Issue No.:3Issue Date:February 2021Project No.:1825



CONSTRUCTION WORKS SCHEDULE AND LOCATION PLANS

FOR

PORT SHELTER PHASE 3, PO TOI O SEWERAGE TREATMENT PLANT EM&A

Prepared by

Allied Environmental Consultants Limited

COMMERCIAL-IN-CONFIDENCE

Issue No. : 3 Issue Date : February 2021 Project No. : 1825



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Certified by:

Verified by:

Timmy WONG Environmental Team Leader

Toam Jan Bearg

F.C. TSANG Independent Environmental Checker

Allied Environmental Consultants Limited Member of AEC Group (HKEX Stock Code: 8320.HK)



Our Ref: PL-202102011

Drainage Services Department Special Duty Division 42/F, Revenue Tower, 5 Gloucester Road, Wan Chai, Hong Kong.

Attention: Ms. Wing W.Y. Law

4 February 2021

Dear Wing,

Sewerage Works at Po Toi O Construction Works Schedule and Location Plans

I refer to the email from the ET concerning the captioned. I have no adverse comment on the Construction Works Schedule and Location Plans for Port Shelter Phase 3 Po Toi O sewerage Treatment Plant (Issue 3) and hereby verify this document in accordance with Condition 2.10 of the Environmental Permit with permit No EP-516/2016.

Website: www.acuityhk.com Unit C, 11/F., Ford Glory Plaza, Nos. 37-39 Wing Hong Street, Cheung Sha Wan, Kowloon, HK

