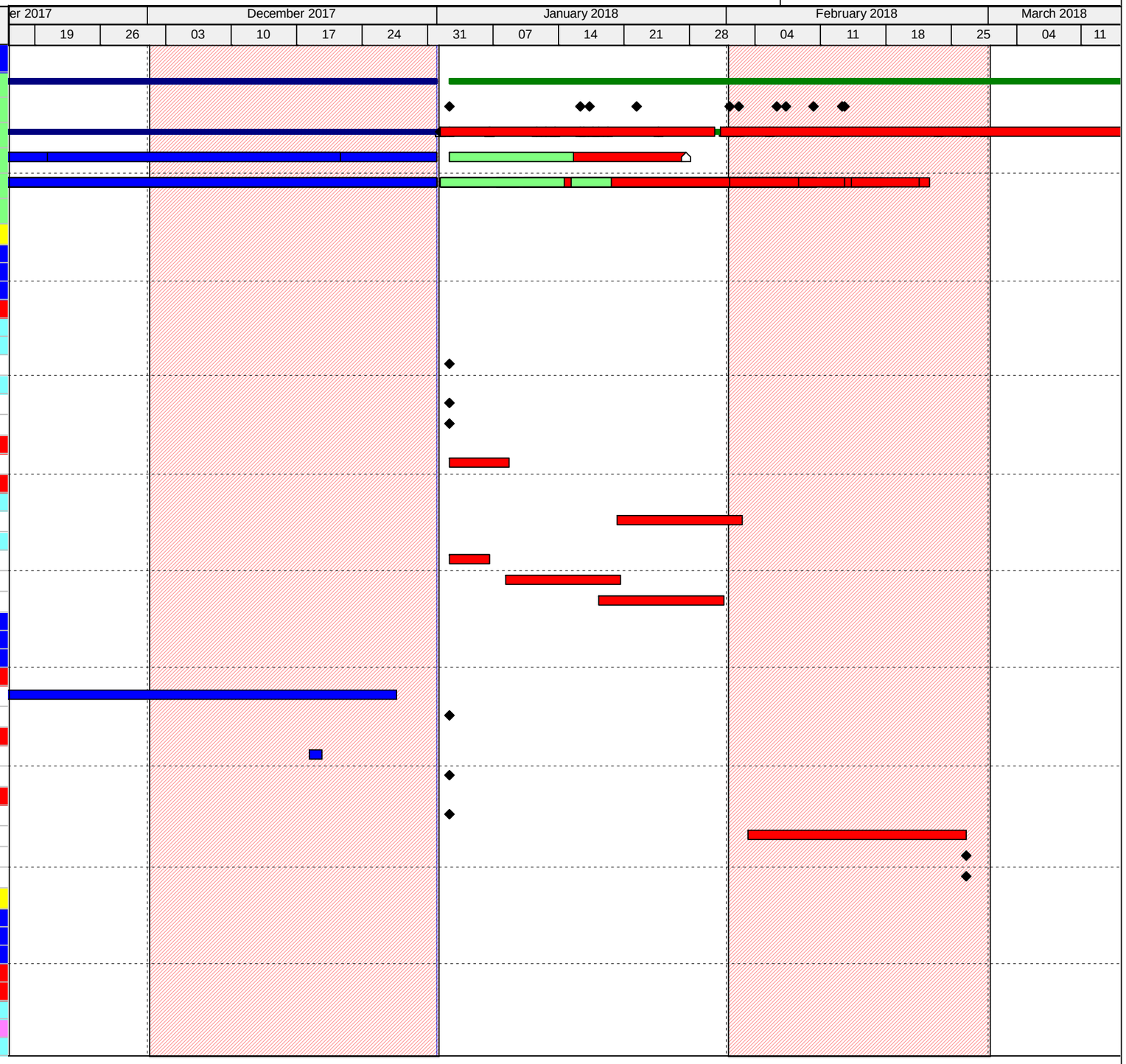
Contract No. HY/2014/05 - Remaining Ancillary Building and Facilities

Activity ID	Activity Name
C8 - 3 Month Rolling Programme, Statused 01 January 2018	
PROGRAMME SUMMARY	
Fire Service Inspection Schedule Summary	
GENERAL/PRELIMINARIES	
DESIGN AND ENGINEERING	
PROCUREMENT, MANUFACTURING & DELIVERIES	
CONSTRUCTION	
Building 021 - C&ED Dangerous Goods Store	
Raft	
Structure	
ABWF/E&M	
Internal Finishes	
Degree 1	
Degree 2	
RAB-21-0410	021 - Power On
Degree 3	
RAB-21-0345	KD4C - Projected achievement of Stage 4C of the Works
RAB-KD4C10	021 - End Users and MoM handover inspection
Roof Finishes	
RAB-21-0270	021 - Install Railing 50m
External Finishes	
Facade	
RAB-21-0320	021 - Snagging and Remedials (External)
At Grade	
RAB-21-380	021 - Prepare Sub Grade
RAB-21-390	021 - Lay Granular Sub-Base
RAB-21-360	021 - Concrete Block Paving
Utilities and Drainage	
Testing & Commissioning	
Statutory Submissions & Approvals (Day 670 Completion)	
Dangerous Goods Licence	
RAB-21-0350	021 - DG Licence Iprocessing & Inspection
RAB-21-0360	021 - Issue DG Licence
Fire Servives Department (VAC)	
RAB-FSD-300	021 - FS Inspection Period
RAB-FSD-310	021 - Fire Certificate Obtained (Form 172) Handover
Engineer (AECOM)	
RAB-21-2190	021 - Submit As-Built Drawings to the Engineer
RAB-21-2200	021 - Engineer Inspection Period
RAB-21-2210	021 - Engineer Issue Occupation Permit
RAB-KD154	KD4 - Projected completion of Section IV of the Works (670 days) Building 0
Building 022 - Customs Detective Dog Base Building	
Excavation	
Raft Foundations	
Structure	
Walls & Columns	
Roof Slab	
North Structure	
Cure and Strip	
Middle Structure	



Remaining Level of Effort
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Critical Remaining ...
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Finish Constraint

3-Month Rolling Programme Update, 01 Jan. 2018

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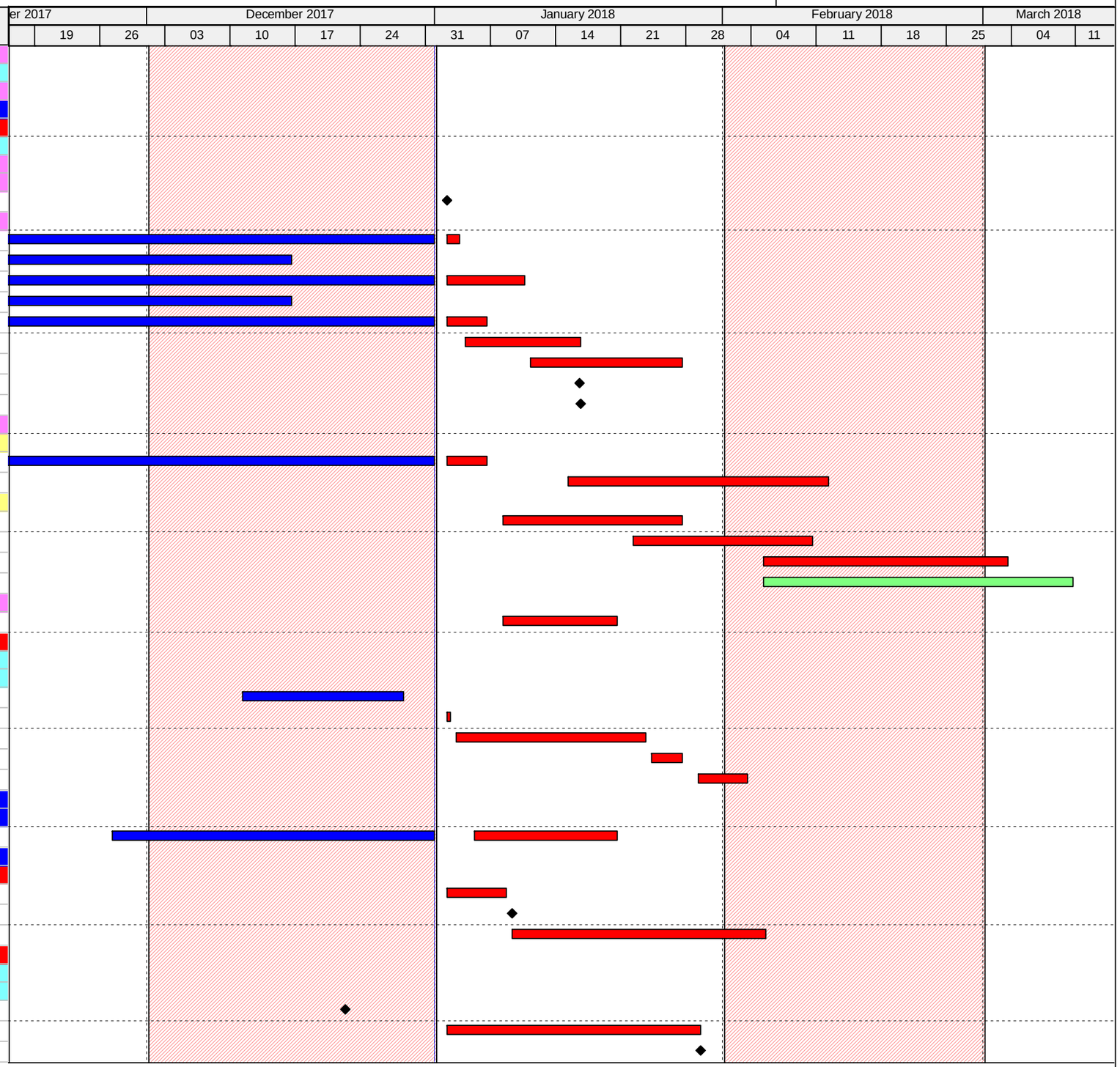
Contract No. HY/2014/05 - Remaining Ancillary Building and Facilities

Activity ID	Activity Name
Cure and Strip	
South Structure	
Cure and Strip	
ABWF/E&M	
Internal Finishes	
North	
Degree 1	
Degree 2	
RAB-22-0910	022 - Power On
Degree 3	
RAB-22-0865	022- Ceiling Frame & Board Panel
RAB-22-8395	022 - Wall Tiling & Painting
RAB-22-8275	022 - MEP Final Fix
RAB-22-8365	022 - Floor Finish Other Than Early Handovr Rooms
RAB-22-8265	022 - Door Panel & Ironmongery
RAB-22-8295	022 - Snagging and Remedials (Bldg. Internal)
RAB-22-0870	022 - MEP Balance of Works
RAB-22-0980	022 - End Users and MOM Handover Inspection
RAB-22-0950	022 - ABWF and MEP works to Degree 3 (KD5C)
External Finishes	
Facade	
RAB-22-0470	022 - External Painting, Tiling & Cladding
RAB-22-0710	Snag Listing - Bldg. External & External Works
At Grade	
RAB-22-2100	022 - Prepare Sub Grade
RAB-22-2120	022 - Lay Granular Sub-Base
RAB-22-2140	022 - Concrete Block Paving
RAB-22-2170	022 - Landscaping for Outdoor Excise Lawn
Roof Finishes - North	
RAB-22-0720	022 - Make good external surfaces
Specialist Installations	
Window Wall	
Dog Swimming Pool	
RAB-22-0600	022 - Tiling to Dog Swimming Pool
RAB-22-0490	022 - Backfill to ground level at Dog Swimming Pool
RAB-22-0640	022 - Plumbing and filtration systems
RAB-22-0630	022 - Metalworks and Railings
RAB-22-0700	022 - Snagging and Remedials - Dog Pool
Utilities and Drainage	
Testing & Commissioning	
RAB-TC22-1000	022 - T&C (HVAC, FS, P&D, OTHERS)
Statutory Submissions & Approvals (Day 670 Completion)	
BEEO	
RAB-BEE-120	022 - Registered Energy Assessor Inspection & Certification
RAB-BEE-130	022 - Submit REA Certification to EDMS
RAB-BEE-140	022 - EDMS Issue of Cert of Compliance Registration (COCR)
Water Supplies Department (WSD)	
Commencement	
Completion	
RAB-WSD-804	022 - Submit WWO 46 Pt. IV
RAB-WSD-254	022 - WSD's Processing/Inspection/Meter Connection
RAB-WSD-264	022 - Permanent Water ON/WSD Issue WWO 46 Part V Cert & Water Cor



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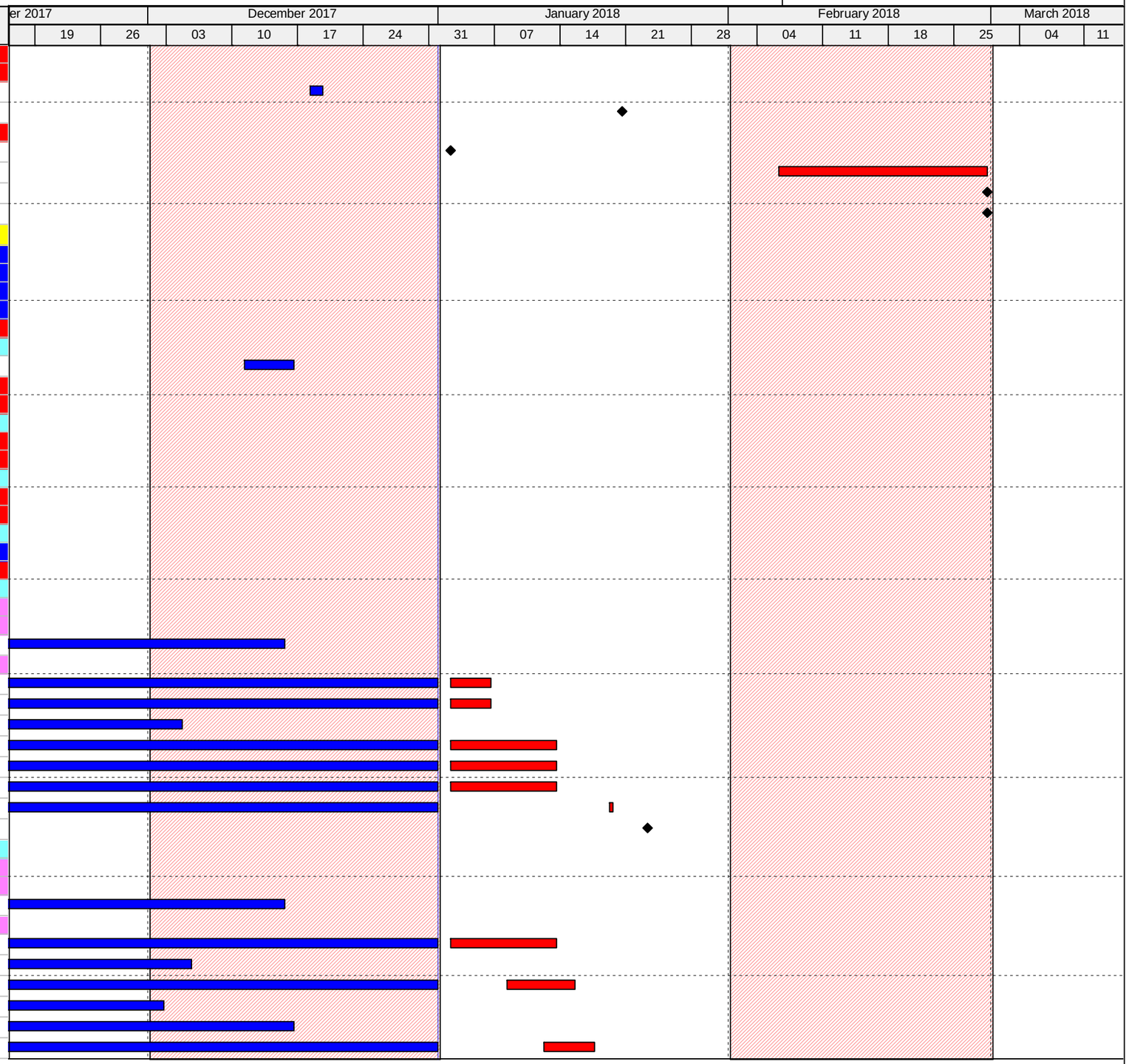
Activity ID	Activity Name
Fire Servives Department (VAC)	
Fire Services Water (FS)	
RAB-FSD-330	022 - FS Inspection Period, FS
RAB-FSD-590	022 - Issuance of FS 172, FS Certificate of Compliance, FS
Engineer (AECOM)	
RAB-22-2220	022 - Submit Building 022 As Built Drawings to Engineer
RAB-22-2230	022 - Engineer Inspection Period
RAB-22-2240	022 - Engineer Issue Occupation Permit
RAB-KD144	KD5 - Projected completion of Section V of the Works (670 days) Building 2:
Building 023 - C&ED Outbound Cargo Examination Building and Examination Platforn	
Excavation	
Raft Foundations - Inspection Platform	
Raft Foundations - Main Building	
Structure	
Ground Floor	
Planters	
RAB-23-6230	023 - Construct South Planter Box and Ramp
Supporting Walls and Columns to +12.85mPD	
First Floor	
Cure and Strip	
Supporting Walls and Columns to +17.1mPD	
Roof	
Cure and Strip	
Supporting Walls and Columns to +19.1mPD	
Lift Doghouse	
Cure and Strip	
ABWF/E&M	
Internal Finishes	
Ground Floor	
Degree 1	
Degree 2	
RAB-23-5610	023 - Frame for Wall Panel & Cladding + Louver, G/F
Degree 3	
RAB-23-5930	023 - Wall Finish - Paint & Tile, G/F
RAB-23-6220	023 - Floor Finish Other Than Carpet, G/F
RAB-23-5760	023 - Ceiling Frame, G/F
RAB-23-6380	023 - MEP Final Fix, G/F
RAB-23-5660	023 - Door Frame/Panel & Ironmongery, G/F
RAB-23-6410	023 - Ceiling Plaster Board, G/F
RAB-23-6180	023 - Floor Carpet Finish, G/F
RAB-23-6190	023 - Access to End Users, KD3C' - C3, C6 & C7
First Floor	
Degree 1	
Degree 2	
RAB-23-8085	023 - Frame for Wall Panel & Cladding + Louver, 1/F
Degree 3	
RAB-23-8175	023 - Wall Finish - Paint & Tile, 1/F
RAB-23-8105	023 - Ceiling Frame, 1/F
RAB-23-8205	023 - Floor Finish Other Than Carpet, 1/F
RAB-23-8145	023 - Glazing, 1/F
RAB-23-8155	023 - Door Panel/Ironmongery & Glass Baluster, 1/F
RAB-23-8185	023 - Ceiling Plaster Board, 1/F



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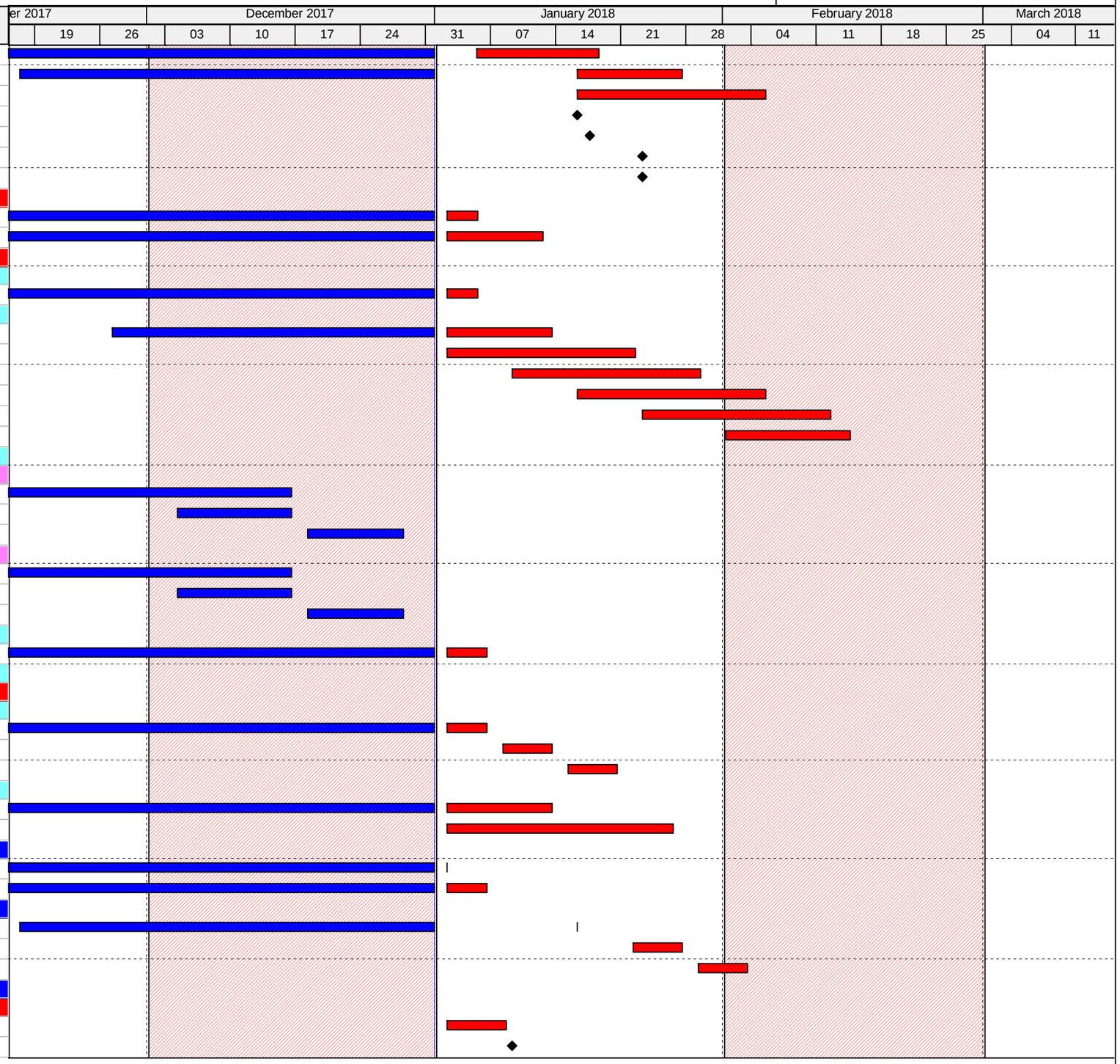
Activity ID	Activity Name
RAB-23-8195	023 - Floor Carpet Finish, 1/F
RAB-23-8265	023 - MEP Balance of Works
RAB-23-2290	023 - Snag Listing & Remedial Works - Building Internal
RAB-23-8225	023 - Handover Rooms Ready to End Users***, KD3C Target to Achieve
RAB-23-5970	023 - ABWF and MEP works to Degree 3 (KD3E)
RAB-23-6040	023 - End Users and MOM Handover Inspection
RAB-23-8255	023 - ABWF and MEP works to Degree 3 - Remaining Area- 1/F
Roof Level Dog House	
RAB-23-6280	023 - ABWF and MEP works to Degree 2 R/F
RAB-23-6340	023 - ABWF and MEP works to Degree 3 R/F
External Finishes	
Facade	
RAB-23-5650	023 - External Painting
At Grade	
RAB-23-5740	023 - Prepare Sub Grade
RAB-23-5820	023 - Laying Geo Textile
RAB-23-5910	023 - Lay Granular Sub-Base
RAB-23-5940	023 - Laying Course
RAB-23-6050	023 - Concrete Block Paving
RAB-23-6160	023 - Make good external surfaces
Curtain Wall	
East	
RAB-23-6810	023 - Install Primary Steelwork for Curtain Wall (Bracket Support) - E
RAB-23-6820	023 - Install Secondary Steelwork for Curtain Wall (Mullion, etc) - E
RAB-23-6830	023 - Glazing to Window Wall - E
West	
RAB-23-6840	023 - Install Primary Steelwork for Window Wall (Bracket Support) - W
RAB-23-6850	023 - Install Secondary Steelwork for Window Wall (Mullion, etc) - W
RAB-23-6860	023 - Glazing to Window Wall - W
Roof Finishes	
RAB-23-5920	023 - Install Railing
Green Roof	
Specialist Installations	
PV Installation	
RAB-23-6360	023 - Cable containment and grid cable wiring
RAB-23-6390	023 - Sub-array junction box installation & Connection
RAB-23-6400	023 - DC cable wiring from PV panel to EL room
Steel Canopy	
RAB-23-6290	023 - Install Metal Cladding Panels
RAB-23-6310	023 - Install Misc Metalworks
Utilities and Drainage	
RAB-23-7975	023 - Construct Permanent Drainage, Manholes & Draw Pits
RAB-23-7985	023 - Utiltites and Common Telecom Ducting
Testing & Commissioning	
RAB-TC23-1000	023 - T&C (HVAC, FS, P&D, OTHERS)
RAB-TC23-1015	023 - PV Self-test with Engineer
RAB-TC23-1020	023 - PV On-Grid inspection with CLP
Statutory Submissions & Approvals (Day 610 Completion)	
BEEO	
RAB-BEE-150	023 - Registered Energy Assessor Inspection & Certification
RAB-BEE-160	023 - Submit REA Certification to EDMS



