

Revised Works Programme for 2no. DN1800 CW Outlet Pipes Installation - Culvert Outfall No. 4 + GRS Works

No.4 Outfall AA+GRS (Rev.13) (21-7-2021)

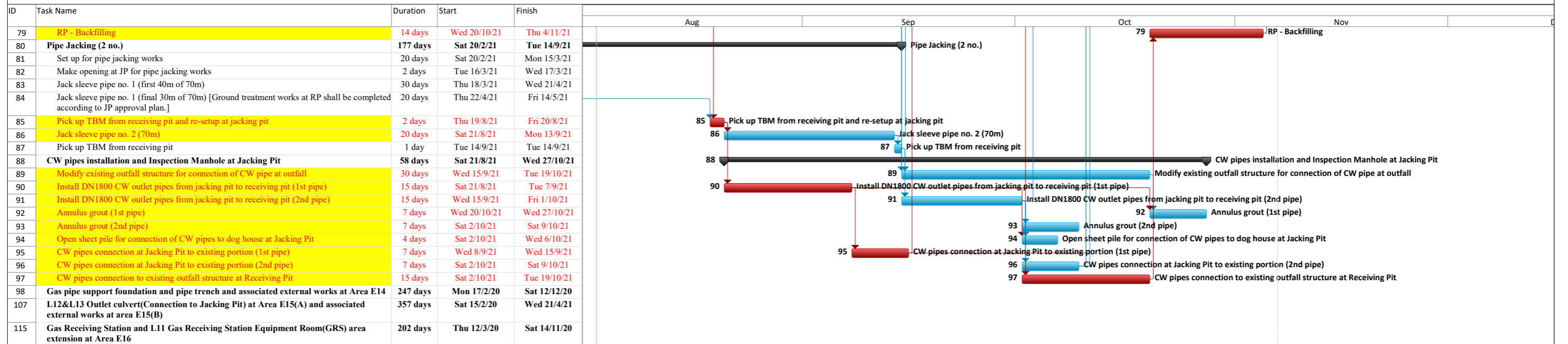
ID	Task Name	Duration	Start	Finish	Aug				Sep				Oct				Nov			
1	<b>2 no. DN1800 CW Outlet Pipes Installation Overall Duration</b>	<b>905 days</b>	<b>Fri 2/11/18</b>	<b>Sat 6/11/21</b>	2 no. DN1800 CW Outlet Pipes Installation Overall Duration															
2	Completion of pumping test	0 days	Wed 27/1/21	Wed 27/1/21																
3	A&A work for extension of outfall chamber up to +8.506mPD	0 days	Tue 19/1/21	Tue 19/1/21																
4	Complete ELS at jacking pit	0 days	Thu 11/2/21	Thu 11/2/21																
5	Complete ELS at receiving pit	0 days	Thu 5/8/21	Thu 5/8/21																
6	Make opening at JP for pipe jacking works	0 days	Mon 29/3/21	Mon 29/3/21																
7	Completion of ground treatment works at receiving pit	0 days	Thu 15/4/21	Thu 15/4/21																
8	Completion of jack sleeve pipe	0 days	Mon 13/9/21	Mon 13/9/21																
9	Install DN1800 CW outlet pipes from jacking pit to receiving pit	0 days	Fri 1/10/21	Fri 1/10/21																
10	Complete backfill for subsequence underground utilities construction at jacking pit	0 days	Sat 9/10/21	Sat 9/10/21																
11	<b>Jacking Pit and Thrust Block Portion</b>	<b>891 days</b>	<b>Fri 2/11/18</b>	<b>Thu 21/10/21</b>	Jacking Pit and Thrust Block Portion															
12	Submission and approval of ELS plan amendment	30 days	Fri 2/11/18	Sat 1/12/18																
13	Re-submission and approval of ELS plan amendment	60 days	Wed 27/2/19	Sat 27/4/19																
14	Approval of re-submission (dated 2/5/2019; received on 21/5/2019)	0 days	Tue 21/5/19	Tue 21/5/19																
15	Consent application for sheetpile installation	28 days	Wed 22/5/19	Tue 18/6/19																
16	Submit BA14 for completion of Phase 1 & 2 sheetpile	23 days	Wed 19/6/19	Thu 11/7/19																
17	Amendment submission (re-phasing)	30 days	Fri 19/7/19	Sat 17/8/19																
18	Consent application for Phase 1 (new defined) excavation commencement	28 days	Sun 18/8/19	Sat 14/9/19																
19	Consent application for Ground Treatment Works	28 days	Tue 18/6/19	Mon 15/7/19																
20	Consent application for JP sheetpile opening works	28 days	Thu 2/7/20	Wed 29/7/20																
21	Submit BA14 for completion of Phase 1 (new defined) backfilling works	14 days	Sun 2/2/20	Sat 15/2/20																
22	Consent application for Phase 2 (new defined) excavation commencement	28 days	Sun 18/10/20	Sun 15/11/20																
23	Phase 2 (new defined) - Jacking Pit	868 days	Thu 29/11/18	Thu 21/10/21																
24	Mobilization	2 days	Thu 29/11/18	Fri 30/11/18																
25	Phase 1 - Install sheetpile for jacking pit	32 days	Wed 12/12/18	Mon 21/1/19																
26	Trial grouting for ground treatment works, sampling & testing	21 days	Fri 25/10/19	Mon 18/11/19																
27	Submit trial grouting assessment report	35 days	Tue 19/11/19	Tue 31/12/19																
28	Ground treatment works (full scale), sampling & testing	75 days	Thu 12/3/20	Sat 13/6/20																
29	Submit BA14 for completion of ground treatment works (including record plans and assessment report)	14 days	Thu 25/6/20	Wed 8/7/20																
30	Phase 2 (new defined)- Excavate and install struts and walings at jacking pit (including blinding layer)	28 days	Mon 11/1/21	Thu 11/2/21																
31	Water test for CW culvert pipe	14 days	Thu 16/9/21	Fri 1/10/21																
32	Phase 2 (new defined) - Backfilling	10 days	Mon 11/10/21	Thu 21/10/21																
33	Phase 1 (new defined) - Thrust Block Portion	247 days	Mon 6/5/19	Sat 29/2/20																
43	<b>Receiving Pit</b>	<b>884 days</b>	<b>Tue 27/11/18</b>	<b>Sat 6/11/21</b>	Receiving Pit															
44	Submission and approval of ELS plan	60 days	Tue 27/11/18	Fri 25/1/19																
45	Re-Submission and approval of ELS plan	60 days	Fri 15/3/19	Mon 13/5/19																
46	Approval of re-submission (dated 21/5/2019; received on 30/5/2019)	0 days	Thu 30/5/19	Thu 30/5/19																
47	Consent application for pipe pile and sheetpile installation	28 days	Mon 3/6/19	Sun 30/6/19																
48	Consent application for excavation commencement	28 days	Tue 23/2/21	Mon 22/3/21																
49	Advance works - Tree pruning, felling, removing street furniture, trial trench for existing utilities, break existing cable trap concrete support and slab, trial pit to existing outfall structure, protection work to nearby existing cable tray, hoarding	95 days	Mon 24/6/19	Wed 16/10/19																
50	Form platform	69 days	Thu 25/7/19	Wed 16/10/19																
51	Install pipe pile (30no.), sheetpile, pre-grout & curtain grout	150 days	Mon 21/10/19	Wed 22/4/20																
52	Submt BA14 for completion of installation of sheet pile, pipe pile	28 days	Thu 23/4/20	Wed 27/5/20																
53	Install pumping well & observation well	21 days	Thu 23/4/20	Tue 19/5/20																
54	Preparation works for road closure at outfall road (SI no. 45)	36 days	Tue 9/6/20	Wed 22/7/20																
55	Excavate and divert existing DN300&DN200 FS pipes	80 days	Thu 23/7/20	Tue 27/10/20																
56	Open cut excavation down to outfall chamber top	20 days	Wed 28/10/20	Thu 19/11/20																
57	Removal of existing mud inside outfall chamber and inspection for fabrication of penstock	5 days	Wed 9/12/20	Mon 14/12/20																
58	A&A work for extension of outfall chamber up to ~+6.0mPD + backfill	35 days	Fri 20/11/20	Fri 1/1/21																
59	A&A work for extension of outfall chamber up to +8.506mPD	15 days	Sat 2/1/21	Tue 19/1/21																
60	Install penstock	5 days	Tue 4/5/21	Sat 8/5/21																
61	Installation of baffle plate	4 days	Thu 19/8/21	Mon 23/8/21																
62	Metal works for outfall chamber	15 days	Mon 2/8/21	Wed 18/8/21																
63	Installation of top railing for outfall chamber	2 days	Fri 5/11/21	Sat 6/11/21																
64	Pumping test	12 days	Thu 14/1/21	Wed 27/1/21																
65	Consent application for RP excavation work (stage 2A)	28 days	Thu 28/1/21	Mon 1/3/21																
66	Excavate RP, install struts and walings & blinding concrete (stage 2A) (before incident)	54 days	Tue 2/3/21	Mon 3/5/21																
67	Water leakage incident investigation and remedial works & BD submission	67 days	Tue 4/5/21	Tue 20/7/21																
68	Excavate RP & blinding concrete (stage 2A) (after incident)	14 days	Wed 21/7/21	Thu 5/8/21																
69	Demolition of existing outfall structure (1st stage for TBM extraction)	5 days	Fri 6/8/21	Wed 11/8/21																
70	Demolition of existing outfall structure (2nd stage remaining part)	14 days	Thu 12/8/21	Fri 27/8/21																
71	BD amendment for changes from horizontal grout to vertical grout	30 days	Tue 15/12/20	Wed 20/1/21																
72	Consent application for vertical grout block at RP (stage 2B)	28 days	Fri 15/1/21	Tue 16/2/21																
73	Preparation works for vertical grout	30 days	Tue 15/12/20	Wed 20/1/21																
74	Full Scale Ground treatment works (vertical grouting), sampling & testing (stage 2B)	50 days	Wed 17/2/21	Thu 15/4/21																
75	Submit BA14 for completion of ground treatment works (including records plans and assessment report)	14 days	Fri 16/4/21	Thu 29/4/21																
76	Consent application for pipe pile opening works	28 days	Fri 23/4/21	Thu 20/5/21																
77	Pipe pile opening works	7 days	Fri 6/8/21	Fri 13/8/21																
78	Extraction of TBM	4 days	Sat 14/8/21	Wed 18/8/21																

Paul Y Construction Co., Ltd.

