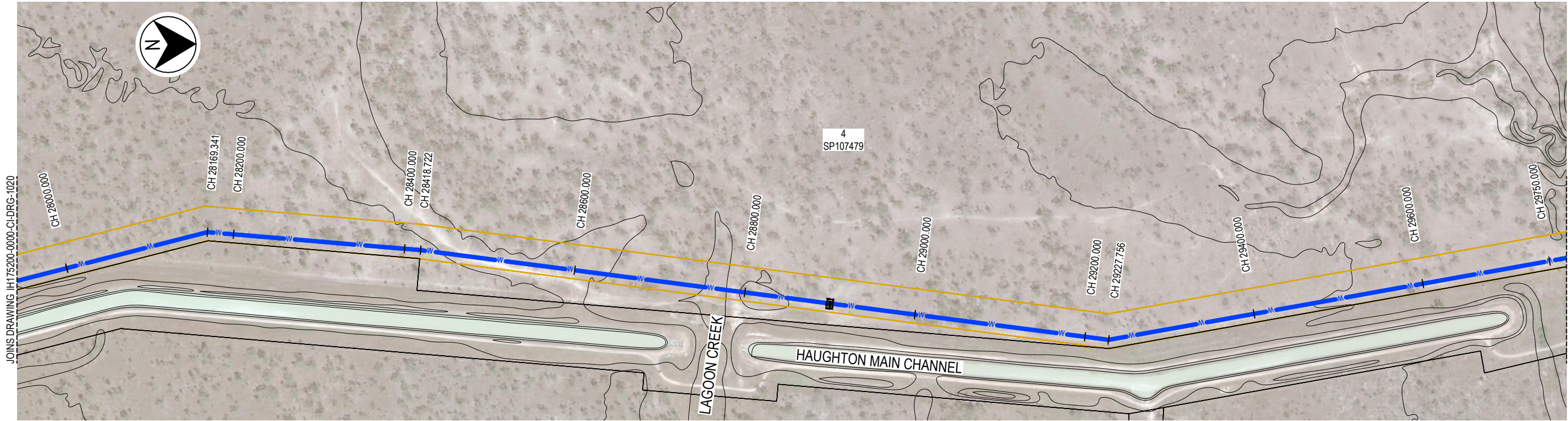
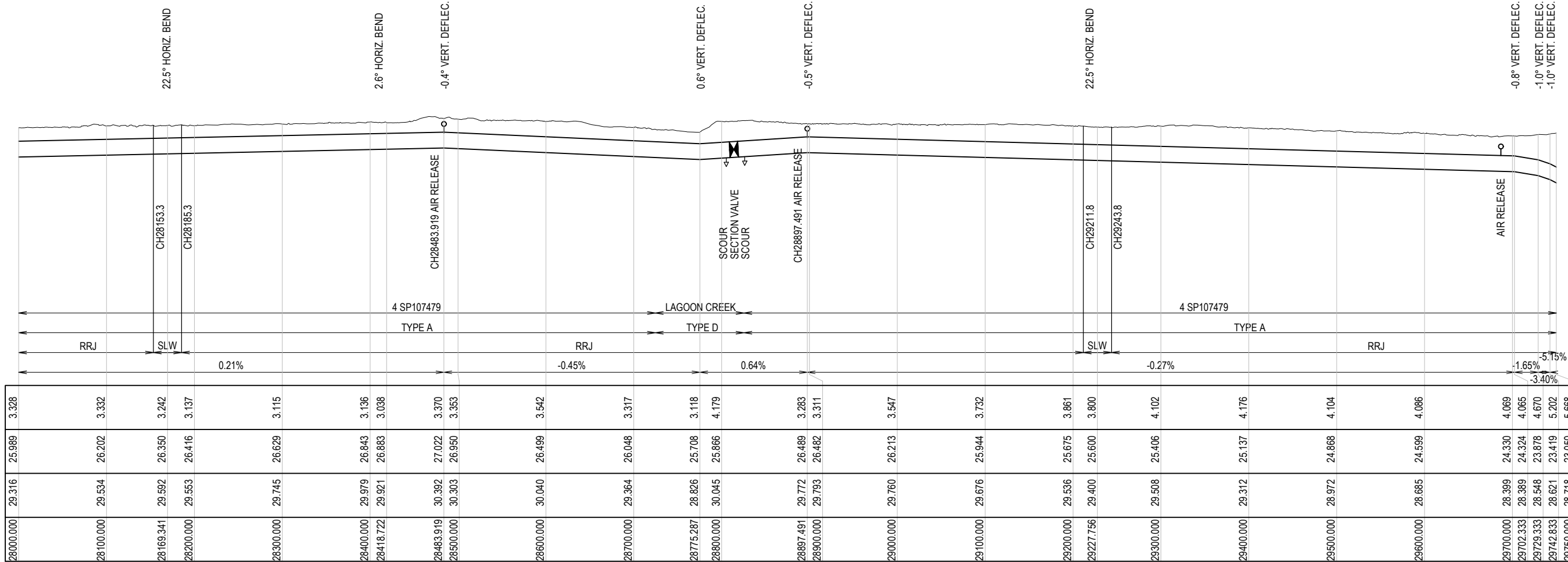




- NOTES
- FOR STANDARD NOTES AND LEGEND REFER TO DRG-1002
 - PIPE/Joint DESIGNATION:
 - SLW - OD1829x12mm MSCL/SINTALOCK WELDED JOINT
 - RRJ - OD1829x12mm MSCL RRJ



LOCATION
TRENCH TYPE
PIPE/Joint TYPE
PIPE GRADE (%)
DATUM RL. 0.0

DEPTH TO INVERT	3.328		3.332	3.242	3.137		3.115		3.136	3.038		3.370	3.353		3.542		3.317		3.118	4.179		3.283	3.311		3.547		3.732		3.861	3.800		4.102		4.176		4.104		4.086		4.069	4.065		4.670	5.202	5.668
PIPE INVERT LEVEL	25.989		26.202	26.350	26.416		26.629		26.843	26.883		27.022	26.950		26.499		26.048		25.708	25.866		26.489	26.482		26.213		25.944		25.675	25.600		25.406		25.137		24.868		24.599		24.330	24.324		23.878	23.419	23.050
EXISTING SURFACE	29.316		29.534	29.592	29.553		29.745		29.979	29.921		30.392	30.303		30.040		29.364		29.826	30.045		29.772	29.793		29.760		29.676		29.536	29.400		29.508		29.312		29.972		29.685		29.399	28.389		29.548	28.621	28.718
CHAINAGE	28000.000		28100.000	28169.341	28200.000		28300.000		28400.000	28418.722		28483.919	28500.000		28600.000		28700.000		28775.287	28800.000		28897.491	28900.000		29000.000		29100.000		29200.000	29227.756		29300.000		29400.000		29500.000		29600.000		29700.000	29702.333		29729.333	29742.833	29750.000

LONGITUDINAL SECTION
SCALE H 1:2500, V 1:250

SCALE 1:125 (A1) 0 2.5 5 7.5 10 12.5m
1:250 (A3) 2.5 1.25
SCALE 1:2500 (A1) 0 50 100 150 200 250m
1:5000 (A3) 50 25

CONCEPT DESIGN ISSUE

REV	DATE	DRAWN	REV'D	APP'D	REVISION	DRAWING NUMBER	REFERENCE DRAWING TITLE
B	28.05.19	LDH	MV	LH	CONCEPT DESIGN ISSUE		
A	09.05.19				PRELIMINARY ISSUE		

JACOBS

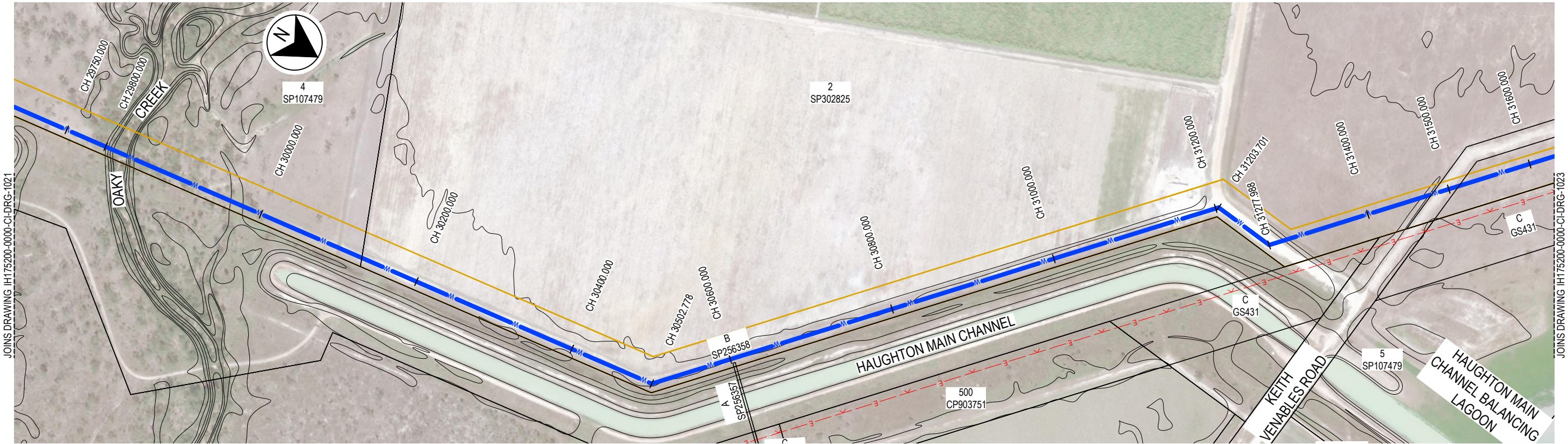
ABN 57 001 024 095 and ACN 001 024 095
Jacobs Group (Australia) Pty Ltd
444 Flinders St
Townsville, QLD 4810
AUSTRALIA
Tel: +61 7 47269100
Web: www.jacobs.com

