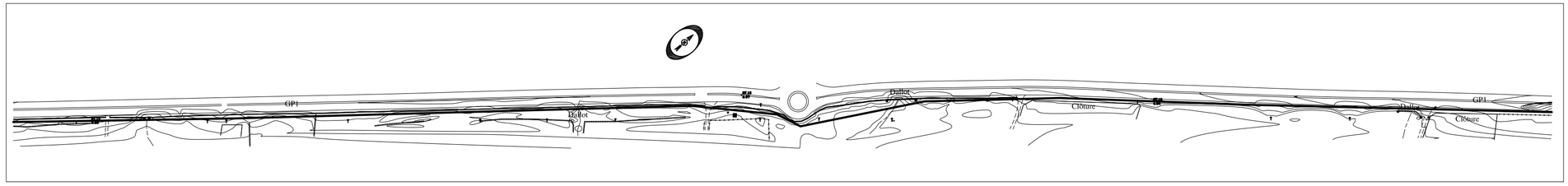
Conduites de refoulement :
Plan et profil en long -1

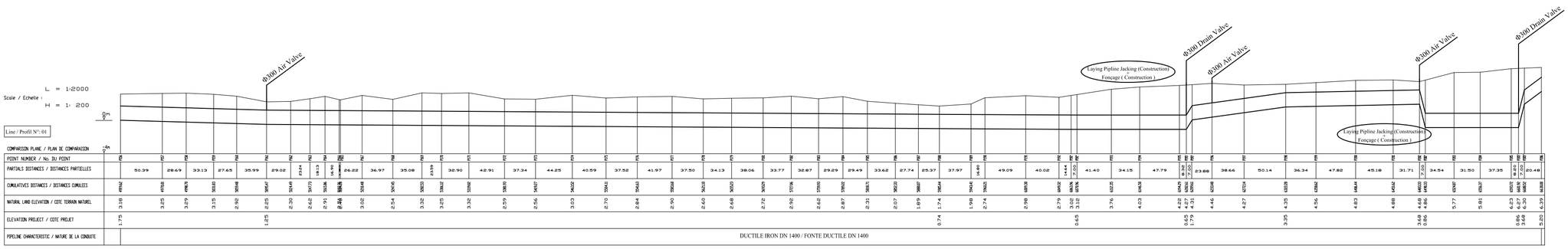
Scale:

Drawing No. 51









Project Name

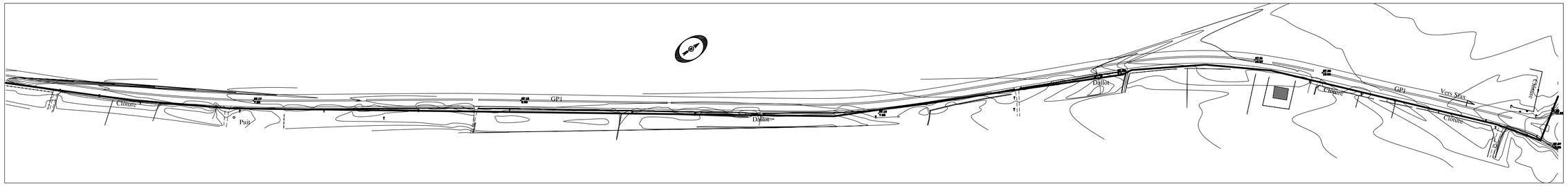
ETUDE PREPARATOIRE RELATIVE AU PROJET DE CONSTRUCTION DE LA STATION DE DESSALEMENT D'EAU DE MER Á SFAX EN REPUBLIQUE TUNISIENNE

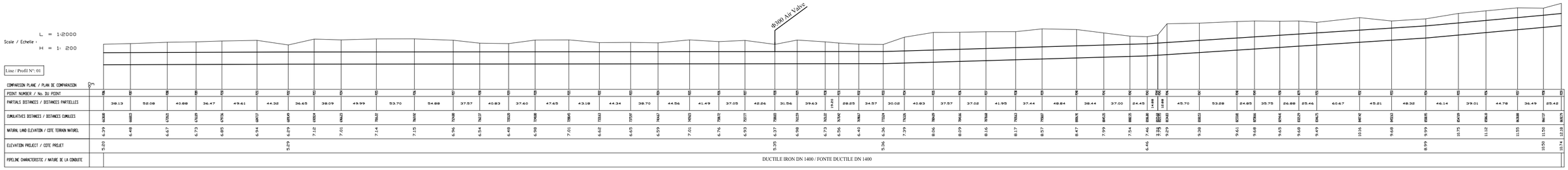
Drawing Title

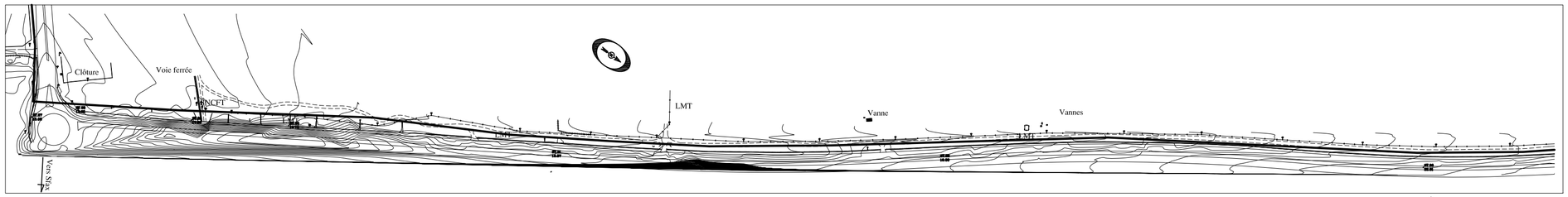
Conduites de refoulement :
Plan et profil en long -2

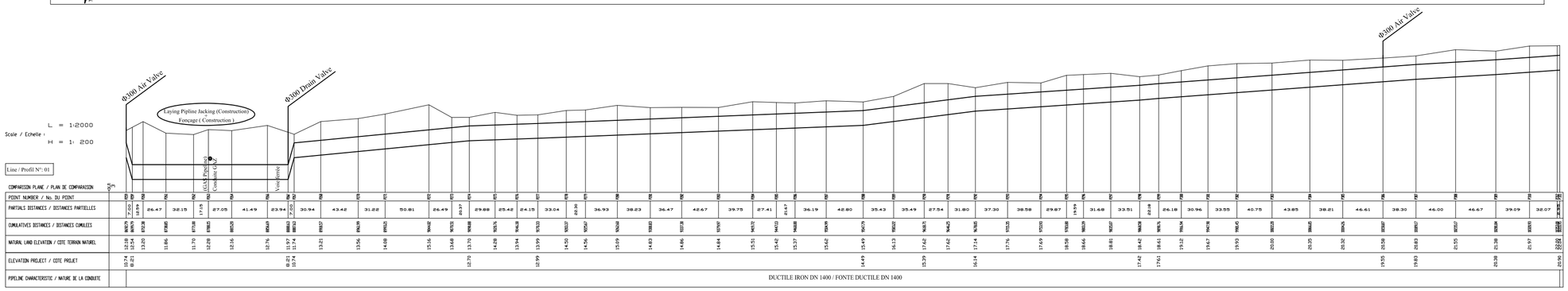
Scale:

Drawing No. 52









Project Name

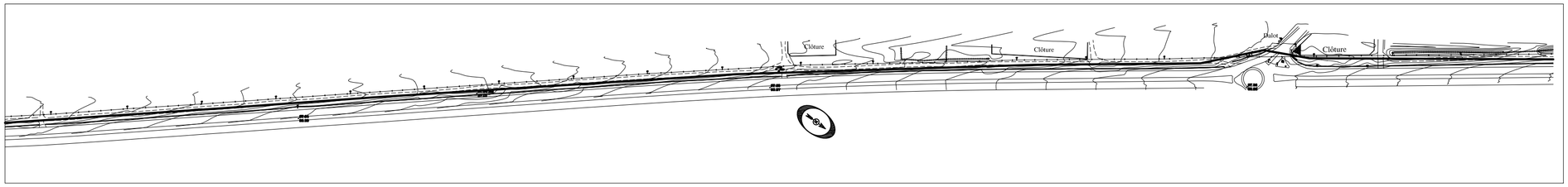
ETUDE PREPARATOIRE RELATIVE AU PROJET DE CONSTRUCTION DE LA STATION DE DESSALEMENT D'EAU DE MER Á SFAX EN REPUBLIQUE TUNISIENNE

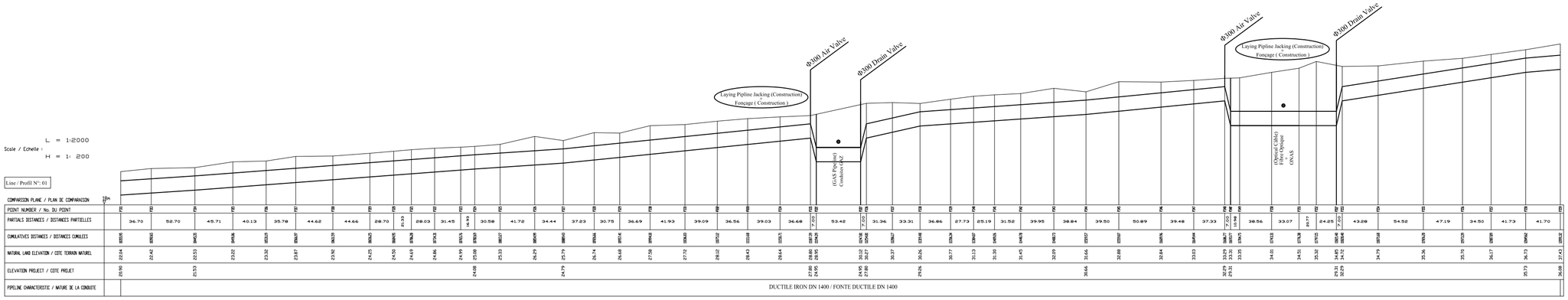
Drawing Title

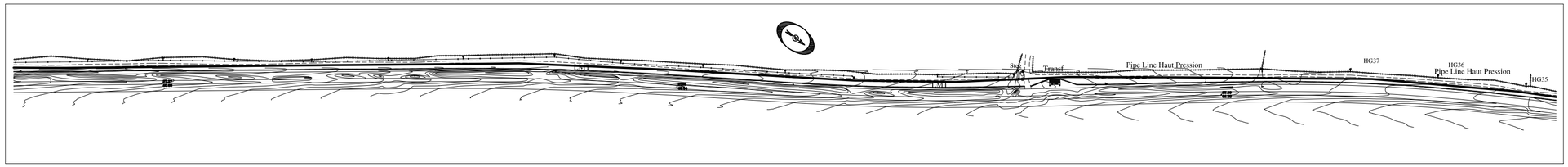
Conduites de refoulement :
Plan et profil en long -3

