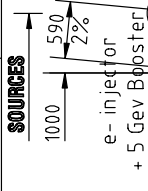


SITE / TUNNEL LENGTHS (m)

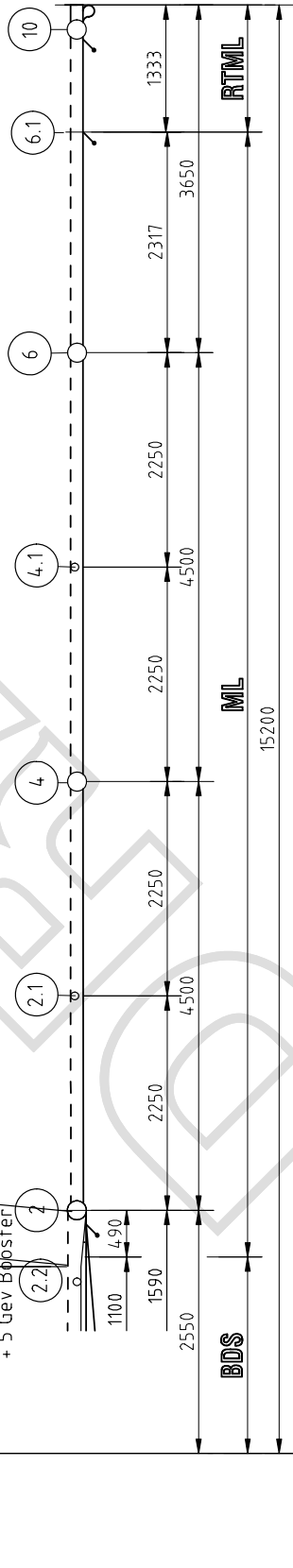
e <sup>-</sup> side ML + RTMIL	e <sup>+</sup> side ML + RTMIL	BDS + DR + sources	TOTAL
13 850 / 27 700	12 650 / 25 300	5100 / 24 100	31 600 / 77 100

TUNNELS

Area	e <sup>-</sup> inject., KAS beam + serv	DR	RTMIL beam + serv	ML beam + serv	BDS beam + serv	BDS Survey
φm	4.5	4.5	4.5 + 4.5	4.5 + 4.5	4.5 + 4.5	1.5 x 2.2



e<sup>+</sup> side



SHAFTS

Point	1.0	1.1	2	3	3.3	5.2	4	5	6	7	10	11	12/E	13/B	14/G	15/J
φm	16	16	14	14	4	4	14	14	14	9	14	14	9	9	9	9

BORINGS

Point	2.1, 3.1, 4.1, 5.1	2.2, 3.2
φm	1.50	

SHAFT BASE CAVERNS

Point	2, 3, 4, 5, 6, 7, 10, 11
(LxWxH) m	49 x 16 x 18 + 3 storeys

SOURCES CAVERNS

Point	Undulator	KAS, 3.3	e <sup>-</sup> injector
(LxWxH) m	70 x 22.5 x 15 70 x 13 x 10	22 X 15 X 15	110 X 15 X 10 27.5 X 22 X 15

DR ALCOVES

Point	A, C, D, F, H, I	12, 13, 14, 15
(LxWxH) m	16 x 8 x 8	50 x 10.5 x 10 + 1 storey

DETECTORS HALL

Point	1.0, 1.1
(LxWxH) m	110 x 25 x 35

MAIN BEAM DUMPS (↘)

Point	1.0, 1.1 (2x)	6.1, 7.1, 10, 11	2-F, 3-A	2.3, 3.4
(LxWxH) m	26 x 13 x 15 + 1 storey	20 x 10 x 10		

**ILC - UNDERGROUND STRUCTURES SCHEMATIC LAYOUT - BASE**

(2 fixed Detectors modified CMS procedure)



EUROPEAN REGION



SUPERVISOR : J.L.BALDY  
DESIGNER : N.BADDAMS

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**ILC-CE-1.1649.0006** 3 G