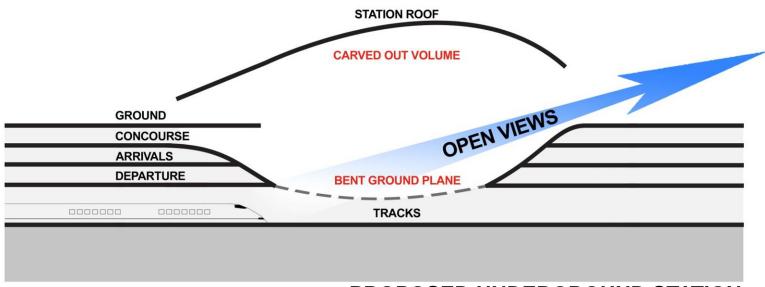


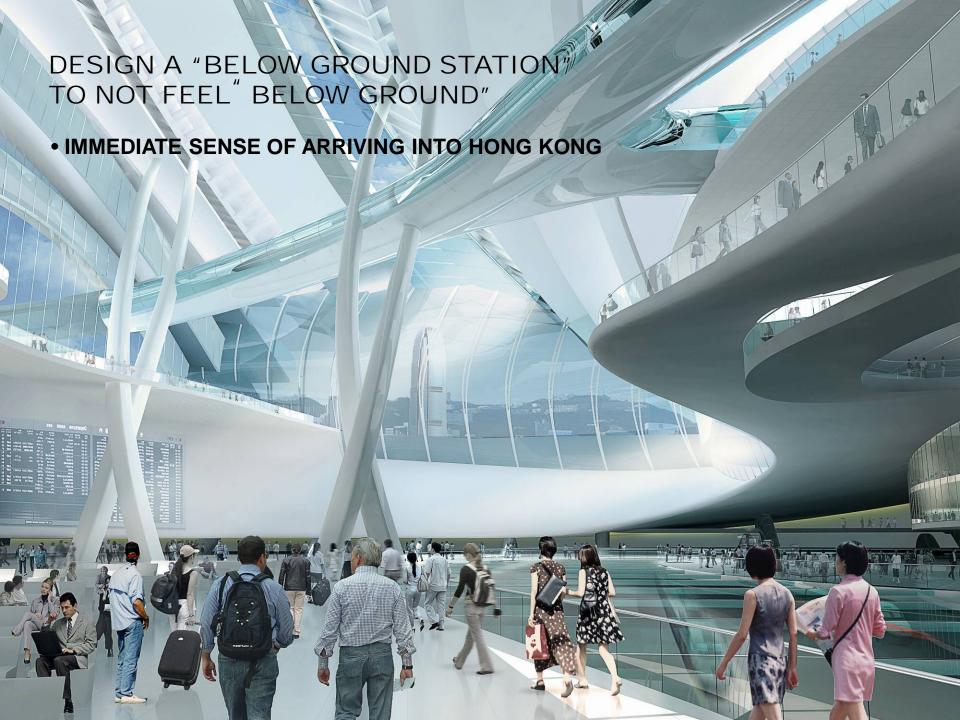
# TRADITIONAL UNDERGROUND STATION

Perceptually No Awareness of Surrounding Environment



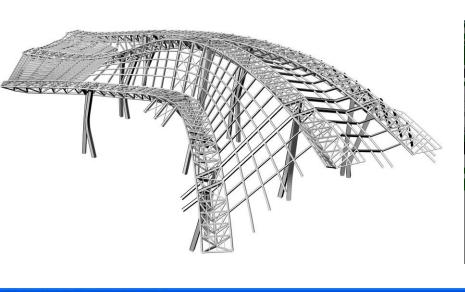
# PROPOSED UNDERGROUND STATION

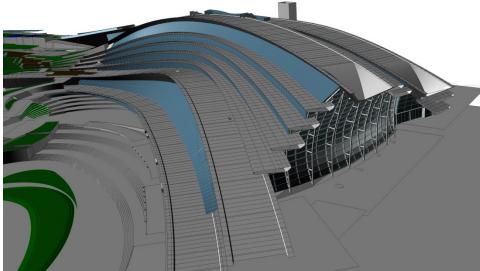