Task ■ Split ■ Milestone ◆ Summary  Project Summary  External Tasks  Critical  Critical Split  Progress

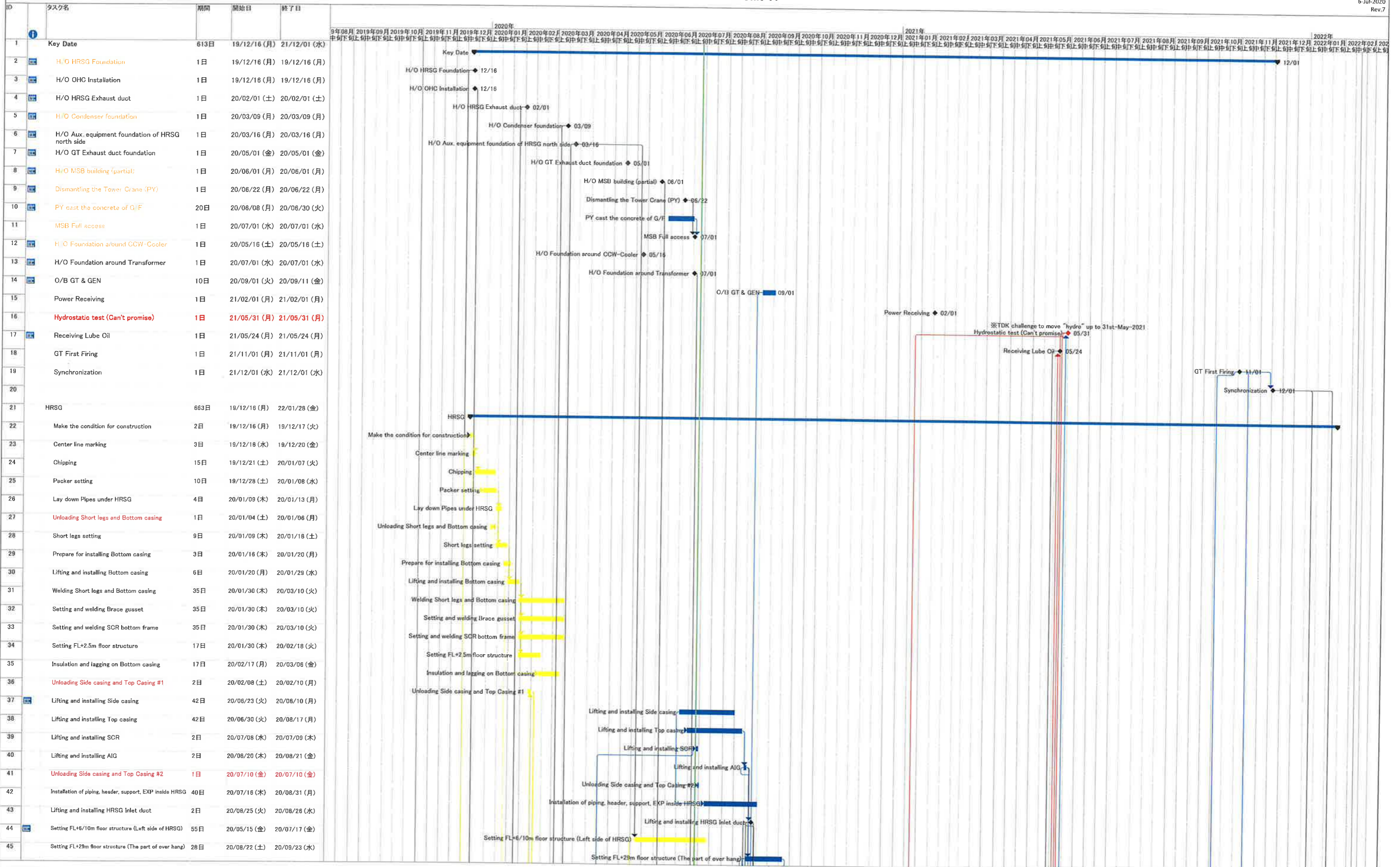
Revised Works Programme for 2no. DN1800 CW Outlet Pipes Installation - Culvert Outfall No. 4 + GRS Works

No.4 Outfall AA+GRS (Rev.13) (21-7-2021)



Construction Schedule of Unit-11

6-Jul-2020  
Rev.7

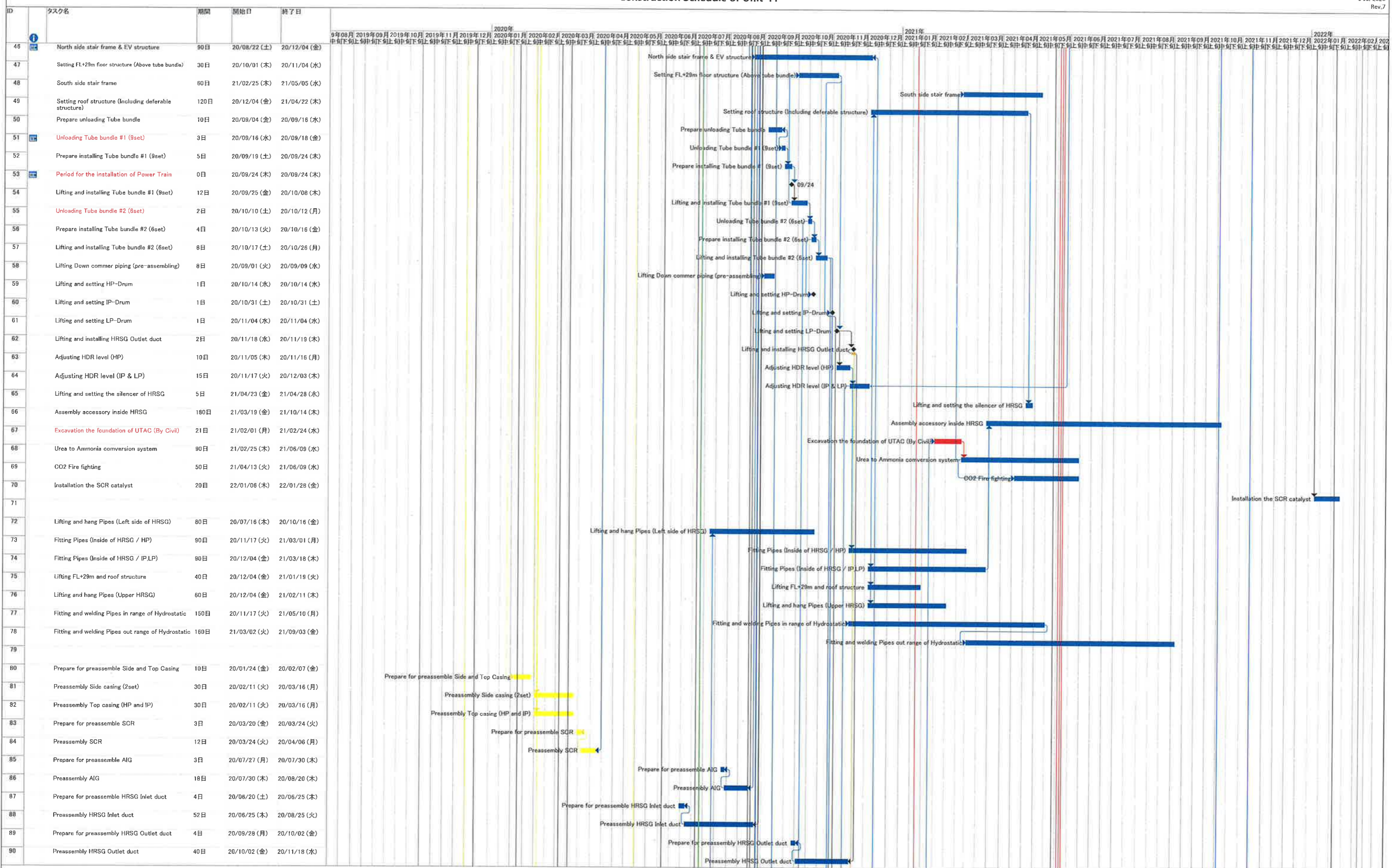


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  - ・ Installation HRSNG was re-started from 23rd-Jun
  - ・ Installation Exhaust duct was re-started from 15th-May
2. To consider that structure of Takasago portion is delayed