Tel. : (852) 2698 6833

Fax.: (852) 2698 9383

Yours faithfully,

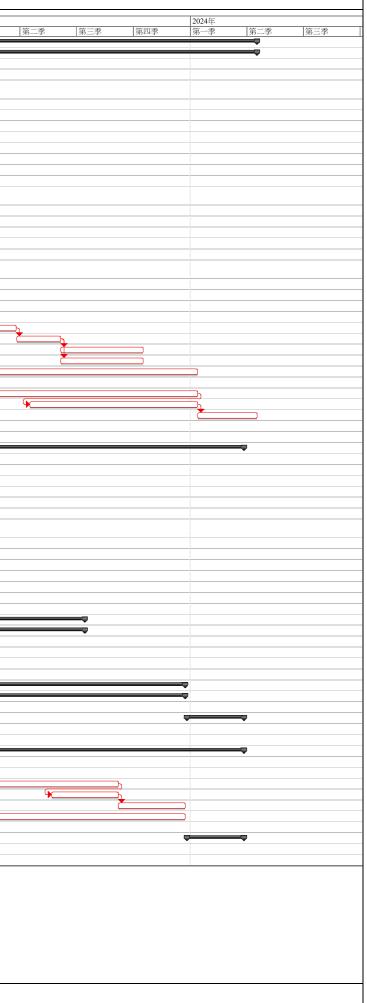
Toam Jan Bearg

F.C. Tsang Independent Environmental Checker

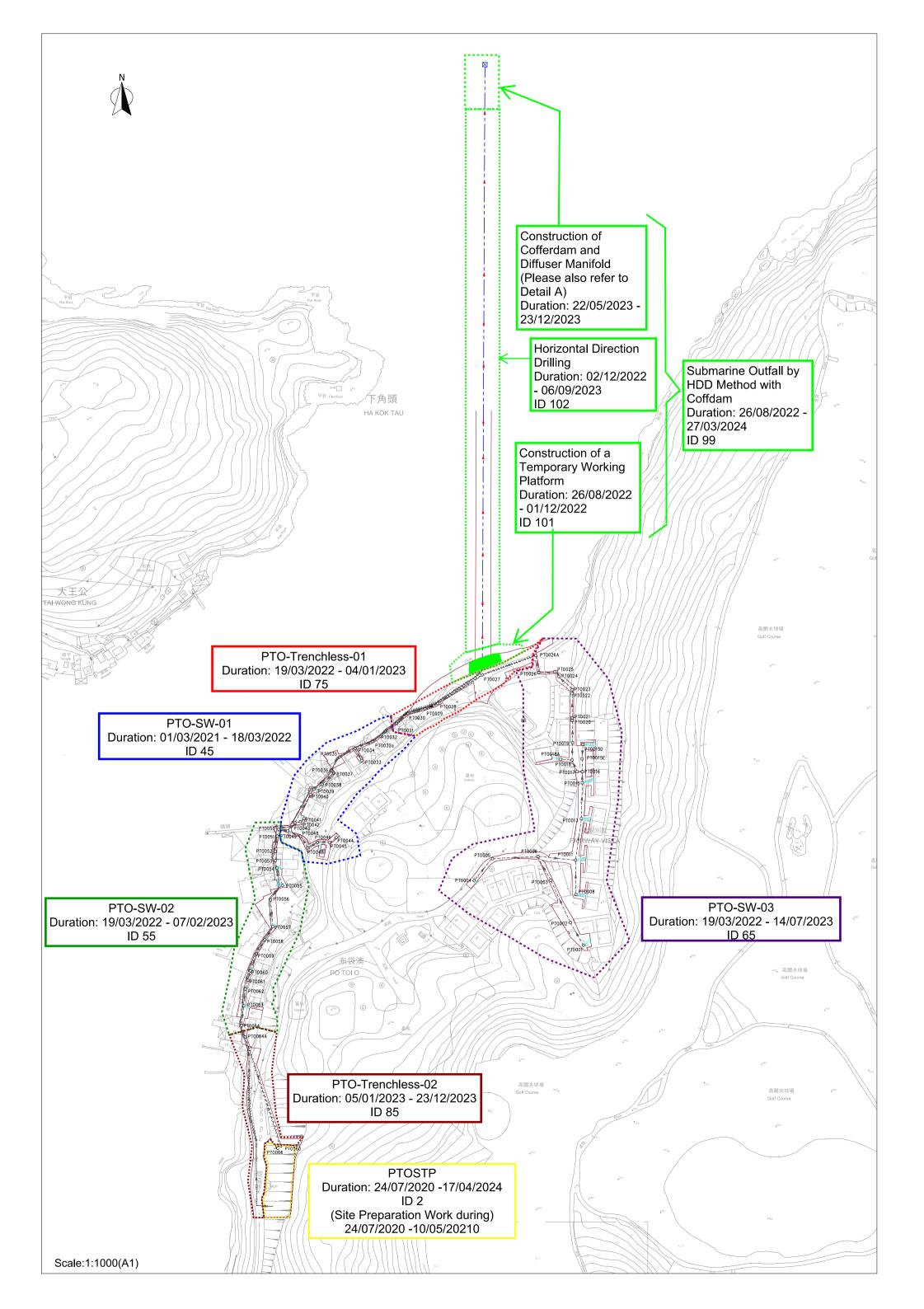
PORT SHELTER PHASE 3, PO TOI O SEWERAGE TREATMENT PLANT CONSTRUCTION WORKS SCHEDULE

