

4 October 2022

Graham Bailey Pty Ltd
C/- Michael Coumbe
PO Box 979
FREMANTLE WA 6160

Dear Mr Coumbe,

DECISION NOTICE – APPROVAL WITH CONDITIONS – DA2022/09/01

(GIVEN UNDER SECTION 63 PLANNING ACT 2016 AND THE PROVISIONS OF GPC LAND USE PLAN 2012V2)

1. Application Details

This development application was **properly made** to the Gladstone Ports Corporation Limited on **27 June 2022**.

Application Number:	DA2022/09/01
Applicant Name:	Graham Bailey Pty Ltd
Applicant Contact Details:	Michael Coumbe Graham Bailey Pty Ltd PO Box 979 FREMANTLE, WA 6160 Email: mcoumbe@ampol.com.au
Approval sought (Land Use Plan)	Port application for works for Fuel Line replacement
Details of Proposed Development:	Upgrade of the pipework within the landside of the Gladstone Trawler Wharf diesel refuelling facility from single skinned steel to a secondary contained UPP semi-rigid pipework system.
Location Street Address:	Alf O'Rourke Drive, CALLEMONTDAH QLD 4680
Location Real Property Description:	Lot 209 on SP120888 and Lot 210 on SP120888
Land Owner:	Gladstone Ports Corporation Limited
Land Use Plan Precincts:	Strategic Port Land – Marine Industry
Port Overlay Precincts:	Marine Services sub-precinct

2. Details Of Proposed Development

Baileys Marine Fuels are requiring approval to upgrade the pipework on the landside of the Gladstone trawler wharf diesel refuelling facility from single skinned steel to a secondary contained UPP semi-rigid pipework system. The extent of the proposed works are described as:

- Removal of the existing steel diesel line and underground lines for the refuelling facility
- New transition sump with ball valve isolation and
- Installation of 50 meters of 75-63mm secondary contained UPP diesel pipeline

3. Details Of Decision

This development application was **decided** on **5 October 2022**.

This development application is **approved in full with conditions**. These conditions are set out in Attachment 1 and are clearly identified to indicate whether the assessment manager or a concurrence agency imposed them.

4. Details Of Approval

This development approval is a **Development Permit** given for:

- (a) Port Application for undertaking work in, on, over or under premises that materially affects the premises or their use including excavating or filling (*GPC Land Use Plan 2012v2*).

5. Conditions

This development approval is subject to the conditions in Attachment 1 - Part 1 and Part 2.

6. Further Development Permits

Please be advised that the following development permits are required to be obtained before the development can be carried out:

- (a) Not applicable

Note: Works within the development footprint have been considered 'excluded works' for development that is operational works for tidal work. Anything outside of these parameters may require further permits.

7. Referral Agencies for the Application

The proposed development did not trigger referral to any referral agencies

8. Approved Plans and Specifications

Copies of the following plans, specifications and/or drawings are approved and enclosed in Attachment 2:

Title	Drawn BY	Drawing No.	Sheet Revision	Date
Gladstone Harbour Trawler Wharf Alf O'Rourke Drive, Site Plan	Bailey's Marine Fuels Australia	88529	Sheet 0 Rev 0	16/11/2020
Gladstone Harbour Trawler Wharf removal of existing steel diesel line underground lines from pump pit	Bailey's Marine Fuels Australia	87583	Sheet 1 Rev A	25/03/2022
Gladstone Harbour Trawler Wharf removal of existing steel diesel line underground lines from pump pit	Bailey's Marine Fuels Australia	87583	Sheet 2 Rev A	25/03/2022
Gladstone Harbour Trawler Wharf removal of existing steel diesel line underground lines from pump pit	Bailey's Marine Fuels Australia	87583	Sheet 3 Rev A	25/03/2022
Gladstone Harbour Trawler Wharf removal of existing steel diesel line underground lines from pump pit	Bailey's Marine Fuels Australia	87583	Sheet 4 Rev A	25/03/2022
Gladstone Harbour Trawler Wharf diesel line upgrade to U.P.P. Key Plan	Bailey's Marine Fuels Australia	87582	Sheet 0 Rev A	25/03/2022
Gladstone Harbour Trawler Wharf diesel line upgrade to U.P.P. Pump to isolation valve pit	Bailey's Marine Fuels Australia	87584	Sheet 1 Rev A	25/03/2022
Gladstone Harbour Trawler Wharf diesel line upgrade to U.P.P. Isolation valve pit to Bent No 2	Bailey's Marine Fuels Australia	87584	Sheet 2 Rev A	25/03/2022
Gladstone Harbour Trawler Wharf diesel line upgrade to U.P.P. Bent No. 2 to Bent No. 4	Bailey's Marine Fuels Australia	87584	Sheet 3 Rev A	25/03/2022
Gladstone Harbour Trawler Wharf diesel line upgrade to U.P.P. Bent No. 4 to Bent No. 6	Bailey's Marine Fuels Australia	87584	Sheet 4 Rev A	25/03/2022
Gladstone Harbour Trawler Wharf diesel line upgrade to U.P.P. Bent No. 6 to Bent No. 8.	Bailey's Marine Fuels Australia	87584	Sheet 5 Rev A	25/03/2022
Gladstone Harbour Trawler Wharf diesel line upgrade to U.P.P. bunker point riser – Bent No. 8 to Bent o. 10	Bailey's Marine Fuels Australia	87584	Sheet 6 Rev A	25/03/2022
Gladstone Harbour Trawler Wharf diesel line upgrade to U.P.P. Pump Pit Details	Bailey's Marine Fuels Australia	87584	Sheet 7 Rev A	25/03/2022
Gladstone Harbour Trawler Wharf diesel line upgrade to U.P.P. Isolation valve pit details	Bailey's Marine Fuels Australia	87584	Sheet 8 Rev A	25/03/2022

Title	Drawn BY	Drawing No.	Sheet Revision	Date
Gladstone Harbour Trawler Wharf diesel line upgrade to U.P.P. bunker Point Riser & Transition Sump	Bailey's Marine Fuels Australia	87584	Sheet 9 Rev A	25/03/2022

12. Currency Period for the Approval

Pursuant to section 85 of the Planning Act, this development approval will lapse at the end of the periods set out below:

- (a) For Port Application this approval lapses 6 years after this approval decision date.

13. Rights of Appeal

No legislated appeal rights are afforded with this decision notice as the application was not made under the provisions of the *Planning Act 2016*.

For further information please contact Trudi Smith, Planning Specialist, on 07 4976 1314 or the undersigned on 07 4976 1287 or via email planning@gpcl.com.au.

Yours sincerely,



Erin Clark
Principal Planner

Enc. Attachment 1: Conditions of Approval
Attachment 2: Approved plans and specifications

Attachment 1 Conditions of Approval

PART 1: ASSESSMENT MANAGER CONDITIONS

In general the development proposal is in compliance with the requirements of Gladstone Ports Corporation Limited (GPC). This development approval is subject to each the following conditions which are stated by GPC, the Assessment Manager.

PART 1: ASSESSMENT MANAGER CONDITIONS

Part 1a: Approval sought under GPC Land Use Plan 2012v2 – Port Application

CONDITIONS
GENERAL
<ol style="list-style-type: none"> 1. Development must be carried out generally in accordance with the Approved plans, except where modified by conditions of this permit. 2. Unless otherwise stated, all conditions must be complied with and completed prior to the commencement of the development. 3. Where additional “approval” is required under these conditions by GPC for drawings or documentation the proponent must submit for review, amend to the satisfaction of, and obtain written approval from the Assessment Manager. 4. Furthermore, GPC will require no less than 10 business days, unless otherwise conditioned by GPC, to review the drawings or documentation provided prior to the commencement of the works. 5. The proponent must at its cost and expense, keep and maintain the development footprint in a state that is satisfactory to the Port.
ENGINEERING
<ol style="list-style-type: none"> 6. The proponent is required to apply for and obtain from GPC a Permit to Dig/Excavate prior to commencing works by contacting, Port Infrastructure Asset Manager on (07) 4976 1333. All reasonable measures must be taken to identify and protect existing services onsite, recorded or otherwise, and where necessary the proponent will submit a plan to GPC for approval to adjust any existing services found during this excavation that was not originally shown on the proposed plans. 7. Upon completion of the works, the proponent must supply GPC with certified “As Constructed” plans in both hard copy (2 of) and electronic (CAD format) which illustrate all infrastructure and services installed on, under or over Port land associated with the activity. The proponent must also certify that the development is constructed as per design and generally in accordance with the approved plans prior to the use commencing. Plans shall be certified by an appropriately qualified and competent person, including RPEQ Engineer or Licenced Building Certifier. 8. Any site lighting used during construction should not negatively impact on the visibility of Navigational Aids utilised for the primary shipping channels nor illuminate a landward glare beyond the site boundary. Lighting must be reviewed during construction with respect to navigation. Where an issue is identified or a validated complaint received, the proponent must immediately rectify to the satisfaction of GPC.
INFRASTRUCTURE
<ol style="list-style-type: none"> 9. The applicant must notify the Assessment Manager (GPC) of damage caused to any port or port user infrastructure or services including, but not limited to, security related devices, buildings, fences, lighting etc., roads, walkways and underground services or infrastructure during construction. The

proponent must undertake necessary repairs at their expense and to the satisfaction of the Assessment Manager (GPC).

CONSTRUCTION MANAGEMENT

10. The hours for the construction of the facility (i.e. operation of any machinery and/or other equipment) shall be restricted to between 6.30am and 6:30pm Monday to Friday and 6.30am to 12.30pm Saturday. No works shall be undertaken on Sunday or on public holidays. Any variations to these times will be subject to the written approval of GPC.
11. At all times, maintain and operate an adequate waste disposal service, including the maintenance of refuse bins and associated storage areas and appropriate storage and disposal of regulated waste e.g. materials containing asbestos, so as not to cause an environmental nuisance or create a safety hazard to the public.
12. In the event a laydown area is required or works are required to be carried out outside the immediate area shown on the approved plans, or were deemed necessary by the Assessment Manager (GPC), the proponent or their contractor must obtain a Consent to Enter from GPC's Property Advisor prior to works commencing. All works are to achieve safety for the property, staff and customers.
13. To ensure public safety with regard to potential hazards, security fencing to a minimum height of 1.8m is to be provided around the development footprint and materials storage area prior to works commencing at the site.
14. All fencing is to be of a design that provides maximum security and/or separation without adversely affecting overall amenity and streetscape quality.
Note: One way of achieving compliance is to provide mesh cloth screening to the security fence.
15. A designated parking area and the location of security fencing is to be identified on a site plan and provided to the Assessment Manager prior to any works commencing at the site.
16. A Construction Traffic Management Plan (CTMP) shall be submitted to the Assessment Manager, for approval, prior to commencing any works onsite. The plan shall be developed in accordance with Austroad's Guide To Temporary Traffic Management (AGTTGM) and where applicable, the amendments referenced in the Qld Guide To Temporary Traffic Management (QGTTM).
17. The proponent shall reinstate any damage caused to the existing carpark pavement, concrete kerb or footpath, etc. as a result of the works, to the same standard and quality as the original construction unless as agreed in writing by the Assessment Manager (GPC).. The GPC Port Infrastructure Engineer can be contacted on (07) 49761127 to obtain detailed drawings of the existing infrastructure.
18. No mud, dirt or other debris is to be tracked onto public roads during construction and operation of development.
19. Any construction fill material used must be uncontaminated and reused from onsite or sourced from a licensed quarry.

WASTE MANAGEMENT

20. Any spillage of sediment, wastes, fuels, chemicals, contaminants, or other materials at the storage site, on port roads or on the wharf must be cleaned immediately. Such spillage must not be cleaned up by hosing, sweeping or otherwise releasing such materials to any stormwater drainage system, roadside gutters or waters.

AMENITY

21. The extent of filling or excavation at the site is to be no more than 1.5m high within 2m of the boundary at any time during the works. Screening is to be attached to any security fencing erected at the site to ensure that visual amenity is maintained at all times.

ENVIRONMENT

Construction Environmental Management Plans

22. Prior to construction works commencing on site, an Environmental Management Plan (EMP) specific to these works, is to be submitted to the Assessment Manager (GPC) for approval.
23. The construction must be undertaken in accordance with the approved EMP that ensures:
- environmental risks, including but not limited to, noise, odour, lighting, dust, are identified, managed and continually assessed in relation to the construction activity;
 - any stormwater runoff within the development footprint is managed during any rain event by providing bunding (or the like) around any stockpiles of soil (or other materials) to ensure that contamination of the Marina/ nearby waters does not occur. that staff are trained and aware of their obligations under the EMP, including a copy of the management plan and development approval available on site at all times;
 - that reviews of environmental performance are undertaken at least annually; and
 - any amendments to the EMP are to be submitted to GPC for review and approval.

Once approved by the Assessment Manager, the activity must be carried out in accordance with this EMP.

Note: GPC has a guideline for the development of environmental management plans that may be utilised in meeting the requirements of this condition.

Incident notification

24. At all times, Gladstone Ports Corporation Environment Hotline (07) 4976 1617 is to be notified of the occurrence of any:
- release / spill of contaminants (e.g. fuels / chemicals / sewerage) greater than 250L to land;
 - release / spill of contaminants (e.g. fuels / chemicals / sewerage) of any amount to water;
 - any environmental complaints received by the holder of this approval; and
 - non-compliance with conditions of this approval or any other environmental approval obtained in relation to the approved activity.

ACID SULPHATE SOIL

25. In the event acid sulphate soils are disturbed/excavated and require treatment on site, a site specific Acid sulphate Management Plan must be submitted to GPC for approval prior to such works commencing. Once the management plan is approved, the works must be carried out in accordance with this plan.

ADVICE NOTES

1. All other relevant approvals must be obtained before commencement of the development or operation of the development.
2. Where a Permit to Dig/Excavate prior to commencing excavation or digging for the development, the proponent or their contractor is required to apply for and obtain the permit by contacting the Port Infrastructure Asset Manager on 4976 1332 or bartono@gpcl.com.au.
3. Where a construction compound or laydown area is required, the proponent or their contractor is required to apply for and obtain a Consent to Enter from the Assessment Manager's Property Specialist via 07 4976 1334 or property@gpcl.com.au prior to works commencing.
4. Where works are to be undertaken outside tenured areas, the proponent or their contractor is required to apply for and obtain a Consent to Enter from GPC's Property Specialist via 07 4976 1334 or property@gpcl.com.au prior to works commencing.
5. The *Environmental Protection Act* 1994 states that a person must not carry out any activity that causes, or is likely to cause, environmental harm unless the person takes all reasonable and practicable measures to prevent or minimise the harm. Environmental harm includes environmental nuisance. In this regard persons and entities, involved in the civil, earthworks, construction, and operational phases of this development, are to adhere to their 'general environmental duty' to minimise the risk of causing environmental harm.
6. Where the Applicant is required to submit further documentation to the Assessment Manager, this is to be directed to the Planning section at planning@gpcl.com.au, including reference to the allocated development application number.
7. Where communication with GPC Port Security is required e.g. for schedules or service requests, direct communication to the following: pfso@gpcl.com.au, contracted_security@gpcl.com.au and gpcsupervisor@diamondprotection.com.

