

	act No. 17/8002 Lamma Power Station Extension Civil and Building Works			17-8002 Master Prog Rev 3		Refer to CEM dated 26March
Т	ask Name	Duration	2021	Jul	Aug	Sep
	Section I - (i) 275kV cable trenching works connecting the 275kV Switching Station Extension and L11 MSB at Area E9 (B)	0 days		oui	Aug	ССР
	Section I - (ii) Interconnector 2 Trench Modification Works at Area E10	0 days				
+	Section J - (i) Demolition of Retractable Cover A&B & (ii) Foundation of	0 days	4 and A&A f	for Existing Bund Wall at Area E21		
	LMX Light Oil Storage Tank Nos. 3 & 4 and A&A for Existing Bund Wall at	o days		<b>-</b>		
,	Section K1 - External works at Area 15 (E) and 15(F)	0 days				
	Section K1 - External works at Area 15 (E) and 15 (T) Section K2 - Removal of Southern Bund and External Works at Area D5, D6	0 days	Ι Works at Δ	Area D5, D6 and D7		
	and D7	0 days				
1	Section K3 - All remaining works shall be completed for reporting completion to BD and ready for OP inspection	0 days				Section K3 - A
2	General & Preliminary	318 days				
	Set up Temporary Site Office and Utilities	90 days				
1	Permit Applications & Statuary Submissions	120 days				
,	Existing Utilities scanning & Excavation Permit	45 days				
	Tower Crane erection 2@MSB, 1@ 275	50 days				
	Submission and Approval	554 days				
	Method Statement / Temp Work Submission & Approval from HEC for General Works	240 days				
+	BD Approval & Consent (If required)	120 days				
	BIM Model, CSD & CBWD Submission & Approval from HEC	200 days	-			
+			-			
+	Structure Steelwork Connection Design Submission & BD Approval	60 days	_			
_	Structure Steelwork Shop Drawing & Approval	60 days				
+	Metal Cladding, louvre & windows submission & BD Approval	60 days	_			
	Metal Cladding, louvre & windows shop drawing submission	60 days				
	Order, Off Site Fabrication and Delivery (S. Steel & Cladding & louvres)	180 days				
_	Retractable Cover D BD Submission & Approval	90 days				
	No. 4 C.W. Outfall A&A BD 1st Submission	90 days				
	Sumission & Approval of Steel Flue Assessment Report and Design Drawings	60 days				
	Submission and Approval of Steel Flue Design from BD	60 days				
)	Material Fabrication & Delivery for L11 Flue	100 days				
	Folding Shutters Shop Drawing Submission & Approval	120 days				
	Fabrication & Delivery of Folding Shutters	150 days				
	Sewage Pump System Design submission & approval	90 days				
	Fabrication & Delivery of Sewage Pump	180 days				
	Other material submission & approval & delivery	300 days				
	Coordination with the Employer's Specialist Contractors	478 days				
	Installation of Puddle Pipes at C.W. outlet Culvert	7 days				
	Installation of Puddle Pipes at C.W. Inlet Culvert	7 days				
+	Template setting at L11 Turbo Block Foundation	60 days				
+	Template setting at LTT Turbo Block Foundation  Template setting of holding down bolts at HRSG column base	46 days	-			
	I-beam / channel base installation on top of transformer foundations at Transformer Area	30 days				
	Overhead crane erection at turbine hall using access through a temporary opening at L11 MSB roof between GL11-G to 11-H and 11-2 to 11-6	36 days				
<b>B</b>	Condenser assembly and erection using access through a temporary façade opening at L11 MSB below 1/F along GL 11-6 from GL11-B to 11-C including a clear space below 1/F between GL 11-B to 11-C	127 days				
	Installation of power train equipment including air inlet duct using access through a temporary façade opening at L11 MSB below 1/F along GL 11-6 from GL11-F to 11-H including a clear space below 1/F of the above area	142 days				
i	Installation of embedded materials such as holding down bolts for equipment foundations - Commencement	30 days				
'	Section A1 & A2 - Ground treatment at Zone 1A & 1B  Plant establishment for earthworks	<b>92 days</b> 7 days				
+	Backfilling and compaction from existing ground +4.5mPD to +5.5mPD	45 days				
	Delivery of band drain	5 days				
+	Plant establishment for band drain (1st rig)	10 days				
+	Plant establishment for band drain (1st rig)  Plant establishment for band drain (2nd rig)	7 days				
	Plant establishment for band drain (3rd rig)	7 days	-			
	riant estaunominent for vand drain (31d fig)	, uays				

ontract No. 17/8002 Lamma Power Station Extension Civil and Building Work				Prog Rev 3	Refer to CEM dated 26March2			
ask Name	Duration	2021	Jul		Aua	Sep		
Vert. Band drain installation (1023 nos. x 44m)	45 days							
Additional Concrete Blocks + Extra Surcharge								
Possession of Part 2 Defer portion at Zone 3	0 days							
Vert. Band drain installation	7 davs							
Mobilization								
Jacking Pit Sheetpile Installation (incl. Stop work notice + CNY)								
Protective screen and preventive measure for U9 gas pipeline (VO)								
Provision of temp support for U10 gas pipeline (VO) upon RMA allow access	28 davs							
Receiving Pit BD Approval								
ELS of Receiving pit	40 days							
	18 days							
Outlet Culvert pipe installation + Thrust Box (remaining portion at A1 Area)	45 days							
	60 days							
Section A6 (ii) - External works at Area E15(D)	<u>37 days</u>							
Arae possession & Clearance	6 days							
Road & Surface Works	31 days							
Section B1 (i) - Area south of L11 MSB and HRSG from GL11-F eastwards								
leading to Chimney Road at Area E1 & E2								
Area Possession & Clearance	0 days							
Excavation for CW Inlet Culvert (South of L11 HRSG)	21 days							
Installation CW Inlet Culvert pipe	30 days							
Construction of Thrust Box & Manholes,etc								
Backfill								
		1						
	TOE days							
	0 days							
Erection of turbine hall roof except defer work	0 days							
Election of turonic han roof except ucies work	U uays	1 1						
	Deposition of surcharge up to +8.3mPD  Section A3 - Ground treatment installation works at Zone 2  Backfilling and compaction from existing ground +4.5mPD to +5.5mPD  Delivery of band drain  Vert. Band drain installation (1787 nos. x 44m)  Deposition of surcharge up to +8.3mPD  Additional Concrete Blocks + Extra Surcharge  Section A4 - Ground treatment installation works at Zone 3  Backfilling and compaction from existing ground +4.5mPD to +5.5mPD  Vert. Band drain installation  Deposition of surcharge up to +8.3mPD  Possession of Part 1 Defer portion at Zone 3  Vert. Band drain installation  Deposition of surcharge up to +8.3mPD  Possession of Part 2 Defer portion at Zone 3  Vert. Band drain installation  Possession of Part 2 Defer portion at Zone 3  Vert. Band drain installation  Possession of Part 2 Defer portion at Zone 4  Vert. Band drain installation  Possession of Defer portion at Zone 4  Vert. Band drain installation  Possession of Defer portion at Zone 4  Vert. Band drain installation  Possession of Defer portion at Zone 4  Deposition of surcharge up to +8.3mPD  Section A5 (ii) - Surcharge works at Zone 4  Deposition of surcharge up to +8.3mPD  Section A6 (ii) - A&A Works for No. 4 C.W. Outfall at Area E18  BD Amendment, resubmission & approval for Jacking Pit  Consent for Jacking Pit ELS  Mobilization  Jacking Pit Sheetpile Installation (incl. Stop work notice + CNY)  Protective screen and preventive measure for U9 gas pipeline (VO)  Provision of termo support for U10 gas pipeline (VO)  Provision of termo support for U10 gas pipeline (VO)  Provision of termo support for U10 gas pipeline (VO)  Provision Pit BD Approving Pit ELS  ELS of Receiving Pit ELS  Consent for Pipe & Sheet pile  Receiving Pit Pipe & Sheet pile  Consent for Pipe & Sheet pile  Consent for Receiving Pit ELS  LELS of Receiving Pit ELS  Consent for Pipe & Sheet pile  Consent for Receiving Pit ELS  Consent for Pipe & Sheet pile  Consent for Receiving Pit ELS  Consent for Pipe & Sheet pile  Consent for Receiving Pit ELS  Consent for Pip	Vert. Band drain installation (1023 nos. x 44m)  Deposition of surcharge up to +8.3mPD  Section A3 - Ground treatment installation works at Zone 2  Backfilling and compaction from existing ground +4.5mPD to +5.5mPD  Odays  Delivery of band drain  Vert. Band drain installation (1787 nos. x 44m)  Deposition of surcharge up to +8.3mPD  Additional Concrete Blocks + Estra Surcharge  Section A4 - Ground treatment installation works at Zone 3  Backfilling and compaction from existing ground +4.5mPD to +5.5mPD  12 days  Vert. Band drain installation  Deposition of surcharge up to +8.3mPD  Possession of Part 1 Deler portion at Zone 3  Vert. Band drain installation  Deposition of Part 1 Deler portion at Zone 3  Vert. Band drain installation  Deposition of Part 1 Deler portion at Zone 3  Vert. Band drain installation  Deposition of Part 1 Deler portion at Zone 3  Vert. Band drain installation  Vert. Band drain installation  Surcharge at delered portion  Surcharge at delered portion  Surcharge at delered portion  Surcharge at delered portion  Surcharge at delered portion at Zone 4  Vert. Band drain installation  21 days  Possession of Deler portion at Zone 4  Deposition of Surcharge up to +8.3mPD  Section A5 (if - Soround treatment installation works at Zone 4  Deposition of Surcharge up to +8.3mPD  Section A5 (if - Surcharge works at Zone 4  Deposition of Surcharge up to +8.3mPD  Section A5 (if - Surcharge works at Zone 4  Deposition of Surcharge up to +8.3mPD  Section A5 (if - Surcharge works at Zone 4  Deposition of Surcharge up to 48.3mPD  Section A5 (if - Surcharge works at Zone 4  Deposition of Surcharge up to 48.3mPD  Section A5 (if - Surcharge works at Zone 4  Deposition of Surcharge up to 48.3mPD  Section A5 (if - Surcharge works at Zone 4  Deposition of Surcharge works at Zone 4  Deposition of Surcharge works at Zone 4  Deposition of the Surcharge works at Zone 4  Deposition of Surcharge works at Zone 4  Deposition of Surcharge works at Zone 4  Deposition of Deposition of Surcharge works at Zone 4  Deposition of	Vert. 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Band drain installation  70 days  Surcharge at deferred portion at Zone 3  80 days  Section A5 (6) - Ground treatment installation works at Zone 4  83 days  Stile Preparation for Vertical Band Drain  8 days  Section A5 (6) - Ground treatment installation works at Zone 4  90 days  Possession of Delefe portion at Zone 4  Vert. Band drain installation  21 days  Possession of Delefe portion at Zone 4  Vert. Band drain installation  22 days  Possession of Delefe portion at Zone 4  Vert. Band drain installation  30 days  Section A5 (6) - Surcharge up to +8.3mPD  30 days  BD Amendment, resubmission & approval for Jacking Pit  70 days  Consent for Jacking Pit ELS  Mobilization  10 days  Possession of Surcharge works at Zone 4  Deposition of Surcharge up to +8.3mPD  30 days  BD Amendment, resubmission & approval for Jacking Pit  10 days  Possession of Surcharge works at Zone 4  Deposition of Sur	Vert. Band drain installation (1023 nos. x 44m)  Deposition of surcharge up to 4-8.3mPD  Backfilling and compaction from existing ground +4.5mPD to 15.5mPD  Delivery of hand drain  Output of the surcharge up to 18.3mPD  Delivery of hand drain  Output of the surcharge up to 18.3mPD  Deposition of surcharge up to 18.3mPD  Additional Concrete Books 1. Exist Surcharge  Output of the surcharge up to 18.3mPD  Additional Concrete Books 1. Exist Surcharge  Output of the surcharge up to 18.3mPD  Additional Concrete Books 1. Exist Surcharge  Output of the surcharge up to 18.3mPD  Additional Concrete Books 1. Exist Surcharge  Output of the surcharge up to 18.3mPD  Additional Concrete Books 1. Exist Surcharge  Output of the surcharge up to 18.3mPD  Deposition of Part 2 Defor portion at Zone 3  Output of the surcharge up to 18.3mPD  Surcharge at Contract Installation works at Zone 4  Surcharge at Contract Installation works at Zone 4  Surcharge at Contract Installation works at Zone 4  Vert. Band drain installation  Output of the surcharge up to 18.3mPD  Possession of Defor portion at Zone 4  Vert. Band drain installation  Output of the surcharge up to 18.3mPD  Possession of Defor portion at Zone 4  Vert. Band drain installation  Output of the surcharge up to 18.3mPD  Surcharge Advances are to 18.3mPD  30 days  Section AS 610. Surcharge works at Zone 4  Deposition of surcharge up to 18.3mPD  30 days  Section AS 610. Surcharge works at Zone 4  Deposition of surcharge up to 18.3mPD  30 days  Section AS 610. Surcharge works at Zone 4  Deposition of surcharge up to 18.3mPD  30 days  Section AS 610. Surcharge works at Zone 4  Vert. Band drain installation  Output	Vert. Bund drain installation (1023 nos. x 44m)  Deposition of surcharge up to ~5.m2D  Section X - Circumal treatment installation works at Zone 2  Section X - Circumal treatment installation works at Zone 2  Delivery of bund drain  Delivery of bund drain  Vert. Band drain installation (1078 nos. x 44m)  Delivery of bund drain  Delivery of bund drain  So days  Vert. Band drain installation (1078 nos. x 44m)  Deposition of surcharge up to ~8.m2D  Additional Concelle Blooks - Early Surchano  Soction A - Ground treatment installation works at Zone 2  Backfilling and compaction from existing ground ~4.5m2D to +5.5m2D  Vert. Band drain installation  Soction A - Ground treatment installation  Vert. Band drain installation  Vert. Band drain installation  Soction A - Ground treatment installation  Vert. Band drain installation  Vert.	March   Marc	Wen Design of an extracted large and 1022 more, Alare) 46 days.  Represention of accurage gas an eth surface 2  Section A.5. Ground freatment installation works at Zone 2  Section A.5. Ground freatment installation works at Zone 2  Section Company and the surface and the surface 2  Vot. thouse drant installation (1757 area, 4 frag)  Vot. thouse drant installation area area area area area area area are	

