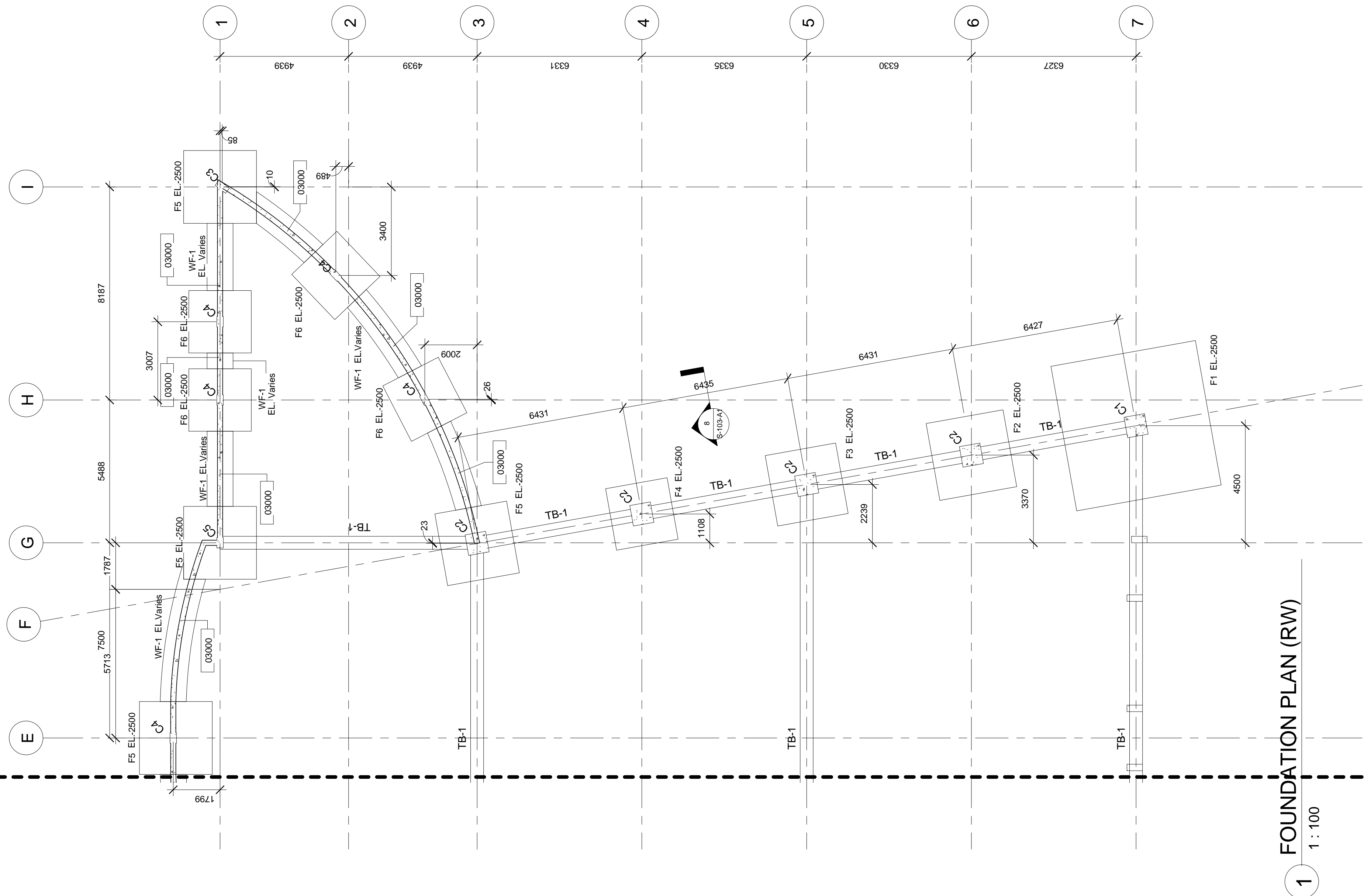


FOUNDATION PLAN (LW)
1 : 100

Structural Foundation Schedule									
Type Mark	Family and Type	Count	Length	Width	Area	Volume	Elevation at Bottom	Offset	Total Bags of Cement
F1	Footing-Rectangular: F1	2	5640	5640	76 m ²	35.63 m ³	-2500	560	449
Footing-Rectangular: F1: 2					76 m ²	35.63 m ³			449
F2	Footing-Rectangular: F2	2	3000	3000	25 m ²	10.08 m ³	-2500	560	127
Footing-Rectangular: F2: 2					25 m ²	10.08 m ³			127
F3	Footing-Rectangular: F3	2	2750	2750	21 m ²	8.47 m ³	-2500	560	107
Footing-Rectangular: F3: 2					21 m ²	8.47 m ³			107
F4	Footing-Rectangular: F4	2	2400	2400	15 m ²	4.72 m ³	-2500	410	60
Footing-Rectangular: F4: 2					15 m ²	4.72 m ³			60
F5	Footing-Rectangular: F5	7	2800	2800	82 m ²	38.42 m ³	-2500	700	484
Footing-Rectangular: F5: 7					82 m ²	38.42 m ³			484
F6	Footing-Rectangular: F6	8	2400	2400	73 m ²	32.26 m ³	-2500	700	406
Footing-Rectangular: F6: 8					73 m ²	32.26 m ³			406
WF-1	Wall Foundation: WF-1	12		1000	0 m ²	28.73 m ³	Varies		362
Wall Foundation: WF-1: 12					0 m ²	28.73 m ³			362
WF-2	Wall Foundation: WF-2	18		700	0 m ²	39.67 m ³			500
Wall Foundation: WF-2: 18					0 m ²	39.67 m ³			500
WF-3	Wall Foundation: WF-3	9		700	0 m ²	6.94 m ³			87
Wall Foundation: WF-3: 9					0 m ²	6.94 m ³			87
62					293 m ²	204.91 m ³			2582