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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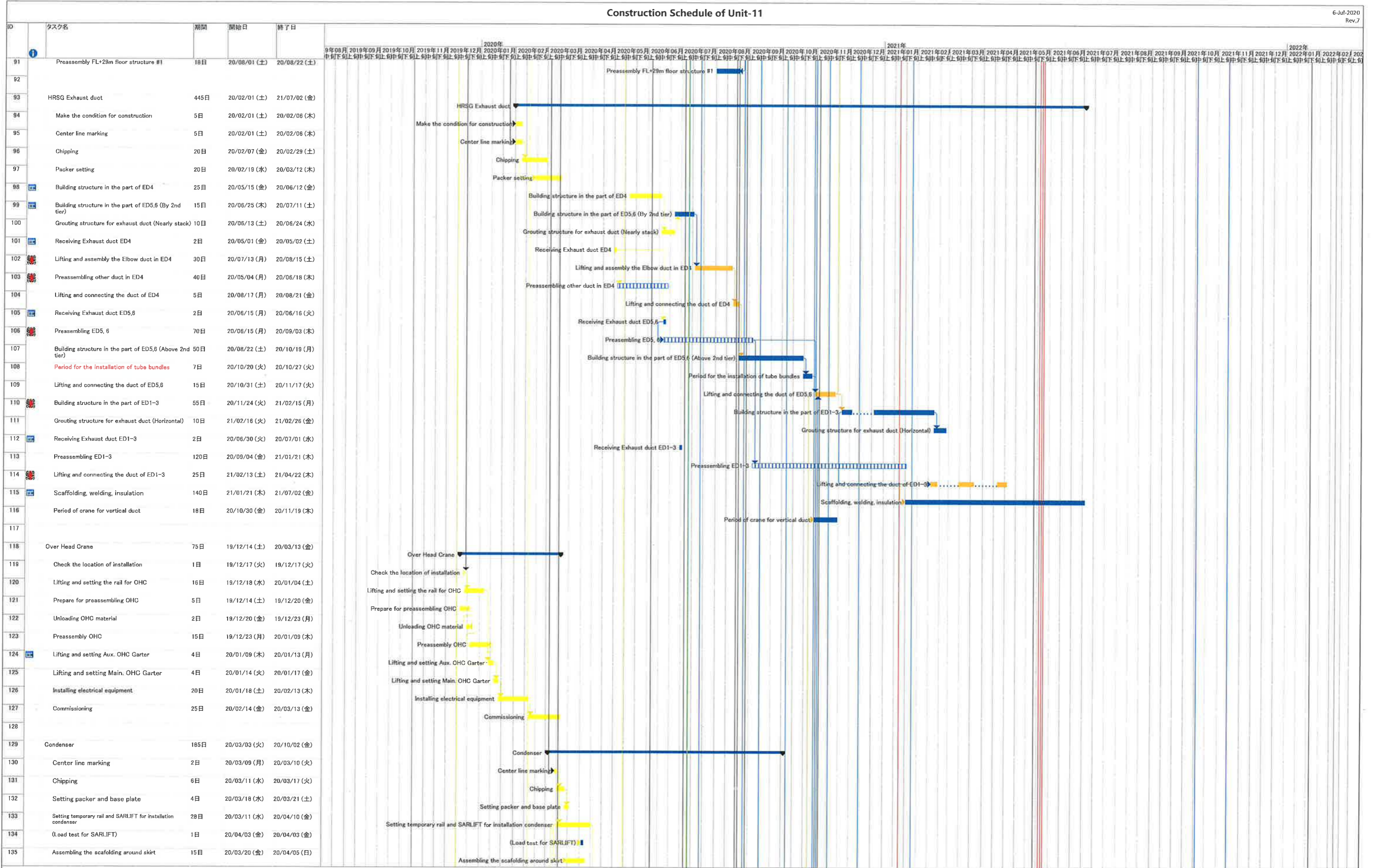


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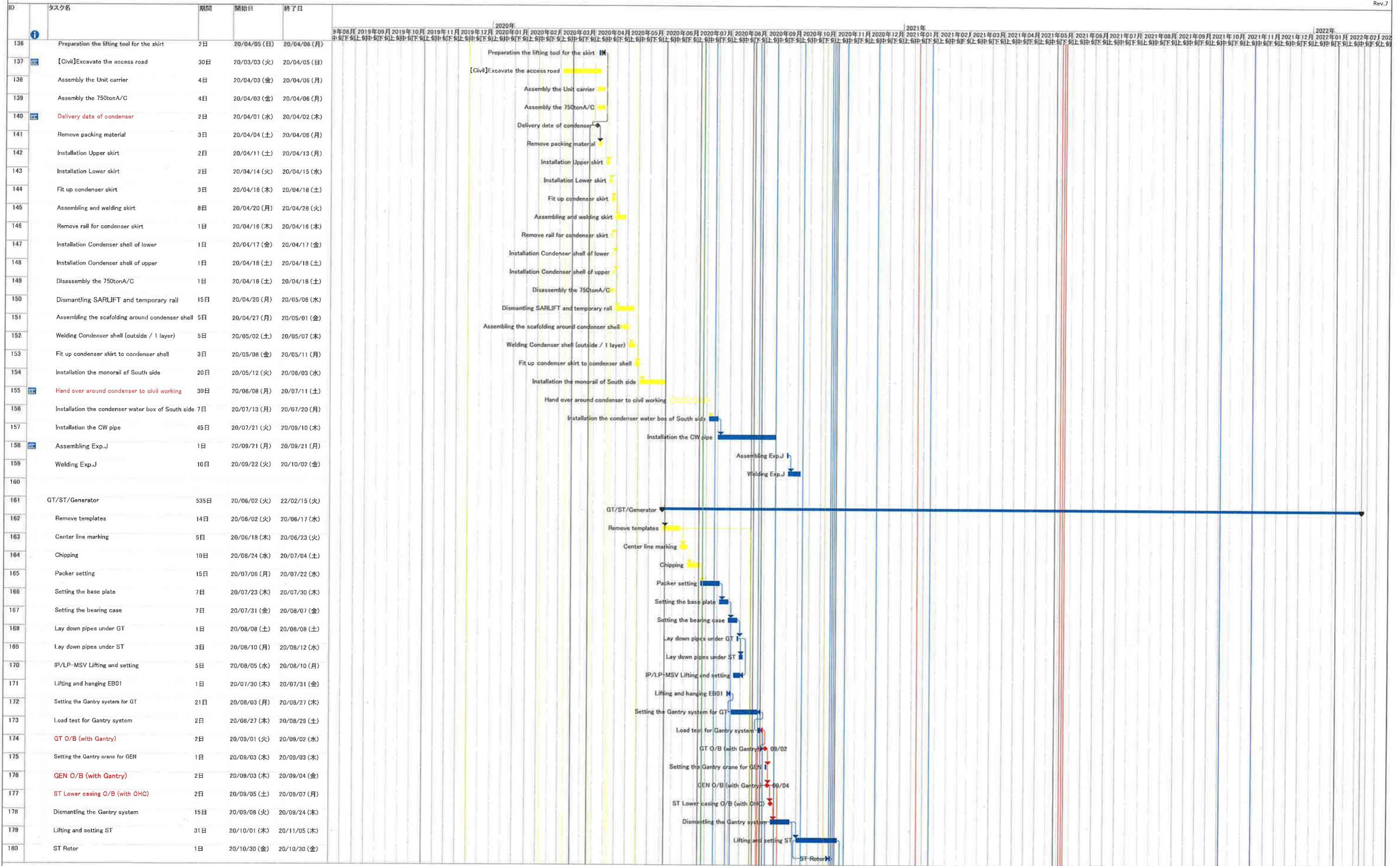


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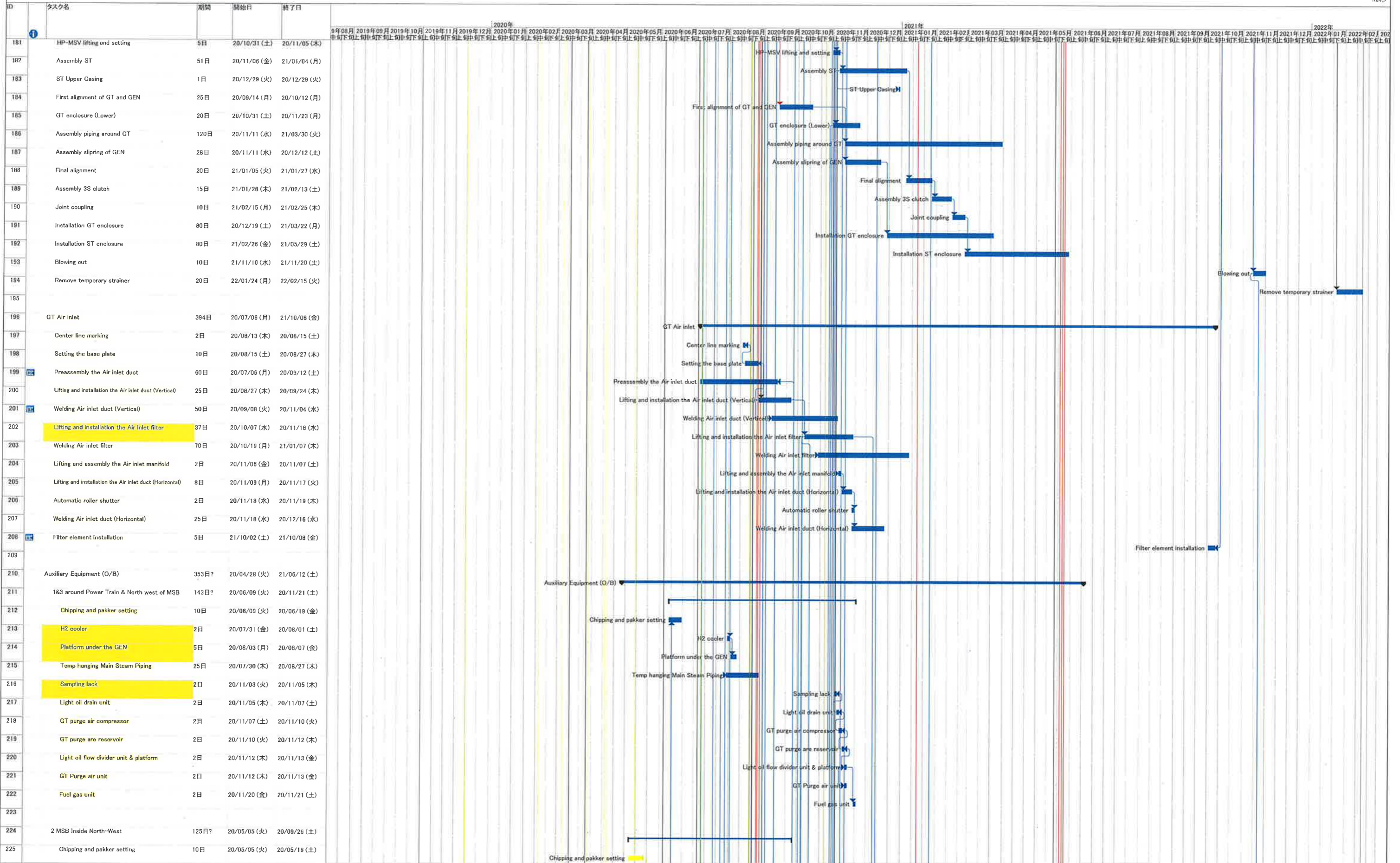