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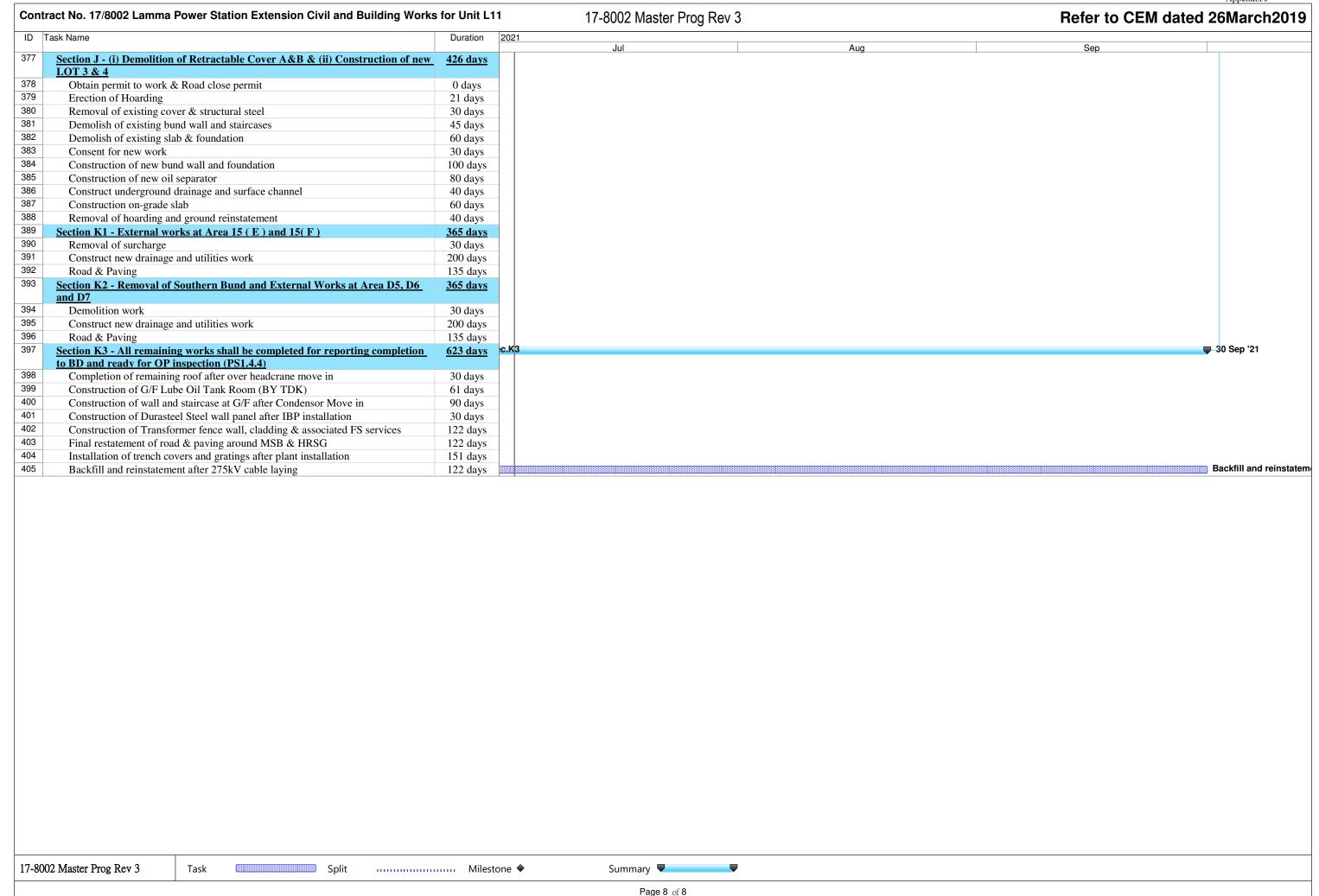
	act No. 17/8002 Lamma Power Station Extension Civil and Building Works			17-8002 Master		Refer to CEM dated 26Marcl
Т	ask Name	Duration	2021	Jul	Aug	Sep
	Installation of crane griders Turbine hall wall claddings	21 days 60 days			•	·
	Section B1 (iii) - FSRU Civil works at Area E13 (GRS)	151 days				
	Submission and approval for consent to work	0 days				
	Civil & Building Works	130 days				
	Ground reinstatement	21 days				
	Section B2 - Retractable Cover D at Area E22	435 days				
	Area Possession, Demolition and clearance work	60 days				
+	Revise Structural Form and BD resubmission & approval	150 days				
+	Foundation construction Backfill & Ground reinstatement	60 days				
i   i		30 days				
	Superstructure fabrication & delivery Superstructure erection	90 days 90 days	-			
+	E&M Installation and T&C	45 days				
	Section B3 - External works at Area B1, D2 and D4	45 days				
	Receive Area from HKE, Area Possession & Clearance	0 days				
+	Removal of existing paving for band drain under Section A5(i)	30 days				
+	Complete Vert. Band drain under Section A5(i)	0 days				
+	Ground preparation for B1, D2 & D4 for handover to Plant contractor	90 days				
	Section C1 - Area south of L11 MSB from GL11-F westwards leading to Station					
	Road at Area E3(A) & E3(B)	400 days				
T	Area Possession & Clearance	0 days				
t	Excavation for Type C (Area E3A)	21 days				
+	Installation CW Outlet Culvert Pipe connect to Type C1	21 days				
1	Installation CW Inlet Culvert pipe (South of L11 Condensor)	21 days				
	Construction of Thrust Box	10 days				
	Construction of Access Manhole	21 days				
	Backfill	14 days				
	Construction of Underground drainage and utilities	60 davs				
3	Construct Temp Paving for Condenser move in	45 days				
4	Section C2 - (i) Southern part of L11 HRSG area and its surrounding at Area	<u>295 days</u>				
	E7 (No Defer Foundations)	0.1				
5	Area Possession & Clearance	0 days				
,	Excavation & Pile Caps & Tie Beams (HRSG South Area E7)  Construction RC foundations	45 days				
+	Construction RC plinths	45 days 30 days				
,	Construction and utilities	45 days				
+	Backfill & Construction on-grade slabs	35 days				
+	Backfill and Temporary paving	21 days				
	Section C2 - (ii) L11 Turbo Block foundation including the L11 MSB ground	496 days				
	floor together with the equipment foundations between GL 11-F to 11-H and	470 days				
	11-1 to 11-6 for the installation of power generator, air inlet duct and lube oil reservoir					
	Area Possession & Clearance	0 days				
+	Excavation & Pile Caps & Tie Beams (MSBL11 - Turbo Block North)	70 days				
+	Excavation & Pile Caps & Tie Beams (MSBL11 - Turbo Block North)  Excavation & Pile Caps & Tie Beams (MSBL11 - Turbo Block South)	30 days				
+	Backfill and construction turbine block foundations	21 days				
+	Construction of internal drainage	60 days				
$\dagger$	Construction of internal dramage  Construction RC walls incl. G/F rooms	90 days				
	Construction turbine block columns and upper portion for plant embed	21 days				
+	installation  Congrete Turking upper part foundation & clear felsowerk	50 Ja	-			
	Concrete Turbine upper part foundation & clear falsework  Section C2 - (iii) G/F of L11 MSB including the Condenser Pit, Circulating	52 days <b>466 days</b>				
	Water Pipe Pit and equipment foundations between GL 11-B to 11-C and 11-1	400 days				
	to 11-6 for the installation of condenser	0.1				
+	Area Possession & Clearance	0 days				
_	Excavation to foundation level at ELS Type A	18 days				
	Construction of CW Outlet Box + lowest tie beam & caps	40 days	-			
-	Construction of pile caps & tie beams & hot well sump pit up to +2.5mPD	30 days	-			
+	Backfill & Construction of CW Inlet Box + tie beams  Backfill and Construction ground beams & trenches	18 days 18 days				
_		.,				