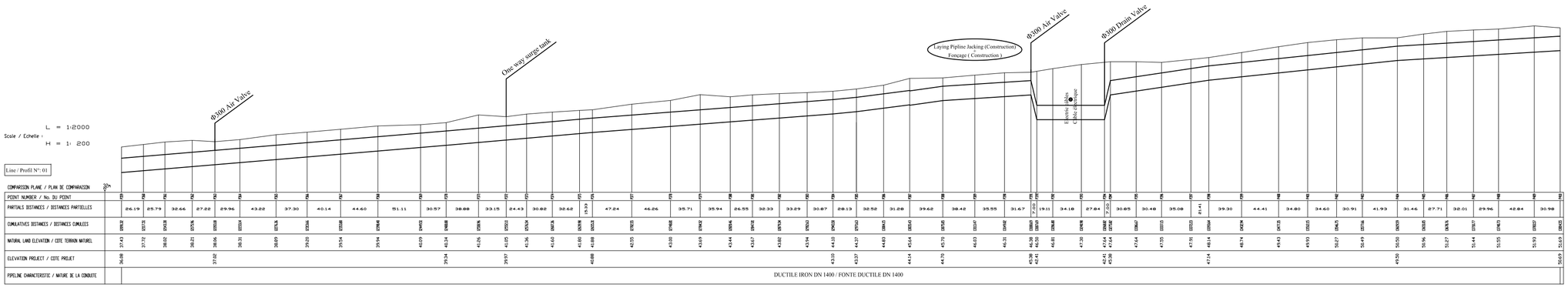
Scale:

Drawing No. 53









Project Name

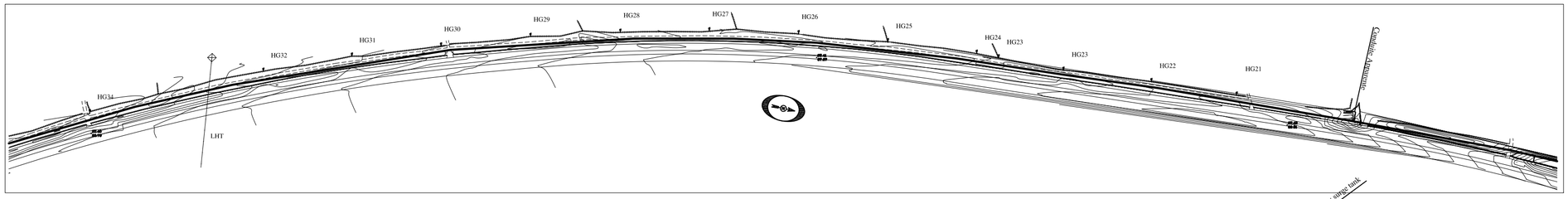
ETUDE PREPARATOIRE RELATIVE AU PROJET DE CONSTRUCTION DE LA STATION DE DESSALEMENT D'EAU DE MER Á SFAX EN REPUBLIQUE TUNISIENNE

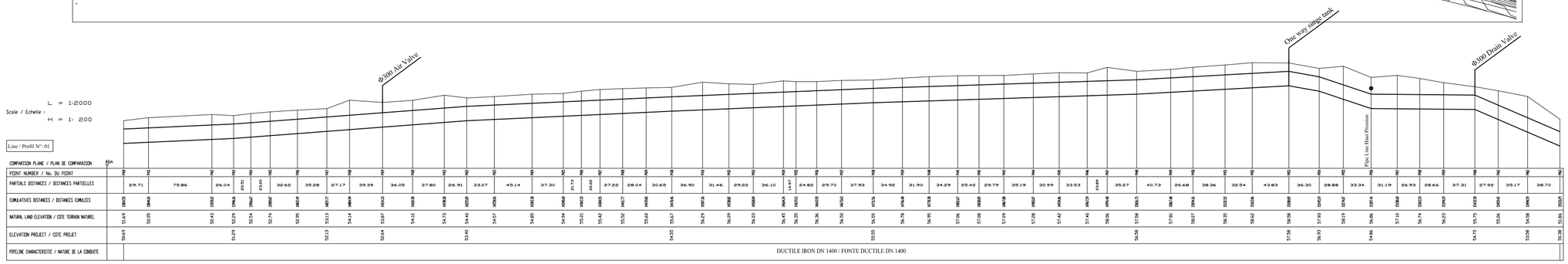
Drawing Title

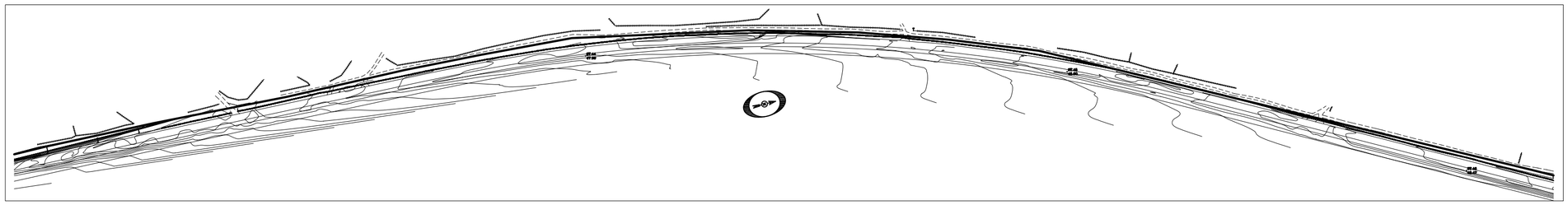
Conduites de refoulement :
Plan et profil en long -4

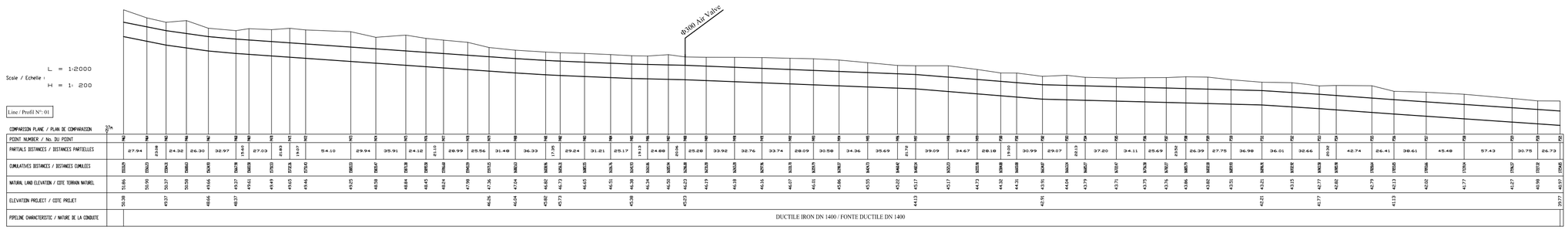
Scale:

Drawing No. 54









Project Name

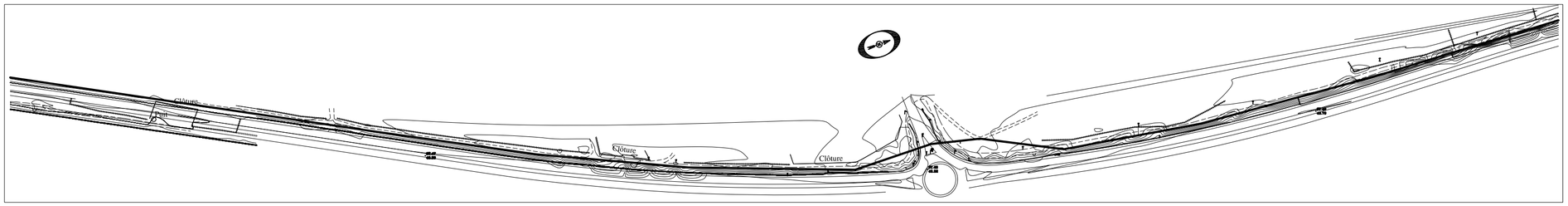
ETUDE PREPARATOIRE RELATIVE AU PROJET DE CONSTRUCTION DE LA STATION DE DESSALEMENT D'EAU DE MER Á SFAX EN REPUBLIQUE TUNISIENNE

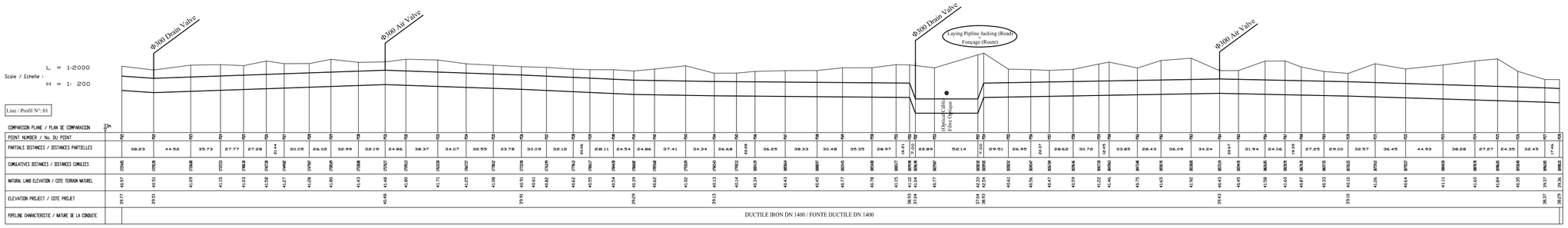
Drawing Title

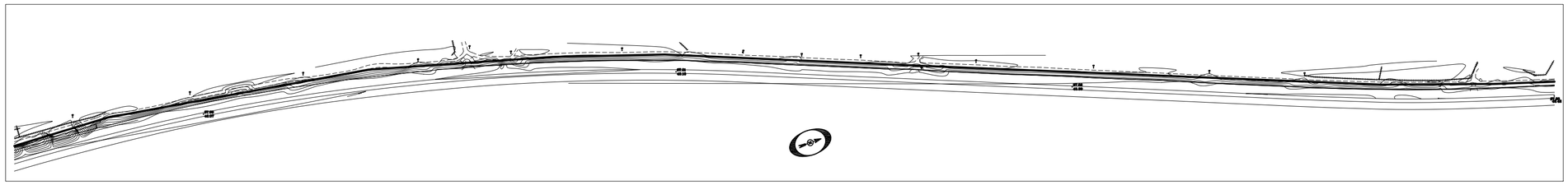
Conduites de refoulement :
Plan et profil en long -5