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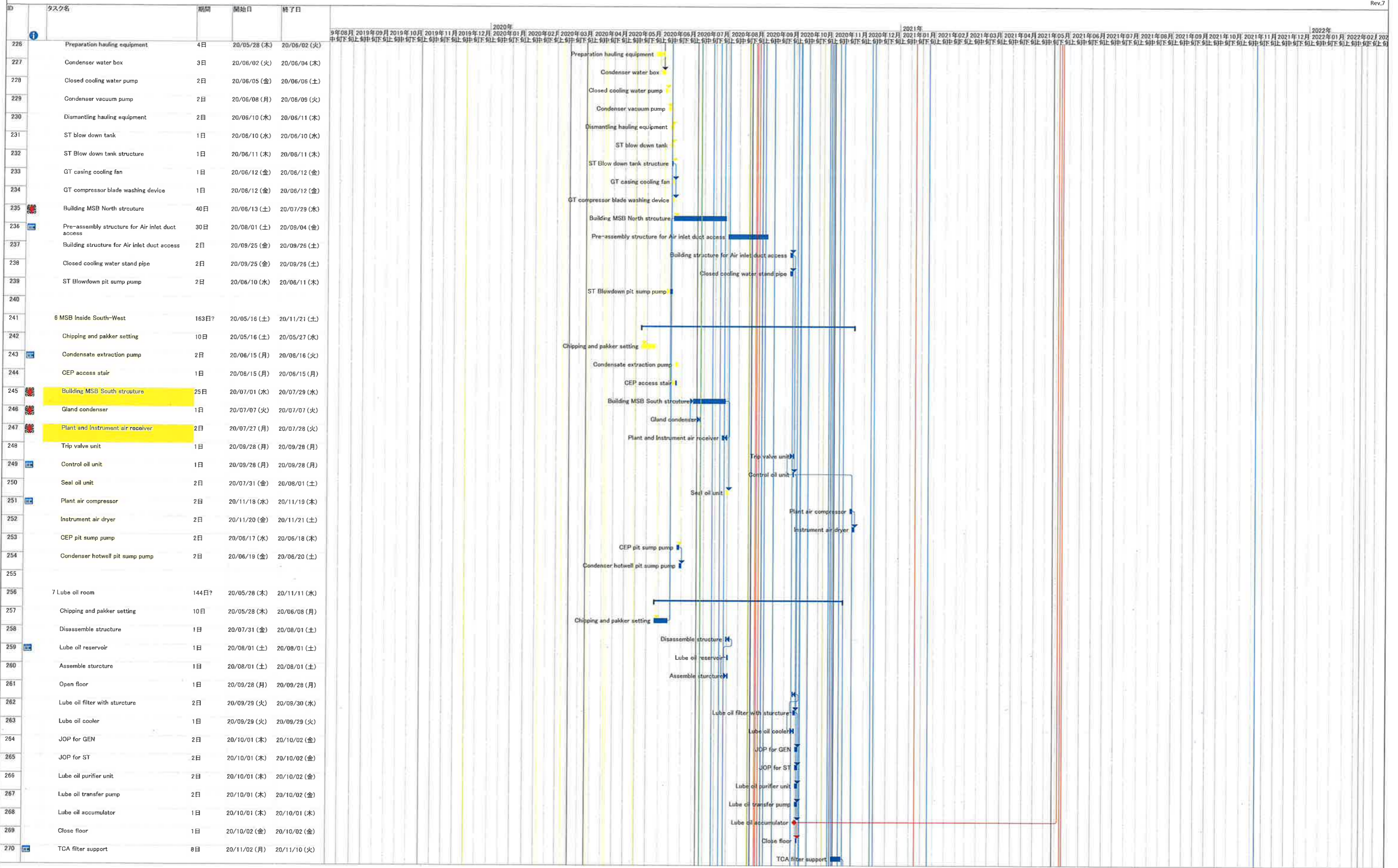


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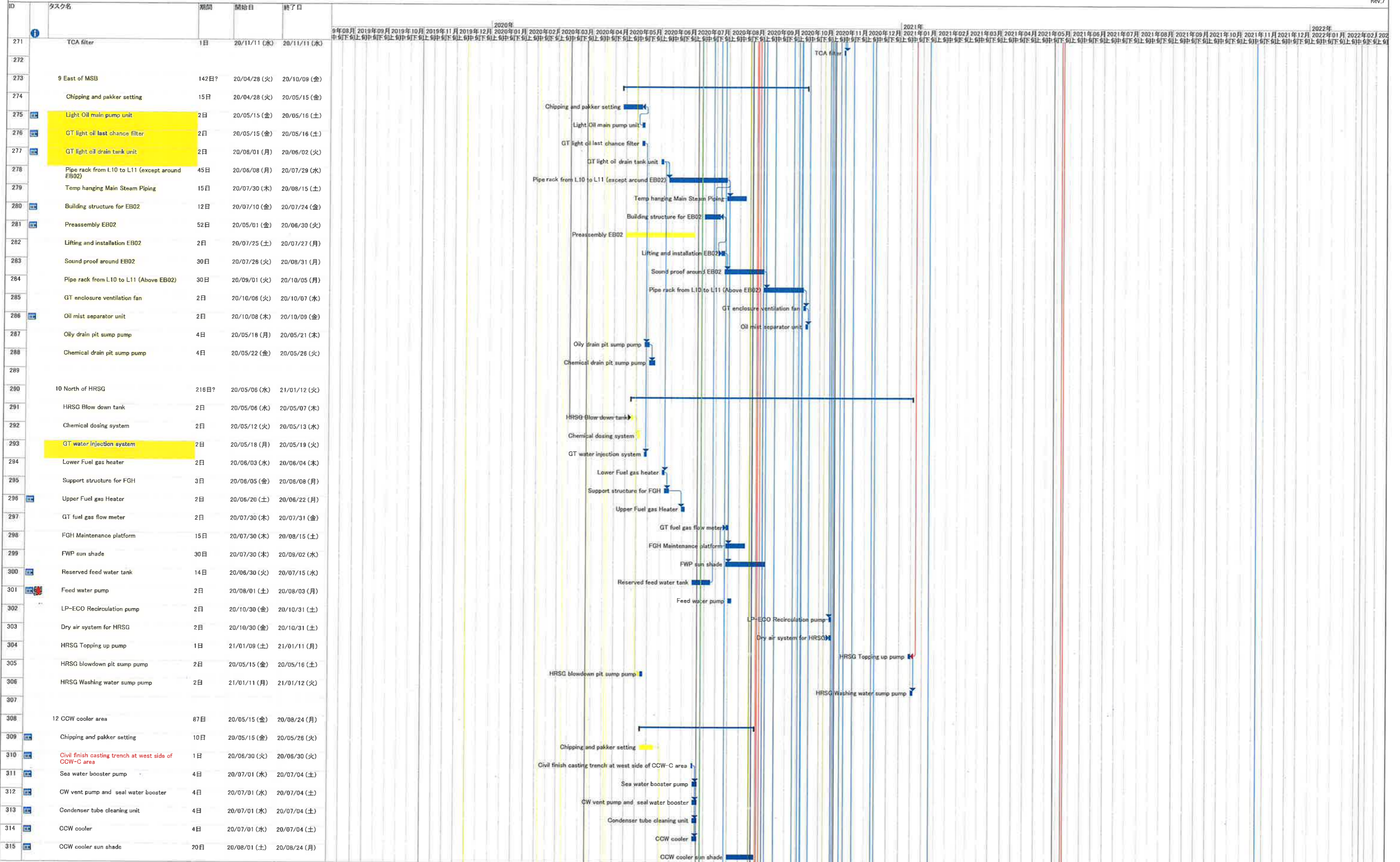
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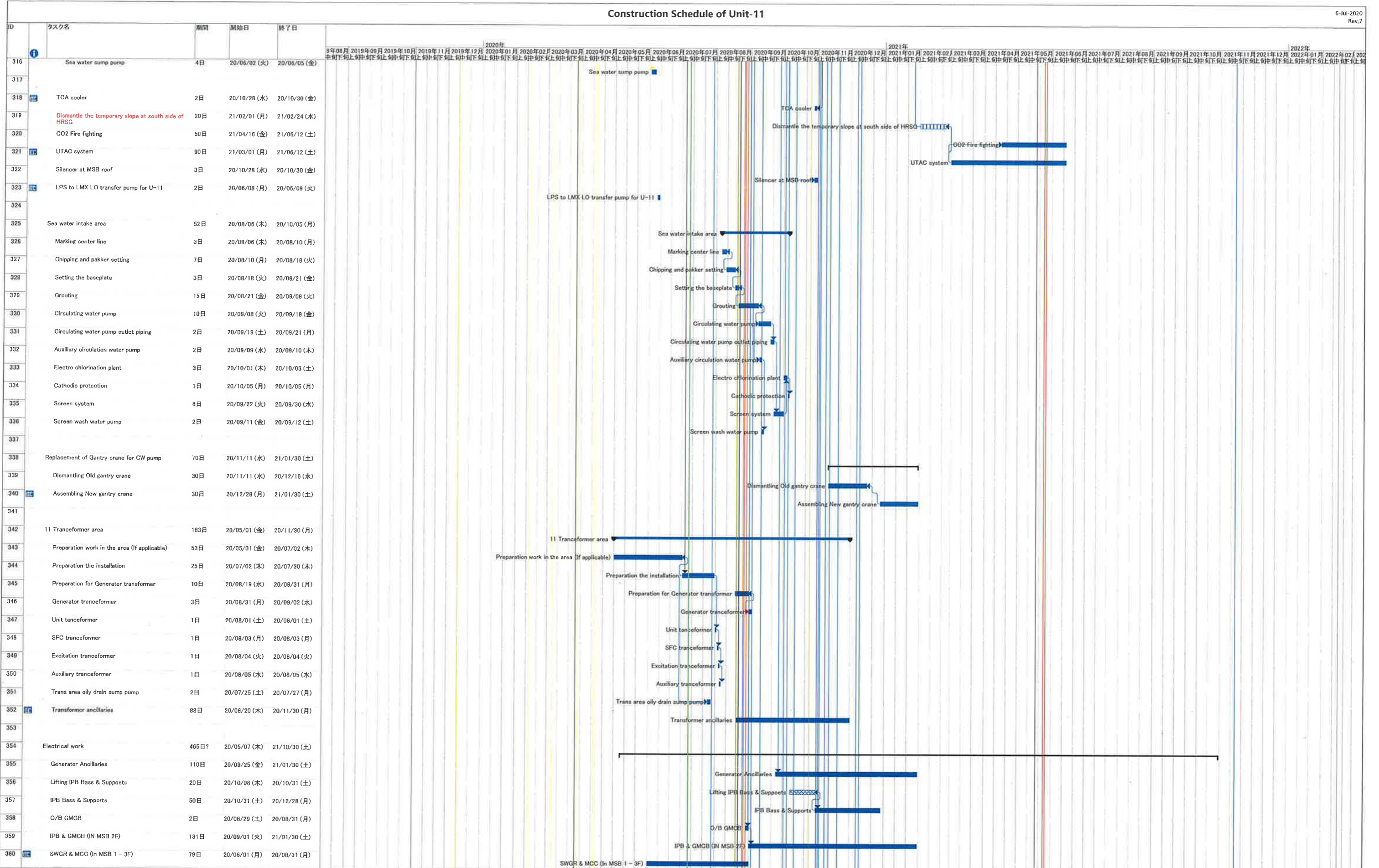