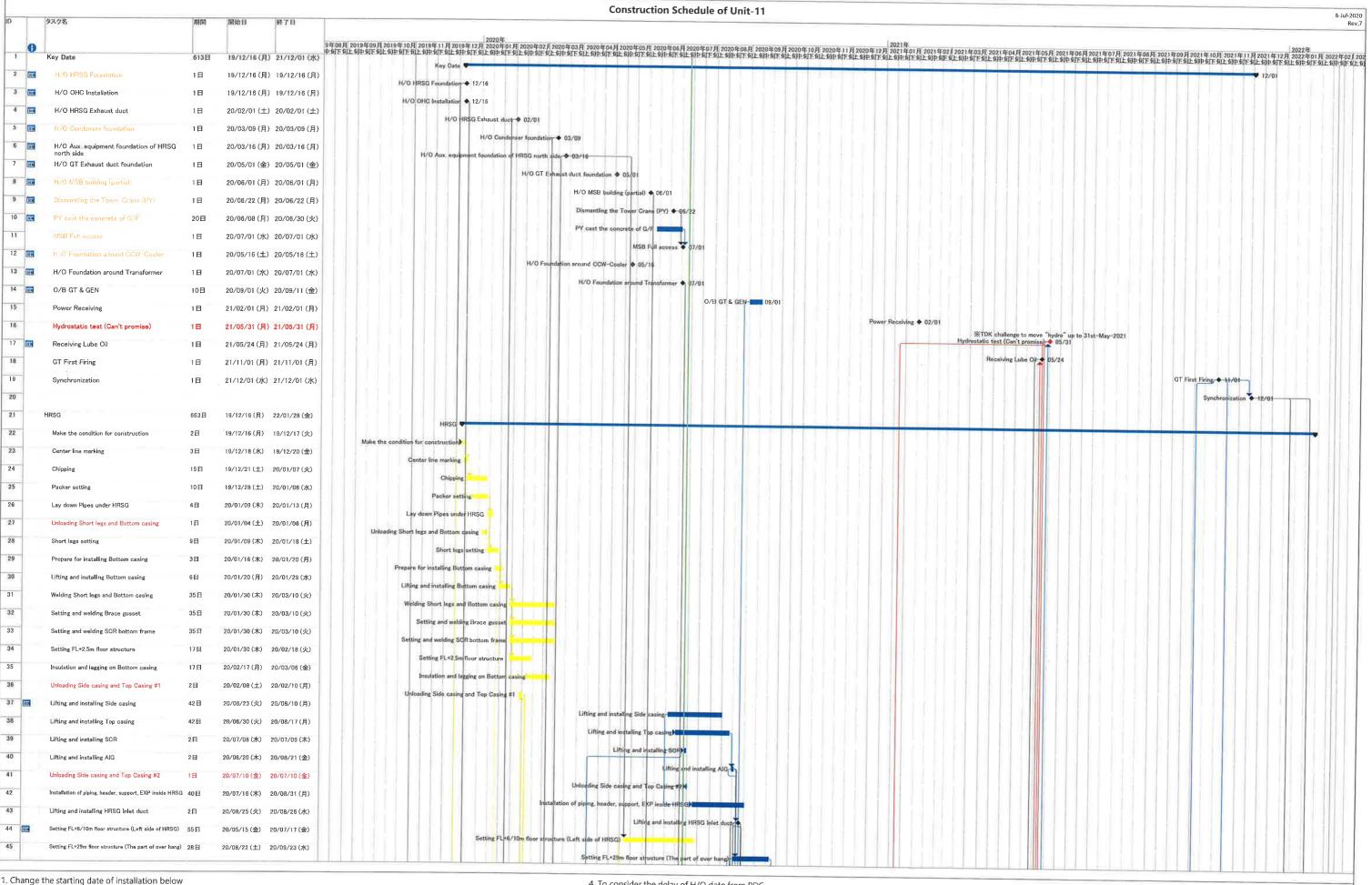
8	sk Name	Duration	2021				
		Duration	2021	Jul	Aug	Sep	
	Construction of indoor underground drainage	12 days			· 9		
9	Backfill & construction on-grade slabs	10 days					
)	Construction Column casting and RC walls	30 days					
	Metal Cladding & Louvres for GLB-C/1-6	60 days					
2	Mis. Works for plant erection	24 days					
	Section D - (i) Roads and external grounds surrounding L11 MSB and L11	<u>414 days</u>					
	HRSG in addition to the southern & eastern areas mentioned above in Area E5 and E6						
1	Area Possession & Clearance	14 days					
5	Excavation for Type C1 and open sheet pile	75 days					
	Install CW Outlet pipe & connect to prevous	21 days					
7	Backfill	10 days					
3	Undeground utilities and trenches	60 days					
9	Construction of plant drainage, trenches & RC plinths	45 days					
)	Remaining Undeground utilities & backfill (West of Tx Bay)	75 days					
	Section D - (ii) Remaining northern part of L11 HRSG area and its	375 days					
	surrounding in Area E6						
2	Area Possession & Clearance	0 days					
	Excavation & Pits & Pile Caps & Tie Beams (HRSG north Area E6)	45 days					
.	Construction RC foundations	45 days					
5	Construction RC plinths & HRSG Lift Pit & internal drainage	60 days					
6	Backfill Construction on-grade slabs	28 days					
7	Construction underground utilities	45 days					
3	Backfill, Remaining utilities and temporary paving	85 days					
9	Touch up and site clearance	13 days					
0	Section D - (iii) Whole of L11 MSB including the pipe and cable rack along south façade of L11 MSB with all underground utilities at Area E4 including	<u>526 days</u>					
	C.W. Inlet and Outlet Culvert except the deferred works						
	Area Possession & Clearance	0 days					
2	Construction of pile caps & tie beams at Transformer Area	60 days					
3	Excavation & Construction Blow Down Sum pit (Type B)	45 days					
4	Construction of pile caps & tie beams at SunShadeCover Area	45 days					
5	Preaparation for S.Steelwork Erection	14 days					
6	Structural Delivery & Erection (Turhine Hall North fr G.L. 1-3/H->B)	30 days					
7	Structural Delivery & Erection (Equipment Floors)	45 days					
8	Structural Delivery & Erection (Equipment 1601s)  Structural Delivery & Erection (Turbine Hall South)	45 days					
9	Fire Coating Application at Joint	120 days					
0	External Scaffolding Erection	150 days					
1	Construction 1/F RC Slab	130 days					
		-					
2	Construction M/F RC Slab	7 days					
	Construction 2/F RC Slab	14 days					
4	Construction 3/F RC Slab	14 days					
5	Construction 4/F RC Slab	14 days					
5	Construction 5/F RC Slab (Roof of turbine hall, except defer portion)	30 days					
7	Construction Roof RC Slab	14 days					
3	Construction Upper Roof RC Slab	12 days					
9	Construction Defer Roof RC Slab (G.L. G-H)	30 days					
)	Construction of Staircase ST-01 & lift shaft & machine room	120 days					
1	Construction of Staircase ST-02 except defer work	76 days					
2	Construction of RC plinth, kerbs & parapet Walls	30 days					
3	Erection of Skylight & Roof Features	45 days					
ļ.	Waterproofing & Flooring at Roof	60 days					
5	ABFW Works from 1/F to 5/F equipment rooms	150 days					
	Metal Cladding, Windows and Louvres incl. roof feature	100 days					
	Removal of external scaffolding	60 days					
	Building Services E&M Access & Installation	150 days	1				
	Remaining and Mis. works for Plant erection Full Access	18 days					
	Section D - (iv) Link Bridge between L10 and L11 MSB and at the south of L11 MSB including their associated alternations & additions (A&A) Works at L10	<u>526 days</u>					
	MSB						
1	Area Possession & Clearance	0 days					
 3002	Master Prog Rev 3 Task Split Split	Milest	one •	Summary $lacktriangle$			

ntra	ct No. 17/8002 Lamma Power Station Extension Civil and Building Works	ior Unit L	17 000	2 Master Prog Rev 3		Refer to CEM dated 26March
Tas	sk Name	Duration	2021 Ju		Aug	Sep
2	A&A works at South of L10 MSB	60 days			7.03	305
	Erection of link bridge structural steel	21 days				
	Casting of bridge deck	7 days				
	Metal roofing installation	14 days				
	ABWF work	21 days				
	Form new opening at MSB for final connection	14 days				
	E&M Work for completion	21 days				
	Section D - (v) Gas Duct Foundation, Pipe and Cable Rack and associated	345 days				
	trench in Area E20					
	Area Possession & Clearance + CNY	0 days				
	Sheet pile installation & submit as-built	75 days				
	Consent for excavation	28 days				
	Excavation & plate load test	45 days				
	Construction of foundation	45 days				
	Backfill & Underground utiltiies	30 days	-			
	Remaining Pipe & cable rack and associated trenchs in Area E20	115 days				
	Section E1 - (i) Link BrIdge and Pipe and Cable Rack connecting L11 MSB to	263 days				
	the western area of L11 MSB at Area E3	203 uays				
	Area Possession	0 days				
	Excavation & construction of new foundation	40 days				
	Backfill		-			
	Erection of Structural steel	10 days	-			
		30 days	_			
	Backfill & Ground works	55 days	_			
	Section E1 - (ii) Gas Receiving Station and L11 Gas Receiving Station Equipment Room (GRS) Area Extension at Area E16	<u>173 days</u>				
	Area Possession	0 days				
	Removal of Surcharge and excavation	14 days				
	Modification of Site Drainage	45 days				
	Construction of new RC for GRS Equipment Room	75 days				
	ABWF for GRS Equipment room	45 days	-			
	E&M Installation	45 days	-			
	Construction of new Gas pipe plinths & racks		-			
	Backfill and construction site drainage	45 days	-			
		21 days	-			
	External Paving and install new fencing	60 days	<b>-</b>			
	Section E1 - (iii) External Works at Area E15 ( C )	273 days	<b>-</b>			
	Removal of Surcharge and excavation	45 days	_			
	Underground drianage, Utilities and RC plinths	123 days	_			
	Backfill and install surface utilities	45 days				
	Roadwork	60 days	_			
	Section E2 - Pipe and Cable Rack and trench at west of Chimney Road and Pipe and Cable Rack at south of Middle Road at Area E8 and E19	495 days				
	BD consent + Site Possession @ Area E8	0 days				
	Excavation & Plate load test	60 days				
	Foundation and Trench constructions	90 davs				
	Backfill & underground utitiles + temp paving	60 days				
	Excavation & plate load test @ E19	60 days				
	Construction of foundations & trenches	45 days				
	Backfill & underground utitiles	60 days				
	Pipe & cable rack Erection	60 days				
	Ground reinstatement	60 days				
	Section E3 - Gas Pipe Support Foundation and Pipe Trench and associated	173 days				
	external works at Area E14, E15 (A) and E15 (B)					
	Removal of surcharge / site clearance	21 days				
	Excavation & construction of pipe trench	30 days				
	Construction of gas pipe support foundation	30 days				
	Construction of underground drainage and utilities	60 days				
	Backfill & road work	32 days	7			
	Section E4 - 275kV cable trenching works connecting the 275kV Switching	185 days				
	Station Extension and L11 MSB at Area E9 (A)					
	Site possession	0 days				
	Obtain Permit to work & Road close permit	10 days				