Structural Column Schedule									
Type Mark	Family and Type	Base Level	Base Offset	Top Level	Top Offset	Length	Volume	Count	Total Bags of Cement
	I-Column: I150x125x8.5	FL LEVEL	-105	TOB-2	0	59934	0.27 m ³	6	3
I-Column: I150x125x8.5: 6						59934	0.27 m ³	6	3
C3	M_Concrete-Rectangular-Column: C3	BOF	700	TOB-2	0	26368	3.09 m ³	2	39
M_Concrete-Rectangular-Column: C3: 2						26368	3.09 m ³	2	39
C4	M_Concrete-Rectangular-Column: C4	BOF	700	TOB-2	0	118656	10.55 m ³	9	133
M_Concrete-Rectangular-Column: C4: 9						118656	10.55 m ³	9	133
C5	M_Concrete-Rectangular-Column: C5	BOF	700	TOB-2	0	26368	2.61 m ³	2	33
M_Concrete-Rectangular-Column: C5: 2						26368	2.61 m ³	2	33
	M_Concrete-Rectangular-Column: PEDESTAL-1	BOF	700	FL LEVEL	-110	19140	2.14 m ³	6	27
M_Concrete-Rectangular-Column: PEDESTAL-1: 6						19140	2.14 m ³	6	27
C1	M_Concrete-Square-Column: C1	BOF	560	TOB-2	0	26648	16.91 m ³	2	213
M_Concrete-Square-Column: C1: 2						26648	16.91 m ³	2	213
C2	M_Concrete-Square-Column: C2	BOF		TOB-2	0	106612	67.67 m ³	8	853
M_Concrete-Square-Column: C2: 8						106612	67.67 m ³	8	853
Grand total: 35						383726	103.24 m ³	35	1301

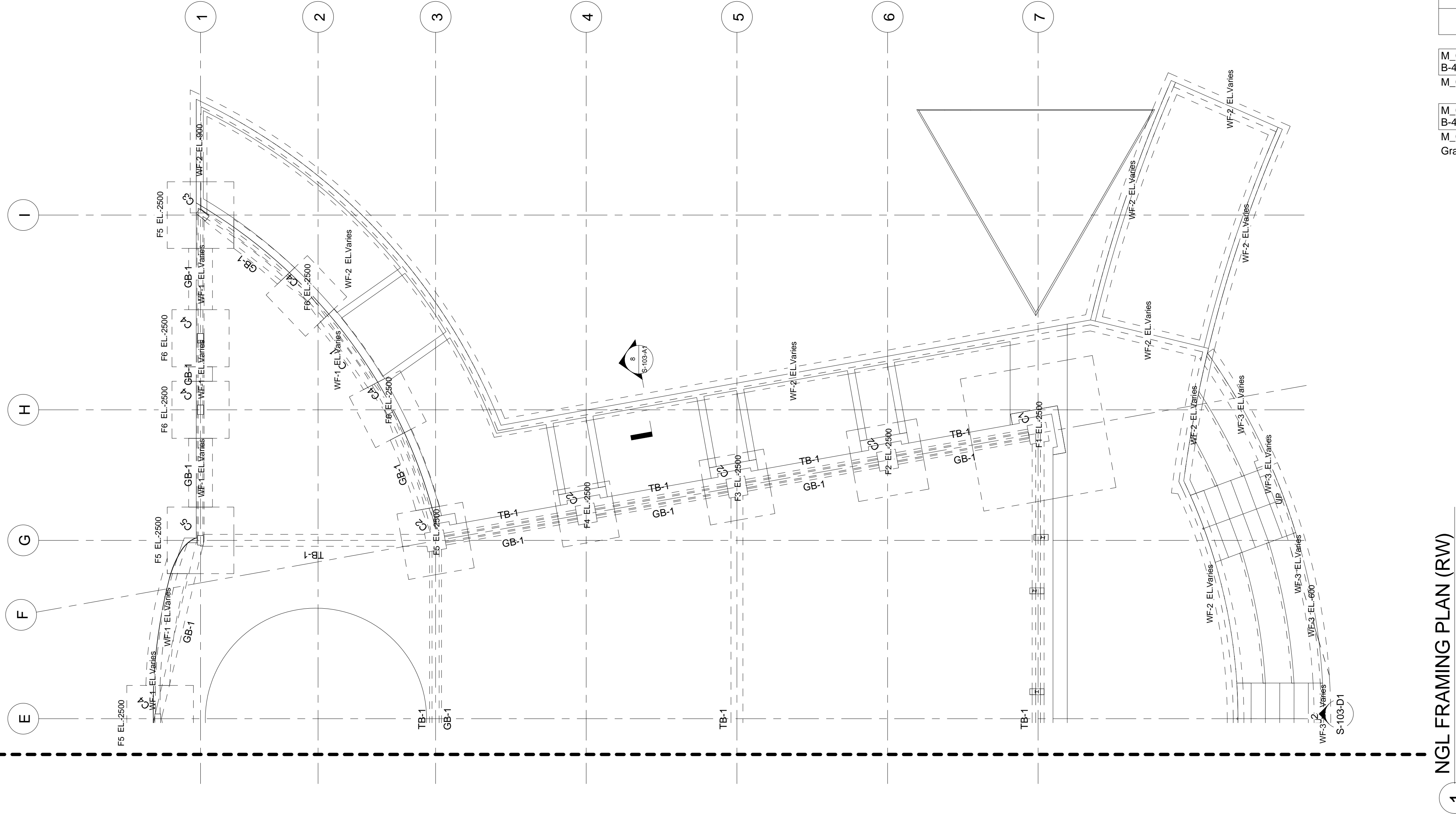
BOF Structural Framing Schedule					
Family and Type	Reference Level	Length	Cut Length	Volume	Count
M_Concrete-Rectangular Beam: TB-1	BOF	121626	120333	44.91 m ³	13
Grand total: 13		121626	120333	44.91 m ³	13



Structural Foundation Schedule									
Type Mark	Family and Type	Count	Length	Width	Area	Volume	Elevation at Bottom	Offset	Total Bags of Cement
F1	Footing-Rectangular: F1	2	5640	5640	76 m ²	35.63 m ³	-2500	560	449
Footing-Rectangular: F1: 2					76 m ²	35.63 m ³			449
F2	Footing-Rectangular: F2	2	3000	3000	25 m ²	10.08 m ³	-2500	560	127
Footing-Rectangular: F2: 2					25 m ²	10.08 m ³			127
F3	Footing-Rectangular: F3	2	2750	2750	21 m ²	8.47 m ³	-2500	560	107
Footing-Rectangular: F3: 2					21 m ²	8.47 m ³			107
F4	Footing-Rectangular: F4	2	2400	2400	15 m ²	4.72 m ³	-2500	410	60
Footing-Rectangular: F4: 2					15 m ²	4.72 m ³			60
F5	Footing-Rectangular: F5	7	2800	2800	82 m ²	38.42 m ³	-2500	700	484
Footing-Rectangular: F5: 7					82 m ²	38.42 m ³			484
F6	Footing-Rectangular: F6	8	2400	2400	73 m ²	32.26 m ³	-2500	700	406
Footing-Rectangular: F6: 8					73 m ²	32.26 m ³			406
WF-1	Wall Foundation: WF-1	12		1000	0 m ²	28.73 m ³	Varies		362
Wall Foundation: WF-1: 12					0 m ²	28.73 m ³			362
WF-2	Wall Foundation: WF-2	18		700	0 m ²	39.67 m ³			500
Wall Foundation: WF-2: 18					0 m ²	39.67 m ³			500
WF-3	Wall Foundation: WF-3	9		700	0 m ²	6.94 m ³			87
Wall Foundation: WF-3: 9					0 m ²	6.94 m ³			87
					293 m ²	204.91 m ³			2582