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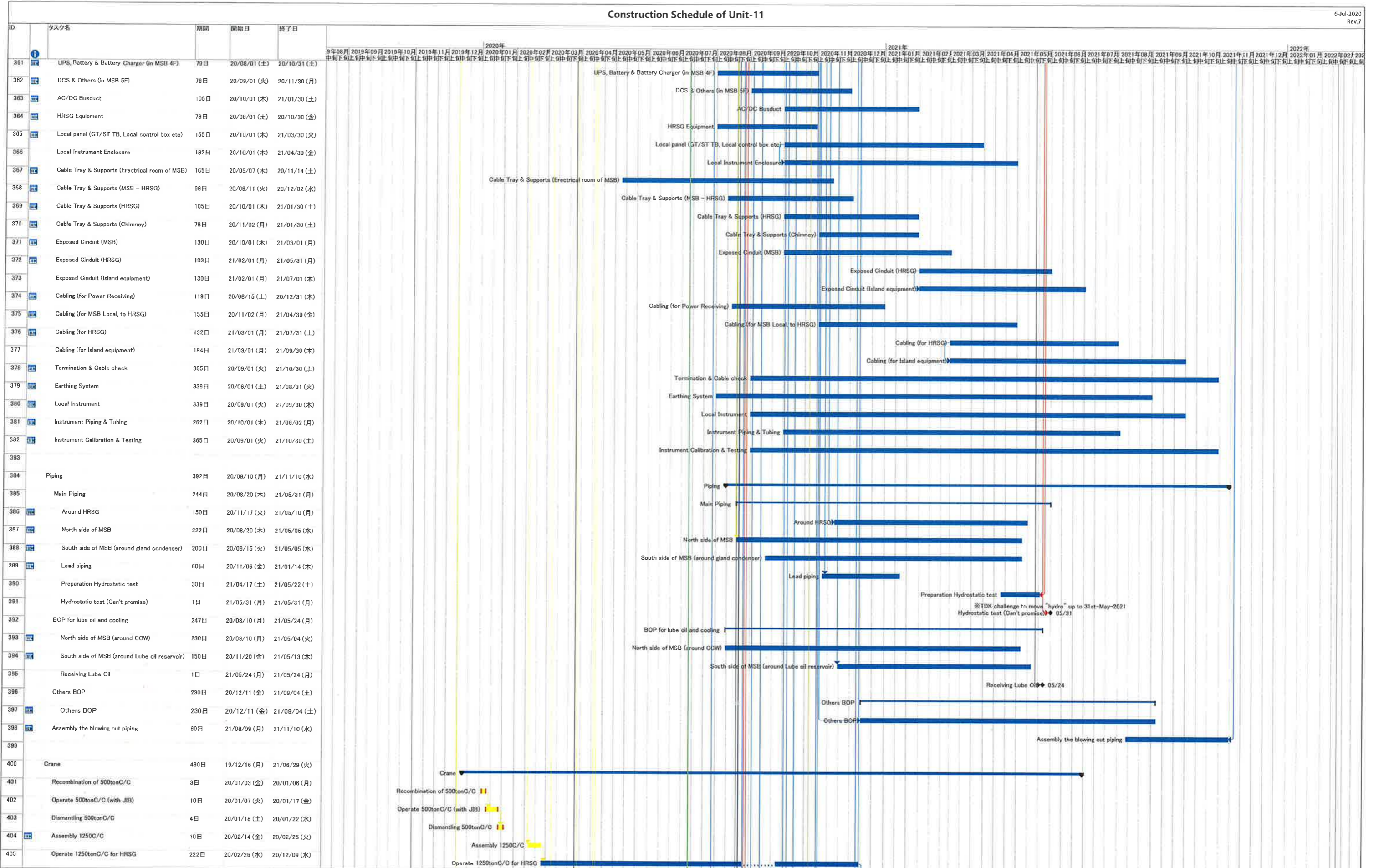


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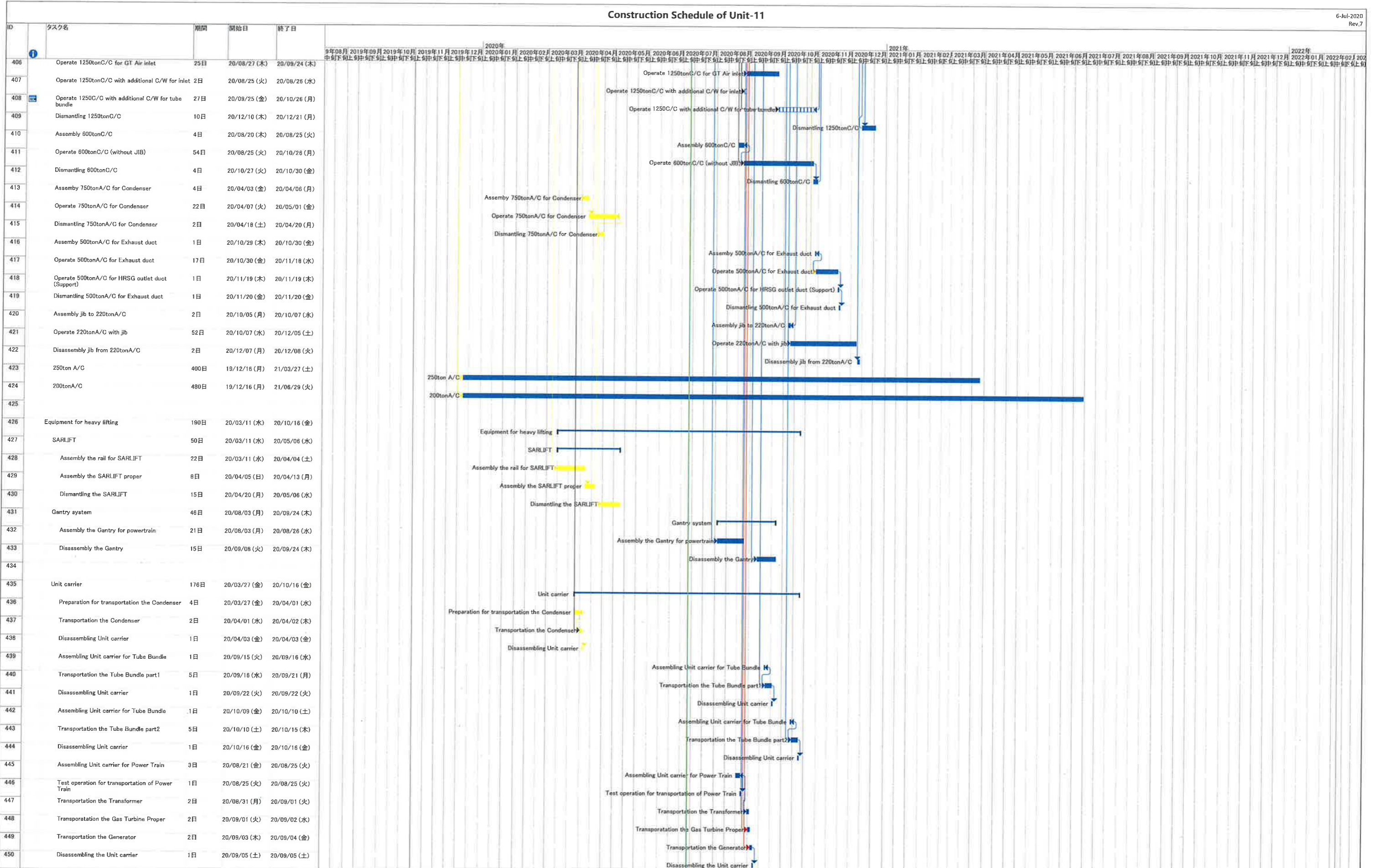


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Contract No. 19/83002 Lamma Power Station Extension Civil and Building Works for Unit L12