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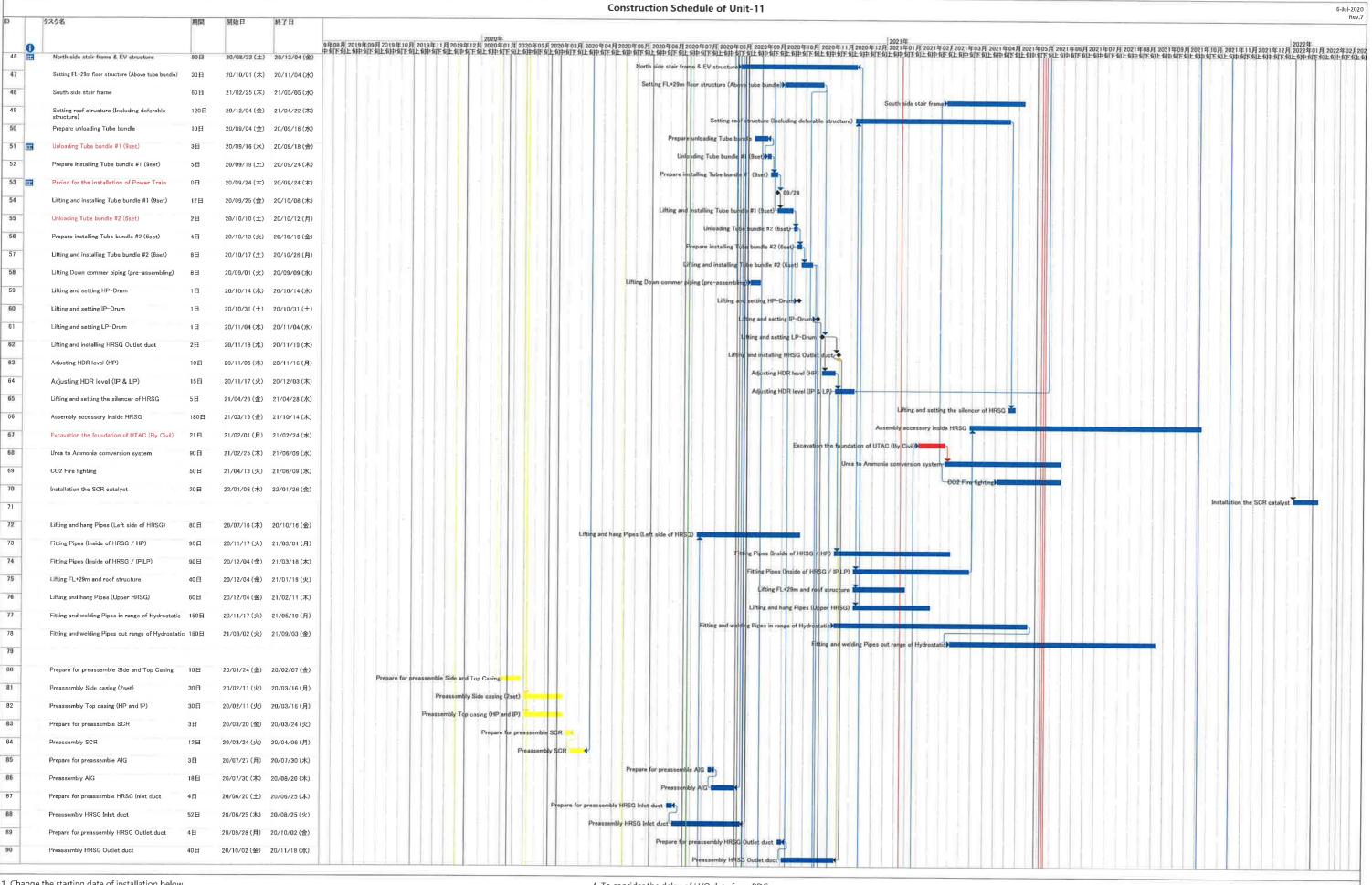
	ct No. 17/8002 Lamma Power Station Extension Civil and Building Works				Prog Rev 3		Refer to CEM date
Ta	sk Name	Duration	2021	Jul		Aug	Sep
_	Excavation & construction new cable trench to 275kV	45 days					
	Excavation & construction new cable trench to L11MSB	130 days					
	Section F - 275kV Station Building Extension and associated works at Area E17	709 days					
	Installation of ELS for 275kV Switching Station near Staircase ST-3 and ST-6	14 davs					
	Construction of Staircase ST-3 BD Amendment Approval on A&A	110 days	-				
	BD Amendment Approval on A&A  BD Amendment Approval on A&A ST3 & Drainage	0 days 0 days	-				
	OP inspection of Staircase ST-3	14 days					
	Consent of New Foundation Works (Stage 1)	0 days	-				
+	Consent & BA10 for Demolition of Existing Staircase Demolition of Existing Staircase and Submit BA14A	0 days 14 days	-				
	BD inspection for BA14A & Issue OP	28 days	1				
	Consent & BA10 for New Foundation Work (Stage 2)	28 days					
H	Hoarding Modification	7 davs	-				
+	Pile Cap & Tie Beam Construction (Stage 1) Erection of Tower Crane	98 days 40 days	-				
t	Pile Cap and Tie Beam (Stage 2)	21 days					
	RC Construction up to 1/F (Stage 1)	30 davs					
-	RC Construction up to 1/F (Stage 2)	75 days	_				
	Construction of Staircase ST6 Shop Drawing Submission & Approval of Structural Steel	90 days 45 days					
	Structural Steel fabrication & Delivery	60 days					
	Erection of Structural Steel GL 17~18	30 days	-				
	Erection of Structural Steel GL 8~17 Metal Cladding Delivery	60 days					
	Metal Door, Window & Lourve Delivery	60 days 45 days	1				
	Erection of Working Platform and Scaffold	150 days	]				
	Install Decking	60 days	-				
	RC Walls from 1/F @ GIS Hall Construction of 2/F RC slab	40 days 14 days	-				
	Construction of R/F RC slab	21 days	1				
	Construction of UR/F RC slab	14 days					
	Construction of GIS Hall Floor	60 days	-				
	Installation of Overhead Crane (By JEC) Construction of staircase ST4, ST5, Lift Shaft & Equip Floors	60 days 150 days	-				
	Lift Installation	90 days					
	Concrete of RC walls, plinths, kerb & parapet walls & New trench for LV Power	30 davs					
	ABWF Works @ G/F	50 days	_				
	ABWF Works @ 1/F ABWF Works @ 2/F	50 days 75 days	-				
	ABWF Works @ R/F	30 days					
	ABWF Works @ UR/F	21 days					
	Waterproofing Works at R/F & UR/F Building Services E&M Access & Installation & T&C	45 days 150 days	-				
	Metal Cladding, Windows and Louvres incl. Roof Feature	90 days	1				
	Shutter Erection	30 days					
	Removal of External Scaffolding + Tower Crane	35 days	-				
	External Underground Drainage and Utilities Road & Paving Reinstatement	30 days 30 days	-				
	Ready for FSD & OP Inspection	0 days					
	Section G - A&A Works at No. 4 C.W. Intake at Area E12	143 days					
	Permit to work	0 days					
	Erection of temp. platform	14 days					
	Demolition work	30 days	_				
	Modify existing slab openings	75 days					
	Curing + Removal of platform	24 days					
Ī	Section H - L11 Steel flue liner at No. 4 Chimney	186 days					
	Complete erection of L10 Steel flue	0 days	7				
	Modification of erection equipment	21 days					
	Erection temp. platform and demolition work	30 days	1				
	Structural steel delivery & Erection	85 days	-				
	Removal of temp. work						
		5 days					
	Reinstate G/F louvre wall and access door	45 days					
	Section I - (i) 275kV cable trenching works connecting the 275kV Switching Station Extension and L11 MSB at Area E9 (B)	232 days					
	Obtain Permit to work & Road close permit	0 days					
	Excavation & construction new cable trench	160 days					
$\vdash$	Re-excavate cable trench for cable laying	72 days					
	Section I - (ii) Interconnector 2 Trench Modification Works at Area E10	275 days					
	Obtain Permit to work & Road close permit	0 days					
	Re-excavate & new cable trench for cable laying	275 days					





- Installation HRSG was re-started from 23rd-Jun
- Installation Exhaust duct was re-started from 15st-May
- 2, To consider that structure of Takasago portion is delayed

- 4. To consider the delay of H/O date from PDC
- 5. Add the schedule of the electric work and the replacement the gantry crane for CWP

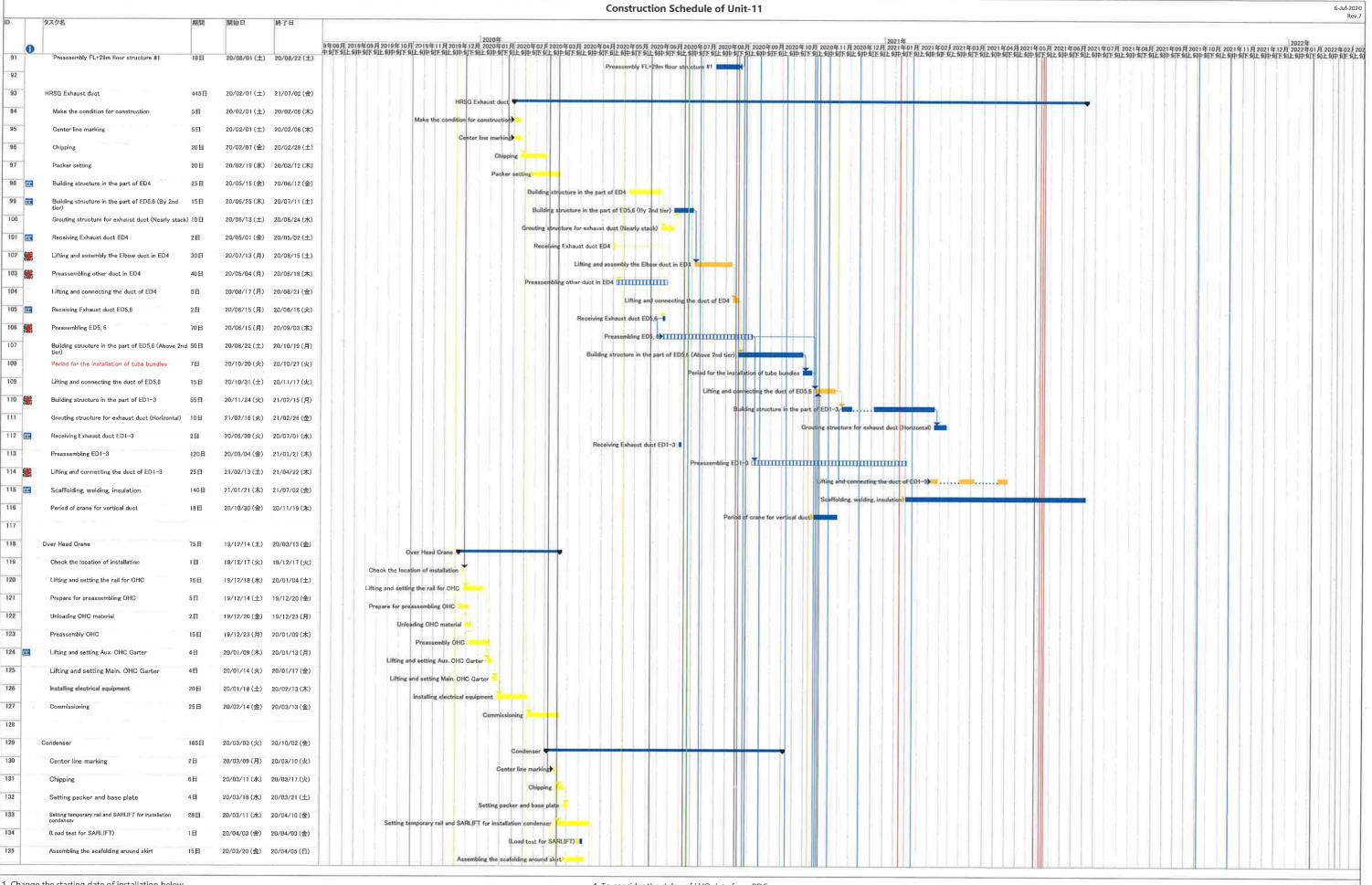


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Installation HRSG was re-started from 23rd-Jun

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<sup>2.</sup> To consider that structure of Takasago portion is delayed

