

M+ Museum

ID	Activity	RD	BL Start	BL Finish	Fcast / Actual Start	Fcast / Actual Finish	BL Finish Var	TF	2020				2021							
									Qtr 4				Qtr 1							
									Sep	Oct	Nov	Dec	Jan	Feb	Mar					
CMWP - M+ Project Remaining Works @ 10 Sep 2018 Approved Target CMWP (Rev_0_20 UPD_DD_30 Sep 20)																				
GENERAL & PRELIMINARIES (Remaining Works @ 10 SEP 2018)																				
PROJECT KEY COMPLETION DATES																				
Completion Obligations (*constrained dates for critical paths)																				
OP1	Podium, M+ Tower & CSF - Obtain OP for the Whole of M+	0		14-Dec-20		14-Dec-20*	0	-257												
OP2	RDE - Obtain OP for H'over to Employer	0		14-Jan-21		14-Jan-21*	0	-229												
PC1	Podium, M+ Tower - Obtain PC for H'over to Employer	0		14-Feb-21		14-Feb-21*	0	-229												
PC2	RDE - Obtain PC for H'over to Employer	0		14-Feb-21		14-Feb-21*	0	-229												
LEVEL 1 SUMMARY CONSTRUCTION PROGRAM																				
Basement & Podium																				
1769	[LoE] POD - MEP Works to Completion of Final Terminations	9	01-Apr-19	05-May-20	11-Oct-18 A	12-Oct-20	-134	-86												
1766	[LoE] POD - ABWF Works (Excl. Timber Finishes & Post DP & OP works)	78	15-Nov-19	11-Jun-20	15-Apr-19 A	02-Jan-21	-170	-210												
1768	[LoE] POD - ABWF (Timber Finishes and other Post DP and OP Works)	114	09-Apr-20	19-Oct-20	09-Mar-20 A	13-Feb-21	-99	-172												
1767	[LoE] POD - Drying Period	11	04-May-20	02-Jul-20	18-Apr-20 A	14-Oct-20	-87	-152												
M+ Tower																				
9793	[LoE] TW - MEP Works to Completion of Final Terminations	2	13-Apr-19	04-Dec-19	15-Oct-18 A	03-Oct-20	-246	-168												
9790	[LoE] TW - ABWF Works (Excl. Timber Finishes & Post DP & OP works)	6	23-Mar-19	18-Jan-20	30-Oct-18 A	08-Oct-20	-213	-168												
9834	[LoE] TW - Shop Front Glazing Podium L3 to M+ Tower 4/F Slab	0	01-Jun-19	02-Sep-19	27-May-19 A	30-Sep-20	-321	-209												
9792	[LoE] TW - ABWF (Timber Finishes and other Post DP and OP Works)	114	05-May-20	28-Oct-20	20-Apr-20 A	13-Feb-21	-92	-117												
CSF Building																				
9828	[LoE] CSF - MEP Works to Completion of Final Terminations	0	02-May-19	08-Nov-19	08-Apr-19 A	30-Sep-20	-266	-209												
111129	[LoE] CSF - ABWF Works (Timber Finishes & other Post OP Works)	87	01-Jun-20	12-Sep-20	14-May-20 A	13-Jan-21	-101	-80												
RDE Tower																				
9839	[LoE] RDE - ABWF Works	30	29-Mar-19	06-Apr-20	10-Nov-18 A	06-Nov-20	-178	-146												
9838	[LoE] RDE - EWS Facade Works to Weather Tight Stage (incl. Roof & UF)	11	29-Mar-19	31-Dec-19	27-Dec-18 A	14-Oct-20	-233	-175												
9836	[LoE] RDE - MEP Works to Completion of Final Terminations (L4 to 15MF)	24	01-Mar-19	30-Mar-20	07-Jan-19 A	30-Oct-20	-177	-139												
9840	[LoE] RDE - MC's T&C for FSD Inspection	36	04-Mar-20	26-May-20	21-Nov-19 A	13-Nov-20	-142	78												
9841	[LoE] RDE - MEP Works @ 15MF (BoH Plant Rooms)	24	21-Mar-20	18-Jun-20	22-Feb-20 A	30-Oct-20	-110	-140												
9794	[LoE] RDE - Post OP Miscellaneous Works	31	15-Jan-21	14-Feb-21	15-Jan-21	14-Feb-21	0	-229												
External Works																				
9814	[LoE] EXT - Along Building Boundaries	9	01-Mar-19	06-Apr-20	20-Oct-18 A	12-Oct-20	-157	-152												
COMPLETION STATUTORY INSPECTIONS & APPROVALS																				
Basement, Podium, M+ Tower & CSF Building																				
FSD & BD																				
FSD2	FSD - FSD MAIN Inspection/Re-Inspection/Remedial Works - BASEMENT	48	17-Jun-20	14-Aug-20	21-May-20 A	02-Dec-20	-91	-213												
FSD2b	FSD - FSD MAIN Inspection/Re-Inspection/Remedial Works - M+ TOWER	6	21-May-20	18-Jul-20	21-May-20 A	02-Dec-20	-114	-213												
1189	BD - Obtain OP for Basement/Podium/M+/CSF	6	08-Dec-20	14-Dec-20	08-Dec-20	14-Dec-20	0	-213												
RDE Building																				
FSD & BD																				
RDE_FSD	RDE_FSD - FSD Inspection/Re-Inspection/Remedial Works (layouts & sys)	11	03-Nov-20	14-Nov-20	03-Nov-20	14-Nov-20	0	-146												
7484	RDE_FSD - Submit Form 314 & Form 501	0		12-Nov-20		12-Nov-20*	0	-155												
RDE_BD	RDE_BD - Inspection/Re-Inspection	6	28-Dec-20	02-Jan-21	28-Dec-20	02-Jan-21	0	-190												
7490	RDE_BD - Obtain OP for RDE	10	04-Jan-21	14-Jan-21	04-Jan-21	14-Jan-21	0	-190												