Structural Column Schedule									
Type Mark	Family and Type	Base Level	Base Offset	Top Level	Top Offset	Length	Volume	Count	Total Bags of Cement
	I-Column: I150x125x8.5	FL LEVEL	-105	TOB-2	0	59934	0.27 m ³	6	3
I-Column: I150x125x8.5: 6						59934	0.27 m ³	6	3
C3	M_Concrete-Rectangular-Column: C3	BOF	700	TOB-2	0	26368	3.09 m ³	2	39
M_Concrete-Rectangular-Column: C3: 2						26368	3.09 m ³	2	39
C4	M_Concrete-Rectangular-Column: C4	BOF	700	TOB-2	0	118656	10.55 m ³	9	133
M_Concrete-Rectangular-Column: C4: 9						118656	10.55 m ³	9	133
C5	M_Concrete-Rectangular-Column: C5	BOF	700	TOB-2	0	26368	2.61 m ³	2	33
M_Concrete-Rectangular-Column: C5: 2						26368	2.61 m ³	2	33
	M_Concrete-Rectangular-Column: PEDESTAL-1	BOF	700	FL LEVEL	-110	19140	2.14 m ³	6	27
M_Concrete-Rectangular-Column: PEDESTAL-1: 6						19140	2.14 m ³	6	27
C1	M_Concrete-Square-Column: C1	BOF	560	TOB-2	0	26648	16.91 m ³	2	213
M_Concrete-Square-Column: C1: 2						26648	16.91 m ³	2	213
C2	M_Concrete-Square-Column: C2	BOF		TOB-2	0	106612	67.67 m ³	8	853
M_Concrete-Square-Column: C2: 8						106612	67.67 m ³	8	853
Grand total: 35						383726	103.24 m ³	35	1301

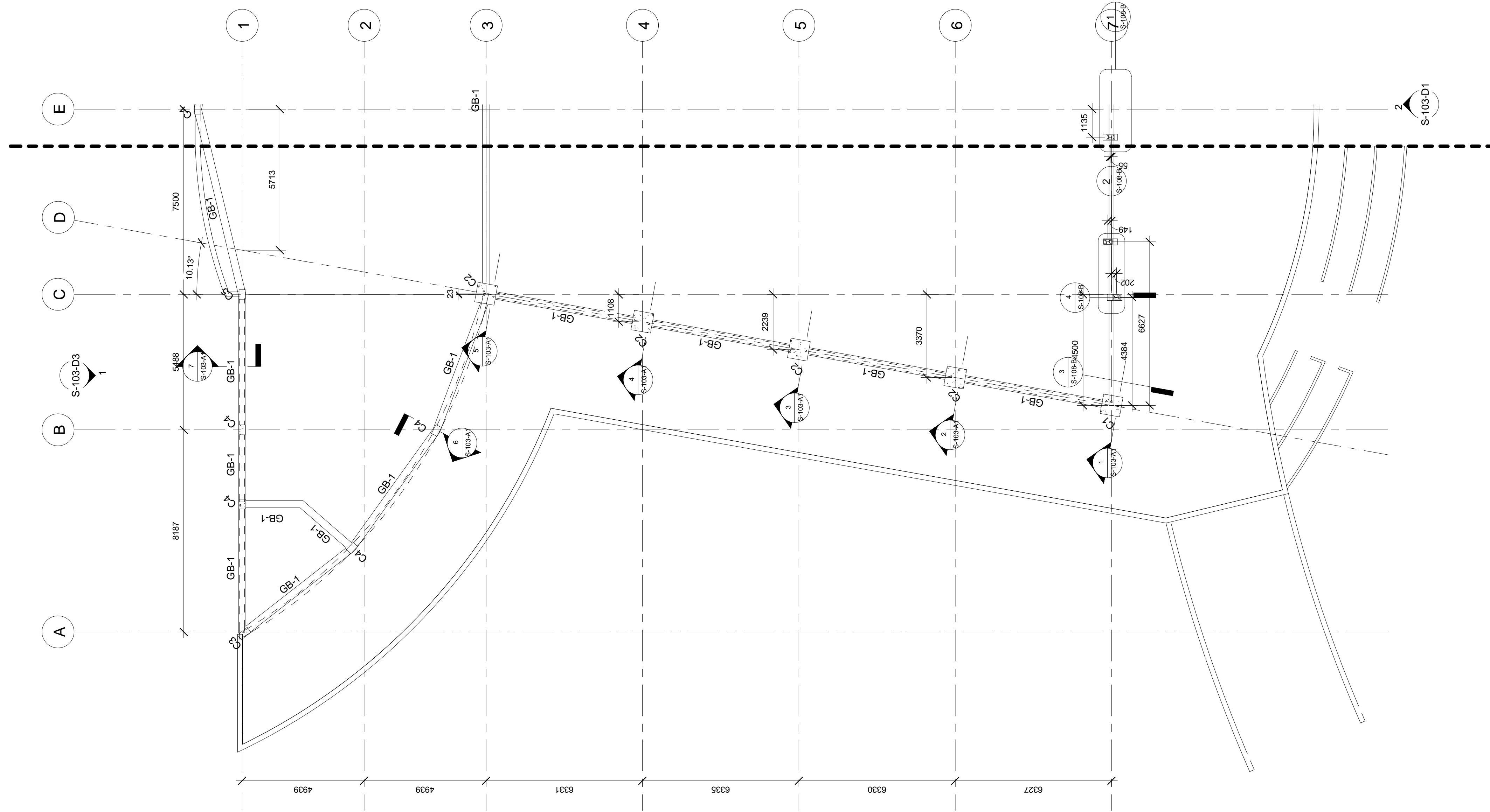
BOF Structural Framing Schedule					
Family and Type	Reference Level	Length	Cut Length	Volume	Count
M_Concrete-Rectangular Beam: TB-1	BOF	121626	120333	44.91 m ³	13
Grand total: 13		121626	120333	44.91 m ³	13



NGL Structural Framing Schedule				
Family and Type	Reference Level	Length	Cut Length	Volume
M_Concrete Rectangular Curved beam2: B-4	NGL LEVEL	0	0	0.79 m³
M_Concrete Rectangular Curved beam2: B-4: 1		0	0	0.79 m³
M_Concrete Rectangular Curved beam3: B-4	NGL LEVEL	0	0	0.79 m³
M_Concrete Rectangular Curved beam3: B-4: 1		0	0	0.79 m³
Grand total: 2		0	0	1.59 m³