Awareness of Surrounding Environment

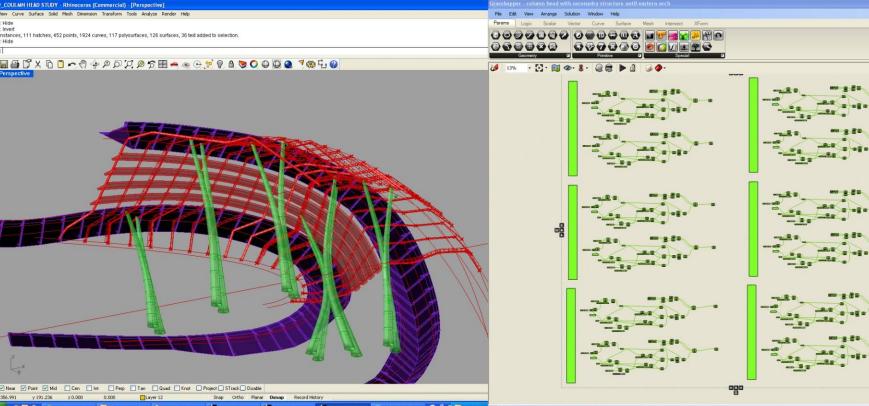


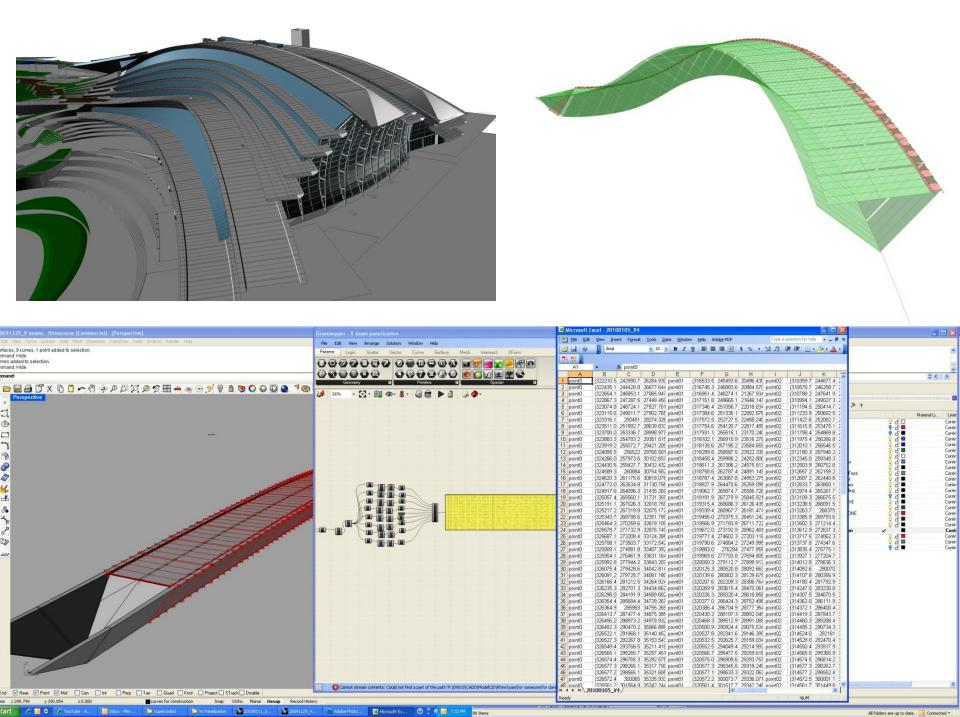


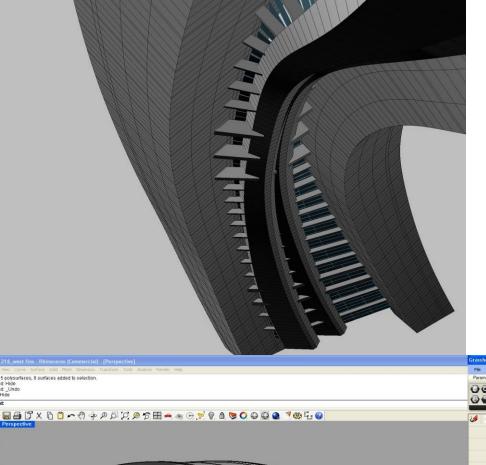






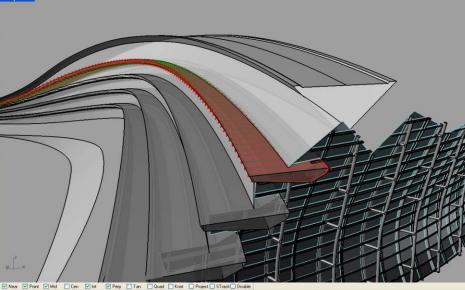