CLIENT	DEPARTMENT OF INFRASTRUCTURE, REGIONAL DEVELOPMENT AND CITIES		
PROJECT	HAUGHTON STAGE 2 PIPELINE		
DRAWN	DRAWING CHECK	REVIEWED	APPROVED
LDH			
DESIGNED	DESIGN REVIEW	DATE	DATE

TITLE
CLARE - HAUGHTON PIPELINE
PLAN AND LONGITUDINAL SECTION
SHEET 17 OF 21

SCALE 1:2500
DRAWING No. IH175200-0000-CI-DRG-1021

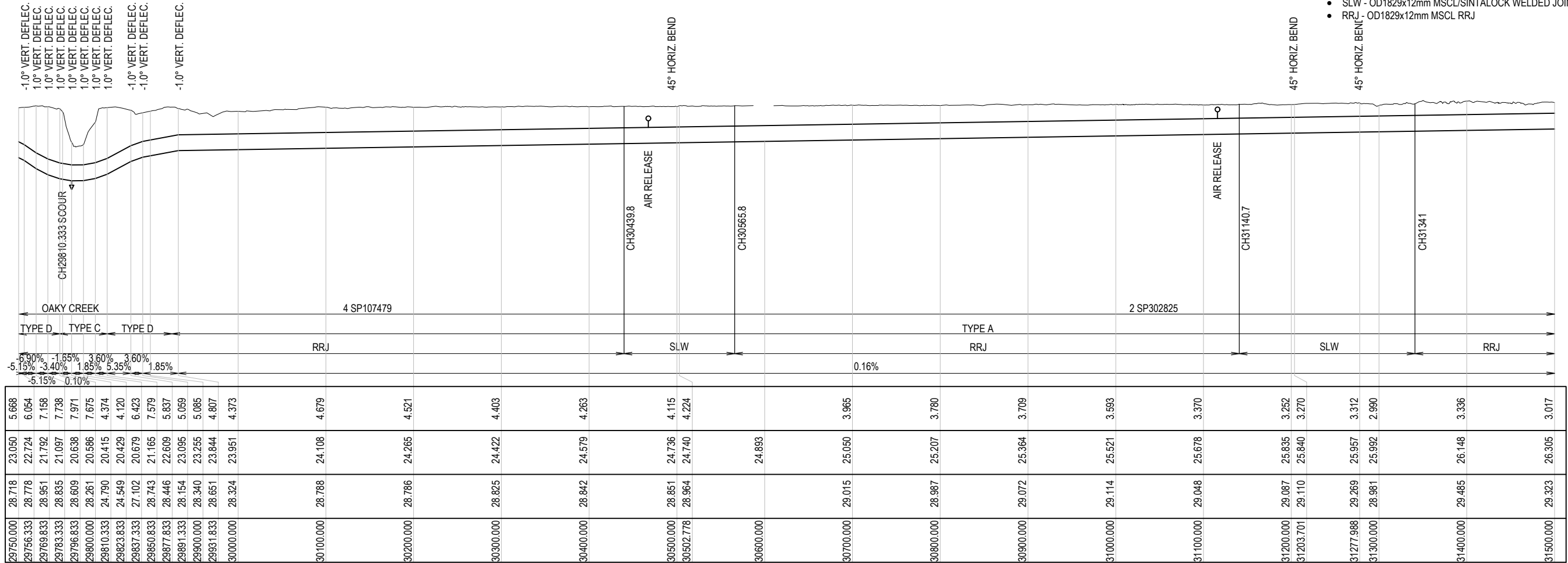
REV B



PLAN
SCALE 1:2500 (A1)

NOTES

- FOR STANDARD NOTES AND LEGEND REFER TO DRG-1002
- PIPE/Joint DESIGNATION:
 - SLW - OD1829x12mm MSCL/SINTALOCK WELDED JOINT
 - RRJ - OD1829x12mm MSCL RRJ



LONGITUDINAL SECTION
SCALE H 1:2500, V 1:250

SCALE 1:125 (A1) 0 2.5 5 7.5 10 12.5m
1:250 (A3) 2.5 1.25
SCALE 1:2500 (A1) 0 50 100 150 200 250m
1:5000 (A3) 50 25

CONCEPT DESIGN ISSUE

LOCATION
TRENCH TYPE
PIPE/Joint TYPE
PIPE GRADE (%)
DATUM RL -3.0

DEPTH TO INVERT	5.668	6.054	7.158	7.738	7.971	7.675	4.374	4.120	6.423	7.579	5.837	5.059	5.085	4.807	4.373	4.679	4.521	4.403	4.263	4.115	4.224	3.965	3.780	3.709	3.593	3.370	3.252	3.270	3.312	2.990	3.336	3.017
PIPE INVERT LEVEL	23.050	22.724	21.792	21.097	20.638	20.586	20.415	20.429	20.679	21.165	22.609	23.095	23.255	23.844	23.951	24.108	24.265	24.422	24.579	24.736	24.740	25.050	25.207	25.364	25.521	25.678	25.835	25.840	25.957	25.992	26.148	26.305
EXISTING SURFACE	28.718	28.778	28.951	28.835	28.609	28.261	24.790	24.549	27.102	28.743	28.446	28.154	28.340	28.651	28.324	28.788	28.786	28.825	28.842	28.851	28.964	29.015	29.987	29.072	29.114	29.048	29.087	29.110	29.269	28.981	29.485	29.323
CHAINAGE	29750.000	29756.333	29769.833	29783.333	29796.833	29800.000	29810.333	29823.833	29837.333	29850.833	29877.833	29891.333	29900.000	29931.833	30000.000	30100.000	30200.000	30300.000	30400.000	30500.000	30502.778	30600.000	30700.000	30800.000	30900.000	31000.000	31200.000	31203.701	31277.988	31300.000	31400.000	31500.000

REV	DATE	DRAWN	REV'D	APP'D	REVISION	DRAWING NUMBER	REFERENCE DRAWING TITLE
B	28.05.19	LDH	MV	LH	CONCEPT DESIGN ISSUE		
A	09.05.19				PRELIMINARY ISSUE		

JACOBS

ABN 57 001 024 095 and ACN 001 024 095
Jacobs Group (Australia) Pty Ltd
444 Flinders St
Townsville, QLD 4810
AUSTRALIA
Tel: +61 7 47269100
Web: www.jacobs.com

CLIENT	DEPARTMENT OF INFRASTRUCTURE, REGIONAL DEVELOPMENT AND CITIES		
PROJECT	HAUGHTON STAGE 2 PIPELINE		
DRAWN	DRAWING CHECK	REVIEWED	APPROVED
LDH			
DESIGNED	DESIGN REVIEW	DATE	DATE