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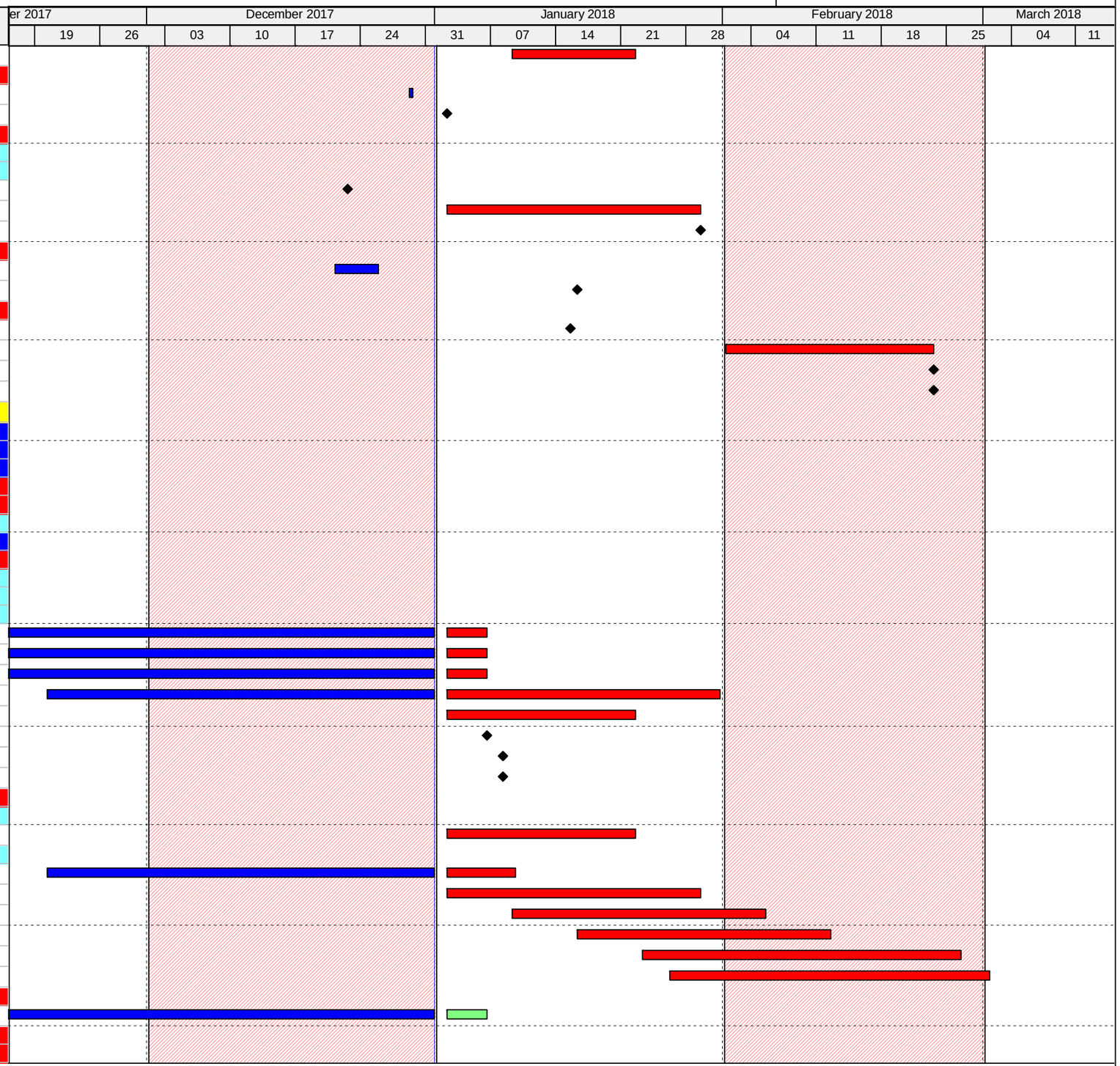
Activity ID	Activity Name
RAB-BEE-170	023 - EDMS Issue of Cert of Compliance Registration (COCR)
EMSD - Building 023 Lift Inspection	
RAB-FSD-190	023 - EMSD Lift Inspection
RAB-FSD-106	023 - EMSD Lift Certificate Issued - Building 023
Water Supplies Department (WSD)	
Commencement	
Completion	
RAB-WSD-774	023 - Submit WWO 46 Pt. IV for Building 023
RAB-WSD-107	023 - WSD Inspection/Meter Connection
RAB-WSD-109	023 - Permanent Water ON/WSD Issue WWO 46 Part V - Water Certificate
Fire Servives Department (VAC)	
RAB-FSD-110	023 - FS Inspection Period For Building 023
RAB-FSD-290	023 - Issuance of FS 172, FS Certificate of Compliance
Engineer (AECOM)	
RAB-23-2250	023 - Submit Building 023 As Built Drawings to Engineer
RAB-23-2260	023 - Engineer Inspection Period
RAB-23-2270	023 - Engineer Issue Occupation Permit
RAB-KD134	KD3 - Projected completion of Section III of the Works (610 days)
Building 025 - Inbound Private Car Annexure	
Excavation	
Raft Foundations	
Structure	
Walls & Columns	
Roof Slab	
Cure and Strip	
ABWF/E&M INTERNAL FINISHES	
INTERNAL FINISHING WORKS	
Degree 1	
Degree 2	
Degree 3	
RAB-25-7620	025 - Ceiling Panel
RAB-25-7580	025 - Floor Painting
RAB-25-7590	025 - Floor Carpet
RAB-25-7550	025 - MEP Balance of Works
RAB-25-7370	025 - Snagging and Remedials
RAB-25-7375	KD6C - Projected achievement of Stage 6C of the Works
RAB-KD6C10	025 - End Users and MoM handover inspection
RAB-25-7630	025 - Early Handover Rooms Ready to End Users***, Target to Achieve KD
External Finishes	
Facade	
RAB-25-0580	025 - Make good external surfaces
At Grade	
RAB-25-6400	025 - Prepare Sub Grade
RAB-25-6390	025 - Laying Geo Textile
RAB-25-6410	025 - Lay Granular Sub-Base
RAB-25-6420	025 - Laying Course
RAB-25-6380	025 - Concrete Block Paving
RAB-25-0600	025 - Snagging and Remedials
Roof Finishes	
RAB-25-0550	025 - Install Railing (222m)
Green Roof	
Specialist Installations	



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Contract No. HY/2014/05 - Remaining Ancillary Building and Facilities

Activity ID	Activity Name
RAB-25-620	025 - Construct Health Department Screening Station x 1
RAB-25-610	025 - Construct Immigration Counters x 3
Glazed Canopy	
RAB-25-0520	025 - Install Glazed Panels
IMMD Kiosk	
RAB-25-0380	025 - Internal ABWF and MEP of IMMD Kiosk
RAB-25-0350	025 - External Finishes to IMMD Kiosk
RAB-25-0430	025 - Erect Kiosk Canopy @ +10.17mPD
Utilities and Drainage	
RAB-25-7250	025 - Construct Permanent Drainage, Manholes & Draw Pits
RAB-25-7270	025 - Install Flushing Water Mains
RAB-25-7280	025 - Install Fresh Water Mains
RAB-25-7290	025 - Install FS Water Main
Testing & Commissioning	
RAB-TC25-1000	025 - T&C (HVAC, FS, P&D, OTHERS)
Statutory Submissions & Approvals (Day 670 Completion)	
BEEO	
RAB-BEE-180	025 - Registered Energy Assessor Inspection & Certification
RAB-BEE-190	025 - Submit REA Certification to EDMS
RAB-BEE-200	025 - EDMS Issue of Cert of Compliance Registration (COCR)
Water Supplies Department (WSD)	
Commencement	
Completion	
RAB-WSD-744	025 - Submit WWO 46 Pt. IV
RAB-WSD-374	025 - WSD Inspection/Meter Connection
RAB-WSD-384	025 - WSD Issue Water Certificate WWO 46 Part V
Fire Servives Department (VAC)	
Fire Service Water (FS)	
RAB-FSD-360	025 - FS Inspection Period, FS
RAB-FSD-894	025 - Issuance of Fform 172, FS Certificate of Compliance
Engineer (AECOM)	
RAB-25-7220	025 - Submit Building 025 As Built Drawings to Engineer
RAB-25-7230	025 - Engineer Inspection Period
Building 032 - Outbound Private Car Annexure	
Excavation	
Raft Foundations	
Structure	
Walls & Columns	
Roof Slab	
Cure and Strip	
ABWF/E&M	
Internal Finishes	
Degree 1	
Degree 2	
RAB-32-0660	032 - Power On
Degree 3	
RAB-32-0830	032 - Wall Painting
RAB-32-0745	032 - Raised Floor
RAB-32-0870	032 - Ceiling Panel
RAB-32-0860	032 - Floor Painting & Remaining Floor Tiling
RAB-32-0590	032 - MEP Final Fix
RAB-32-0800	032 - Door Panel & Ironmongery

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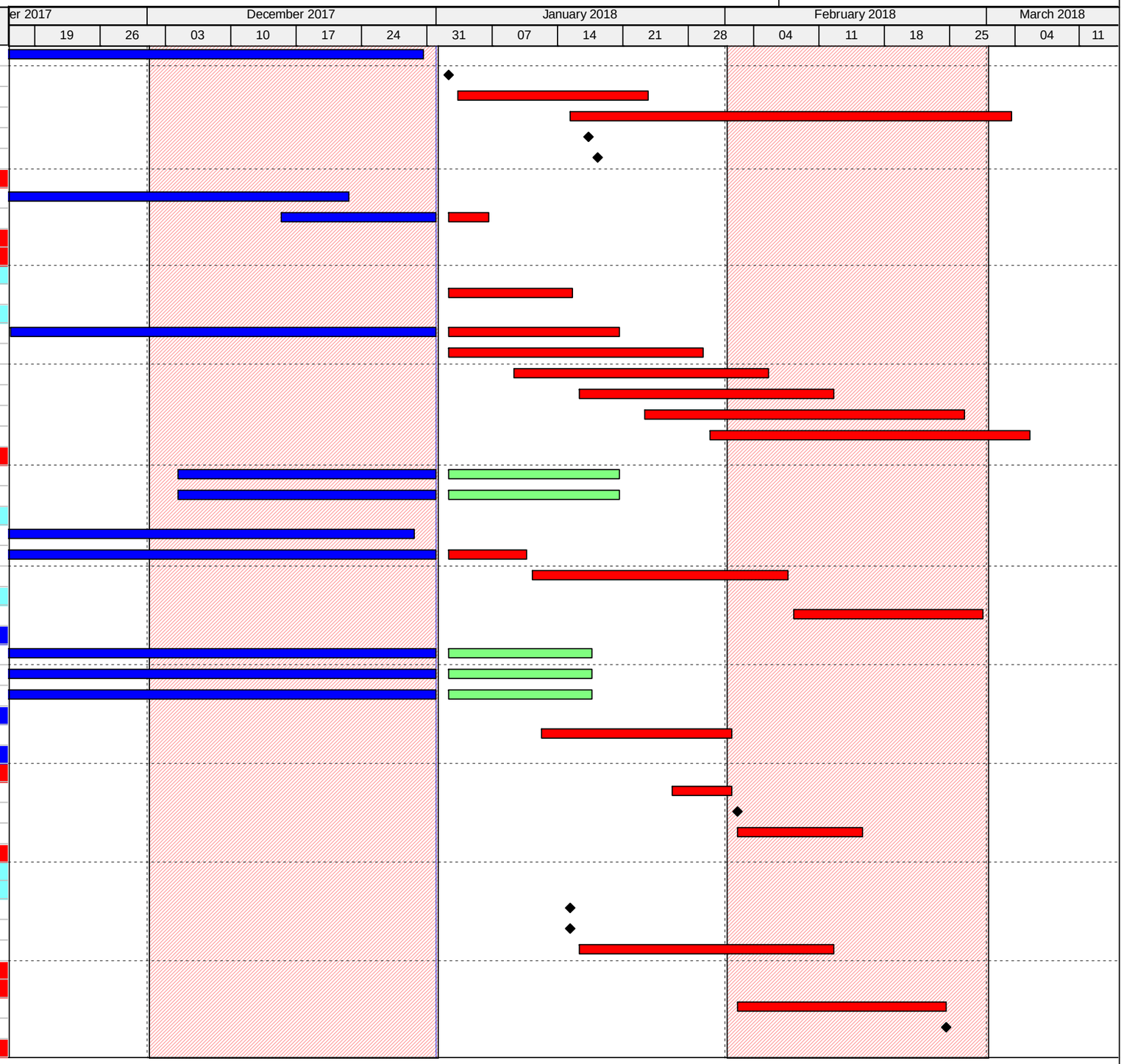
Contract No. HY/2014/05 - Remaining Ancillary Building and Facilities

Activity ID	Activity Name
RAB-32-0790	032 - Glazing
RAB-32-0850	032 - Early Handover Rooms Ready to End Users***
RAB-32-0680	32 - Snagging and Remedials
RAB-32-0740	032 - MEP Balance of Work
RAB-32-0670	032 - End Users and MoM handover inspection
RAB-KD7C10	KD7C - Projected achievement of Stage 7C of the Works
Roof Finishes	
RAB-32-0540	032 - Install Cat Ladders and Roof Hatch
RAB-32-0550	032 - Install Railing
Green Roof	
External Finishes	
Facade	
RAB-32-0580	032 - Make good external surfaces
At Grade	
RAB-32-6460	032 - Prepare Sub Grade
RAB-32-6450	032 - Laying Geo Textile
RAB-32-6470	032 - Lay Granular Sub-Base
RAB-32-6480	032 - Laying Course
RAB-32-6440	032 - Concrete Block Paving
RAB-32-0600	032 - Snagging and Remedials (KD7)
Specialist Installations	
RAB-32-630	032 - Construct Immigration Counters x 3
RAB-32-640	032 - Construct Health Department Screening Station X 1
IMMD Kiosk	
RAB-32-0380	032 - Internal ABWF and MEP of IMMD Kiosk
RAB-32-0350	032 - External Finishes to IMMD Kiosk
RAB-32-0430	032 - Erect Kiosk Canopy @ +10.17mPD
Glazed Canopy	
RAB-32-0520	032 - Install Glazed Panels
Utilities and Drainage	
RAB-32-7310	032 - Install Flushing Water Mains
RAB-32-7320	032 - Install Fresh Water Mains
RAB-32-7330	032 - Install FS Water Main
Testing & Commissioning	
RAB-TC32-1000	032 - T&C (HVAC, FS, P&D, OTHERS)
Statutory Submissions & Approvals (Day 670 Completion)	
BEEO	
RAB-BEE-210	032 - Registered Energy Assessor Inspection & Certification
RAB-BEE-220	032 - Submit REA Certification to EDMS
RAB-BEE-230	032 - EDMS Issue of Cert of Compliance Registration (COCR)
Water Supplies Department (WSD)	
Commencement	
Completion	
RAB-WSD-714	032 - Submit WWO 46 Pt. IV
RAB-WSD-354	032 - WSD Issue WWO 46 Part V - Completion Cert of Plumbing & Water (
RAB-WSD-344	032 - WSD Inspection/Meter Connection
Fire Servives Department (HVAC)	
Fire Water Service (FS)	
RAB-FSD-390	032 - FS Inspection Period, FS
RAB-FSD-400	032 - Issuance of Form 172, FS Cert. of Compliance.
Engineer (AECOM)	



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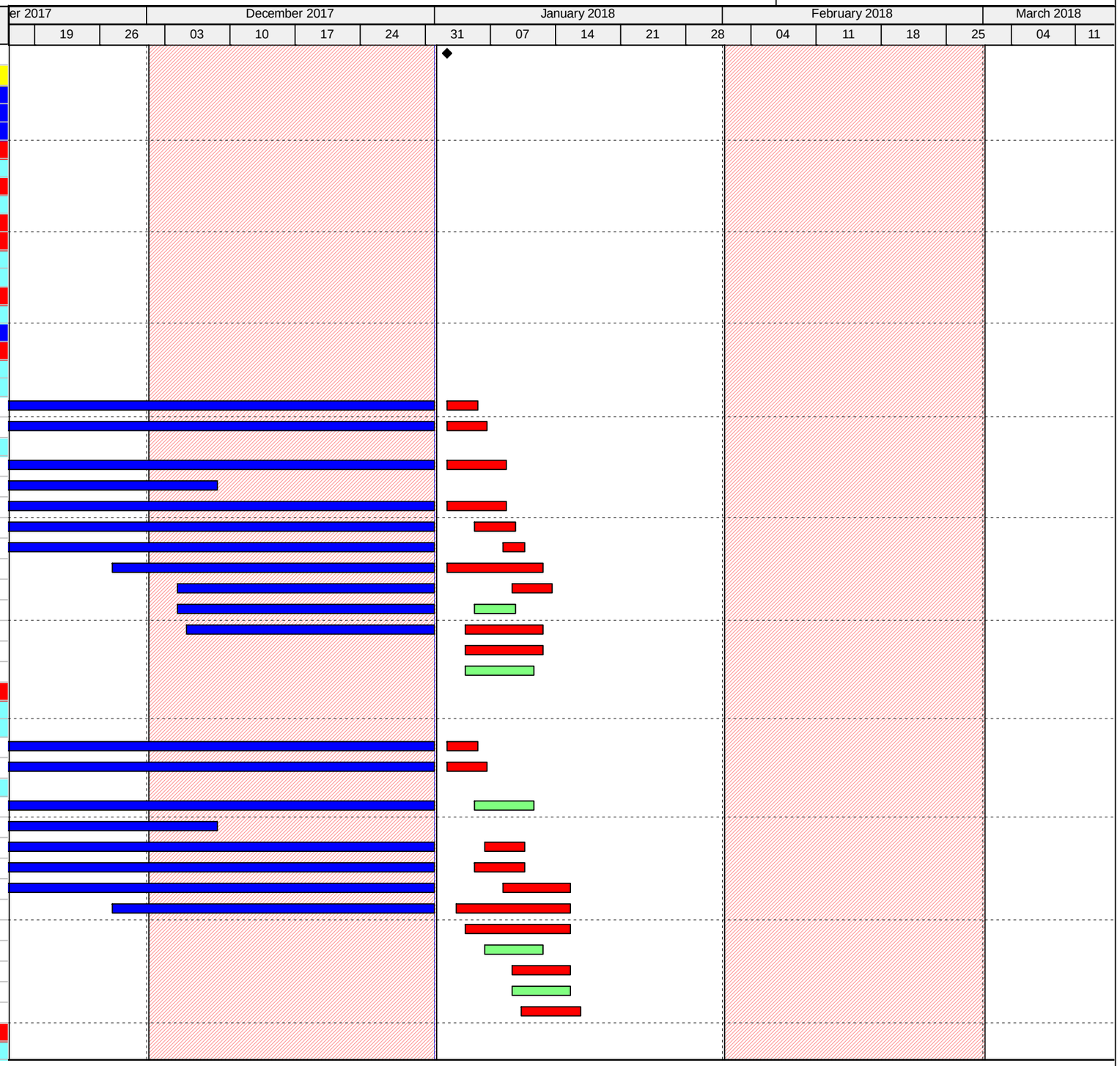
Activity ID	Activity Name
RAB-32-7250	032 - Submit Building 032 As Built Drawings to Engineer
Building 044 - E&M Maintenance Building	
Excavation	
Raft	
Structure	
Walls & Columns	
Ground to First Floor	
First Floor	
Cure and Strip	
First Floor to Second Floor	
Second Floor	
Cure and Strip	
Second Floor to Roof	
Roof Level	
Cure and Strip	
ABWF/E&M	
Ground Floor	
Degree 1	
Degree 2	
RAB-44-9175	044 - MEP 2nd Fix - G/F
RAB-44-0760	044 - Door & Windor Frame + Louver - G/F
Degree 3	
RAB-44-9285	044 - Wall Finish, Paint & Tile - G/F
RAB-44-9255	044 - Ceiling Paint - G/F
RAB-44-9185	044 - MEP Final Fix - G/F
RAB-44-9265	044 - Floor Tilie Finish - G/F
RAB-44-9235	044 - Ceiling Panel Frame - G/F
RAB-44-9275	044 - Glazing - G/F
RAB-44-9345	044 - Ceiling Panel - G/F
RAB-44-9245	044 - Ceiling Plaster Board Frame
RAB-44-9295	044 - Door Panel & Ironmongery - G/F
RAB-44-9355	044 - Floor Paint Finish - G/F
RAB-44-9395	044 - Ceiling Plaster Board
First Floor	
Degree 1	
Degree 2	
RAB-44-9365	044 - MEP 2nd Fix - 1/F
RAB-44-9455	044 - Door & Windor Frame + Louver - 1/F
Degree 3	
RAB-44-9555	044 - Wall Finish, Paint & Tile - 1/F
RAB-44-9465	044 - Ceiling Paint Finish - 1/F
RAB-44-9565	044 - Floor Tile Finish - 1/F
RAB-44-9375	044 - MEP Final Fix - 1/F
RAB-44-9385	044 - Ceiling Panel Frame - 1/F
RAB-44-9485	044 - Glazing - 1/F
RAB-44-9505	044 - Door Panel & Ironmongery - 1/F
RAB-44-9695	044 - Ceiling Plaster Board Frame
RAB-44-9495	044 - Ceiling Panel - 1/F
RAB-44-9705	044 - Ceiling Plaster Board
RAB-44-9475	044 - Floor Paint Finish - 1/F
Second Floor	
Degree 1	



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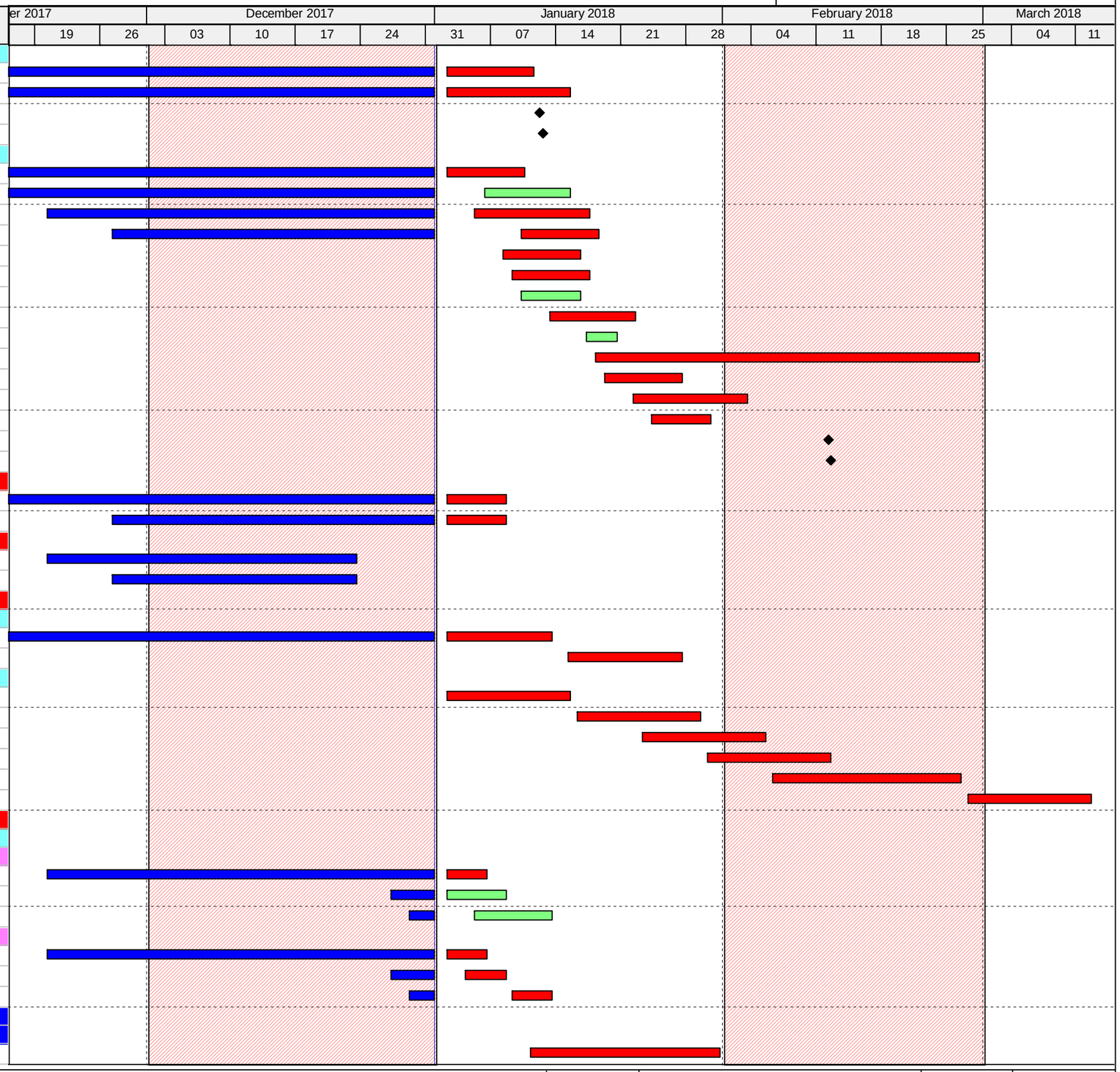
Contract No. HY/2014/05 - Remaining Ancillary Building and Facilities

Activity ID	Activity Name
Degree 2	
RAB-44-9575	044 - MEP 2nd Fix - 2/F
RAB-44-9665	044 - Door & Windor Frame + Louver - 2/F
RAB-44-9605	044 - Power On - 2/F
RAB-44-0610	KD8B - Projected achievement of Stage 8B of the Works - 2/F
Degree 3	
RAB-44-9635	044 - Ceiling Paint Finish - 2/F
RAB-44-9595	044 - Wall Finish, Paint & Tile - 2/F
RAB-44-9585	044 - MEP Final Fix - 2/F
RAB-44-9675	044 - Glazing - 2/F
RAB-44-9685	044 - Floor Tile Finish & Floor Finish to Early handover Rooms - 2/F
RAB-44-9715	044 - Door Panel & Ironmongery - 2/F
RAB-44-9725	044 - Ceiling Plaster Board Frame - 2/F
RAB-44-9645	044 - Ceiling Panel Frame - 2/F
RAB-44-9735	044 - Ceiling Plaster Board
RAB-44-9795	044 - MEP Balance of Works
RAB-44-9745	044 - Ceiling Panel - 2/F
RAB-44-9625	044 - Snagging and Remedials
RAB-44-9655	044 - Floor Finish Other Than Early Handover at 1/F
RAB-44-9615	044 - End Users and MoM handover inspection
RAB-KD8C20	KD8C - Projected achievement of Stage 8C of the Works, 044
Roof Finishes	
RAB-44-0550	044 - Install Cat Ladder and Roof Hatch
RAB-44-0540	044 - Install Railing
Green Roof	
RAB-44-0400	044 - Install Green Roof Irrigation Systems
RAB-44-0500	044 - Complete Green Roofing Works
External Finishes	
Facade	
RAB-44-0430	044 - Install External Louvers /Windows/Doors
RAB-44-0590	044 - Make good external surfaces
At Grade	
RAB-44-6520	044 - Prepare Sub Grade
RAB-44-6510	044 - Laying Geo Textile
RAB-44-6530	044 - Lay Granular Sub-Base
RAB-44-6540	044 - Laying Course
RAB-44-6500	044 - Concrete Block Paving
RAB-44-0630	044 - Snagging and Remedials
Specialist Installations	
Curtain Wall	
East	
RAB-44-6880	044 - Install Primary Steelwork for Window Wall - East
RAB-44-6890	044 - Install Secondary Steelwork for Window Wall - East
RAB-44-6900	044 - Glazing to Window Wall - East
West	
RAB-44-6920	044 - Install Primary Steelwork for Window Wall - West
RAB-44-6930	044 - Install Secondary Steelwork for Window Wall - West
RAB-44-6940	044 - Glazing to Window Wall - West
Utilities and Drainage	
Testing & Commissioning	
RAB-TC44-1000	044 - T&C (HVAC, FS, P&D, OTHERS)



Remaining Level of Effort
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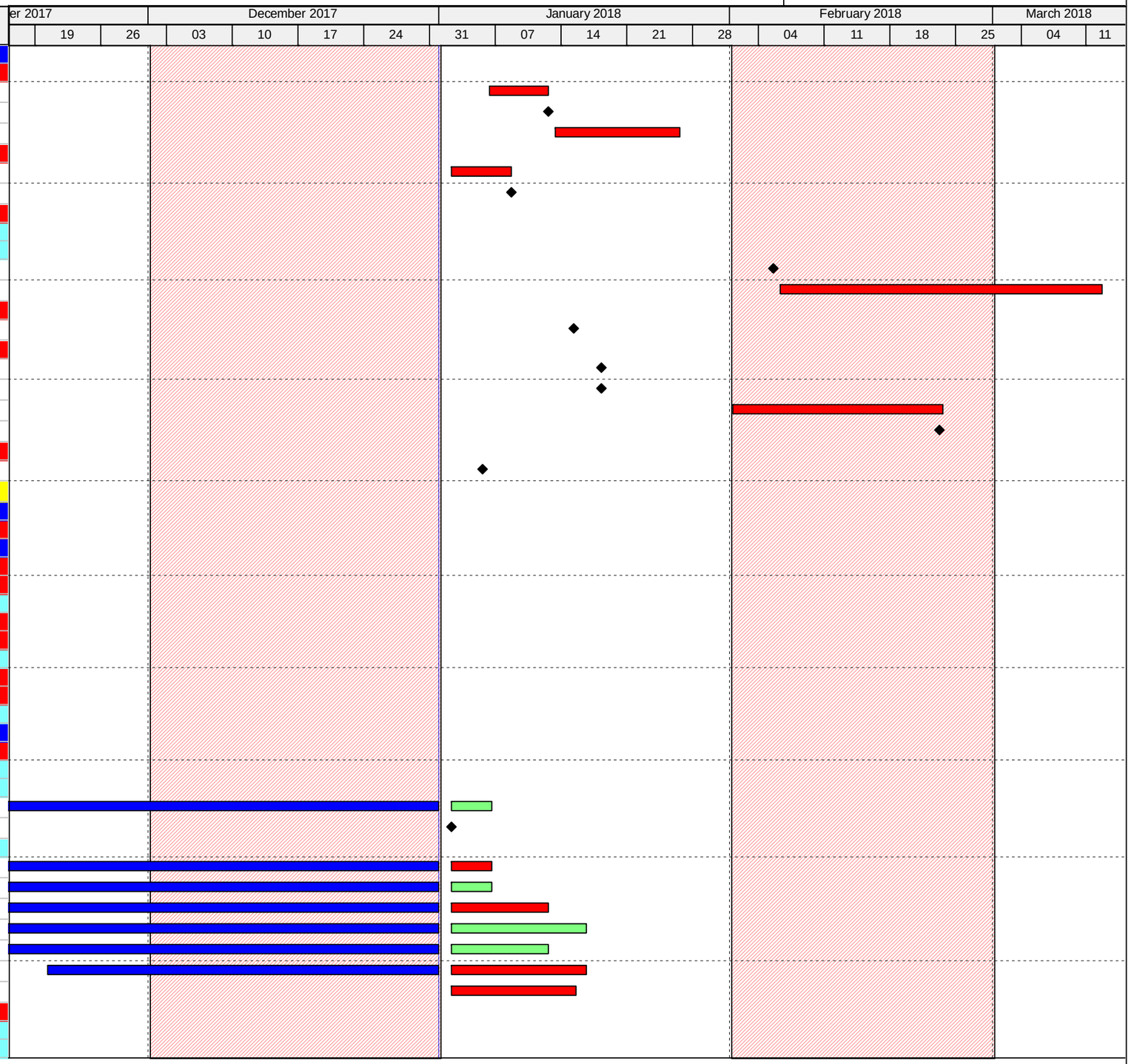
Finish Constraint