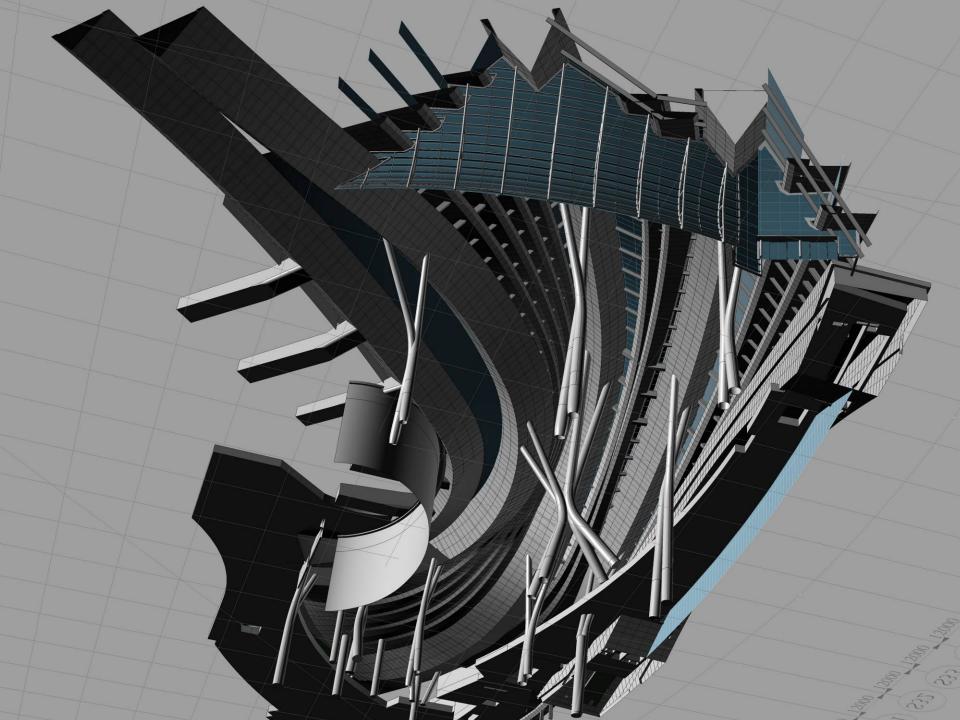


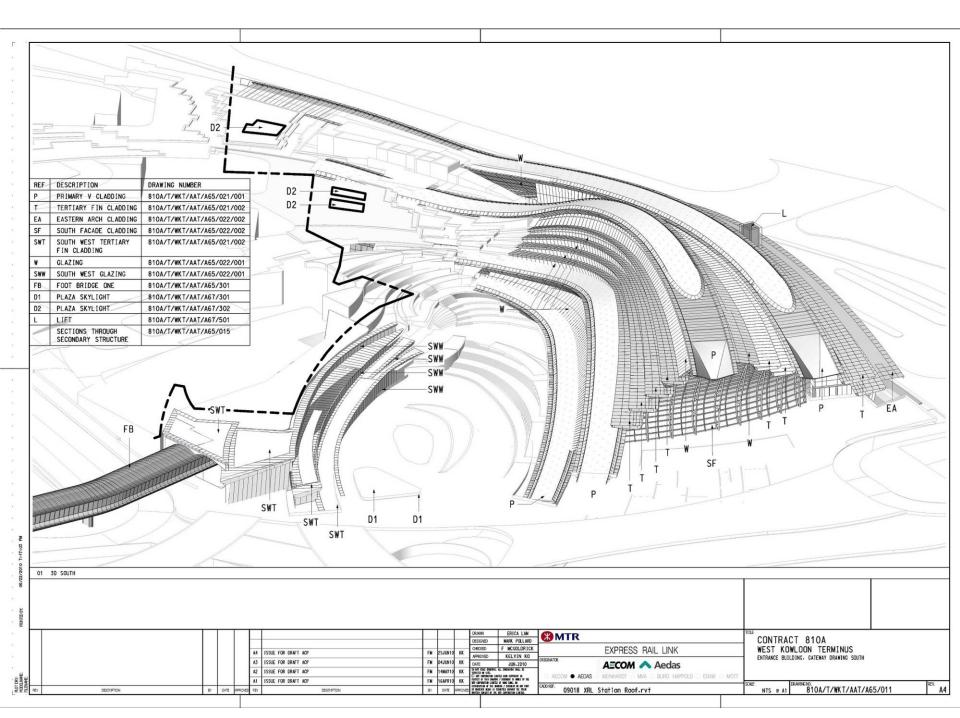


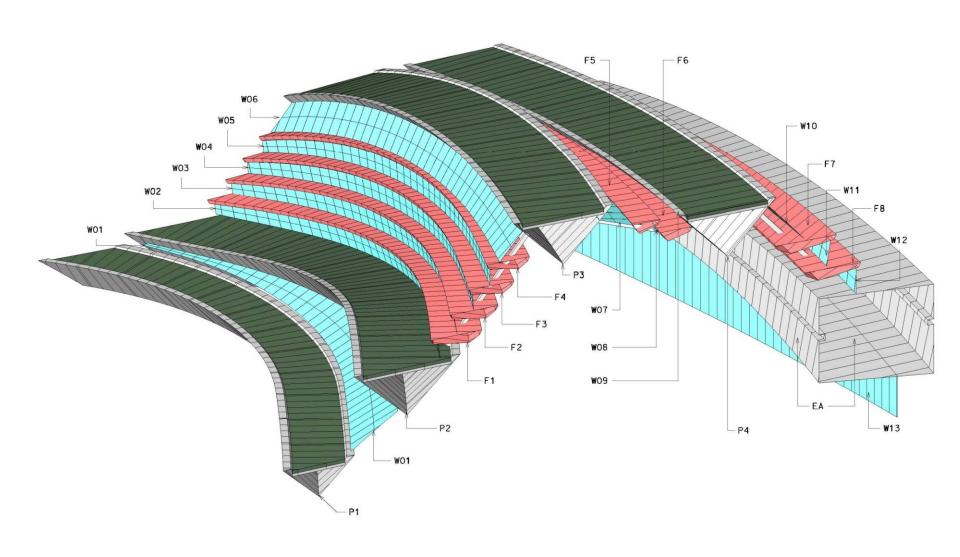
Grasshopper - panelization of fins 

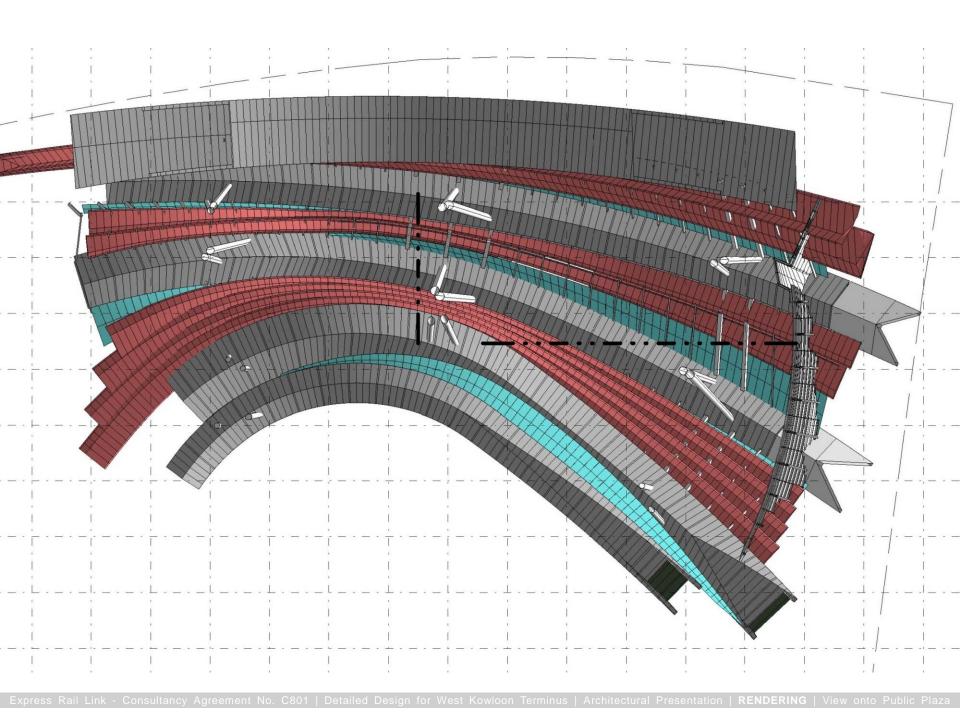
1A long day

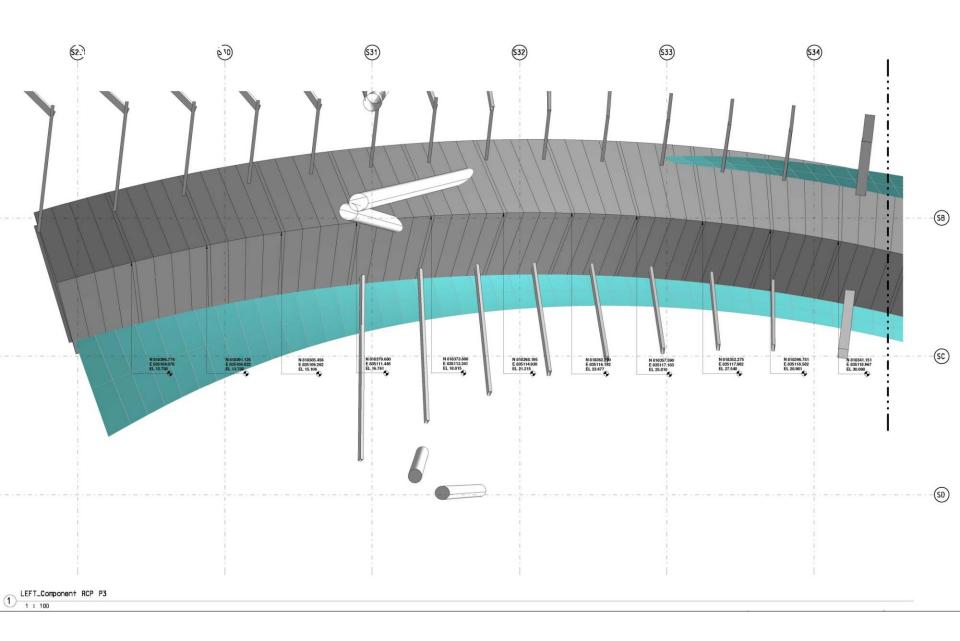