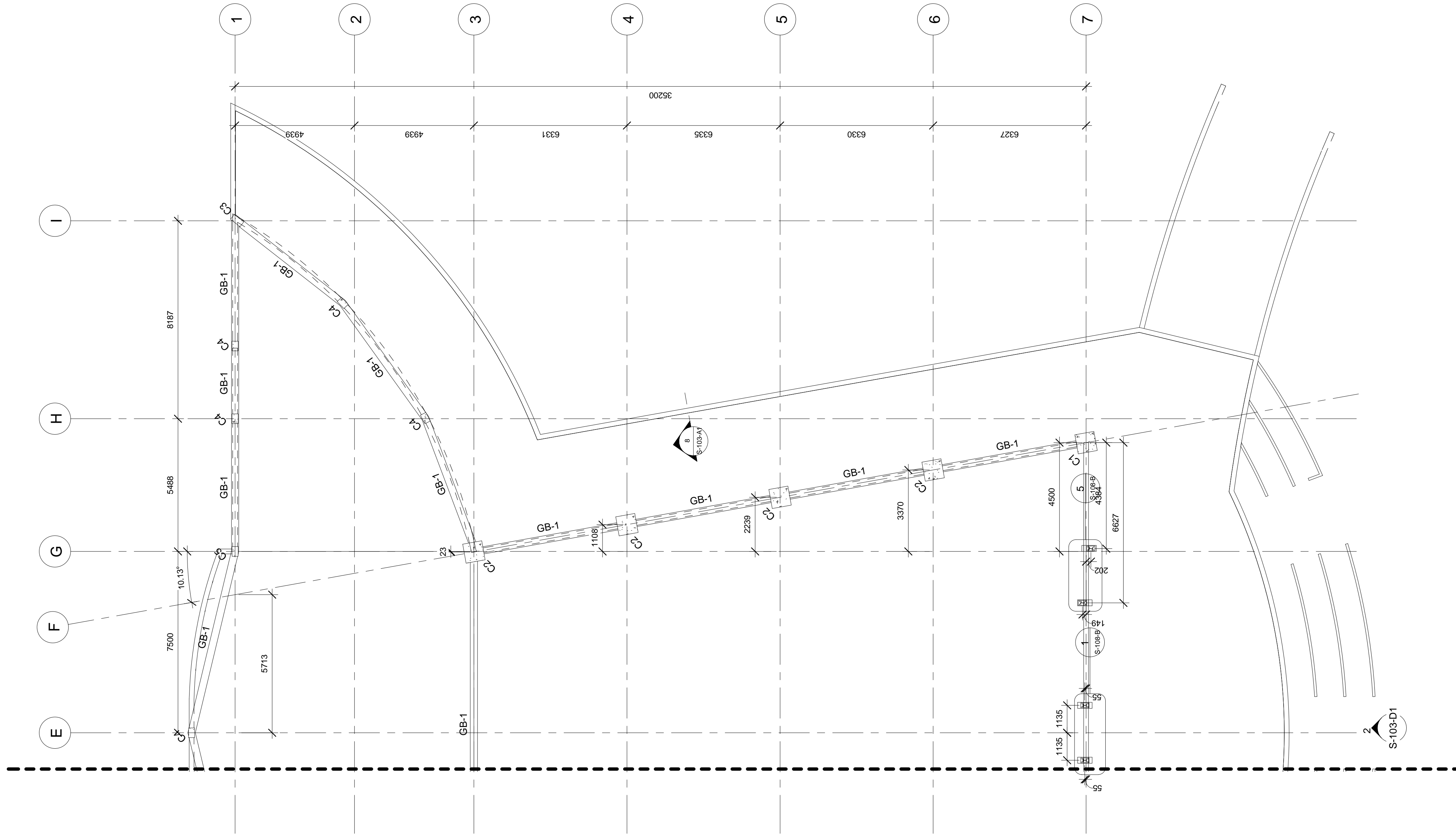
1 NGL FRAMING PLAN (RW)

1 : 100



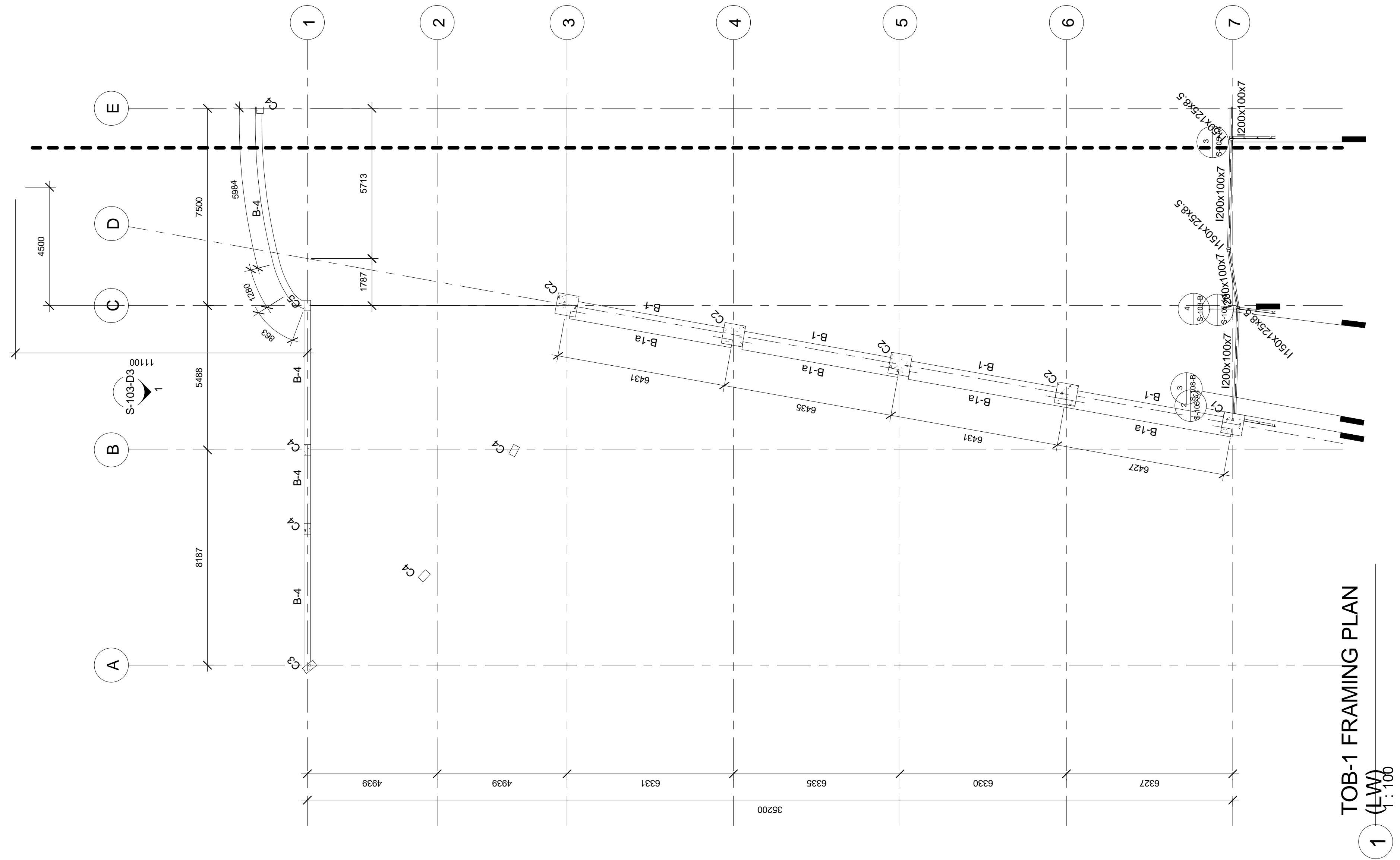
FFL Structural Framing Schedule				
Family and Type	Reference Level	Length	Cut Length	Volume
M_Concrete-Rectangular Beam: GB-1	FL LEVEL	141826	142225	16.36 m ³
M_Concrete-Rectangular Beam: GB-1: 25		141826	142225	16.36 m ³
Grand total: 25		141826	142225	16.36 m ³

