

**M+ Museum**

















Table with columns: ID, Activity, RD, BL Start, BL Finish, Fcast/Actual Start, Fcast/Actual Finish, BL Fin Var, Sch %, Curr %, and a Gantt chart for 2019 (Qtr 4, Nov, Dec) and 2020 (Qtr 1, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep).



















Table with columns: ID, Activity, RD, BL Start, BL Finish, Fcast / Actual Start, Fcast / Actual Finish, BL Fin Var, Sch %, Curr %, and monthly progress bars from Nov to Sep.

























**L1**

Activity ID	Activity Name	Start Date	Finish Date	2019		2020	
				Nov 23	Dec 24	Jan 25	Feb 26
<b>L1 Contract for Lyric Theatre Complex (3MRP)</b>							
<b>Cost Centre B - Excavation and Lateral Support (ELS) Stage 2</b>							
<b>Excavation and ELS Works (Stage 2)</b>							
CB162000	[North - Area 3 & 4] Excavate to Formation Level -9.6 mPD (46,575 cu.m)	18-Apr-19A	30-Oct-19A				
CB162100	[North - Area 3 & 4] Pile Head Treatment (52 nr BP)	09-May-19A	23-Nov-19A	■			
CB161020	[South - Area 1 & 2] Install 5th Layer of Strut S5	09-Jul-19A	23-Nov-19A	■			
CB161030	[South - Area 1 & 2] Excavate South / West Soil Berm to -12.4mPD (18,145 cu.m)	27-Nov-19A	02-Jan-20		■		
CB161060	[South - Area 1 & 2] Excavate East Soil Berm to -12.0mPD (9,750 cu.m)	12-Dec-19*	04-Jan-20		■		
CB161040	[South - Area 1 & 2] Pile Head Treatment at South / West (22 nr BP)	17-Dec-19	16-Jan-20		■		
CB161070	[South - Area 1 & 2] Install 6th Layer of Strut S6	19-Dec-19	11-Jan-20		■		
CB161100	[South - Area 1 & 2] Excavate East Berm to Formation Level -14.2mPD (4,750 cu.m)	06-Jan-20	29-Jan-20			■	
CB161200	[South - Area 1 & 2] Pile Head Treatment at East (14 nr BP)	16-Jan-20	08-Feb-20			■	
CB161210	[South/North] BA14 Completion of ELS - BD Submission & Acknowledgement	29-Jan-20	04-Feb-20				■
<b>Cost Centre C - Basement</b>							
<b>Cost Centre C1 - Essential Basement Structure (Excl. AET Protection &amp; Box Culvert)</b>							
CC102420	[Area 6 - L06] Construct B1-B1M Columns & Structural Walls	07-Dec-18A	04-Dec-19	■	■		
CC102430	[Area 6 - L06] Construct B1M Beam & Slab	14-Jan-19A	09-Dec-19	■	■		
CC100100	[South - L01] Blinding Layer for Pile Cap / B2 Slab at Central Portion	30-Apr-19A	31-Oct-19A				
CC100200	[South - L01] Construct Central Pile Cap / B2 Slab at -11.3mPD & -14.2mPD	09-May-19A	09-Nov-19A	■			
CC102510	[Area 6 - L06] Construct B1M-GF Columns & Structural Walls	13-May-19A	11-Dec-19	■	■		
CC101400	[North - L04] Blinding Layer for Pile Cap / B2 Slab	12-Jun-19A	23-Nov-19A	■			
CC101500	[North - L04] Construct Pile Cap / B2 Slab at -9.6mPD	22-Jun-19A	06-Dec-19	■	■		
CC100420	[South - L01] Construct Central B2-B1 Columns & Structural Walls	02-Oct-19A	31-Dec-19	■	■		
CC101700	[North - L04] Construct B2-B1 Columns & Structural Walls	07-Nov-19A	19-Feb-20	■	■	■	■
CC101600	[North - L04] Remove Strut Layer S4	02-Dec-19	08-Jan-20		■		
CC100440	[South - L01] Construct Central B1 Beam & Slab	02-Dec-19	22-Jan-20		■		

■ Remaining Work  
■ Critical Remaining Work  
■ Actual Work  
◆ Milestone

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 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 30 Nov 2019**