Attachment 2 Approved Plans and Specifications

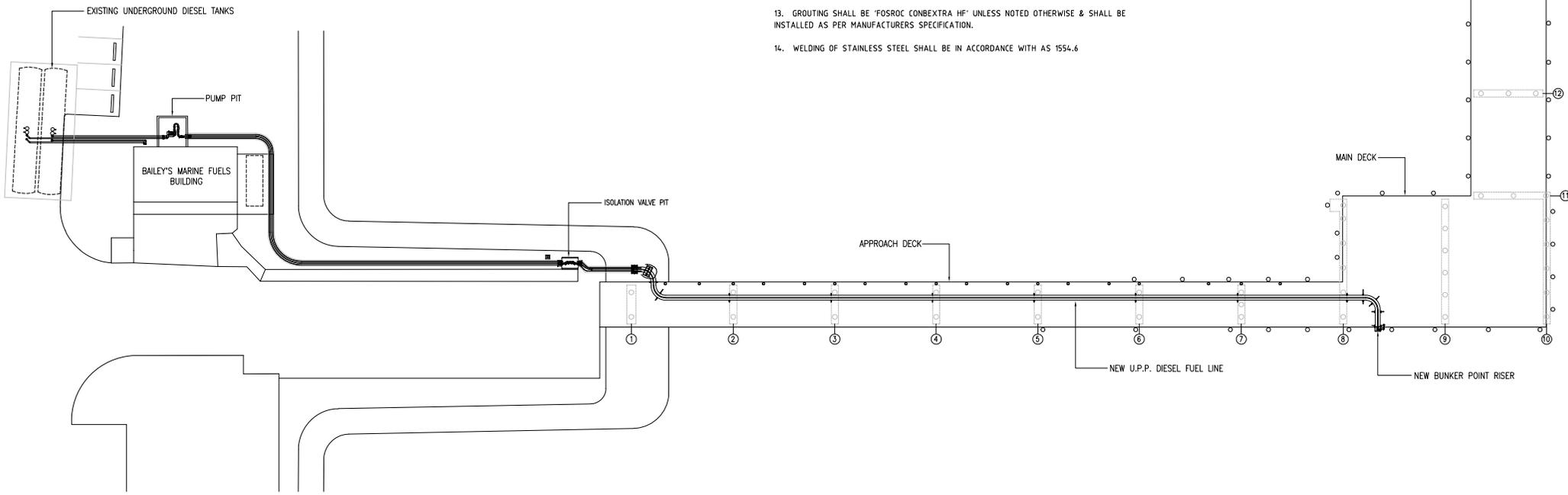
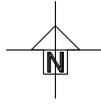
REFERENCE DRAWINGS		SPECIFICATIONS	
A1-87583 SHT.1	REMOVAL OF EXISTING STEEL DIESEL LINE - UNDERGROUND LINES FROM PUMP PIT	AS 3600	CONCRETE STRUCTURES
A1-87583 SHT.2	REMOVAL OF EXISTING STEEL DIESEL LINE - PIPING ALONG WHARF APPROACH TO BENT #4	AS 1554	STRUCTURAL STEEL WELDING
A1-87583 SHT.3	REMOVAL OF EXISTING STEEL DIESEL LINE - APPROACH DECK PIPING BENT #4 TO BENT #10	AS 4041	PRESSURE PIPING
A1-87583 SHT.4	REMOVAL OF EXISTING STEEL DIESEL LINE - FINGER DECK PIPING BENT #11 TO BENT #17	AS 1940	FLAMMABLE LIQUIDS STORAGE & HANDLING
A1-87584 SHT.1	DIESEL LINE UPGRADE TO U.P.P. - PUMP TO ISOLATION VALVE PIT	EN 14125	THERMOPLASTIC & FLEXIBLE METAL PIPEWORK FOR UNDERGROUND INSTALLATION AT PETROL FILLING STATIONS
A1-87584 SHT.2	DIESEL LINE UPGRADE TO U.P.P. - ISOLATION VALVE PIT TO BENT #2	SD 207560	AMPOL - PIPING DESIGN & MATERIALS STANDARD
A1-87584 SHT.3	DIESEL LINE UPGRADE TO U.P.P. - BENT #2 TO BENT #4		
A1-87584 SHT.4	DIESEL LINE UPGRADE TO U.P.P. - BENT #4 TO BENT #6		
A1-87584 SHT.5	DIESEL LINE UPGRADE TO U.P.P. - BENT #6 TO BENT #8		
A1-87584 SHT.6	DIESEL LINE UPGRADE TO U.P.P. - BENT #8 TO BENT #10 & NEW RISER		
A1-87584 SHT.7	DIESEL LINE UPGRADE TO U.P.P. - PUMP PIT DETAILS		
A1-87584 SHT.8	DIESEL LINE UPGRADE TO U.P.P. - ISOLATION VALVE PIT DETAILS		
A1-87584 SHT.9	DIESEL LINE UPGRADE TO U.P.P. - BUNKER POINT RISER & TRANSITION SUMP		
A1-87595 SHT.1	DIESEL LINE UPGRADE TO U.P.P. - UNISTRUT SUPPORT BRACKET DETAILS		
A1-87595 SHT.2	DIESEL LINE UPGRADE TO U.P.P. - UNISTRUT SUPPORT BRACKET DETAILS		
A1-87595 SHT.3	DIESEL LINE UPGRADE TO U.P.P. - UNISTRUT SUPPORT BRACKET DETAILS		
A1-87596 SHT.1	DIESEL LINE UPGRADE TO U.P.P. - ISOLATION VALVE BOX FABRICATION DETAILS		
A1-87596 SHT.2	DIESEL LINE UPGRADE TO U.P.P. - PUMP PIT PIPE COVER BOX FABRICATION DETAILS		
A1-87597	DIESEL LINE UPGRADE TO U.P.P. - PIPE SUPPORT DETAILS		
A1-87598	DIESEL LINE UPGRADE TO U.P.P. - TRANSITION SUMP SUPPORT DETAILS		
A3-18279	WRAPPED COATINGS FOR UNDERGROUND C.S. PIPING - STANDARD DRAWING		

PIPING NOTES:

- U.P.P. PIPING MATERIALS & INSTALLATION SHALL BE IN ACCORDANCE WITH STANDARD 'EN14125' & REFERENCE TO FRANKLIN FUELING SYSTEMS 'UPP PIPING - INSTALLATION GUIDE OVERVIEW'
- ALL U.P.P. PIPE & FITTINGS SHALL BE 'FRANKLIN FUELING SYSTEMS' PRODUCTS.
- THE CONTRACTOR IS TO SUPPLY ALL MATERIALS UNLESS NOTED OTHERWISE.
- WELDING, ERECTION & TESTING OF METALLIC PIPING SHALL BE IN ACCORDANCE WITH AMPOL DRG. B1-18260 AND AMPOL-PIPING DESIGN & MATERIALS STANDARD 'SD207560'
- STAINLESS STEEL PIPE SPOOLS DETAIL No. '1, 2 & 3' ARE TO BE HYDROTESTED TO 2900 kPa.
- STAINLESS STEEL PIPE SPOOL DETAIL No. '1' IS TO HAVE ONE BUTTWELD RADIOGRAPH TESTED.
- LINES THAT ARE CUT & CAPPED AND ARE TO REMAINED BURIED UNDERGROUND SHALL BE 'DENSE' WRAPPED AS PER DETAIL.8 ON AMPOL STD. DRG. A3-18279. WRAPPING IS TO EXTEND A MINIMUM 100mm BEYOND BARE METAL.

CIVIL & STEELWORK NOTES:

- UNDERGROUND PIPES AND CABLES WITHIN THE VICINITY OF PROPOSED EXCAVATIONS ARE TO BE DAY LIGHTED AND HAVE THEIR LOCATION CONFIRMED PRIOR TO THE COMMENCEMENT OF WORK.
- IN THE COURSE OF EXCAVATION IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE INTEGRITY OF ALL EXISTING STRUCTURES AND EQUIPMENT. ANY DAMAGE IS TO BE MADE GOOD BY THE CONTRACTOR.
- EXCAVATIONS ARE TO BE CARRIED OUT WITH HAND TOOLS UNLESS NOTED OTHERWISE.
- ALL TRENCHING IS TO BE CARRIED OUT AS SPECIFIED ON THESE DRAWINGS
- ALL EXCAVATED MATERIAL NOT REUSED IS TO BE STORED & DISPOSED OF AS INSTRUCTED BY BAILEY'S MARINE FUELS & IN ACCORDANCE WITH APPLICABLE REGULATORY REQUIREMENTS.
- THE CONTRACTOR IS TO SUPPLY ALL MATERIALS UNLESS NOTED OTHERWISE.
- REINFORCING MATERIAL SHALL ALL CONFORM TO AS 4671 TO THE FOLLOWING GRADES: HOT ROLLED DEFORMED BARS - D500N
PLAIN ROUND BARS - STRUCTURAL GRADE - R250N
HARD DRAWN WIRE FABRIC - D500L
- FORM WORK SHALL BE ERECTED IN ACCORDANCE WITH AS 3610 WITH FORMED SURFACES FINISHED TO CLASS 3 FOR EXPOSED SURFACES, AND CLASS 5 FOR PERMANENTLY CONCEALED SURFACES, EXPOSED EDGES ARE TO BE CHAMFERED 25mm x 45'.
- REINFORCEMENT SHALL BE PLACED IN ACCORDANCE WITH AS 3600 TABLE 4.10.3.2 EXPOSURE CLASSIFICATION B2.
- CONCRETE IS TO BE PORTLAND CEMENT TYPE 'A' AND IS TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 32MPa AT 28 DAYS. CONCRETE IS TO BE PLACED IN ACCORDANCE WITH AS-3600.
- CONCRETE SHALL BE COMPACTED WITH HIGH FREQUENCY VIBRATORS.
- CONCRETE PAVING IS TO BE WOOD FLOAT FINISHED.
- GROUTING SHALL BE 'FOSROC CONBEXTRA HF' UNLESS NOTED OTHERWISE & SHALL BE INSTALLED AS PER MANUFACTURERS SPECIFICATION.
- WELDING OF STAINLESS STEEL SHALL BE IN ACCORDANCE WITH AS 1554.6



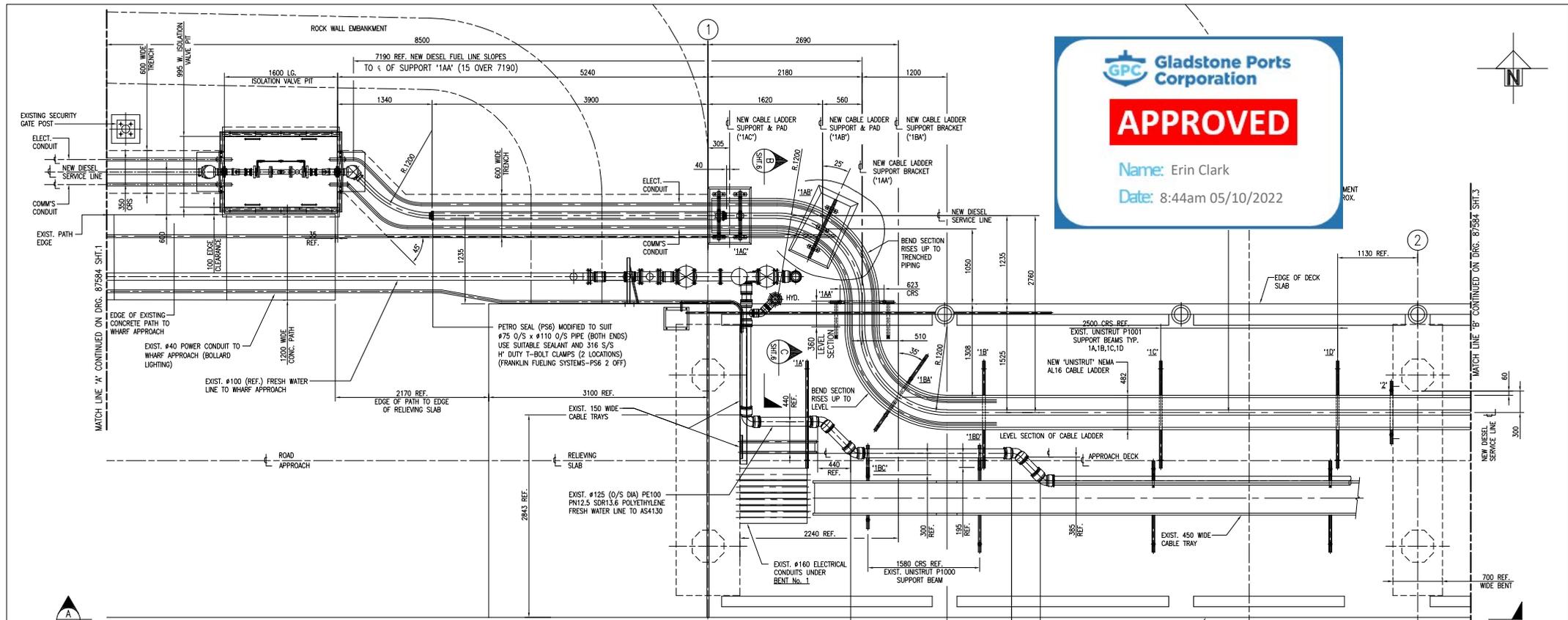
KEY PLAN
SCALE 1:200

PRELIMINARY
ISSUE

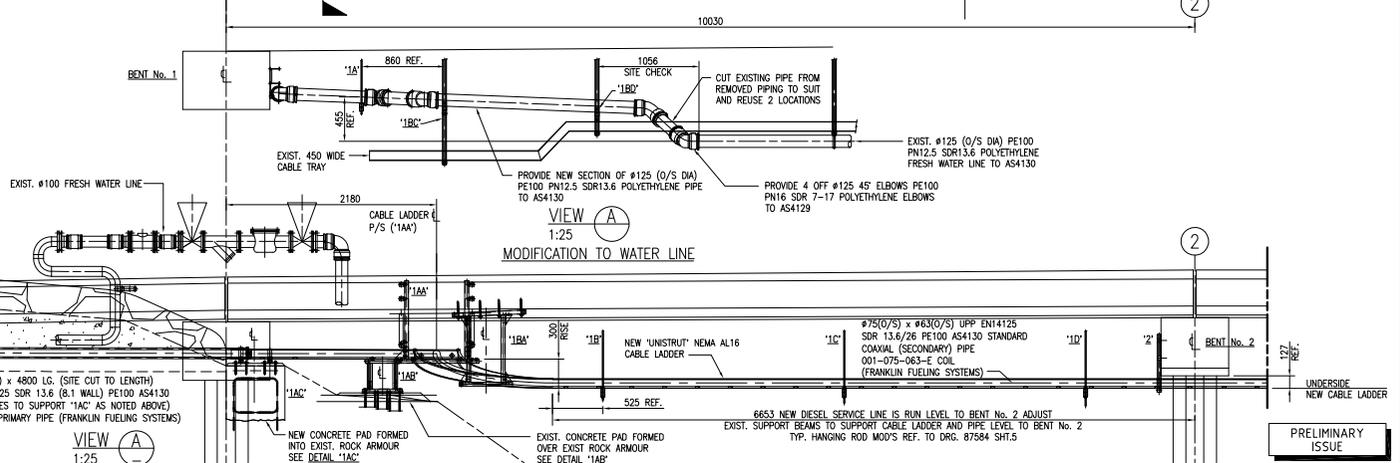
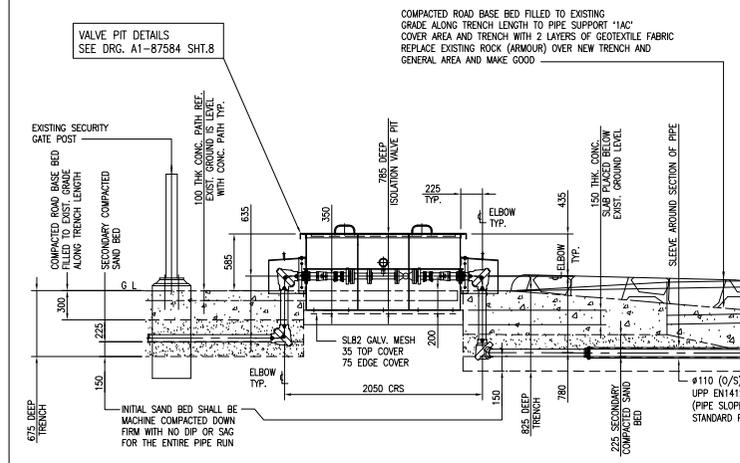
REFERENCE DRAWINGS		SPECIFICATIONS		A		ISSUED FOR REVIEW		25-3-22		GLY		MOC. No.		PROJECT No.		EQUIPMENT No.		INDEX: SIZE:		SITE SAP No.		DRAWING No.		SHEET. REV.			
				No.		REVISION DESCRIPTION		DATE		DRN		CHK		M21008				L		A1		11850		87582		0 A	



OLD GLADSTONE MARINE REFUELLING FACILITY
GLADSTONE HARBOUR TRAWLER WHARF
DIESEL LINE UPGRADE TO U.P.P.
KEY PLAN



PLAN - MATCH LINE 'A' TO BENT No.2
SCALE 1:25

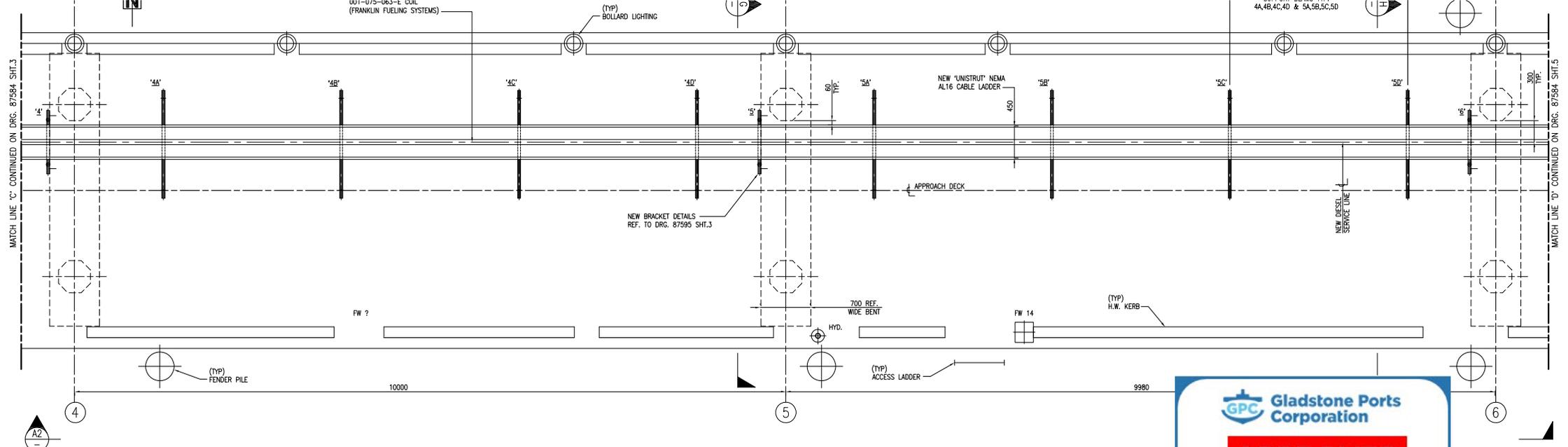


A1-87582		GLADSTONE TRAWLER WHARF DIESEL LINE UPGRADE - KEY PLAN REFERENCE DRAWINGS		SPECIFICATIONS		A		ISSUED FOR REVIEW		25-3-22		GLY		MOC. No.		PROJECT No.		EQUIPMENT No.		INDEX. SIZE.		SITE SAP No.		DRAWING No.		SHEET. REV.	
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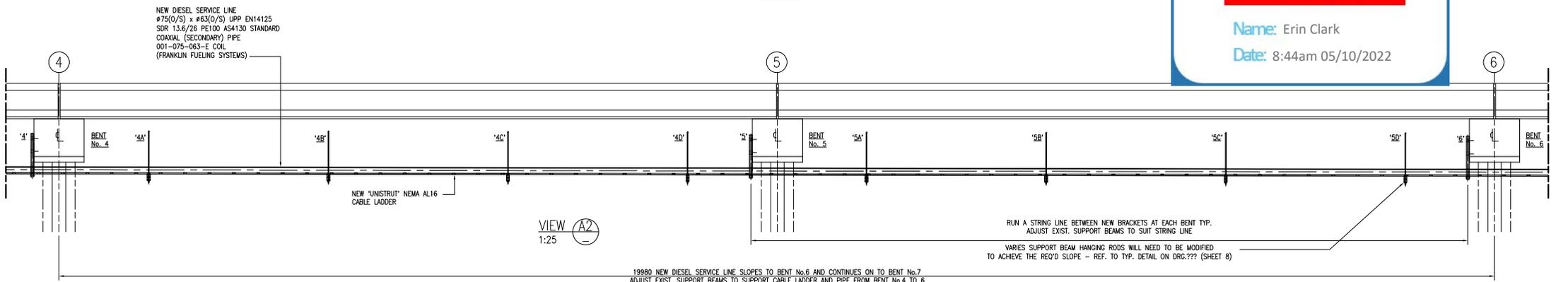