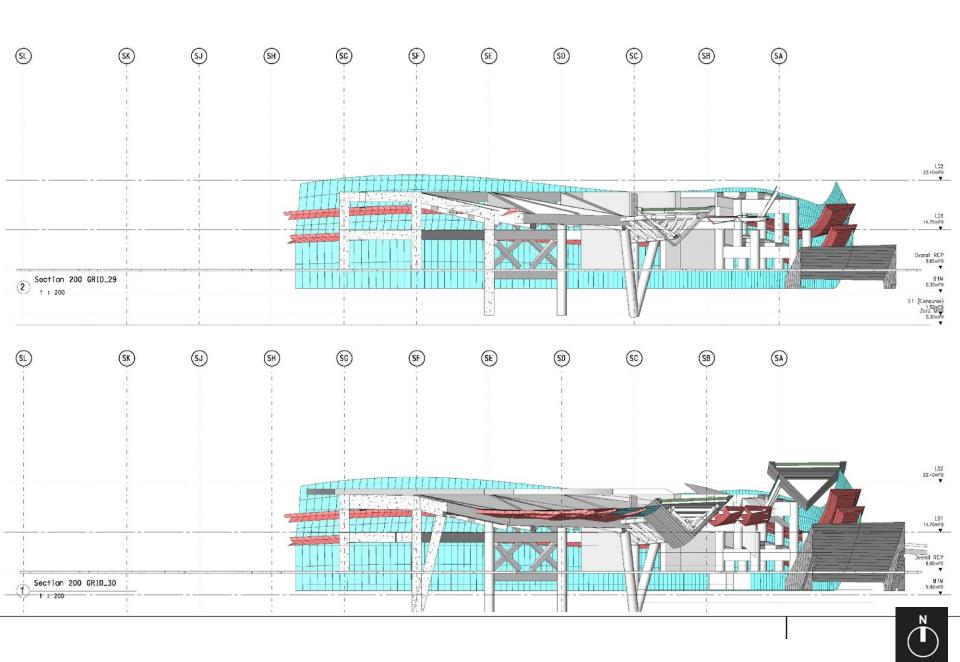


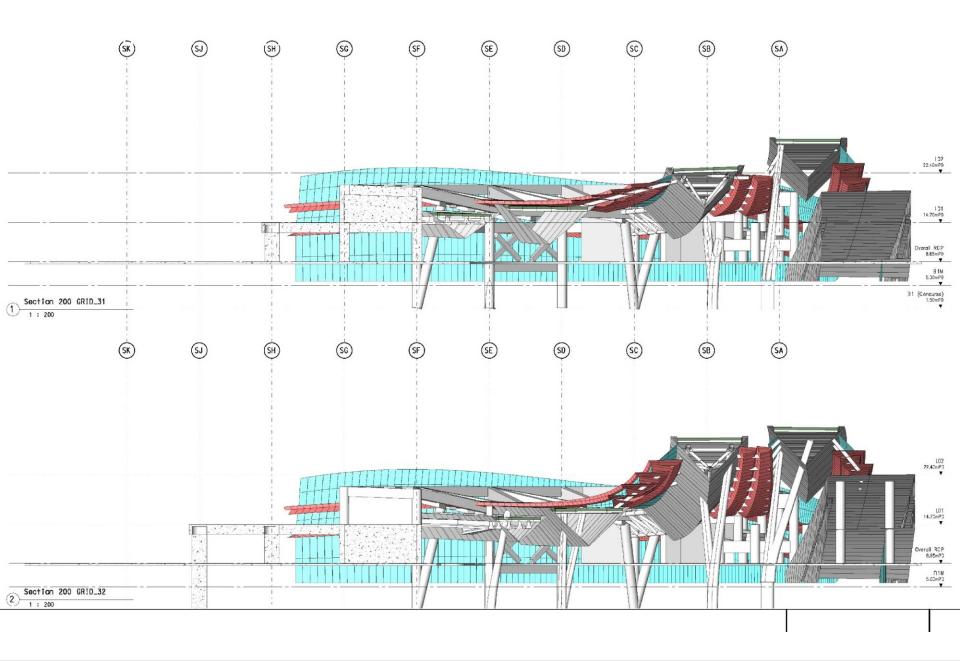


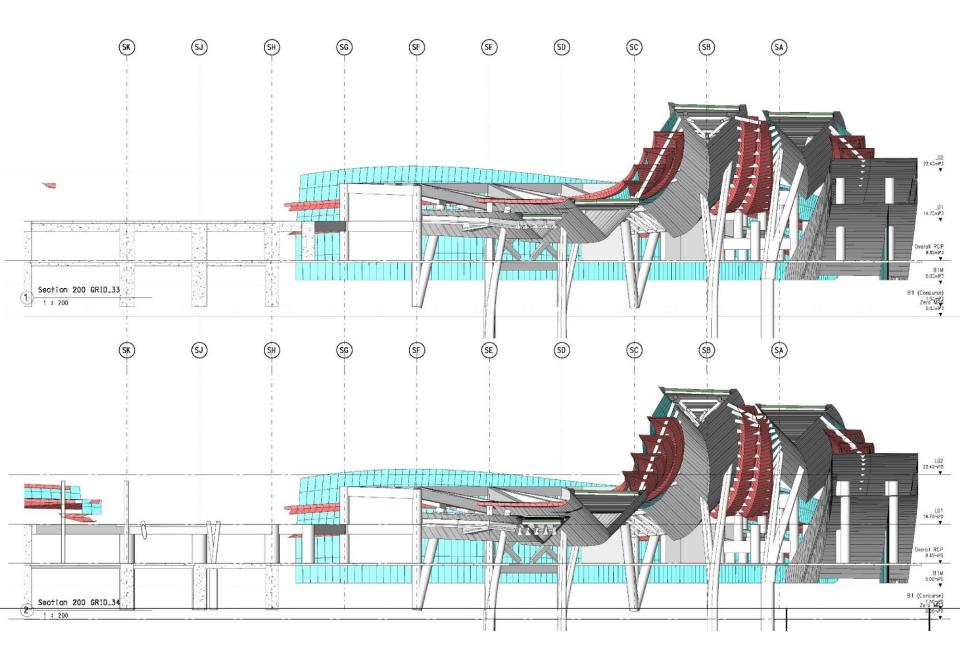




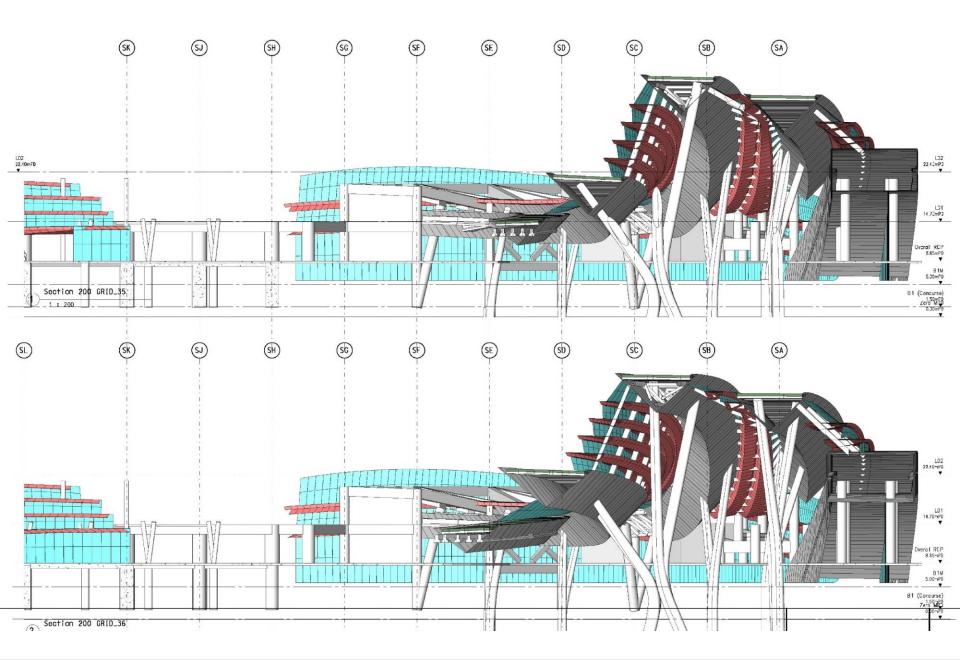


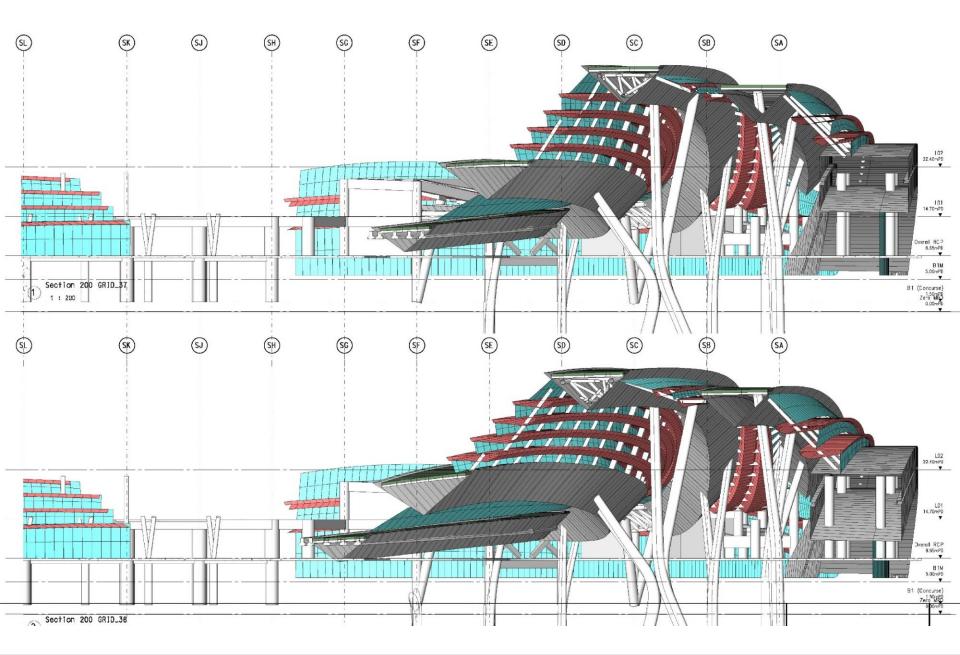


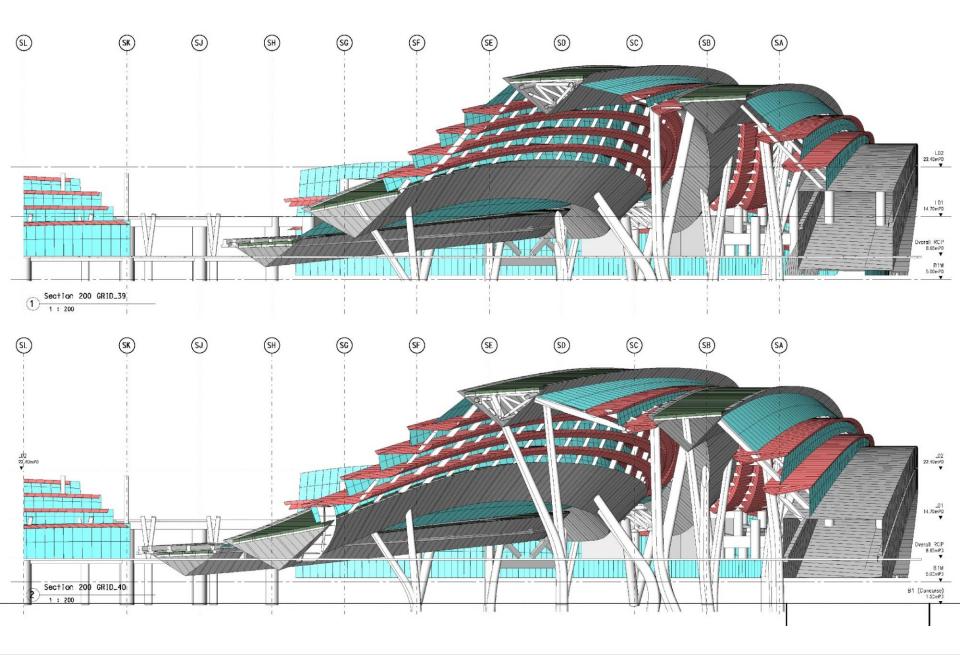