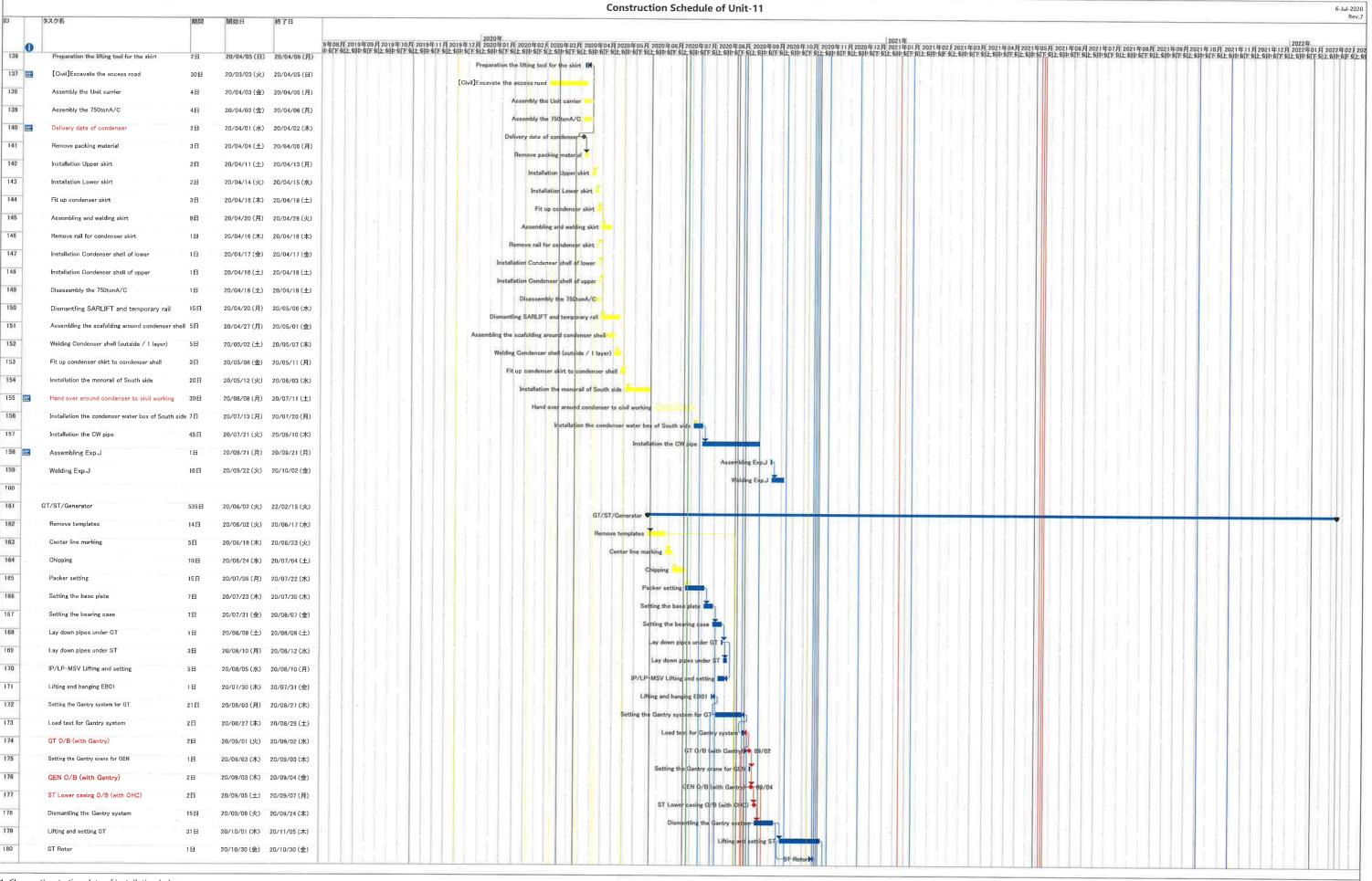


<sup>1.</sup> Change the starting date of installation below

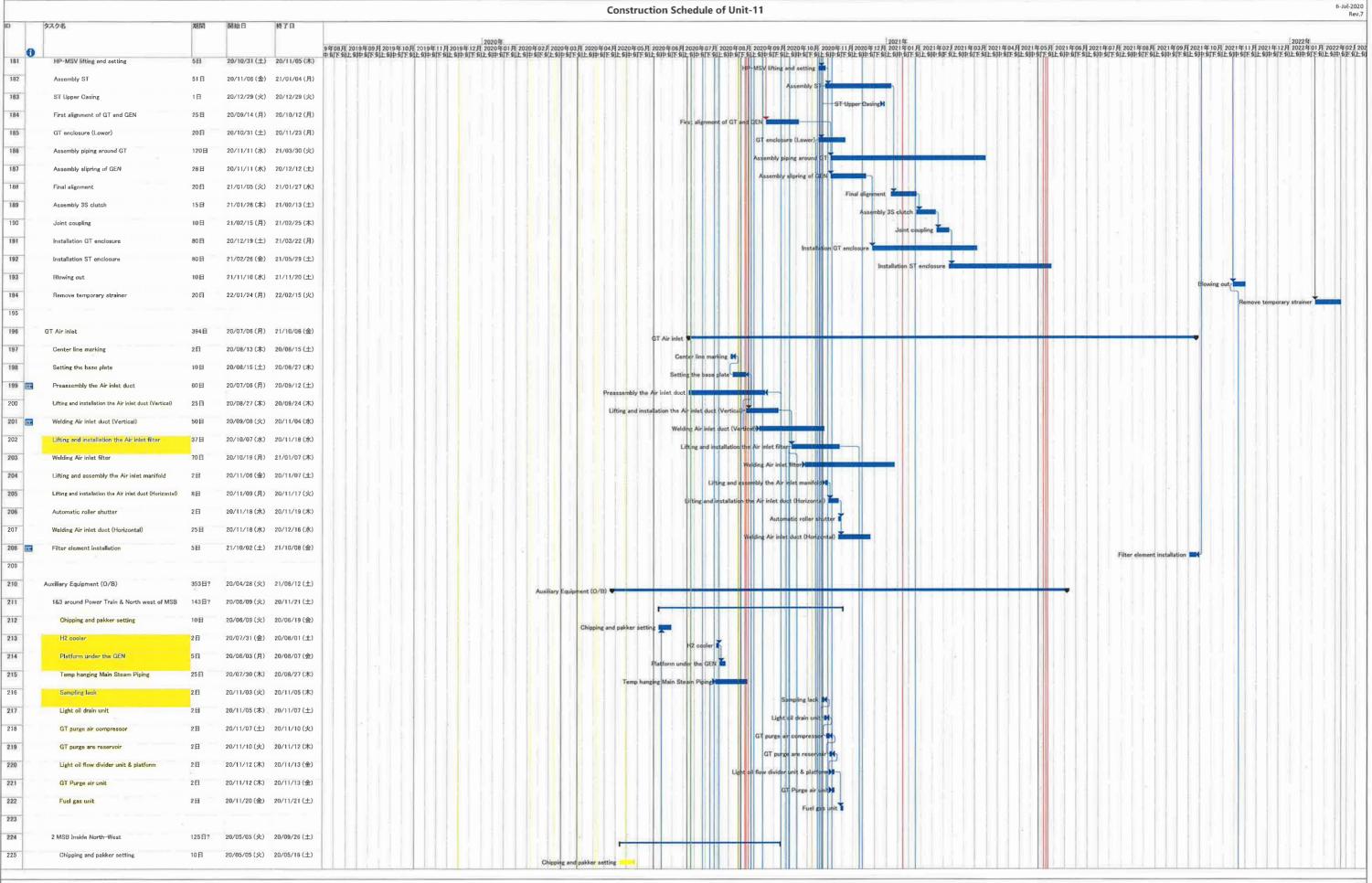
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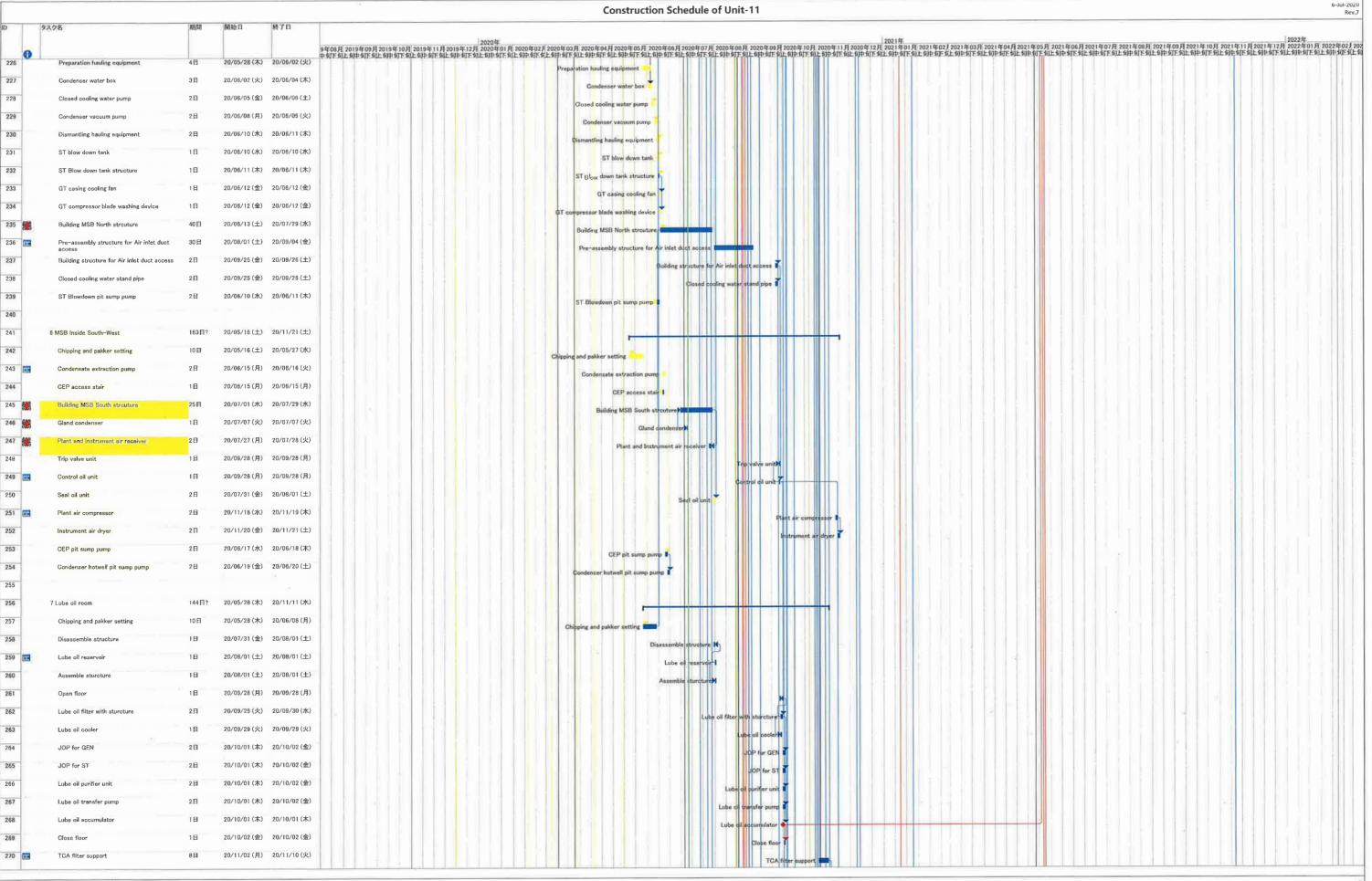