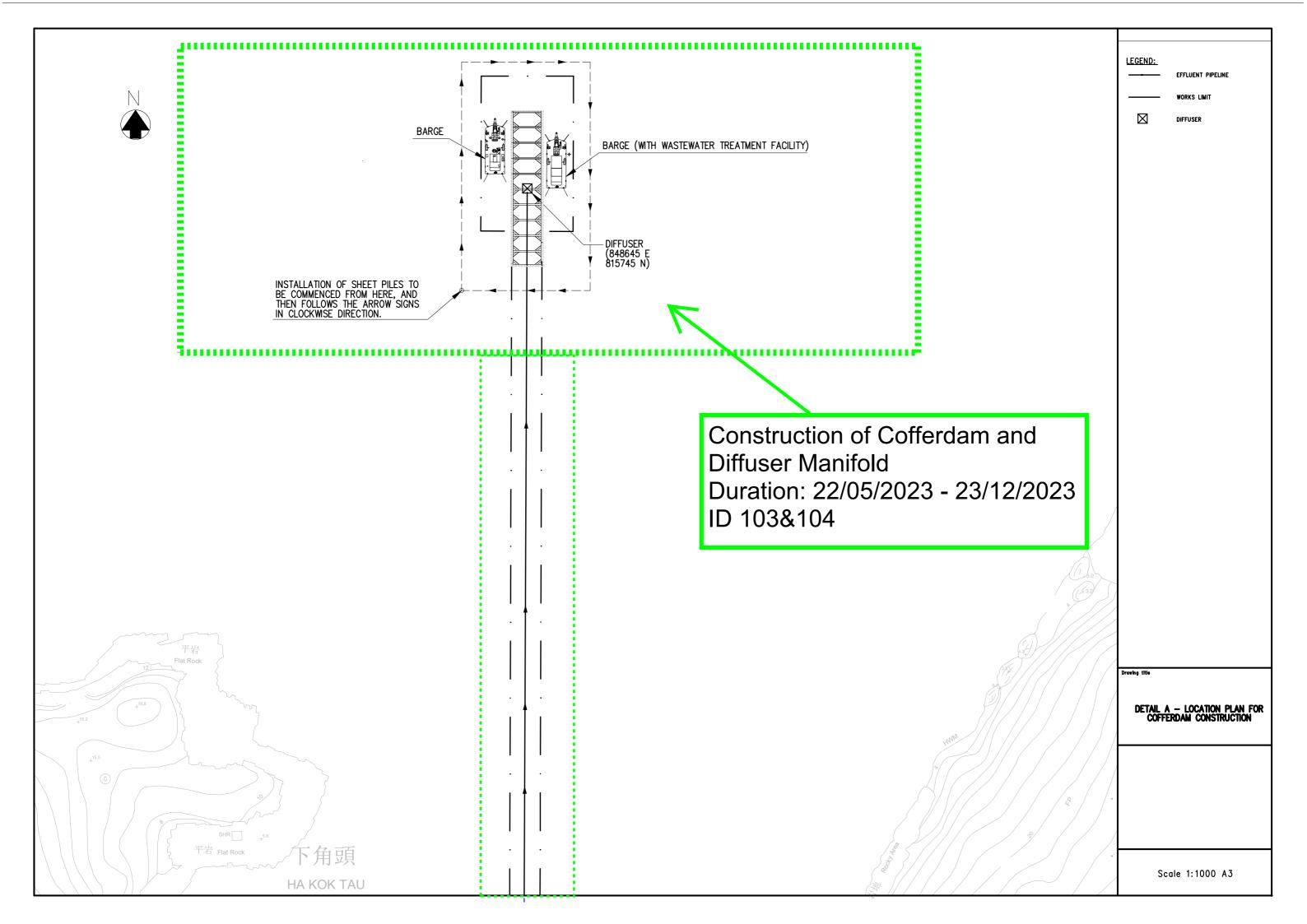
Project: Provision of Village Sewerage in Sai Kung			Drainage Services Department of HKSAR Provision of Village Sewerage in Sai Kung Contract No: DC/2019/09 Works Programme for PTO														
我別碼	Task Name	Duration	-	ercentage Completion of Date	Arter - at-	Atte mer alla	2021年				Arthe proof all	2022		htter	Mr all	Merry alls	2023年
1	Section 2 - Village Sewerage Works at Po Toi O and PTOSTP	1110 days	2020/7/24	ompleticn 0% 2024/4/17	第三季	第四季	第一季	第二 第二	_孚	第三季	第四季	第一	字	第二季	第三季	第四季	第一季
2	Po Toi O Sewage Treatment Plant (PTOSTP)	1110 days	2020/7/24	0% 2024/4/17	÷—												
3																	
4	Liaise with the village representative works to ensure the possession of construction site	75 days	2020/7/24	0% 2020/10/21													
5	Preperation works (i.e. TMLG meetings; Application for traffic advice for suspension of existing parking slot; Re-provision of existing RCP, etc.)	231 days	2020/7/24	0% 2021/4/29					Դ								
6	Environmental submissions	231 days	2020/7/24	0% 2021/4/29	•				1								
7	Possession of site (Access Date: 22nd October 2020)	1 day	2020/10/22	0% 2020/10/22	- <u>-</u>	ь К											
8	Installation of site hoardings at PTOSTP	50 days	2020/10/23	0% 2020/12/21		- <u>*</u>											
9	Mobilization of plant and equipment	10 days	2020/12/22	0% 2021/1/5			<u>_</u>										
10	Site clearance	95 days	2021/1/6	0% 2021/4/29					2								
11	Initial survey, UU detection and permit-to-dig	95 days	2021/1/6	0% 2021/4/29	- <mark>-</mark>				거								
12	Demonstra for exclusivel administra	7 4	2021/4/30	0% 2021/5/8	-				¥								
13 14	Preparation for geotechnical submissions Slope cutting (Total 2850 m3 solid materials to be removed, i.e. about 4275 m3 loosen materials. 23.8m3	7 days 148 days	2021/4/30	0% 2021/3/8	-												
14	loosen materials to be removed per day, i.e. 4 trips of dumping per day)	140 days	2021/3/10	0702021/11/4					4		1						
15	Installation of rock dowl (include drilling, rebar installation and grouting, etc.)	35 days	2021/11/5	0% 2021/12/15							č _	<u>_</u>					
16	Construction of anchorages for flexible barrier	40 days	2021/12/16	0% 2022/2/7									<u>_</u>				
17	Installation of flexible barriers	40 days	2022/2/8	0% 2022/3/25									<u> </u>	ᄀ			
18 19	Installation of sheetpile	28 days	2022/3/26	0% 2022/5/2	-									+			
20	, ·	110 days	2022/5/26	0% 2022/3/2										}			
	loosen materials. 23.8m3 loosen materials to be removed per day, i.e. 4 trips of dumping per day)																
21	Plate load test	14 days	2022/9/13	0% 2022/9/28												Č,	
22	Construction of raft footing	40 days	2022/9/29	0% 2022/11/16	-												
23 24	Construction of basement (below +13.25 mPD)	50 days	2022/11/17	0% 2023/1/17	-											C	<u> </u>
24 25	Construction of R.C. walls at 1st Floor	55 days	2023/1/18	0% 2023/3/25	-												
26	Construction of rooftop (below + 17.75 mPD)	55 days 55 days	2023/3/27	0% 2023/6/5	-												
27	External Finishes	110 days	2023/6/6	0% 2023/10/16													