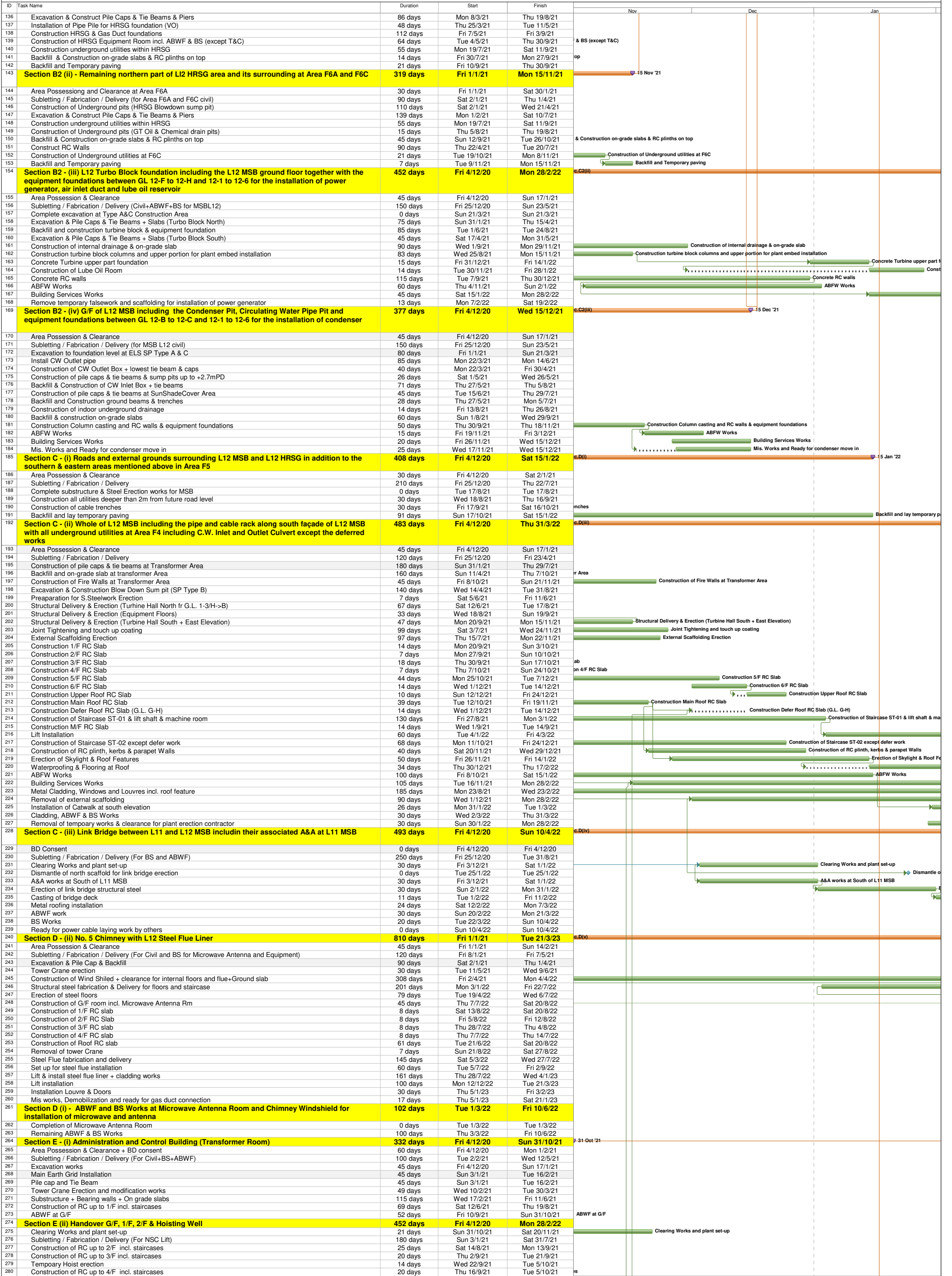
Master Programme

Table with columns: ID, Task Name, Duration, Start, Finish, and Gantt chart area with monthly markers (Nov, Dec, Jan). Rows include sections like KEY DATES & MILESTONES, SITE POSSESSION DATES, COMPLETION DATES as per PS1.4.2 Time for Completion, GENERAL & PRELIMINARY, TECHNICAL SUBMISSION AND APPROVAL, CONSTRUCTION, and Section A1/A2/A3 External Works.

MASTER PROGRAMME Rev 1-B 23 Aug 2021. Includes logo for Pauly and a legend for Task, Split, Milestone, and Summary.

Contract No. 19/83002 Lamma Power Station Extension Civil and Building Works for Unit L12

Master Programme



Contract No. 19/83002 Lamma Power Station Extension Civil and Building Works for Unit L12

Master Programme

Main project schedule table with columns for ID, Task Name, Duration, Start, Finish, and a Gantt chart area showing task bars and dependencies across months from Nov to Jan.



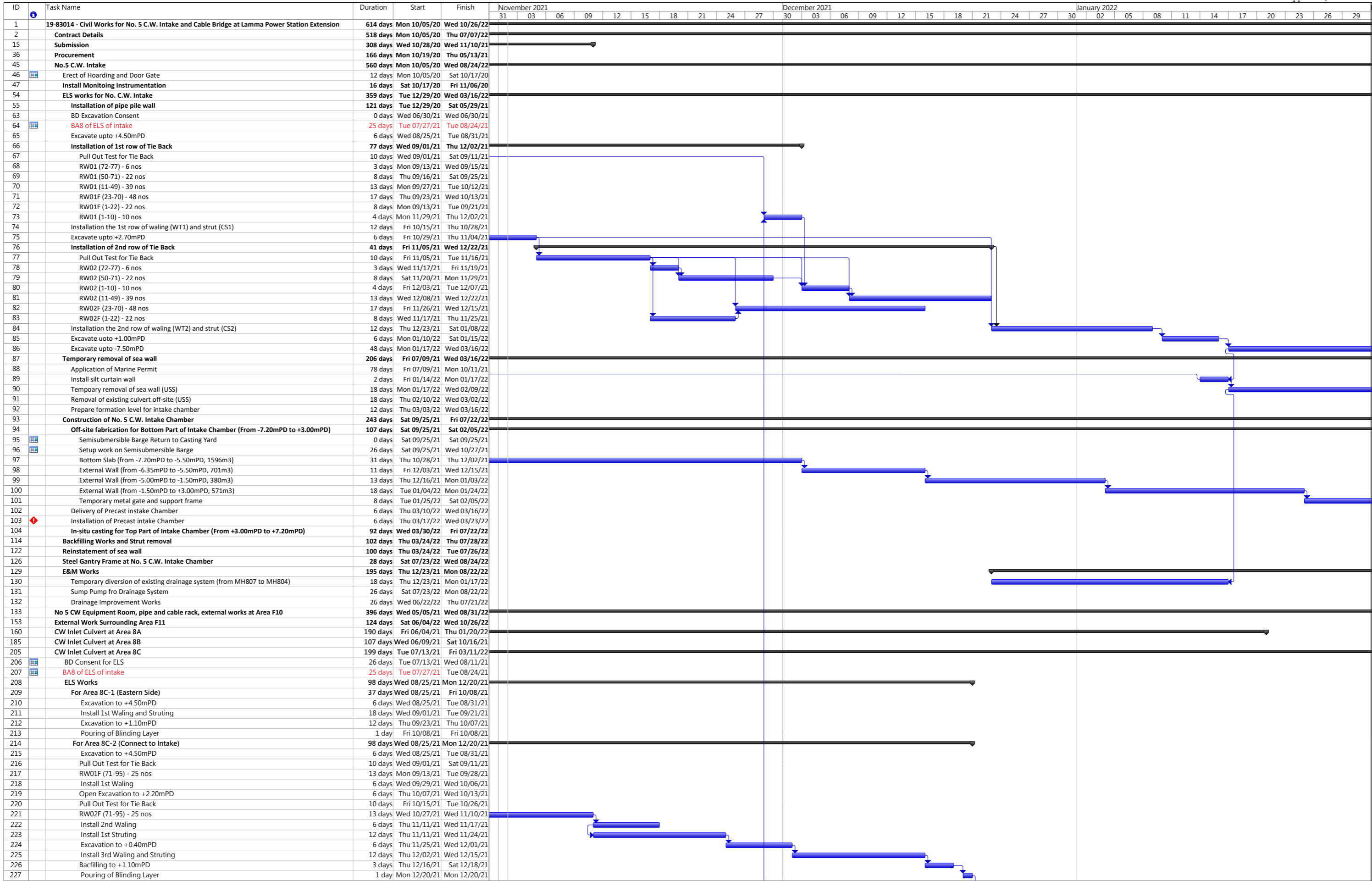
**Contract No. 19/83002 Lamma Power Station Extension Civil and Building Works for Unit L12**