3-Month Rolling Programme Update, 01 Jan. 2018

Date	Revision	Checked	Approved
01-Jan-18	3-Month Rolling Programme, 01 Jan-18 Update		

Contract No. HY/2014/05 - Remaining Ancillary Building and Facilities

Activity ID	Activity Name
Statutory Submissions & Approvals	
BEEO	
RAB-BEE-240	044 - Registered Energy Assessor Inspection & Certification
RAB-BEE-250	044 - Submit REA Certification to EDMS
RAB-BEE-260	044 - EDMS Issue of Cert of Compliance Registration (COCR)
EMSD - Building 044 Lift Inspection	
RAB-FSD-220	044 - EMSD Lift Inspection
RAB-FSD-114	044 - EMSD Lift Certificate Issued - Building 044
Water Supplies Department (WSD)	
Commencement	
Completion	
RAB-WSD-684	044 - Submit WWO 46 Pt. IV
RAB-WSD-314	044 WSD Inspection/Meter Connection
Fire Servives Department (HVAC)	
RAB-FSD-1040	044 - Submit Form 501 to FSD, HVAC
Fire Water Services (FS)	
RAB-FSD-128	044 - Submit Form 501, FS
RAB-FSD-126	044 - Submit Form 314 to FSD, FS
RAB-FSD-118	044 FS Inspection Period , FS
RAB-FSD-148	044 - Issuance of Form 172
Engineer (AECOM)	
RAB-44-7280	044 - Submit Building 044 As Built Drawings to Engineer
Building 045 - Highways Depot & Administration Building	
Raft Foundation	
Diesel Fuel Chamber	
Structure G/F to R/F	
G/F to 1/F Walls & Columns	
1/F Slab	
Cure and Strip	
1/F to 2/F Walls & Columns	
2/F Slab	
Cure and Strip	
2/f to R/F Walls & Columns	
Roof Level Slab	
Cure and Strip	
ABWF/E&M	
Ground Floor, South - G/F	
Degree 1, G/F	
Degree 2, G/F	
RAB-45-9895	045 - Door & Windor Frame + Louver - G/F
RAB-45-9905	045 - Access for C3 to Install Equipment
Degree 3, G/F	
RAB-45-9935	045 - Wall Finish, Paint & Tile - G/F
RAB-45-9915	045 - Floor Finish (Paint & Tile) - G/F
RAB-45-10035	045 - Ceiling Plaster Board Frame & Ceiling Panel Frame - G/F
RAB-45-9815	045 - MEP Final Fix - G/F
RAB-45-9925	045 - Glazing - G/F
RAB-45-9945	045 - Door Panel & Ironmongery - G/F
RAB-45-10055	045 - Ceiling Plaster Board & Ceiling Panel- G/F
First Floor, 1/F	
Degree 1, 1/F	
Degree 2, 1/F	



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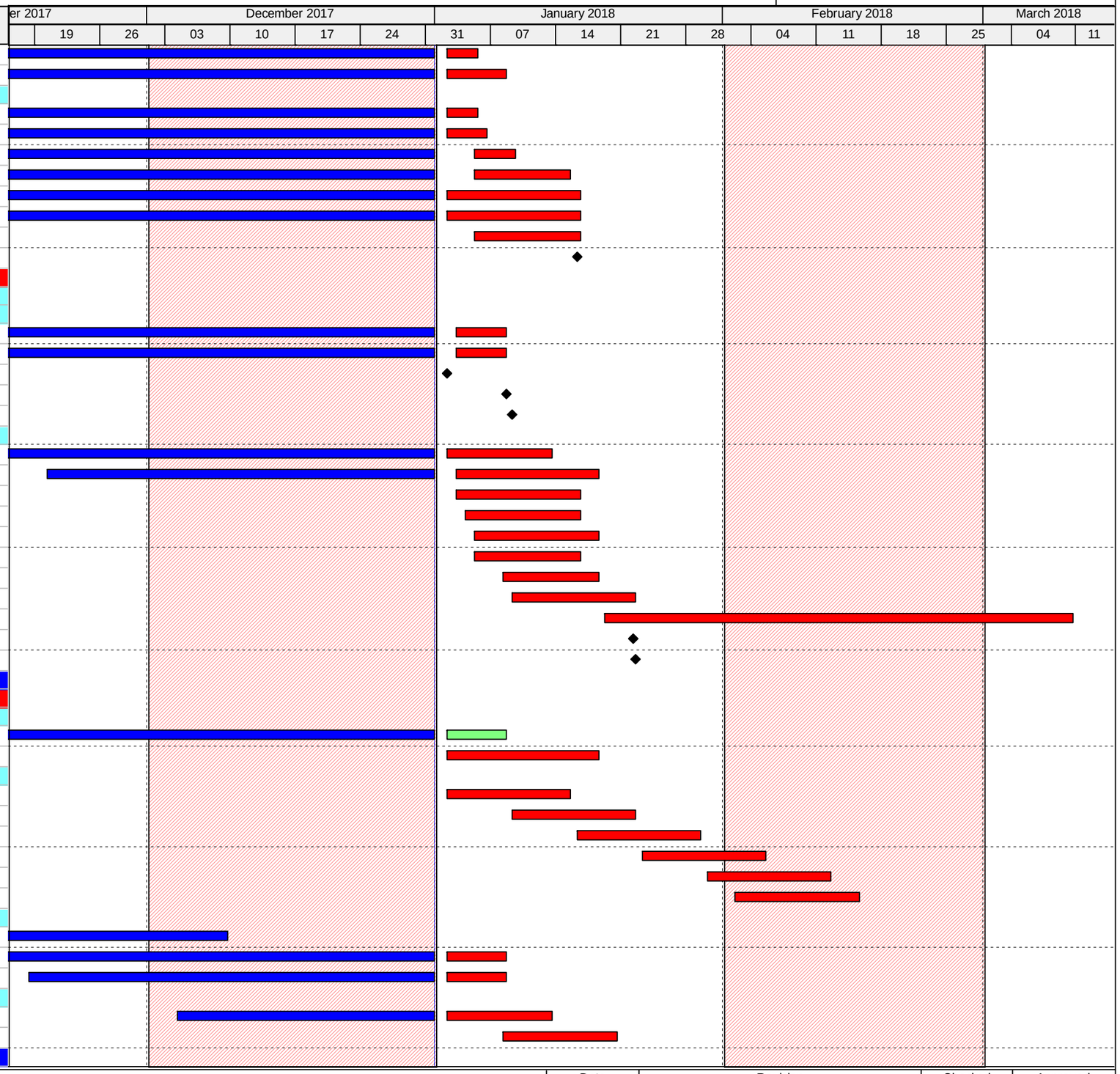
Contract No. HY/2014/05 - Remaining Ancillary Building and Facilities

Activity ID	Activity Name
RAB-45-10015	045 - MEP 2nd Fix - 1/F
RAB-45-10105	045 - Door & Windor Frame + Louver - 1/F
Degree 3, 1/F	
RAB-45-10145	045 - Wall Finish, Paint & Tile - 1/F
RAB-45-10125	045 - Floor Finish (Paint & Tile) - 1/F
RAB-45-10205	045 - Ceiling Plaster Board Frame Ceiling Panel Frame- 1/F
RAB-45-10025	045 - MEP Final Fix - 1/F
RAB-45-10155	045 - Door Panel & Ironmongery - 1/F
RAB-45-10285	045 - Glazing - 1/F
RAB-45-10245	045 - Ceiling Plaster Board & Ceiling Panel - 1/F
RAB-45-10275	045 - Handover to End users***
Second Floor, 2/F	
Degree 1, 2/F	
Degree 2, 2/F	
RAB-45-10225	045 - MEP 2nd Fix - 2/F
RAB-45-10315	045 - Door & Windor Frame + Louver - 2/F
RAB-45-10295	045 - Access for C3 Equip. Installation, 2/F***
RAB-45-0950	KD8B - Projected achievement of Stage 8B of the Works - 2/F, 045
RAB-45-10255	045 - Power On - 2/F
Degree 3, 2/F	
RAB-45-10355	045 - Wall Finish, Paint & Tile - 2/F
RAB-45-10235	045 - MEP Final Fix - 2/F
RAB-45-10345	045 - Glazing - 2/F
RAB-45-10335	045 - Floor Finish (Paint & Tile) - 2/F
RAB-45-10365	045 - Door Panel & Ironmongery - 2/F
RAB-45-10375	045 - Ceiling Plaster Board Frame & Ceiling Panel Frame - 2/F
RAB-45-10385	045 - Ceiling Plaster Board & Ceiling Panel - 2/F
RAB-45-0980	045 - Snagging and Remedials - 2/F
RAB-45-10305	045 - MEP Balance of Works
RAB-45-10265	045 - End Users and MoM handover inspection
RAB-45-0970	KD8C - Projected achievement of Stage 8C of the Works - 2/F, 045
External Finishes	
Bldg. External Finishes	
Facade	
RAB-45-0620	045 - Install External Louvers /Windows/Doors
RAB-45-0760	045 - Make good external surfaces
At Grade	
RAB-45-6580	045 - Prepare Sub Grade
RAB-45-6570	045 - Laying Geo Textile
RAB-45-6590	045 - Lay Granular Sub-Base
RAB-45-6600	045 - Laying Course
RAB-45-6560	045 - Concrete Block Paving
RAB-45-6620	045 - Snag Listing, External
Roof Finishes -	
RAB-45-0910	045 - Install Roof Tiles
RAB-45-0930	045 - Install Cat Ladder and Roof Hatch
RAB-45-0920	045 - Install Railing
Green Roof - Noth Side, 2/F Level	
RAB-45-0680	045 - Install green Roof Irrigation Systems
RAB-45-0740	045 - Complete Green Roofing Works
Specialist Installations	



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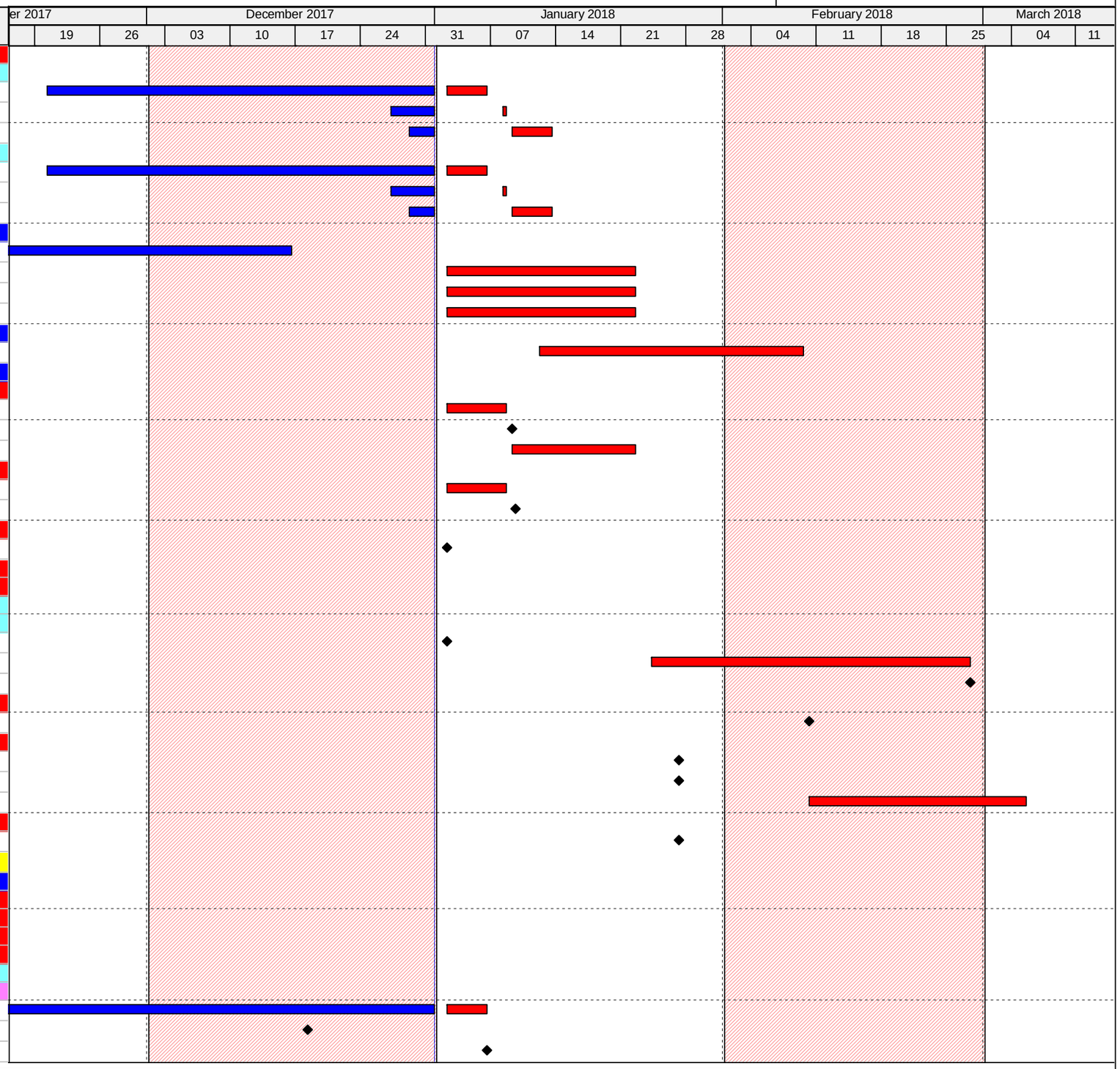
Contract No. HY/2014/05 - Remaining Ancillary Building and Facilities

Activity ID	Activity Name
Window Wall	
East	
RAB-45-6960	045 - Install Primary Steelwork for Window Wall
RAB-45-6970	045 - Install Secondary Steelwork for Window Wall
RAB-45-6980	045 - Glazing to Window Wall
West	
RAB-45-6990	045 - Install Primary Steelwork for Window Wall
RAB-45-7000	045 - Install Secondary Steelwork for Window Wall
RAB-45-7010	045 - Glazing to Window Wall
Utilities and Drainage	
RAB-45-7945	045 - Utiltites and Common Telecom Ducting
RAB-45-7955	045 - Install Flushing Water Mains
RAB-45-7965	045 - Install Fresh Water Mains
RAB-45-7975	045 - Install FS Water Main
Testing & Commissioning	
RAB-TC45-1020	045 - T&C (HVAC, FS, P&D, OTHERS)
Statutory Submissions & Approvals (Day 670 Completion)	
BEEO	
RAB-BEE-270	045 - Registered Energy Assessor Inspection & Certification
RAB-BEE-280	045 - Submit REA Certification to EDMS
RAB-BEE-290	045 - EDMS Issue of Cert of Compliance Registration (COCR)
EMSD - Building 045 Lift Inspection	
RAB-FSD-250	045 - EMSD Lift Inspection
RAB-FSD-130	045 - EMSD Lift Certificate Issued - Building 045
Fuel Tank - DG License	
RAB-FSD-680	045 - FSD Issue License
Generator Set - EPD Permit	
Water Supplies Department (WSD)	
Commencement	
Completion	
RAB-WSD-654	045 - Submit WWO 46 Pt. IV
RAB-WSD-284	045 - WSD's Processing/Inspection/Meter Connection
RAB-WSD-294	045 - WSD Issue WWO 046 Part V, Plumbing Instl'n Cert & Connect Water
HVAC	
RAB-FSD-1000	045 - Submit Form 501
FSD	
RAB-FSD-630	045 - Submit Form 501 - FS
RAB-FSD-830	045 - Submit Form 314 - FS
RAB-FSD-450	045 - FS Inspection Period - FS
Engineer (AECOM)	
RAB-45-7310	045 - Submit Building 045 As Built Drawings to Engineer
Building 050 - Public Toilets Type 2	
Public Toilet (Portion H1)	
Excavation	
Raft	
Structure	
ABWF/E&M	
Internal Finishes	
Degree 1	
RAB-50-1170	050 H1 - MEP 1st Fix
RAB-KD9A40	050 H1 - Access for C3 Cabling Works
RAB-KD9A10	KD9A - Projected achievement of Stage 9A of the Works



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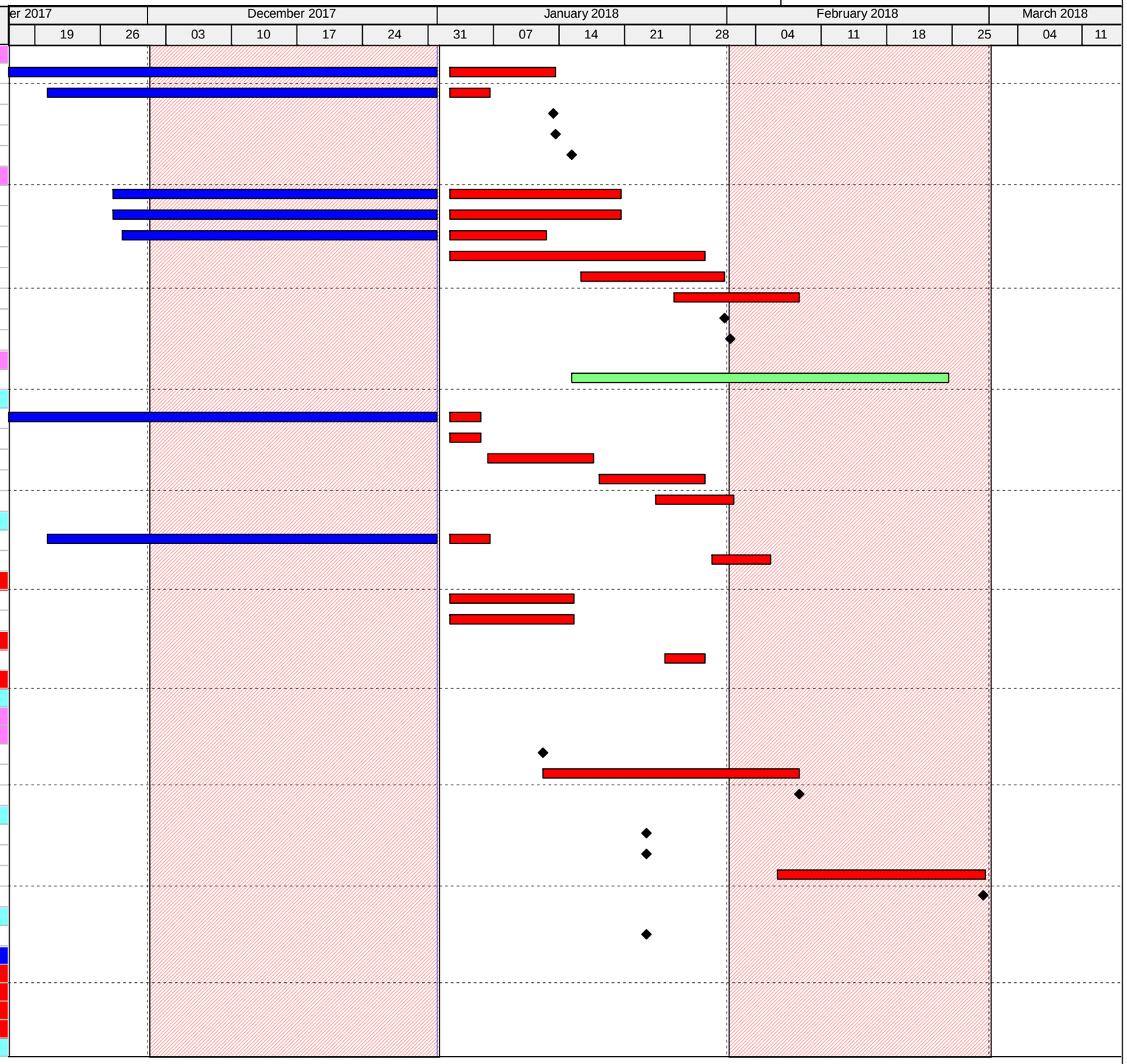
Contract No. HY/2014/05 - Remaining Ancillary Building and Facilities

Activity ID	Activity Name
Degree 2	
RAB-50-1270	050 H1 - MEP 2nd Fix
RAB-50-1360	050 H1 - Louver / Door Frame
RAB-50-1380	050 H1 - Access for C3 Equip. Installation
RAB-KD9B10	KD9B - Projected achievement of Stage 9B of the Works
RAB-50-1300	050 H1 - Power On
Degree 3	
RAB-50-1370	050 H1 - Floor Finish
RAB-50-1390	050 H1 - Door panel & Ironmongery
RAB-50-1350	050 H1 - Wall Finish
RAB-50-1310	050 H1 - Ceiling Frame & Ceiling Board
RAB-50-1280	050 H1 - MEP Final Fix
RAB-50-1290	050 H1 - Snagging and Remedials
RAB-KD9C10	KD9C - Projected achievement of Stage 9C of the Works
RAB-50-7460	050 H1 - End Users and MoM handover inspection
Specialist installation	
RAB-50-1240	050 H1 - Installation of Sanitaryware and Fixtures
Roof Finishes	
RAB-50-1210	050 H1 - Install Cat Ladder and Roof Access Hatch
RAB-50-1200	050 H1 - Install Railing - 49m
RAB-50-4470	050 H1 - Installation of Aluminium Canopy
RAB-50-4320	050 H1 - Install Aluminium Cladding
RAB-50-1100	050 H1 - Install Skylights (8No)
External Finishes	
RAB-50-1120	050 H1 - Install External Louvers /Windows/Doors
RAB-50-1260	050 H1 - Make good external surfaces
Utilities and Drainage	
RAB-50-8035	050 H1 - Install Flushing Water Mains
RAB-50-8045	050 H1 - Install Fresh Water Mains
Testing & Commissioning	
RAB-TC50-1000	050 H1 - T&C (HVAC, FS, P&D, OTHERS)
Statutory Submissions & Approvals (Day 670 Completion)	
Water Supplies Department (WSD)	
Commencement	
Completion	
RAB-WSD-454	050 H1 - Submit WWO 46 Pt. IV
RAB-WSD-464	050 H1 - WSD Inspection/Meter Connection for Building 050
RAB-WSD-474	050 H1 - WSD Issue WWO 046 Part V, Cert Plumbing Instl'n Compl & Conı
Fire Servives Department (VAC)	
RAB-FSD-1080	050 H1 - Submit Form 314
RAB-FSD-1090	050 H1 - Submit Form 501
RAB-FSD-1130	050 H1 - FS Inspection
RAB-FSD-1100	050 H1 - Issuance of Form 172
Engineer (AECOM)	
RAB-50-7340	050 H1 - Submit Building 050 H1 As Built Drawings to Engineer
Public Toilet (Portion H2)	
Excavation	
Raft	
Structure	
ABWF/E&M	
Internal Finishes	



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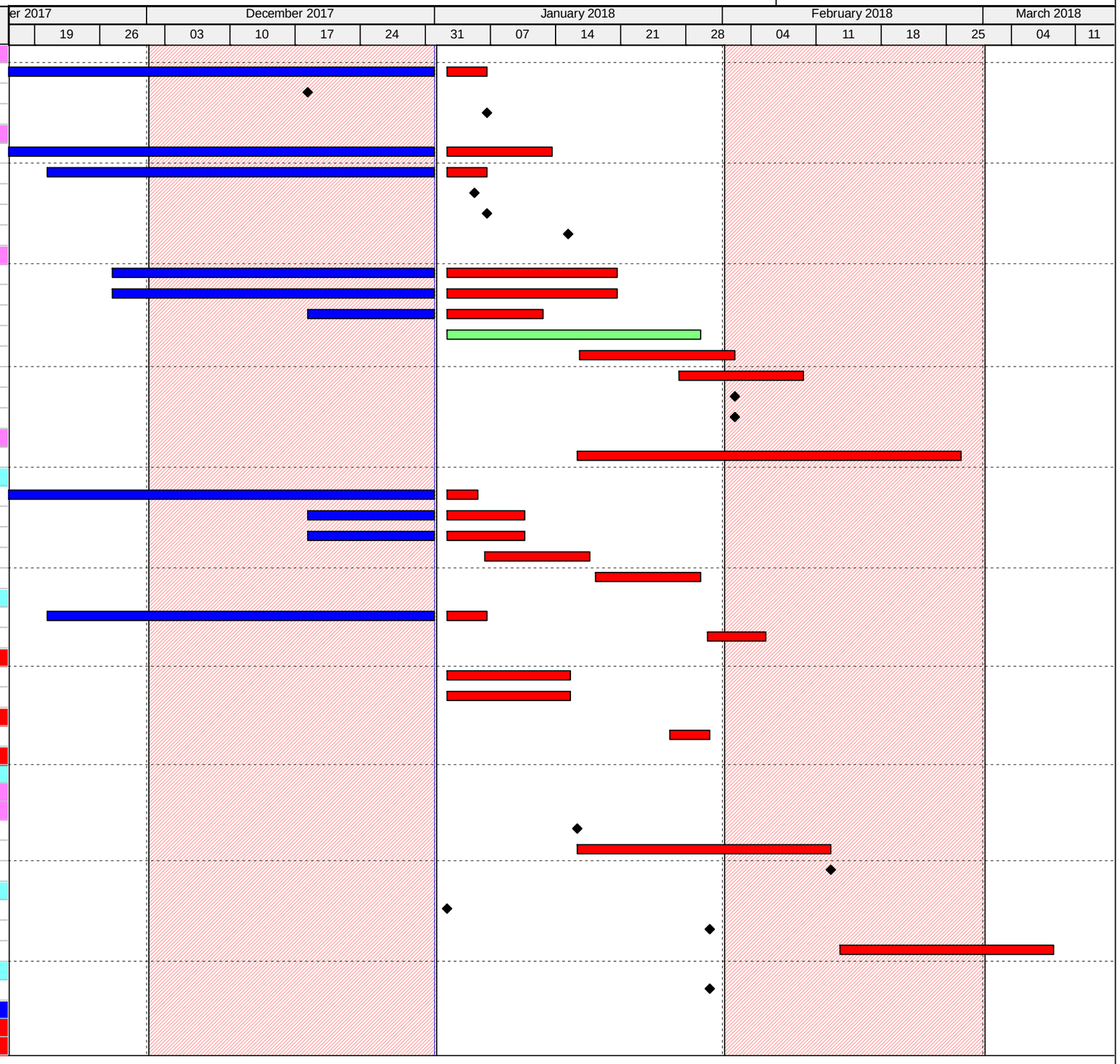
Contract No. HY/2014/05 - Remaining Ancillary Building and Facilities