28	Internal Finishes (incl. installation of Door & Window etc)	110 days	2023/6/6	0% 2023/10/16													
29	Landscape works & other associated works	797 days	2021/5/10	0% 2024/1/12													
30																	
31	E&M works	292 days	2023/1/18	0% 2024/1/12													
32 33	T&C (Stage 1) + T&C (Stage 2)	223 days 75 days	2023/4/17 2024/1/13	0% 2024/1/12 0% 2024/4/17	_												
34	T&C (Stage 3)	75 days	2024/1/13	0762024/4/17													
35			-														
36	Construction of PTO Village Sewerage	1096 days	2020/7/24	0% 2024/3/27													———
37	Liaise with the village representatives	90 days	2020/7/24	0% 2020/11/9													
38	Initial survey and photo-taking	90 days	2020/8/26	0% 2020/12/11													
39 40	UU Detection and application for permit-to-dig	90 days	2020/9/21	0% 2021/1/9		_											
40	Trial pit excavation (Access Date of PTO-B1-01: 22nd Oct 2020)	90 days	2020/10/22	0% 2021/2/8				1									
42	That pit excavation (Access Date of 110-D1-01, 22nd Oct 2020)	90 uays	2020/10/22	0762021/2/8				ļ									
43	Producing Layout plans showing the loction of terminal manholes, timber box and alignment of sewers and	83 days	2020/11/17	0% 2021/2/27													
	other associated preparation works																
44														_			
45 52	PTO-SW-01 (Open Trench, 18 nos. manholes (170m), and rising main(CH2+53.81 - CH4+36.66)	316 days	2021/3/1	0% 2022/3/18										-			
54			_											•			
54 55	PTO-SW-02 (Open Trench, 16nos. Manhole(145m), and a Section of Rising Main)	263 days	2022/3/19	0% 2023/2/7	1									~			
62		200 unjs		0,0,0,0,0,0,1,1										·			
64																	
65	PTO-SW-03 (Open Trench, 25 nos., Length: 360m)	390 days	2022/3/19	0% 2023/7/14													
72	Landscape works for PTO-SW-03	390 days	2022/3/19	0% 2023/7/14										Ç			
74																	
75	PTO-Trenchless-01 (Trenchless, (Length: 75m) and related Rising Main)	237 days	2022/3/19	0% 2023/1/4													
82 84	Landscape works for PTO-Trenchless-01	237 days	2022/3/19	0% 2023/1/4										~			
85	PTO-Trenchless-02 (Trenchless, (Length: 100m) and related Rising Main)	289 days	2023/1/5	0% 2023/12/23													
92	Landscape works for PTO-Trenchless-02	289 days	2023/1/5	0% 2023/12/23													— ў —
94					•												
95	Testing of PTO Village Sewerage	75 days	2023/12/27	0% 2024/3/27													
97																	
98																	
99 100	Submarine Outfall by HDD Method with Cofferdam	471 days	2022/8/26	0% 2024/3/27												÷	
00	Construction of a temporary working platform	81 days	2022/8/26	0% 2022/12/1												N	~
101	Horizontal Directional Drilling	225 days	2022/8/20	0% 2023/9/6												N	*
102	Construction of Cofferdam	90 days	2023/5/22	0% 2023/9/6													<u> </u>
104	Construction of diffuser manifold	90 days	2023/9/7	0% 2023/12/23													
05	Landscape works	396 days	2022/8/26	0% 2023/12/23												×	
06																	
107	Testing of Submaine Outfall	75 days	2023/12/27	0% 2024/3/27													
109	Completion of Section 2	0 days	2024/3/27	00/ 2024/2/25													
10			0004/2/97	0% 2024/3/27	1												