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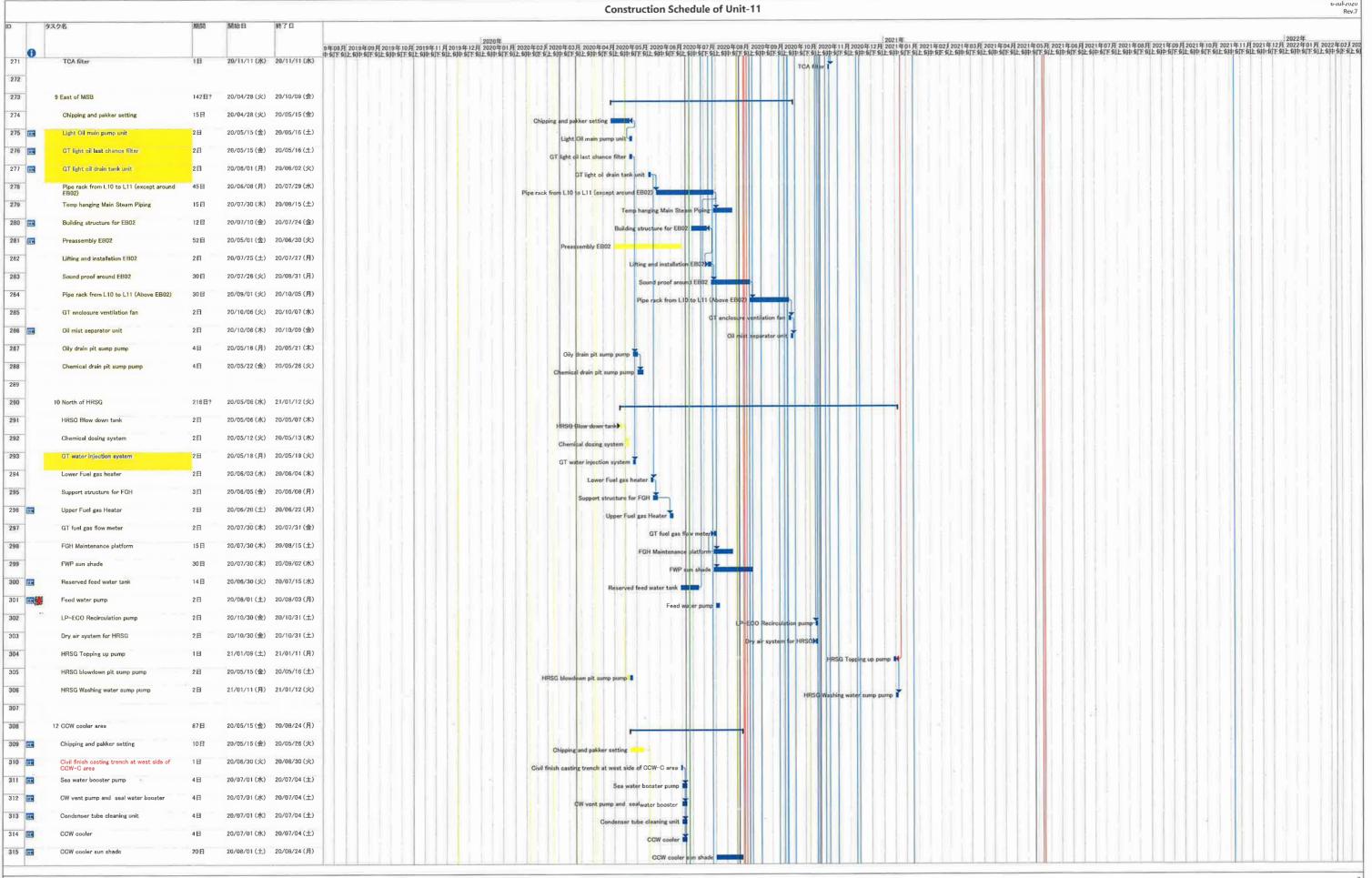


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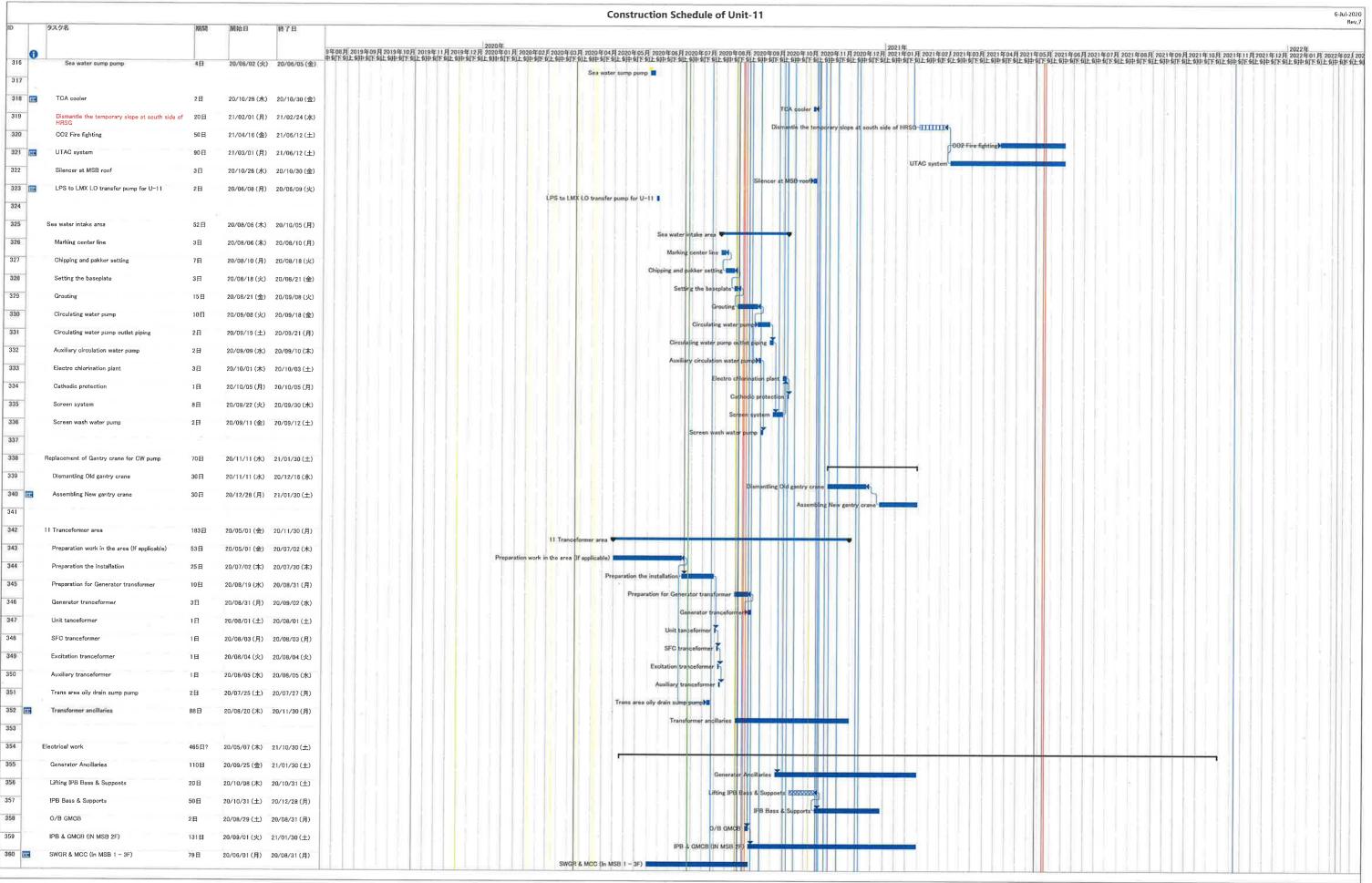


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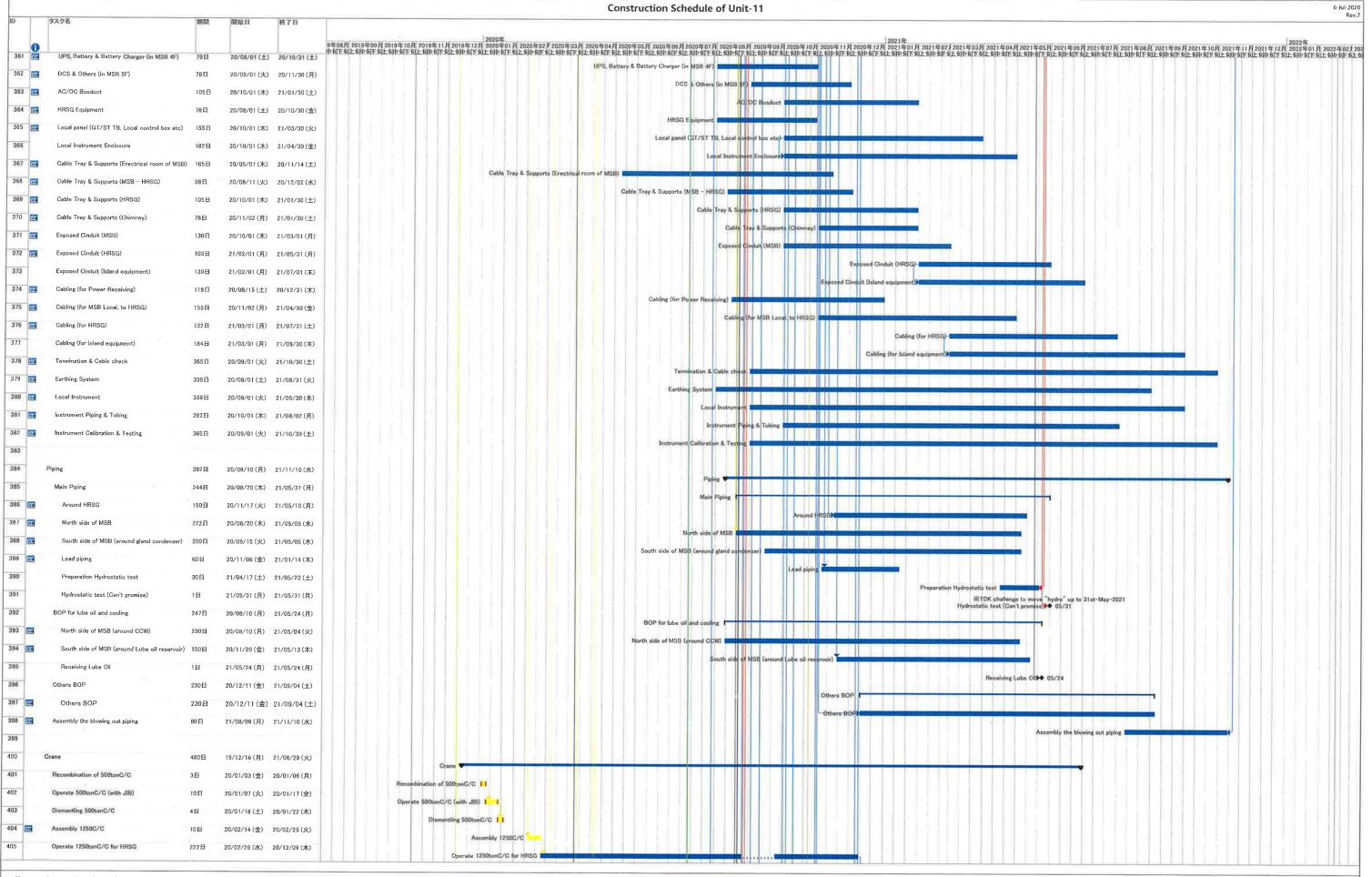