1 FL FRAMING PLAN (LW)
1 : 100

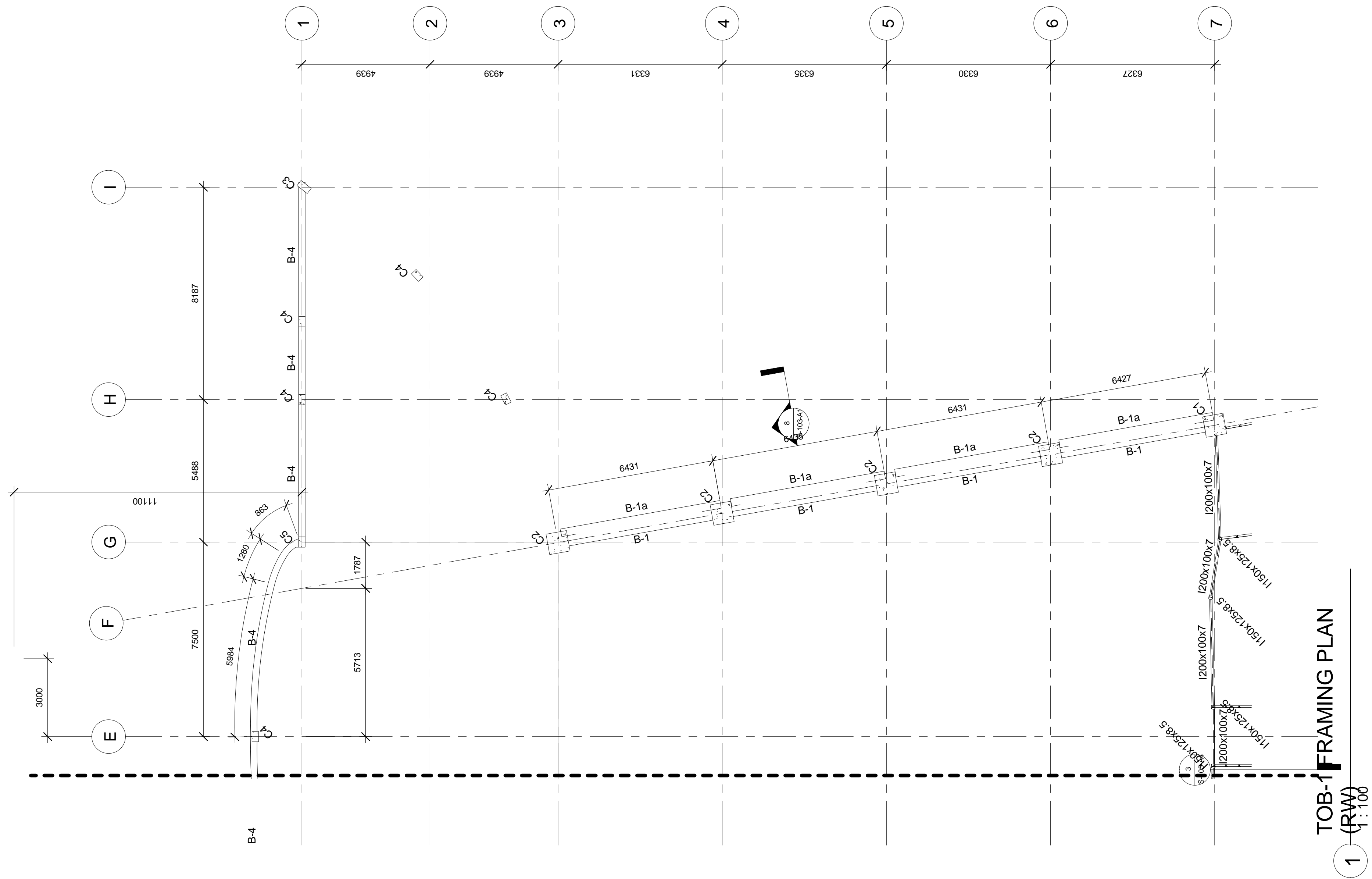


FFL Structural Framing Schedule				
Family and Type	Reference Level	Length	Cut Length	Volume
M_Concrete-Rectangular Beam: GB-1	FL LEVEL	141826	142225	16.36 m³
M_Concrete-Rectangular Beam: GB-1: 25		141826	142225	16.36 m³
Grand total: 25		141826	142225	16.36 m³