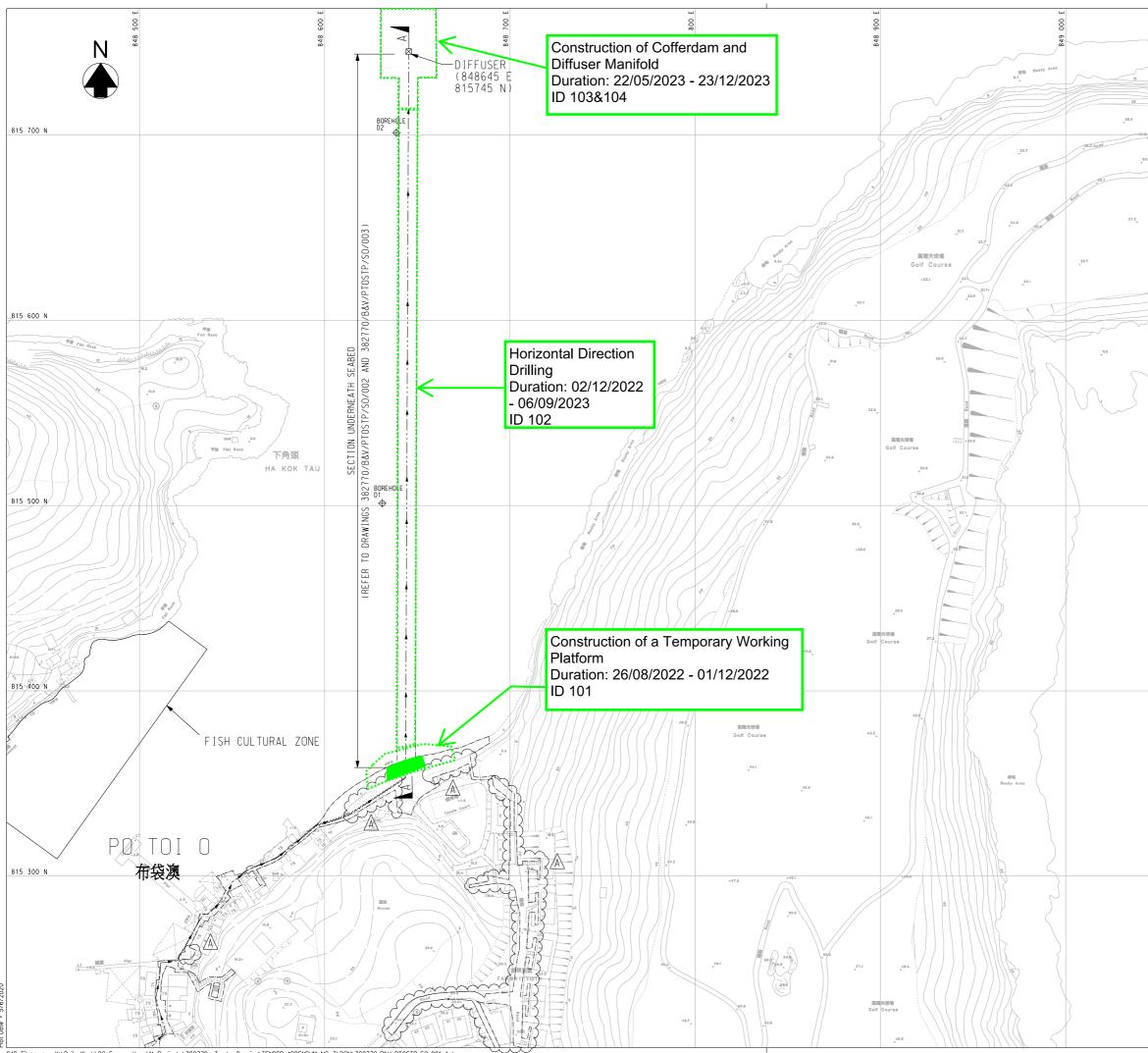
Project:DC/2019/09 Date: January 2021	Task Split Project Guide: Critical Task Progress	Milestone Summary	Project Summary Project Guide: Critical Task ♦	Progress Milestone Summary	Ŷ
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PORT SHELTER PHASE 3, PO TOI O SEWERAGE TREATMENT PLANT LOCATION PLAN OF ALL CONSTRUCTION WORKS