Activity ID	Activity Name
Degree 1	
RAB-50-2170	050 H2 - MEP 1st Fix
RAB-50-2390	050 H2 - Access for C3 Cabling Works
RAB-KD10A10	050 H2 - Projected achievement of Stage 10A of the Works
Degree 2	
RAB-50-2270	050 H2 - MEP 2nd Fix
RAB-50-2360	050 H2 - Louver / Door Frame
RAB-KD10B40	050 H2 - Access for C3 Equip. Installation
RAB-KD10B10	050 H2 - Projected achievement of Stage 10B of the Works
RAB-50-2300	050 H2 - Power On
Degree 3	
RAB-50-2370	050 H2 - Floor Finish
RAB-50-2380	050 H2 - Door panel & Ironmongery
RAB-50-2350	050 H2 - Wall Finish
RAB-50-2340	050 H2 - Ceiling Frame & Ceiling Board
RAB-50-2280	050 H2 - MEP Final Fix
RAB-50-2290	050 H2 - Snagging and Remedials
RAB-KD10C10	050 H2 - Projected achievement of Stage 10C of the Works
RAB-50-7470	050 H2 - End Users and MoM handover inspection
Specialist installation	
RAB-50-2240	050 H2 - Installation of Sanitaryware and Fixtures
Roof Finishes	
RAB-50-2210	050 H2 - Install Cat Ladder and Roof Access Hatch
RAB-50-2100	050 H2 - Install Skylights (8No)
RAB-50-2200	050 H2 - Install Railing - 49m
RAB-50-2230	050 H2 - Installation of Aluminium Canopy
RAB-50-4360	050 H2 - Install Aluminium Cladding
External Finishes	
RAB-50-2120	050 H2 - Install External Louvers /Windows/Doors
RAB-50-2260	050 H2 - Make good external surfaces
Utilities and Drainage	
RAB-50-7915	050 H2 - Install Flushing Water Mains
RAB-50-7925	050 H2 - Install Fresh Water Mains
Testing & Commissioning	
RAB-TC50-1010	050 H2 - T&C (HVAC, FS, P&D, OTHERS)
Statutory Submissions & Approvals (Day 670 Completion)	
Water Supplies Department (WSD)	
Commencement	
Completion	
RAB-WSD-594	050 H2 - Submit WWO 46 Pt. IV
RAB-WSD-434	050 H2 - WSD Inspection/Meter Connection for Building 050
RAB-WSD-444	050 H2 - SD Issue WWO 046 Part V, Cert Plumbing Instl'n Compl & Conne
Fire Servives Department (VAC)	
RAB-FSD-1110	050 H2 - Submit Form 314
RAB-FSD-1120	050 H2 - Submit Form 501
RAB-FSD-1160	050 H2 - FS Inspection
Engineer (AECOM)	
RAB-50-7370	050 H2 - Submit Building 050 H1 As Built Drawings to Engineer
Public Toilet (Portion A1)	
Excavation	
Raft	



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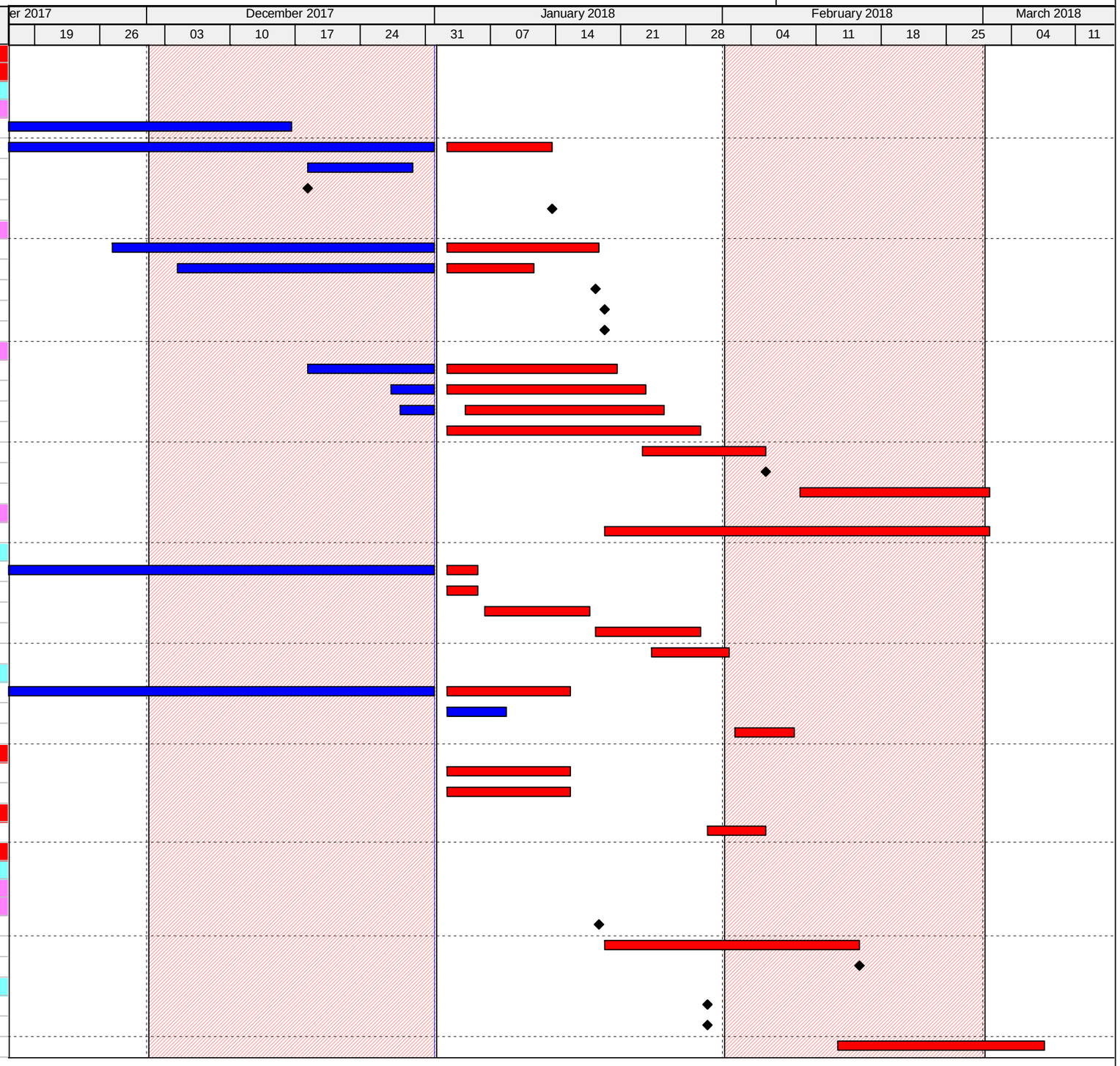
Contract No. HY/2014/05 - Remaining Ancillary Building and Facilities

Activity ID	Activity Name
Structure	
ABWF/E&M	
Internal Finishes	
Degree 1	
RAB-50-3310	050 A1 - Plastering/Rendering & Undercoat
RAB-50-3170	050 A1 - MEP 1st Fix
RAB-50-3320	050 A1 - Screeding
RAB-50-3330	050 A1 - Access for C3 for Cabling Works
RAB-KD11A10	KD11A - Projected achievement of Stage 11A of the Works
Degree 2	
RAB-50-3270	050 A1 - MEP 2nd Fix
RAB-50-3360	050 A1 - Louver / Door Frame
RAB-50-3390	050 A1 - Access for C3 for Equip. Installation
RAB-KD11B10	KD11B - Projected achievement of Stage 11B of the Works
RAB-50-3300	050 A1 - Power On
Degree 3	
RAB-50-3350	050 A1 - Wall Finish
RAB-50-3370	050 A1 - Floor Finish
RAB-50-3380	050 A1 - Door panel & Ironmongery
RAB-50-3340	050 A1 - Ceiling Frame
RAB-50-3280	050 A1 - MEP Final Fix
RAB-KD11C10	KD11C - Projected achievement of Stage 11C of the Works
RAB-50-3290	050 A1 - Snagging and Remedials
Specialist installation	
RAB-50-3240	050 A1 - Installation of Sanitaryware and Fixtures
Roof Finishes	
RAB-50-3210	050 A1 - Install Cat Ladder and Roof Access Hatch
RAB-50-3200	050 A1 - Install Railing - 49m
RAB-50-3230	050 A1 - Installation of Aluminium Canopy
RAB-50-4370	050 A1 - Install Aluminium Cladding
RAB-50-3100	050 A1 - Install Skylights (8No)
External Finishes	
RAB-50-3120	050 A1 - IInstall External Louvers /Windows/Doors
RAB-50-3190	050 A1 - External Tiling
RAB-50-3260	050 A1 - Make good external surfaces
Utilities and Drainage	
RAB-50-7955	050 A1 - Install Flushing Water Mains
RAB-50-7965	050 A1 - Install Fresh Water Mains
Testing & Commissioning	
RAB-TC50-1020	050 A1 - T&C (HVAC, FS, P&D, OTHERS)
Statutory Submissions & Approvals (Day 670 Completion)	
Water Supplies Department (WSD)	
Commencement	
Completion	
RAB-WSD-394	050 A1 - Submit WWO 46 Pt. IV
RAB-WSD-404	050 A1 - WSD Inspection/Meter Connection
RAB-WSD-414	050 A1 - WSD Issue WWO 046 Part V, Plumbing Instl'n Compl & Water Co
Fire Servives Department (VAC)	
RAB-FSD-1050	050 A1 - Submit Form 314
RAB-FSD-1060	050 A1 - Submit Form 501
RAB-FSD-1180	050 A1 - FS Inspection



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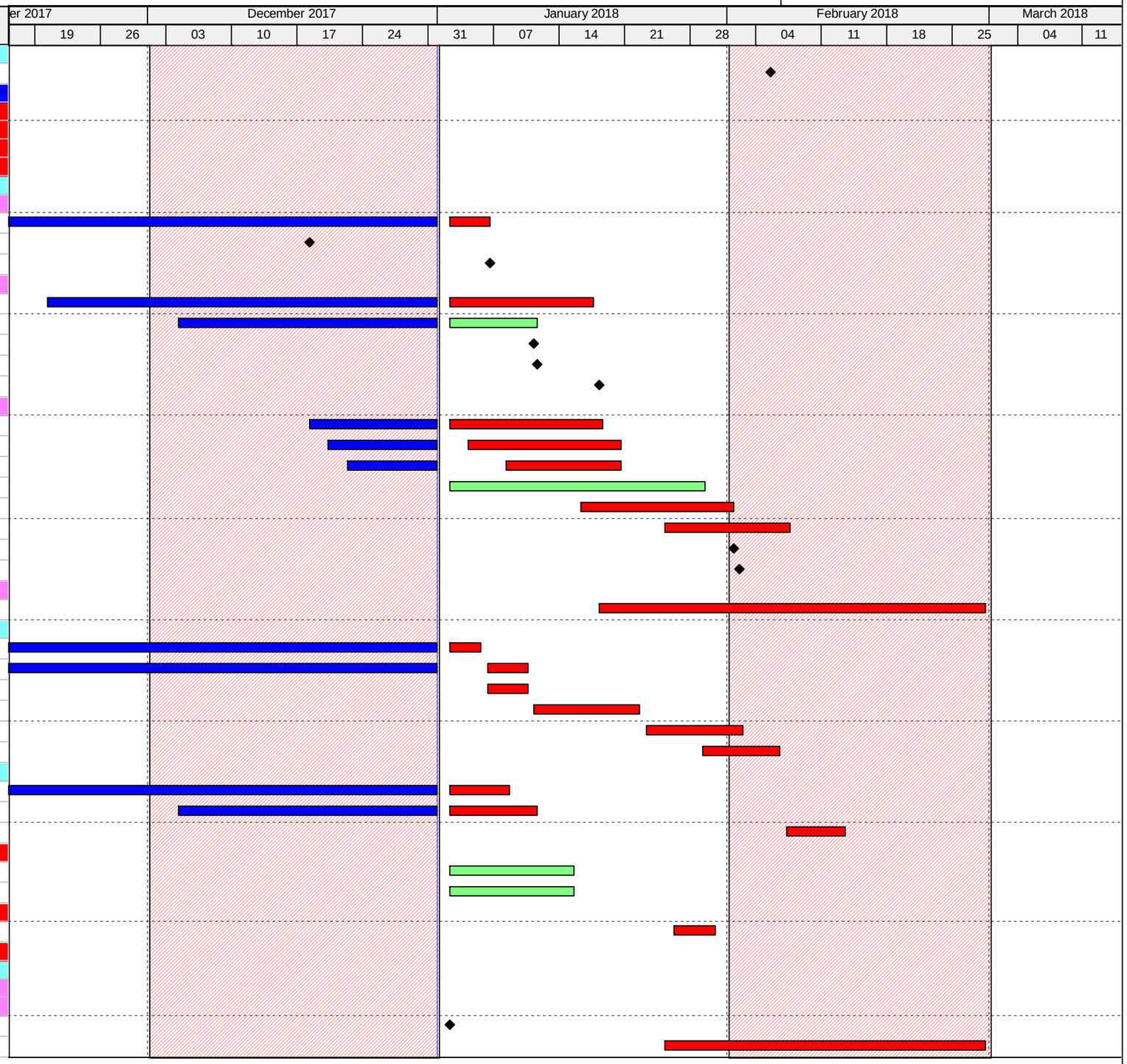
Contract No. HY/2014/05 - Remaining Ancillary Building and Facilities

Activity ID	Activity Name
Engineer (Aecom)	
RAB-50-7400	050 A1 - Submit Building 050 A1 As Built Drawings to Engineer
Public Toilet (Portion A2)	
Excavation	
Raft	
Structure	
ABWF/E&M	
Internal Finishes	
Degree 1	
RAB-50-4170	050 A2 - MEP 1st Fix
RAB-50-4410	050 A2 - Access for C3 Cabling Works
RAB-KD12A10	KD12A - Projected achievement of Stage 12A of the Works
Degree 2	
RAB-50-4270	050 A2 - MEP 2nd Fix
RAB-50-4440	050 A2 - Louver / Door Frame
RAB-50-4480	050 A2 - Access for C3 Equip. Installation
RAB-KD12B10	KD12B - Projected achievement of Stage 12B of the Works
RAB-50-4300	050 A2 - Power On
Degree 3	
RAB-50-4430	050 A2 - Wall Finish
RAB-50-4450	050 A2 - Floor Finish
RAB-50-4460	050 A2 - Door panel & Ironmongery
RAB-50-4390	050 A2 - Ceiling Frame
RAB-50-4280	050 A2 - MEP Final Fix
RAB-50-4290	050 A2 - Snagging and Remedials
RAB-KD12C10	KD12C - Projected achievement of Stage 12C of the Works
RAB-50-7490	050 A2 - End Users and MoM handover inspection
Specialist installation	
RAB-50-4240	050 A2 - Installation of Sanitaryware and Fixtures
Roof Finishes	
RAB-50-4180	050 A2 - Install Roof Tiles - 140m²
RAB-50-4210	050 A2 - Install Cat Ladder and Roof Access Hatch
RAB-50-4200	050 A2 - Install Railing - 49m
RAB-50-4230	050 A2 - Installation of Aluminium Canopy
RAB-50-4380	050 A2 - Install Aluminium Cladding
RAB-50-4100	050 A2 - Install Skylights (8No)
External Finishes	
RAB-50-4190	050 A2 - External Tiling
RAB-50-4120	050 A2 - Install External Louvers /Windows/Doors
RAB-50-4260	050 A2 - Make good external surfaces
Utilities and Drainage	
RAB-50-7995	050 A2 - Install Flushing Water Mains
RAB-50-8005	050 A2 - Install Fresh Water Mains
Testing & Commissioning	
RAB-TC50-1030	050 A2 - T&C (HVAC, FS, P&D, OTHERS)
Statutory Submissions & Approvals (Day 670 Completion)	
Water Supplies Department (WSD)	
Commencement	
Completion	
RAB-WSD-124	050 A2 - Submit WWO 46 Pt. IV
RAB-WSD-134	050 A2 - WSD Inspection/Meter Connection for Building 050



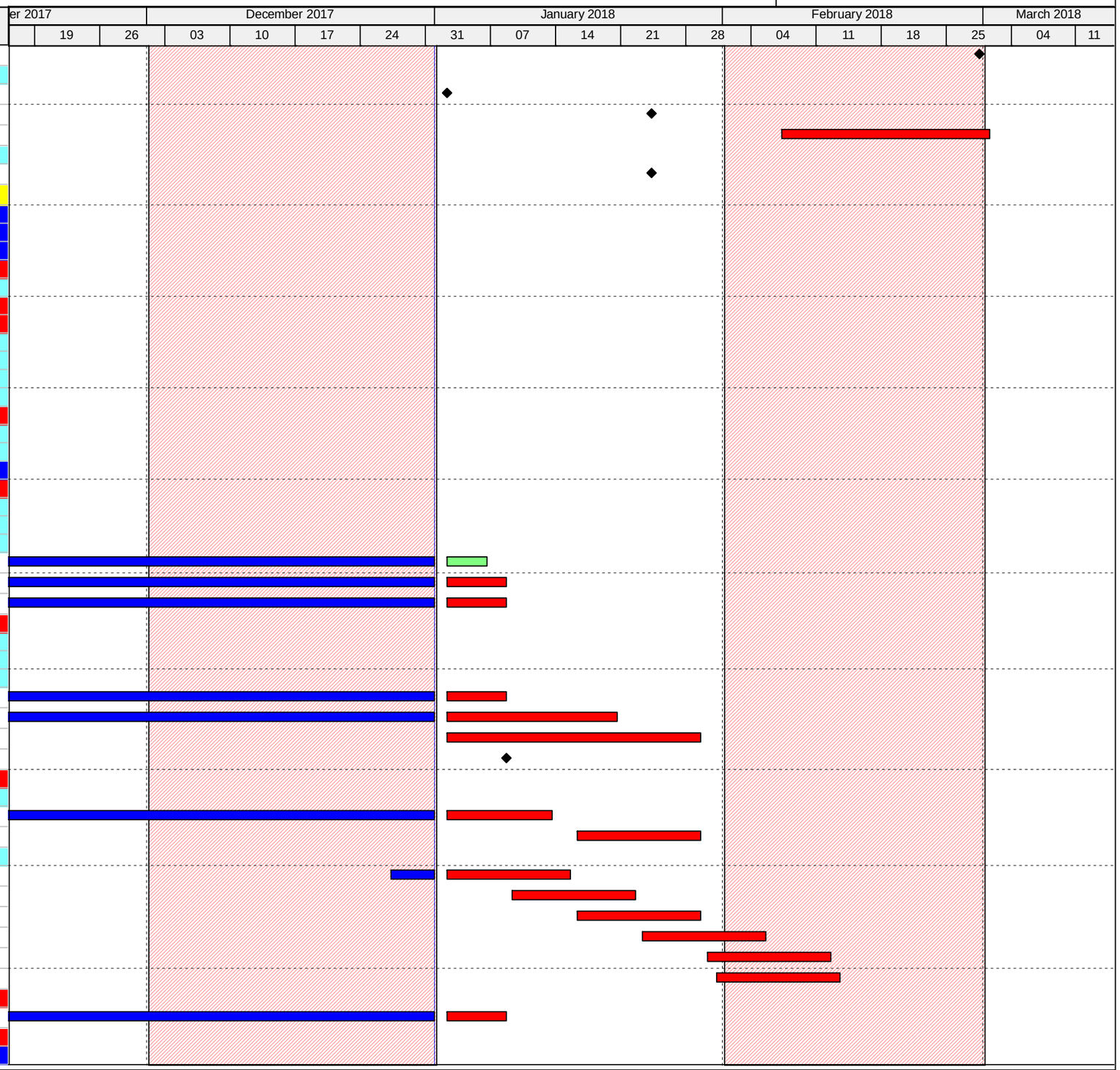
Remaining Level of Effort | Actual Work | Critical Remaining ...
Actual Level of Effort | Remaining Work | Finish Constraint

3-Month Rolling Programme Update, 01 Jan. 2018

Date	Revision	Checked	Approved
01-Jan-18	3-Month Rolling Programme, 01 Jan-18 Update		

Contract No. HY/2014/05 - Remaining Ancillary Building and Facilities

Activity ID	Activity Name
RAB-WSD-144	050 A2 - WSD Issue WWO 046 Part V, Cert Plumbing Instl'n Compl & Conr
Fire Servives Department (VAC)	
RAB-FSD-260	050 A2 - Submit Form 314
RAB-FSD-270	050 A2 - Submit Form 501
RAB-FSD-1200	050 A2 - FS Inspection
Engineer (AECOM)	
RAB-50-7430	050 A2 - Submit Building 050 H1 As Built Drawings to Engineer
Building 053 - Outbound X-Ray Building	
Excavation	
Raft	
Structure	
External Walls	
To First Floor Level	
Internal Structures	
First Floor	
Slabs	
Cure and Strip	
1/F - Roof Level	
Staircases	
Roof Floor	
Slabs	
Cure and Strip	
ABWF/E&M	
Ground Floor	
Degree 1 - G/F	
Degree 2 - G/F	
Degree 3 - G/F	
RAB-53-8205	053 - Floor Painting & Tiling, G/F
RAB-53-7915	053 - Ceiling Plaster Board, G/F
RAB-53-0710	053 - Door Panel & Ironmongery, G/F
First Floor	
Degree 1 - 1/F	
Degree 2 - 1/F	
Degree 3 - 1/F	
RAB-53-8215	053 - Floor Painting & Tiling, 1/F
RAB-53-8195	053 - MEP Balance of Works
RAB-53-8125	053 - Snagging and Remedials, 1/F
RAB-53-8095	053 - Projected Achievement of Stage 1C, 1/F
External Finishes	
External Facade	
RAB-53-0500	053 - External Painting
RAB-53-0640	053 - Make good external surfaces
At Grade	
RAB-53-7615	053 - Prepare Sub Grade
RAB-53-7885	053 - Laying Geo Textile
RAB-53-7625	053 - Lay Granular Sub-Base
RAB-53-7635	053 - Laying Course
RAB-53-7695	053 - Concrete Block Paving
RAB-53-7705	053 - Snag Listing
Roof Finishes	
RAB-53-0530	053 - Install Railing - 105m
Spacialist Installations	
Glazed Canopy	



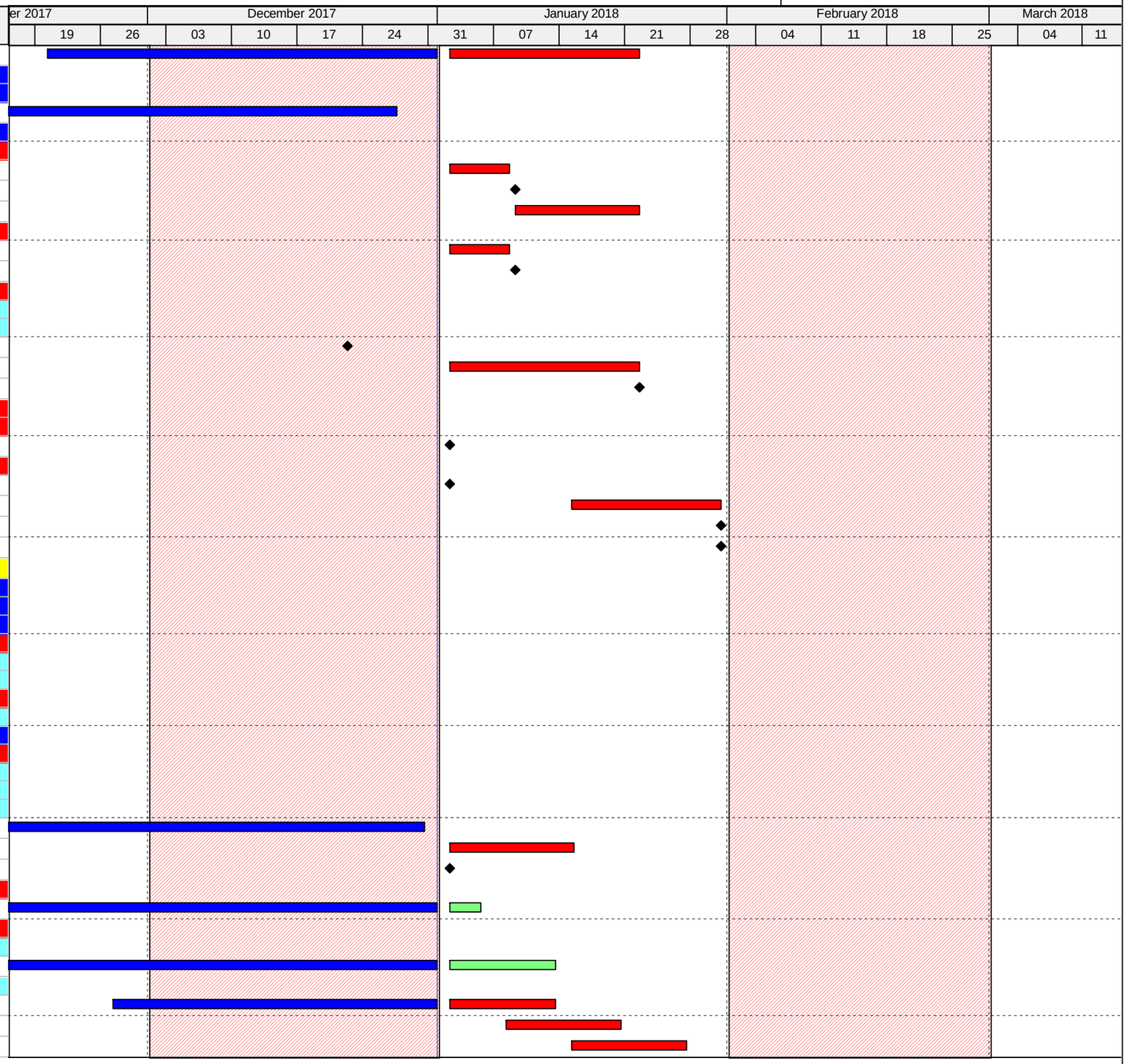
Remaining Level of Effort
Actual Work
Critical Remaining ...
Actual Level of Effort
Remaining Work
Finish Constraint

3-Month Rolling Programme Update, 01 Jan. 2018

Date	Revision	Checked	Approved
01-Jan-18	3-Month Rolling Programme, 01 Jan-18 Update		

Contract No. HY/2014/05 - Remaining Ancillary Building and Facilities

Activity ID	Activity Name
RAB-53-0620	053 - Construct high level Canopy at +9.95mPD
Utilities and Drainage	
Testing & Commissioning	
RAB-TC53-1050	053 - T&C, Lift
Statutory Submissions & Approvals (Day 470 Completion)	
BEEO	
RAB-BEE-420	053 - Registered Energy Assessor Inspection & Certification
RAB-BEE-430	053 - Submit REA Certification to EDMS
RAB-BEE-440	053 - EDMS Issue of Cert of Compliance Registration (COCR)
EMSD - Building 053 Lift Inspection	
RAB-FSD-160	053 - EMSD Lift Inspection
RAB-FSD-090	053 - EMSD Lift Certificate Issued (Fire Lift)
Water Supplies Department (WSD)	
Commencement	
Completion	
RAB-WSD-100	053 - Submit WWO 46 Pt. IV
RAB-WSD-102	053 - WSD's Processing/Inspection/Meter Connection
RAB-WSD-104	053 - WSD Issue WWO 046 Part V, Plumbing Compl. Cert & Water Conne
VAC	
FSD	
RAB-FSD-430	053 - Issue Form 172, FS Compliance Cert.
Engineer (AECOM)	
RAB-53-7460	053 - Submit Building 053 As Built Drawings to Engineer
RAB-53-7470	053 - Engineer Inspection Period
RAB-53-7480	053 - Engineer Issue Occupation Permit
RAB-53-KD1	KD1 - Projected Completion of Section I of the Works (470 days) Building 05
Building 058 - Outbound X-Ray Scan Tunnel	
Excavation	
Raft	
Structure	
Walls	
South	
North	
Roof Slabs	
Cure and Strip	
ABWF/E&M	
Internal Finishes	
Degree 1	
Degree 2	
Degree 3	
RAB-58-0700	058 - Floor Finish (Epoxy Paint)
RAB-58-0660	058 - Snagging and Remedials, Bldg. Internal
RAB-58-7520	058 - End Users and MoM handover inspection
Roof Finishes	
RAB-58-0540	058 - Install Railing - 152m
External Finishes	
Facade	
RAB-58-0470	058 - External Painting
At Grade	
RAB-58-6760	058 - Prepare Sub Grade
RAB-58-6750	058 - Laying Geo Textile
RAB-58-6770	058 - Lay Granular Sub-Base