OLD GLADSTONE MARINE REFUELLING FACILITY
GLADSTONE HARBOUR TRAWLER WHARF
DIESEL LINE UPGRADE TO U.P.P.
ISOLATION VALVE PIT TO BENT No.2

PRELIMINARY ISSUE



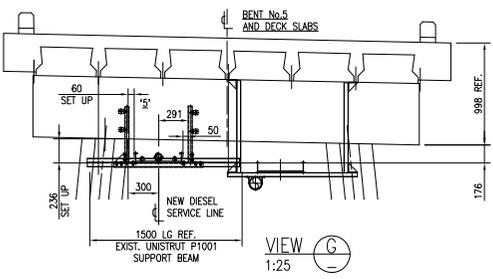
PLAN - BENT No.4 TO BENT No.6
SCALE 1:25



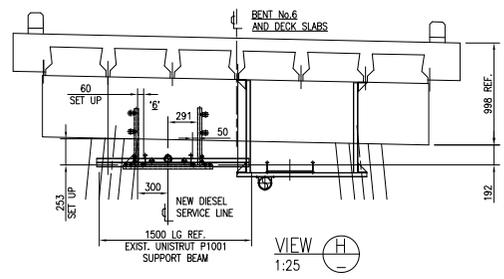
VIEW A2
1:25

RUN A STRING LINE BETWEEN NEW BRACKETS AT EACH BENT TYP.
ADJUST EXIST. SUPPORT BEAMS TO SUIT STRING LINE.
VARIES SUPPORT BEAM HANGING RODS WILL NEED TO BE MODIFIED
TO ACHIEVE THE REQ'D SLOPE - REF. TO TYP. DETAIL ON DRG.??? (SHEET 8)

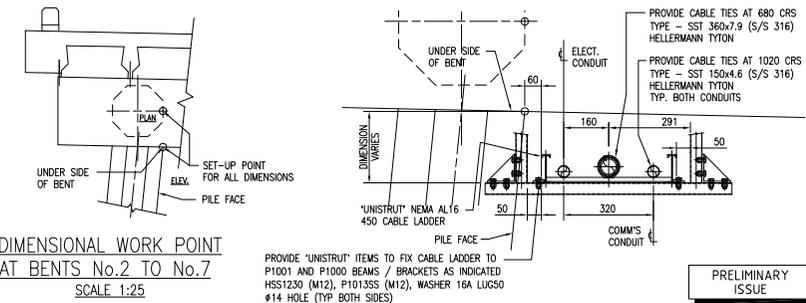
19980 NEW DIESEL SERVICE LINE SLOPES TO BENT No.6 AND CONTINUES ON TO BENT No.7
ADJUST EXIST. SUPPORT BEAMS TO SUPPORT CABLE LADDER AND PIPE FROM BENT No.4 TO 6



VIEW G
1:25



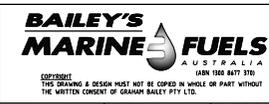
VIEW H
1:25



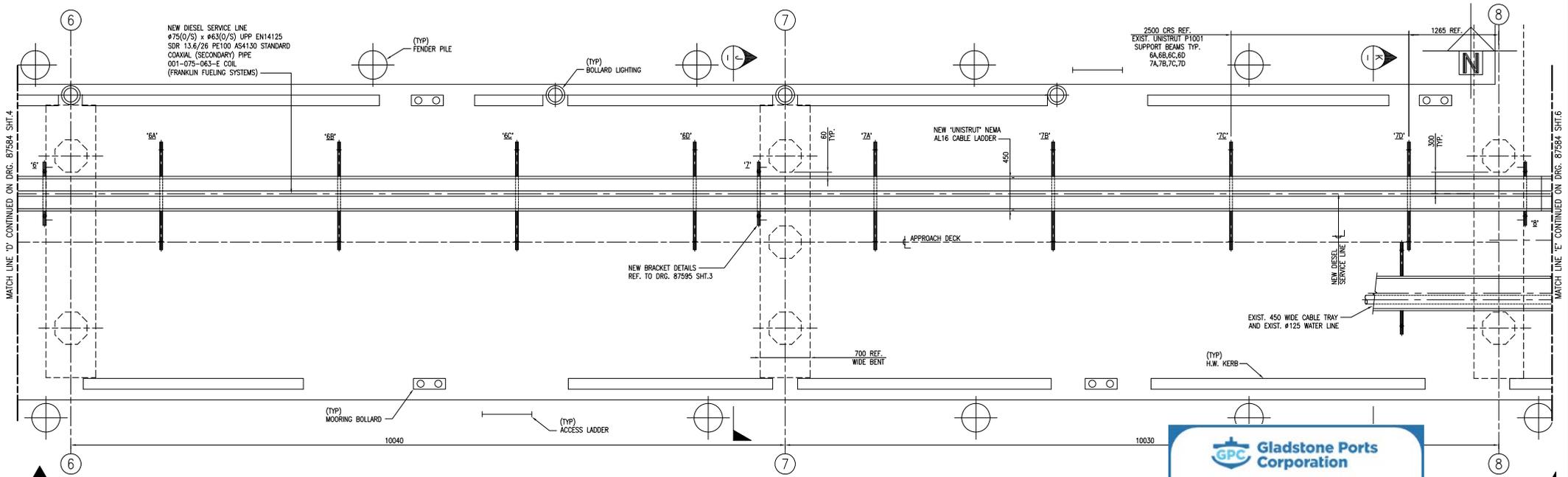
DIMENSIONAL WORK POINT
AT BENTS No.2 TO No.7
SCALE 1:25

PRELIMINARY
ISSUE

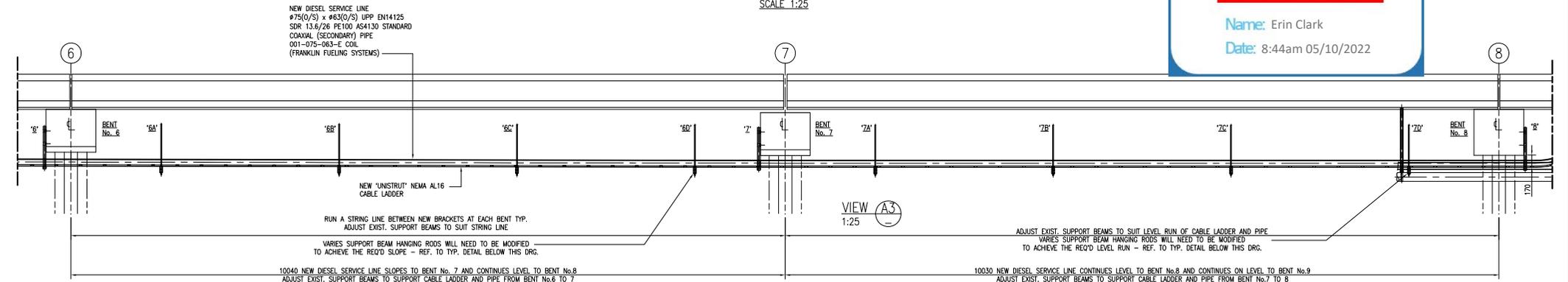
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						No. REVISION DESCRIPTION		DATE		CHK													



OLD GLADSTONE MARINE REFUELLING FACILITY
GLADSTONE HARBOUR TRAWLER WHARF
DIESEL LINE UPGRADE TO U.P.P.
BENT No.4 TO BENT No.6

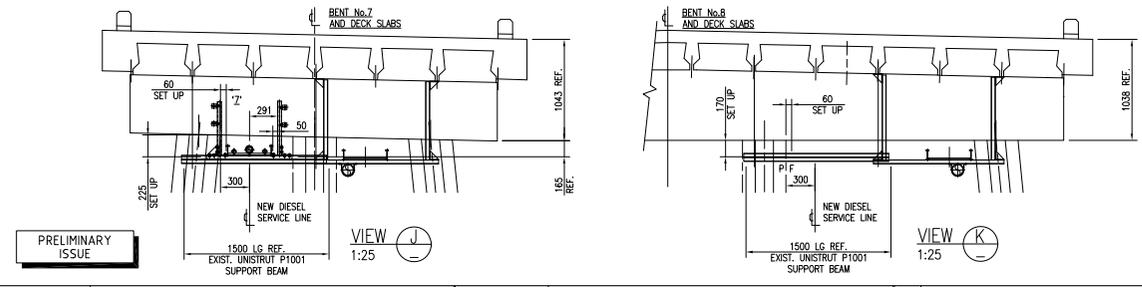


PLAN - BENT No.6 TO BENT No.8
SCALE 1:25



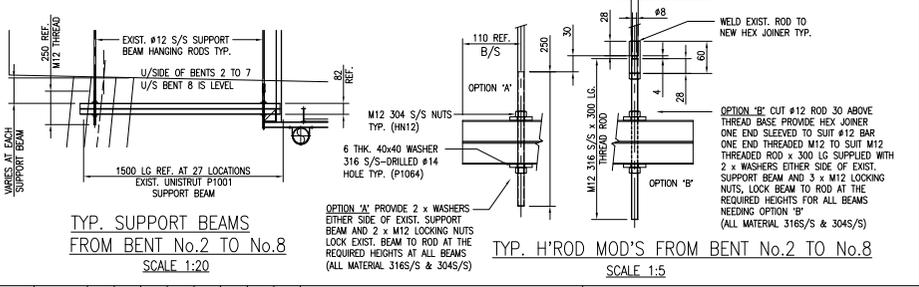
VIEW A3
SCALE 1:25

ADJUST EXIST. SUPPORT BEAMS TO SUIT LEVEL RUN OF CABLE LADDER AND PIPE
VARIES SUPPORT BEAM HANGING RODS WILL NEED TO BE MODIFIED
TO ACHIEVE THE REQ'D LEVEL RUN - REF. TO TYP. DETAIL BELOW THIS DRG.



VIEW J
SCALE 1:25

VIEW K
SCALE 1:25



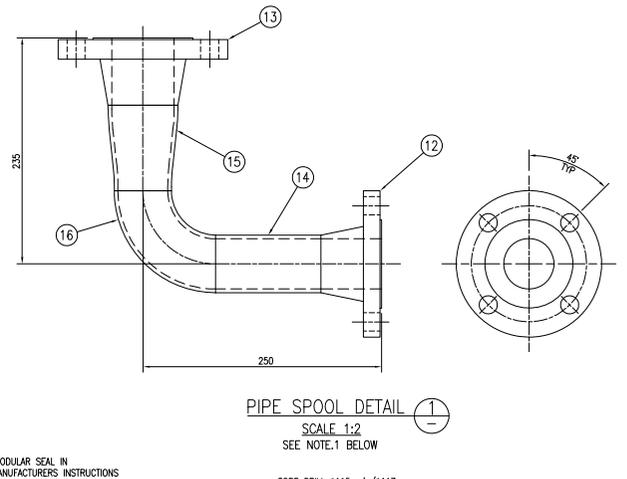
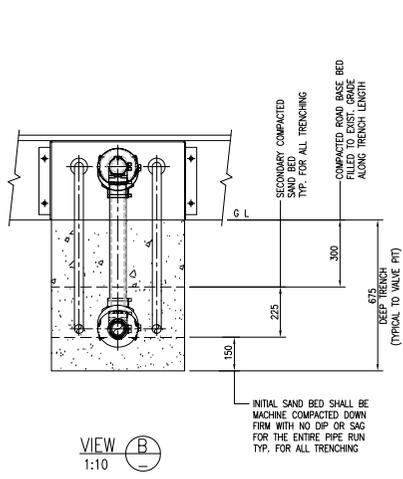
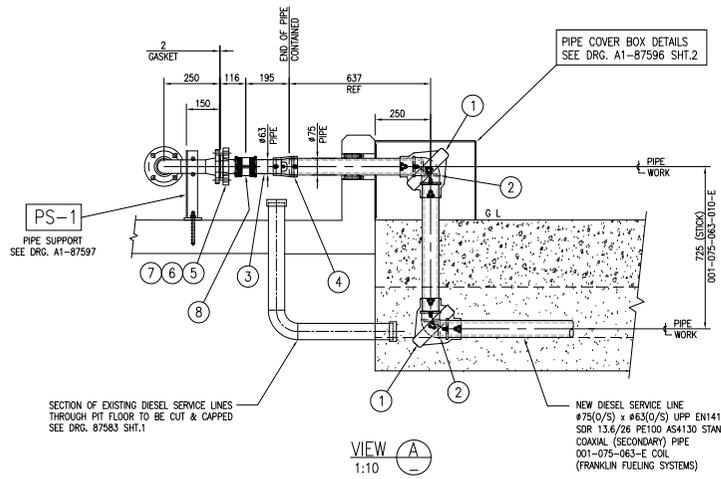
TYP. SUPPORT BEAMS
FROM BENT No.2 TO No.8
SCALE 1:20

TYP. H'ROD MOD'S FROM BENT No.2 TO No.8
SCALE 1:5

A1-87582		GLADSTONE TRAWLER WHARF DIESEL LINE UPGRADE - KEY PLAN REFERENCE DRAWINGS		SPECIFICATIONS		A No.		ISSUED FOR REVIEW REVISION DESCRIPTION		25-3-22 DATE		GLY DRN		CHK		PROJECT No. M21008		EQUIPMENT No.		INDEX: L SITE SAP No. A1 11850		DRAWING No. 87584		SHEET: 5 REV. A	
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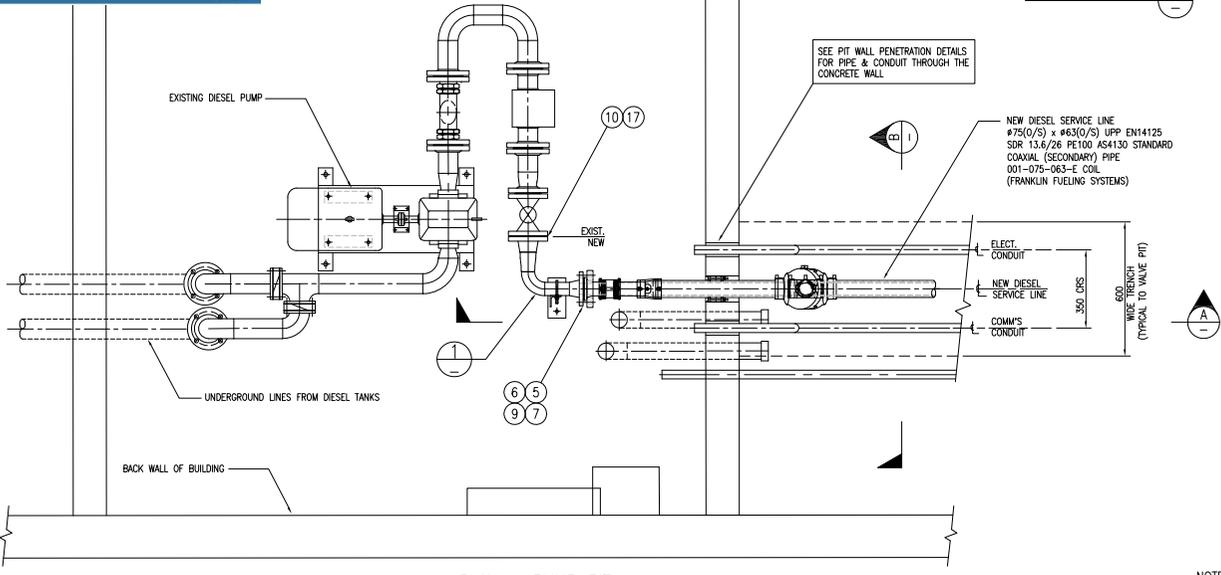
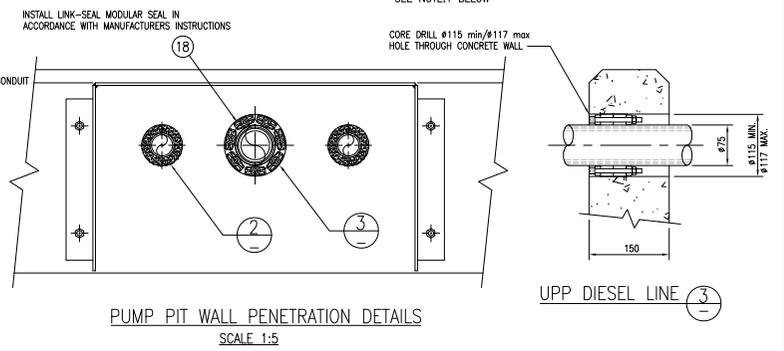
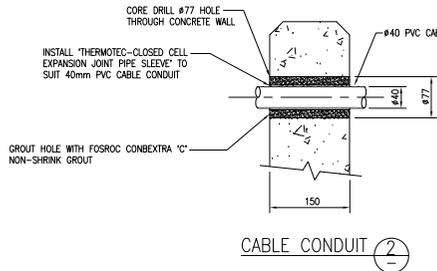
GLD GLADSTONE MARINE REFUELLING FACILITY
GLADSTONE HARBOUR TRAWLER WHARF
DIESEL LINE UPGRADE TO U.P.P.
BENT No.6 TO BENT No.8