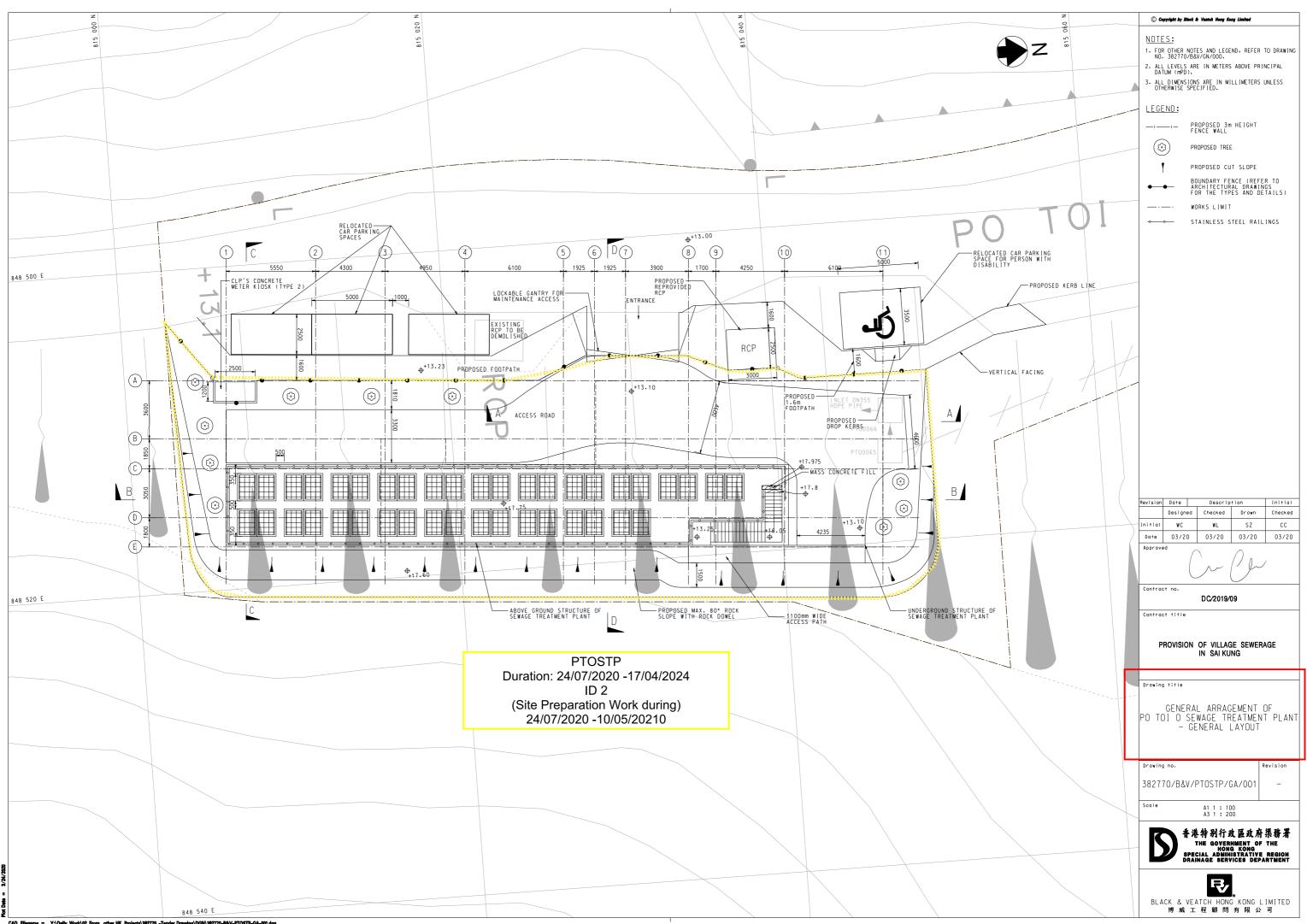






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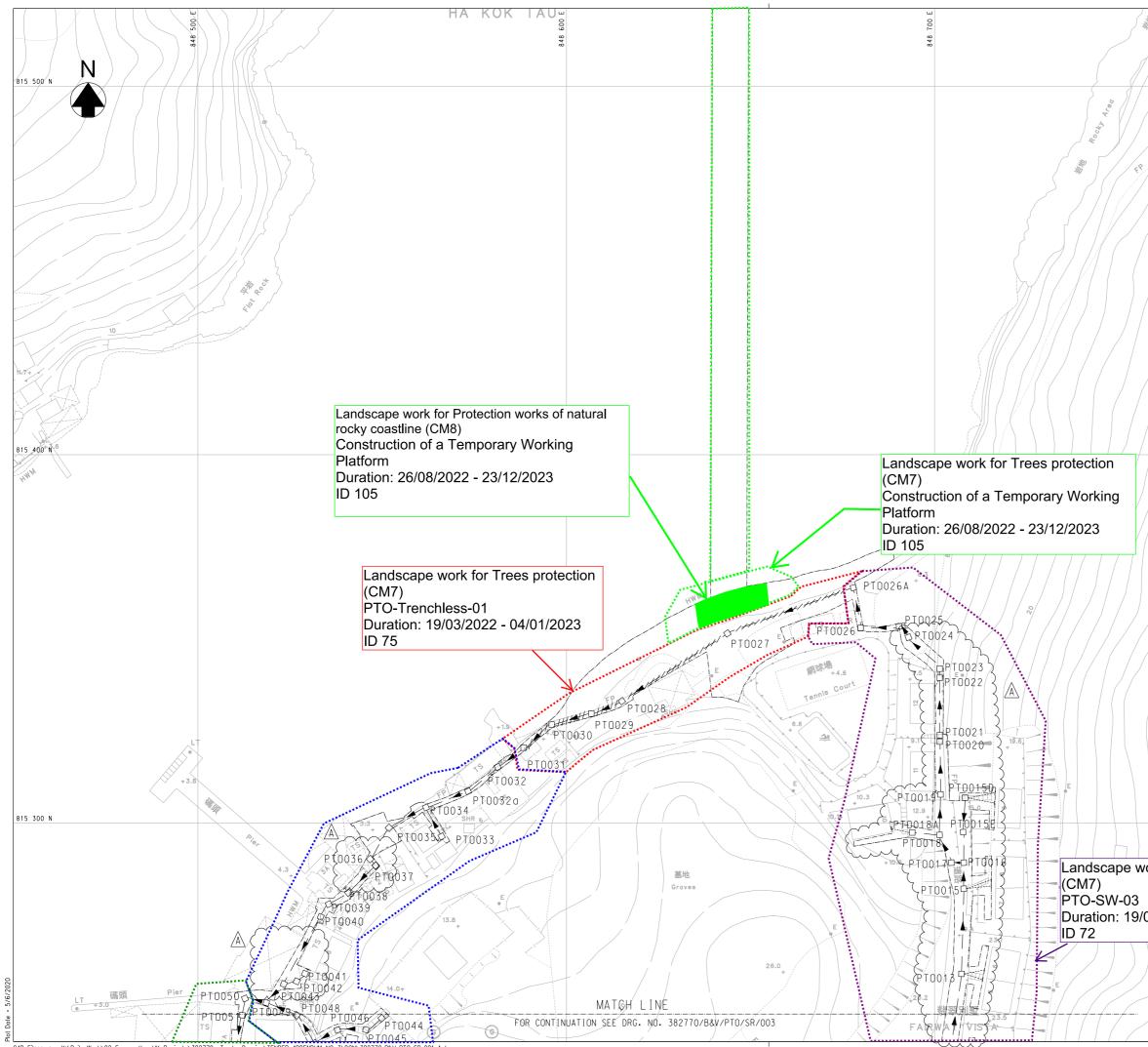