	Base Line MS		Current - Struct Works		Current - Facade Works
	Milestone		Current - MEP Works		Critical Works
	Current - Other Works		Current - ABWF Works		Base Line ACT

CMWP Rev. 0_20 - Level 1 Summary Bar Chart (20th Update DD: 30Sep20)

Date	Revision	Checked	Approved
01-Feb-19	CMWP Rev. 0 - Approved Master Programme	NS	BG
10-Oct-20	CMWP Rev.0_20 - 20th Update (dd: 30 Sep 20)	AB	BG

L1

Activity ID	Activity Name	Start Date	Finish Date	2020			2021
				Oct	Nov	Dec	Jan
				34	35	36	37
L1 Contract for Lyric Theatre Complex (3MRP)							
Cost Centre C - Basement							
Cost Centre C1 - Essential Basement Structure (Excl. AET Protection & Box Culvert)							
SU10000	South Basement - Central Area	30-Apr-19 A	27-Feb-21				
SU11000	South Basement - South / West Area	14-Dec-19 A	10-Feb-21				
SU12000	South Basement - East Area	27-Feb-20 A	04-Mar-21				
SU13000	North Basement - North Area	12-Jun-19 A	30-Mar-21				
SU14000	North Basement - Area 6	01-Jun-19 A	02-Mar-21				
Cost Centre C3 - AET Protection							
SU20000	Wall Beam WF	27-Mar-20 A	13-Nov-20				
SU21000	Wall Beam WE	08-Jun-20 A	05-Dec-20				
SU22000	Wall Beam W2	18-Apr-20 A	18-Nov-20				
SU23000	Wall Beam W1	18-Apr-20 A	25-Nov-20				
SU24000	Wall Beam WB	18-May-20 A	14-Nov-20				
SU25000	Wall Beam WC	06-May-20 A	23-Dec-20				
SU26000	Wall Beam WD	23-May-20 A	23-Dec-20				
SU27000	Structure between Wal Beam	19-Aug-20 A	17-Feb-21				