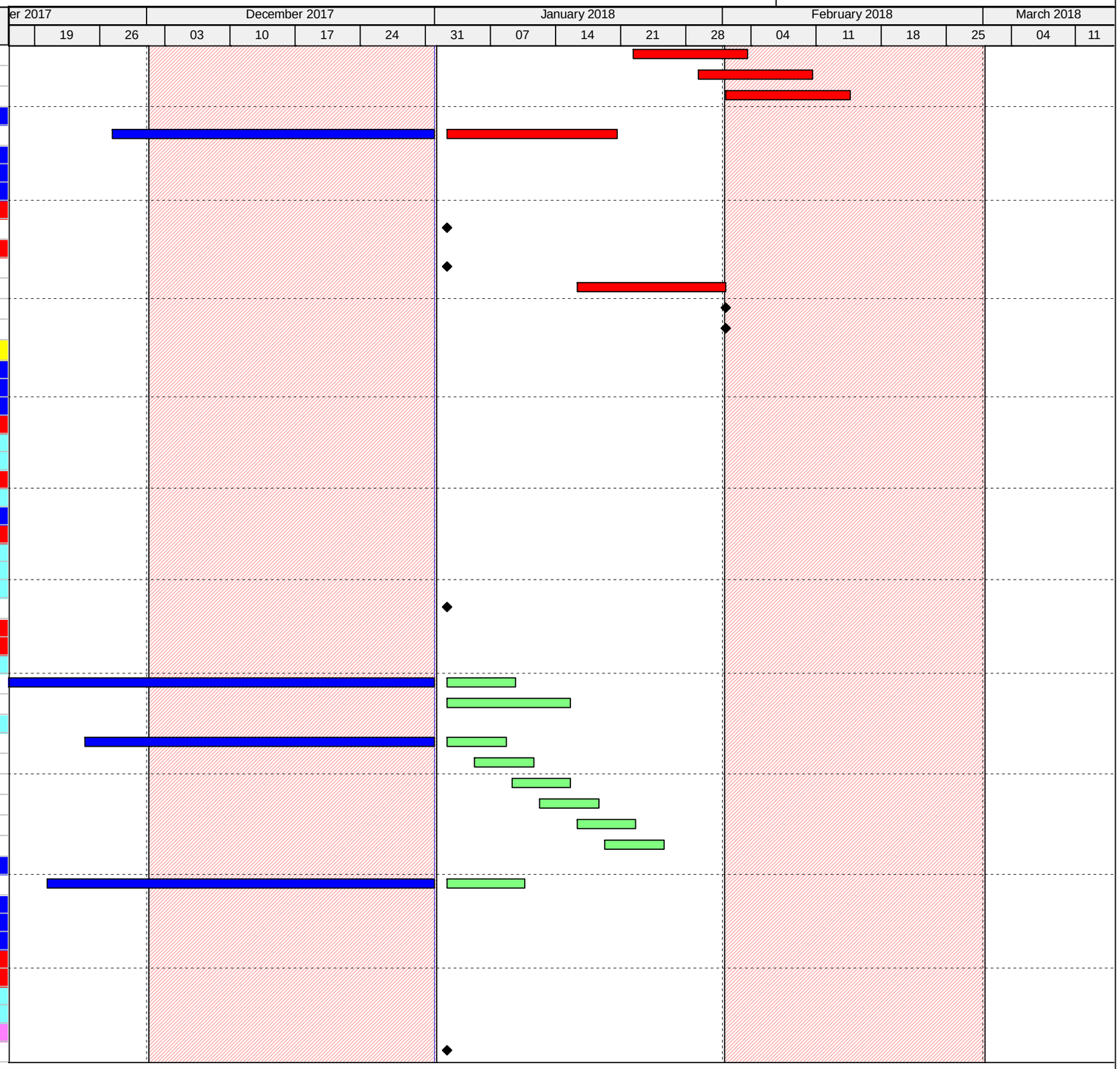
Remaining Level of Effort | Actual Work | Critical Remaining ...
Actual Level of Effort | Remaining Work | Finish Constraint

3-Month Rolling Programme Update, 01 Jan. 2018

Date	Revision	Checked	Approved
01-Jan-18	3-Month Rolling Programme, 01 Jan-18 Update		

Contract No. HY/2014/05 - Remaining Ancillary Building and Facilities

Activity ID	Activity Name
RAB-58-6780	058 - Laying Course
RAB-58-6740	058 - Concrete Block Paving
RAB-58-6800	058 - Snagging and Remedials
Glazed Canopy	
RAB-58-0600	058 - Construct high level canopy at +13.231mPD
Utilities and Drainage	
Testing & Commissioning	
Statutory Submissions & Approvals (Day 470 Completion)	
VAC (FSD)	
RAB-FSD-104	058 - Fire Certificate Obtained (Form 172) Handover For Building 058
Engineer (AECOM)	
RAB-58-7490	058 - Submit Building 058 As Built Drawings to Engineer
RAB-58-7500	058 - Engineer Inspection Period
RAB-58-7510	058 - Engineer Issue Occupation Permit
RAB-KD34	KD1 - Projected Completion of Section I of the Works (470 days) Building 05
Building 059 - Inbound X-Ray Scan Tunnel	
Excavation	
Raft Foundations	
Structure	
Walls	
West	
East	
Roof Slabs	
Cure and Strip	
ABWF/E&M	
Internal Finishes	
Degree 1	
Degree 2	
Degree 3	
RAB-59-7550	059 - End Users and MoM handover inspection
Roof Finishes	
External Finishes	
Facade	
RAB-59-0480	059 - External Painting
RAB-59-0650	059 - Make good external surfaces
At Grade	
RAB-59-6700	059 - Prepare Sub Grade
RAB-59-6690	059 - Laying Geo Textile
RAB-59-6710	059 - Lay Granular Sub-Base
RAB-59-6720	059 - Laying Course
RAB-59-6680	059 - Concrete Block Paving
RAB-59-0670	059 - Snagging and Remedials
Glazed Canopy	
RAB-59-0610	059 - Construct high level glazed canopy at +13.406mPD North
Utilities and Drainage	
Testing & Commissioning	
Statutory Submissions & Approvals (Day 470 Completion)	
VAC	
Fire Services Department (FSD)	
Commencement	
Completion	
Bldg. 059 Ready for FS Inspection (C8 Requirement)	
RAB-FSD-750	059 - Fire Certificate Obtained (Form 172) Handover For Building 059



Remaining Level of Effort | Actual Work | Critical Remaining ...
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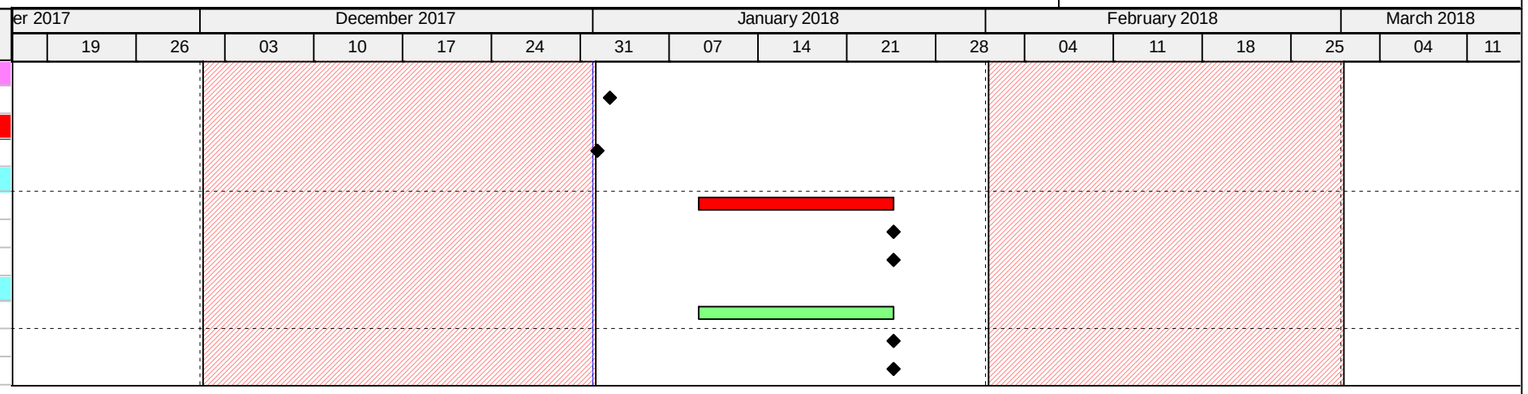
3-Month Rolling Programme Update, 01 Jan. 2018

Date	Revision	Checked	Approved
01-Jan-18	3-Month Rolling Programme, 01 Jan-18 Update		

Contract No. HY/2014/05 - Remaining Ancillary Building and Facilities

Activity ID	Activity Name
Bldg. 059 for FS Inspection (Due to C3 Work Interface)	
RAB-FSD-490	059 - Fire Certificate Obtained (Form 172) Handover For Building 059
Engineer (AECOM)	
RAB-59-7520	059 - Submit Building 059 As Built Drawings to Engineer
Bldg. 059 Ready for Engineer Inspection (C8 Requirement)	
RAB-59-7570	059 - Engineer Inspection Period
RAB-59-7580	059 - Engineer Issue Occupation Permit
RAB-59-7590	KD2 - Projected Completion of Section II of the Works (470 days) Building 0
Bldg. 059 Ready for Engineer Inspection (Due to C3 Work Interface)	
RAB-59-7530	059 - Engineer Inspection Period
RAB-59-7540	059 - Engineer Issue Occupation Permit
RAB-KD24	KD2 - Projected Completion of Section II of the Works (470 days) Building 0

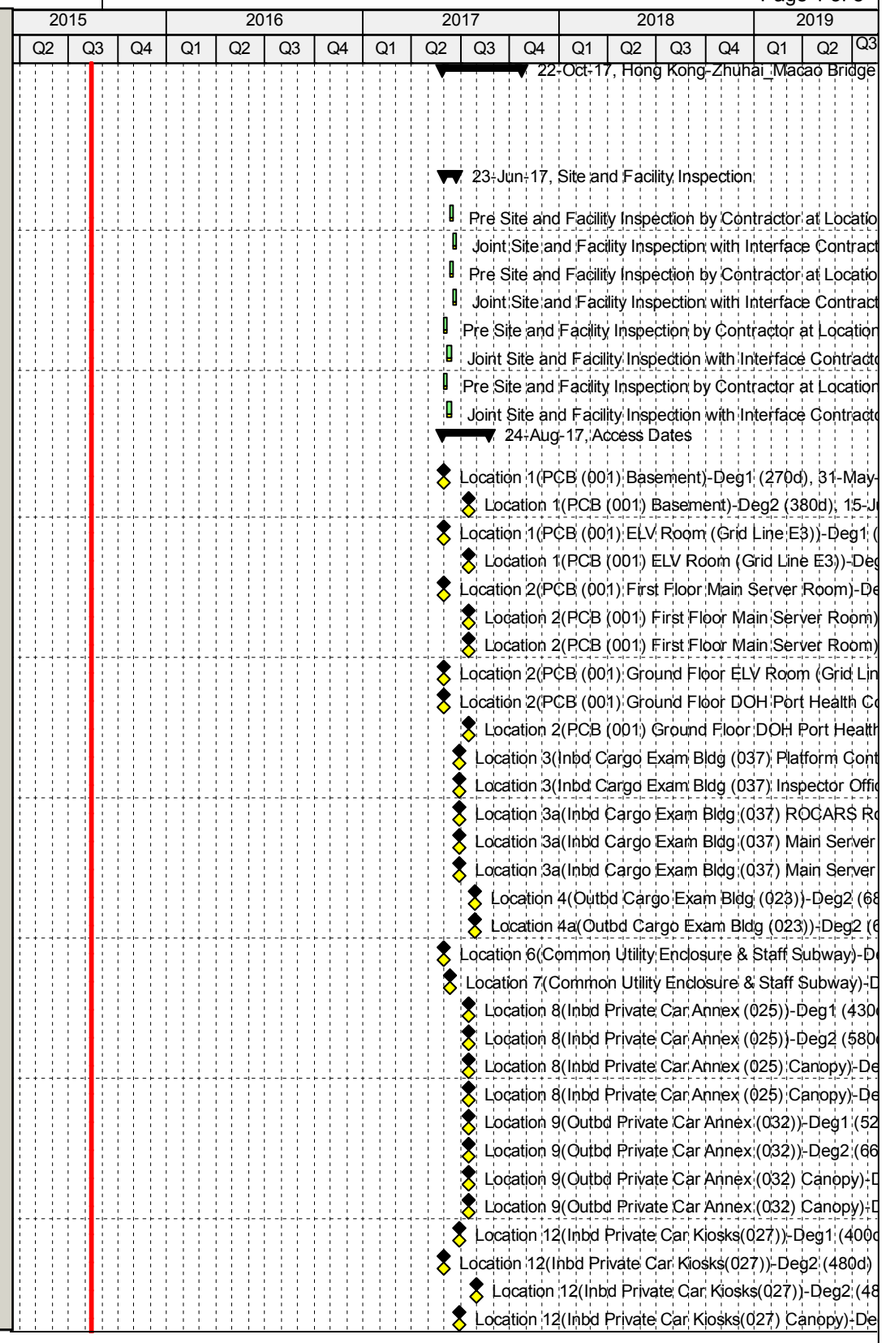


Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining ...
Finish Constraint

3-Month Rolling Programme Update, 01 Jan. 2018

Date	Revision	Checked	Approved
01-Jan-18	3-Month Rolling Programme, 01 Jan-18 Update		

Activity ID	Activity Name
Hong Kong-Zhuhai_Macao Bridge Hong Kong Boundary Crossing F	
Key Dates	
Interface Activities	
Site and Facility Inspection	
JS1200	Pre Site and Facility Inspection by Contractor at Location 4 - Deg2
JS1210	Joint Site and Facility Inspection with Interface Contractor at Location 4 - Deg2
JS1620	Pre Site and Facility Inspection by Contractor at Location 14 - Deg2
JS1630	Joint Site and Facility Inspection with Interface Contractor at Location 14 - Deg2
JS1760	Pre Site and Facility Inspection by Contractor at Location 18 - Deg1
JS1770	Joint Site and Facility Inspection with Interface Contractor at Location 18 - Deg1
JS1780	Pre Site and Facility Inspection by Contractor at Location 18 - Deg2
JS1790	Joint Site and Facility Inspection with Interface Contractor at Location 18 - Deg2
Access Dates	
AD1000	Location 1(PCB (001) Basement)-Deg1 (270d)
AD1010	Location 1(PCB (001) Basement)-Deg2 (380d)
AD1020	Location 1(PCB (001) ELV Room (Grid Line E3))-Deg1 (270d)
AD1030	Location 1(PCB (001) ELV Room (Grid Line E3))-Deg2 (380d)
AD1040	Location 2(PCB (001) First Floor Main Server Room)-Deg1 (330d)
AD1050	Location 2(PCB (001) First Floor Main Server Room)-Deg2 (380d)
AD1060	Location 2(PCB (001) First Floor Main Server Room) - For Server Installation - Deg2 (:
AD1070	Location 2(PCB (001) Ground Floor ELV Room (Grid Line E3)) - Deg1 (330d)
AD1080	Location 2(PCB (001) Ground Floor DOH Port Health Control Room (Grid Line BD5)) -
AD1090	Location 2(PCB (001) Ground Floor DOH Port Health Control Room (Grid Line BD5)) -
AD1130	Location 3(Inbd Cargo Exam Bldg (037) Platform Control Room)-Deg2 (500d)
AD1150	Location 3(Inbd Cargo Exam Bldg (037) Inspector Offices 128,129,130,131,128,129,14
AD1170	Location 3a(Inbd Cargo Exam Bldg (037) ROCARS Room)-Deg2 (480d)
AD1190	Location 3a(Inbd Cargo Exam Bldg (037) Main Server Room)-Deg2 (480d)
AD1200	Location 3a(Inbd Cargo Exam Bldg (037) Main Server Room) - For Server installation -
AD1220	Location 4(Outbd Cargo Exam Bldg (023))-Deg2 (680d)
AD1240	Location 4a(Outbd Cargo Exam Bldg (023))-Deg2 (630d)
AD1270	Location 6(Common Utility Enclosure & Staff Subway)-Deg1 (400d)
AD1290	Location 7(Common Utility Enclosure & Staff Subway)-Deg1 (270d)
AD1300	Location 8(Inbd Private Car Annex (025))-Deg1 (430d)
AD1310	Location 8(Inbd Private Car Annex (025))-Deg2 (580d)
AD1320	Location 8(Inbd Private Car Annex (025) Canopy)-Deg1 (430d)
AD1330	Location 8(Inbd Private Car Annex (025) Canopy)-Deg2 (580d)
AD1340	Location 9(Outbd Private Car Annex (032))-Deg1 (520d)
AD1350	Location 9(Outbd Private Car Annex (032))-Deg2 (660d)
AD1360	Location 9(Outbd Private Car Annex (032) Canopy)-Deg1 (520d)
AD1370	Location 9(Outbd Private Car Annex (032) Canopy)-Deg2 (660d)
AD1501	Location 12(Inbd Private Car Kiosks(027))-Deg1 (400d) Phase 2
AD1510	Location 12(Inbd Private Car Kiosks(027))-Deg2 (480d) Phase 1
AD1511	Location 12(Inbd Private Car Kiosks(027))-Deg2 (480d) Phase 2
AD1521	Location 12(Inbd Private Car Kiosks(027) Canopy)-Deg1 (400d) Phase 2



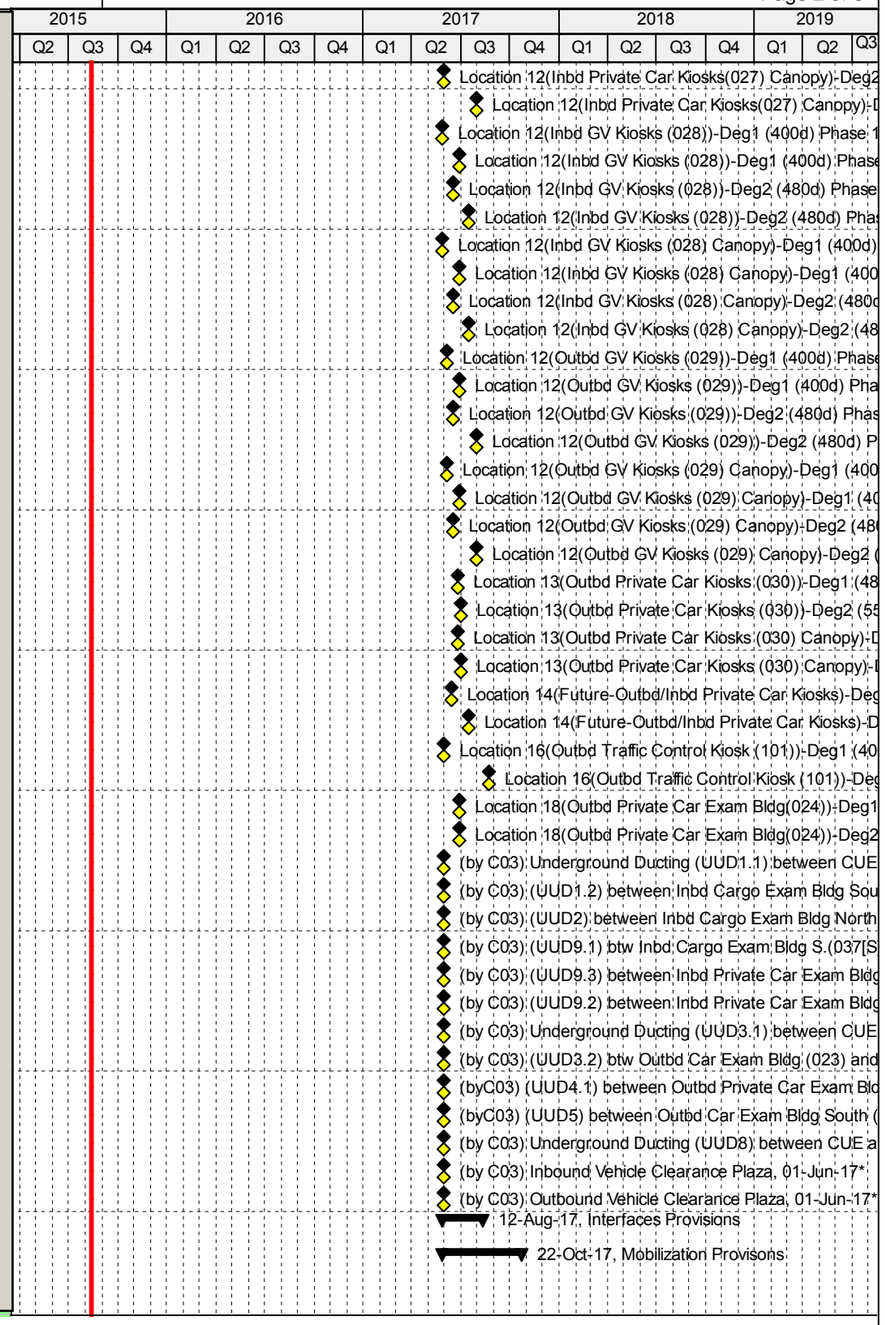
Programme No.: HZMB-DWP
Data Date: 14-Aug-15

- Actual Level of Effort
- Primary Baseline
- Actual Work
- Remaining Work
- Critical Remaining Work
- Baseline Milestone
- Milestone
- summary

Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities - Automatic Vehicle Clearance Support System (AVCSS)

Date	Revision	Checked	Approved
14-Nov-16	Rev.: 0	WC	LC
10-Mar-17	Rev.: 1.0a	WC	LC
5-May-17	Rev.: 1.0b	WC	LC

Activity ID	Activity Name
AD1530	Location 12(Inbd Private Car Kiosks(027) Canopy)-Deg2 (480d) Phase 1
AD1531	Location 12(Inbd Private Car Kiosks(027) Canopy)-Deg2 (480d) Phase 2
AD1540	Location 12(Inbd GV Kiosks (028))-Deg1 (400d) Phase 1
AD1541	Location 12(Inbd GV Kiosks (028))-Deg1 (400d) Phase 2
AD1550	Location 12(Inbd GV Kiosks (028))-Deg2 (480d) Phase 1
AD1551	Location 12(Inbd GV Kiosks (028))-Deg2 (480d) Phase 2
AD1560	Location 12(Inbd GV Kiosks (028) Canopy)-Deg1 (400d) Phase 1
AD1561	Location 12(Inbd GV Kiosks (028) Canopy)-Deg1 (400d) Phase 2
AD1570	Location 12(Inbd GV Kiosks (028) Canopy)-Deg2 (480d) Phase 1
AD1571	Location 12(Inbd GV Kiosks (028) Canopy)-Deg2 (480d) Phase 2
AD1580	Location 12(Outbd GV Kiosks (029))-Deg1 (400d) Phase 1
AD1581	Location 12(Outbd GV Kiosks (029))-Deg1 (400d) Phase 2
AD1590	Location 12(Outbd GV Kiosks (029))-Deg2 (480d) Phase 1
AD1591	Location 12(Outbd GV Kiosks (029))-Deg2 (480d) Phase 2
AD1600	Location 12(Outbd GV Kiosks (029) Canopy)-Deg1 (400d) Phase 1
AD1601	Location 12(Outbd GV Kiosks (029) Canopy)-Deg1 (400d) Phase 2
AD1610	Location 12(Outbd GV Kiosks (029) Canopy)-Deg2 (480d) Phase 1
AD1611	Location 12(Outbd GV Kiosks (029) Canopy)-Deg2 (480d) Phase 2
AD1620	Location 13(Outbd Private Car Kiosks (030))-Deg1 (480d) Phase 1
AD1630	Location 13(Outbd Private Car Kiosks (030))-Deg2 (550d) Phase 1
AD1640	Location 13(Outbd Private Car Kiosks (030) Canopy)-Deg1 (480d) Phase 1
AD1650	Location 13(Outbd Private Car Kiosks (030) Canopy)-Deg2 (550d) Phase 1
AD1660	Location 14(Future-Outbd/Inbd Private Car Kiosks)-Deg1 (610d)
AD1670	Location 14(Future-Outbd/Inbd Private Car Kiosks)-Deg2 (680d)
AD1700	Location 16(Outbd Traffic Control Kiosk (101))-Deg1 (400d)
AD1710	Location 16(Outbd Traffic Control Kiosk (101))-Deg2 (480d)
AD1740	Location 18(Outbd Private Car Exam Bldg(024))-Deg1 (-)
AD1750	Location 18(Outbd Private Car Exam Bldg(024))-Deg2 (670d)
AD1780	(by C03) Underground Ducting (UUD1.1) between CUE and Inbd Cargo Exam Bldg (0
AD1790	(by C03) (UUD1.2) between Inbd Cargo Exam Bldg South (037[S]) and DOH Cargo C
AD1800	(by C03) (UUD2) between Inbd Cargo Exam Bldg North (037[N]) and Inbd Vehicle Clea
AD1810	(by C03) (UUD9.1) btw Inbd Cargo Exam Bldg S.(037[S]) & Inbd PC Exam Bldg(033) &
AD1820	(by C03) (UUD9.3) between Inbd Private Car Exam Bldg (033) and Inbd Vehicle Clearc
AD1830	(by C03) (UUD9.2) between Inbd Private Car Exam Bldg (033) and Inbd Vehicle Clearc
AD1840	(by C03) Underground Ducting (UUD3.1) between CUE to Outbd Cargo Exam Bldg (0
AD1850	(by C03) (UUD3.2) btw Outbd Car Exam Bldg (023) and Outbd PC Exam Bldg (024) a
AD1860	(byC03) (UUD4.1) between Outbd Private Car Exam Bldg (024) and Outbd Vehicle Cle
AD1870	(byC03) (UUD5) between Outbd Car Exam Bldg South (023[S]) and Outbd Vehicle Cle
AD1880	(by C03) Underground Ducting (UUD8) between CUE and Outbd PCA (032)
AD1910	(by C03) Inbound Vehicle Clearance Plaza
AD1920	(by C03) Outbound Vehicle Clearance Plaza
Interfaces Provisions	
Mobilization Provisons	
WA4 Site Erection & Servicing	



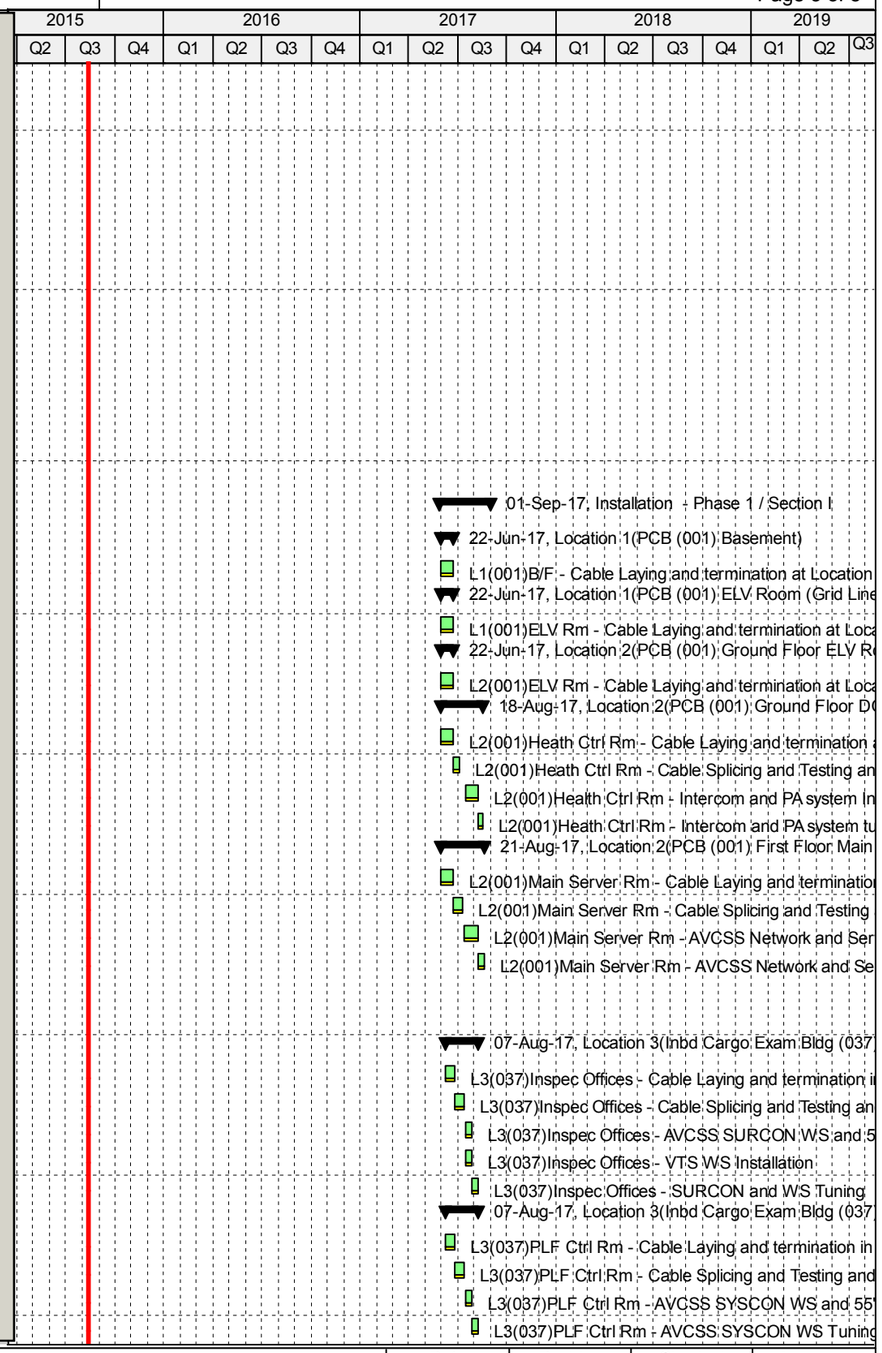
Programme No.: HZMB-DWP
Data Date: 14-Aug-15