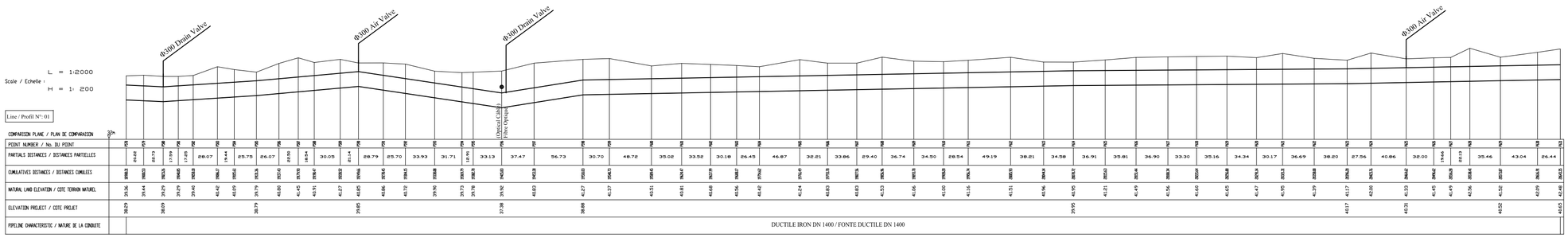
Scale:

Drawing No. 55









Project Name

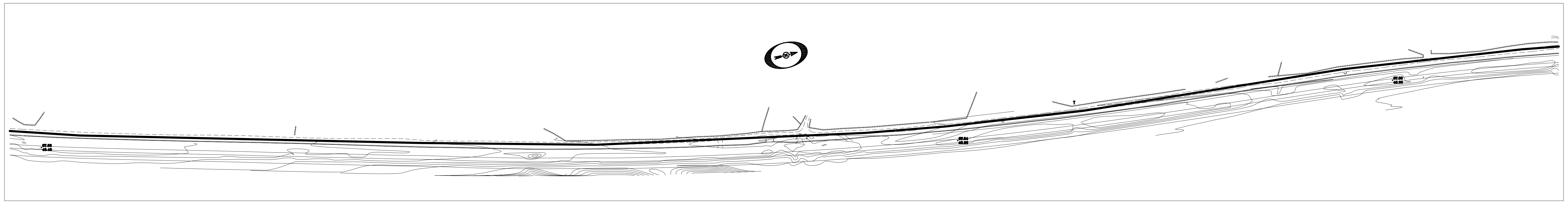
ETUDE PREPARATOIRE RELATIVE AU PROJET DE CONSTRUCTION DE LA STATION DE DESSALEMENT D'EAU DE MER Á SFAX EN REPUBLIQUE TUNISIENNE

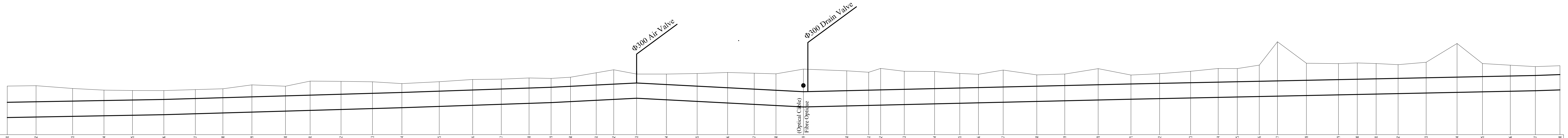
Drawing Title

Conduites de refoulement :
Plan et profil en long -6

Scale:

Drawing No. 56





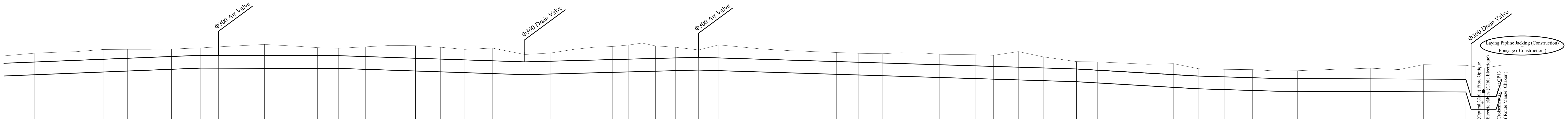
Scale / Echelle : L = 1:2000 H = 1: 200

Line / Profil N°: 01

COMPARISON PLANE / PLAN DE COMPARAISON 37m

POINT NUMBER / No. DU POINT	PARTIALS DISTANCES / DISTANCES PARTIELLES (to next point)	CUMULATIVES DISTANCES / DISTANCES CUMULEES	NATURAL LAND ELEVATION / COTE TERRAIN NATUREL	ELEVATION PROJECT / COTE PROJET
P631	32.40	20643.35	42.48	40.65
P632	41.17	20675.75	42.52	
P633	35.34	20716.92	42.21	
P634	32.07	20752.26	42.02	
P635	35.31	20784.33	41.98	
P636	35.48	20819.64	41.97	40.97
P637	30.97	20855.12	42.08	
P638	32.69	20886.09	42.17	
P639	37.74	20918.78	42.61	
P640	27.79	20956.52	42.46	
P641	34.80	20984.31	43.04	
P642	35.36	21019.11	43.01	
P643	33.15	21054.47	42.96	
P644	42.08	21087.62	42.76	41.76
P645	37.60	21129.70	42.97	
P646	32.27	21167.30	43.22	
P647	31.17	21199.57	43.26	
P648	24.81	21230.74	43.39	
P649	21.90	21255.55	43.34	42.34
P650	28.92	21277.45	43.48	
P651	19.72	21306.37	43.98	
P652	25.75	21326.09	44.32	
P653	33.53	21351.84	43.83	42.83
P654	34.63	21385.37	43.83	
P655	34.28	21420.00	43.89	
P656	30.00	21454.28	44.01	
P657	24.45	21484.28	43.93	
P658	30.94	21508.73	43.86	
P659	48.80	21539.67	44.39	41.85
P660	24.68	21588.47	44.20	
P661	13.44	21613.15	44.04	
P662	26.60	21626.59	44.47	
P663	34.12	21653.19	44.15	
P664	28.33	21687.31	44.12	
P665	21.04	21715.64	43.90	
P666	27.86	21736.68	43.81	
P667	37.87	21764.54	44.28	
P668	31.43	21802.41	43.74	
P669	37.65	21833.84	43.83	
P670	36.88	21871.49	44.44	
P671	32.28	21908.37	43.72	42.72
P672	34.88	21940.65	43.88	
P673	31.07	21975.53	44.15	
P674	21.52	22006.60	44.46	
P675	24.73	22028.12	44.45	
P676	20.51	22052.85	44.84	
P677	32.60	22073.36	45.47	
P678	36.01	22105.96	45.05	
P679	21.22	22141.97	45.01	
P680	21.25	22163.19	45.09	
P681	24.65	22184.44	45.02	
P682	31.62	22209.09	44.89	
P683	34.79	22240.71	45.16	
P684	28.63	22275.50	45.28	
P685	31.35	22304.13	45.02	
P686	28.15	22335.48	44.83	
P687	27.75	22363.63	44.67	43.67
P688		22391.38	44.77	43.77

PIPELINE CHARACTERISTIC / NATURE DE LA CONDUITE: DUCTILE IRON DN 1400 / FONTE DUCTILE DN 1400



Scale / Echelle : L = 1:2000 H = 1: 200

Line / Profil N°: 01

COMPARISON PLANE / PLAN DE COMPARAISON 36m

POINT NUMBER / No. DU POINT	PARTIALS DISTANCES / DISTANCES PARTIELLES (to next point)	CUMULATIVES DISTANCES / DISTANCES CUMULEES	NATURAL LAND ELEVATION / COTE TERRAIN NATUREL	ELEVATION PROJECT / COTE PROJET
P688	41.61	22391.38	44.77	43.77
P689	23.43	22432.99	45.13	
P690	32.16	22456.42	45.23	
P691	36.99	22488.58	45.33	
P692	32.64	22525.57	45.63	
P693	30.18	22558.21	45.65	
P694	29.43	22588.39	45.65	
P695	39.47	22617.82	45.69	
P696	24.08	22657.29	45.84	44.84
P697	62.00	22681.37	45.99	44.83
P698	39.99	22743.37	46.31	
P699	31.82	22783.36	46.09	
P700	28.39	22815.18	45.88	
P701	36.16	22843.57	45.79	44.79
P702	33.59	22879.73	45.99	
P703	34.08	22913.32	46.17	
P704	33.72	22947.40	46.14	
P705	32.93	22981.12	45.93	
P706	37.16	23014.05	45.64	
P707	43.87	23051.21	45.82	
P708	35.16	23095.08	44.95	43.95
P709	29.99	23130.24	45.16	
P710	29.79	23160.23	45.63	
P711	23.37	23190.02	45.94	
P712	22.03	23213.39	46.03	
P713	18.12	23235.42	46.23	
P714	17.97	23253.54	46.49	
P715	25.37	23271.51	46.11	
P716	1.56	23296.88	45.94	
P717	31.41	23298.44	45.93	
P718	27.27	23329.85	45.57	44.57
P719	56.81	23357.12	46.25	
P720	40.71	23413.93	45.71	
P721	61.30	23454.64	45.46	
P722	30.20	23515.94	45.22	
P723	32.48	23546.14	45.11	
P724	24.84	23578.62	45.06	
P725	33.95	23603.46	45.18	
P726	17.58	23637.41	45.12	
P727	19.98	23654.99	44.99	
P728	28.61	23674.97	44.95	
P729	24.74	23703.58	44.92	
P730	33.57	23728.32	44.84	
P731	33.53	23761.89	45.34	
P732	44.90	23795.42	44.63	
P733	28.56	23840.32	44.00	43.00
P734	31.47	23868.88	43.95	
P735	36.51	23900.35	43.81	
P736	34.26	23936.86	43.62	
P737	33.75	23971.12	43.72	
P738	35.01	24004.87	43.04	42.04
P739	38.09	24039.88	42.95	
P740	34.76	24077.97	42.91	
P741	25.95	24112.73	42.71	41.71
P742	30.53	24138.68	42.77	
P743	32.39	24169.21	42.88	
P744	36.10	24201.60	43.00	
P745	38.22	24237.70	43.10	
P746	33.11	24275.92	42.92	
P747	57.29	24309.03	43.58	
P748	7.00	24366.32	43.49	41.61
P748'	17.93	24373.32	43.39	39.29
P749	15.98	24391.25	43.12	
P749'	7.70	24407.23	43.38	39.29
A8838		24414.93	43.51	41.61