TITLE
CLARE - HAUGHTON PIPELINE
PLAN AND LONGITUDINAL SECTION
SHEET 18 OF 21

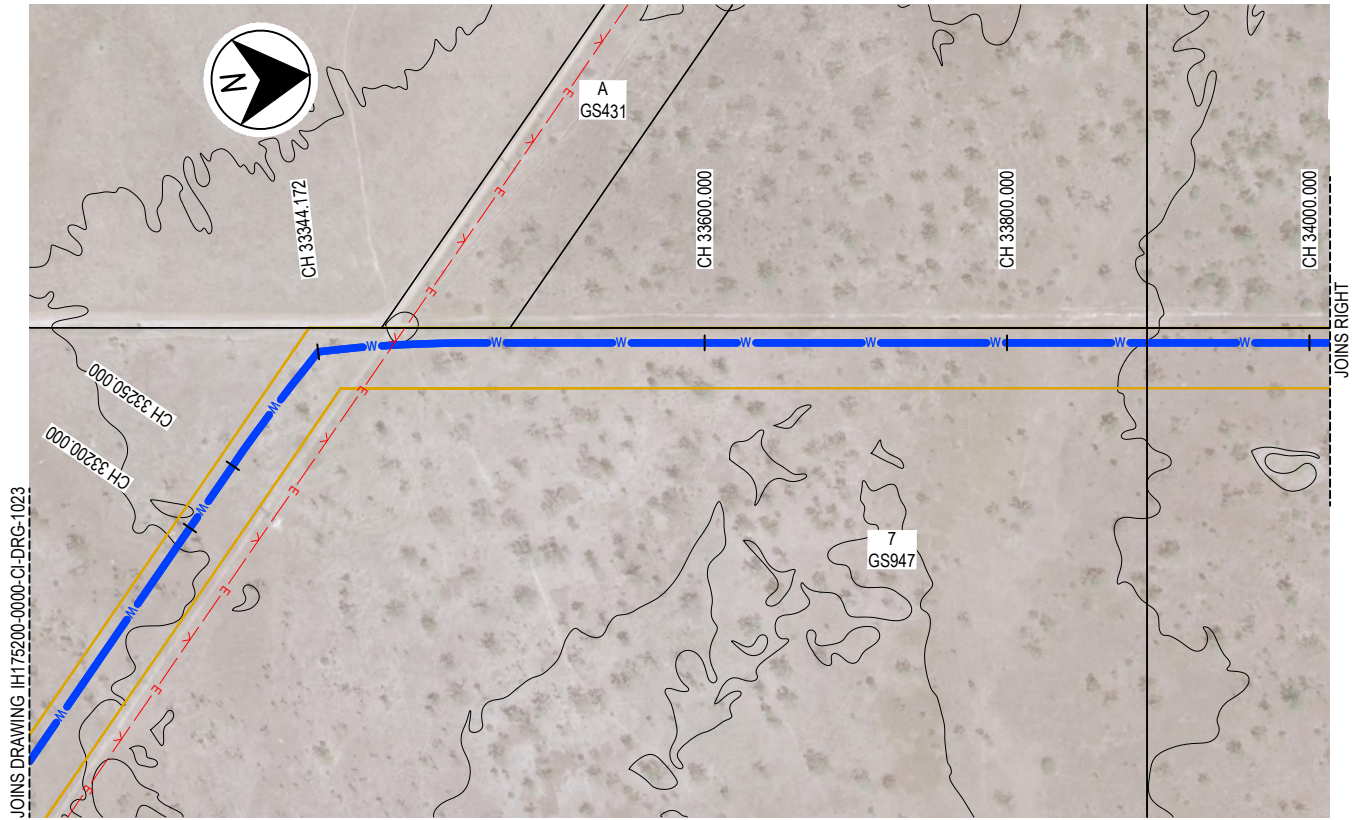
SCALE 1:2500
DRAWING No. IH175200-0000-CI-DRG-1022

REV B

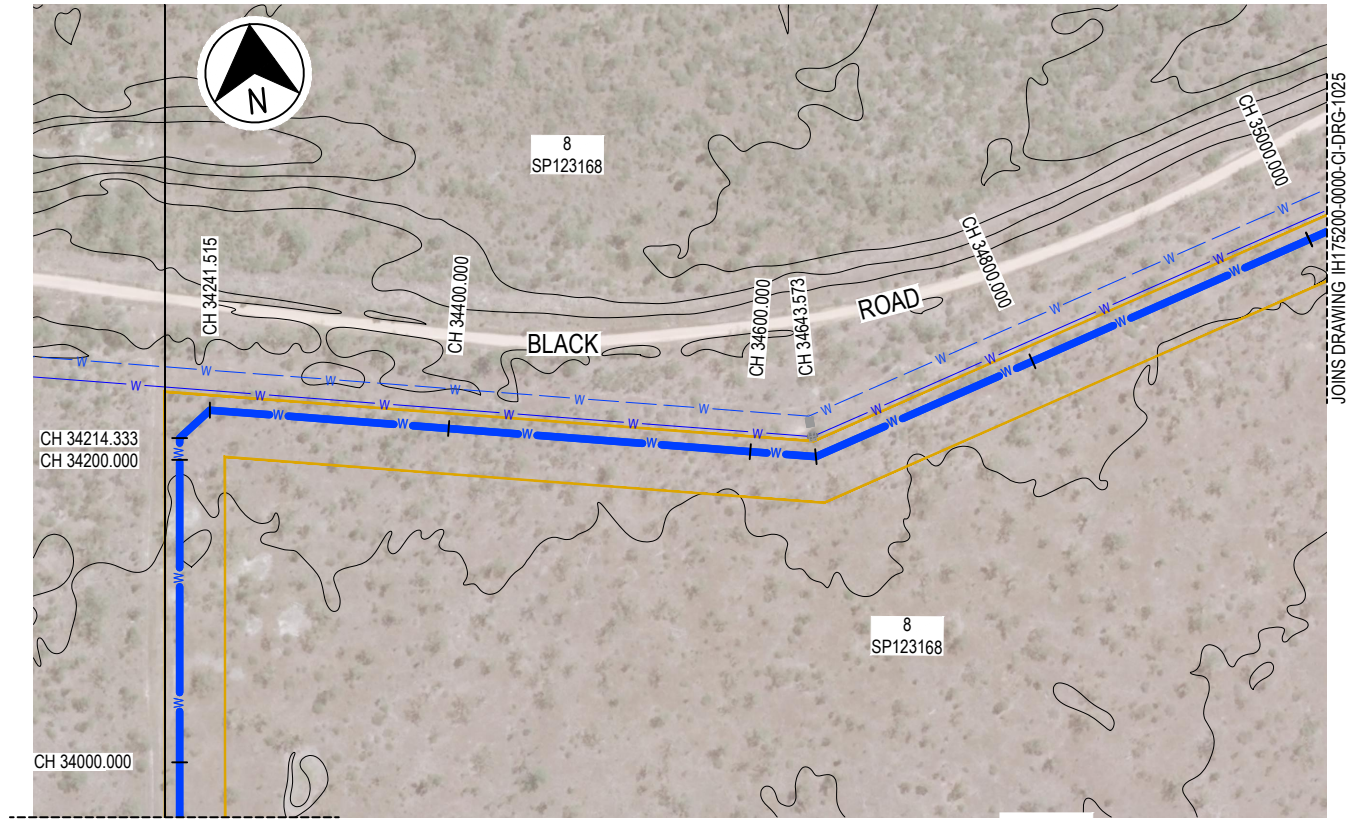


1. FOR STANDARD NOTES AND LEGEND REFER TO DRG-1002
2. PIPE/Joint DESIGNATION:
 - SLW - OD1829x12mm MSCL/SINTALOCK WELDED JOINT
 - RRJ - OD1829x12mm MSCL RRJ

[illegible]



PLAN
SCALE 1:2500 (A1)



- NOTES
- FOR STANDARD NOTES AND LEGEND REFER TO DRG-1002
 - PIPE/Joint DESIGNATION:
 - SLW - OD1829x12mm MSCL/SINTALOCK WELDED JOINT
 - RRJ - OD1829x12mm MSCL RRJ

1.1° HORIZ. BEND
1.1° HORIZ. BEND
1.1° HORIZ. BEND
1.1° HORIZ. BEND
45° HORIZ. BEND
1.1° HORIZ. BEND
1.1° HORIZ. BEND
1.1° HORIZ. BEND
1.1° HORIZ. BEND
1.1° HORIZ. BEND
1.1° HORIZ. BEND
1.1° HORIZ. BEND
1.1° HORIZ. BEND

0.3° VERT. DEFLEC.

0.1° VERT. DEFLEC.
45° HORIZ. BEND
45° HORIZ. BEND

-0.4° VERT. DEFLEC.