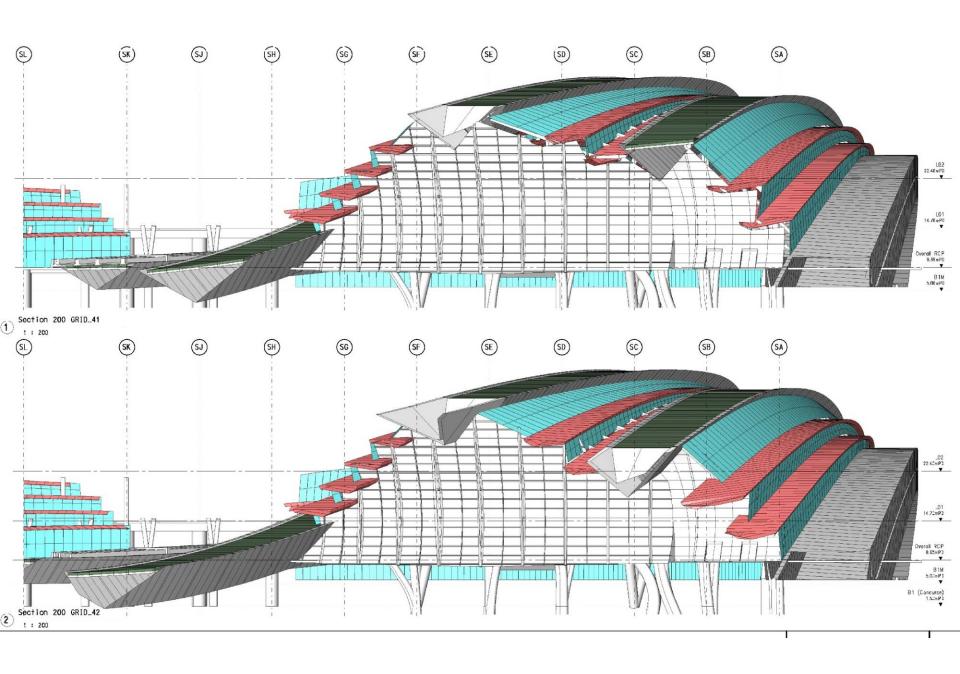


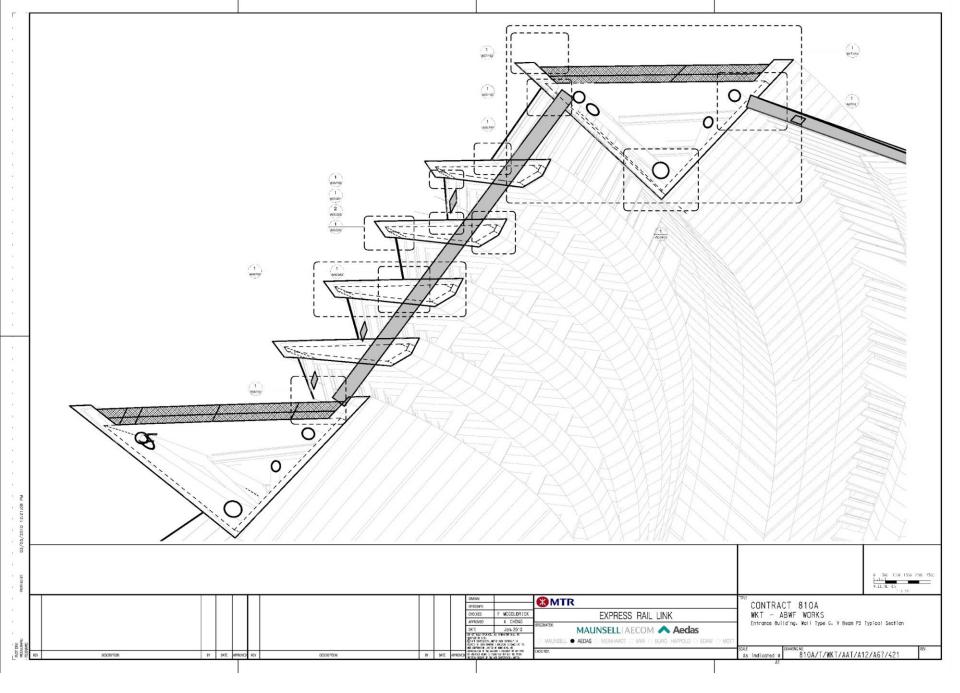
Express Rail Link - Consultancy Agreement No. C801 | Detailed Design for West Kowloon Terminus | Architectural Presentation | SITE FORCES | Converging Forces