GPC Gladstone Ports Corporation

APPROVED

Name: Erin Clark
Date: 8:44am 05/10/2022



ITEM	NO	OFF	DESCRIPTION	REMARKS
18	1		LINK-SEAL MODULAR SEAL	
17	1		MODEL: LS-300-O-S316-7	
			GASKET DN65 CL150 R/F	3mm THK
			MATERIAL: KLINGER C-4430	
16	1		ELBOW DN50 90° BUTTWELD SCH.40S	316 S/S
15	1		REDUCER CONC. DN65 x DN50	316 S/S
			BUTTWELD SCH.40S	
14	1		PIPE DN50 SCH.40S	316 S/S
13	1		FLANGE DN65 CL150 R/F	316 S/S
			WELDNECK SCH.40S	
12	1		FLANGE DN50 CL150 R/F	316 S/S
			WELDNECK SCH.40S	
11	8		HEX NUT M16 GRADE 8.8 A4-70	316 S/S
10	4		BOLT M16 HEX HEAD x 75 LG	316 S/S
			GRADE 8.8 A4-70	
9	4		BOLT M16 HEX HEAD x 90 LG	316 S/S
			GRADE 8.8 A4-70	
8	1		UPP FUSION LONG COUPLER 63mm	FRANKLIN
			95mm LG. 02-063-L	
7	1		GASKET UPP 63mm FOR STUB 07.63	FRANKLIN
6	1		BACKING FLANGE DN50 UPP 63mm	FRANKLIN
			ANSI 06-063-A	
5	1		STUB FLANGE UPP STUB 63mm	FRANKLIN
			05-063-L	
4	1		UPP FUSION REDUCER 75mmx63mm	FRANKLIN
			SECONDARY & TEST PORT	
			49-075-063-TP-1	
3	1		#63 UPP STANDARD PRIMARY PIPE	FRANKLIN
			EN14125 SDR 13.6 PE100 AS4130	
			001-063-006-E	
2	2		UPP ELECTROFUSION ELBOW 90°	FRANKLIN
			63mm 03-063-EIF	
1	2		SC 75mm x 63mm UPP GEMINI 90°	FRANKLIN
			ELBOW G3-075-063	

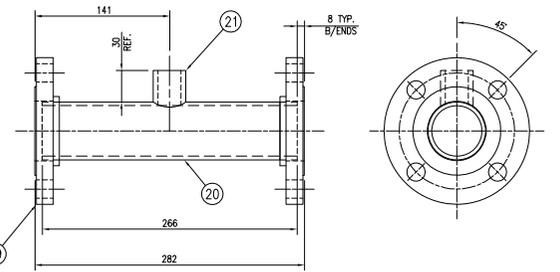
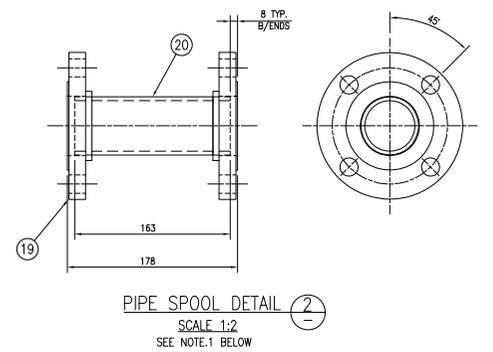
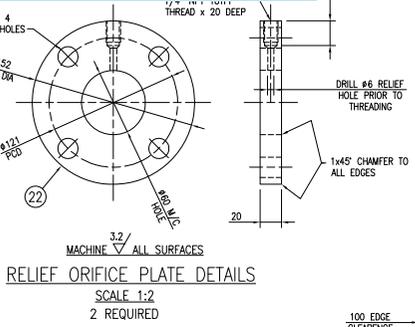
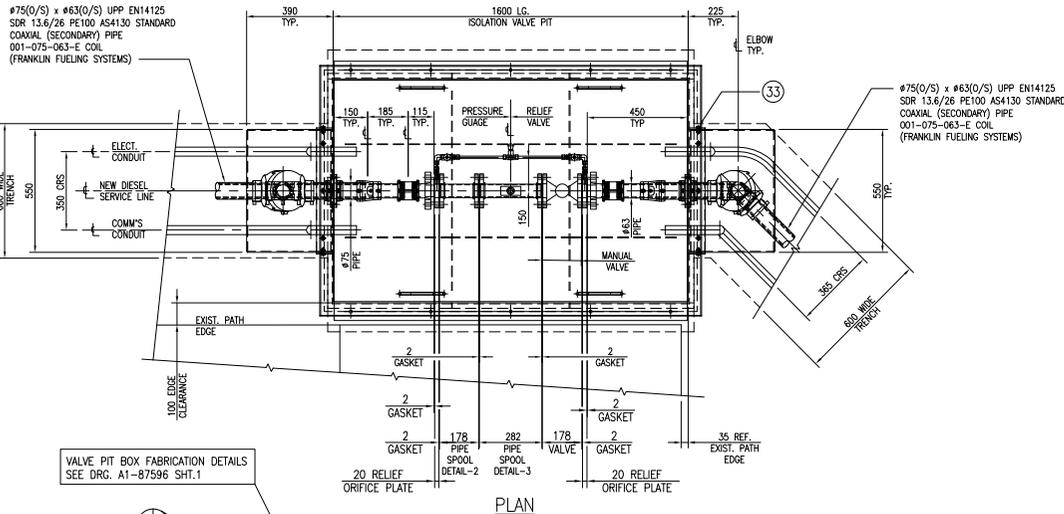
NOTE.1
SEE DRG. 87582 PIPING NOTES 5 & 6 FOR DETAILS OF TESTING REQUIREMENTS FOR PIPE SPOOLS

A1-87582		GLADSTONE TRAWLER WHARF DIESEL LINE UPGRADE - KEY PLAN REFERENCE DRAWINGS		SPECIFICATIONS		A		ISSUED FOR REVIEW		25-3-22		GLY		MOC. No.		PROJECT No.		EQUIPMENT No.		INDEX: L		SITE SAP No.		DRAWING No.		SHEET. REV.	
No.	REVISION DESCRIPTION	DATE	DRN	CHK	○	○	○	○	○	○	○	○	○	○	M21008		A1	11850	87584	7	A	GLD GLADSTONE MARINE REFUELLING FACILITY GLADSTONE HARBOUR TRAWLER WHARF DIESEL LINE UPGRADE TO U.P.P. PUMP PIT DETAILS					

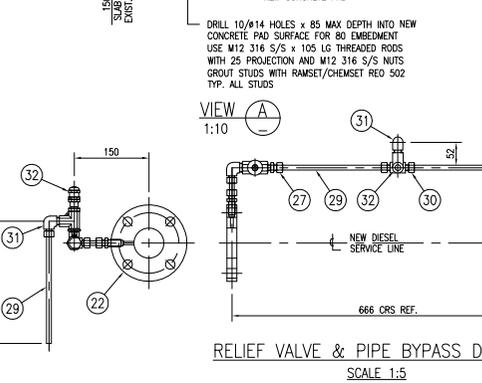
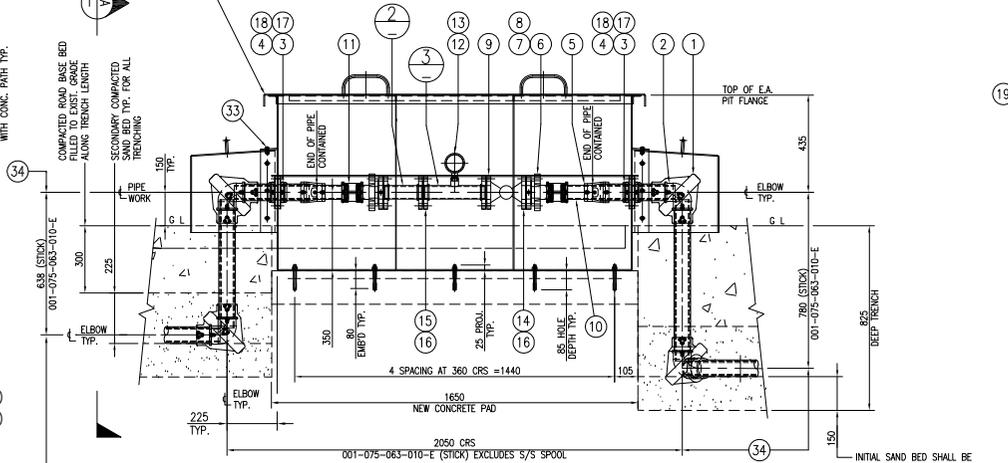
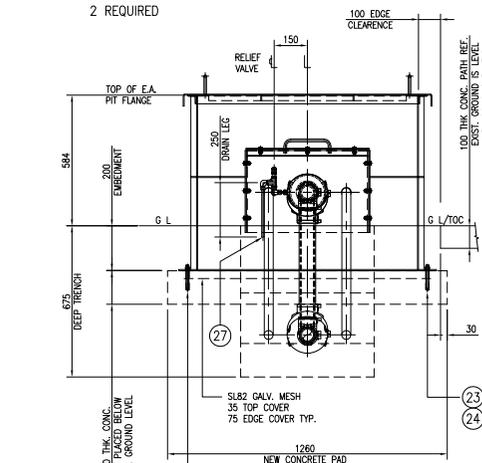


APPROVED

Name: Erin Clark
Date: 8:44am 05/10/2022



VALVE PIT BOX FABRICATION DETAILS
SEE DRG. A1-87596 SHT.1



NOTE.1
SEE DRG. 87582 PIPING NOTE 5 FOR DETAILS OF TESTING REQUIREMENTS FOR PIPE SPOOLS

ITEM	NO	OFF	DESCRIPTION	REMARKS
34	1		PIPE (STICK) 001-075-063-010-E	FRANKLIN 10m
33	18		CUT PIPE TO REQUIRED LENGTHS	
			BOLT M10 HEX HEAD x 25 LG	
			GRADE 8.8 A4-70	316 S/S
32	1		SWAGelok L-P VALVE RL3 M1/4"NPT x F1/4"NPT R'VALVE SS-RL3M4-F4	300 PSI 316 S/S
31	1		1/4" NPT x 3/8" TUBE -600-2-4	316 S/S
30	1		TEE FEMALE BRANCH 1/4"NPT x 3/8" TUBE -600-3ITF	316 S/S
29	2		TUBING 3/8"x.065" WALL x 1.2m LG	316 S/S
28	2		CUT TUBING TO REQUIRED LENGTHS	
			SWAGelok NEEDLE VALVE F&F 3/8" NPT SS-4GUF6 STRAIGHT PATTERN	316 S/S
27	2		MALE CONNECTOR SWAGelok 3/8" NPT x 3/8" TUBE -600-1-6	316 S/S
26	2		90° ELBOW SWAGelok 3/8" NPT x 3/8" TUBE -600-2-6	316 S/S
25	2		MALE CONNECTOR SWAGelok 1/4" NPT x 3/8" TUBE -600-1-4	316 S/S

ITEM	NO	OFF	DESCRIPTION	REMARKS
24	10		HEX NUT M12 GRADE 8.8 A2-70	304 S/S
23	10		M12 x 105 LG THREADED ROD	316 S/S
22	2		ROUND BAR Ø152.4 x 24 THK. MACHINE TO DIMENSIONS GIVEN	316 S/S
21	1		SOCKET DN25 SCREWED 150LB BSP	316 S/S
20	1		PIPE DN50 SCH.40S	316 S/S
19	4		FLANGE DN50 CL150 SLIP-ON R/F	316 S/S
18	8		HEX NUT M8 GRADE 8.8 A2-70	304 S/S
17	8		BOLT M8 HEX HEAD x 45 LG GRADE 8.8 A4-70	316 S/S
16	16		HEX NUT M16 GRADE 8.8 A2-70	304 S/S
15	8		BOLT M16 HEX HEAD x 80 LG GRADE 8.8 A4-70	316 S/S
14	8		BOLT M16 HEX HEAD x 120 LG GRADE 8.8 A4-70	316 S/S
13	1		RED. HEX. BUSH DN25x10 BSP M/F	304 S/S
12	1		PRESSURE GAUGE DIAL DIA. 100mm	316 S/S
			WIKA MODEL 213.53 PSI/1500 KPA	3/8" BSP
11	2		UPP FUSION LONG COUPLER 63mm	FRANKLIN
			95mm LG. 02-063-L	
			Ø63 UPP STANDARD PRIMARY PIPE EN14125 SDR 13.6 PE100 AS4130 001-063-006-E	FRANKLIN
			BALL VALVE DN50 CL150 RF FLANGED VELAN MODEL: F08-01413-SS-E1	316 S/S
			GASKET FPP 63mm FOR STUB 07.63	FRANKLIN 2mm THK.
			BACKING FLANGE DN50 UPP 63mm	FRANKLIN
			ANSI 06-063-A	
			STUB FLANGE UPP STUB 63mm	FRANKLIN
			05-063-L	
			UPP FUSION REDUCER 75mmx63mm	FRANKLIN
			SECONDARY & TEST PORT 49-075-063-TP-1	
			'JBS' H'DUTY T-BOLT CLAMP	BL'KWOODS
			FULL S/S BW/01291650	430 S/S
			PETRO SEAL 50mmx75mm MODIFIED	FRANKLIN
			TO SUIT Ø75 O/S PIPE (PS3)	
			UPP ELECTROFUSION ELBOW 90°	FRANKLIN
			63mm 03-063-EIF	
			SC 75mm x 63mm UPP GEMINI 90°	FRANKLIN
			ELBOW G3-075-063	

A1-87582		GLADSTONE TRAWLER WHARF DIESEL LINE UPGRADE - KEY PLAN REFERENCE DRAWINGS		SPECIFICATIONS		A		ISSUED FOR REVIEW		25-3-22		GLY		MOC. No.		PROJECT No.		EQUIPMENT No.		INDEX: SITE SAP No. DRAWING No.		SHEET. REV.	
No.	REVISION DESCRIPTION	DATE	DRN	CHK	INDEX	SIZE	INDEX	SIZE	INDEX	SIZE	INDEX	SIZE	INDEX	SIZE	INDEX	SIZE	INDEX	SIZE	INDEX	SIZE	INDEX	SIZE	INDEX

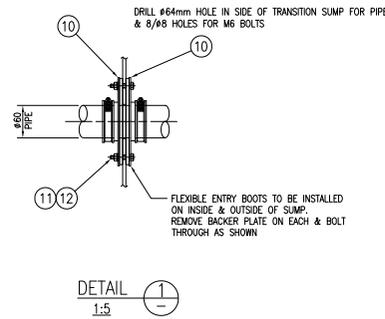
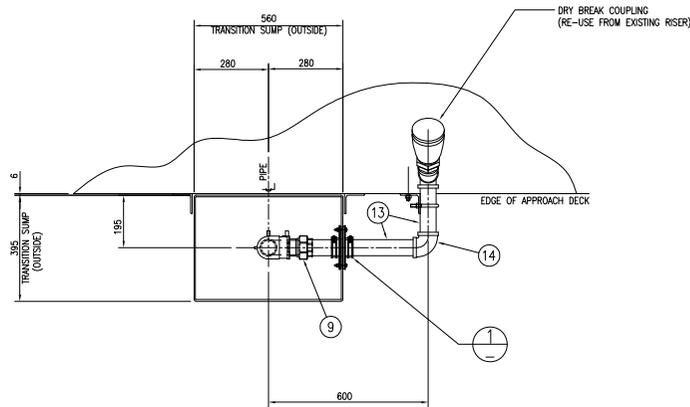
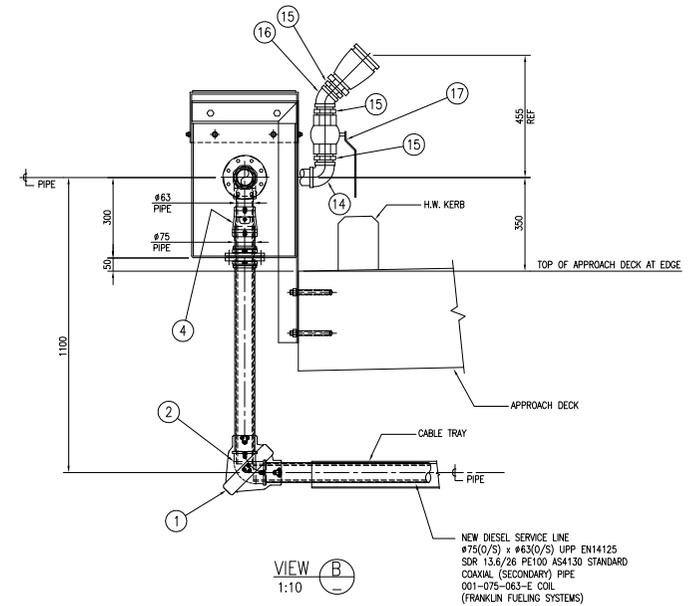
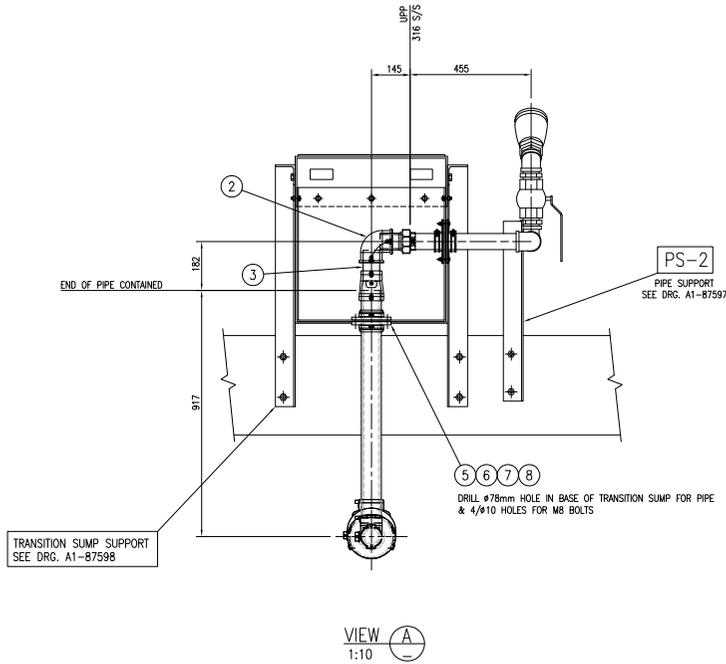