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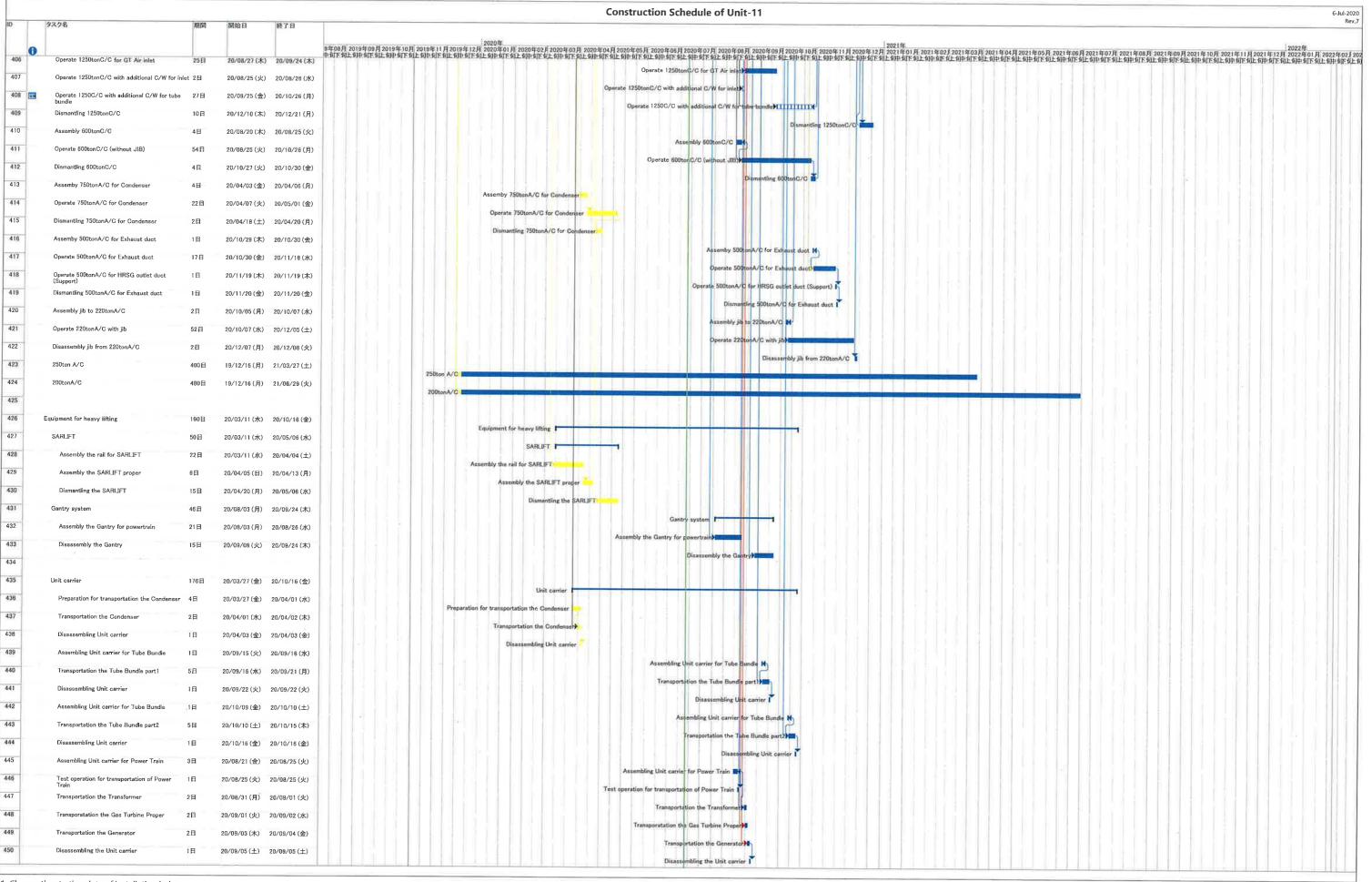


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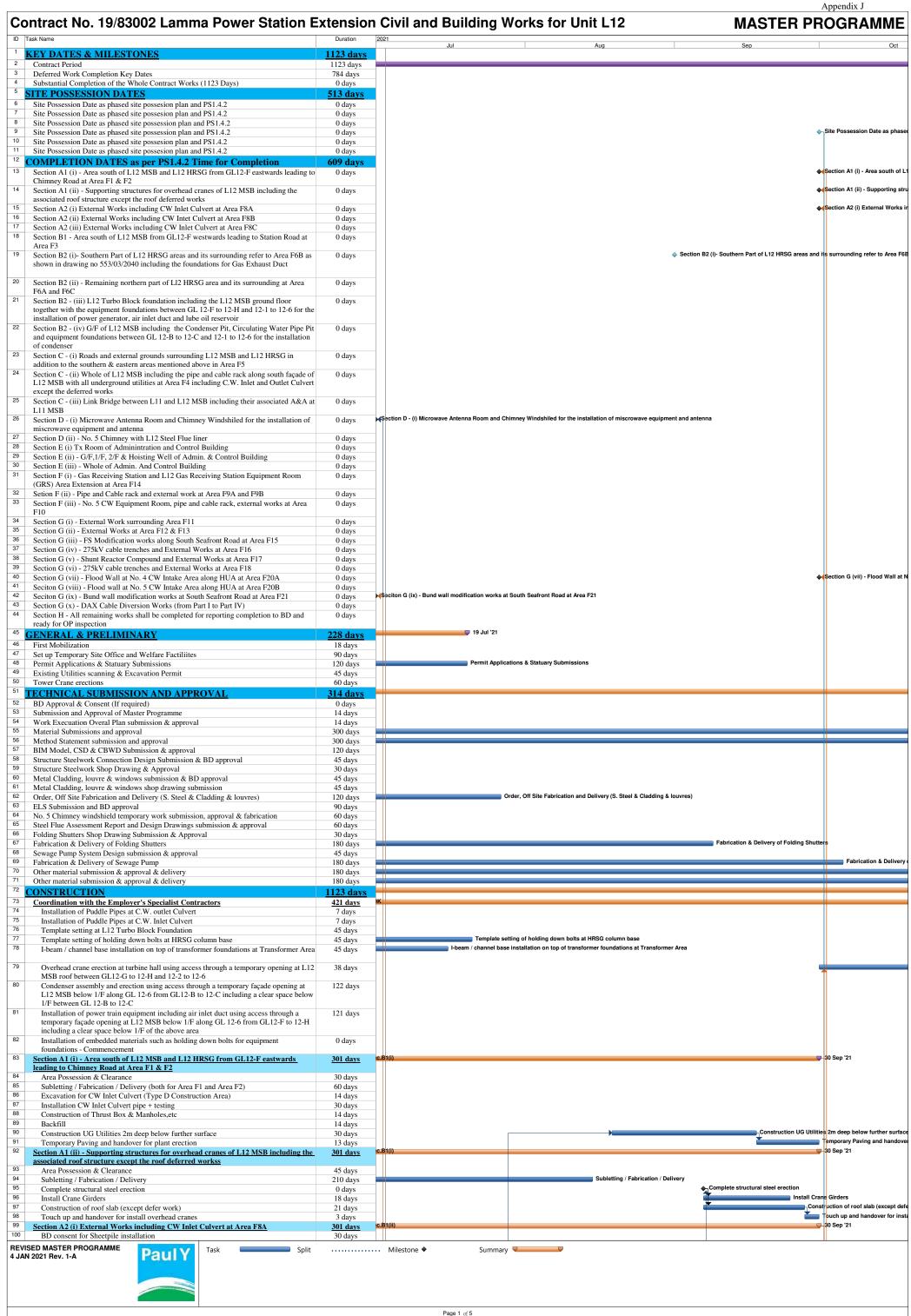