22.5° HORIZ. BEND

LOCATION
TRENCH TYPE
PIPE/Joint TYPE
PIPE GRADE (%)
DATUM RL 3.0

DEPTH TO INVERT	3.091	3.058	3.057	3.118	3.095	3.069	3.101	3.209	3.095	3.161	3.215	3.575	3.488	3.120	3.236	3.230	3.510	3.458	3.483	3.254	3.741	3.580	3.519	3.259	3.861	3.816	3.866	3.614	3.090	2.895	3.232	3.407	3.234	3.971	3.761	3.870
PIPE INVERT LEVEL	26.730	26.697	26.664	26.606	26.597	26.563	26.529	26.496	26.462	26.429	26.395	26.362	26.357	26.295	26.261	26.109	25.860	25.650	25.702	26.033	26.364	26.695	27.026	27.276	27.404	27.478	27.619	27.921	28.439	28.261	28.084	28.006	27.906	27.728	27.550	27.373
EXISTING SURFACE	29.821	29.756	29.720	29.724	29.691	29.632	29.630	29.705	29.557	29.590	29.610	29.937	29.845	29.414	29.497	29.338	29.370	29.108	29.185	29.287	30.105	30.276	30.545	30.535	31.264	31.294	31.485	31.535	31.529	31.156	31.315	31.413	31.140	31.699	31.311	31.243
CHAINAGE	33250.000	33263.172	33276.672	33300.000	33303.672	33317.172	33330.672	33344.172	33357.672	33371.172	33384.672	33398.172	33400.000	33425.172	33438.672	33500.000	33600.000	33684.454	33700.000	33800.000	33900.000	34000.000	34100.000	34175.251	34200.000	34214.334	34241.515	34300.000	34400.000	34500.000	34600.000	34643.573	34700.000	34800.000	34900.000	35000.000

LONGITUDINAL SECTION
SCALE H 1:2500, V 1:250

SCALE 1:125 (A1)
1:250 (A3)
SCALE 1:2500 (A1)
1:5000 (A3)

CONCEPT DESIGN ISSUE

REV	DATE	DRAWN	REV'D	APP'D	REVISION	DRAWING NUMBER	REFERENCE DRAWING TITLE
B	28.05.19	LDH	MV	LH	CONCEPT DESIGN ISSUE		
A	09.05.19				PRELIMINARY ISSUE		

JACOBS

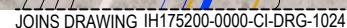
ABN 57 001 024 095 and ACN 001 024 095
Jacobs Group (Australia) Pty Ltd
444 Flinders St
Townsville, QLD 4810
AUSTRALIA
Tel: +61 7 47269100
Web: www.jacobs.com

CLIENT	DEPARTMENT OF INFRASTRUCTURE, REGIONAL DEVELOPMENT AND CITIES		
PROJECT	HAUGHTON STAGE 2 PIPELINE		
DRAWN	DRAWING CHECK	REVIEWED	APPROVED
LDH			
DESIGNED	DESIGN REVIEW	DATE	DATE

TITLE
CLARE - HAUGHTON PIPELINE
PLAN AND LONGITUDINAL SECTION
SHEET 20 OF 21

SCALE
1:2500
DRAWING No.
IH175200-0000-CI-DRG-1024

REV
B



45° HORIZ. BEND

22.5° HORIZ. BEND

90° HORIZ. BEND

-0.4° VERT. DEFLEC.



SCALE 1:2500 (A1)
1:5000 (A3)

A horizontal graphic scale bar. The top scale is for A1 format at 1:2500, with major markings at 0, 50, 100, 150, 200, and 250m. The bottom scale is for A3 format at 1:5000, with major markings at 50 and 25. The bar is divided into segments corresponding to these markings.

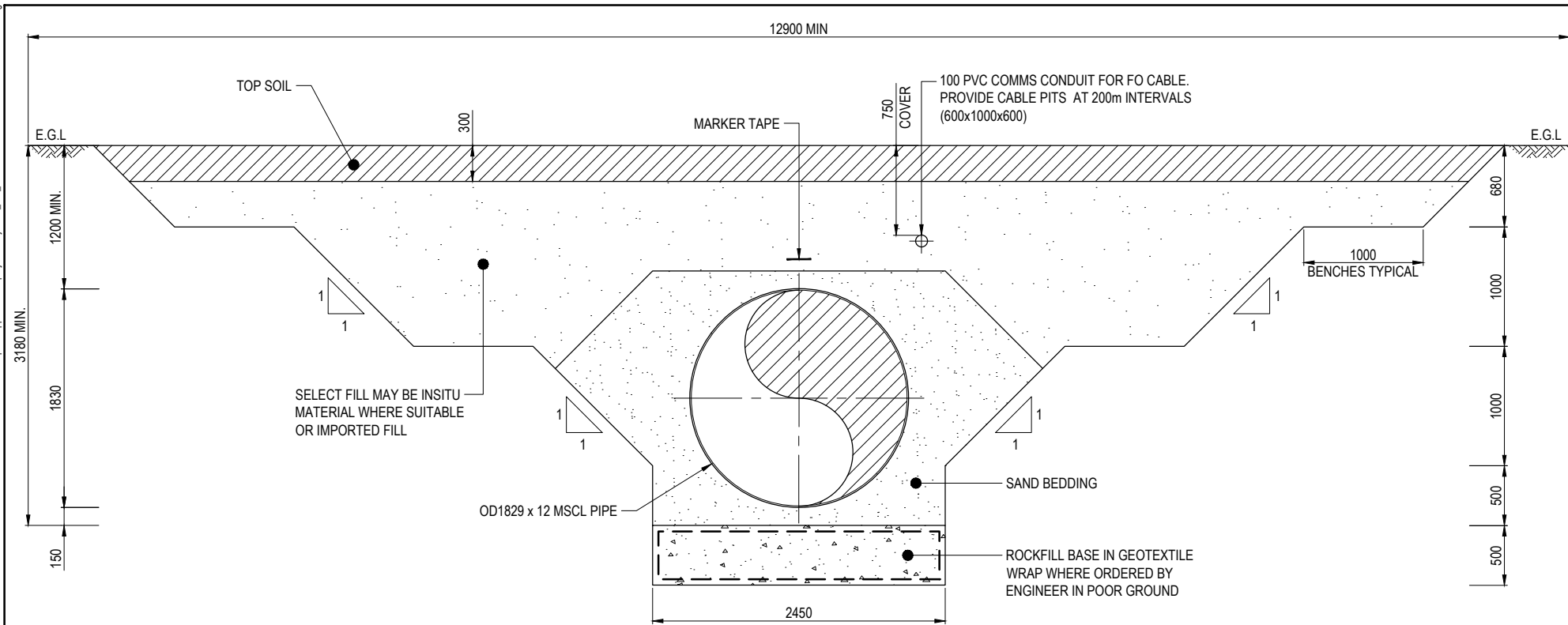
1. FOR STANDARD NOTES AND LEGEND REFER TO DRG-1002
2. PIPE/JOINT DESIGNATION:
 - SLW - OD1829x12mm MSCL/SINTALOCK WELDED JOINT
 - RRJ - OD1829x12mm MSCL RRJ

[illegible]

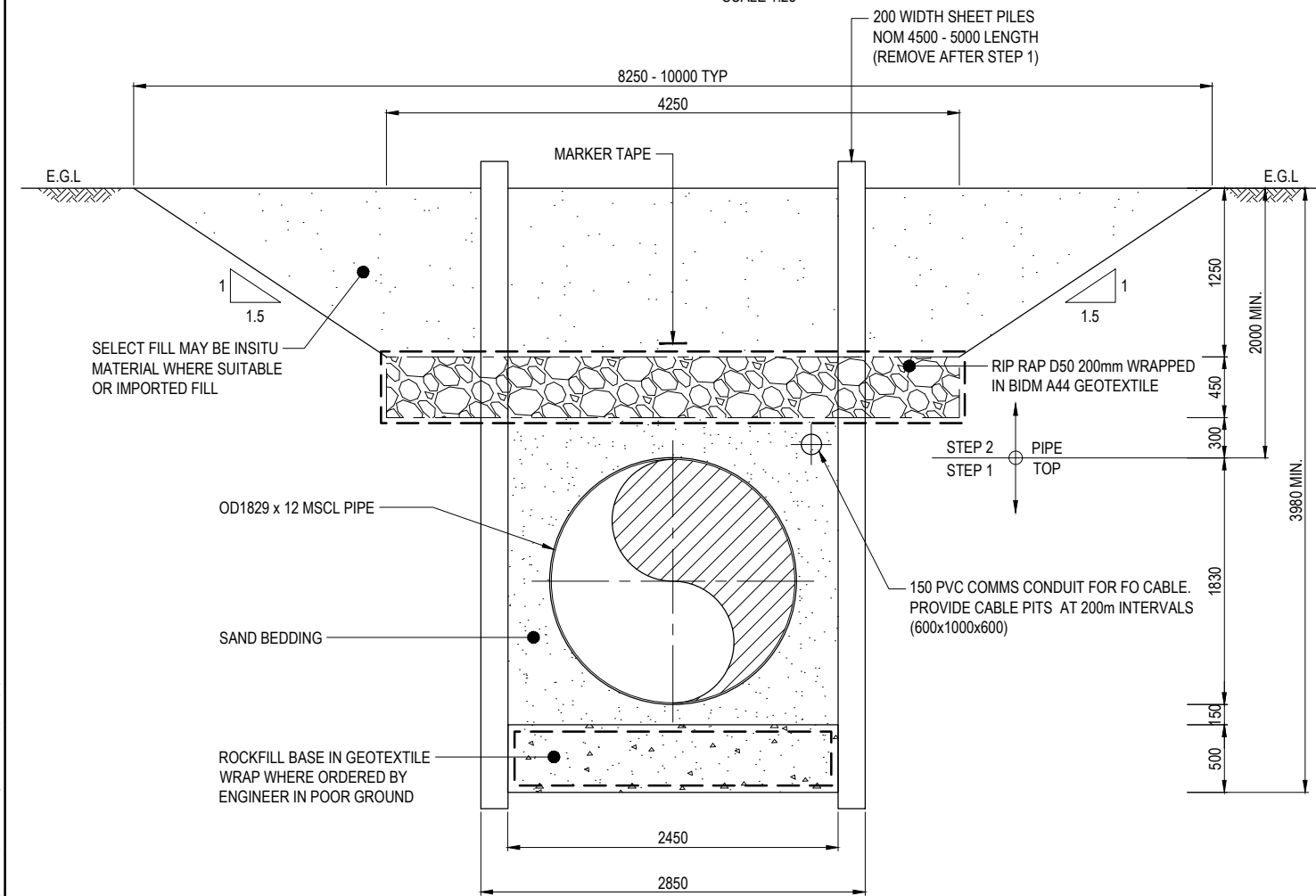
CLIENT	DEPARTMENT OF INFRASTRUCTURE, REGIONAL DEVELOPMENT AND CITIES		
PROJECT	HAUGHTON STAGE 2 PIPELINE		
DRAWN LDH	DRAWING CHECK	REVIEWED	APPROVED
DESIGNED	DESIGN REVIEW	DATE	DATE