GLD GLADSTONE MARINE REFUELLING FACILITY
GLADSTONE HARBOUR TRAWLER WHARF
DIESEL LINE UPGRADE TO U.P.P.
ISOLATION VALVE PIT DETAILS

APPROVED

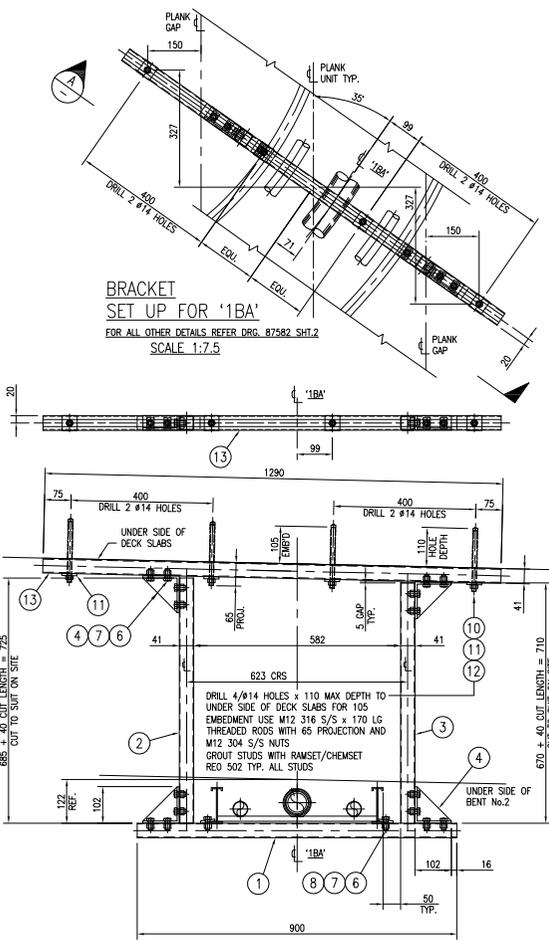
Name: Erin Clark

Date: 8:44am 05/10/2022



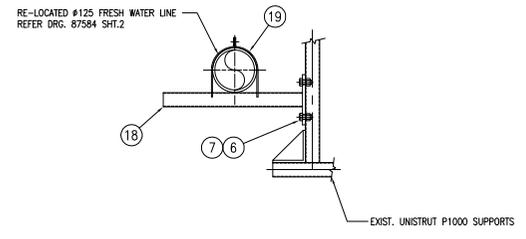
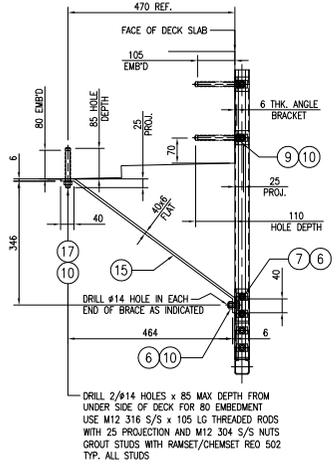
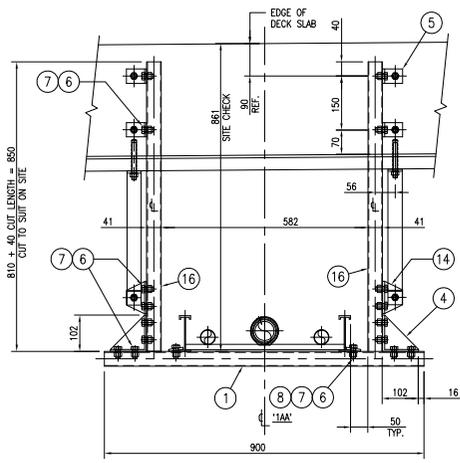
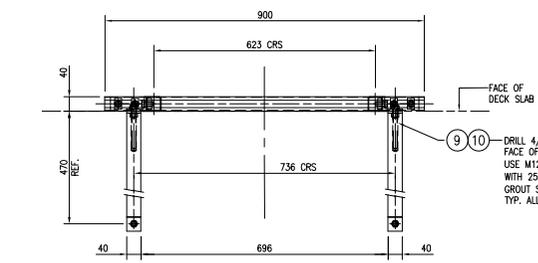
ITEM	NO	DESCRIPTION	REMARKS	DRG NUMBER
17	1	BALL VALVE DN50 THREADED BSPT	316 S/S	
		VELAN MODEL: EE-1000		
16	1	ELBOW 45° 150# THREADED BSPT	316 S/S	
15	3	HEX. NIPPLE 150# THREADED BSPT	316 S/S	
14	2	ELBOW 90° 150# THREADED BSPT	316 S/S	
13	1	PIPE DN50 SCH.80S	316 S/S	
12	8	HEX NUT M6 GRADE 8.8 A2-70	316 S/S	
11	8	BOLT M6 HEX HEAD x 40 LG	316 S/S	
10	2	APT FLEXIBLE ENTRY BOOT #61mm	FRANKLIN	
		FEB-175-SC		
9	1	UPP UNION TERM 63mm x 2" BSPT	FRANKLIN	
		92-063 UF BSPT FEMALE		
8	4	HEX NUT M8 GRADE 8.8 A2-70	316 S/S	
7	4	BOLT M8 HEX HEAD x 45 LG	316 S/S	
6	2	'JBS' H'DUTY T-BOLT CLAMP	BL'KWOODS	
		FULL S/S BW/01291650	430 S/S	
5	2	PETRO SEAL 50mmx75mm MODIFIED	FRANKLIN	
		TO SUIT #75 O/S PIPE (PS3)		
		05-063-L		
4	1	UPP FUSION REDUCER 75mmx63mm	FRANKLIN	
		SECONDARY & TEST PORT		
		49-075-063-TP-1		
3	1	#63 UPP STANDARD PRIMARY PIPE	FRANKLIN	
		EN14125 SDR 13.6 PE100 AS4130		
		001-063-006-E		
2	2	UPP ELECTROFUSION ELBOW 90°	FRANKLIN	
		63mm 03-063-EIF		
1	1	SC 75mm x 63mm UPP GEMINI 90°	FRANKLIN	
		ELBOW G3-075-063		

A1-87582		GLADSTONE TRAWLER WHARF DIESEL LINE UPGRADE - KEY PLAN REFERENCE DRAWINGS		SPECIFICATIONS		A		ISSUED FOR REVIEW		25-3-22		GLY		MOG. No.		PROJECT No.		EQUIPMENT No.		INDEX. No.		SITE SAP No.		DRAWING No.		SHEET. REV.	
No.	REVISION DESCRIPTION	DATE	DRN	CHK	○	○	○	○	○	○	○	○	○	○	M21008		L	A1	11850	87584	9	A					
<p style="text-align: center;">BAILEY'S MARINE FUELS</p> <p style="text-align: center;">GLD GLADSTONE MARINE REFUELLING FACILITY</p> <p style="text-align: center;">GLADSTONE HARBOUR TRAWLER WHARF DIESEL LINE UPGRADE TO U.P.P. BUNKER POINT RISER & TRANSITION SUMP</p> <p style="text-align: center;"><small>CONTRACTOR: THE DRAWING & DESIGN MUST NOT BE COPIED IN WHOLE OR PART WITHOUT THE WRITTEN CONSENT OF GLADSTONE PORTS CORPORATION.</small></p>																											



VIEW A
1:7.5

TYP. BRACKET DETAILS FOR '1BA'
SCALE 1:7.5
REFER DRAWING 87584 SHT.2



TYP. BRACKET DETAILS FOR '1BC' & '1BD'
SCALE 1:7.5

GPC Gladstone Ports Corporation

APPROVED

Name: Erin Clark
Date: 8:44am 05/10/2022

PRELIMINARY ISSUE

ITEM	NO	OFF	DESCRIPTION	REMARKS
19	2		UNISTRUT P2062 S/S PIPE CLAMP	316 S/S
18	2		UNISTRUT PCL300 BRACKET & BRACE	316 S/S
17	2		M12 x 105 LG THREADED ROD	316 S/S
16	2		UNISTRUT P1000-SS x 850 LG	316 S/S
15	2		BRACE MADE FROM 40x6 FLAT BAR AS INDICATED DRILLED ø14 HOLES	316 S/S
14	2		UNISTRUT P1357 90° ANGLE BRACKET	316 S/S
13	1		UNISTRUT P1000-SS x 1290 LG	316 S/S
12	4		M12 x 170 LG THREADED ROD	316 S/S
11	4		UNISTRUT P1064-SS WASHER	316 S/S
10	12		M12 HEX NUT	304 S/S
9	4		M12 x 130 LG THREADED ROD	316 S/S
8	4		UNISTRUT 16A LUG50SS WASHER	316 S/S
7	40		UNISTRUT P1013-SS STRUT NUT	316 S/S
6	40		UNISTRUT HHS1230 M12 BOLT	316 S/S
5	4		UNISTRUT P1068 90° ANGLE BRACKET	316 S/S
4	6		UNISTRUT P2484 90° BRACKET	316 S/S
3	1		UNISTRUT P1000-SS x 710 LG	316 S/S
2	1		UNISTRUT P1000-SS x 725 LG	316 S/S
1	2		UNISTRUT P1000-SS x 900 LG	316 S/S

A1-87582		GLADSTONE TRAWLER WHARF DIESEL LINE UPGRADE - KEY PLAN REFERENCE DRAWINGS		SPECIFICATIONS		A		ISSUED FOR REVIEW		25-3-22		GLY		MOG. No.		PROJECT No.		EQUIPMENT No.		INDEX		SITE SAP No.		DRAWING No.		SHEET. REV.			
No.	REVISION	DESCRIPTION	DATE	DRN	CHK	DATE	DRN	CHK	DATE	DRN	CHK	DATE	DRN	CHK	DATE	DRN	CHK	DATE	DRN	CHK	DATE	DRN	CHK	DATE	DRN	CHK	DATE	DRN	CHK

BAILEY'S MARINE FUELS

GLD GLADSTONE MARINE REFUELLING FACILITY

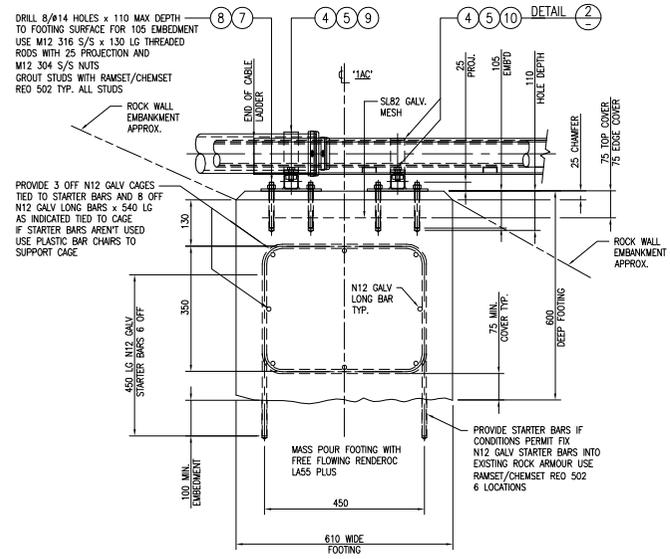
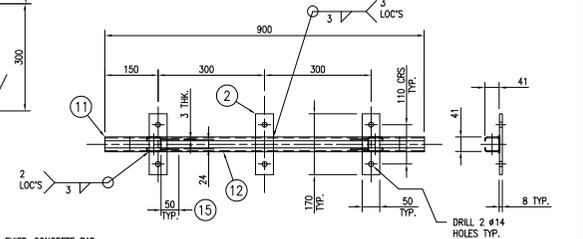
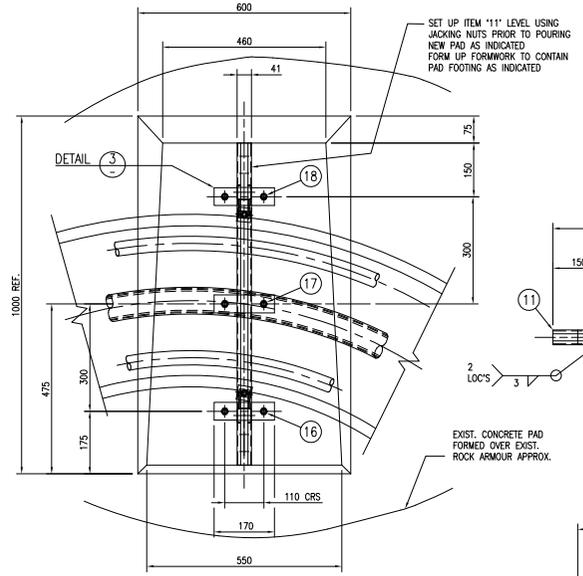
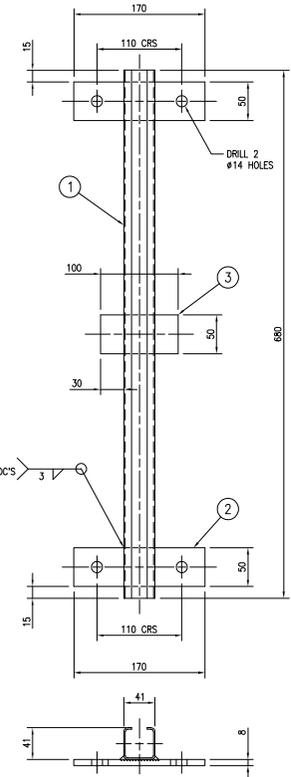
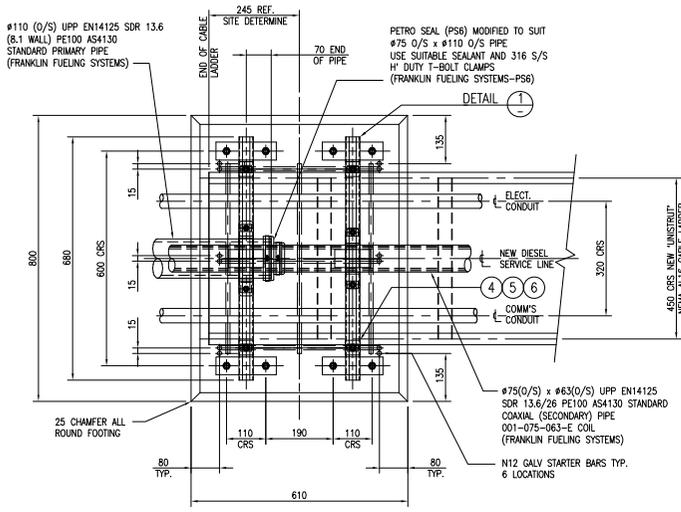
GLADSTONE HARBOUR TRAWLER WHARF DIESEL LINE UPGRADE TO U.P.P. UNISTRUT SUPPORT BRACKET DETAILS

CONTRACTOR: THE DRAWING & DESIGN MUST NOT BE COPIED IN WHOLE OR PART WITHOUT THE WRITTEN CONSENT OF GRANITE BUILT PTY LTD. (A/C 12 19 01 14) (A/N 130 8677 316)