Actual Level of Effort
Primary Baseline
Actual Work
Remaining Work
Critical Remaining Work
Baseline Milestone
Milestone
summary

Hong Kong-Zhuhai-Macao Bridge
Hong Kong Boundary Crossing
Facilities - Automatic Vehicle
Clearance Support System (AVCSS)

Date	Revision	Checked	Approved
14-Nov-16	Rev.: 0	WC	LC
10-Mar-17	Rev.: 1.0a	WC	LC
5-May-17	Rev.: 1.0b	WC	LC

Activity ID	Activity Name
	Detailed Design Specification
	Contruction Design and Management
	Supply/Manufacture Mock-up items
	Supply/Manufacture prototypes
	Software Design, Coding and Testing
	Coding
	Software System Inetgration
	Prototype & Software Simulation Tests
	Procurement - Phase 1 / Section I
	Supply/Manufacture products for FAT
	Factory Acceptance Test (FAT)
	Supply/Manufacture Equipment
	Delivery and Bench Acceptance Test for Phase 1/ Section I
	Installation - Phase 1 / Section I
	Location 1(PCB (001) Basement)
EM1920	L1(001)B/F - Cable Laying and termination at Location 1 and Location 2
	Location 1(PCB (001) ELV Room (Grid Line E3))
EM1940	L1(001)ELV Rm - Cable Laying and termination at Location 1 and Location 2
	Location 2(PCB (001) Ground Floor ELV Room (Grid Line E3))
EM1960	L2(001)ELV Rm - Cable Laying and termination at Location 1 and Location 2
	Location 2(PCB (001) Ground Floor DOH Port Health Control Room (Grid Line BD5))
EM1080	L2(001)Heath Ctrl Rm - Cable Laying and termination at Location 1 and Location 2
EM1100	L2(001)Heath Ctrl Rm - Cable Splicing and Testing and Labeling
EM1120	L2(001)Health Ctrl Rm - Intercom and PA system Installation
EM1140	L2(001)Heath Ctrl Rm - Intercom and PA system tuning
	Location 2(PCB (001) First Floor Main Server Room)
EM1000	L2(001)Main Server Rm - Cable Laying and termination at Location 1 and Location 2
EM1020	L2(001)Main Server Rm - Cable Splicing and Testing and Labeling
EM1040	L2(001)Main Server Rm - AVCSS Network and Server Installation
EM1060	L2(001)Main Server Rm - AVCSS Network and Server Tuning
	Location 3(Inbd Cargo Exam Bldg (037) MDF Room)
	Location 3(Inbd Cargo Exam Bldg (037) ELV Room)
	Location 3(Inbd Cargo Exam Bldg (037) Inspector Offices 128,129,130,131,128,129,14
EM2020	L3(037)Inspec Offices - Cable Laying and termination in Location 3 and Location 3a
EM2040	L3(037)Inspec Offices - Cable Splicing and Testing and Labeling
EM2060	L3(037)Inspec Offices - AVCSS SURCON WS and 55" LCD Installation
EM2080	L3(037)Inspec Offices - VTS WS Installation
EM2100	L3(037)Inspec Offices - SURCON and WS Tuning
	Location 3(Inbd Cargo Exam Bldg (037) Platform Control Room)
EM1160	L3(037)PLF Ctrl Rm - Cable Laying and termination in Location 3 and Location 3a
EM1180	L3(037)PLF Ctrl Rm - Cable Splicing and Testing and Labeling
EM1200	L3(037)PLF Ctrl Rm - AVCSS SYSCON WS and 55" TV Wall Installation
EM1220	L3(037)PLF Ctrl Rm - AVCSS SYSCON WS Tuning



Programme No.: HZMB-DWP
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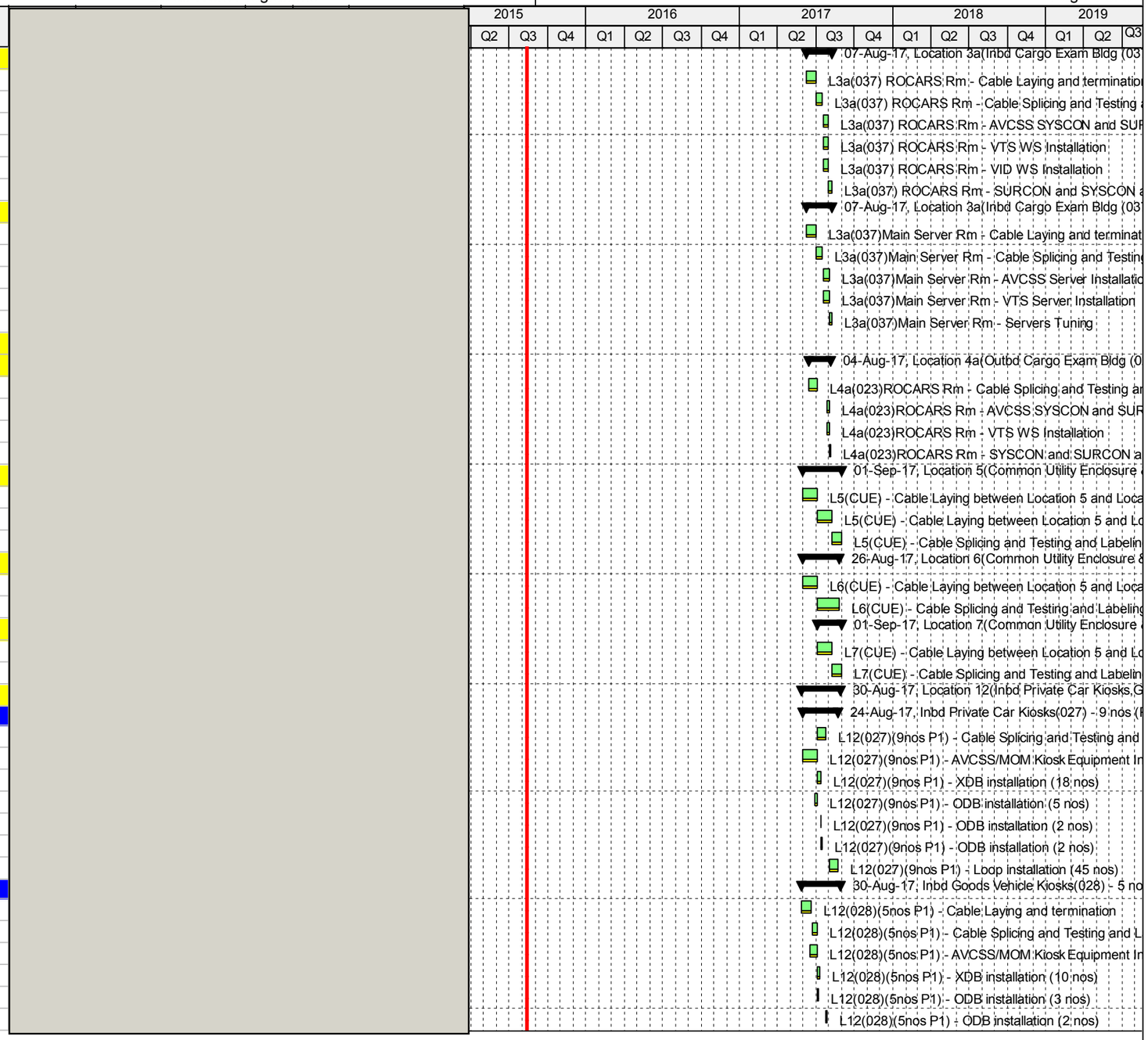
Hong Kong-Zhuhai-Macao Bridge
Hong Kong Boundary Crossing
Facilities - Automatic Vehicle
Clearance Support System (AVCSS)

Date	Revision	Checked	Approved
14-Nov-16	Rev.: 0	WC	LC
10-Mar-17	Rev.: 1.0a	WC	LC
5-May-17	Rev.: 1.0b	WC	LC

Activity ID	Activity Name
Location 3a(Inbd Cargo Exam Bldg (037) ROCARS Room)	
EM1240	L3a(037) ROCARS Rm - Cable Laying and termination in Location 3 and Location 3a
EM1260	L3a(037) ROCARS Rm - Cable Splicing and Testing and Labeling
EM1280	L3a(037) ROCARS Rm - AVCSS SYSCON and SURCON and Intercom Installation
EM1300	L3a(037) ROCARS Rm - VTS WS Installation
EM1320	L3a(037) ROCARS Rm - VID WS Installation
EM1340	L3a(037) ROCARS Rm - SURCON and SYSCON and WS Tuning
Location 3a(Inbd Cargo Exam Bldg (037) Main Server Room)	
EM2120	L3a(037)Main Server Rm - Cable Laying and termination in Location 3 and Location 3a
EM2140	L3a(037)Main Server Rm - Cable Splicing and Testing and Labeling
EM2160	L3a(037)Main Server Rm - AVCSS Server Installation
EM2180	L3a(037)Main Server Rm - VTS Server Installation
EM2200	L3a(037)Main Server Rm - Servers Tuning
Location 4(Outbd Cargo Exam Bldg (023) MDF Room)	
Location 4a(Outbd Cargo Exam Bldg (023) ROCARS Room)	
EM2240	L4a(023)ROCARS Rm - Cable Splicing and Testing and Labeling
EM2260	L4a(023)ROCARS Rm - AVCSS SYSCON and SURCON and Intercom Installation
EM2280	L4a(023)ROCARS Rm - VTS WS Installation
EM2300	L4a(023)ROCARS Rm - SYSCON and SURCON and WS Tuning
Location 5(Common Utility Enclosure & Staff Subway)	
EM2341	L5(CUE) - Cable Laying between Location 5 and Location 6
EM2361	L5(CUE) - Cable Laying between Location 5 and Location 7
EM2380	L5(CUE) - Cable Splicing and Testing and Labeling
Location 6(Common Utility Enclosure & Staff Subway)	
EM2400	L6(CUE) - Cable Laying between Location 5 and Location 6
EM2420	L6(CUE) - Cable Splicing and Testing and Labeling
Location 7(Common Utility Enclosure & Staff Subway)	
EM2440	L7(CUE) - Cable Laying between Location 5 and Location 7
EM2460	L7(CUE) - Cable Splicing and Testing and Labeling
Location 12(Inbd Private Car Kiosks,GV Kiosks (027,028,029))	
Inbd Private Car Kiosks(027) - 9 nos (Phase 1)	
EM1500	L12(027)(9nos P1) - Cable Splicing and Testing and Labeling
EM1520	L12(027)(9nos P1) - AVCSS/MOM Kiosk Equipment Installation (9 nos)
EM1541	L12(027)(9nos P1) - XDB installation (18 nos)
EM1542	L12(027)(9nos P1) - ODB installation (5 nos)
EM1543	L12(027)(9nos P1) - ODB installation (2 nos)
EM1544	L12(027)(9nos P1) - ODB installation (2 nos)
EM1560	L12(027)(9nos P1) - Loop installation (45 nos)
Inbd Goods Vehicle Kiosks(028) - 5 nos (Phase 1)	
EM1620	L12(028)(5nos P1) - Cable Laying and termination
EM1640	L12(028)(5nos P1) - Cable Splicing and Testing and Labeling
EM1660	L12(028)(5nos P1) - AVCSS/MOM Kiosk Equipment Installation (5 nos)
EM1681	L12(028)(5nos P1) - XDB installation (10 nos)
EM1682	L12(028)(5nos P1) - ODB installation (3 nos)
EM1683	L12(028)(5nos P1) - ODB installation (2 nos)



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Hong Kong-Zhuhai-Macao Bridge
Hong Kong Boundary Crossing
Facilities - Automatic Vehicle
Clearance Support System (AVCSS)

Date	Revision	Checked	Approved
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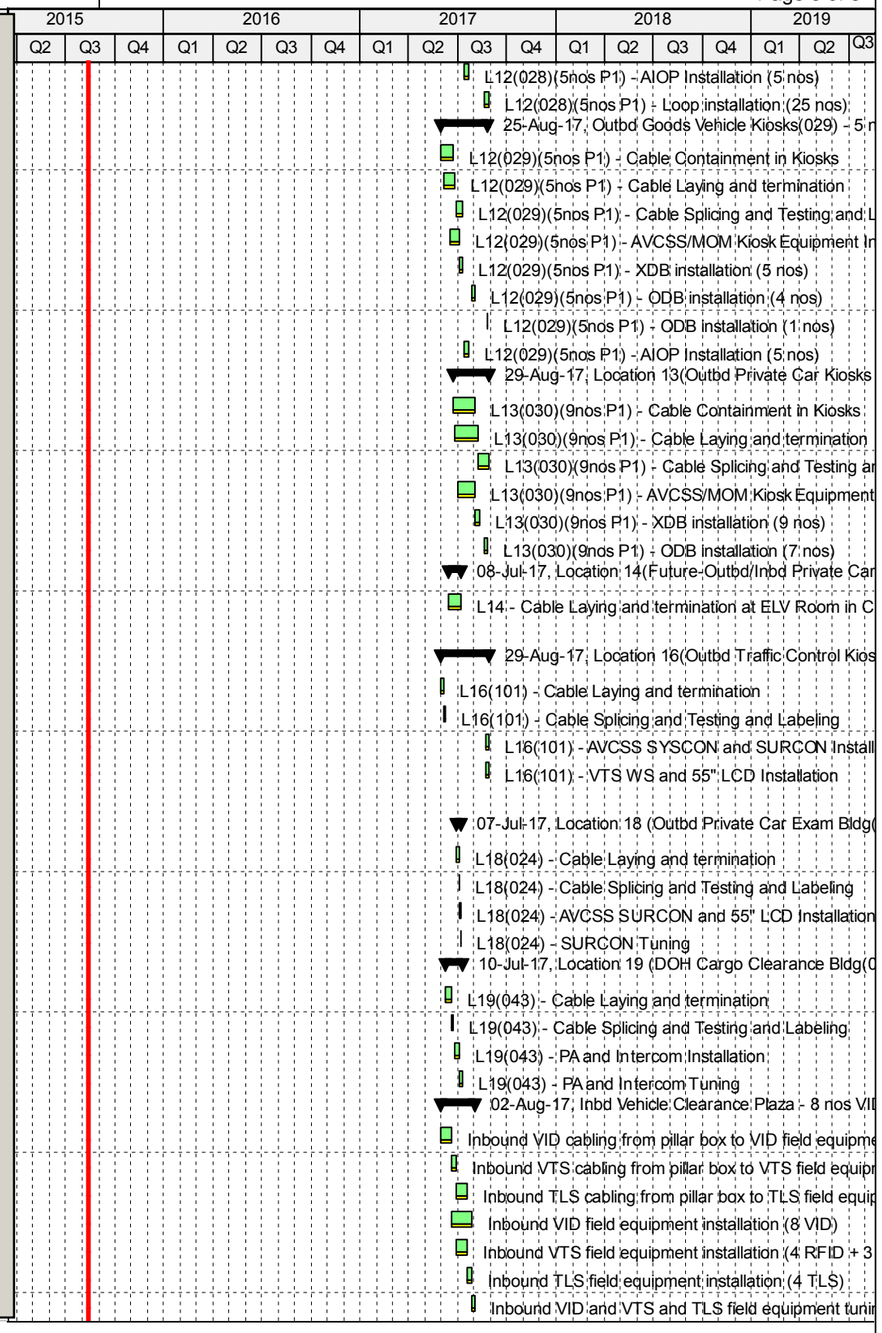
10-Mar-17	Rev.: 1.0a	WC	LC
5-May-17	Rev.: 1.0b	WC	LC

Activity ID	Activity Name
EM1700	L12(028)(5nos P1) - AIOP Installation (5 nos)
EM1720	L12(028)(5nos P1) - Loop installation (25 nos)
Outbd Goods Vehicle Kiosks(029) - 5 nos (Phase 1)	
EM1740	L12(029)(5nos P1) - Cable Containment in Kiosks
EM1760	L12(029)(5nos P1) - Cable Laying and termination
EM1780	L12(029)(5nos P1) - Cable Splicing and Testing and Labeling
EM1800	L12(029)(5nos P1) - AVCSS/MOM Kiosk Equipment Installation (5 nos)
EM1821	L12(029)(5nos P1) - XDB installation (5 nos)
EM1822	L12(029)(5nos P1) - ODB installation (4 nos)
EM1823	L12(029)(5nos P1) - ODB installation (1 nos)
EM1840	L12(029)(5nos P1) - AIOP Installation (5 nos)
Location 13(Outbd Private Car Kiosks (030)) - 9 nos (Phase 1)	
EM2520	L13(030)(9nos P1) - Cable Containment in Kiosks
EM2540	L13(030)(9nos P1) - Cable Laying and termination
EM2560	L13(030)(9nos P1) - Cable Splicing and Testing and Labeling
EM2580	L13(030)(9nos P1) - AVCSS/MOM Kiosk Equipment Installation (9 nos)
EM2601	L13(030)(9nos P1) - XDB installation (9 nos)
EM2602	L13(030)(9nos P1) - ODB installation (7 nos)
Location 14(Future-Outbd/Inbd Private Car Kiosks) - 6+6 nos	
EM1440	L14 - Cable Laying and termination at ELV Room in CUE
Location 15(Inbd Traffic Control Kiosk (100))	
Location 16(Outbd Traffic Control Kiosk (101))	
EM2760	L16(101) - Cable Laying and termination
EM2780	L16(101) - Cable Splicing and Testing and Labeling
EM2800	L16(101) - AVCSS SYSCON and SURCON Installation
EM2820	L16(101) - VTS WS and 55" LCD Installation
Location 17(Inbd Private Car Exam Bldg(033) Operational Office)	
Location 18 (Outbd Private Car Exam Bldg(024) Operational Office)	
EM2940	L18(024) - Cable Laying and termination
EM2960	L18(024) - Cable Splicing and Testing and Labeling
EM2980	L18(024) - AVCSS SURCON and 55" LCD Installation
EM3000	L18(024) - SURCON Tuning
Location 19 (DOH Cargo Clearance Bldg(043))	
EM1360	L19(043) - Cable Laying and termination
EM1380	L19(043) - Cable Splicing and Testing and Labeling
EM1400	L19(043) - PA and Intercom Installation
EM1420	L19(043) - PA and Intercom Tuning
Inbd Vehicle Clearance Plaza - 8 nos VID, 7 nos VTS, 4 nos TLS	
EM3020	Inbound VID cabling from pillar box to VID field equipment
EM3040	Inbound VTS cabling from pillar box to VTS field equipment
EM3060	Inbound TLS cabling from pillar box to TLS field equipment
EM3080	Inbound VID field equipment installation (8 VID)
EM3100	Inbound VTS field equipment installation (4 RFID + 3 Cameras)
EM3120	Inbound TLS field equipment installation (4 TLS)
EM3140	Inbound VID and VTS and TLS field equipment tuning



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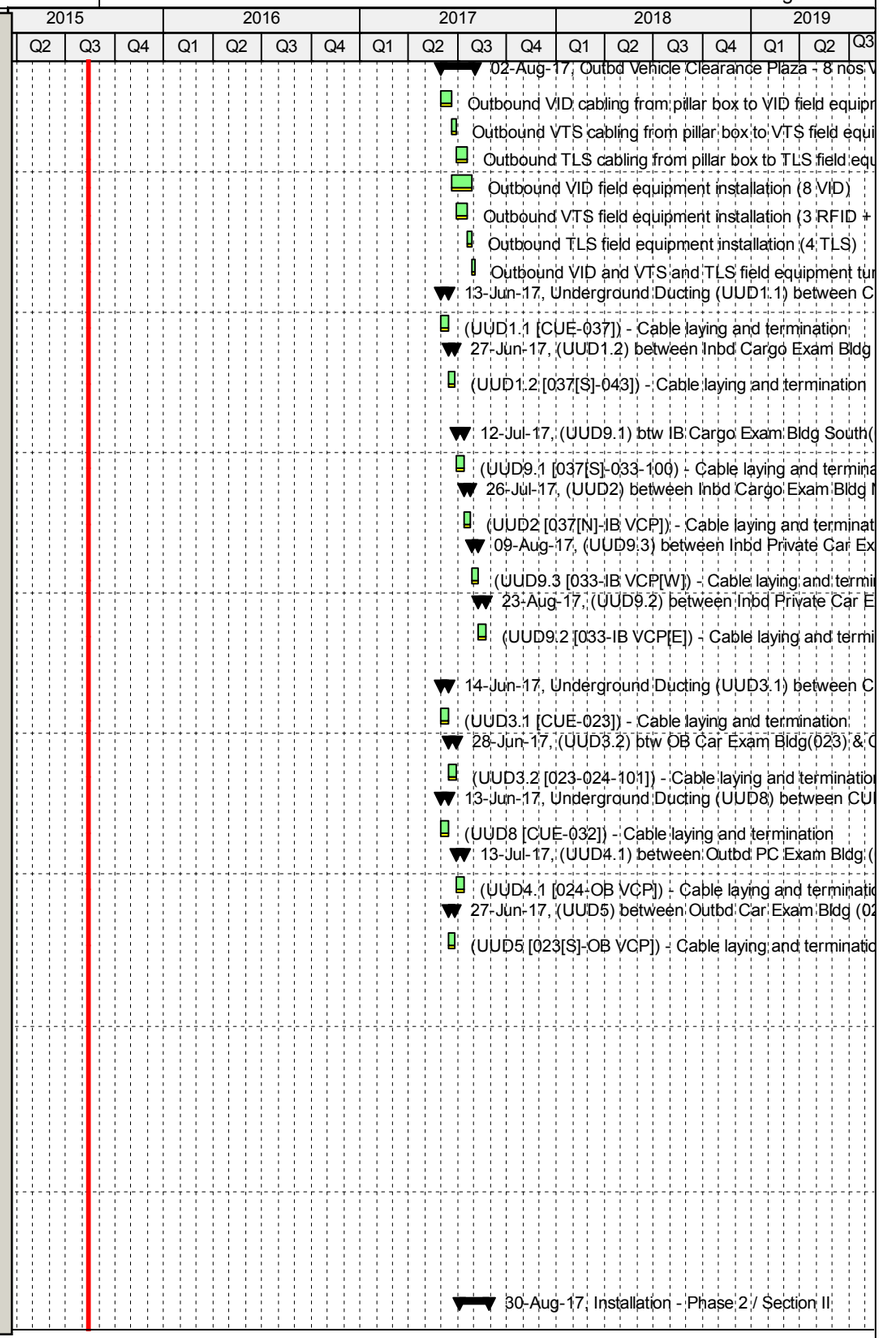
Activity ID	Activity Name
	Outbd Vehicle Clearance Plaza - 8 nos VID, 6 nos VTS, 4 nos TLS
EM3160	Outbound VID cabling from pillar box to VID field equipment
EM3180	Outbound VTS cabling from pillar box to VTS field equipment
EM3200	Outbound TLS cabling from pillar box to TLS field equipment
EM3220	Outbound VID field equipment installation (8 VID)
EM3240	Outbound VTS field equipment installation (3 RFID + 3 Cameras)
EM3260	Outbound TLS field equipment installation (4 TLS)
EM3280	Outbound VID and VTS and TLS field equipment tuning
	Underground Ducting (UUD1.1) between CUE and Inbd Cargo Exam Bldg (037)
UD1000	(UUD1.1 [CUE-037]) - Cable laying and termination
	(UUD1.2) between Inbd Cargo Exam Bldg South (037[S]) and DOH Cargo Clearance Bl
UD1060	(UUD1.2 [037[S]-043]) - Cable laying and termination
	Underground Ducting (UUD6) between CUE and Shuttle Bus Kiosk (006) and Inbd Priv
	(UUD9.1) btw IB Cargo Exam Bldg South(037[S]) & IB PC Exam Bldg(033) & IB Traffic
UD1040	(UUD9.1 [037[S]-033-100) - Cable laying and termination
	(UUD2) between Inbd Cargo Exam Bldg North (037[N]) to Inbd VCP
UD1010	(UUD2 [037[N]-IB VCP]) - Cable laying and termination
	(UUD9.3) between Inbd Private Car Exam Bldg (033) and Inbd Vehicle Clearance Plaza
UD1070	(UUD9.3 [033-IB VCP[W]) - Cable laying and termination
	(UUD9.2) between Inbd Private Car Exam Bldg (033) and Inbd Vehicle Clearance Plaza
UD1020	(UUD9.2 [033-IB VCP[E]) - Cable laying and termination
	Underground Ducting (UUD7) between PCB(001) and Inbd Coach Kiosks(010)
	Underground Ducting (UUD3.1) between CUE and Outbd Cargo Exam Bldg (023)
UD1030	(UUD3.1 [CUE-023]) - Cable laying and termination
	(UUD3.2) btw OB Car Exam Bldg(023) & OB PC Exam Bldg(024) & OB Traffic Control I
UD1050	(UUD3.2 [023-024-101]) - Cable laying and termination
	Underground Ducting (UUD8) between CUE and Outbd PCA (032)
UD1100	(UUD8 [CUE-032]) - Cable laying and termination
	(UUD4.1) between Outbd PC Exam Bldg (024) and Outbd Vehicle Clearance Plaza
UD1080	(UUD4.1 [024-OB VCP]) - Cable laying and termination
	(UUD5) between Outbd Car Exam Bldg (023[S]) and Outbd Vehicle Clearance Plaza
UD1090	(UUD5 [023[S]-OB VCP]) - Cable laying and termination
	Initial On-Site Test and Commissioning / Pre-SAT (Phase 1 / Section I)
	Site Acceptance Test (Phase 1 / Section I)
	Security Risk Assessment and Audit
	Operability Period Test (Phase 1 / Section I)
	Completion (Phase 1 /Section I)
	Training and Document (Phase 1 /Section I)
	Operation (Phase 1 /Section I)
	Engineering Support for Phase 1 / Section I
	Procurement - Phase 2 / Section II
	Delivery and Bench Acceptance Test for Phase 2/Section II
	Installation - Phase 2 / Section II