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PORT SHELTER PHASE 3, PO TOI O SEWERAGE TREATMENT PLANT LOCATION PLAN FOR LANDSCAPE WORKS

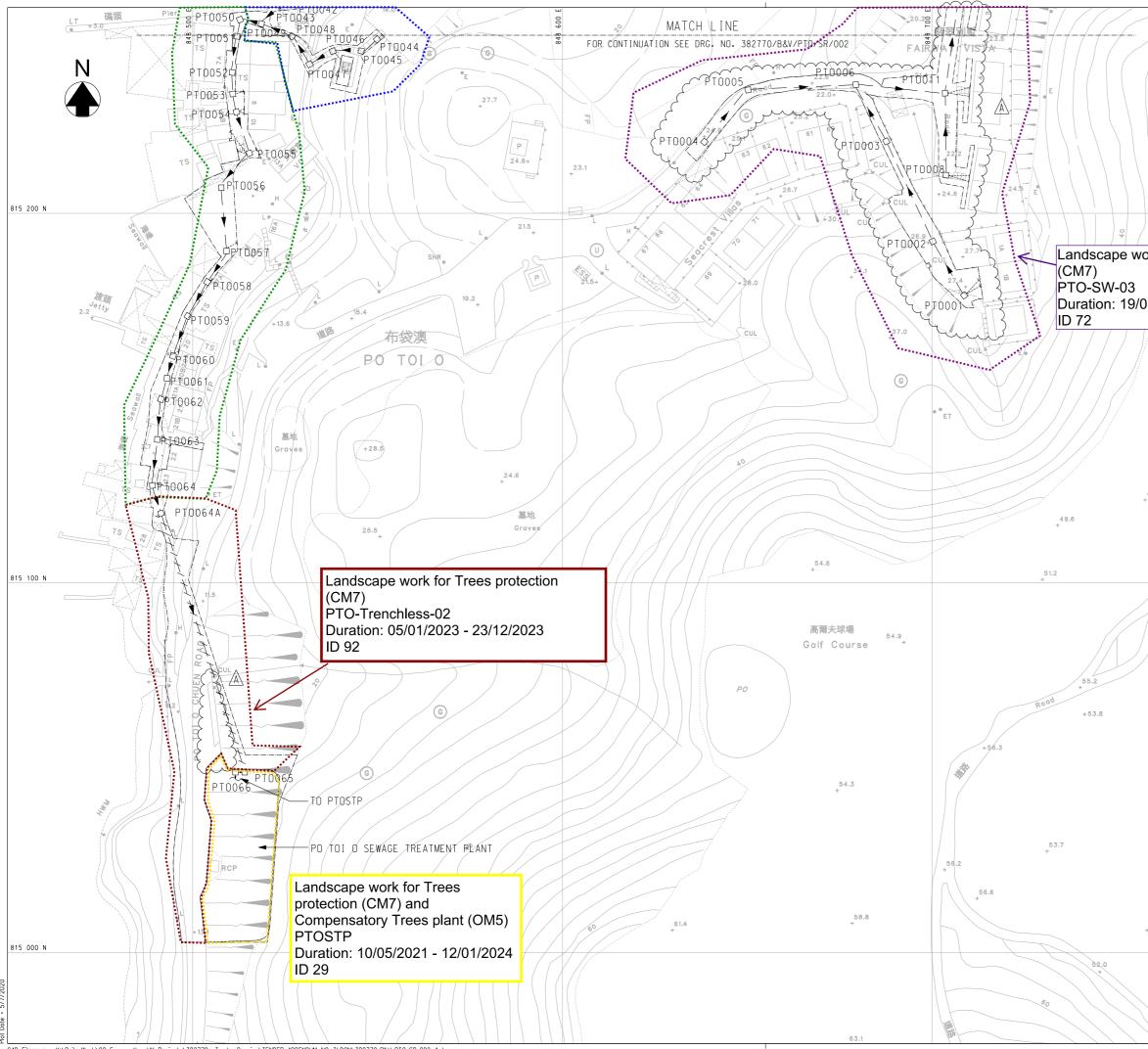


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	Drowing no. Revision 382770/B&V/PTOSTP/TR/103 - Scole A1 1 : 100 A3 1 : 200