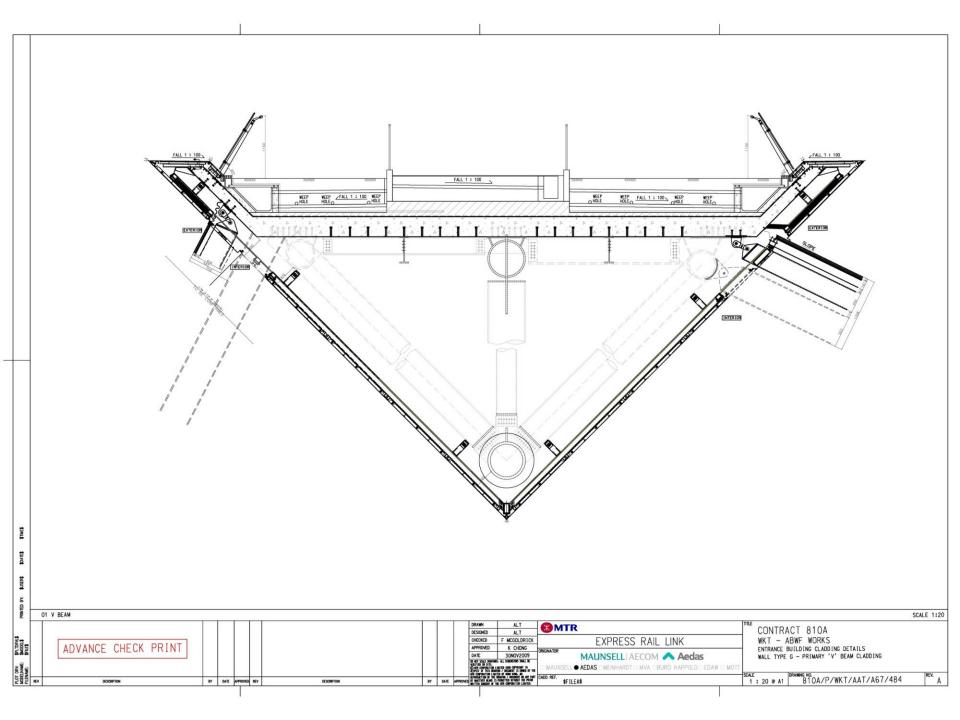


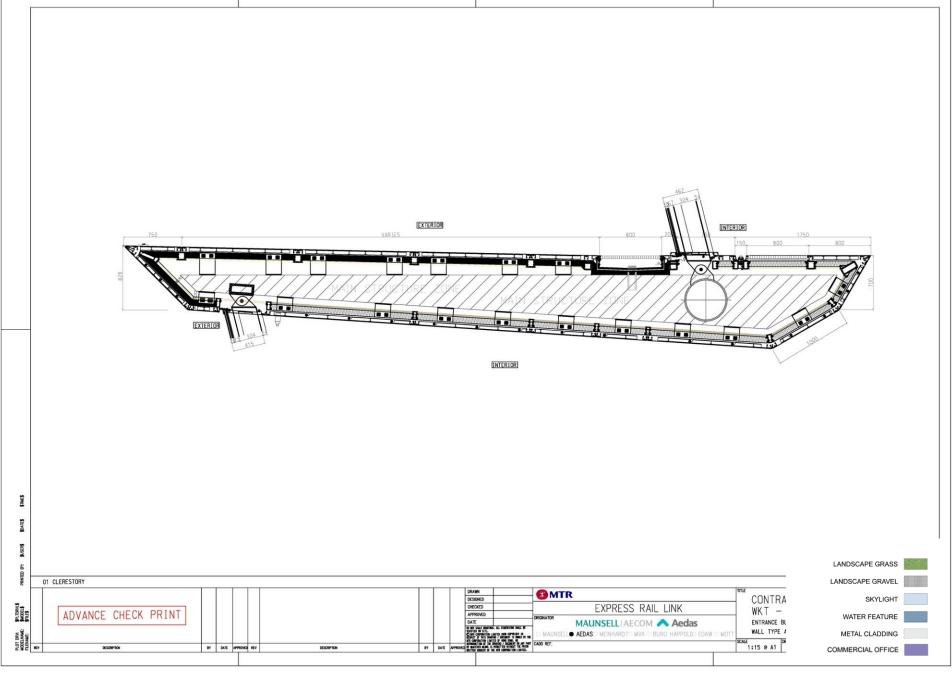




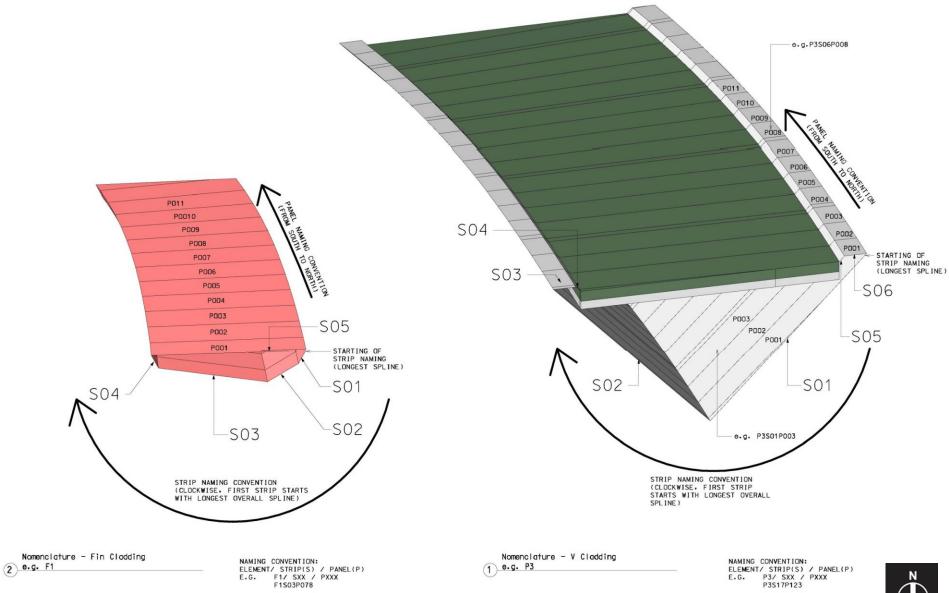


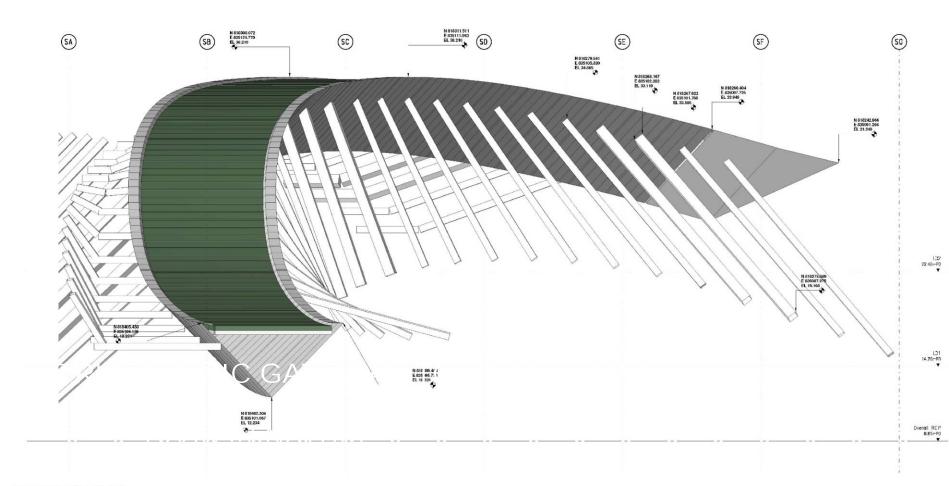
Express Rail Link - Consultancy Agreement No. C801 | Detailed Design for West Kowloon Terminus | Architectural Presentation | COMPARATIVE DIAGRAM | Proposed VS. Traditional Station



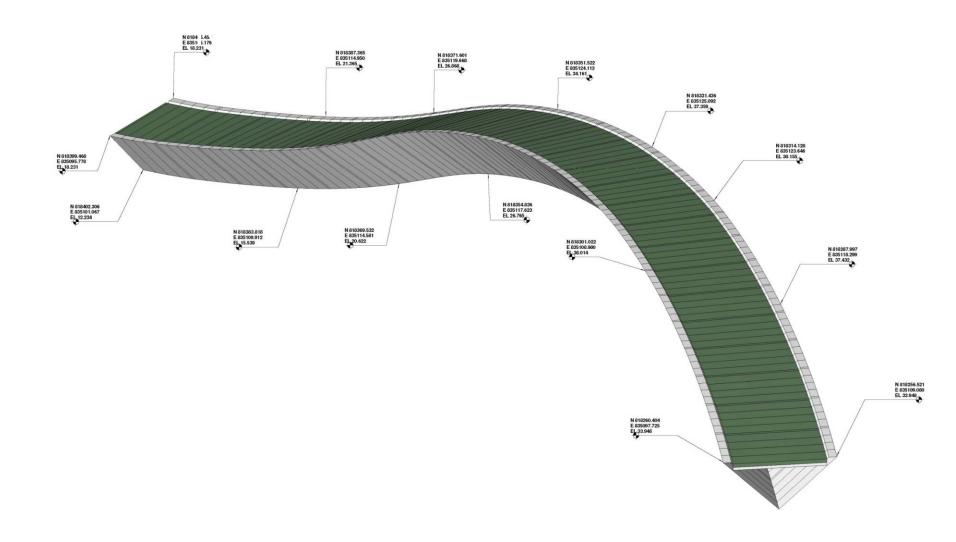


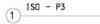
Express Rail Link - Consultancy Agreement No. C801 | Detailed Design for West Kowloon Terminus | Architectural Presentation | PLANS | General Arrangement





Component Elevation P3 North
1:100





#### Panel P3S03P082

Group ...... AL 36 Edge 1 ..... 1391 mm Edge 2 ..... 839 mm Edge 3 .... 1398 mm Edge 4 .... 839 mm Diagonal .... 1628 mm

## Panel P3S03P081

Group ..... AL 33
Edge 1 .... 1358 mm
Edge 2 .... 839 mm
Edge 3 .... 1366 mm
Edge 4 .... 839 mm
Diagonal ... 1600 mm
Area ..... 1.169 m²

# Panel P3S03P080

Group AL 34
Edge 1 267 mm
Edge 2 824 mm
Edge 3 269 mm
Edge 4 824 mm
Diagonal 867 mm
Area 0 234 m²

# Panel P3S03P079

Edge 1 ... 1358 mm
Edge 2 ... 839 mm
Edge 3 ... 1366 mm
Edge 4 ... 839 mm
Diagonal ... 1600 mm
Area ... 1.169 m²

# Panel P3S03P077

Group ..... AL 33 Edge 1 .... 1358 mm Edge 2 .... 839 mm Edge 3 .... 1366 mm Edge 4 .... 839 mm Diagonal ... 1600 mm Area ..... 1.169 m²

### Panel P3S04P082

Group ... AL 43
Edge 1 ... 1378 mm
Edge 2 .... 276 mm
Edge 3 ... 1378 mm
Edge 4 ... 276 mm
Diagonal ... 1405 mm

### Panel P3S04P081

Group ... AL 40
Edge 1 ... 1347 mm
Edge 2 ... 276 mm
Edge 3 ... 1354 mm
Edge 4 ... 276 mm
Diagonal ... 1379 mm