SCALE 1:2500	DRAWING No IH175200-0000-CI-DRG-1025
-----------------	---

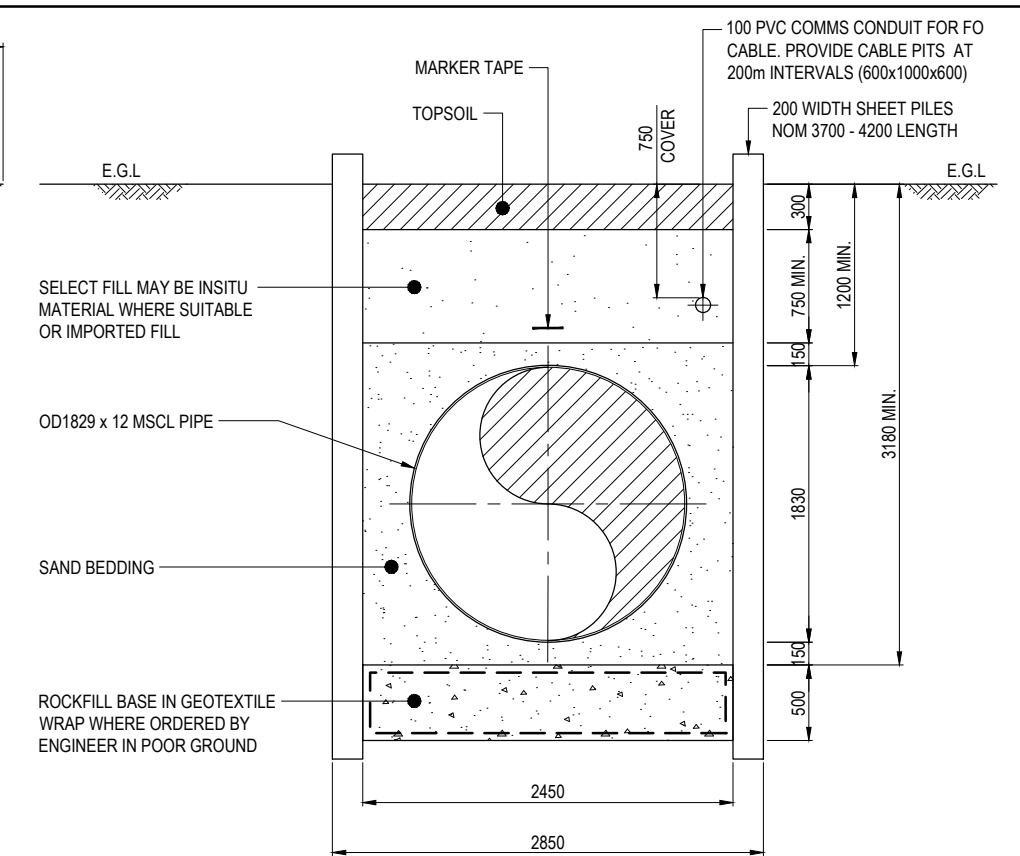
REV	
-----	--



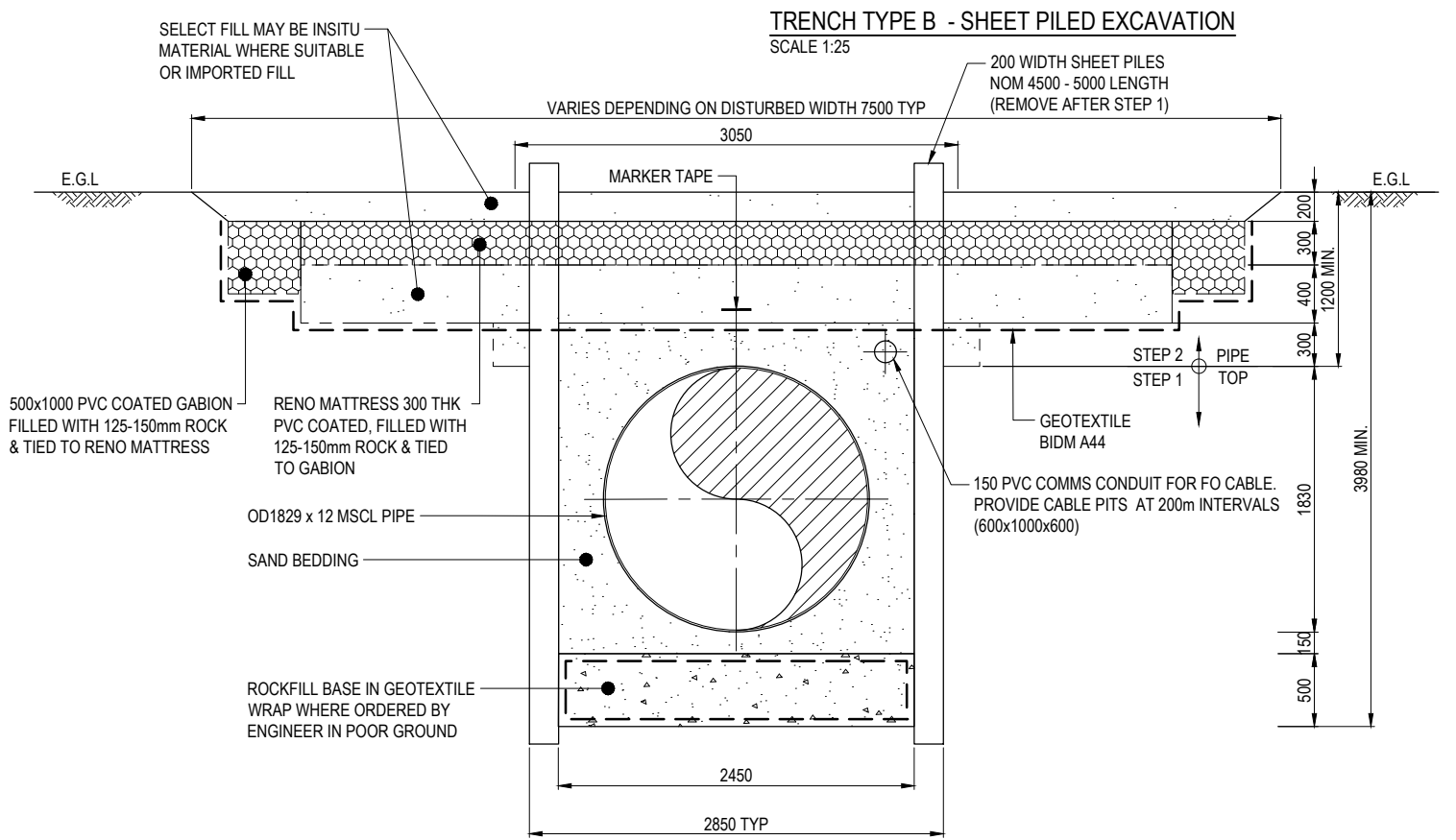
TRENCH TYPE A - OPEN EXCAVATION
SCALE 1:25



TRENCH TYPE C - MAJOR WATERWAY CROSSING
SCALE 1:25



TRENCH TYPE B - SHEET PILED EXCAVATION
SCALE 1:25



TRENCH TYPE D - MINOR WATERWAY CROSSING
SCALE 1:25

SCALE 1:25 (A1)
1:50 (A3)