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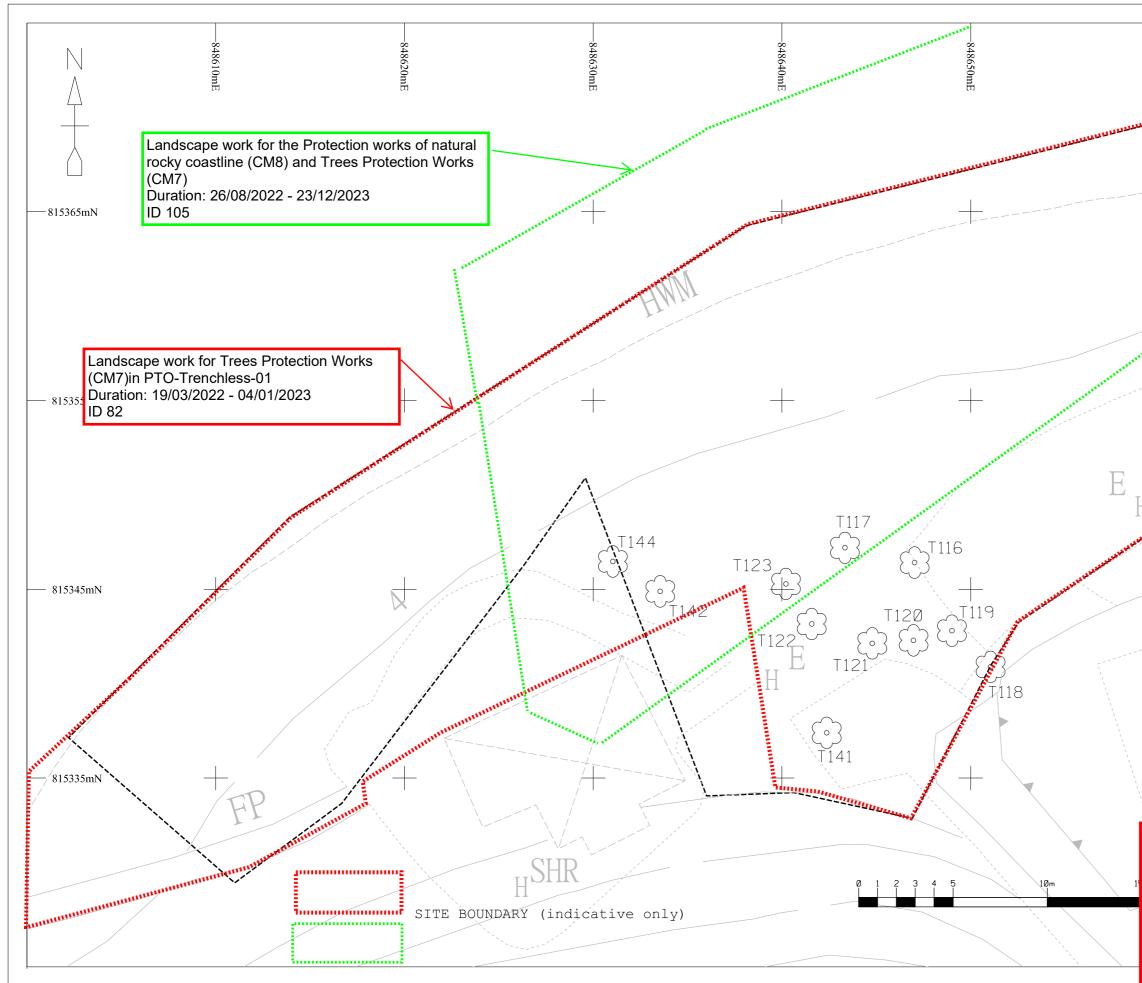
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m	TITLE: Tree Surve For Port St at Area 1 Po Toi O, H SCALE: PLAN NO.: COMPANY:	elter Sewerage Stage 2 & Stage 3 (F	