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Name: Erin Clark

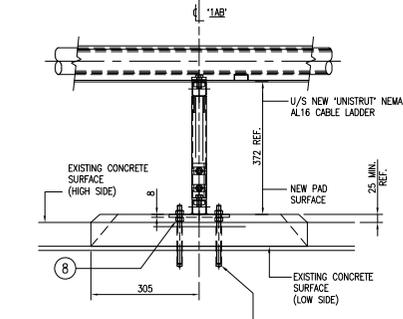
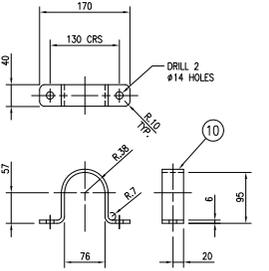
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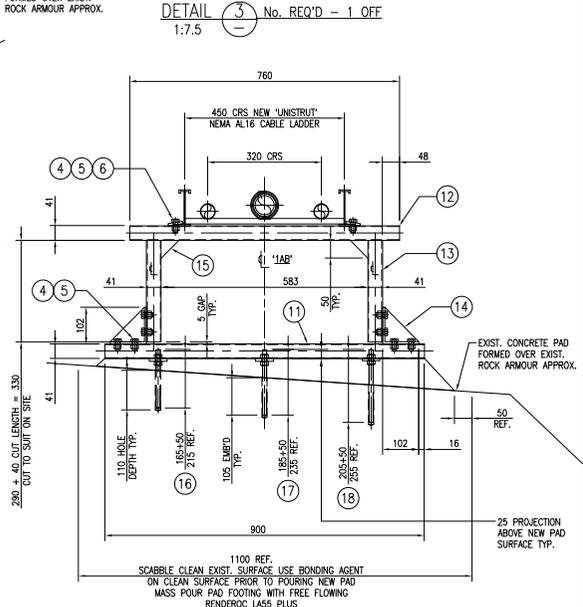
TYP. BRACKET DETAILS FOR '1AC'

SCALE 1:7.5

REFER DRAWING 87584 SHT.2



DRILL 6/Ø14 HOLES x 110 MAX DEPTH INTO EXISTING CONCRETE PAD SURFACE FOR 10S EMBEDMENT USE M12 316 S/S THREADED RODS AS INDICATED WITH 25 PROJECTION ABOVE NEW PAD SURFACE AND WITH 2 x M12 304 S/S NUTS (ONE TO LEVEL BR/PLATES AND ONE TO LOCK) DETERMINE M12 THREADED ROD LENGTHS ON SITE CUT EXCESS ROD OFF TO 25 PROJ. AFTER SETUP GROUT STUDS WITH RAMSET/CHEMSET REO 502 TYP. ALL STUDS



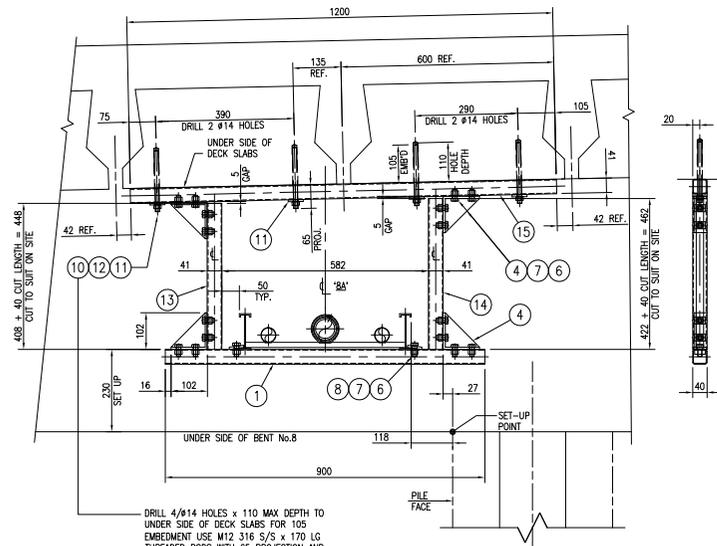
TYP. BRACKET DETAILS FOR '1AB'

SCALE 1:7.5

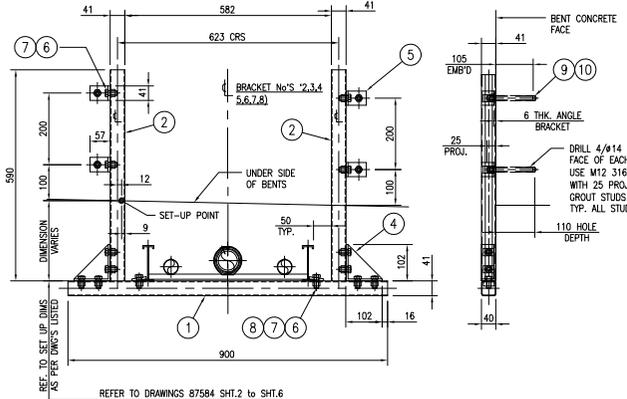
REFER DRAWING 87584 SHT.2

PRELIMINARY ISSUE

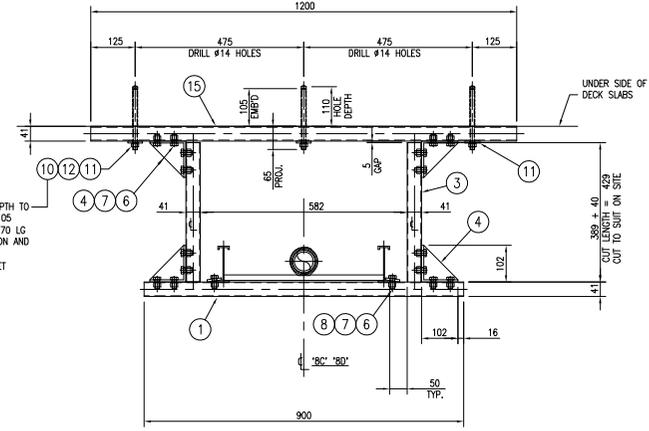
ITEM	NO	OFF	DESCRIPTION	REMARKS	DWG NUMBER	ITEM	NO	OFF	DESCRIPTION	REMARKS
15	4		GUSSET 50x45x3 FLAT AS INDICATED	316 S/S		15	4		GUSSET 50x45x3 FLAT AS INDICATED	316 S/S
14	2		UNISTRUT P2484 90° BRACKET	316 S/S		14	2		UNISTRUT P2484 90° BRACKET	316 S/S
13	2		UNISTRUT P1000-SS x 330 LG	316 S/S		13	2		UNISTRUT P1000-SS x 330 LG	316 S/S
12	1		UNISTRUT P1000-SS x 760 LG	316 S/S		12	1		UNISTRUT P1000-SS x 760 LG	316 S/S
11	1		UNISTRUT P1000-SS x 900 LG	316 S/S		11	1		UNISTRUT P1000-SS x 900 LG	316 S/S
10	1		SADDLE MADE FROM 40x6 FLAT BAR x 210 LG AS INDICATED DRILLED Ø14 HOLES	316 S/S		10	1		SADDLE MADE FROM 40x6 FLAT BAR x 210 LG AS INDICATED DRILLED Ø14 HOLES	316 S/S
9	1		UNISTRUT UN15-114 SADDLE CLAMP	316 S/S		9	1		UNISTRUT UN15-114 SADDLE CLAMP	316 S/S
8	20		M12 HEX NUT	304 S/S		8	20		M12 HEX NUT	304 S/S
7	8		M12 x 130 LG THREADED ROD	316 S/S		7	8		M12 x 130 LG THREADED ROD	316 S/S
6	6		UNISTRUT 16A LUG50SS WASHER	316 S/S		6	6		UNISTRUT 16A LUG50SS WASHER	316 S/S
5	18		UNISTRUT P1013-SS STRUT NUT	316 S/S		5	18		UNISTRUT P1013-SS STRUT NUT	316 S/S
4	18		UNISTRUT HHS1230 M12 BOLT	316 S/S		4	18		UNISTRUT HHS1230 M12 BOLT	316 S/S
3	2		FLAT BAR 50 x 8THK x 100 LG	316 S/S		3	2		FLAT BAR 50 x 8THK x 100 LG	316 S/S
2	4		FLAT BAR 50 x 8THK x 170 LG	316 S/S		2	4		FLAT BAR 50 x 8THK x 170 LG	316 S/S
1	2		UNISTRUT P1000-SS x 680 LG	316 S/S		1	2		UNISTRUT P1000-SS x 680 LG	316 S/S



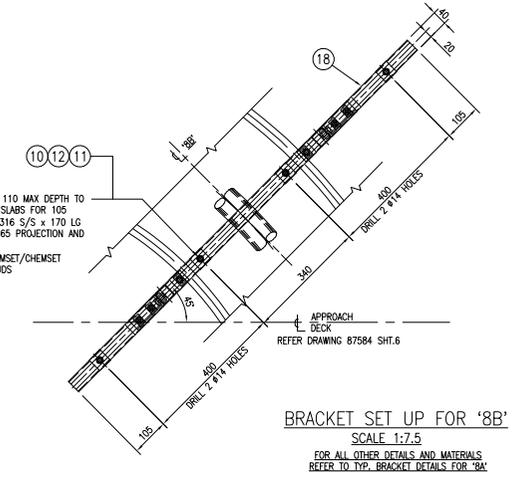
TYP. BRACKET DETAILS FOR '8A'
SCALE 1:7.5
REFER DRAWING 87584 SHT.6



TYP. BRACKET DETAILS AT BENT No'S 2,3,4,5,6,7,8
SCALE 1:7.5



TYP. BRACKET DETAILS FOR '8C' & '8D'
SCALE 1:7.5
REFER DRAWING 87584 SHT.6



BRACKET SET UP FOR '8B'
SCALE 1:7.5
FOR ALL OTHER DETAILS AND MATERIALS REFER TO TYP. BRACKET DETAILS FOR '8A'

ITEM	NO	OFF	DESCRIPTION	REMARKS
20	5		UNISTRUT P1000-SS x 462 LG	316 S/S
19	5		UNISTRUT P1000-SS x 448 LG	316 S/S
18	10		UNISTRUT P1000-SS x 1350 LG	316 S/S
17	5		UNISTRUT P1000-SS x 862 LG	316 S/S
16	5		UNISTRUT P1000-SS x 848 LG	316 S/S
15	3		UNISTRUT P1000-SS x 1200 LG	316 S/S
14	1		UNISTRUT P1000-SS x 462 LG	316 S/S
13	1		UNISTRUT P1000-SS x 448 LG	316 S/S
12	44		M12 x 170 LG THREADED ROD	316 S/S
11	44		UNISTRUT P1064-SS WASHER	316 S/S
10	68		M12 HEX NUT	304 S/S
9	24		M12 x 130 LG THREADED ROD	316 S/S
8	34		UNISTRUT 16A LUG50SS WASHER	316 S/S
7	236		UNISTRUT P1013-SS STRUT NUT	316 S/S
6	236		UNISTRUT HHS1230 M12 BOLT	316 S/S
5	24		UNISTRUT P1068 90° ANGLE BRACKET	316 S/S
4	56		UNISTRUT P2484 90° BRACKET	316 S/S
3	4		UNISTRUT P1000-SS x 429 LG	316 S/S
2	7		UNISTRUT P1000-SS x 590 LG	316 S/S
1	17		UNISTRUT P1000-SS x 900 LG	316 S/S

Gladstone Ports Corporation

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Name: Erin Clark
Date: 8:44am 05/10/2022

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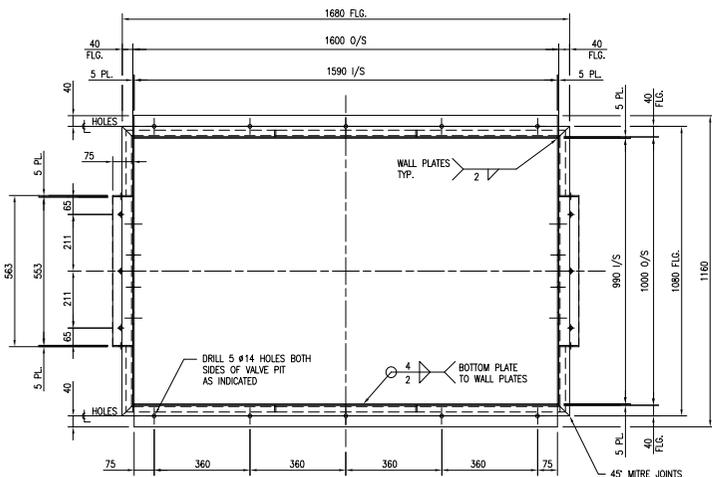
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A1-87582	GLADSTONE TRAWLER WHARF DIESEL LINE UPGRADE - KEY PLAN REFERENCE DRAWINGS						
A	ISSUED FOR REVIEW	25-3-22	GLY				
No.	REVISION DESCRIPTION	DATE	DRN	CHK			



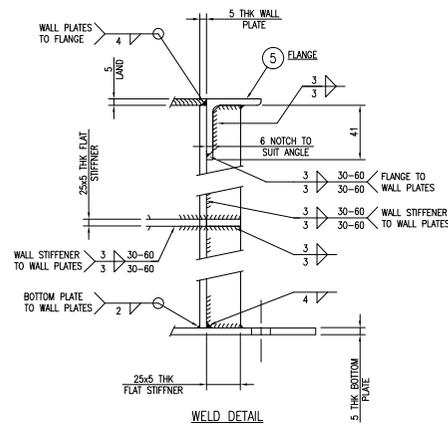
GLD GLADSTONE MARINE REFUELLING FACILITY

GLADSTONE HARBOUR TRAWLER WHARF
DIESEL LINE UPGRADE TO U.P.P.
UNISTRUT SUPPORT BRACKET DETAILS

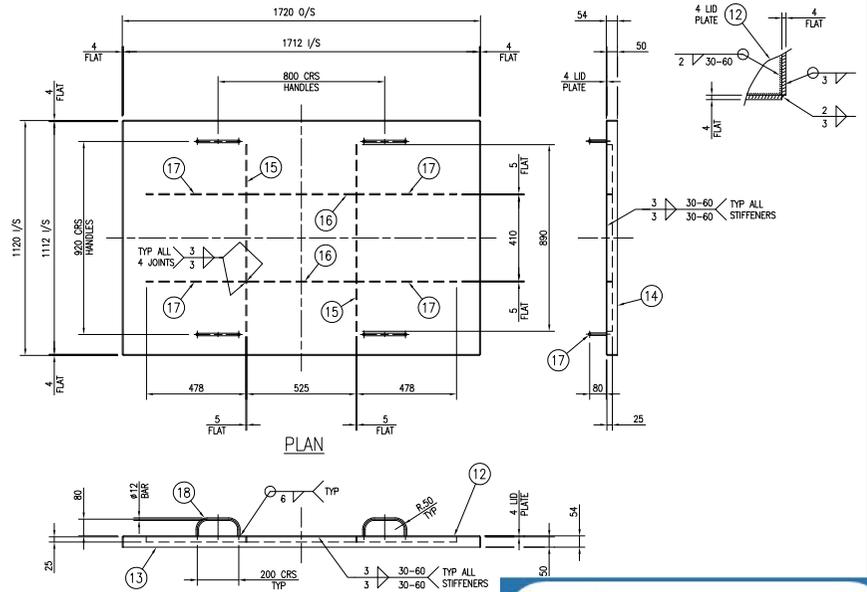
MOC. No.	PROJECT No.	EQUIPMENT No.	INDEX	SIZE	SITE SAP No.	DRAWING No.	SHEET	REV.
	M21008		M	A1	11850	87595	3	A