CONCEPT DESIGN ISSUE

REV	DATE	DRAWN	REV'D	APP'D	REVISION
B	28.05.19	LDH	MV	LH	CONCEPT DESIGN ISSUE
A	09.05.19				PRELIMINARY ISSUE

DRAWING NUMBER	REFERENCE DRAWING TITLE

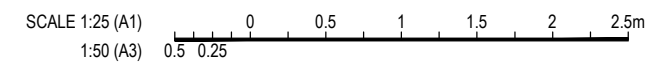
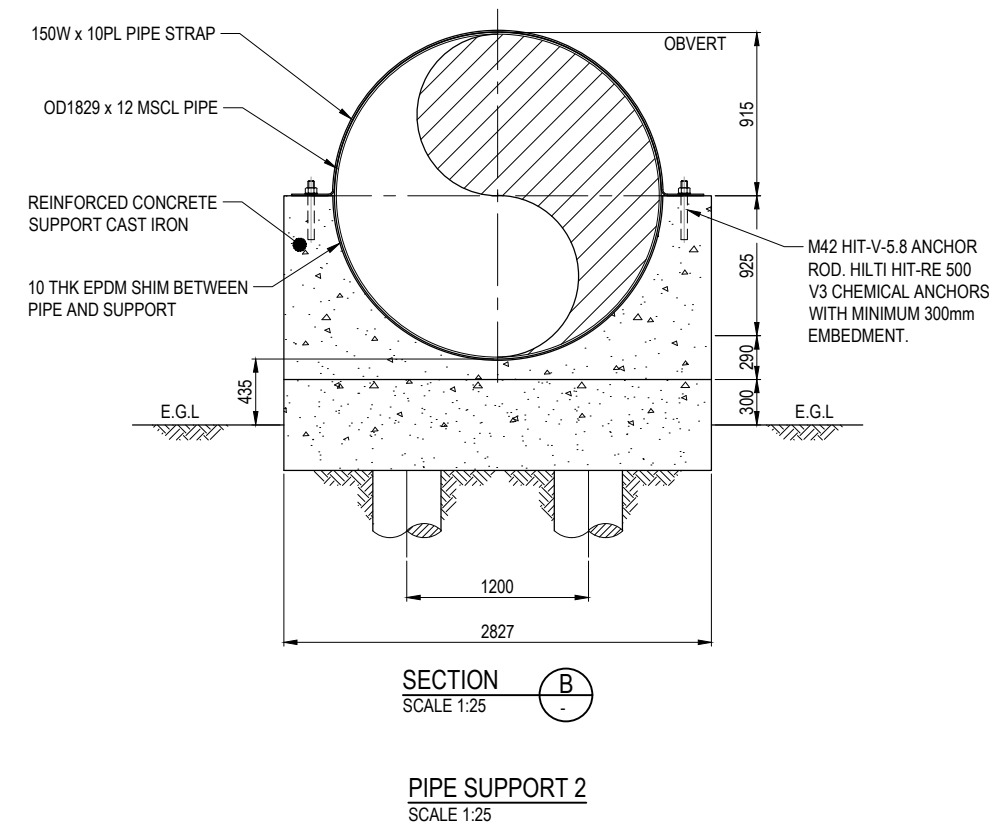
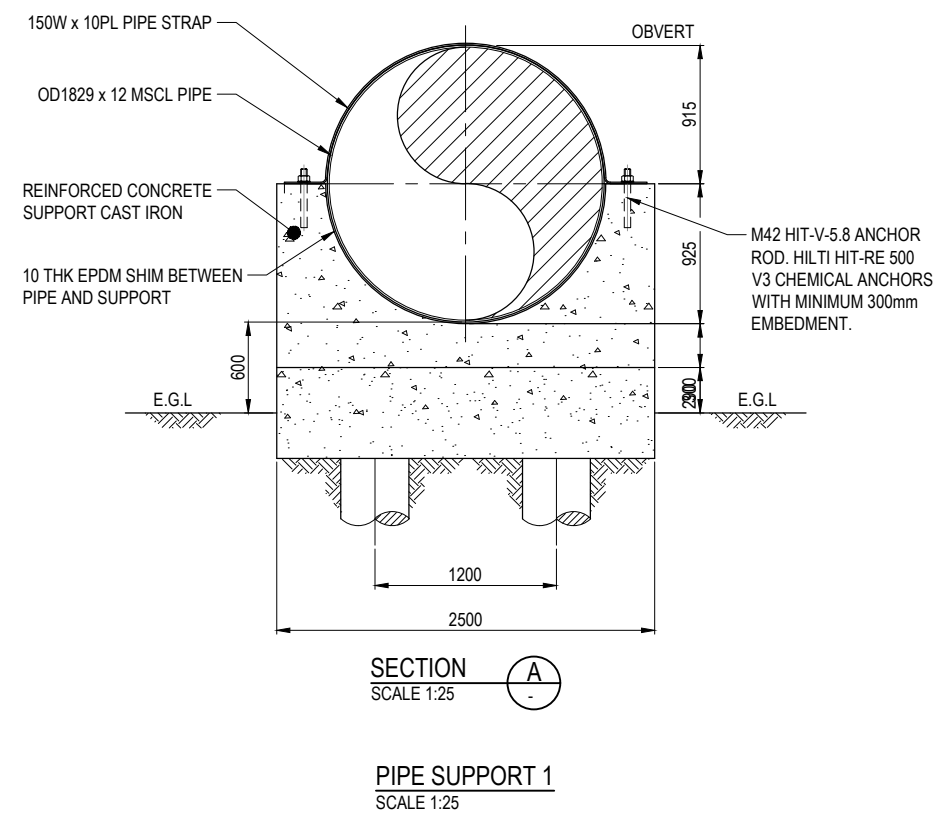
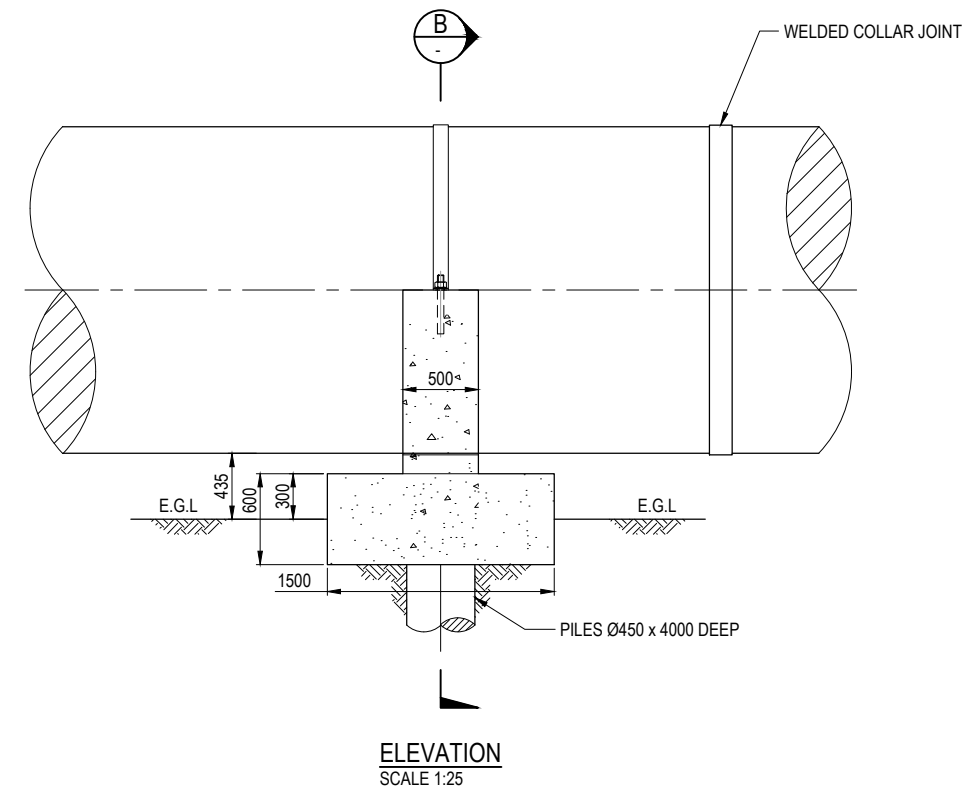
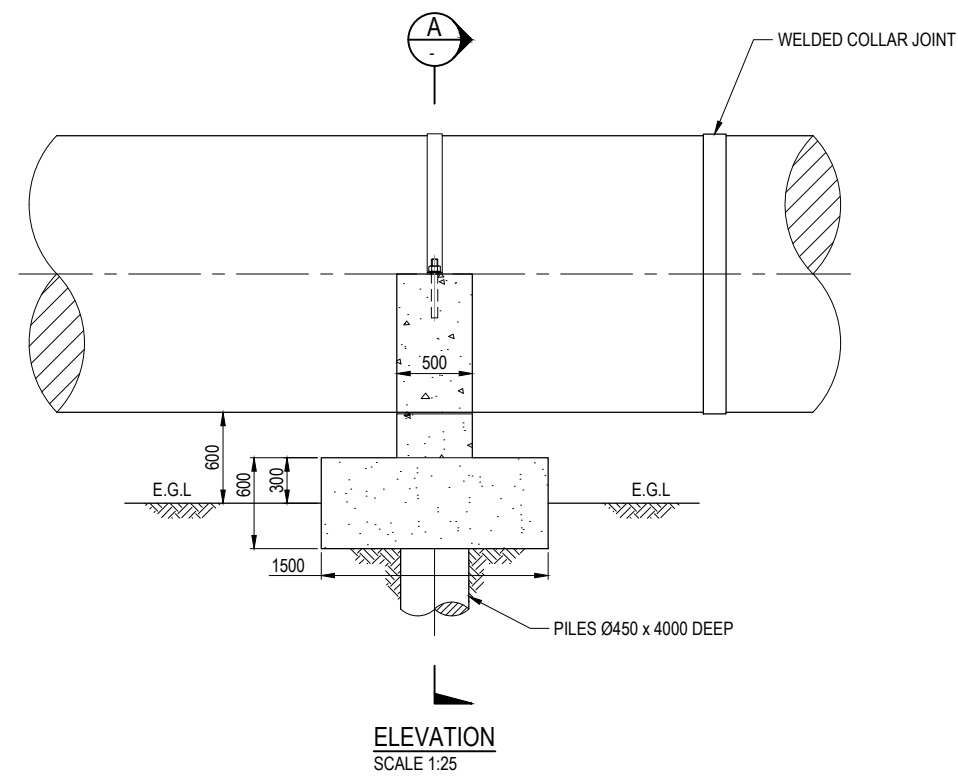
JACOBS