- Remaining Work
- Critical Remaining Work
- Actual Work
- Milestone

Project ID: L13MRP-20201031-ENV
Layout: L1-3MRP (Env)
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West Kowloon Cultural District Authority
L1 Contract for Lyric Theatre Complex & Extended Basement
Three Month Rolling Programme (3MRP) - Status as of 31 Oct 2020



Activity ID	Activity Name	Start Date	Finish Date	2020			2021
				Oct	Nov	Dec	Jan
				34	35	36	37
Cost Centre C4 - Box Culvert							
SU30000	South Section	21-Nov-20*	19-Feb-21				
SU31000	North Section	22-Jun-20 A	17-Feb-21				
SU32000	Austin Road	29-Jun-20 A	31-Jul-21				
Cost Centre D - Public Infrastructure Works (PIW)							
SU40000	Drainage Works	20-Mar-18 A	05-Dec-20				
SU41000	Utilities & Road Works	04-Oct-18 A	01-Apr-21				
SU42000	Box Culvert Outfall	26-Nov-20	31-Aug-21				
Cost Centre E - Miscellaneous Works							
SU50000	Drainage & Sewerage Works	19-Nov-19 A	27-May-21				
SU52000	DCS Outfall	26-Nov-20	31-Aug-21				

- Remaining Work
- Critical Remaining Work
- Actual Work
- Milestone

Project ID: L13MRP-20201031-ENV
Layout: L1-3MRP (Env)
Page: 2 of 2

West Kowloon Cultural District Authority
L1 Contract for Lyric Theatre Complex & Extended Basement
Three Month Rolling Programme (3MRP) - Status as of 31 Oct 2020