1 FL FRAMING PLAN (RW)
1 : 100

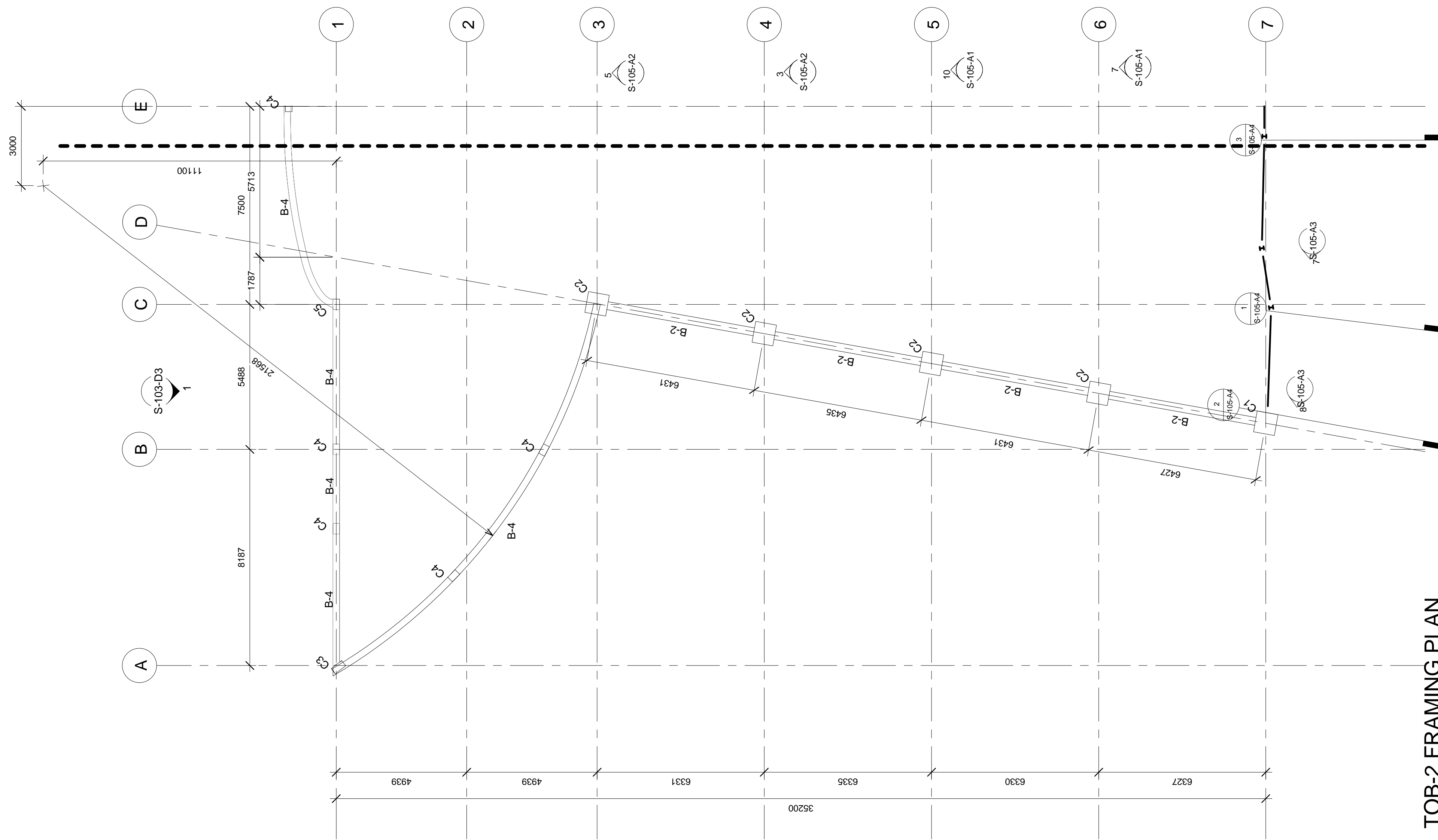


TOB-1 Structural Framing Schedule				
Family and Type	Reference Level	Length	Cut Length	Volume
I-Beams: I200x100x7	TOB-1	23273	22288	0.07 m³
I-Beams: I200x100x7: 7		23273	22288	0.07 m³
M_Concrete Rectangular Curved beam: B-4	TOB-1	0	0	0.79 m³
M_Concrete Rectangular Curved beam: B-4: 1		0	0	0.79 m³
M_Concrete Rectangular Curved beam: B-4	TOB-1	0	0	0.79 m³
M_Concrete Rectangular Curved beam: B-4: 1		0	0	0.79 m³
M_Concrete-Pre-cast Frieze: 400 x 800mm	TOB-1	68151	66126	59.79 m³
M_Concrete-Pre-cast Frieze: 400 x 800mm: 9		68151	66126	59.79 m³
M_Concrete-Rectangular Beam: B-1	TOB-1	45071	45071	14.42 m³
M_Concrete-Rectangular Beam: B-1: 8		45071	45071	14.42 m³
M_Concrete-Rectangular Beam: B-1a	TOB-1	51446	49041	2.94 m³
M_Concrete-Rectangular Beam: B-1a: 8		51446	49041	2.94 m³
M_Concrete-Rectangular Beam: B-4	TOB-1	55320	50993	5.05 m³
M_Concrete-Rectangular Beam: B-4: 12		55320	50993	5.05 m³
M_L-Angle: L76X76X6.4	TOB-1	231419	217355	0.20 m³
M_L-Angle: L76X76X6.4: 116		231419	217355	0.20 m³
Grand total: 162		474682	450874	84.06 m³