PIPELINE CHARACTERISTIC / NATURE DE LA CONDUITE: DUCTILE IRON DN 1400 / FONTE DUCTILE DN 1400

Project Name

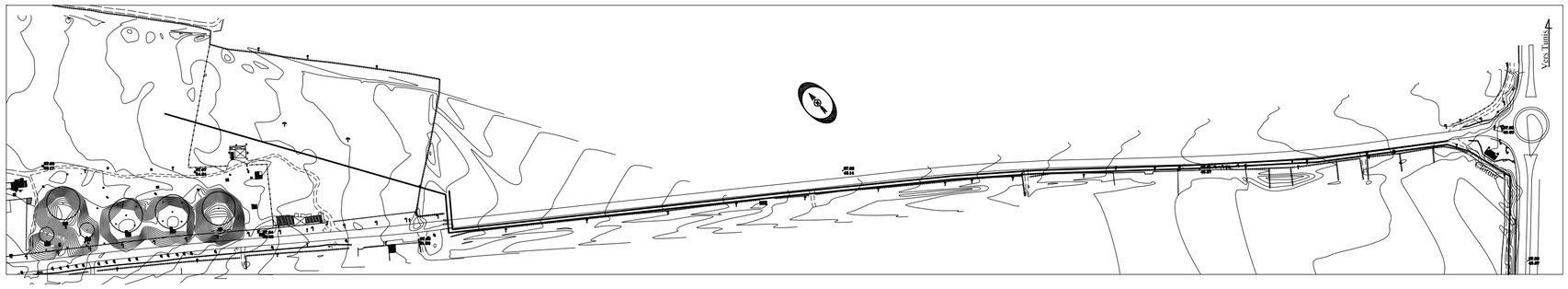
ETUDE PREPARATOIRE RELATIVE AU PROJET DE CONSTRUCTION DE LA STATION DE DESSALEMENT D'EAU DE MER Á SFAX EN REPUBLIQUE TUNISIENNE

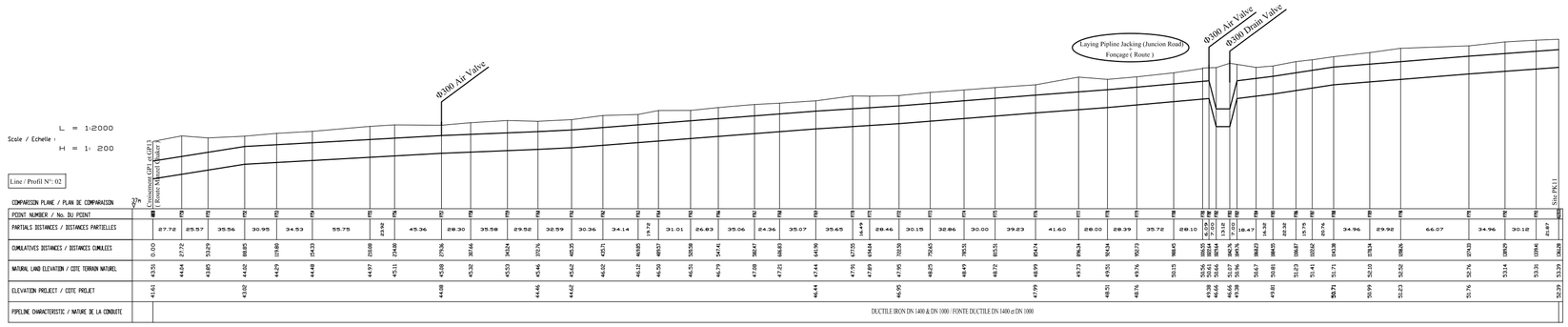
Drawing Title

Conduites de refoulement :
Plan et profil en long -7

Scale:

Drawing No. 57





Scale / Echelle : L = 1:2000 H = 1: 200

Line / Profil N°: 02

COMPARISON PLANE / PLAN DE COMPARAISON 37m

POINT NUMBER / No. DU POINT		PK0	PK1	PK2	PK3	PK4	PK5	PK6	PK7	PK8	PK9	PK10	PK11	PK12	PK13	PK14	PK15	PK16	PK17	PK18	PK19	PK20	PK21	PK22	PK23	PK24	PK25	PK26	PK27	PK28	PK29	PK30	PK31	PK32	PK33	PK34	PK35	PK36	PK37	PK38	PK39	PK40	PK41	PK42	PK43	PK44	PK45	PK46	PK47	PK48	PK49	PK50	PK51	PK52	PK53	PK54	PK55	PK56	PK57	PK58	PK59	PK60	PK61
PARTIALS DISTANCES / DISTANCES PARTIELLES		27.72	25.57	35.56	30.95	34.53	55.75	23.92	45.36	28.30	35.58	29.52	32.59	30.36	34.14	19.72	31.01	26.83	35.06	24.36	35.07	35.65	14.49	28.46	30.15	32.86	30.00	39.23	41.60	28.00	28.39	35.72	28.10	6.06	7.00	7.20	18.47	14.32	28.32	19.79	28.74	34.96	29.92	66.07	34.96	30.12	23.87	0.00
CUMULATIVES DISTANCES / DISTANCES CUMULEES	0.00	27.72	53.29	88.85	119.80	154.33	210.08	233.92	279.28	307.58	343.16	372.68	405.27	435.63	469.77	489.49	520.50	547.33	582.39	606.75	641.82	676.47	690.96	719.42	749.57	782.43	812.43	851.66	893.26	921.26	949.65	985.37	1013.47	1019.53	1026.53	1033.73	1052.20	1066.52	1094.84	1114.63	1143.37	1178.33	1208.25	1274.32	1308.28	1338.40	1362.27
NATURAL LAND ELEVATION / COTE TERRAIN NATUREL	43.51	44.64	43.85	44.02	44.29	44.48	44.97	45.11	45.08	45.32	45.33	45.46	45.62	46.02	46.12	46.30	46.35	46.79	47.08	47.25	47.44	47.76	47.89	47.95	48.25	48.49	48.72	48.99	49.73	49.51	49.76	50.15	50.56	50.54	50.66	50.96	50.81	51.23	51.41	51.71	52.10	52.52	52.76	53.14	53.31	53.39	53.39
ELEVATION PROJECT / COTE PROJET	43.61			43.82					44.08			44.46	44.62								46.44			46.95				47.99			48.51	48.76		48.38	48.66	48.38				49.81			50.71		50.99	51.23		51.76			52.39
PIPELINE CHARACTERISTIC / NATURE DE LA CONDUITE	DUCTILE IRON DN 1400 & DN 1000 / FONTE DUCTILE DN 1400 et DN 1000																																																																			

Project Name

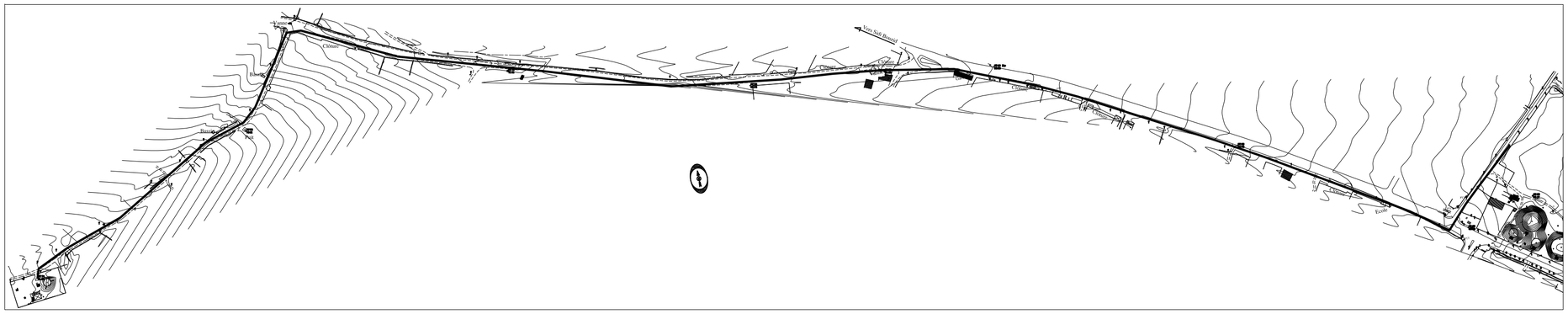
ETUDE PREPARATOIRE RELATIVE AU PROJET DE CONSTRUCTION DE LA STATION DE DESSALEMENT D'EAU DE MER Á SFAX EN REPUBLIQUE TUNISIENNE

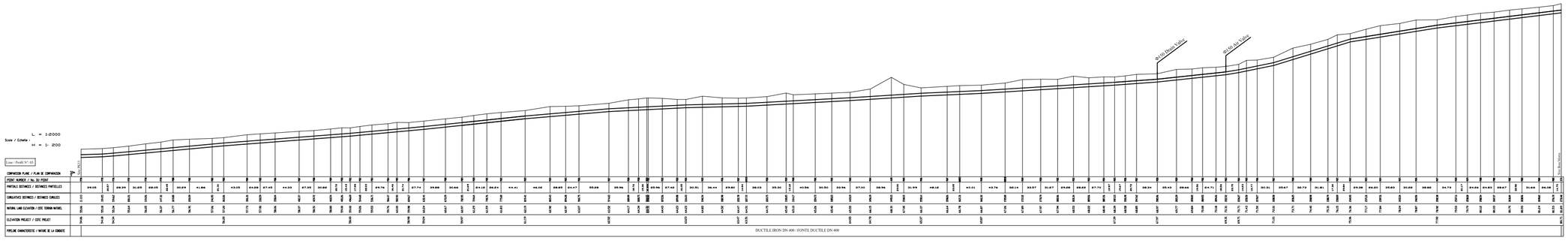
Drawing Title

Conduites de refoulement :
Plan et profil en long -8

Scale:

Drawing No. 58





Project Name

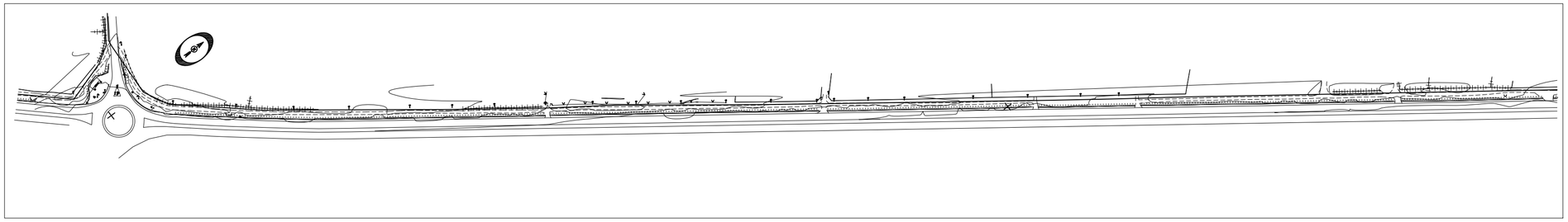
ETUDE PREPARATOIRE RELATIVE AU PROJET DE CONSTRUCTION DE LA STATION DE DESSALEMENT D'EAU DE MER Á SFAX EN REPUBLIQUE TUNISIENNE

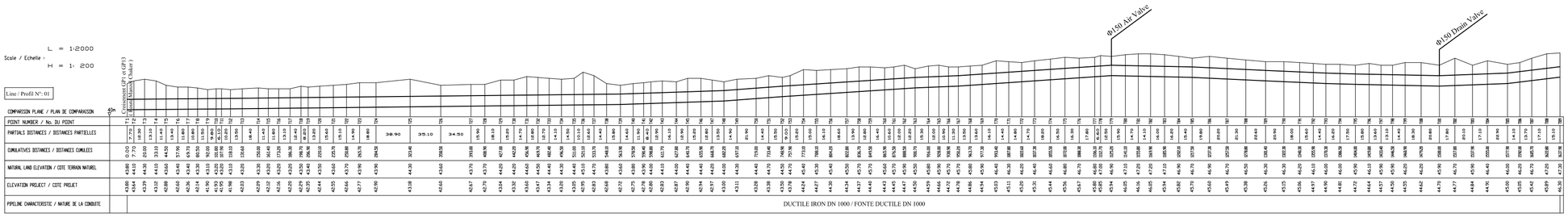
Drawing Title

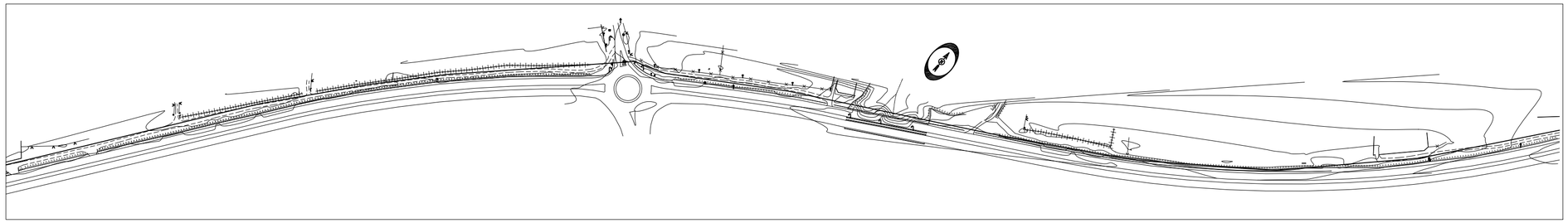
Conduites de refoulement :
Plan et profil en long -9

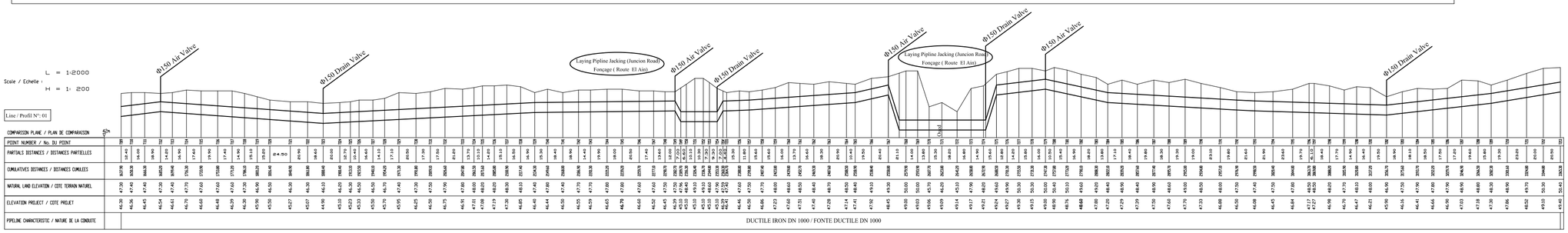
Scale:

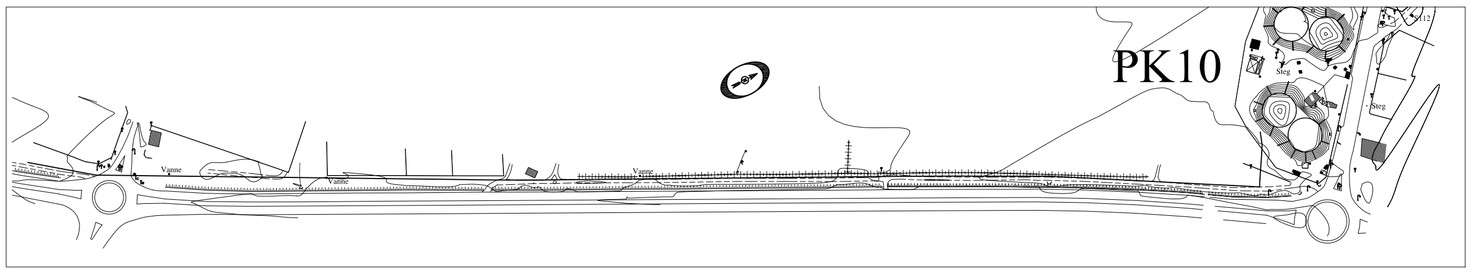
Drawing No. 59

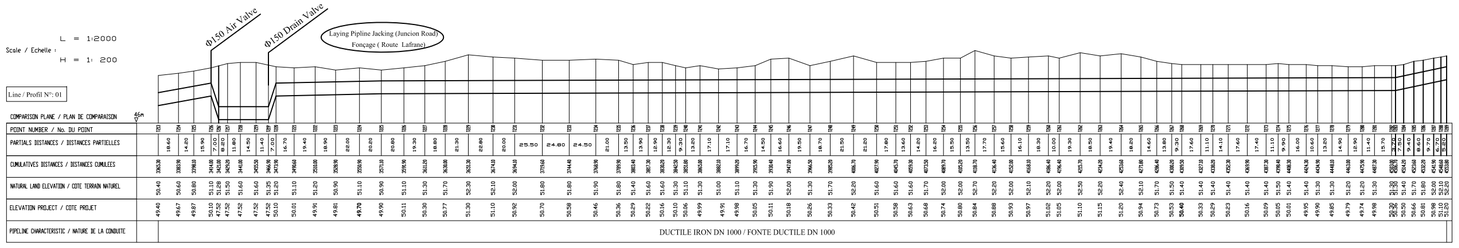












Project Name

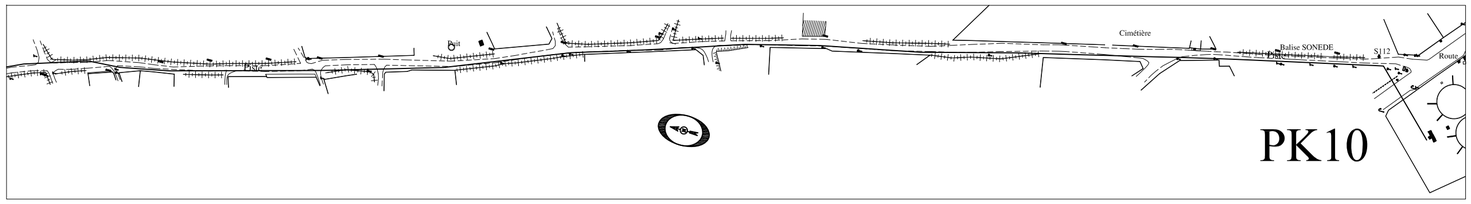
ETUDE PREPARATOIRE RELATIVE AU PROJET DE CONSTRUCTION DE LA STATION DE DESSALEMENT D'EAU DE MER Á SFAX EN REPUBLIQUE TUNISIENNE