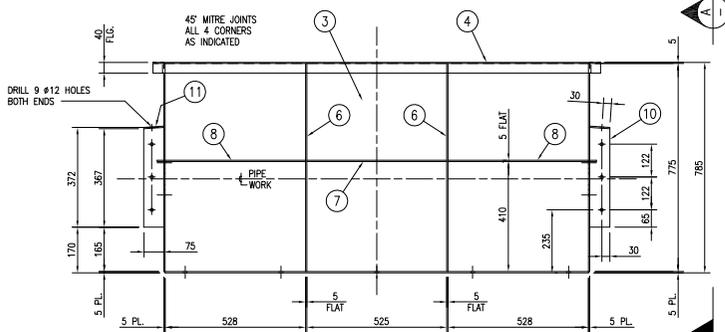
PLAN
SCALE 1:10



WELD DETAIL
ENLARGED VIEW

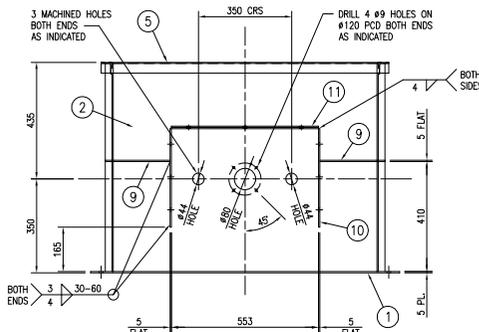


ISOLATION VALVE BOX - LID DETAILS
SCALE 1:10



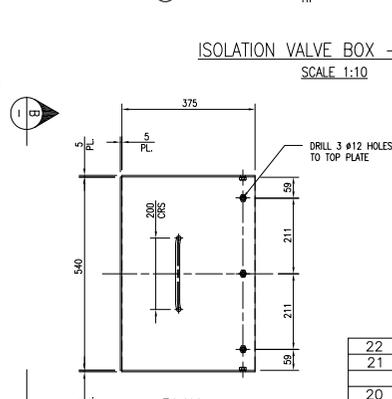
TYP. BOTH ENDS

VIEW A
1:7.5

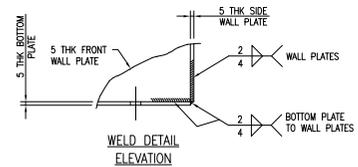


TYP. BOTH ENDS

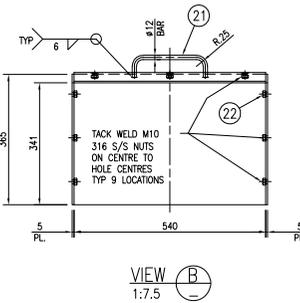
VIEW A
1:7.5



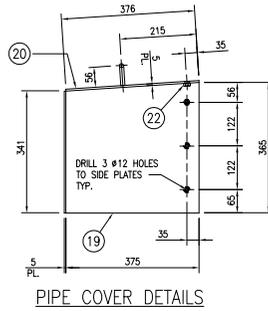
PLAN



WELD DETAIL
ELEVATION



VIEW B
1:7.5

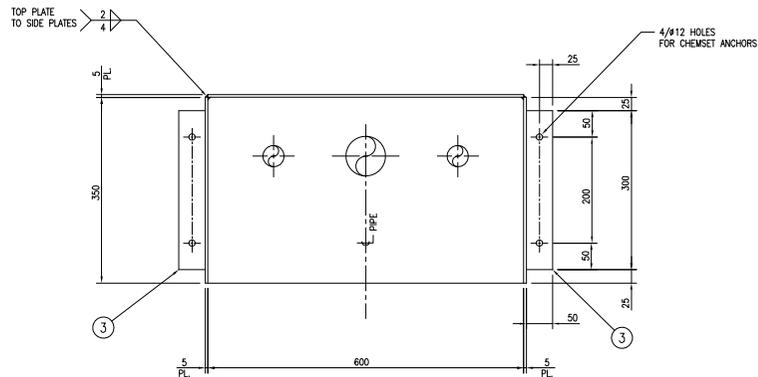


PIPE COVER DETAILS
2 OFF - AS DRAWN
SCALE 1:7.5

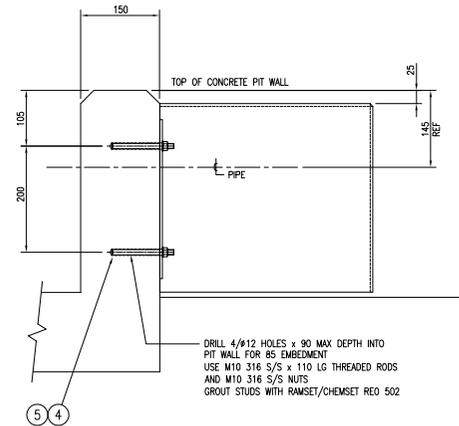
PRELIMINARY
ISSUE

ITEM	NO	OFF	DESCRIPTION	REMARKS
22	18		HEX NUT M10 GRADE 8.8 A2-70	316 S/S
21	2		ROUND BAR Ø12 x 290 LG.	316 S/S
			PROFILE TO SUIT DIMENSIONS GIVEN	
20	2		PLATE 376 x 5 THK x 540 LG	316 S/S
19	4		PLATE 365 x 5 THK x 375 LG	316 S/S
			PROFILE TO SUIT DIMENSIONS GIVEN	DRILLED
18	4		ROUND BAR Ø12 x 320 LG.	316 S/S
			PROFILE TO SUIT DIMENSIONS GIVEN	
17	4		FLAT 25 x 5 THK x 478 LG	316 S/S
16	2		FLAT 25 x 5 THK x 525 LG	316 S/S
15	2		FLAT 25 x 5 THK x 890 LG	316 S/S
14	2		FLAT 50 x 4 THK x 1112 LG	316 S/S
13	2		FLAT 50 x 4 THK x 1712 LG	316 S/S
12	1		PLATE 1112 x 4 THK x 1712 LG	316 S/S
11	2		FLAT 75 x 5 THK x 553 LG	DRILLED 316 S/S
10	4		FLAT 75 x 5 THK x 372 LG	316 S/S
			PROFILE TO SUIT DIMENSIONS GIVEN	DRILLED
9	4		FLAT 25 x 5 THK x 219 LG	316 S/S
8	4		FLAT 25 x 5 THK x 558 LG	316 S/S
7	2		FLAT 25 x 5 THK x 525 LG	316 S/S
6	4		FLAT 25 x 5 THK x 775 LG	316 S/S
5	2		ANGLE 40 x 5 THK x 1080 LG	316 S/S
4	2		ANGLE 40 x 5 THK x 1680 LG	316 S/S
3	2		PLATE 775 x 5 THK x 1590 LG	316 S/S
2	2		PLATE 775 x 5 THK x 990 LG	316 S/S
1	1		PLATE 1160 x 5 THK x 1590 LG	316 S/S

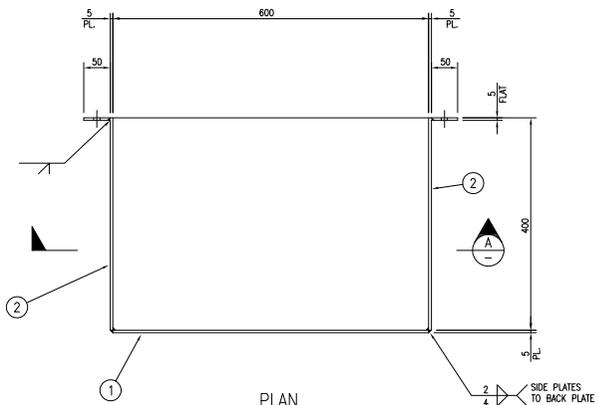
A1-87582 GLADSTONE TRAWLER WHARF DIESEL LINE UPGRADE - KEY PLAN REFERENCE DRAWINGS		SPECIFICATIONS		ISSUED FOR REVIEW		25-3-22		GLY		MOC. No.		PROJECT No.		EQUIPMENT No.		INDEX/ SITE SAP No.		DRAWING No.		SHEET/ REV.	
No.	REVISION DESCRIPTION	No.	REVISION DESCRIPTION	DATE	DRN	CHK	○	○	○	○	M21008		M	A1	11850	87596	1	A			



VIEW A
SCALE 1:5



SIDE VIEW
SCALE 1:5



PLAN
SCALE 1:5

GPC Gladstone Ports Corporation

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Name: Erin Clark
Date: 8:44am 05/10/2022

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ISSUE

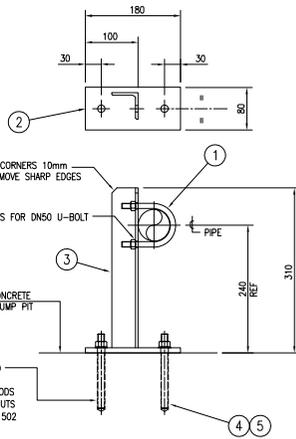
ITEM	NO	OFF	DESCRIPTION	REMARKS
5	4		HEX NUT M10 GRADE 8.8 A4-70	316 S/S
4	4		M10 x 110 LG THREADED ROD	316 S/S
3	2		FLAT 50 x 5 THK x 300 LG DRILLED	316 S/S
2	2		PLATE 400 x 5 THK x 350 LG	316 S/S
1	2		PLATE 350 x 5 THK x 600 LG	316 S/S

A1-87582	GLADSTONE TRAWLER WHARF DIESEL LINE UPGRADE - KEY PLAN	REFERENCE DRAWINGS	SPECIFICATIONS	A	ISSUED FOR REVIEW	25-3-22	GLY	DRN	CHK	○	○	○	○	○	○	○	○	○	○
No.	REVISION DESCRIPTION	DATE																	

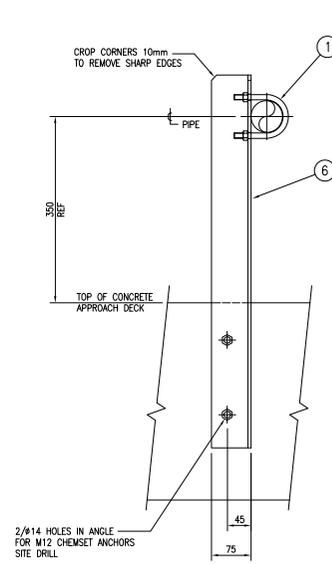
BAILEY'S MARINE FUELS
AUSTRALIA
ESTABLISHED 1988
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GLD GLADSTONE MARINE REFUELLING FACILITY
GLADSTONE HARBOUR TRAWLER WHARF
DIESEL LINE UPGRADE TO U.P.P.
PUMP PIT - PIPE COVER BOX

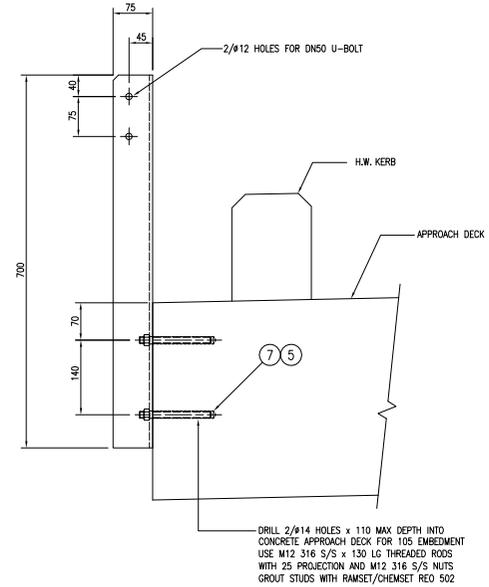
MOC No.	PROJECT No.	EQUIPMENT No.	INDEX SIZE	SITE SAP No.	DRAWING No.	SHEET	REV.
	M21008		M A1	11850	87596	2	A



PIPE SUPPORT 'PS-1'
SCALE 1:5



PIPE SUPPORT 'PS-2'
SCALE 1:5



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Name: Erin Clark

Date: 8:44am 05/10/2022

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ISSUE

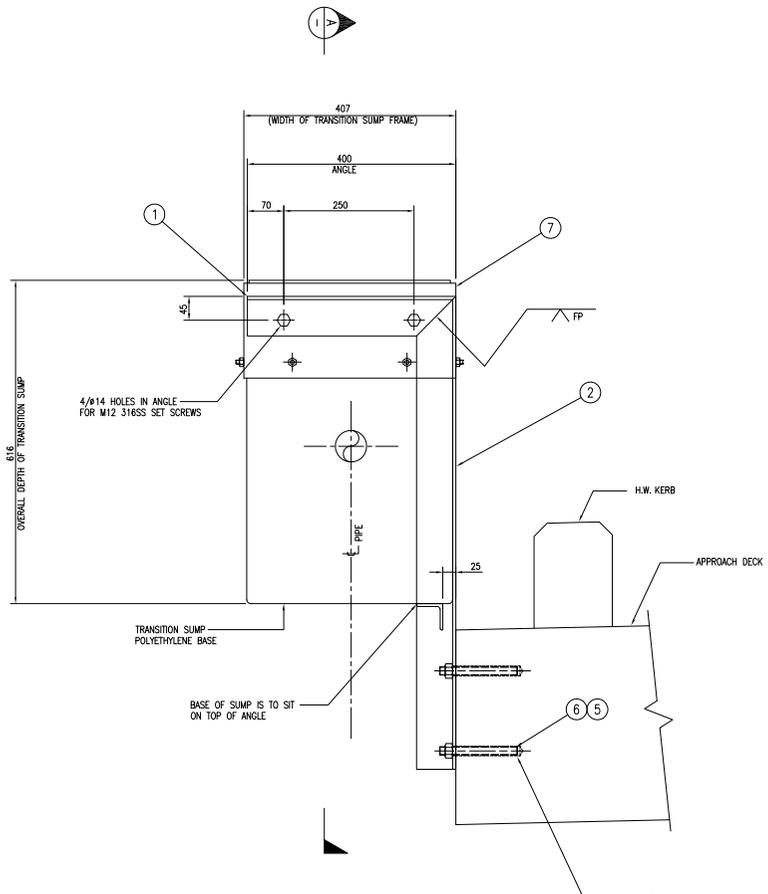
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7	2	M12 x 130 LG THREADED ROD	316 S/S
6	1	75 x 6 THK ANGLE x 700 LG	316 S/S
5	4	HEX NUT M12 GRADE 8.8 A4-70	316 S/S
4	2	M12 x 110 LG THREADED ROD	316 S/S
3	1	50 x 6 THK ANGLE x 300 LG	316 S/S
2	1	10 THK PLATE 1180 LG x 80 W	316 S/S
1	2	U-BOLT DN50 HEAVY DUTY	316 S/S



GLD GLADSTONE MARINE REFUELLING FACILITY
GLADSTONE HARBOUR TRAWLER WHARF
DIESEL LINE UPGRADE TO U.P.P.
PIPE SUPPORT DETAILS

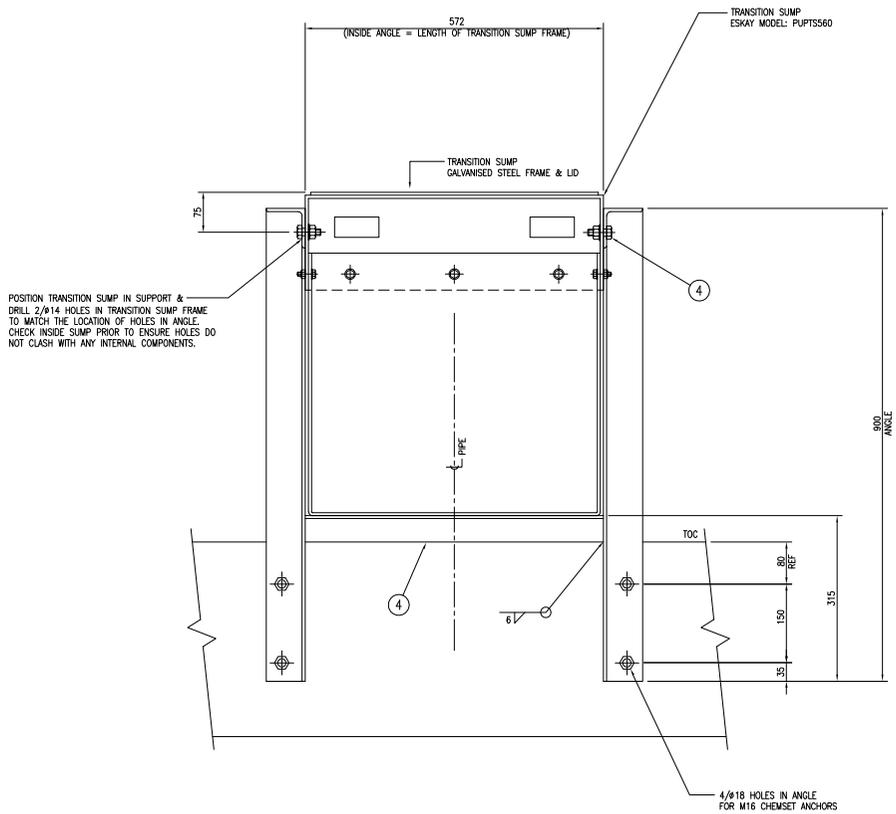
No.	REVISION DESCRIPTION	DATE	DRN	CHK	○	○	○	○	○	○
A1-87582	GLADSTONE TRAWLER WHARF DIESEL LINE UPGRADE - KEY PLAN	25-3-22	GLY							

WOC No.	PROJECT No.	EQUIPMENT No.	INDEX, SIZE.	SITE SAP No.	DRAWING No.	SHEET.	REV.
	M21008		L A1	11850	87597	0	A



SIDE VIEW
SCALE 1:5

DRILL 4/818 HOLES x 130 MAX DEPTH INTO CONCRETE APPROACH DECK FOR 125 EMBEDMENT USE M16 316 S/S x 160 LG THREADED RODS WITH 35 PROJECTION AND M16 316 S/S NUTS GROUT STUDS WITH RAMSET/CHEMSET REQ 502



VIEW A
1:5

POSITION TRANSITION SUMP IN SUPPORT & DRILL 2/814 HOLES IN TRANSITION SUMP FRAME TO MATCH THE LOCATION OF HOLES IN ANGLE. CHECK INSIDE SUMP PRIOR TO ENSURE HOLES DO NOT CLASH WITH ANY INTERNAL COMPONENTS.