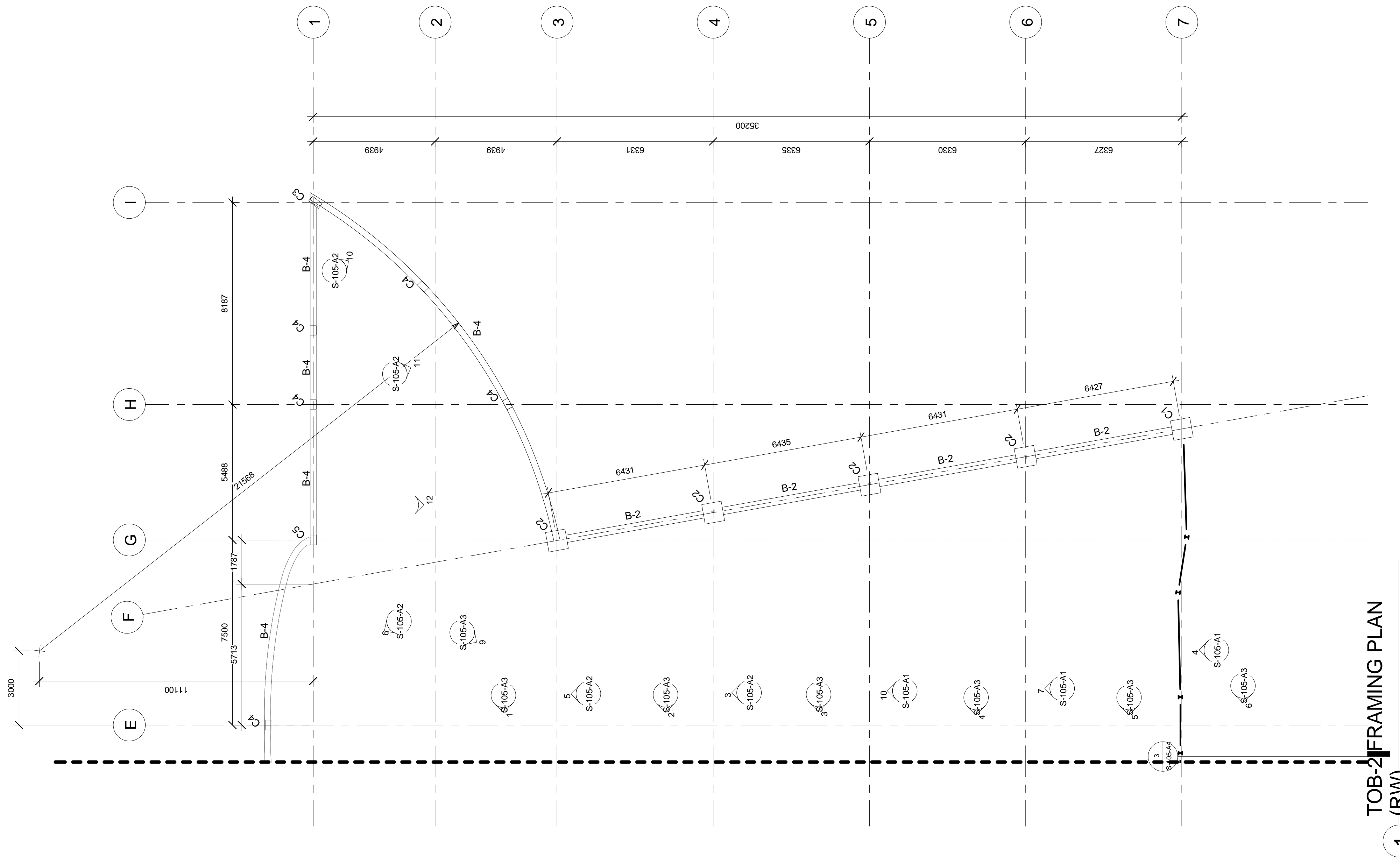
TOB-1 FRAMING PLAN
1 (RW)
1:100

TOB-1 Structural Framing Schedule				
Family and Type	Reference Level	Length	Cut Length	Volume
I-Beams: I200x100x7	TOB-1	23273	22288	0.07 m ³
I-Beams: I200x100x7: 7		23273	22288	0.07 m ³
M_Concrete Rectangular Curved beam1: B-4	TOB-1	0	0	0.79 m ³
M_Concrete Rectangular Curved beam1: B-4: 1		0	0	0.79 m ³
M_Concrete Rectangular Curved beam: B-4	TOB-1	0	0	0.79 m ³
M_Concrete Rectangular Curved beam: B-4: 1		0	0	0.79 m ³
M_Concrete-Pre-cast Frieze: 400 x 800mm	TOB-1	68151	66126	59.79 m ³
M_Concrete-Pre-cast Frieze: 400 x 800mm: 9		68151	66126	59.79 m ³
M_Concrete-Rectangular Beam: B-1	TOB-1	45071	45071	14.42 m ³
M_Concrete-Rectangular Beam: B-1: 8		45071	45071	14.42 m ³
M_Concrete-Rectangular Beam: B-1a	TOB-1	51446	49041	2.94 m ³
M_Concrete-Rectangular Beam: B-1a: 8		51446	49041	2.94 m ³
M_Concrete-Rectangular Beam: B-4	TOB-1	55320	50993	5.05 m ³
M_Concrete-Rectangular Beam: B-4: 12		55320	50993	5.05 m ³
M_L-Angle: L76X76X6.4	TOB-1	231419	217355	0.20 m ³
M_L-Angle: L76X76X6.4: 116		231419	217355	0.20 m ³
Grand total: 162		474682	450874	84.06 m ³