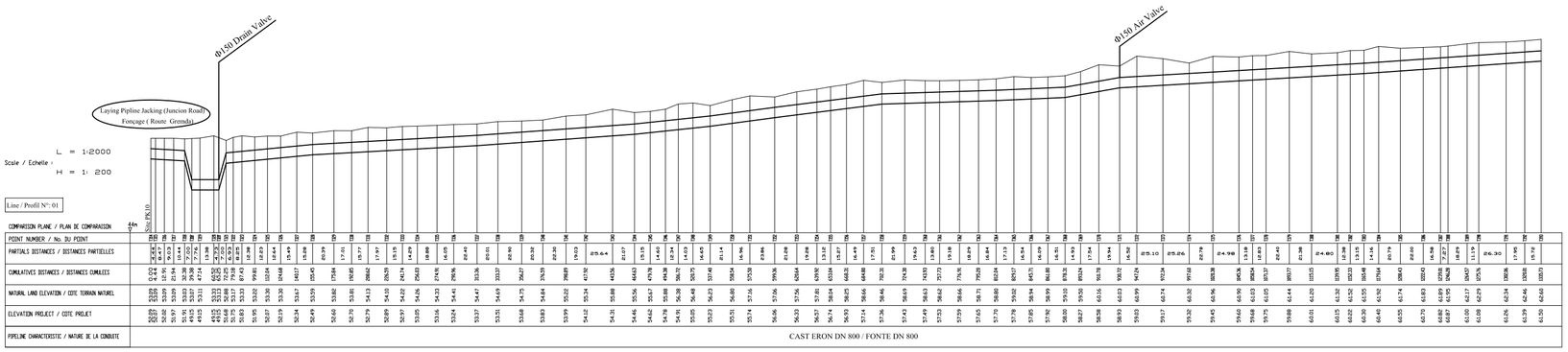
Drawing Title

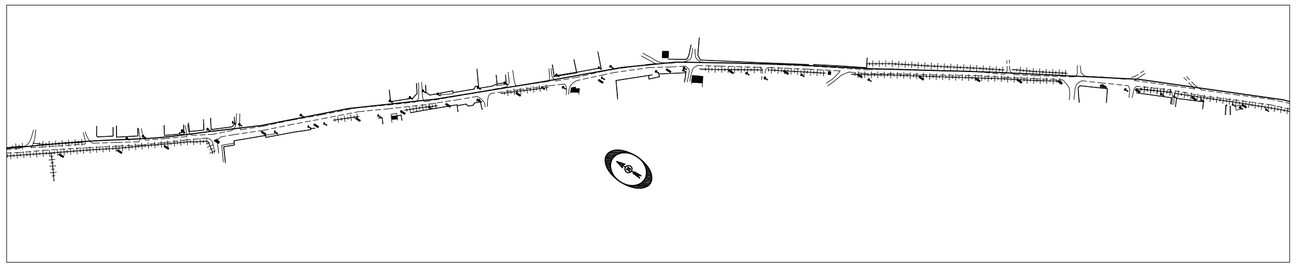
Conduites de refoulement :
Plan et profil en long -10

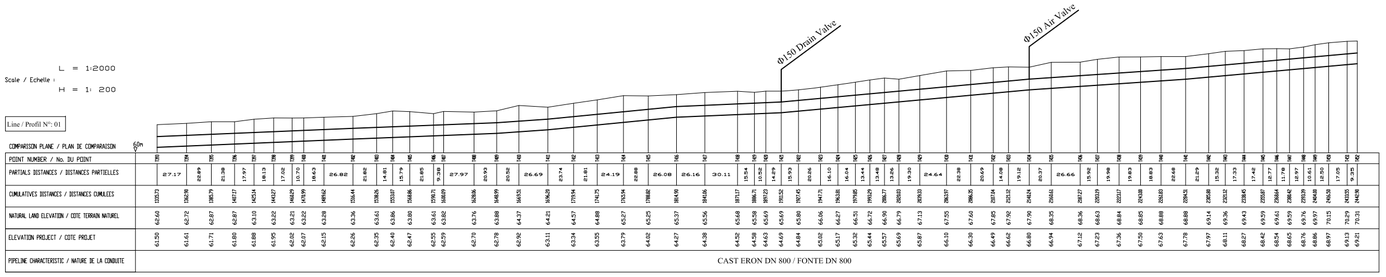
Scale:

Drawing No. 60









Project Name

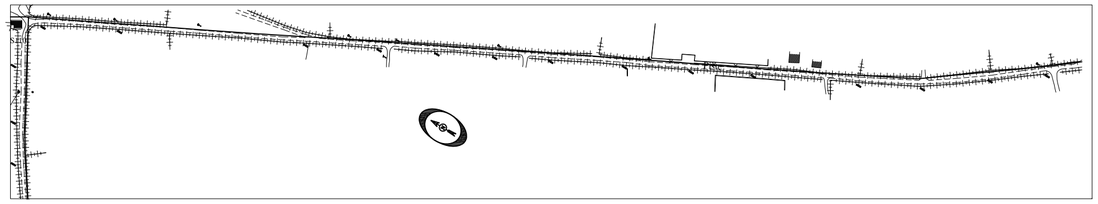
ETUDE PREPARATOIRE RELATIVE AU PROJET DE CONSTRUCTION DE LA STATION DE DESSALEMENT D'EAU DE MER Á SFAX EN REPUBLIQUE TUNISIENNE

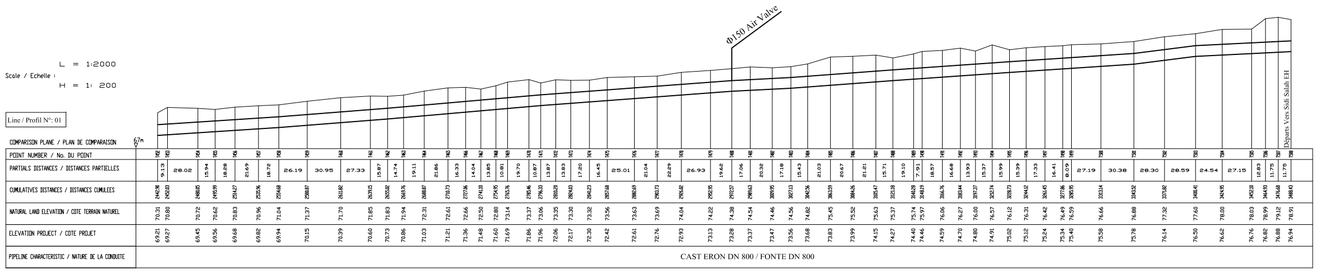
Drawing Title

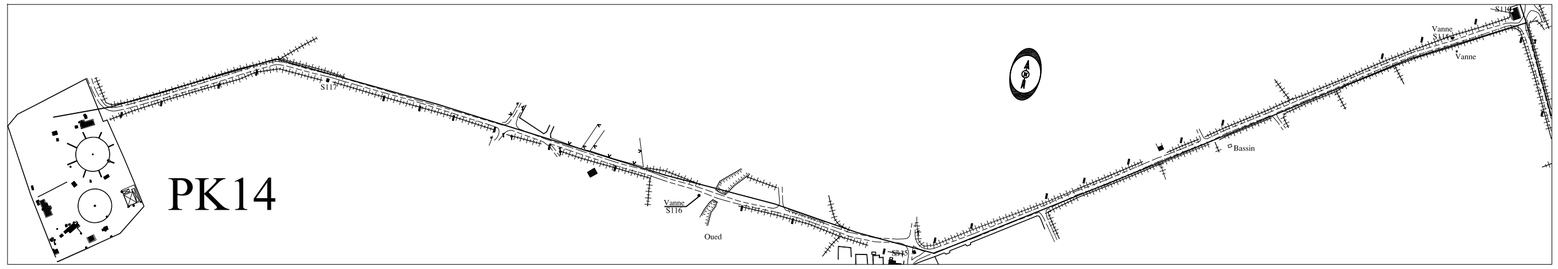
Conduites de refoulement :
Plan et profil en long -11

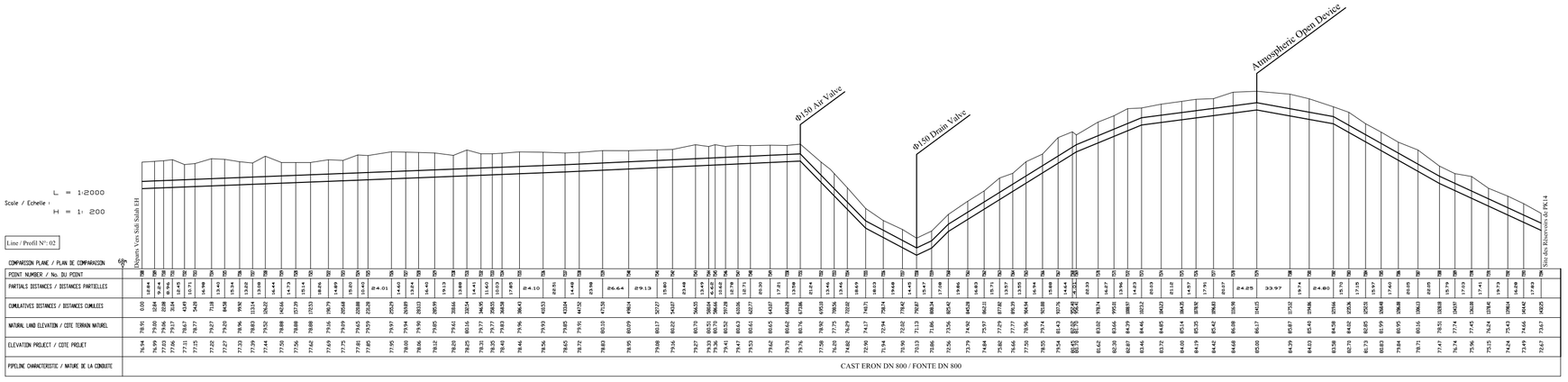
Scale:

Drawing No. 61









Project Name

ETUDE PREPARATOIRE RELATIVE AU PROJET DE CONSTRUCTION DE LA STATION DE DESSALEMENT D'EAU DE MER Á SFAX EN REPUBLIQUE TUNISIENNE