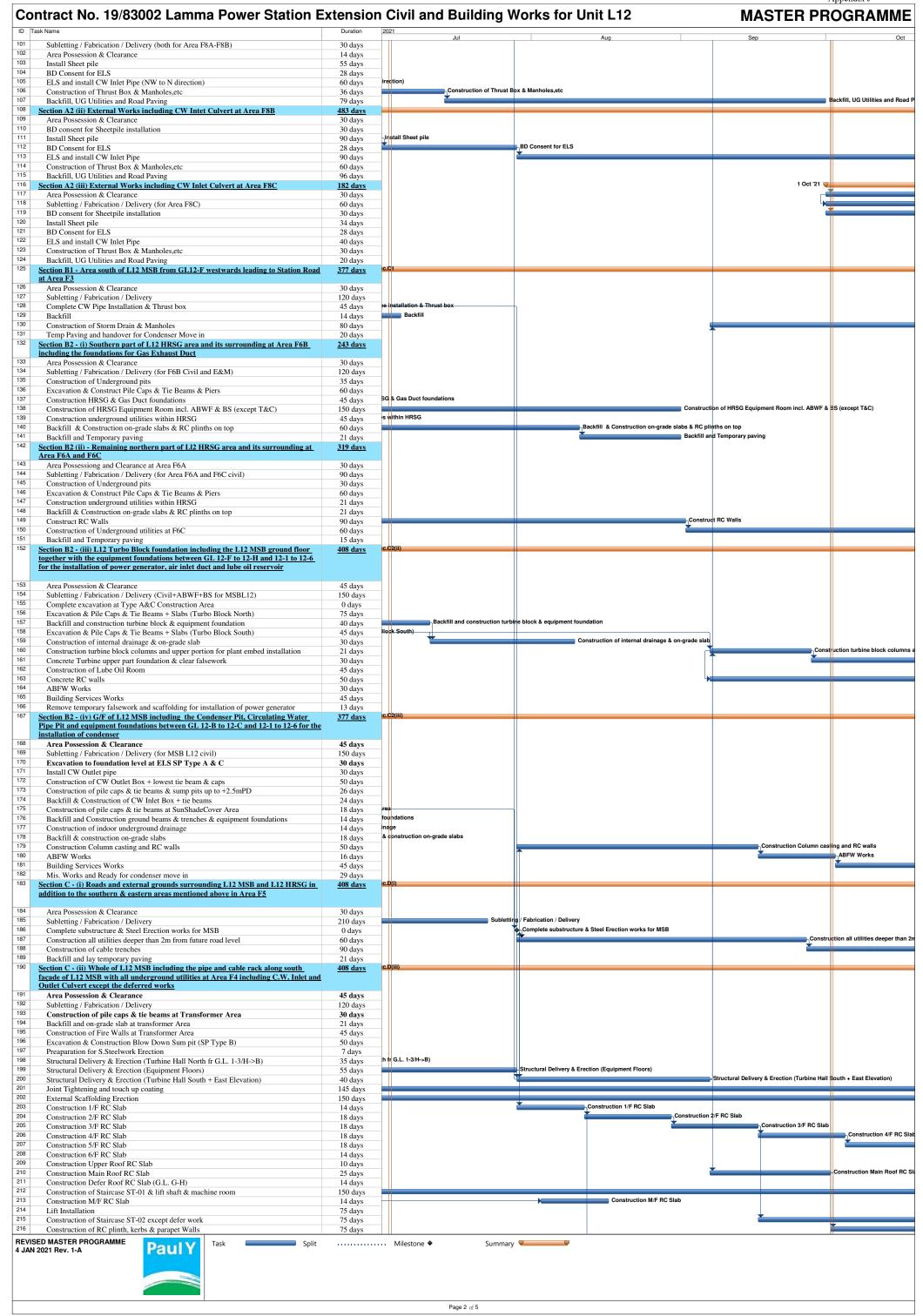
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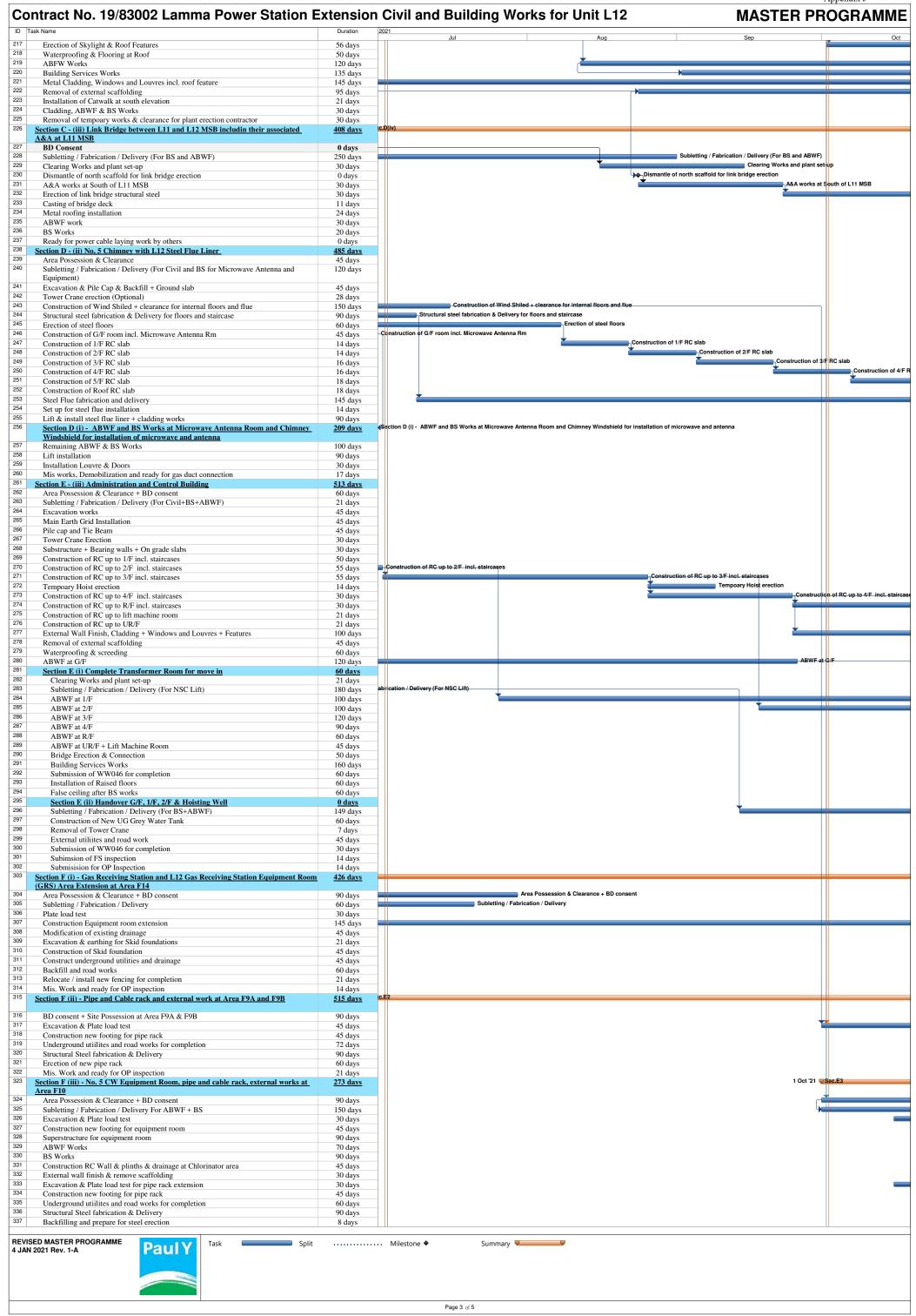
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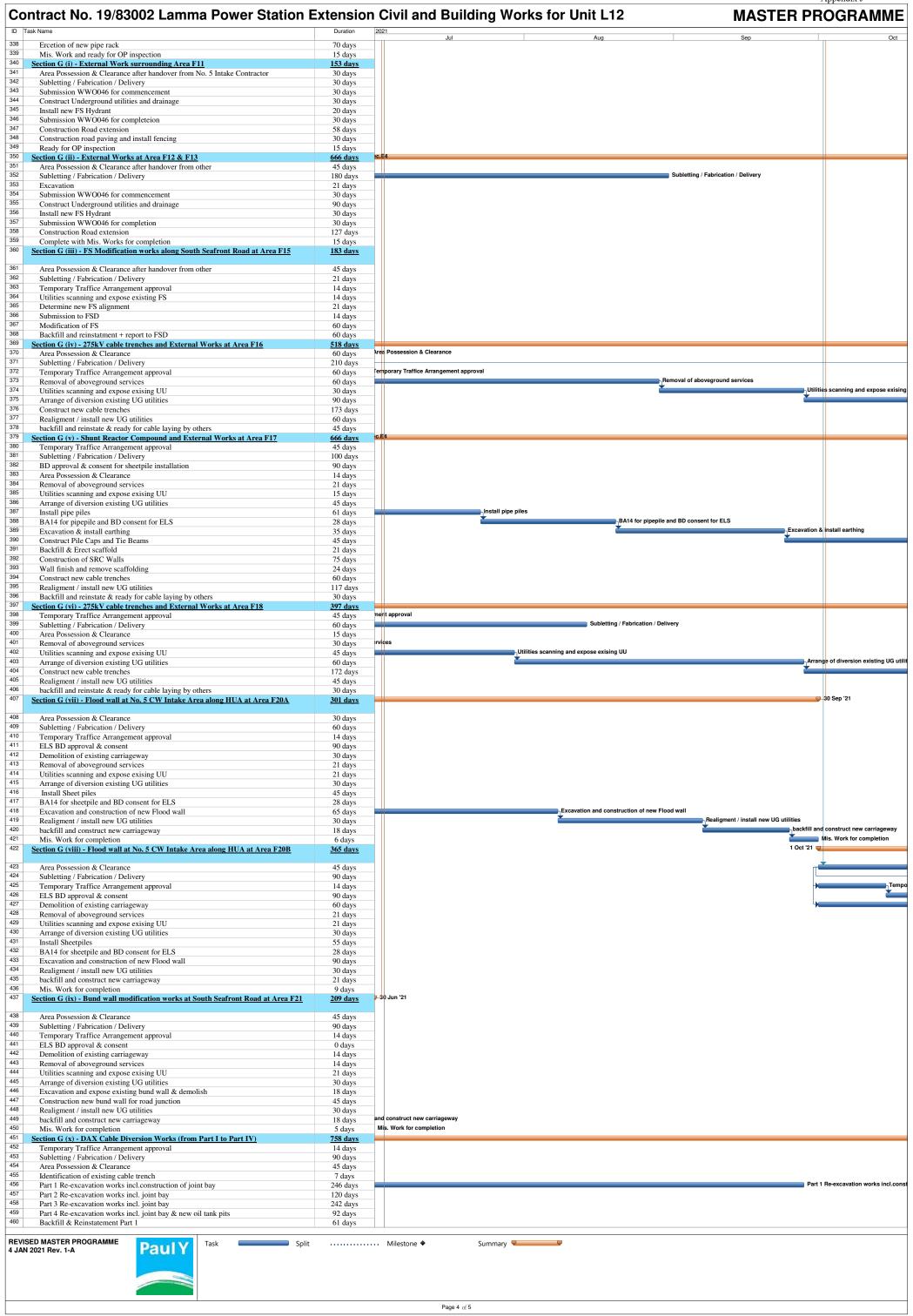
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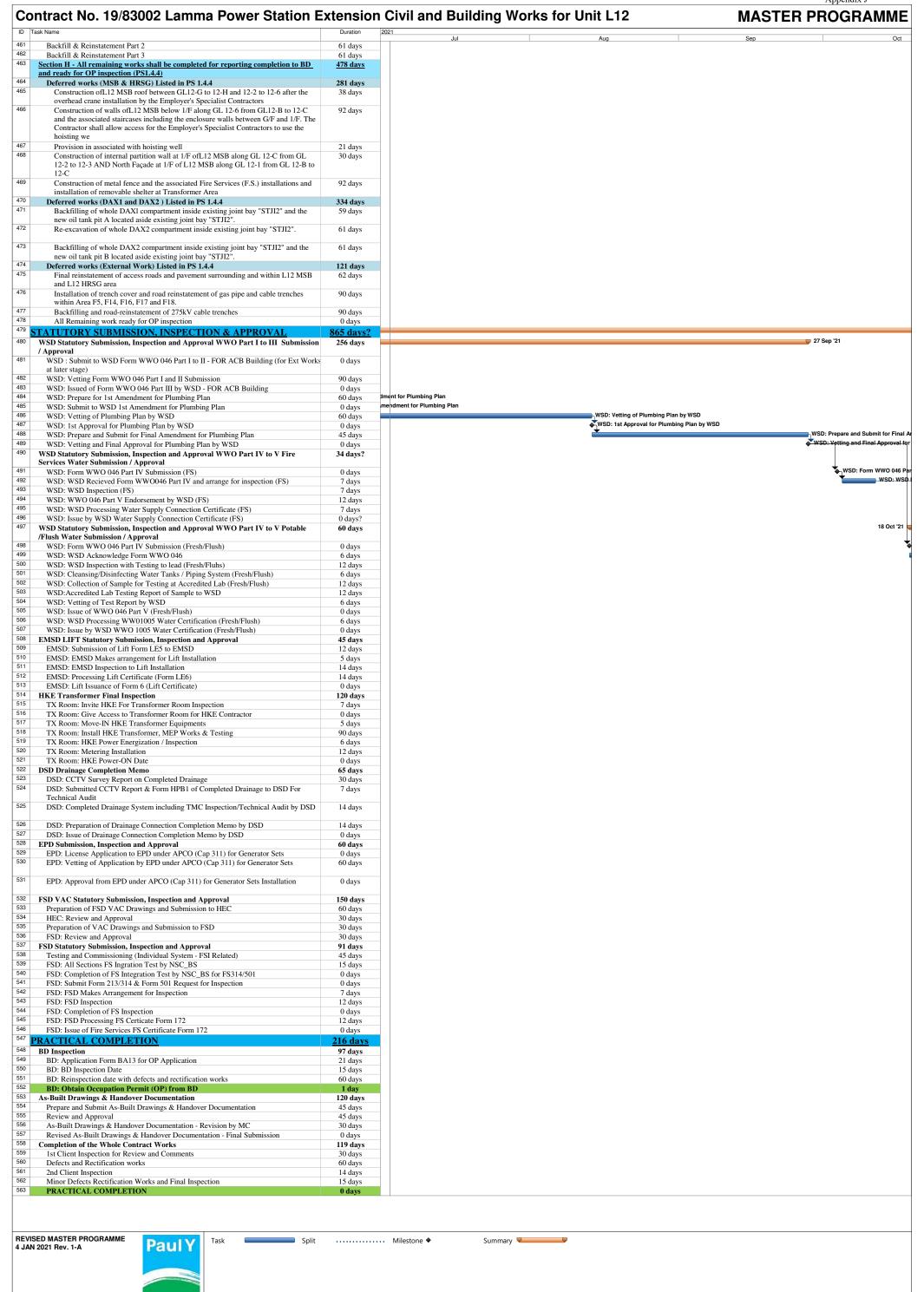
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