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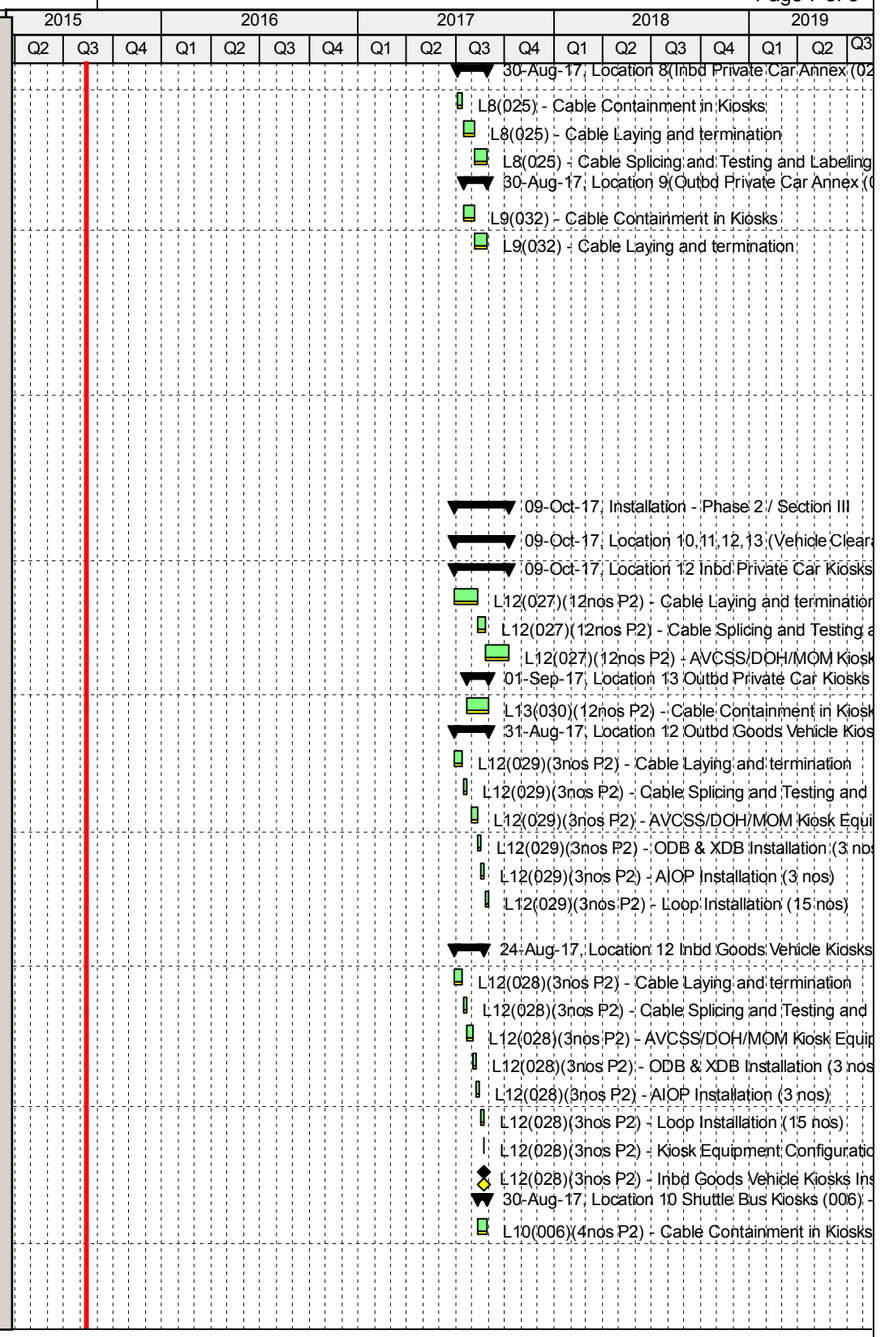
Activity ID	Activity Name
	Location 8(Inbd Private Car Annex (025)) (Phase 2)
EM3370	L8(025) - Cable Containment in Kiosks
EM3380	L8(025) - Cable Laying and termination
EM3400	L8(025) - Cable Splicing and Testing and Labeling
	Location 9(Outbd Private Car Annex (032)) (Phase 2)
EM3500	L9(032) - Cable Containment in Kiosks
EM3520	L9(032) - Cable Laying and termination
	Initial On-Site Test and Commissioning / Pre-SAT (Phase 2 / Section II)
	Site Acceptance Test (Phase 2 / Section II)
	Operability Period Test (Phase 2 / Section II)
	Completion (Phase 2 / Section II)
	Engineering Support for Phase 2 / Section II
	Procurement for Phase2 / Section III
	Delivery and Bench Acceptance Test for Phase2 / Section III
	Installation - Phase 2 / Section III
	Location 10,11,12,13 (Vehicle Clearance Kiosks)
	Location 12 Inbd Private Car Kiosks (027) - 12 nos (Phase 2)
EM4440	L12(027)(12nos P2) - Cable Laying and termination
EM4460	L12(027)(12nos P2) - Cable Splicing and Testing and Labeling
EM4480	L12(027)(12nos P2) - AVCSS/DOH/MOM Kiosk Equipment Installation (12 nos)
	Location 13 Outbd Private Car Kiosks (030) - 12 nos (Phase 2)
EM4560	L13(030)(12nos P2) - Cable Containment in Kiosks
	Location 12 Outbd Goods Vehicle Kiosks (029) - 3 nos (Phase 2)
EM4880	L12(029)(3nos P2) - Cable Laying and termination
EM4900	L12(029)(3nos P2) - Cable Splicing and Testing and Labeling
EM4920	L12(029)(3nos P2) - AVCSS/DOH/MOM Kiosk Equipment Installation (3 nos)
EM4940	L12(029)(3nos P2) - ODB & XDB Installation (3 nos)
EM4960	L12(029)(3nos P2) - AIOP Installation (3 nos)
EM4980	L12(029)(3nos P2) - Loop Installation (15 nos)
	Location 11 Outbd Coach Kiosks (009) - 4 nos (Phase 2)
	Location 12 Inbd Goods Vehicle Kiosks (028) - 3 nos (Phase 2)
EM4720	L12(028)(3nos P2) - Cable Laying and termination
EM4740	L12(028)(3nos P2) - Cable Splicing and Testing and Labeling
EM4760	L12(028)(3nos P2) - AVCSS/DOH/MOM Kiosk Equipment Installation (3 nos)
EM4780	L12(028)(3nos P2) - ODB & XDB Installation (3 nos)
EM4800	L12(028)(3nos P2) - AIOP Installation (3 nos)
EM4820	L12(028)(3nos P2) - Loop Installation (15 nos)
EM4840	L12(028)(3nos P2) - Kiosk Equipment Configuration (3 nos)
EM5120	L12(028)(3nos P2) - Inbd Goods Vehicle Kiosks Installation Complete
	Location 10 Shuttle Bus Kiosks (006) - 4 nos (Phase 2)
EM4000	L10(006)(4nos P2) - Cable Containment in Kiosks
	Location 11 Inbd Coach Kiosks (010) - 2 nos (Phase 2)-1
	Location 11 Inbd Coach Kiosks (010) - 2 nos (Phase 2)-2
	Initial On-Site Test and Commissioning / Pre-SAT (Phase 2 / Section III)



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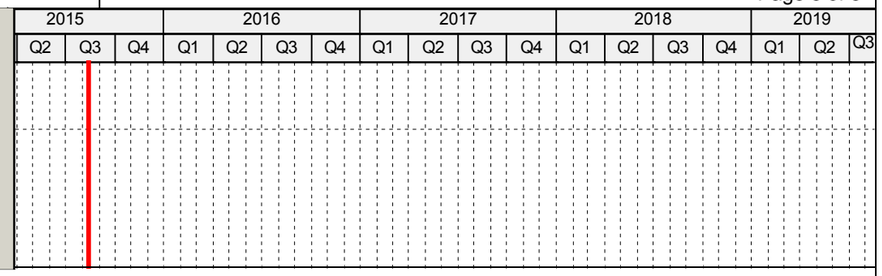
Activity ID	Activity Name
	Site Acceptance Test (Phase 2 / Section III)
	Operability Period Test (Phase 2 / Section III)
	Completion (Phase 2 / Section III)
	Operation (Phase 2 / Section III)
	Defect Liability Period (DLP)
	Document Submission (Phase 2 / Section III)



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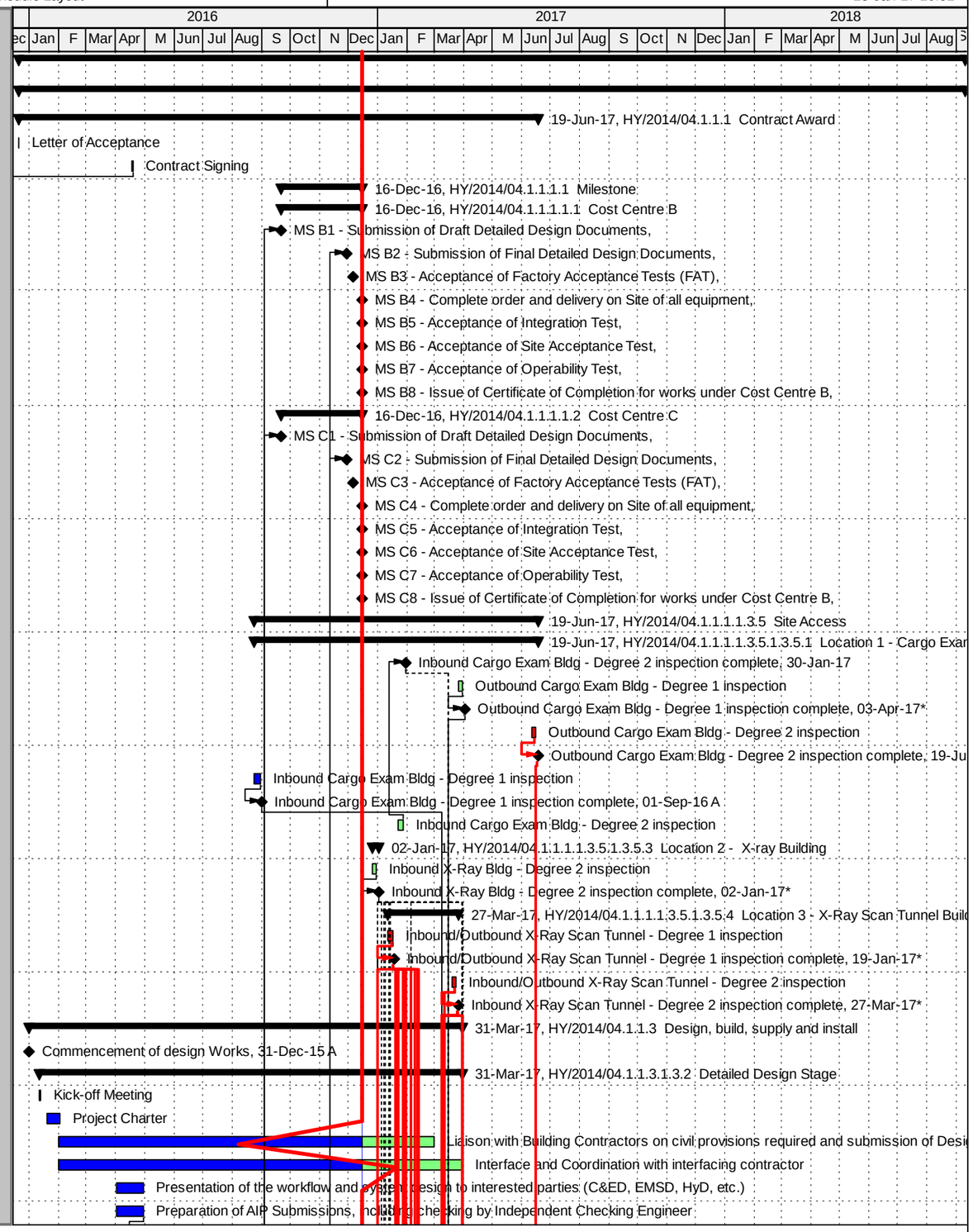
Activity ID	Activity Name
HY/2014/04	**Hong Kong-Zhuhai-Macao Brid**
HY/2014/04.1	**Contract No. HY/2014/04 Hong**
HY/2014/04.1.1.1	**Contract Award**
3	Letter of Acceptance
4	Contract Signing
HY/2014/04.1.1.1.1	**Milestone**
HY/2014/04.1.1.1.1.1	**Cost Centre B**
A1(	MS B1 - Submission of Draft Detailed Design Do
A1(	MS B2 - Submission of Final Detailed Design Do
A1(	MS B3 - Acceptance of Factory Acceptance Test
A1(	MS B4 - Complete order and delivery on Site of a
A1(	MS B5 - Acceptance of Integration Test
A1(	MS B6 - Acceptance of Site Acceptance Test
A1(	MS B7 - Acceptance of Operability Test
A1(	MS B8 - Issue of Certificate of Completion for wc
HY/2014/04.1.1.1.1.2	**Cost Centre C**
A1(	MS C1 - Submission of Draft Detailed Design Do
A11	MS C2 - Submission of Final Detailed Design Do
A11	MS C3 - Acceptance of Factory Acceptance Tes
A11	MS C4 - Complete order and delivery on Site of a
A11	MS C5 - Acceptance of Integration Test
A11	MS C6 - Acceptance of Site Acceptance Test
A11	MS C7 - Acceptance of Operability Test
A11	MS C8 - Issue of Certificate of Completion for wc
HY/2014/04.1.1.1.1.3.5	**Site Access**
HY/2014/04.1.1.1.1.3.5.1.3.5.1	**Location 1 - Cargo Exa**
100	Inbound Cargo Exam Bldg - Degree 2 inspection
102	Outbound Cargo Exam Bldg - Degree 1 inspection
103	Outbound Cargo Exam Bldg - Degree 1 inspectic
104	Outbound Cargo Exam Bldg - Degree 2 inspection
105	Outbound Cargo Exam Bldg - Degree 2 inspectic
97	Inbound Cargo Exam Bldg - Degree 1 inspection
98	Inbound Cargo Exam Bldg - Degree 1 inspection
99	Inbound Cargo Exam Bldg - Degree 2 inspection
HY/2014/04.1.1.1.1.3.5.1.3.5.3	**Location 2 - X-ray Buil**
107	Inbound X-Ray Bldg - Degree 2 inspection
108	Inbound X-Ray Bldg - Degree 2 inspection comp
HY/2014/04.1.1.1.1.3.5.1.3.5.4	**Location 3 - X-Ray Scar**
110	Inbound/Outbound X-Ray Scan Tunnel - Degree
111	Inbound/Outbound X-Ray Scan Tunnel - Degree
112	Inbound/Outbound X-Ray Scan Tunnel - Degree
113	Inbound X-Ray Scan Tunnel - Degree 2 inspectic
HY/2014/04.1.1.3	**Design, build, supply and install**
28	Commencement of design Works
HY/2014/04.1.1.3.1.3.2	**Detailed Design Stage**
30	Kick-off Meeting
31	Project Charter
32	Liaison with Building Contractors on civil provisio
33	Interface and Coordination with interfacing contra
35	Presentation of the workflow and system design
36	Preparation of AIP Submissions, including checki



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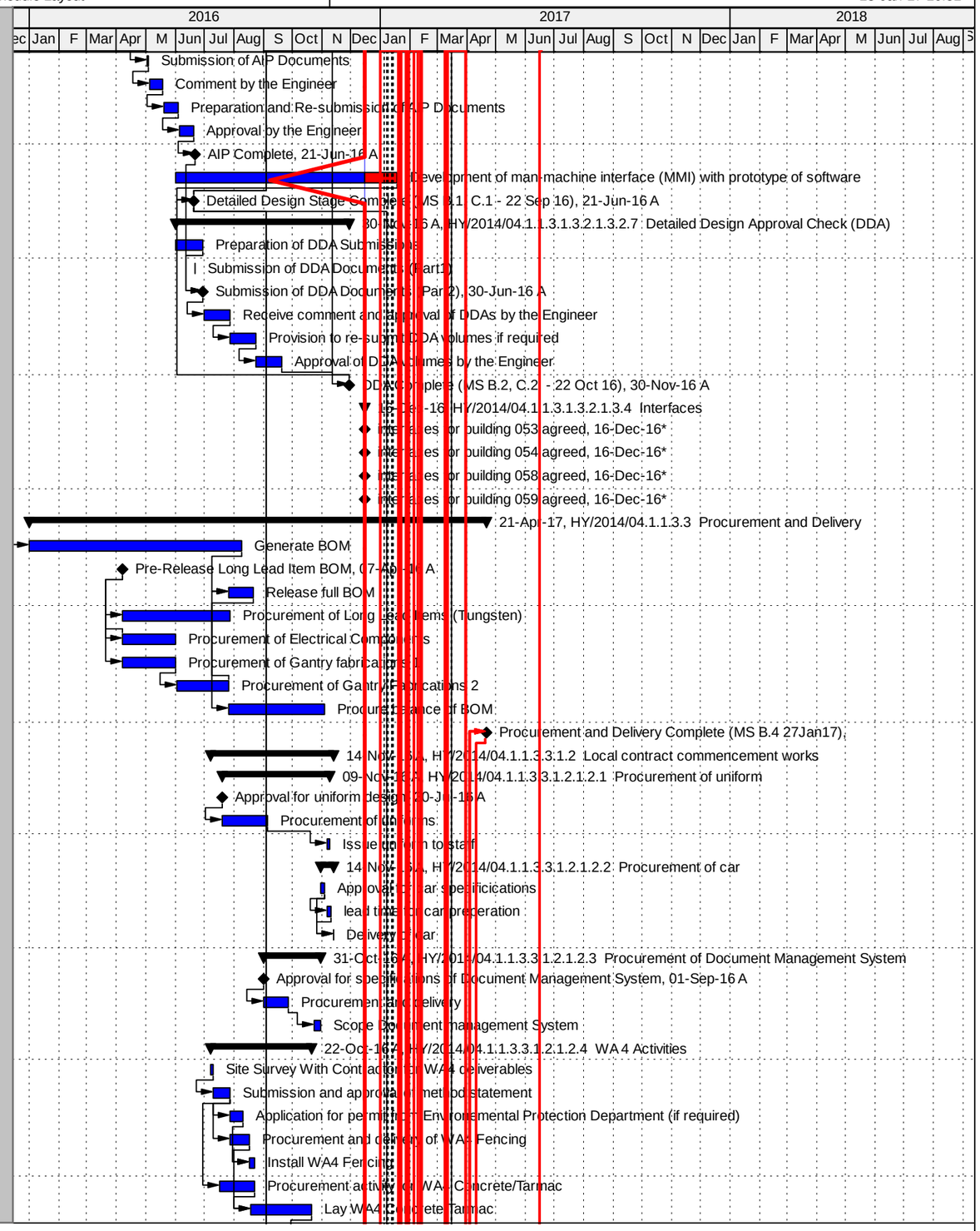
Activity ID	Activity Name
37	Submission of AIP Documents
38	Comment by the Engineer
39	Preparation and Re-submission of AIP Documents
40	Approval by the Engineer
41	AIP Complete
42	Development of man-machine interface (MMI) wi
51	Detailed Design Stage Complete (MS B.1, C.1 - 2
HY/2014/04.1.1.3.1.3.2.1.3.2.7 Detailed Design Approv	
44	Preparation of DDA Submissions
45	Submission of DDA Documents (Part1)
46	Submission of DDA Documents (Part2)
47	Receive comment and approval of DDAs by the I
48	Provision to re-submit DDA volumes if required
49	Approval of DDA volumes by the Engineer
50	DDA Complete (MS B.2, C.2 - 22 Oct 16)
HY/2014/04.1.1.3.1.3.2.1.3.4 Interfaces	
91	interfaces for building 053 agreed
92	interfaces for building 054 agreed
93	interfaces for building 058 agreed
94	interfaces for building 059 agreed
HY/2014/04.1.1.3.3 Procurement and Delivery	
53	Generate BOM
54	Pre-Release Long Lead Item BOM
55	Release full BOM
56	Procurement of Long Lead Items (Tungsten)
57	Procurement of Electrical Components
58	Procurement of Gantry fabrications 1
59	Procurement of Gantry Fabrications 2
60	Procure balance of BOM
89	Procurement and Delivery Complete (MS B.4 27,
HY/2014/04.1.1.3.3.1.2 Local contract commencement w	
HY/2014/04.1.1.3.3.1.2.1.2.1 Procurement of uniform	
7	Approval for uniform design
8	Procurement of uniforms
9	Issue uniform to staff
HY/2014/04.1.1.3.3.1.2.1.2.2 Procurement of car	
11	Approval for car specificications
12	lead time for car preperation
13	Delivery of car
HY/2014/04.1.1.3.3.1.2.1.2.3 Procurement of Docume	
15	Approval for specifications of Document Manage
16	Procurement and delivery
17	Scope Document management System
HY/2014/04.1.1.3.3.1.2.1.2.4 WA 4 Activities	
19	Site Survey With Contractor for WA4 deliverables
20	Submission and approval of method statement
21	Application for permit from Environemental Prote
22	Procurement and delivery of WA4 Fencing
23	Install WA4 Fencing
24	Procurement activity for WA4 Concrete/Tarmac
25	Lay WA4 Concrete/Tarmac



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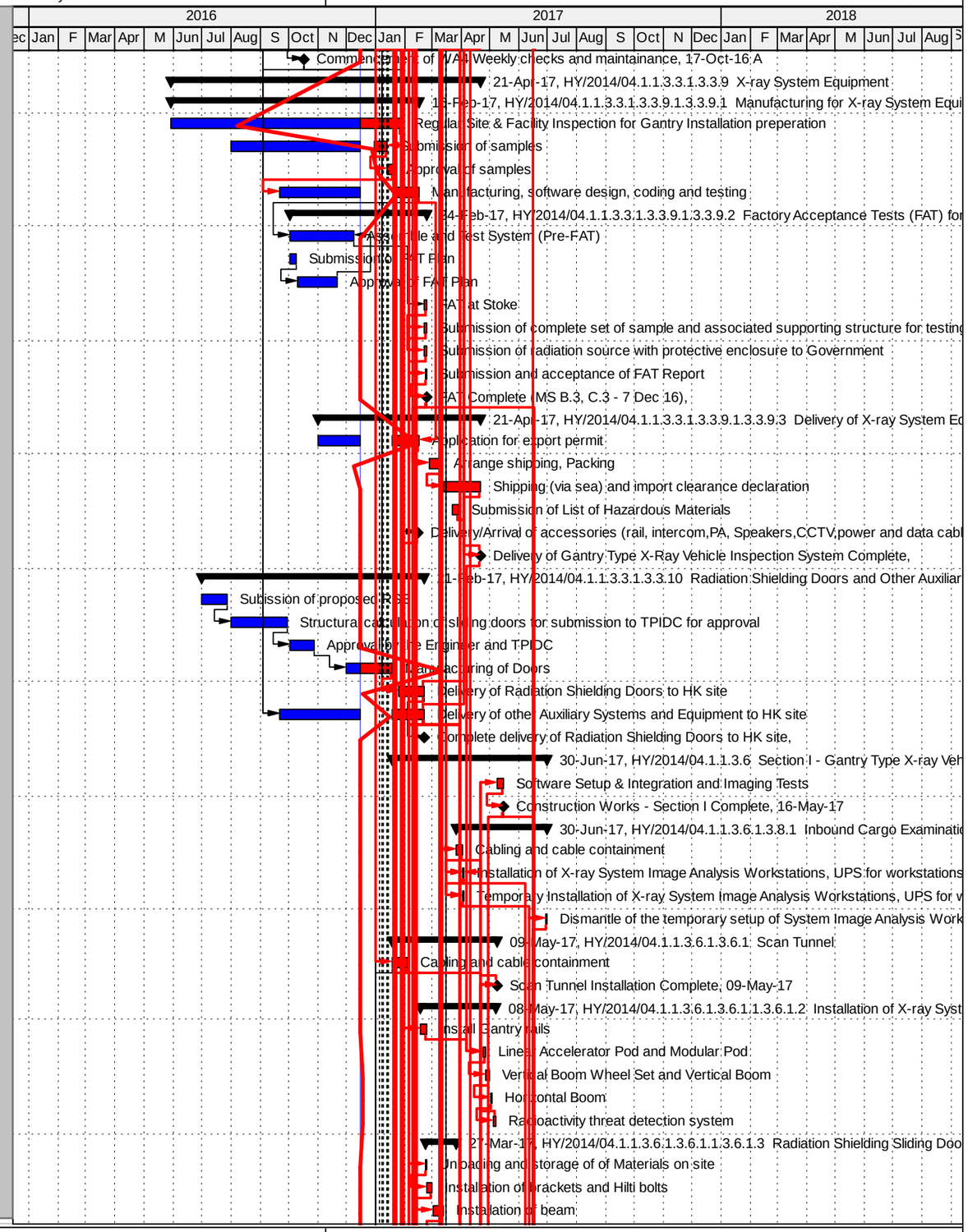
Activity ID	Activity Name
26	Commencement of WA4 Weekly checks and ma
HY/2014/04.1.1.3.3.1.3.3.9	X-ray System Equipment
HY/2014/04.1.1.3.3.1.3.3.9.1.3.3.9.1	Manufacturing for
63	Regular Site & Facility Inspection for Gantry Insta
64	Submission of samples
65	Approval of samples
66	Manufacturing, software design, coding and testing
HY/2014/04.1.1.3.3.1.3.3.9.1.3.3.9.2	Factory Acceptan
68	Assemble and Test System (Pre-FAT)
69	Submission of FAT Plan
69.5	Approval of FAT Plan
70	FAT at Stoke
71	Submission of complete set of sample and asso
72	Submission of radiation source with protective er
73	Submission and acceptance of FAT Report
74	FAT Complete (MS B.3, C.3 - 7 Dec 16)
HY/2014/04.1.1.3.3.1.3.3.9.1.3.3.9.3	Delivery of X-ray S
76	Application for export permit
77	Arrange shipping, Packing
78	Shipping (via sea) and import clearance declaratio
79	Submission of List of Hazardous Materials
80	Delivery/Arrival of accessories (rail, intercom,PA,
81	Delivery of Gantry Type X-Ray Vehicle Inspectior
HY/2014/04.1.1.3.3.1.3.3.10	Radiation Shielding Doors a
83	Subission of proposed RSE
84	Structural calculation of sliding doors for submis
85	Approval by the Engineer and TPIDC
86	Manufacturing of Doors
87	Delivery of Radiation Shielding Doors to HK site
88	Delivery of other Auxiliary Systems and Equipmer
A1000	Complete delivery of Radiation Shielding Doors t
HY/2014/04.1.1.3.6	Section I - Gantry Type X-ray Vehi
212	Software Setup & Integration and Imaging Tests
213	Construction Works - Section I Complete
HY/2014/04.1.1.3.6.1.3.8.1	Inbound Cargo Examination I
315	Cabling and cable containment
316	Installation of X-ray System Image Analysis Work
317	Temporary Installation of X-ray System Image An
318	Dismantle of the temporary setup of System Ima
HY/2014/04.1.1.3.6.1.3.6.1	Scan Tunnel
116	Cabling and cable containment
140	Scan Tunnel Installation Complete
HY/2014/04.1.1.3.6.1.3.6.1.1.3.6.1.2	Installation of X-ra
118	Install Gantry rails
119	Linear Accelerator Pod and Modular Pod
120	Vertical Boom Wheel Set and Vertical Boom
121	Horizontal Boom
122	Radioactivity threat detection system
HY/2014/04.1.1.3.6.1.3.6.1.1.3.6.1.3	Radiation Shieldin
124	Unloading and storage of of Materials on site
125	Installation of brackets and Hilti bolts
126	Installation of beam