**Master Programme**

ID	Task Name	Duration	Start	Finish	Timeline
435	Demolition of existing carriageway	60 days	Fri 1/10/21	Mon 29/11/21	Nov - Dec
436	Removal of aboveground services	21 days	Tue 30/11/21	Mon 20/12/21	Dec
437	Utilities scanning and expose existing UU	21 days	Tue 21/12/21	Mon 10/1/22	Dec - Jan
438	Arrange of diversion existing UG utilities	30 days	Tue 11/1/22	Wed 9/2/22	Jan
439	Install Sheetpiles	55 days	Thu 10/2/22	Tue 5/4/22	Jan - Feb
440	BA14 for sheetpile and BD consent for ELS	28 days	Wed 6/4/22	Tue 3/5/22	Feb
441	Excavation and construction of new Flood wall	90 days	Wed 4/5/22	Mon 1/8/22	Feb - Apr
442	Realignment / install new UG utilities	30 days	Tue 2/8/22	Wed 31/8/22	Aug
443	Backfill and construct new carriageway	21 days	Thu 1/9/22	Wed 21/9/22	Sep
444	Mis. Work for completion	9 days	Thu 22/9/22	Fri 30/9/22	Sep
445	<b>Section G (ix) - Bund wall modification works at South Seafront Road at Area F21</b>	<b>316 days</b>	<b>Fri 4/12/20</b>	<b>Fri 15/10/21</b>	Nov - Oct
446	Area Possession & Clearance	45 days	Fri 4/12/20	Sun 17/1/21	Nov
447	Subletting / Fabrication / Delivery	90 days	Fri 25/12/20	Wed 24/3/21	Nov
448	Temporary Traffic Arrangement approval	165 days	Fri 4/12/20	Mon 17/5/21	Nov
449	ELS BD approval & consent	0 days	Thu 17/12/20	Thu 17/12/20	Nov
450	Demolition of existing carriageway	14 days	Tue 18/5/21	Mon 31/5/21	May
451	Removal of aboveground services	14 days	Tue 1/6/21	Mon 14/6/21	Jun
452	Utilities scanning and expose existing UU	21 days	Tue 15/6/21	Mon 5/7/21	Jun
453	Arrange of diversion existing UG utilities (include FS pipe under 17/8002)	40 days	Tue 6/7/21	Sat 14/8/21	Jun
454	Excavation and expose existing bund wall & demolish	18 days	Wed 28/7/21	Sat 14/8/21	Jul
455	Construction new bund wall for road junction	21 days	Sat 4/9/21	Fri 24/9/21	Sep
456	Realignment / install new UG utilities (include FS pipe under 17/8002)	60 days	Sun 1/8/21	Wed 29/9/21	Aug
457	Backfill and construct new carriageway	16 days	Thu 30/9/21	Fri 15/10/21	Sep
458	Mis. Work for completion	5 days	Mon 11/10/21	Fri 15/10/21	Oct
459	<b>Section G (x) - DAX Cable Diversion Works (from Part I to Part IV)</b>	<b>758 days</b>	<b>Fri 4/12/20</b>	<b>Sat 31/12/22</b>	Nov - Dec
460	Temporary Traffic Arrangement approval	14 days	Fri 4/12/20	Thu 17/12/20	Nov
461	Subletting / Fabrication / Delivery	90 days	Fri 25/12/20	Wed 24/3/21	Nov
462	Area Possession & Clearance	45 days	Fri 4/12/20	Sun 17/1/21	Nov
463	Identification of existing cable trench	7 days	Mon 18/1/21	Sun 24/1/21	Jan
464	Part 1 Re-excavation works incl.construction of joint bay (at Water Reservoir Road)	246 days	Mon 25/1/21	Mon 27/9/21	Jan - Sep
465	Part 1 Re-excavation works incl construction of joint bay (other than Reservoir road base on revised routing)	310 days	Mon 25/1/21	Tue 30/11/21	Jan - Oct
466	Part 2 Re-excavation works incl. joint bay	120 days	Mon 1/11/21	Mon 28/2/22	Nov
467	Part 3 Re-excavation works incl. joint bay	242 days	Mon 1/11/21	Thu 30/6/22	Nov
468	Part 4 Re-excavation works incl. joint bay & new oil tank pits	92 days	Sat 1/10/22	Sat 31/12/22	Oct
469	Backfill & Reinstatement Part 1	61 days	Mon 1/11/21	Fri 31/12/21	Nov
470	Backfill & Reinstatement Part 2	61 days	Sun 1/5/22	Thu 30/6/22	May
471	Backfill & Reinstatement Part 3	61 days	Thu 1/9/22	Mon 31/10/22	Sep
472	<b>Section H - All remaining works shall be completed for reporting completion to BD and ready for OP inspection (PS1.4.4)</b>	<b>775 days</b>	<b>Wed 17/11/21</b>	<b>Sun 31/12/23</b>	Nov - Dec
473	<b>Deferred works (MSB &amp; HRS) Listed in PS 1.4.4</b>	<b>272 days</b>	<b>Wed 17/11/21</b>	<b>Mon 15/8/22</b>	Nov
474	Construction of L12 MSB roof between GL12-G to 12-H and 12-2 to 12-6 after the overhead crane installation by the Employer's Specialist Contractors	38 days	Wed 17/11/21	Fri 7/1/22	Nov
475	Construction of walls of L12 MSB below 1/F along GL 12-6 from GL12-B to 12-C and the associated staircases including the enclosure walls between G/F and 1/F. The Contractor shall allow access for the Employer's Specialist Contractors to use the hoisting we	92 days	Mon 16/5/22	Mon 15/8/22	May
476	Provision in associated with hoisting well	21 days	Mon 6/6/22	Sun 26/6/22	Jun
477	Construction of internal partition wall at 1/F of L12 MSB along GL 12-C from GL 12-2 to 12-3 AND North Façade at 1/F of L12 MSB along GL 12-1 from GL 12-B to 12-C	30 days	Sat 16/4/22	Sun 15/5/22	Apr
478	Construction of metal fence and the associated Fire Services (F.S.) installations and installation of removable shelter at Transformer Area	92 days	Mon 16/5/22	Mon 15/8/22	May
479	<b>Deferred works (DAX1 and DAX2 ) Listed in PS 1.4.4</b>	<b>334 days</b>	<b>Wed 1/2/23</b>	<b>Sun 31/12/23</b>	Feb
480	Backfilling of whole DAX1 compartment inside existing joint bay "STJ12" and the new oil tank pit A located aside existing joint bay "STJ12".	59 days	Wed 1/2/23	Fri 31/3/23	Feb
481	Re-excavation of whole DAX2 compartment inside existing joint bay "STJ12".	61 days	Tue 1/8/23	Sat 30/9/23	Aug
482	Backfilling of whole DAX2 compartment inside existing joint bay "STJ12" and the new oil tank pit B located aside existing joint bay "STJ12".	61 days	Wed 1/11/23	Sun 31/12/23	Nov
483	<b>Deferred works (External Work) Listed in PS 1.4.4</b>	<b>121 days</b>	<b>Thu 1/12/22</b>	<b>Fri 31/3/23</b>	Dec
484	Final reinstatement of access roads and pavement surrounding and within L12 MSB and L12 HRS area	62 days	Thu 1/12/22	Tue 31/1/23	Dec
485	Installation of trench cover and road reinstatement of gas pipe and cable trenches within Area F5, F14, F16, F17 and F18.	90 days	Sun 1/1/23	Fri 31/3/23	Jan
486	Backfilling and road-reinstatement of 275kV cable trenches	90 days	Sun 1/1/23	Fri 31/3/23	Jan
487	All Remaining work ready for OP inspection	0 days	Tue 28/2/23	Tue 28/2/23	Feb
488	<b>STATUTORY SUBMISSION, INSPECTION &amp; APPROVAL</b>	<b>560 days</b>	<b>Tue 16/11/21</b>	<b>Mon 29/5/23</b>	Nov
489	<b>WSD Statutory Submission, Inspection and Approval WWO Part I to III Submission / Approval</b>	<b>256 days</b>	<b>Tue 16/11/21</b>	<b>Fri 29/7/22</b>	Nov
490	WSD: Submit to WSD Form WWO 046 Part I to II - FOR ACB Building (for Ext Works at later stage)	0 days	Tue 16/11/21	Tue 16/11/21	Nov
491	WSD: Vetting Form WWO 046 Part I and II Submission	90 days	Wed 17/11/21	Mon 14/2/22	Nov
492	WSD: Issued of Form WWO 046 Part III by WSD - FOR ACB Building	0 days	Tue 15/2/22	Tue 15/2/22	Feb
493	WSD: Prepare for 1st Amendment for Plumbing Plan	60 days	Tue 15/2/22	Fri 15/4/22	Feb
494	WSD: Submit to WSD 1st Amendment for Plumbing Plan	0 days	Fri 15/4/22	Fri 15/4/22	Apr
495	WSD: Vetting of Plumbing Plan by WSD	60 days	Sat 16/4/22	Tue 14/6/22	Apr
496	WSD: 1st Approval for Plumbing Plan by WSD	0 days	Tue 14/6/22	Tue 14/6/22	Jun
497	WSD: Prepare and Submit for Final Amendment for Plumbing Plan	45 days	Wed 15/6/22	Fri 29/7/22	Jun
498	WSD: Vetting and Final Approval for Plumbing Plan by WSD	0 days	Fri 29/7/22	Fri 29/7/22	Jul
499	<b>WSD Statutory Submission, Inspection and Approval WWO Part IV to V Fire Services Water Submission / Approval</b>	<b>33 days</b>	<b>Fri 29/7/22</b>	<b>Wed 31/8/22</b>	Jul
500	WSD: Form WWO 046 Part IV Submission (FS)	0 days	Fri 29/7/22	Fri 29/7/22	Jul
501	WSD: WSD Received Form WWO046 Part IV and arrange for inspection (FS)	7 days	Sat 30/7/22	Fri 5/8/22	Jul
502	WSD: WSD Inspection (FS)	7 days	Sat 6/8/22	Fri 12/8/22	Aug
503	WSD: WWO 046 Part V Endorsement by WSD (FS)	12 days	Sat 13/8/22	Wed 24/8/22	Aug
504	WSD: WSD Processing Water Supply Connection Certificate (FS)	7 days	Thu 25/8/22	Wed 31/8/22	Aug
505	WSD: Issue by WSD Water Supply Connection Certificate (FS)	0 days?	Wed 31/8/22	Wed 31/8/22	Aug
506	<b>WSD Statutory Submission, Inspection and Approval WWO Part IV to V Potable /Flush Water Submission / Approval</b>	<b>60 days</b>	<b>Fri 19/8/22</b>	<b>Tue 18/10/22</b>	Aug
507	WSD: Form WWO 046 Part IV Submission (Fresh/Flush)	0 days	Fri 19/8/22	Fri 19/8/22	Aug
508	WSD: WSD Acknowledge Form WWO 046	6 days	Sat 20/8/22	Thu 25/8/22	Aug
509	WSD: WSD Inspection with Testing to lead (Fresh/Fluhs)	12 days	Fri 26/8/22	Tue 6/9/22	Aug
510	WSD: Cleansing/Disinfecting Water Tanks / Piping System (Fresh/Flush)	6 days	Wed 7/9/22	Mon 12/9/22	Sep
511	WSD: Collection of Sample for Testing at Accredited Lab (Fresh/Flush)	12 days	Tue 13/9/22	Sat 24/9/22	Sep
512	WSD: Accredited Lab Testing Report of Sample to WSD	12 days	Sun 25/9/22	Thu 6/10/22	Sep
513	WSD: Vetting of Test Report by WSD	6 days	Fri 7/10/22	Wed 12/10/22	Oct
514	WSD: Issue of WWO 046 Part V (Fresh/Flush)	0 days	Wed 12/10/22	Wed 12/10/22	Oct
515	WSD: WSD Processing WW01005 Water Certification (Fresh/Flush)	6 days	Thu 13/10/22	Tue 18/10/22	Oct
516	WSD: Issue by WSD WW0 1005 Water Certification (Fresh/Flush)	0 days	Tue 18/10/22	Tue 18/10/22	Oct
517	<b>EMSD LIFT Statutory Submission, Inspection and Approval</b>	<b>45 days</b>	<b>Sat 26/3/22</b>	<b>Mon 9/5/22</b>	Mar
518	EMSD: Submission of Lift Form LE5 to EMSD	12 days	Sat 26/3/22	Wed 6/4/22	Mar
519	EMSD: EMSD Makes arrangement for Lift Installation	5 days	Thu 7/4/22	Mon 11/4/22	Apr
520	EMSD: EMSD Inspection to Lift Installation	14 days	Tue 12/4/22	Mon 25/4/22	Apr
521	EMSD: Processing Lift Certificate (Form LE6)	14 days	Tue 26/4/22	Mon 9/5/22	Apr
522	EMSD: Lift Issuance of Form 6 (Lift Certificate)	0 days	Mon 9/5/22	Mon 9/5/22	May
523	<b>HKE Transformer Final Inspection</b>	<b>120 days</b>	<b>Thu 30/6/22</b>	<b>Thu 27/10/22</b>	Jun
524	TX Room: Invite HKE For Transformer Room Inspection	7 days	Thu 30/6/22	Wed 6/7/22	Jun
525	TX Room: Give Access to Transformer Room for HKE Contractor	0 days	Wed 6/7/22	Wed 6/7/22	Jun
526	TX Room: Move-IN HKE Transformer Equipments	5 days	Thu 7/7/22	Mon 11/7/22	Jul
527	TX Room: Install HKE Transformer, MEP Works & Testing	90 days	Tue 12/7/22	Sun 9/10/22	Jul
528	TX Room: HKE Power Energization / Inspection	6 days	Mon 10/10/22	Sat 15/10/22	Oct
529	TX Room: Metering Installation	12 days	Sun 16/10/22	Thu 27/10/22	Oct
530	TX Room: HKE Power-ON Date	0 days	Thu 27/10/22	Thu 27/10/22	Oct
531	<b>DSD Drainage Completion Memo</b>	<b>65 days</b>	<b>Sun 2/10/22</b>	<b>Mon 5/12/22</b>	Oct
532	DSD: CCTV Survey Report on Completed Drainage	30 days	Sun 2/10/22	Mon 31/10/22	Oct
533	DSD: Submitted CCTV Report & Form HPB1 of Completed Drainage to DSD For Technical Audit	7 days	Tue 1/11/22	Mon 7/11/22	Nov
534	DSD: Completed Drainage System including TMC Inspection/Technical Audit by DSD	14 days	Tue 8/11/22	Mon 21/11/22	Nov
535	DSD: Preparation of Drainage Connection Completion Memo by DSD	14 days	Tue 22/11/22	Mon 5/12/22	Nov
536	DSD: Issue of Drainage Connection Completion Memo by DSD	0 days	Mon 5/12/22	Mon 5/12/22	Dec
537	<b>EPD Submission, Inspection and Approval</b>	<b>60 days</b>	<b>Thu 30/6/22</b>	<b>Mon 29/8/22</b>	Jun
538	EPD: License Application to EPD under APCO (Cap 311) for Generator Sets	0 days	Thu 30/6/22	Thu 30/6/22	Jun
539	EPD: Vetting of Application by EPD under APCO (Cap 311) for Generator Sets	60 days	Fri 1/7/22	Mon 29/8/22	Jun
540	EPD: Approval from EPD under APCO (Cap 311) for Generator Sets Installation	0 days	Mon 29/8/22	Mon 29/8/22	Aug
541	<b>FSD VAC Statutory Submission, Inspection and Approval</b>	<b>150 days</b>	<b>Wed 20/7/22</b>	<b>Fri 16/12/22</b>	Jul
542	Preparation of FSD VAC Drawings and Submission to HEC	60 days	Wed 20/7/22	Sat 17/9/22	Jul
543	HEC: Review and Approval	30 days	Sun 18/9/22	Mon 17/10/22	Sep
544	Preparation of VAC Drawings and Submission to FSD	30 days	Tue 18/10/22	Wed 16/11/22	Oct
545	FSD: Review and Approval	30 days	Thu 17/11/22	Fri 16/12/22	Nov
546	<b>FSD Statutory Submission, Inspection and Approval</b>	<b>91 days</b>	<b>Tue 28/2/23</b>	<b>Mon 29/5/23</b>	Feb
547	Testing and Commissioning (Individual System - FSI Related)	45 days	Tue 28/2/23	Thu 13/4/23	Feb
548	FSD: All Sections FS Ingration Test by NSC_BS	15 days	Fri 14/4/23	Fri 28/4/23	Apr
549	FSD: Completion of FS Integration Test by NSC_BS for FS314/501	0 days	Fri 28/4/23	Fri 28/4/23	Apr
550	FSD: Submit Form 213/314 & Form 501 Request for Inspection	0 days	Fri 28/4/23	Fri 28/4/23	Apr
551	FSD: FSD Makes Arrangement for Inspection	7 days	Sat 29/4/23	Fri 5/5/23	Apr
552	FSD: FSD Inspection	12 days	Sat 6/5/23	Wed 17/5/23	May
553	FSD: Completion of FS Inspection	0 days	Wed 17/5/23	Wed 17/5/23	May
554	FSD: FSD Processing FS Certificate Form 172	12 days	Thu 18/5/23	Mon 29/5/23	May
555	FSD: Issue of Fire Services FS Certificate Form 172	0 days	Mon 29/5/23	Mon 29/5/23	May
556	<b>PRACTICAL COMPLETION</b>	<b>216 days</b>	<b>Tue 30/5/23</b>	<b>Sun 31/12/23</b>	May
557	<b>BD Inspection</b>	<b>97 days</b>	<b>Tue 30/5/23</b>	<b>Sun 3/9/23</b>	May
558	BD: Application Form BA13 for OP Application	21 days	Tue 30/5/23	Mon 19/6/23	May
559	BD: BD Inspection Date	15 days	Tue 20/6/23	Tue 4/7/23	Jun
560	BD: Reinspection date with defects and rectification works	60 days	Wed 5/7/23	Sat 2/9/23	Jul
561	<b>BD: Obtain Occupation Permit (OP) from BD</b>	<b>1 day</b>	<b>Sun 3/9/23</b>	<b>Sun 3/9/23</b>	Sep
562	<b>As-Built Drawings &amp; Handover Documentation</b>	<b>120 days</b>	<b>Wed 14/6/23</b>	<b>Wed 11/10/23</b>	Jun
563	Prepare and Submit As-Built Drawings & Handover Documentation	45 days	Wed 14/6/23	Fri 28/7/23	Jun
564	Review and Approval	45 days	Sat 29/7/23	Mon 11/9/23	Jul
565	As-Built Drawings & Handover Documentation - Revision by MC	30 days	Tue 12/9/23	Wed 11/10/23	Sep
566	Revised As-Built Drawings & Handover Documentation - Final Submission	0 days	Wed 11/10/23	Wed 11/10/23	Oct
567	<b>Completion of the Whole Contract Works</b>	<b>119 days</b>	<b>Mon 4/9/23</b>	<b>Sun 31/12/23</b>	Sep
568	1st Client Inspection for Review and Comments	30 days	Mon 4/9/23	Tue 3/10/23	Sep
569	Defects and Rectification works	60 days	Wed 4/10/23	Sat 2/12/23	Oct
570	2nd Client Inspection	14 days	Sun 3/12/23	Sat 16/12/23	Dec
571	Minor Defects Rectification Works and Final Inspection	15 days	Sun 17/12/23	Sun 31/12/23	Dec
572	<b>PRACTICAL COMPLETION</b>	<b>0 days</b>	<b>Sun 31/12/23</b>	<b>Sun 31/12/23</b>	Dec