# Panel P3S04P080

Group AL 41
Edge 1 .... 265 mm
Edge 2 ... 271 mm
Edge 3 ... 266 mm
Edge 4 ... 271 mm
Diagonal ... 381 mm

#### Panel P3S04P079

Group ..... AL 40
Edge 1 ..... 1347 mm
Edge 2 ..... 276 mm
Edge 3 .... 1354 mm
Edge 4 .... 276 mm
Diagonal .... 1379 mm

#### Panel P3S04P078

Panel P3S03P078

Group ... AL 40 Edge 1 .... 1347 mm Edge 2 .... 276 mm Edge 3 ... 1354 mm Edge 4 ... 276 mm Diagonal ... 1379 mm

#### Panel P3S04P077

Group ...... AL 40
Edge 1 ..... 1347 mm
Edge 2 ..... 276 mm
Edge 3 ..... 1354 mm
Edge 4 .... 276 mm
Diagonal .... 1379 mm

#### Panel P3S02P082

Group ... AL 30
Edge 1 ... 1412 mm
Edge 2 ... 8443 mm
Edge 3 ... 1400 mm
Edge 4 8443 mm
Dlagonal 8559 mm

#### Panel P3S02P081

Group .... AL 29
Edge 1 .... 1400 mm
Edge 2 .... 8443 mm
Edge 3 .... 1367 mm
Edge 4 .... 8443 mm
Diagonal .... 8551 mm

#### Panel P3S02P080

Group ..... AL 23
Edge 1 .... 272 mm
Edge 2 .... 8298 mm
Edge 3 .... 272 mm
Edge 4 .... 8298 mm
Diagonal .... 8296 mm
Area .... 2,361 m²

#### Panel P3S02P079

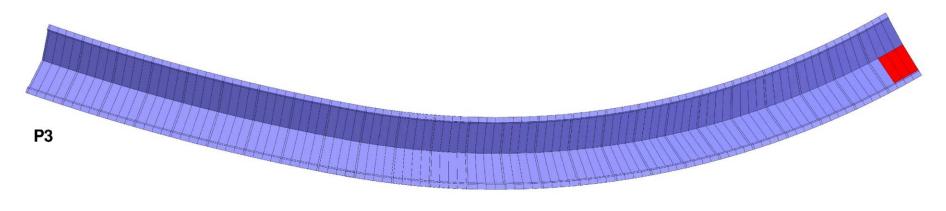
Group ..... AL 29
Edge 1 .... 1400 mm
Edge 2 .... 8443 mm
Edge 3 .... 1367 mm
Edge 4 .... 8443 mm
Diagonal ... 8551 mm
Area .... 11.801 m²

#### Panel P3S02P078

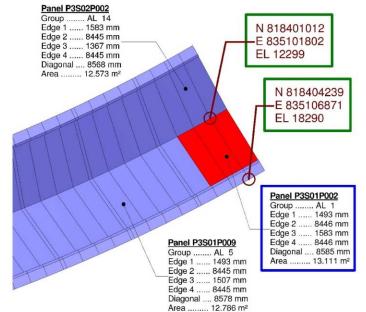
Group ...... AL 29
Edge 1 .... 1400 mm
Edge 2 .... 8443 mm
Edge 3 .... 1367 mm
Edge 4 .... 8443 mm
Diagonal ... 8551 mm
Area ..... 11.801 m²

#### Panel P3S02P077

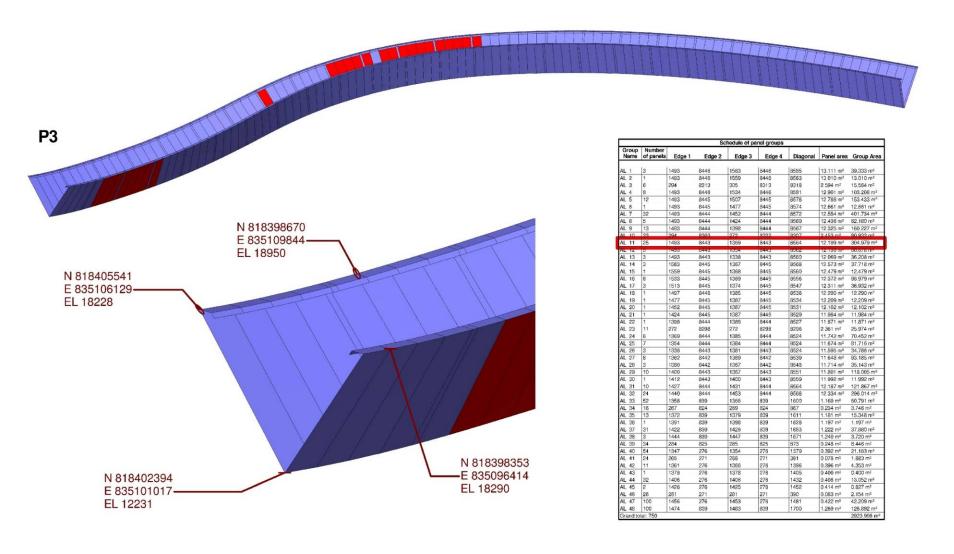
Group ..... AL 29
Edge 1 .... 1400 mm
Edge 2 .... 8443 mm
Edge 3 .... 1367 mm
Edge 4 .... 8443 mm
Diagonal .... 8551 mm
Area .... 11.801 m²