ABN 57 001 024 095 and ACN 001 024 095
Jacobs Group (Australia) Pty Ltd
444 Flinders St
Townsville, QLD 4810
AUSTRALIA

Tel: +61 7 47269100
Web: www.jacobs.com

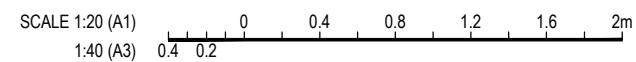
CLIENT	DEPARTMENT OF INFRASTRUCTURE, REGIONAL DEVELOPMENT AND CITIES
PROJECT	HAUGHTON STAGE 2 PIPELINE
DRAWN	LDH
DESIGNED	DESIGN REVIEW
REVIEWED	DATE
APPROVED	DATE

TITLE	CLARE - HAUGHTON PIPELINE TRENCH DETAILS
SCALE	AS SHOWN
DRAWING No.	IH175200-0000-CI-DRG-1040
REV	B



CONCEPT DESIGN ISSUE

[illegible]

[illegible]

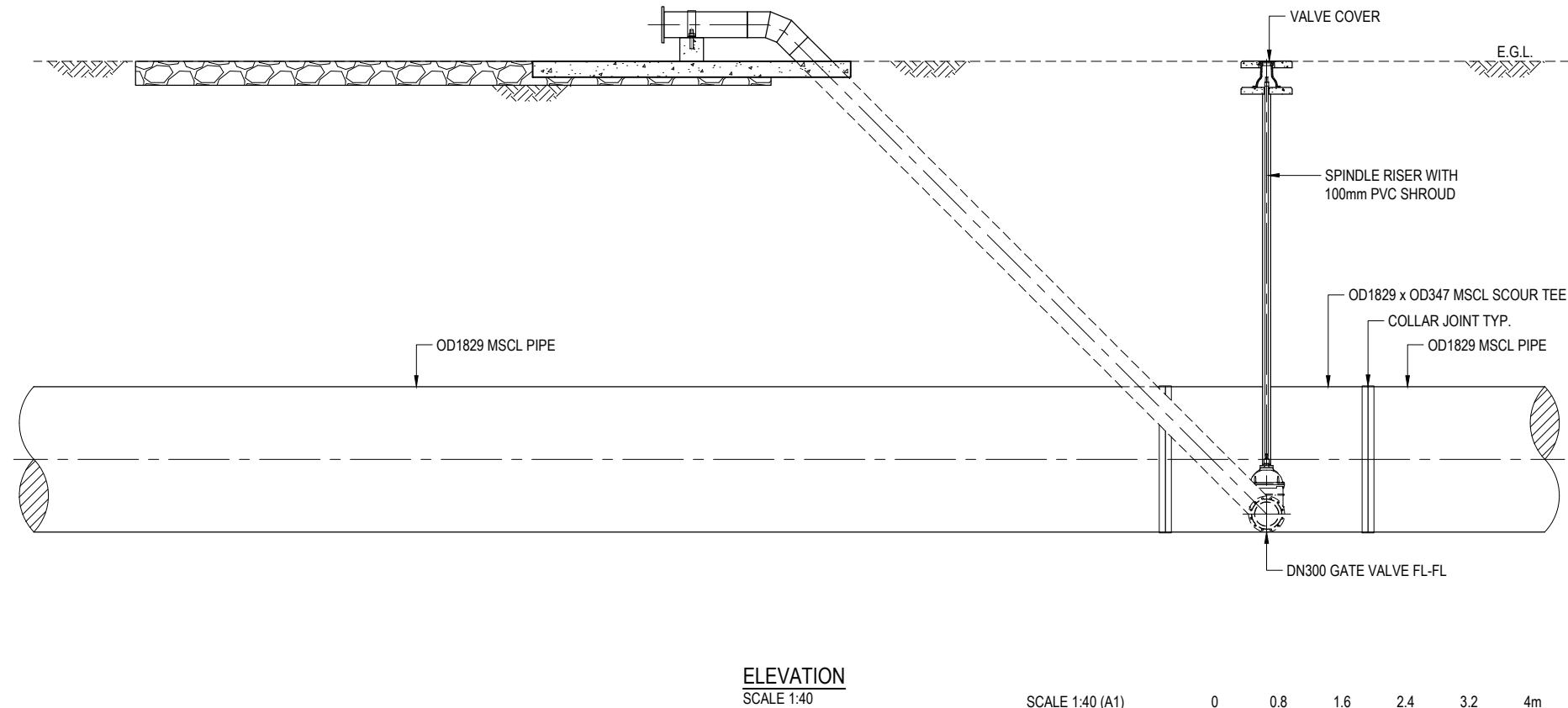
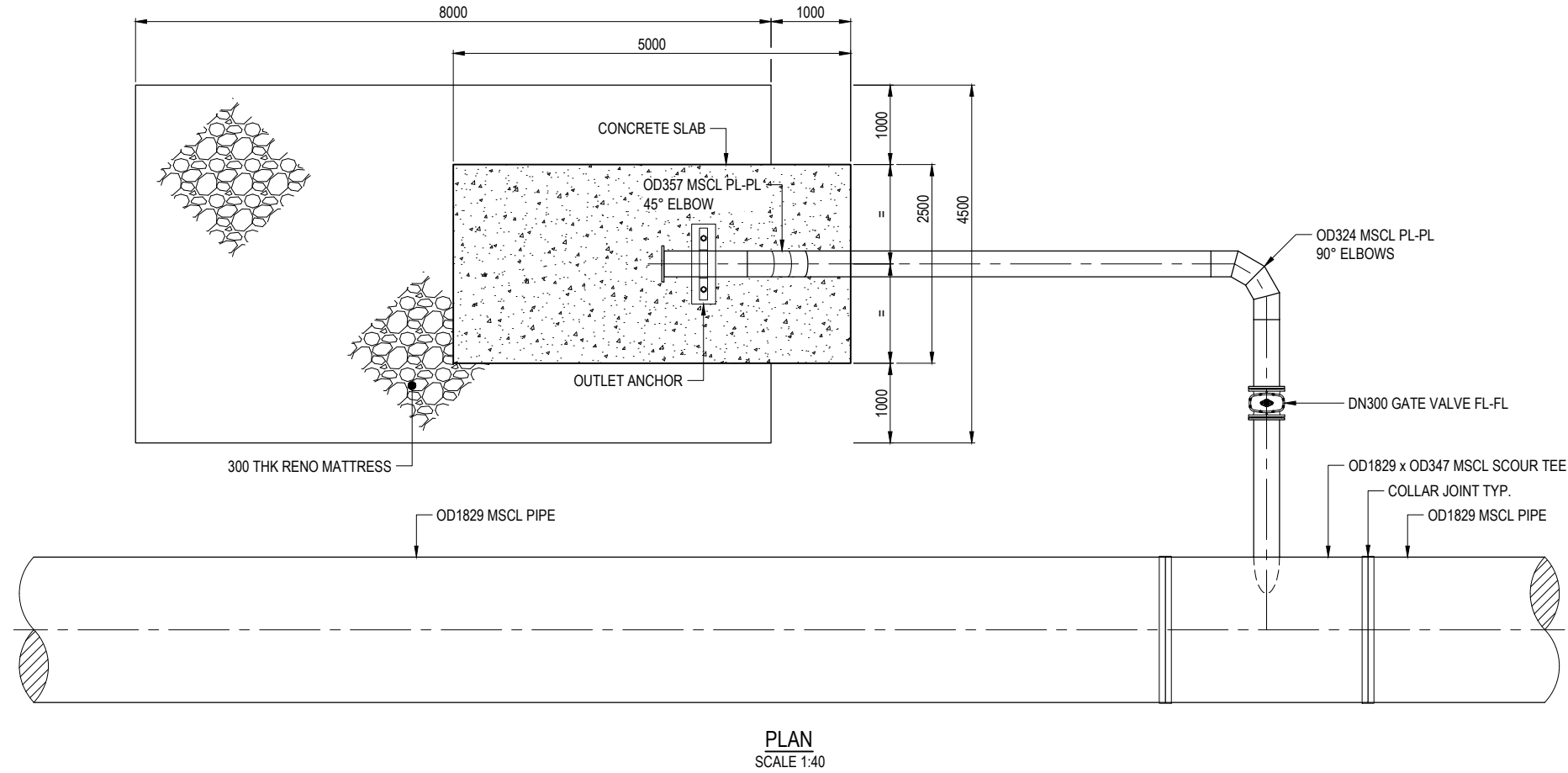
ABN 37 001 024 095 and ACN 001 024 095
Jacobs Group (Australia) Pty Ltd
444 Flinders St
Townsville, QLD 4810
AUSTRALIA