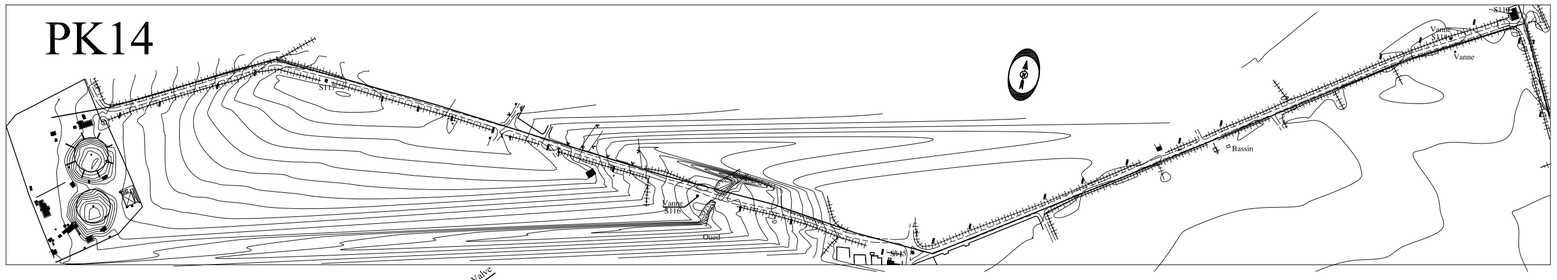
Drawing Title

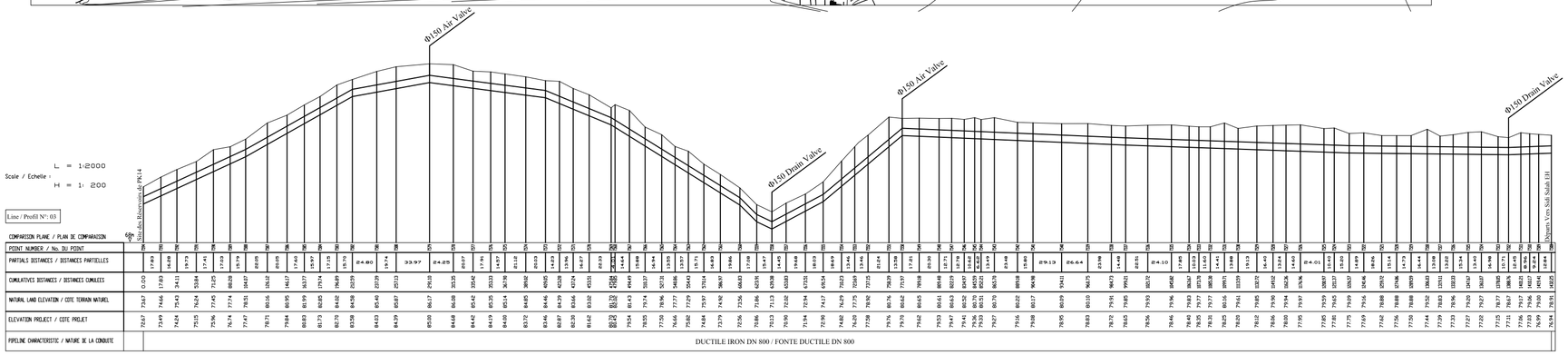
Conduites de refoulement :
Plan et profil en long -12

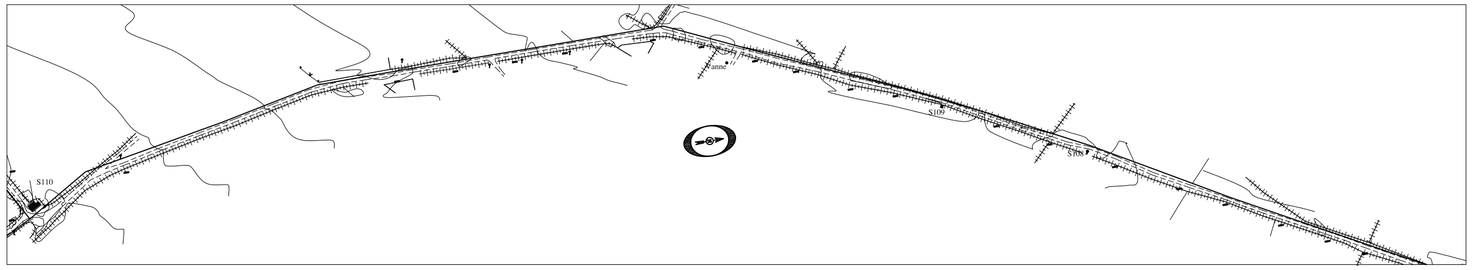
Scale:

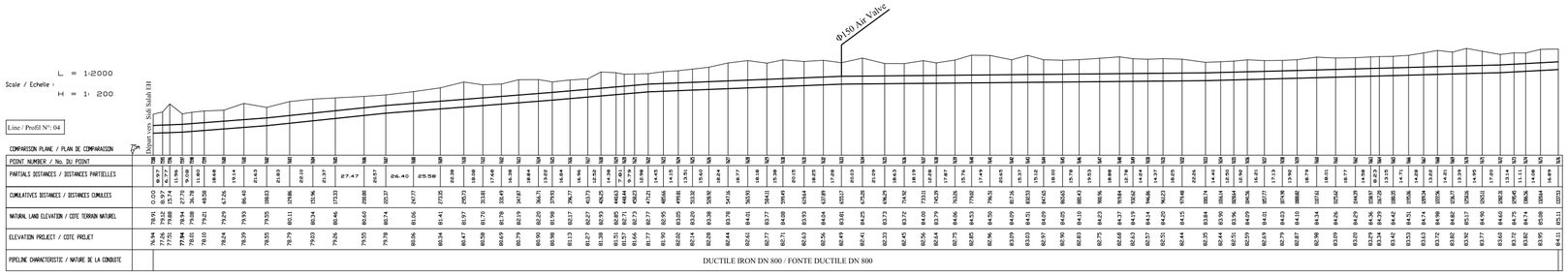
Drawing No. 62

PK14









Project Name

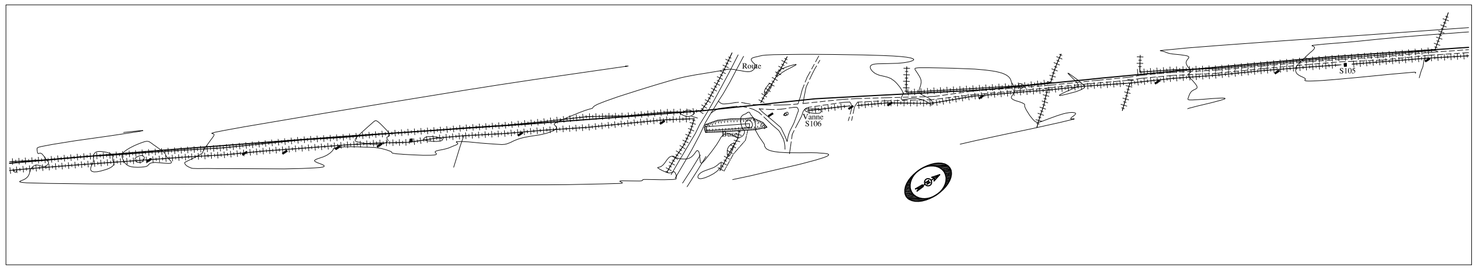
ETUDE PREPARATOIRE RELATIVE AU PROJET DE CONSTRUCTION DE LA STATION DE DESSALEMENT D'EAU DE MER Á SFAX EN REPUBLIQUE TUNISIENNE

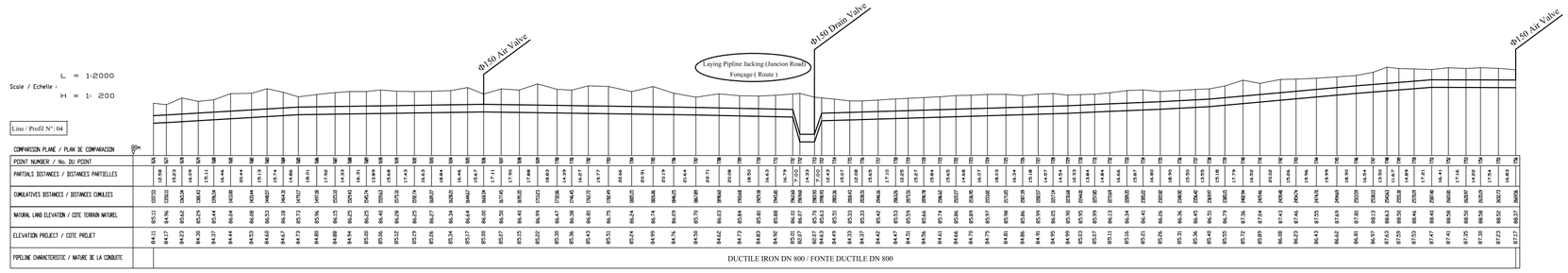
Drawing Title

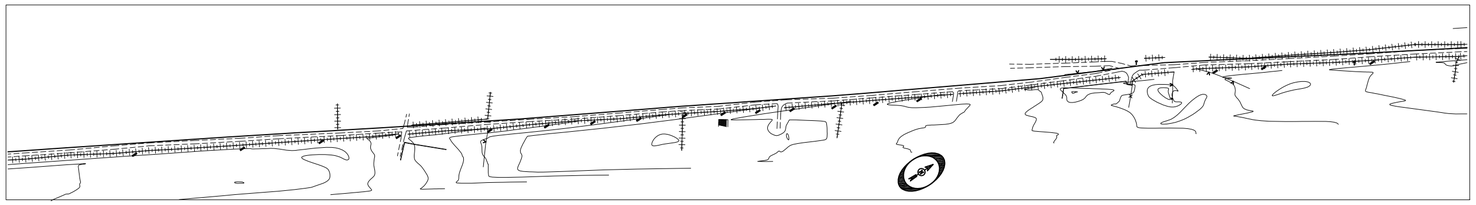
Conduites de refoulement :
Plan et profil en long -13

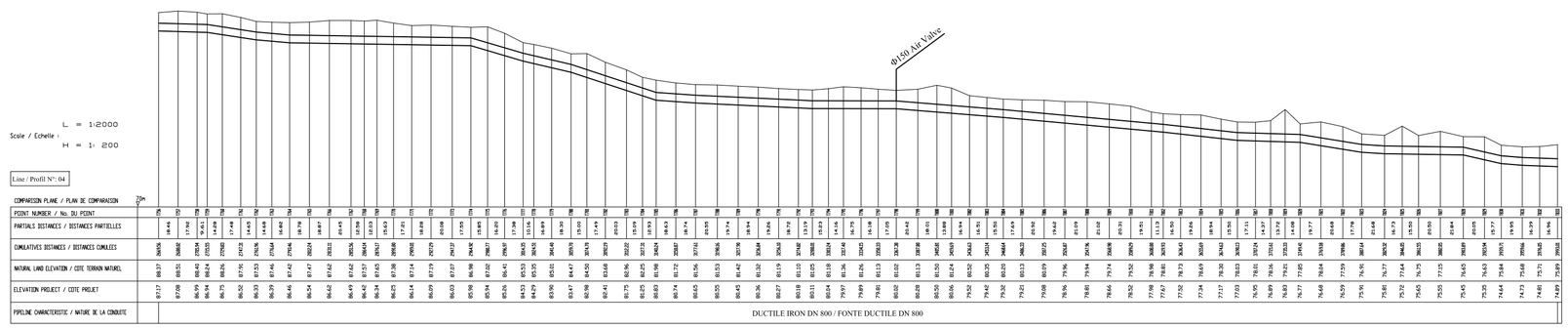
Scale:

Drawing No. 63









Project Name

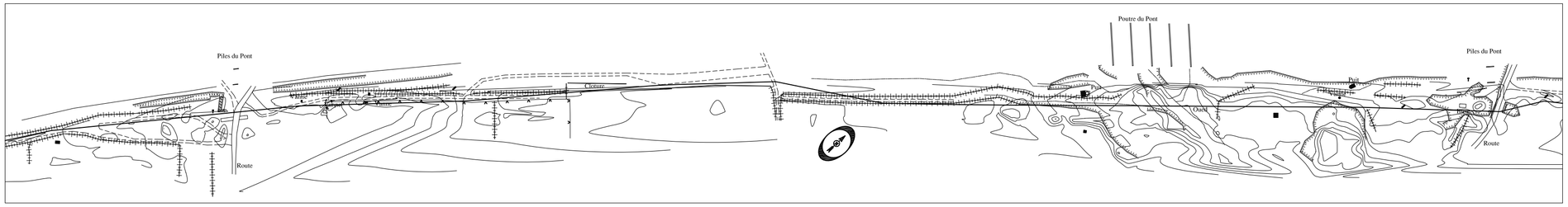
ETUDE PREPARATOIRE RELATIVE AU PROJET DE CONSTRUCTION DE LA STATION DE DESSALEMENT D'EAU DE MER Á SFAX EN REPUBLIQUE TUNISIENNE

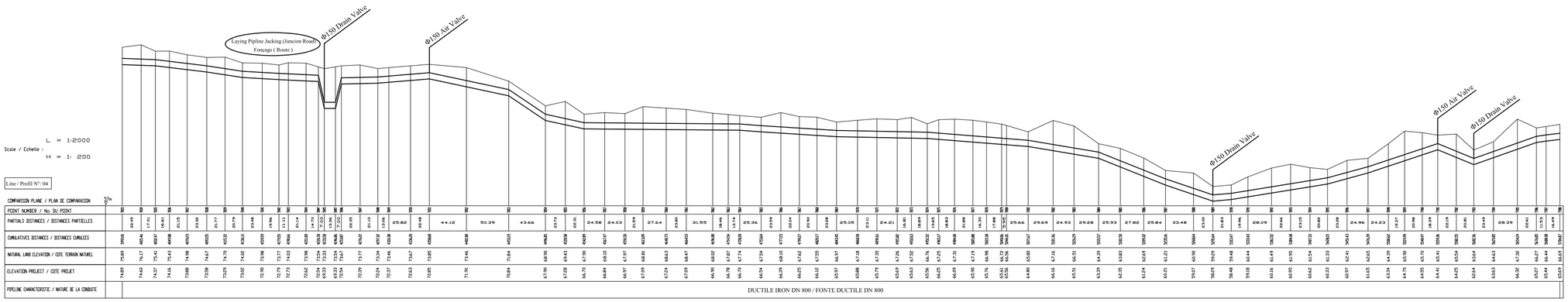
Drawing Title

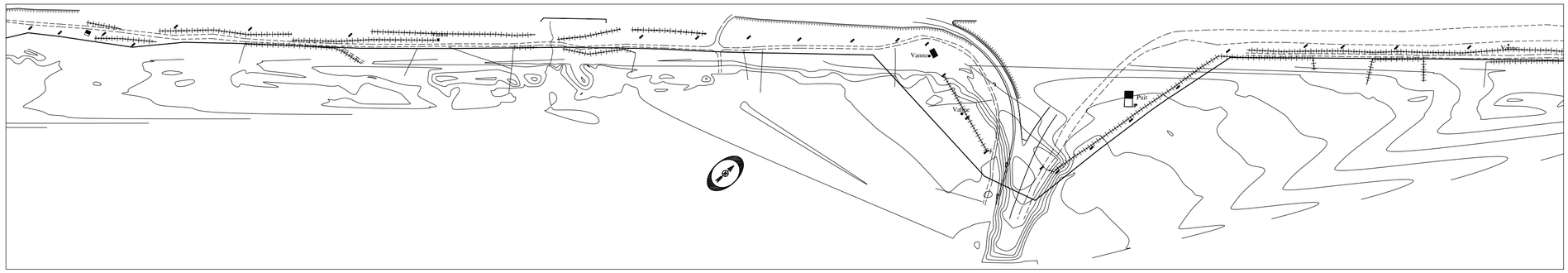
Conduites de refoulement :
Plan et profil en long -14

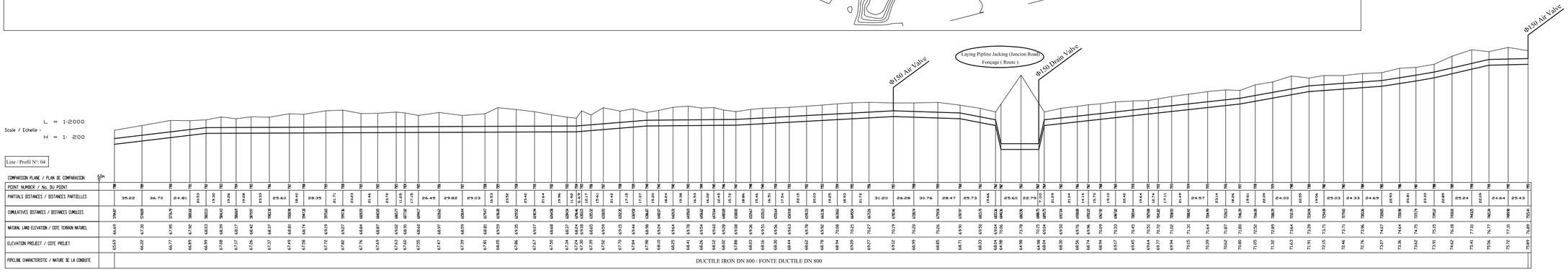
Scale:

Drawing No. 64









Project Name

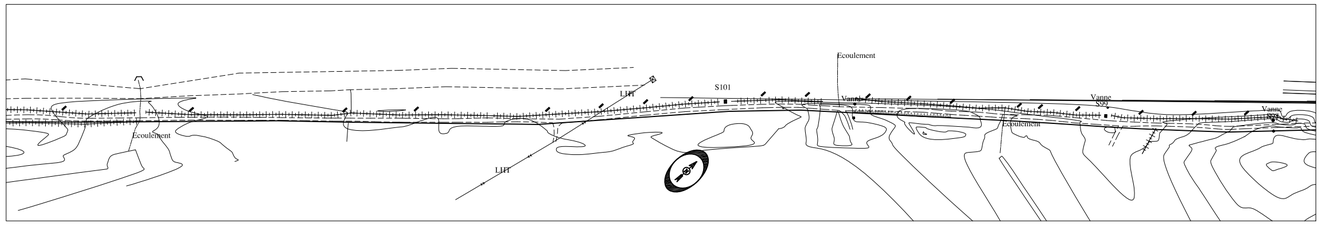
ETUDE PREPARATOIRE RELATIVE AU PROJET DE CONSTRUCTION DE LA STATION DE DESSALEMENT D'EAU DE MER Á SFAX EN REPUBLIQUE TUNISIENNE

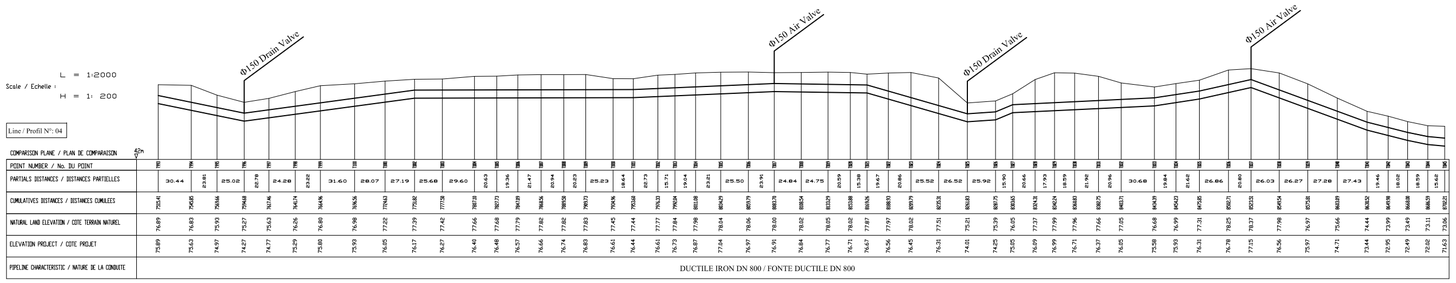
Drawing Title

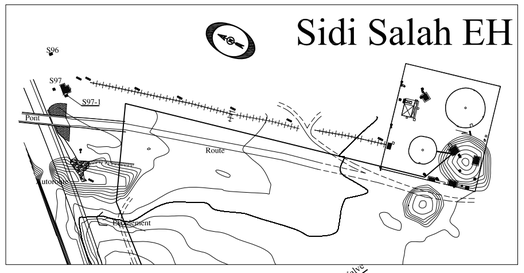
Conduites de refoulement :
Plan et profil en long -15

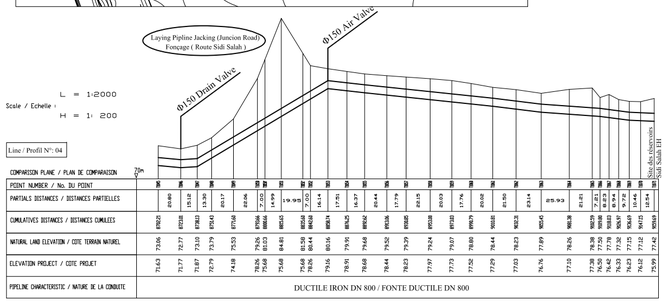
Scale:

Drawing No. 65









Project Name

ETUDE PREPARATOIRE RELATIVE AU PROJET DE CONSTRUCTION DE LA STATION DE DESSALEMENT D'EAU DE MER Á SFAX EN REPUBLIQUE TUNISIENNE

Drawing Title

Conduites de refoulement :
Plan et profil en long -16

Scale:

Drawing No. 66