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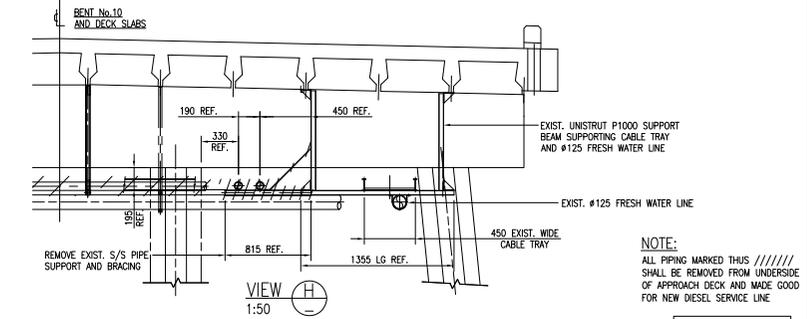
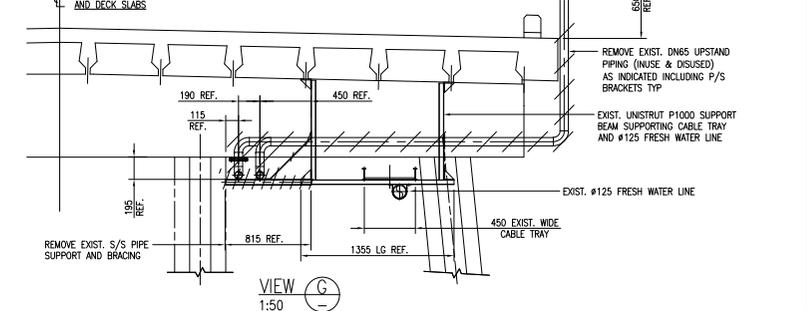
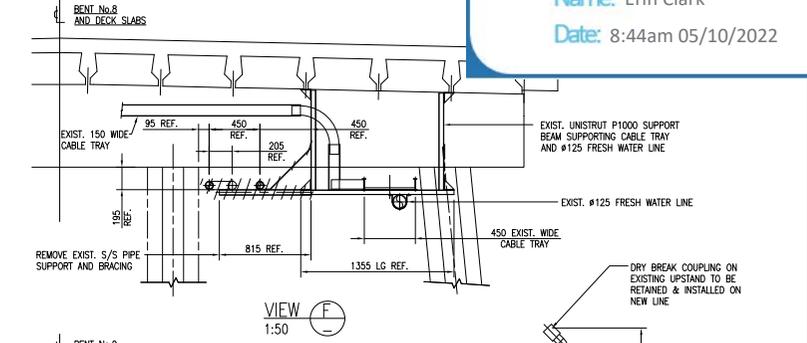
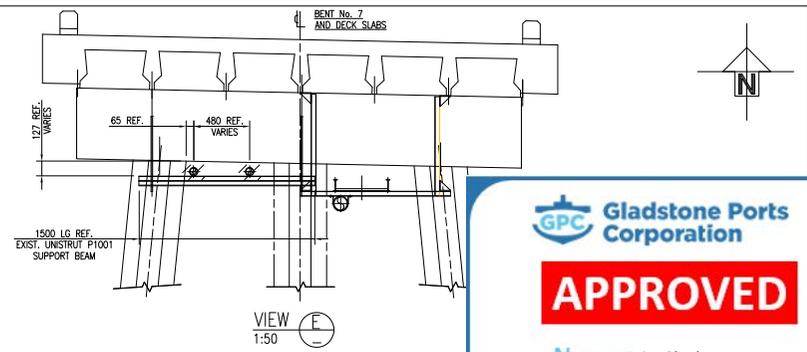
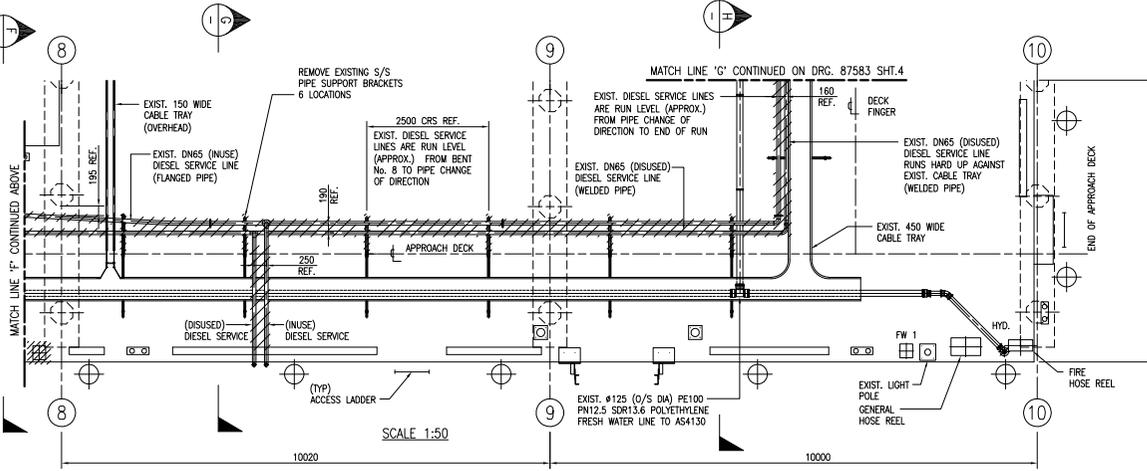
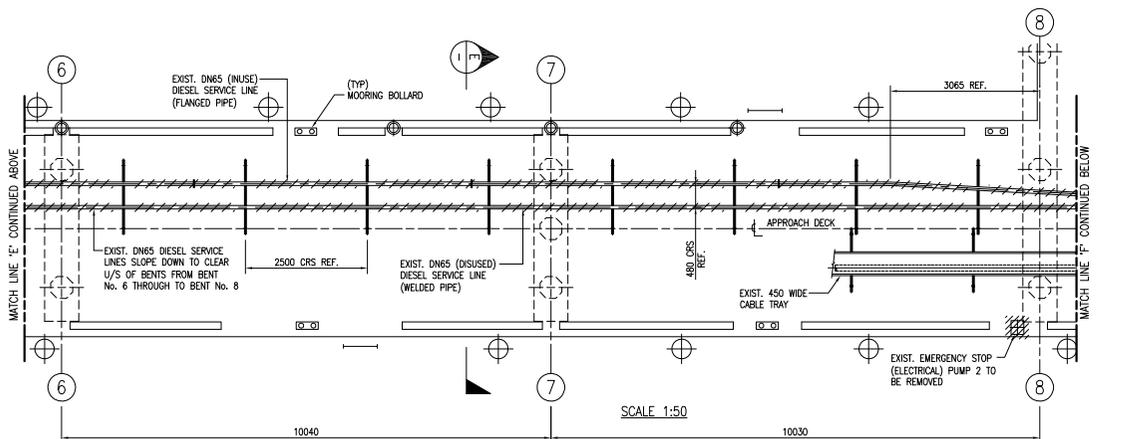
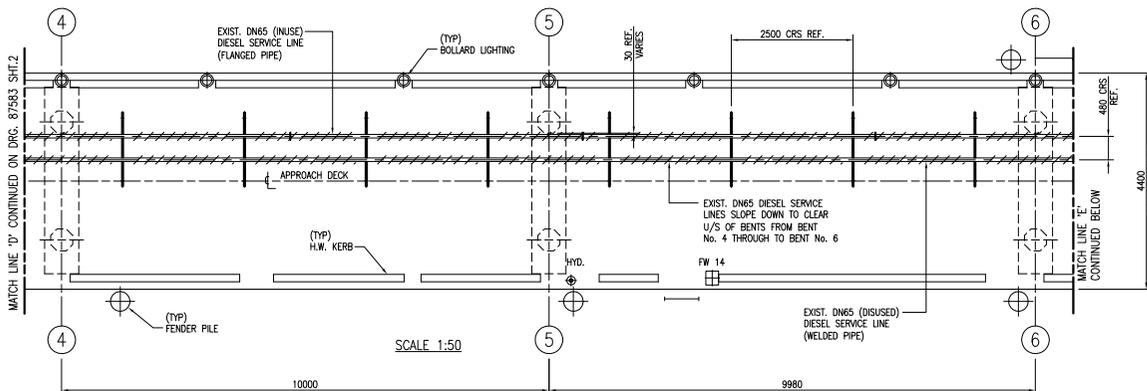
Name: Erin Clark
Date: 8:44am 05/10/2022

NOTE
ALL TRANSITION SUMP DIMENSIONS ARE TO BE CONFIRMED PRIOR TO COMMENCING FABRICATION. SHOULD DIMENSIONS DIFFER FROM THOSE SHOWN ON THIS DRAWING THE SUPPORT IS TO BE ADJUSTED TO SUIT

PRELIMINARY
ISSUE

ITEM	NO	OFF	DESCRIPTION	REMARKS
7	1		TRANSITION SUMP ESKAY MODEL: PUPTS560	
6	4		HEX NUT M16 GRADE 8.8 A4-70	316 S/S
5	4		M16 x 160 LG THREADED ROD	316 S/S
4	4		M12 x 45 LG SET SCREW c/w HEX NUT & WASHER	316 S/S
3	1		ANGLE 50 x 6 THK x 572 LG	316 S/S
2	2		ANGLE 75 x 6 THK x 900 LG	316 S/S
1	2		ANGLE 75 x 6 THK x 400 LG	316 S/S

A1-87582		GLADSTONE TRAWLER WHARF DIESEL LINE UPGRADE - KEY PLAN		SPECIFICATIONS		A		ISSUED FOR REVIEW		25-3-22		GLY		MOC. No.		PROJECT No.		EQUIPMENT No.		INDEX. SIZE.		SITE SAP No.		DRAWING No.		SHEET. REV.	
		REFERENCE DRAWINGS				No.		REVISION DESCRIPTION		DATE		DRN		M21008						M		A1 11850		87598		0 A	
<p style="text-align: center;">BAILEY'S MARINE FUELS AUSTRALIA GLD GLADSTONE MARINE REFUELLING FACILITY GLADSTONE HARBOUR TRAWLER WHARF DIESEL LINE UPGRADE TO U.P.P. TRANSITION SUMP SUPPORT</p> <p style="text-align: center;"><small>COPYRIGHT THIS DRAWING & DESIGN MUST NOT BE COPIED IN WHOLE OR PART WITHOUT THE WRITTEN CONSENT OF GRHAM BAILEY FITZ LTD.</small></p>																											



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NOTE:
ALL PIPING MARKED THUS // //// SHALL BE REMOVED FROM UNDERSIDE OF APPROACH DECK AND MADE GOOD FOR NEW DIESEL SERVICE LINE

PRELIMINARY ISSUE

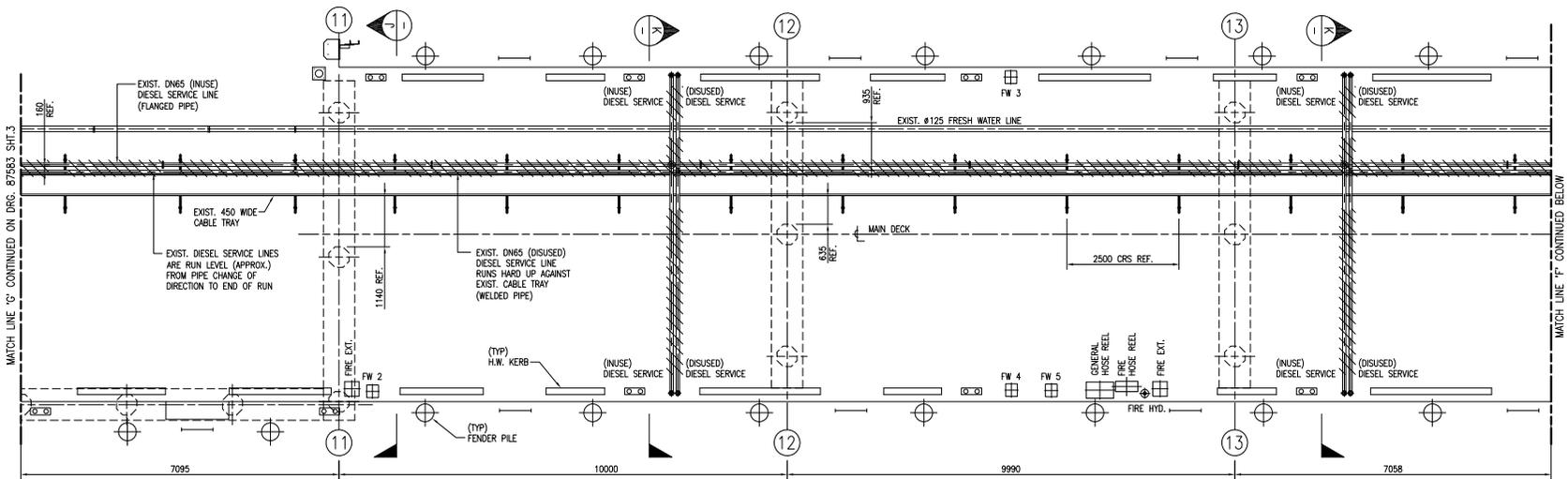
A1-87582		GLADSTONE TRAWLER WHARF DIESEL LINE UPGRADE - KEY PLAN REFERENCE DRAWINGS		SPECIFICATIONS		A		ISSUED FOR REVIEW		25-3-22		GLY		MOC. No.		PROJECT No.		EQUIPMENT No.		INDEX		SITE SAP No.		DRAWING No.		SHEET. REV.	
						No.		REVISION DESCRIPTION		DATE		DRN		CHK		M21008				L		A1 11850		87583		3 A	



OLD GLADSTONE MARINE REFUELLING FACILITY

GLADSTONE HARBOUR TRAWLER WHARF
REMOVAL OF EXISTING STEEL DIESEL LINE
APPROACH DECK PIPING BENT #4 TO BENT #10

CONTRACT: THE DRAWINGS & DESIGN MUST NOT BE COPIED IN WHOLE OR PART WITHOUT THE WRITTEN CONSENT OF GRANITE BULKHEAD PTY LTD. JAN 1991 8477 3160

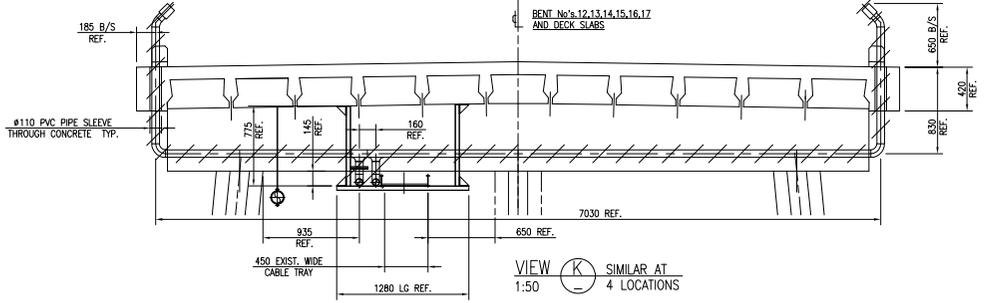


SCALE 1:50

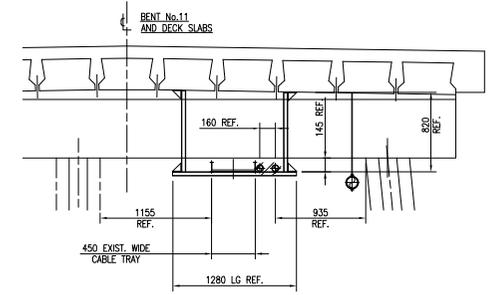
GPC Gladstone Ports Corporation

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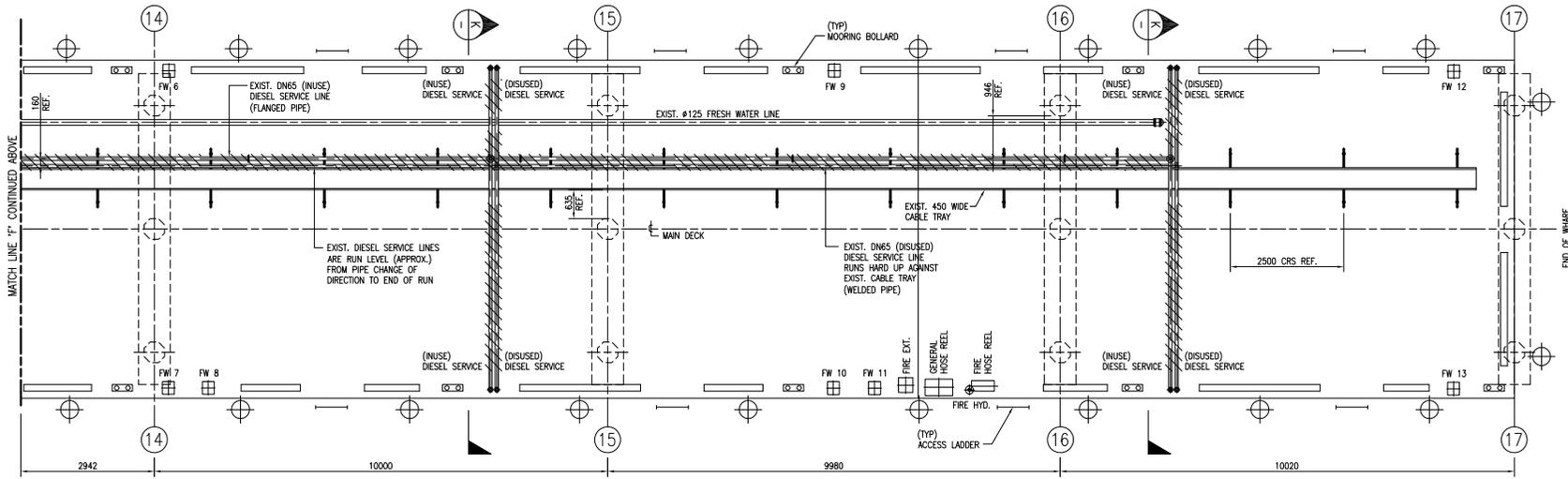
Name: Erin Clark
Date: 8:44am 05/10/2022



VIEW (K) SIMILAR AT 1:50 4 LOCATIONS



VIEW (J) 1:50



NOTE:-
ALL PIPING MARKED THUS // // // // // SHALL BE REMOVED FROM UNDERSIDE OF MAIN DECK AND MADE GOOD

PRELIMINARY ISSUE

A1-87582		GLADSTONE TRAWLER WHARF DIESEL LINE UPGRADE - KEY PLAN REFERENCE DRAWINGS		SPECIFICATIONS		A		ISSUED FOR REVIEW		25-3-22		GLY		MOC. No.		PROJECT No.		EQUIPMENT No.		INDEX. SIZE.		SITE SAP No.		DRAWING No.		SHEET. REV.	
						No.		REVISION DESCRIPTION		DATE		DRN		CHK		M21008				L		A1 11850		87583		4 A	



OLD GLADSTONE MARINE REFUELLING FACILITY

GLADSTONE HARBOUR TRAWLER WHARF
REMOVAL OF EXISTING STEEL DIESEL LINE
FINGER DECK PIPING BENT #11 TO BENT #17

CONTRACT NO. 190114
JAN 198 8477 310
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