L2

Activity ID	Activity Name	Planned Dur	Planned Start	Planned Finish	Forecast / Actual Start	Forecast / Actual Finish	Activity % Complete	Finish Variance	Total Float	Calendar	2019 2020 2021 2022 2023 2024																																																						
											O	N	D	J	F	M	A	M	J	Jun	A	S	O	N	D	J	F	M	A	M	J	Jun	A	S	O	N	D	J	F	M	A	M	J	Jun	A	S	O	N	D	J	F	M	A	M	J	Jun	A	S	O	N	D	J	F	M	
L2-CSWP 2020-09-30																																																																	
GENERAL																																																																	
Works Package L2 Summary Programme																																																																	
L210100	Summ-Award of Contract / Commencement of (L2) Main Work	0	23-Nov-18		23-Nov-18 A		100%	0		G1	◆ Summ-Award of Contract / Commencement of (L2) Main Works Contract (Tentative),																																																						
L210110	Summ-Design Co-ordination & Submissions (REF: Schedule of Key Dates)	240	23-Nov-18	20-Jul-19	23-Nov-18 A	20-Jul-19 A	100%	0		G1	◆ Summ-Design Co-ordination & Submissions (REF: Schedule of Key Dates)																																																						
L210120	Summ-Front-End Design	240	23-Nov-18	20-Jul-19	23-Nov-18 A	20-Jul-19 A	100%	0		G1	◆ Summ-Front-End Design																																																						
L210130	Summ-Front-End Design, Pre-Construction Coordination & Procurement	607	23-Nov-18	21-Jul-20	23-Nov-18 A	18-May-21	61.94%	-301	-176	G1	◆ Summ-Front-End Design, Pre-Construction Coordination & Procurement																																																						
L210140	Summ-Early Complete Portion of the M+ Promenade	274	25-Nov-19	24-Aug-20	21-Nov-20	19-Aug-21	0%	-360	-360	G1	◆ Summ-Early Complete Portion of the M+ Promenade																																																						
L210150	Summ-Start of access by L2 Contractor on site (South Portion)	0	30-Sep-19		30-Sep-19 A		100%	0		G1	◆ Summ-Start of access by L2 Contractor on site (South Portion),																																																						
L210160	Summ-Vibration isolator installation	141	30-Sep-19	17-Feb-20	30-Sep-19 A	12-Nov-20	68.79%	-269	-267	G1	◆ Summ-Vibration isolator installation																																																						
L210170	Summ-Extended Basement South Non-structural walls and risers	151	30-Sep-19	27-Feb-20	30-Sep-20	01-Mar-21	0%	-368	-366	G1	◆ Summ-Extended Basement South Non-structural walls and risers																																																						
L210180	Summ-LTC Basement Structure Construction (B02 to L00)	276	16-Jan-20	17-Oct-20	13-May-20 A	24-Apr-21	37.08%	-189	-193	G1	◆ Summ-LTC Basement Structure Construction (B02 to L00)																																																						
L210190	Summ-Available access by L2 Contractor on site (Remaining North Portion)	0	27-Apr-20		30-Sep-20		0%	-156	1439	G1	◆ Summ-Available access by L2 Contractor on site (Remaining North Portion),																																																						
L210200	Summ-Extended Basement North Non-structural walls and risers	156	27-Apr-20	29-Sep-20	30-Sep-20	13-Mar-21	0%	-165	-164	G1	◆ Summ-Extended Basement North Non-structural walls and risers																																																						
L210210	Summ-Basement Weathertight	0		17-Oct-20		24-Apr-21	0%	-189	1232	G1	◆ Summ-Basement Weathertight, 24-Apr-21																																																						
L210220	Summ-DCS Pumps Delivery (subject to CAI)	244	21-Aug-19	20-Apr-20	01-Dec-20	30-Jul-21	0%	-465	-108	G1	◆ Summ-DCS Pumps Delivery (subject to CAI)																																																						
L210230	Summ-DCS Chiller Delivery & Installation (subject to CAI)	457	10-Jun-19	08-Sep-20	23-Oct-20	30-Oct-21	0%	-417	-208	G1	◆ Summ-DCS Chiller Delivery & Installation (subject to CAI)																																																						
L210240	Summ-DCS Overall Installation, Commissioning, and Integration	589	20-Jul-20	28-Feb-22	05-Jul-21	31-Oct-22	0%	-245	-184	G1	◆ Summ-DCS Overall Installation, Commissioning, and Integration																																																						
L210250	Summ-Basement - ABWF, & Bldg. Services Installation	579	30-Sep-19	30-Apr-21	30-Sep-20	19-Apr-22	0%	-354	-291	G1	◆ Summ-Basement - ABWF, & Bldg. Services Installation																																																						
L210260	Summ-LTC superstructure	386	06-Jul-20	26-Jul-21	02-Mar-21	14-Jun-22	0%	-323	-299	G1	◆ Summ-LTC superstructure																																																						