Project: 19-83014 - No. 5 Intake and Cable Br  
 Date: 04 Aug 2021  
 Rev. 5 - Combined L12 Area (Draft 0)

Task		Summary		External Milestone		Inactive Summary		Project Summary		Inactive Task		Manual Task		Manual Summary		Finish-only		Progress
Split																		Deadline
Milestone																		

ID	Task Name	Duration	Start	Finish	November 2021							December 2021							January 2022														
					31	03	06	09	12	15	18	21	24	27	30	03	06	09	12	15	18	21	24	27	30	02	05	08	11	14	17	20	23
228	<b>Install CW Inlet Pipe</b>	85 days	Sat 10/09/21	Thu 01/20/22																													
229	IP77 to IP92	12 days	Sat 10/09/21	Sat 10/23/21																													
230	M40A to M54	12 days	Mon 10/25/21	Sat 11/06/21																													
231	IP93 to IP101	12 days	Tue 12/21/21	Thu 01/06/22																													
232	M55 to M66	12 days	Fri 01/07/22	Thu 01/20/22																													
233	Construction of Thrust Box & Manholes, etc.	24 days	Fri 01/21/22	Mon 02/21/22																													
234	Backfill, UG Utilities and Road Paving	16 days	Tue 02/22/22	Fri 03/11/22																													

Project: 19-83014 - No. 5 Intake and Cable Br  
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Task		Summary		External Milestone		Inactive Summary		Manual Summary Rollup		Finish-only	
Split		Project Summary		Inactive Task		Manual Task		Manual Summary		Progress	
Milestone		External Tasks		Inactive Milestone		Duration-only		Start-only		Deadline	