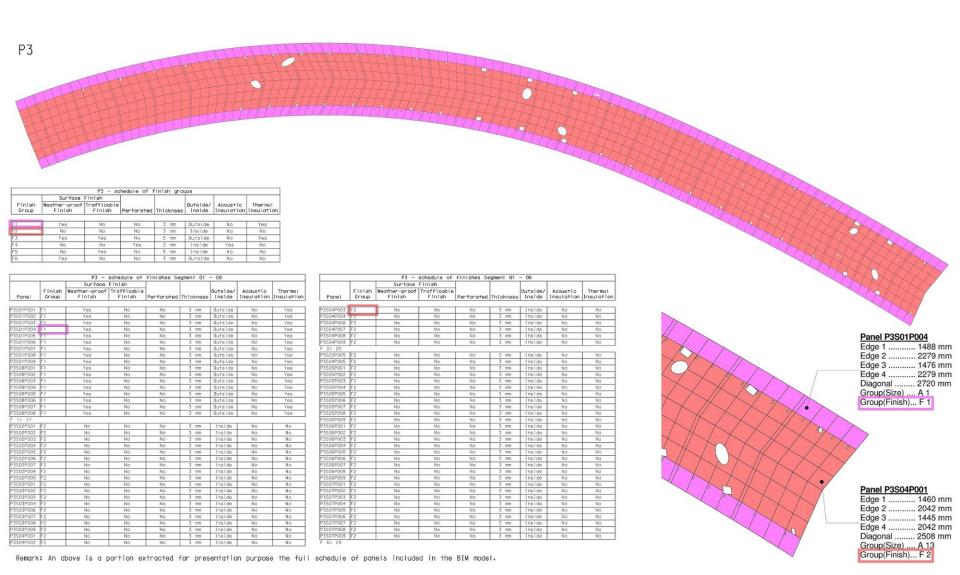


		Point 1			Point 2		Point 3			Point 4		Center of weight					Edges			-	$\overline{}$	_
Panel	P01 x	P01 y	P01 z	P02 x	P02 y	P02 z	P03 x	P03 y	P03 z	P04 x	P04 y	P04 z	С×	Су	Cz	Edge 1			3 Edge 4	Diagonal	Area	Gr
20040004	005400400	0104055	11 10000	00510101	104040000	4 40024	625106074	040404000	10000	005101000	818401012	10000	025102055	010402007	15000	1402	0440	1500	0440	2505	13 111 m²	
											818399625						8446					
											818398241						8445	1583	8446	8585	13.111 m <sup>2</sup>	
	835107598	81840293	1 18391	835102568	01038805	5 12410	835108310	818401617	16028	830193312	815398241	12060	835105447	818400604	15472	1483	8445	1583	8446	8585	13.111 m <sup>2</sup>	
1:3	Toor + non+o	0404040	7 40500	T005+000+6	10400000	1 10000	005+00007	040400000	10000	005404000	040000000	4074F	005400400	Texeopoore	15000	1400	0440	4000	10440	0000	39.333 III	_
	635106310	0104010	7 10520	035103312	01009024	1 12500	835109007	010400300	10090	633104033	818396862	12/45	035100100	010399522	15533	1493	8446	1559	8446	8583	13.010 m <sup>2</sup>	_
2:1		10101000			10,000000	0 10715		101010000	10704		010000500	10700	005100500			004	4010	005	lance	2012	13.010 m <sup>2</sup>	_
											818396588						8313	305	8313	8318	2.594 m²	_
											818390943						8313	305	8313	8318	2.594 m²	_
											818385271						8313	305	8313	8318	2.594 m <sup>2</sup>	
											818379492				19659		8313	305	8313	8318	2.594 m <sup>2</sup>	
											818373701						8313	305	8313	8318	2.594 m <sup>2</sup>	
	835120084	81837209	2 26716	835114909	81836828	0 21178	835120157	818371825	26832	835114977	818368015	21297	835117532	818370053	24006	294	8313	305	8313	8318	2.594 m²	
3:6				·										-					19		15.564 m <sup>2</sup>	<u> </u>
											818395227				15867		8446	1534	8448	8581	12.901 m <sup>2</sup>	
S01P018	835115454	81838610	0 21710	835110405	81838253	1 15899	835115973	818384746	22094	835110918	818381150	16305	835113187	818383632	19002	1493	8446	1534	8446	8581	12.901 m <sup>2</sup>	
S01P019	835115973	81838474	6 22094	835110918	81838115	0 16305	835116476	818383392	22499	835111414	818379769	16734	835113895	818382264	19408	1493	8446	1534	8446	8581	12.901 m <sup>2</sup>	
S01P021	835116575	81838312	21 22582	835111511	81837949	2 16822	835117059	818381769	23013	835111987	818378111	17278	835114283	818380623	19924	1493	8446	1534	8446	8581	12.901 m <sup>2</sup>	Т
S01P022	835117059	81838176	9 23013	835111987	81837811	1 17278	835117528	818380417	23465	835112447	818376730	17757	835114755	818379257	20378	1493	8446	1534	8446	8581	12.901 m <sup>2</sup>	
3S01P023	835117528	81838041	7 23465	835112447	81837673	0 17757	835117980	818379068	23938	835112890	818375351	18258	835115211	818377891	20855	1493	8446	1534	8446	8581	12.901 m <sup>2</sup>	
3S01P024	835117980	81837906	8 23938	835112890	81837535	1 18258	835118417	818377721	24432	835113315	818373975	18781	835115650	818376529	21353	1493	8446	1534	8448	8581	12.901 m <sup>2</sup>	
S01P026	835118503	81837745	1 24534	835113398	81837370	18888	835118921	818376108	25052	835113802	818372332	19436	835116156	818374898	21978	1493	8446	1534	8446	8581	12.901 m <sup>2</sup>	
4:8			1-000	1	1	110000		1						1		1			10000		103.208 m²	2
	835109822	81839871	4 18942	835104863	81839522	7 13005	835110485	818397388	19170	835105522	818393885	13245	835107673	818396303	16090	1493	8445	1507	8445	8578	12,786 m <sup>2</sup>	
											818392551						8445	1507	8445	8578	12.786 m <sup>3</sup>	_
											818391211				16590		8445	1507	8445	8578	12.786 m <sup>2</sup>	
											818389599				16919		8445	1507	8445	8578	12.786 m²	_
	835112504										818388252				17211	1000000	8445	1507	8445	8578	12.786 m²	
	835113103			835108097							818386900				17519	33727	8445	1507	8445	8578	12.786 m <sup>2</sup>	
											818385543				17843		8445	1507	8445	8578	12.786 m <sup>2</sup>	_
	835114368										818383906				18254		8445	1507	8445	8578	12.786 m²	_
											818382531			818384998	18618		8445	1507	8445	8578	12.786 m <sup>2</sup>	_
	835118921										818370971						8445	1507	8445	8578	12.786 m <sup>2</sup>	
																						_
	835119324										818369618				23081	1493	8445	1507	8445	8578	12.786 m²	_
	835119/11	01837342	26145	835114559	81836951	8 20585	835120084	0183/2092	26/16	835114909	818368280	21178	83511/316	18379855	23556	1493	8445	1507	8445	8578	12.786 m <sup>a</sup>	_
5:12						-1	T												Terrore		153.433 m <sup>2</sup>	1
	835120157	81837182	5   26832	835114977	81836801	5 21297	835120513	818370490	27416	835115304	818366697	21896	835117738	818369257	24360	1493	8445	1477	8445	8574	12.661 m <sup>2</sup>	
L 6: 1																					12.661 m <sup>2</sup>	

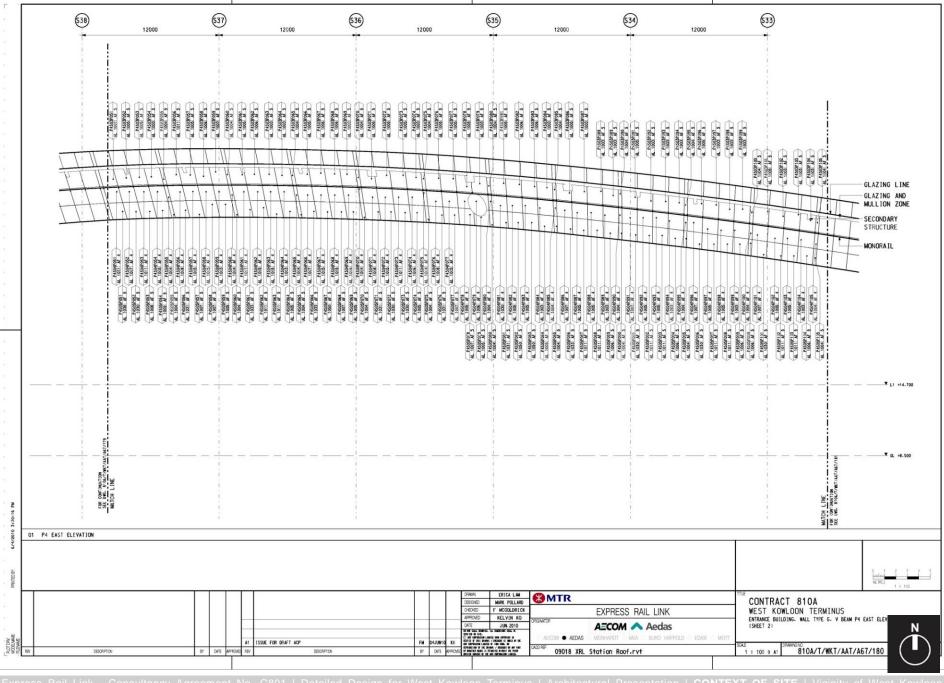


Remark: An above table is a portion extracted for presentation purpose from the full schedule of panels included in the BIM model.









AL 1005 AE 5 AL 1006 AE 5 AL 1003 AE 5	AL 1003 AF 5  AL 1003 AF 5  AL 1004 AF 5  AL 1005 AF 5  AL 1003 AF 5  AL 1003 AF 5  AL 1003 AF 5  AL 1003 AF 5
National Reserves	P4S05P094   AL 1003 AF 4     AL 1006 AF 5   P4S04P095     P4S05P095   AL 1004 AF 4     P4S05P095   AL 1004 AF 4     P4S05P096   AL 1007 AF 4     P4S05P096   AL 1007 AF 4     P4S05P097   AL 1005 AF 4     P4S05P098   AL 1005 AF 4     P4S05P099   AL 1003 AF 4     P4S05P099   AL 1004 AF 4     P4S05P099   AL