L210270	Summ-CLP Power-On	0		22-Nov-21		03-Aug-22	0%	-253	767	G1	◆ Summ-CLP Power-On, 03-Aug-22																																																						
L210280	Summ-Basement Firemen's Lift Installation and Testing	378	08-Jan-21	20-Jan-22	10-Oct-21	27-Sep-22	0%	-250	-171	G1	◆ Summ-Basement Firemen's Lift Installation and Testing																																																						
L210290	Summ-Basement Bldg. Services Testing and Commissioning	142	23-Nov-21	13-Apr-22	03-Aug-22	13-Dec-22	0%	-244	-248	G1	◆ Summ-Basement Bldg. Services Testing and Commissioning																																																						
L210300	Summ-Superstructure Complete (Topping out)	0		26-Jul-21		14-Jun-22	0%	-323	816	G1	◆ Summ-Superstructure Complete (Topping out), 14-Jun-22																																																						
L210310	Summ-Facade installation	443	11-Sep-20	27-Nov-21	26-May-21	06-Aug-22	0%	-252	-218	G1	◆ Summ-Facade installation																																																						
L210320	Summ-Roof / Wall Cladding Installation	183	29-May-21	27-Nov-21	24-Jan-22	28-Jul-22	0%	-243	-210	G1	◆ Summ-Roof / Wall Cladding Installation																																																						
L210330	Summ-Weathertight Superstructure Complete	0		27-Nov-21		06-Aug-22	0%	-252	763	G1	◆ Summ-Weathertight Superstructure Complete, 06-Aug-22																																																						
L210340	Summ-Secondary steel structures for Theatre Equipment installation	141	24-Apr-21	11-Sep-21	18-Jan-22	09-Jul-22	0%	-301	-191	G1	◆ Summ-Secondary steel structures for Theatre Equipment installation																																																						
L210350	Summ-Theatre Equipment Installation, Fit-Out, and FFE	753	17-Aug-21	08-Sep-23	17-May-22	10-Jul-24	0%	-306	-306	G1	◆ Summ-Theatre Equipment Installation, Fit-Out, and FFE																																																						
L210360	Summ-Lifts and escalators	378	08-Jan-21	20-Jan-22	09-Oct-21	27-Sep-22	0%	-250	-204	G1	◆ Summ-Lifts and escalators																																																						
L210370	Summ-MEP installation and ABWF	743	31-Jul-20	12-Aug-22	12-Jun-21	28-Apr-23	0%	-259	-230	G1	◆ Summ-MEP installation and ABWF																																																						
L210380	Summ-System Tests and Statutory Inspection	385	23-Nov-21	12-Dec-22	03-Aug-22	03-Oct-23	0%	-295	-299	G1	◆ Summ-System Tests and Statutory Inspection																																																						
L210390	Summ-Landscaping Works at Avenue Level	632	20-May-21	10-Feb-23	20-May-21	02-Dec-23	0%	-295	-295	G1	◆ Summ-Landscaping Works at Avenue Level																																																						
L210400	Summ-Complete Integrated System T&C	0		27-Apr-22		16-Feb-23*	0%	-295	-295	G1	◆ Summ-Complete Integrated System T&C																																																						
L210410	Summ-Occupation Permit for LTC & EB	0		12-Dec-22		03-Oct-23*	0%	-295	-295	G1	◆ Summ-Occupation Permit for LTC & EB																																																						
L210420	Summ-Post OP Works	270	13-Dec-22	08-Sep-23	03-Oct-23	10-Jul-24	0%	-306	-306	G1	◆ Summ-Post OP Works																																																						
L210430	Summ-Tenant Fit-Out (RDE, Dance Company, etc.)	210	11-Feb-23	08-Sep-23	02-Dec-23	10-Jul-24	0%	-306	-306	G1	◆ Summ-Tenant Fit-Out (RDE, Dance Company, etc.)																																																						
L210440	Summ-Practical Completion--EB and Promenade	0		10-Feb-23		23-Nov-23	0%	-286	289	G1	◆ Summ-Practical Completion--EB and Promenade																																																						
L210450	Summ-PPE License	180	13-Mar-23	08-Sep-23	13-Jan-24	10-Jul-24	0%	-306	-306	G1	◆ Summ-PPE License																																																						
L210460	Summ-Practical Completion--LTC	0		08-Sep-23		10-Jul-24	0%	-306	59	G1	◆ Summ-Practical Completion--LTC																																																						
L210470	Summ-Commencement of Post-Handover Services	0		08-Sep-23		10-Jul-24	0%	-306	59	G1	◆ Summ-Commencement of Post-Handover Services																																																						

SUBJECT TO REVIEW DUE TO LIMITED SITE ACCESS GIVEN ON 30-SEP-2020



**L2 CONTRACT FOR LYRIC THEATRE COMPLEX AND EXTENDED BASEMENT PROJECT FOR THE WEST
KOWLOON CULTURAL DISTRICT
PROGRAMME UPDATE OF CSWP REV 0 - AS OF 30-Sep-20 (Page 1 of 1)**

Date	Revision	Checked	Approved
30-Sep-20	CSWP Update	JL / DP	BC