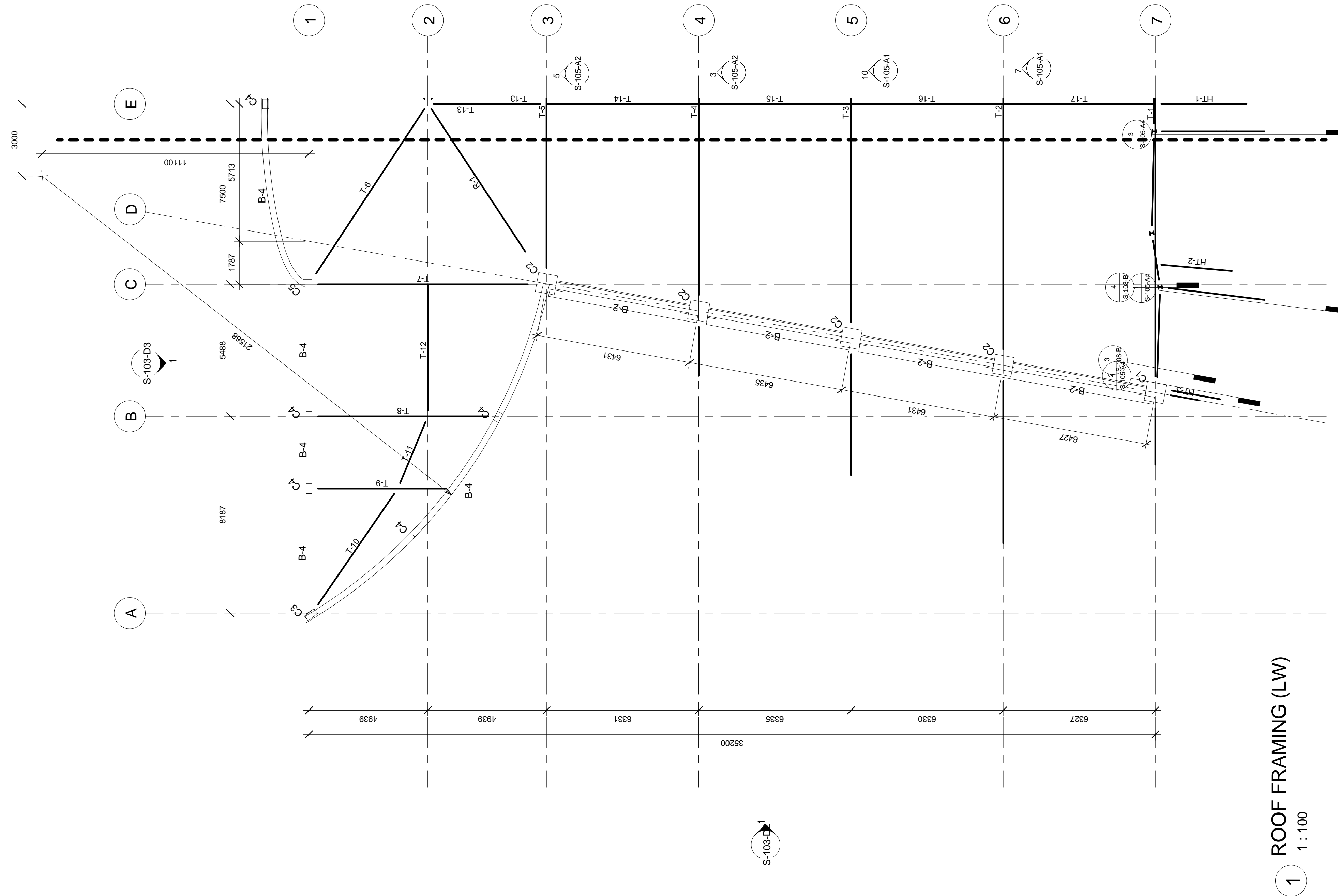
TOB-2 FRAMING PLAN
 1 (LW)
 1:100

TOB-2 Structural Framing Schedule				
Family and Type	Reference Level	Length	Cut Length	Volume
CISC HS Pipe Shapes: HSS27X2.5	TOB-2	2399	2316	0.00 m³
CISC HS Pipe Shapes: HSS27X2.5: 1		2399	2316	0.00 m³
CISC HS Pipe Shapes: HSS89X4.8	TOB-2	1010535	953705	1.21 m³
CISC HS Pipe Shapes: HSS89X4.8: 471		1010535	953705	1.21 m³
CISC HS Pipe Shapes: HSS141X8	TOB-2	323353	310683	1.04 m³
CISC HS Pipe Shapes: HSS141X8: 56		323353	310683	1.04 m³
I-Beams: I200x100x7	TOB-2	23273	22288	0.07 m³
I-Beams: I200x100x7: 7		23273	22288	0.07 m³
M_Concrete-Rectangular Beam: B-2	TOB-2	45046	45046	8.11 m³
M_Concrete-Rectangular Beam: B-2: 8		45046	45046	8.11 m³
M_Concrete-Rectangular Beam: B-4	TOB-2	27708	25558	2.52 m³
M_Concrete-Rectangular Beam: B-4: 6		27708	25558	2.52 m³
M_L-Angle: L76X76X6.4	TOB-2	167286	161138	0.15 m³
M_L-Angle: L76X76X6.4: 120		167286	161138	0.15 m³
Grand total: 669		1599601	1520735	13.10 m³



TOB-2 FRAMING PLAN
(RW)
1:100

TOB-2 Structural Framing Schedule				
Family and Type	Reference Level	Length	Cut Length	Volume
CISC HS Pipe Shapes: HSS27X2.5	TOB-2	2399	2316	0.00 m ³
CISC HS Pipe Shapes: HSS27X2.5: 1		2399	2316	0.00 m ³
CISC HS Pipe Shapes: HSS89X4.8	TOB-2	1010535	953705	1.21 m ³
CISC HS Pipe Shapes: HSS89X4.8: 471		1010535	953705	1.21 m ³
CISC HS Pipe Shapes: HSS141X8	TOB-2	323353	310683	1.04 m ³
CISC HS Pipe Shapes: HSS141X8: 56		323353	310683	1.04 m ³
I-Beams: I200x100x7	TOB-2	23273	22288	0.07 m ³
I-Beams: I200x100x7: 7		23273	22288	0.07 m ³
M_Concrete-Rectangular Beam: B-2	TOB-2	45046	45046	8.11 m ³
M_Concrete-Rectangular Beam: B-2: 8		45046	45046	8.11 m ³
M_Concrete-Rectangular Beam: B-4	TOB-2	27708	25558	2.52 m ³
M_Concrete-Rectangular Beam: B-4: 6		27708	25558	2.52 m ³
M_L-Angle: L76X76X6.4	TOB-2	167286	161138	0.15 m ³
M_L-Angle: L76X76X6.4: 120		167286	161138	0.15 m ³
Grand total: 669		1599601	1520735	13.10 m ³



Truss Schedule			
Family and Type	Truss ID	Mark	Count
			14
M_Pratt Flat Truss: Standard	HT-1	HT-1	1
M_Pratt Flat Truss: Standard	HT-2	HT-2	2
M_Pratt Flat Truss: Standard	HT-3	HT-3	2
M_Pratt Flat Truss: Standard	HT-4	HT-4	2
M_Pratt Flat Truss: Standard	HT-5	HT-5	2
M_Pratt Flat Truss: Standard	HT-6	HT-6	2
M_Pratt Flat Truss: Standard	HT-7	HT-7	2
M_Pratt Flat Truss: Standard	R-1	R-1	2
M_Pratt Flat Truss: Standard	T-1	T-1	1
M_Pratt Flat Truss: Standard	T-2	T-2	1
M_Pratt Flat Truss: Standard	T-3	T-3	1
M_Pratt Flat Truss: Standard	T-4	T-4	1
M_Pratt Flat Truss: Standard	T-5	T-5	1
M_Pratt Flat Truss: Standard	T-6	T-6	2
M_Pratt Flat Truss: Standard	T-7	T-7	2
M_Pratt Flat Truss: Standard	T-8	T-8	2
M_Pratt Flat Truss: Standard	T-9	T-9	2
M_Pratt Flat Truss: Standard	T-10	T-10	2
M_Pratt Flat Truss: Standard	T-11	T-11	2
M_Pratt Flat Truss: Standard	T-12	T-12	2
M_Pratt Flat Truss: Standard	T-13	T-13	2
M_Pratt Flat Truss: Standard	T-14	T-14	1
M_Pratt Flat Truss: Standard	T-15	T-15	1
M_Pratt Flat Truss: Standard	T-16	T-16	1
M_Pratt Flat Truss: Standard	T-17	T-17	1
M_Pratt Flat Truss (2): Standard	T-19		2
M_Pratt Flat Truss (2): Standard	T-20 (a,b,c)		2
M_Pratt Flat Truss (2): Standard	T-21		2
Grand total: 60			60

1
ROOF FRAMING (LW)
1 : 100

Truss Framing Schedule (MEMBERS)					
Family and Type	Length	Cut Length	Count	Reference Level	Mark
CISC HS Pipe Shapes: HSS89X4.8	1010535	953705	471	TOB-2	HSS89X4.8 TRUSS MEMBERS
Grand total: 471			471		

Truss Framing Schedule (T&B CHORD)					
Family and Type	Length	Cut Length	Count	Type	Mark
CISC HS Pipe Shapes: HSS141X8	585978	571700	91	HSS141X8	TRUSS TOP & BOTTOM CHORDS
HSS141X8: 91	585978	571700	91		