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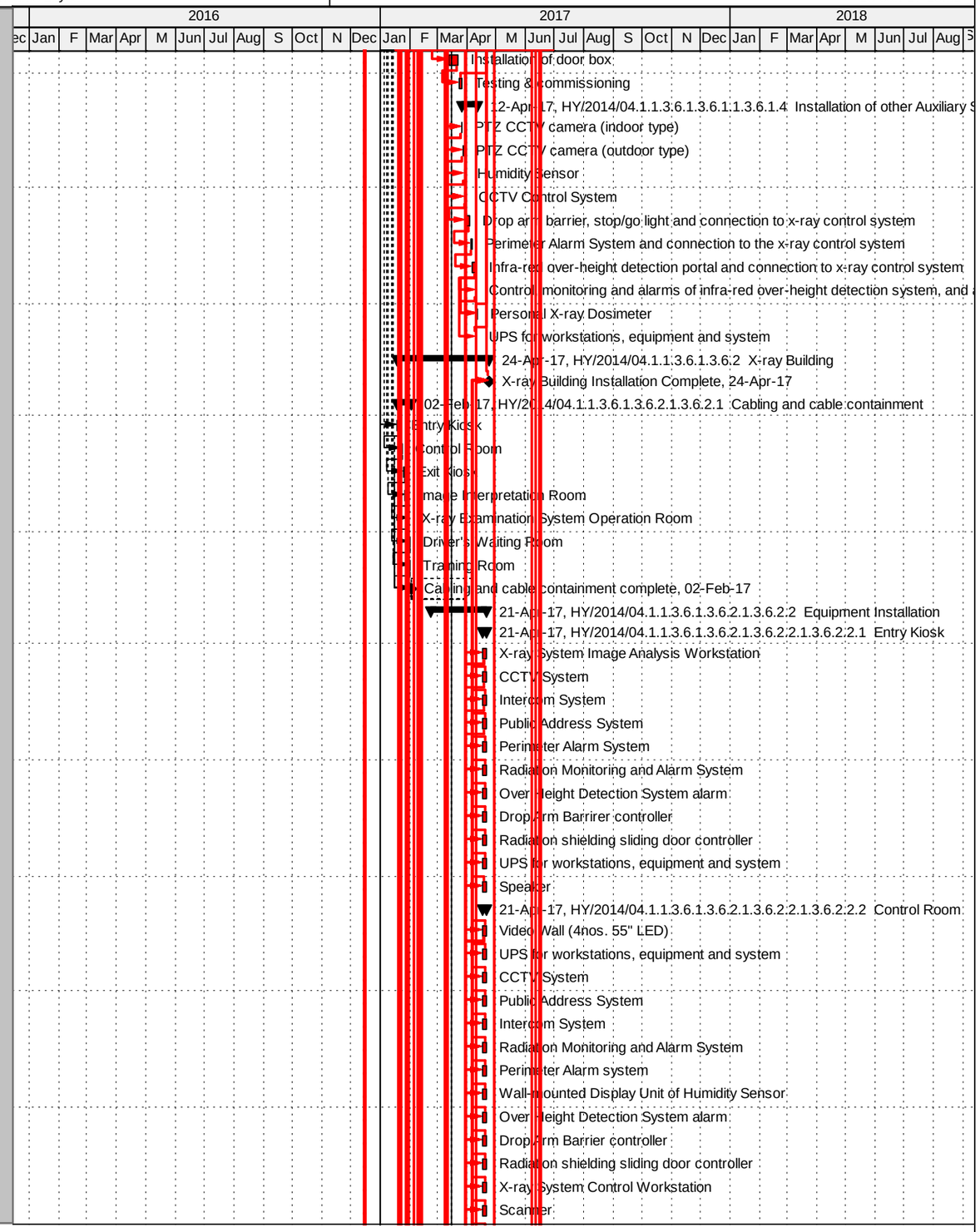
Activity ID	Activity Name
127	Installation of door box
128	Testing & commissioning
HY/2014/04.1.1.3.6.1.3.6.1.1.3.6.1.4	Installation of oth
130	PTZ CCTV camera (indoor type)
131	PTZ CCTV camera (outdoor type)
132	Humidity Sensor
133	CCTV Control System
134	Drop arm barrier, stop/go light and connection to
135	Perimeter Alarm System and connection to the x-
136	Infra-red over-height detection portal and connec
137	Control, monitoring and alarms of infra-red over-
138	Personal X-ray Dosimeter
139	UPS for workstations, equipment and system
HY/2014/04.1.1.3.6.1.3.6.2	X-ray Building
211	X-ray Building Installation Complete
HY/2014/04.1.1.3.6.1.3.6.2.1.3.6.2.1	Cabling and cable
143	Entry Kiosk
144	Control Room
145	Exit Kiosk
146	Image Interpretation Room
147	X-ray Examination System Operation Room
148	Driver's Waiting Room
149	Training Room
150	Cabling and cable containment complete
HY/2014/04.1.1.3.6.1.3.6.2.1.3.6.2.2	Equipment Installa
HY/2014/04.1.1.3.6.1.3.6.2.1.3.6.2.2.1.3.6.2.2.1	Entry
:	X-ray System Image Analysis Workstation
:	CCTV System
:	Intercom System
:	Public Address System
:	Perimeter Alarm System
:	Radiation Monitoring and Alarm System
:	Over Height Detection System alarm
:	Drop Arm Barrirer controller
:	Radiation shielding sliding door controller
:	UPS for workstations, equipment and system
:	Speaker
HY/2014/04.1.1.3.6.1.3.6.2.1.3.6.2.2.1.3.6.2.2.2	Cont
:	Video Wall (4nos. 55" LED)
:	UPS for workstations, equipment and system
:	CCTV System
:	Public Address System
:	Intercom System
:	Radiation Monitoring and Alarm System
:	Perimeter Alarm system
:	Wall-mounted Display Unit of Humidity Sensor
:	Over Height Detection System alarm
:	Drop Arm Barrier controller
:	Radiation shielding sliding door controller
:	X-ray System Control Workstation
:	Scanner



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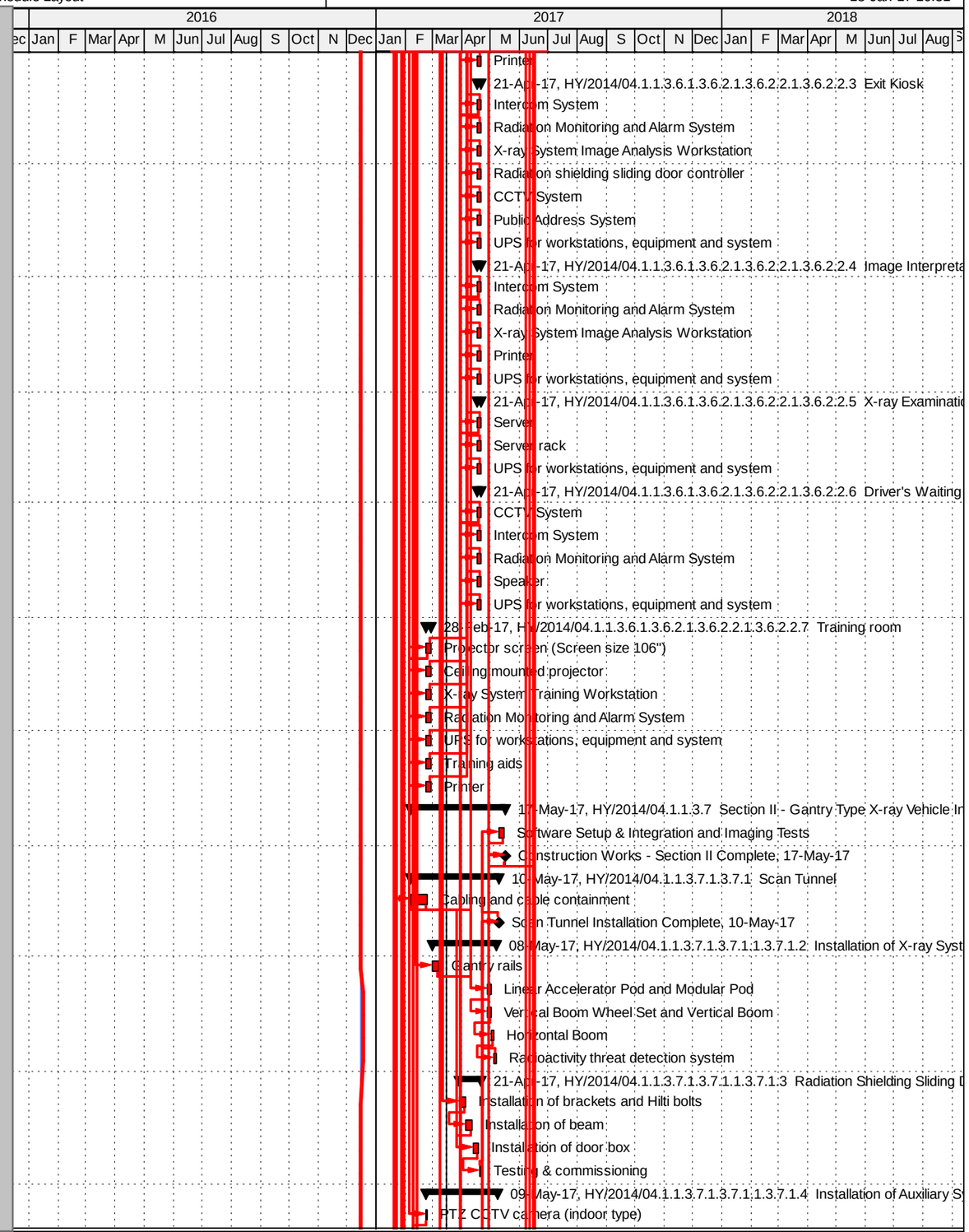
Activity ID	Activity Name
:	Printer
HY/2014/04.1.1.3.6.1.3.6.2.1.3.6.2.2.1.3.6.2.2.3	Exit K
:	Intercom System
:	Radiation Monitoring and Alarm System
:	X-ray System Image Analysis Workstation
:	Radiation shielding sliding door controller
:	CCTV System
:	Public Address System
:	UPS for workstations, equipment and system
HY/2014/04.1.1.3.6.1.3.6.2.1.3.6.2.2.1.3.6.2.2.4	Imag
:	Intercom System
:	Radiation Monitoring and Alarm System
:	X-ray System Image Analysis Workstation
:	Printer
:	UPS for workstations, equipment and system
HY/2014/04.1.1.3.6.1.3.6.2.1.3.6.2.2.1.3.6.2.2.5	X-ray
:	Server
:	Server rack
:	UPS for workstations, equipment and system
HY/2014/04.1.1.3.6.1.3.6.2.1.3.6.2.2.1.3.6.2.2.6	Drive
:	CCTV System
:	Intercom System
:	Radiation Monitoring and Alarm System
:	Speaker
:	UPS for workstations, equipment and system
HY/2014/04.1.1.3.6.1.3.6.2.1.3.6.2.2.1.3.6.2.2.7	Train
:	Projector screen (Screen size 106")
:	Ceilling mounted projector
:	X-ray System Training Workstation
:	Radiation Monitoring and Alarm System
:	UPS for workstations, equipment and system
:	Training aids
:	Printer
HY/2014/04.1.1.3.7	Section II - Gantry Type X-ray Vehi
311	Software Setup & Integration and Imaging Tests
312	Construction Works - Section II Complete
HY/2014/04.1.1.3.7.1.3.7.1	Scan Tunnel
216	Cabling and cable containment
239	Scan Tunnel Installation Complete
HY/2014/04.1.1.3.7.1.3.7.1.1.3.7.1.2	Installation of X-ra
218	Gantry rails
219	Linear Accelerator Pod and Modular Pod
220	Vertical Boom Wheel Set and Vertical Boom
221	Horizontal Boom
222	Radioactivity threat detection system
HY/2014/04.1.1.3.7.1.3.7.1.1.3.7.1.3	Radiation Shieldin
224	Installation of brackets and Hilti bolts
225	Installation of beam
226	Installation of door box
227	Testing & commissioning
HY/2014/04.1.1.3.7.1.3.7.1.1.3.7.1.4	Installation of Aux
229	PTZ CCTV camera (indoor type)



Actual Level of Effort | Remaining Work | ◆◆ Milestone
Actual Work | Critical Remaining Work | summary

TASK filter: All Activities

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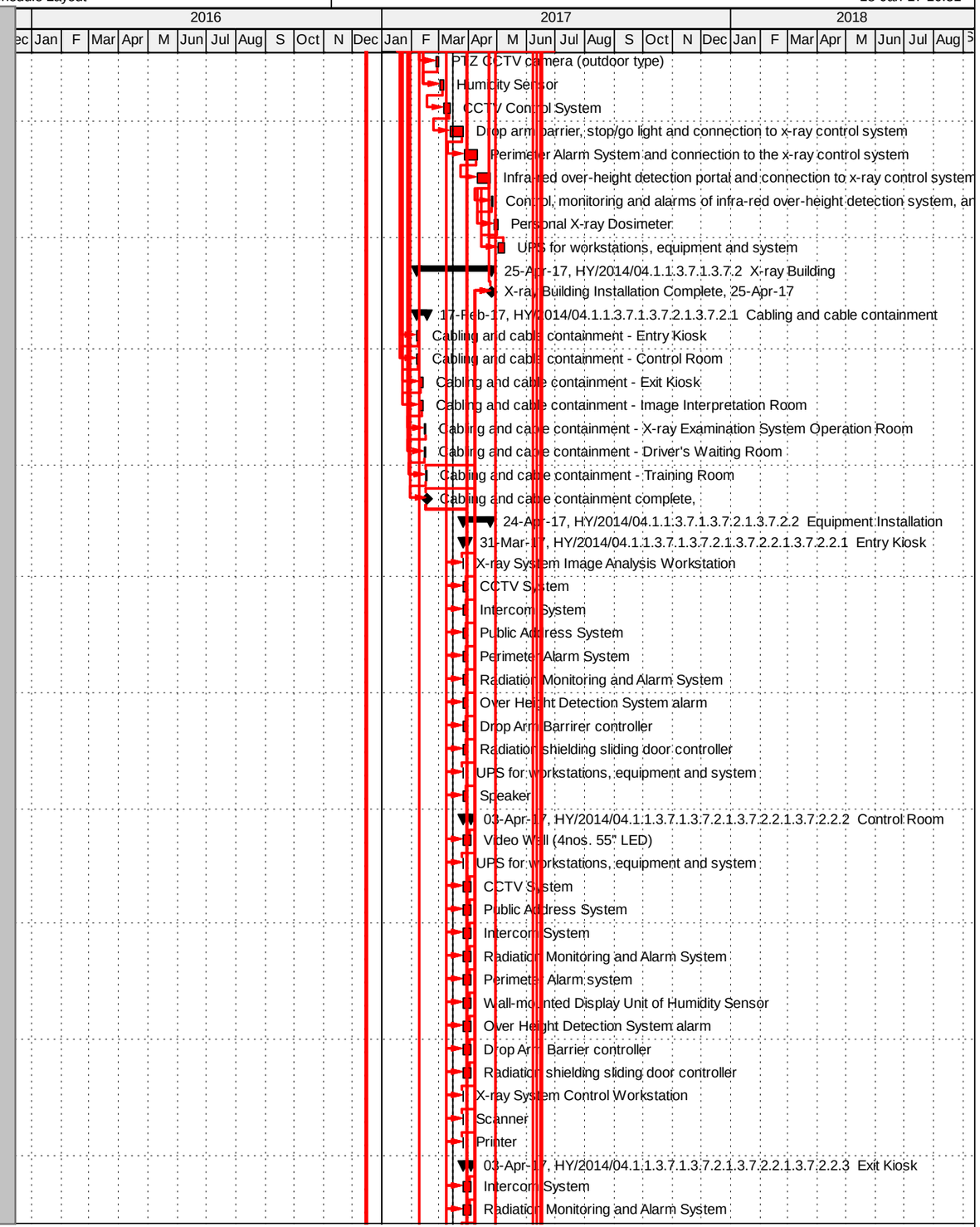
Activity ID	Activity Name
230	PTZ CCTV camera (outdoor type)
231	Humidity Sensor
232	CCTV Control System
233	Drop arm barrier, stop/go light and connection to
234	Perimeter Alarm System and connection to the x-
235	Infra-red over-height detection portal and connec
236	Control, monitoring and alarms of infra-red over-
237	Personal X-ray Dosimeter
238	UPS for workstations, equipment and system
HY/2014/04.1.1.3.7.1.3.7.2 X-ray Building	
310	X-ray Building Installation Complete
HY/2014/04.1.1.3.7.1.3.7.2.1.3.7.2.1 Cabling and cable	
242	Cabling and cable containment - Entry Kiosk
243	Cabling and cable containment - Control Room
244	Cabling and cable containment - Exit Kiosk
245	Cabling and cable containment - Image Interpret
246	Cabling and cable containment - X-ray Examinati
247	Cabling and cable containment - Driver's Waiting
248	Cabling and cable containment - Training Room
249	Cabling and cable containment complete
HY/2014/04.1.1.3.7.1.3.7.2.1.3.7.2.2 Equipment Installa	
HY/2014/04.1.1.3.7.1.3.7.2.1.3.7.2.2.1.3.7.2.2.1 Entry	
2	X-ray System Image Analysis Workstation
2	CCTV System
2	Intercom System
2	Public Address System
2	Perimeter Alarm System
2	Radiation Monitoring and Alarm System
2	Over Height Detection System alarm
2	Drop Arm Barrirer controller
2	Radiation shielding sliding door controller
2	UPS for workstations, equipment and system
2	Speaker
HY/2014/04.1.1.3.7.1.3.7.2.1.3.7.2.2.1.3.7.2.2.2 Cont	
2	Video Wall (4nos. 55" LED)
2	UPS for workstations, equipment and system
2	CCTV System
2	Public Address System
2	Intercom System
2	Radiation Monitoring and Alarm System
2	Perimeter Alarm system
2	Wall-mounted Display Unit of Humidity Sensor
2	Over Height Detection System alarm
2	Drop Arm Barrier controller
2	Radiation shielding sliding door controller
2	X-ray System Control Workstation
2	Scanner
2	Printer
HY/2014/04.1.1.3.7.1.3.7.2.1.3.7.2.2.1.3.7.2.2.3 Exit K	
2	Intercom System
2	Radiation Monitoring and Alarm System



Actual Level of Effort | Remaining Work | ◆◆ Milestone
Actual Work | Critical Remaining Work | summary

TASK filter: All Activities

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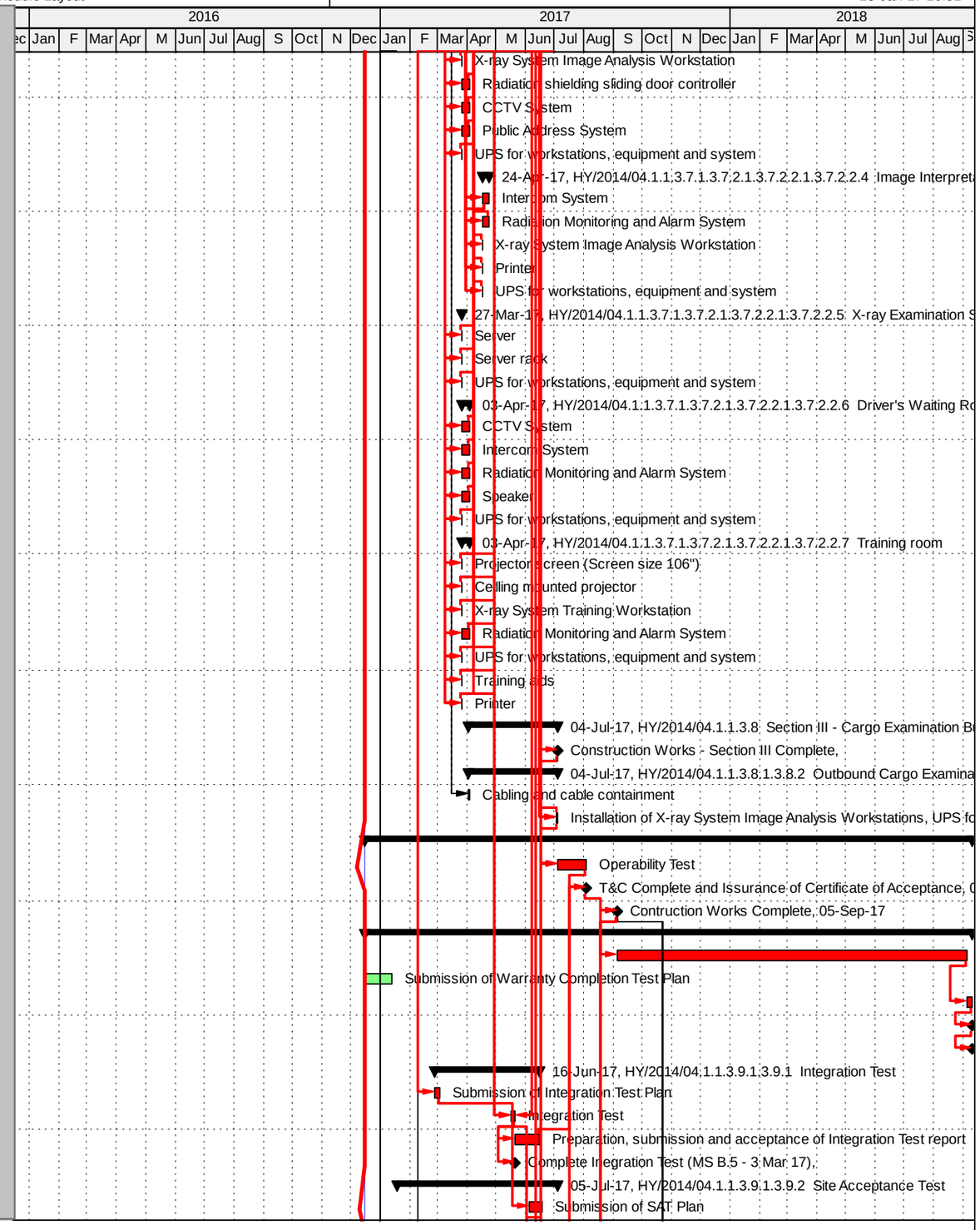
Activity ID	Activity Name
	X-ray System Image Analysis Workstation
	Radiation shielding sliding door controller
	CCTV System
	Public Address System
	UPS for workstations, equipment and system
HY/2014/04.1.1.3.7.1.3.7.2.1.3.7.2.2.1.3.7.2.2.4 Imag	
	Intercom System
	Radiation Monitoring and Alarm System
	X-ray System Image Analysis Workstation
	Printer
	UPS for workstations, equipment and system
HY/2014/04.1.1.3.7.1.3.7.2.1.3.7.2.2.1.3.7.2.2.5 X-ray	
	Server
	Server rack
	UPS for workstations, equipment and system
HY/2014/04.1.1.3.7.1.3.7.2.1.3.7.2.2.1.3.7.2.2.6 Drive	
	CCTV System
	Intercom System
	Radiation Monitoring and Alarm System
	Speaker
	UPS for workstations, equipment and system
HY/2014/04.1.1.3.7.1.3.7.2.1.3.7.2.2.1.3.7.2.2.7 Train	
	Projector screen (Screen size 106")
	Ceilling mounted projector
	X-ray System Training Workstation
	Radiation Monitoring and Alarm System
	UPS for workstations, equipment and system
	Training aids
	Printer
HY/2014/04.1.1.3.8 Section III - Cargo Examination Bu	
322	Construction Works - Section III Complete
HY/2014/04.1.1.3.8.1.3.8.2 Outbound Cargo Examinatior	
320	Cabling and cable containment
321	Installation of X-ray System Image Analysis Work
HY/2014/04.1.1.3.9 On-Site Testing & Commissioning	
335	Operability Test
336	T&C Complete and Issurance of Certificate of Ac
345	Contruction Works Complete
HY/2014/04.1.1.3.9.1.3.10 Defect Liability Period for Con	
359	Defect Liability Period
360	Submission of Warranty Completion Test Plan
361	Warranty Completion Test
362	DLP Complete and issuance of Defect Laibility C
363	Commencement of Maintenance Services
HY/2014/04.1.1.3.9.1.3.9.1 Integration Test	
325	Submission of Integration Test Plan
326	Integration Test
327	Preparation, submission and acceptance of Inte
327.5	Complete Inegration Test (MS B.5 - 3 Mar 17)
HY/2014/04.1.1.3.9.1.3.9.2 Site Acceptance Test	
329	Submission of SAT Plan



Actual Level of Effort | Remaining Work | ◆◆ Milestone
Actual Work | Critical Remaining Work | summary

TASK filter: All Activities

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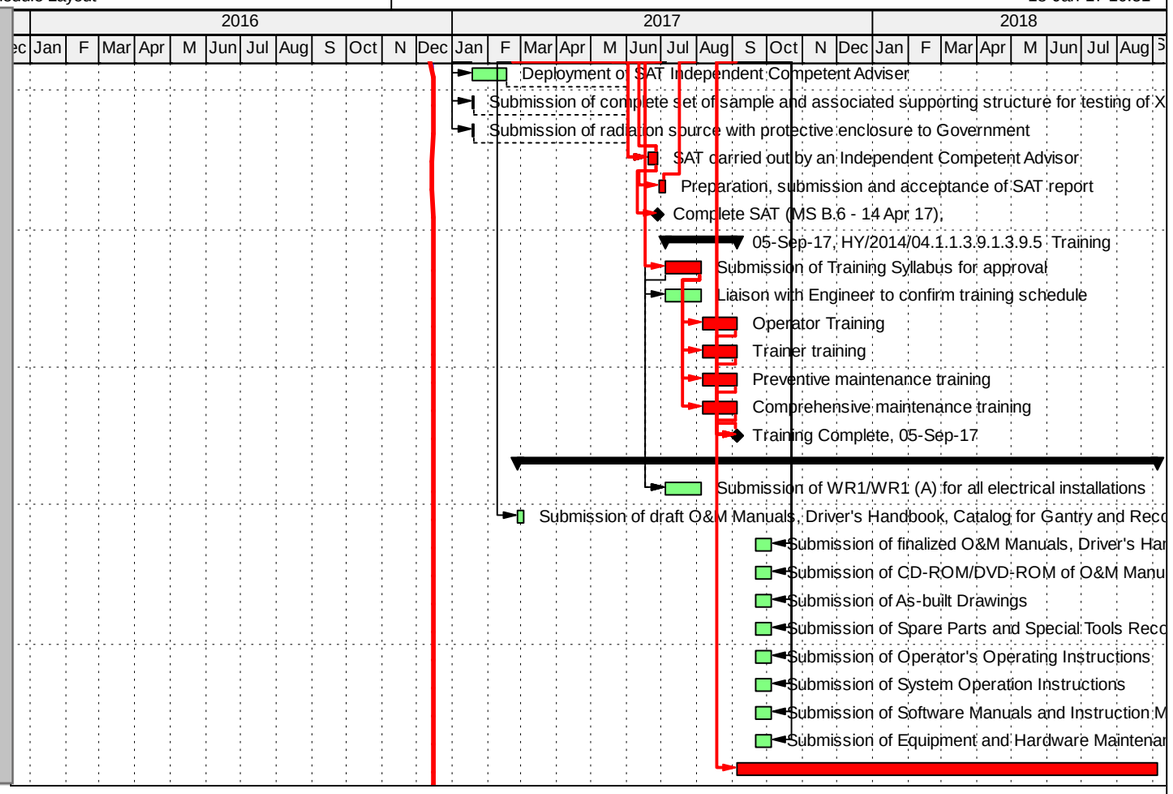
Activity ID	Activity Name
330	Deployment of SAT Independent Competent Advi
331	Submission of complete set of sample and asso
332	Submission of radiation source with protective er
333	SAT carried out by an Independent Competent A
334	Preparation, submission and acceptance of SAT
334.5	Complete SAT (MS B.6 - 14 Apr 17)
HY/2014/04.1.1.3.9.1.3.9.5 Training	
338	Submission of Training Syllabus for approval
339	Liaison with Engineer to confirm training schedule
340	Operator Training
341	Trainer training
342	Preventive maintenance training
343	Comprehensive maintenance training
344	Training Complete
HY/2014/04.1.1.3.9.1.3.9.7 Other Documentation	
347	Submission of WR1/WR1 (A) for all electrical ins
348	Submission of draft O&M Manuals, Driver's Han
349	Submission of finalized O&M Manuals, Driver's H
350	Submission of CD-ROM/DVD-ROM of O&M Ma
351	Submission of As-built Drawings
352	Submission of Spare Parts and Special Tools Re
353	Submission of Operator's Operating Instructions
354	Submission of System Operation Instructions
355	Submission of Software Manuals and Instruction
356	Submission of Equipment and Hardware Mainter
357	Submission of Software License Installation Disk



Actual Level of Effort | Remaining Work | Milestone
Actual Work | Critical Remaining Work | summary

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