Activity ID	Activity Name	Start Date	Finish Date	2019		2020	
				Nov	Dec	Jan	Feb
				23	24	25	26
CC102600	[Area 6 - L06] Modify Pile Wall for Connection M+ Basement	12-Dec-19	12-Feb-20				
CC102520	[Area 6 - L06] Construct GF Beam & Slab (South & Northeast)	12-Dec-19	12-Feb-20				
CC100510	[South - L01] Construct B1-B1M Central Columns & Structural Walls	02-Jan-20	22-Feb-20				
CC100210	[South - L01] Blinding Layer for Pile Cap / B2 Slab at South / West	06-Jan-20	29-Jan-20				
CC100220	[South - L01] Construct South / West Pile Cap / B2 Slab at -12.4mPD	08-Jan-20	19-Feb-20				
CC101780	[North - L04] Construct B1 Beam & Slab	13-Jan-20	11-Mar-20				
CC100520	[South - L01] Construct B1M Central Beam & Slab	23-Jan-20	14-Mar-20				
CC100290	[South - L01] Blinding Layer for Pile Cap / B2 Slab at East	03-Feb-20	15-Feb-20				
CC100300	[South - L01] Construct East Pile Cap / B2 Slab at -14.2mPD	05-Feb-20	07-Mar-20				
CC100560	[South - L01] Construct B1M-GF Central Columns & Structural Walls	24-Feb-20	16-Apr-20				
<b>Cost Centre D - Public Infrastructure Works (PIW)</b>							
<b>Cost Centre D2 - Austin Road West Lay-by</b>							
<b>Cost Centre D2.1 Roadworks and Remaining</b>							
<b>MC30-Ch.170 to MC30-Ch.150</b>							
CD210730	MC30-Ch170-150: Roadworks & Footpath	30-Jan-19A	03-Jan-20				
CD210750	MC30-Ch170-150: Install Street Furniture & Lighting	04-Jan-20	24-Jan-20				
<b>MC30-Ch.150 to MC30-Ch.100</b>							
CD210630	MC30-Ch150-100: Roadworks & Footpath	13-Feb-19A	16-Dec-19				
CD210650	MC30-Ch150-100: Install Street Furniture & Lighting	29-Jan-20	18-Feb-20				
<b>MC30-Ch.100 to MC30-Ch.50</b>							
CD210530	MC30-Ch100-50: Roadworks & Footpath	11-Jul-19A	10-Jan-20				
CD210535	MC30-Ch100-50: Maintenance Staircase	06-Jan-20	29-Jan-20				
CD210550	MC30-Ch100-50: Install Street Furniture & Lighting	19-Feb-20	10-Mar-20				
<b>MC30-Ch.50 to MC30-Ch.00</b>							
CD210420	MC30-Ch50-00: DN450 Freshwater (0+64 - 0+14)	14-Mar-19A	03-Jan-20				
CD210425	MC30-Ch50-00: DN450 Salt Water (0+062 - 0+12)	14-Mar-19A	03-Jan-20				
CD210430	MC30-Ch50-00: Roadworks & Footpath	13-Jan-20*	02-Mar-20				

■ Remaining Work  
■ Critical Remaining Work  
■ Actual Work  
◆ Milestone

Project ID: L13MRP-20191130  
 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 30 Nov 2019**





Activity ID	Activity Name	Start Date	Finish Date	2019		2020	
				Nov 23	Dec 24	Jan 25	Feb 26
<b>MC20-Ch.140 to MC20-Ch.100</b>							
CD210310	MC20-Ch140-100: Road Drainage (WL1.12 to WL1.9)	06-Jun-19A	10-Jan-20				
CD210320	MC20-Ch140-100: DN450 Freshwater (0+14 - 0+00)	11-Jan-20	24-Jan-20				
CD210325	MC20-Ch140-100: DN450 Salt Water (0+12 - 0+00)	11-Jan-20	24-Jan-20				
<b>Cost Centre D2.2 Drainage</b>							
<b>MC20-Ch.140 to MC20-Ch.00</b>							
CD220190	MC20-Ch140-00: 1800mm dia Drainage (SF1.1 to SF1.1A) - 30m	02-Jul-19A	03-Jan-20				
<b>MC20-Ch.120 to MC20-Ch.100 (MH SF_1.1 to SF_1.1B)</b>							
CD201910	MC20-Ch140-00: 1800mm dia Drainage (SF1.1 to SF1.1B) - Trail Pit & Break Retaining Wall	06-Jul-19A	09-Dec-19				
CD201920	MC20-Ch140-00: 1800mm dia Drainage (SF1.1 to SF1.1B) - Sheet Pile	04-Dec-19	17-Dec-19				
CD201930	MC20-Ch140-00: 1800mm dia Drainage (SF1.1 to SF1.1B) - Excavation & ELS	14-Dec-19	07-Jan-20				
CD201940	MC20-Ch140-00: 1800mm dia Drainage (SF1.1 to SF1.1B) - Install Drainage Pipe	28-Dec-19	11-Jan-20				
CD201950	MC20-Ch140-00: 1800mm dia Drainage (SF1.1 to SF1.1B) - Construct Manhole	31-Dec-19	16-Jan-20*				

**L2**

# Mark up Rolling Programme (as of 10 Jan 2020)

Work Item	2019												2020			
	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr		
1 Visual Mock Up																
a) Material and shop drawing submission & approval																
b) Identify Location, Install VMU, Inspection/ Approval																
2 PTMD and CPMD Compliance Review																
3 Major E&M Submissions																
a) Submission of CSD & CBWD LTC																
4 DfMA Development (MEP Module)																
a) DfMA Development - LB2																
b) DfMA Development - LB1 and LB1M																
5 Main Contractor's Design Item																
a) Façade shop drawings submission/ resubmission																
b) Stage Lighting Design Coordination																
c) AV Design Coordination																
d) Stage Machinery Design Coordination																
6 MT Steel Truss Shop Drawings Submission and Approval																
7 LTC Construction																
Apply Waterproofing																
VIS Installation																
B2 Construction																
B2U/F and B1L/F Construction																
8 Extended Basement																
Builder's Works in Extended Basement (South)																
BS Installation (South B2)																
9 DCS Cofferdam A																
DCS Cofferdam A - Section 1																
DCS Cofferdam A - Section 2																
10 Remaining Works for M+ Promenade																
11 Modification to Existing Pump Cell																
Reprovision of Sea Water Pump Cell																

- Note**
- VMU:** Delayed pending for design and material finalisation. VMU completion deadline moved by agreement.
  - MEP:** Shop drawings submission dependent on resolution of BIM coordination issues and CAI issues.
  - DfMA:** Delay due to CAI-026, CAI-031, L1 CAI-074 and L1 CAI-077.
  - Façade:** Delay due to unfrozen design and design changes.
  - DCS, Remaining Works for M+ Promenade, Reprovision of Pump Cell:** Delay due to absence of site possession.