Tel: +61 7 47269100
Web: www.jacobs.com

CLIENT		DEPARTMENT OF INFRASTRUCTURE, REGIONAL DEVELOPMENT AND CITIES	
PROJECT		HAUGHTON STAGE 2 PIPELINE	
DRAWN LDH	DRAWING CHECK	REVIEWED	APPROVED
DESIGNED	DESIGN REVIEW	DATE	DATE

SCALE AS SHOWN	DRAWING No IH175200-0000-CI-DRG-1045
-------------------	---

B



SCALE 1:40 (A1)
1:80 (A3) 0.8 0.4 0 0.8 1.6 2.4 3.2 4m

CONCEPT DESIGN ISSUE

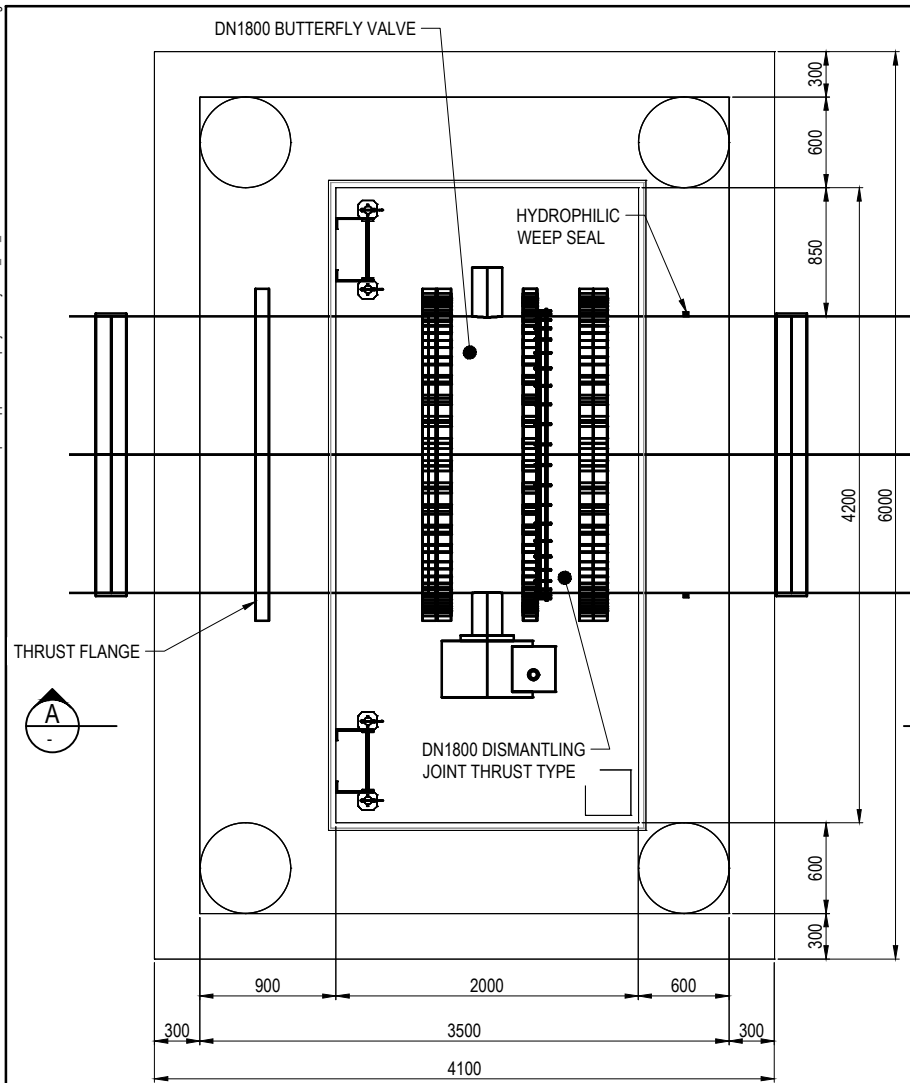
REV	DATE	DRAWN	REVD	APPD	REVISION	DRAWING NUMBER	REFERENCE DRAWING TITLE
B	28.05.19	LDH	MV	LH	CONCEPT DESIGN ISSUE		
A	09.05.19				PRELIMINARY ISSUE		

JACOBS

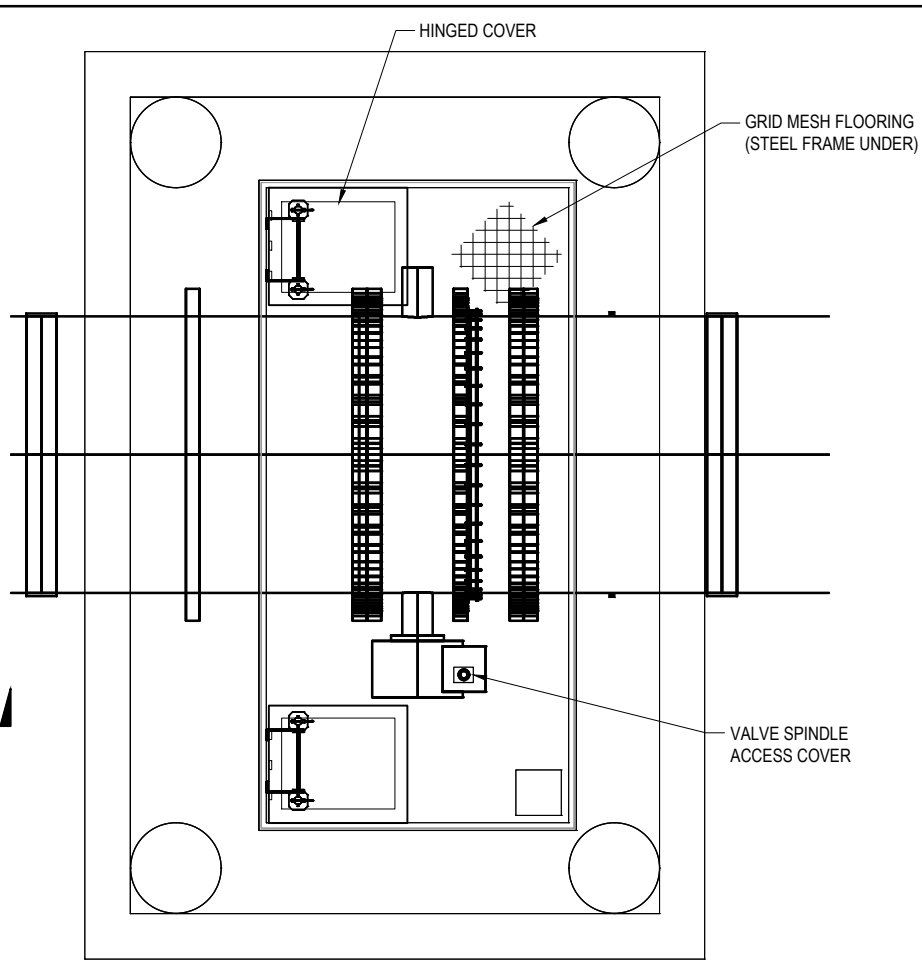
ABN 37 001 024 095 and ACN 001 024 095
Jacobs Group (Australia) Pty Ltd
444 Flinders St
Townsville, QLD 4810
AUSTRALIA
Tel: +61 7 47269100
Web: www.jacobs.com

CLIENT DEPARTMENT OF INFRASTRUCTURE, REGIONAL DEVELOPMENT AND CITIES			
PROJECT HAUGHTON STAGE 2 PIPELINE			
DRAWN LDH	DRAWING CHECK	REVIEWED	APPROVED
DESIGNED	DESIGN REVIEW	DATE	DATE

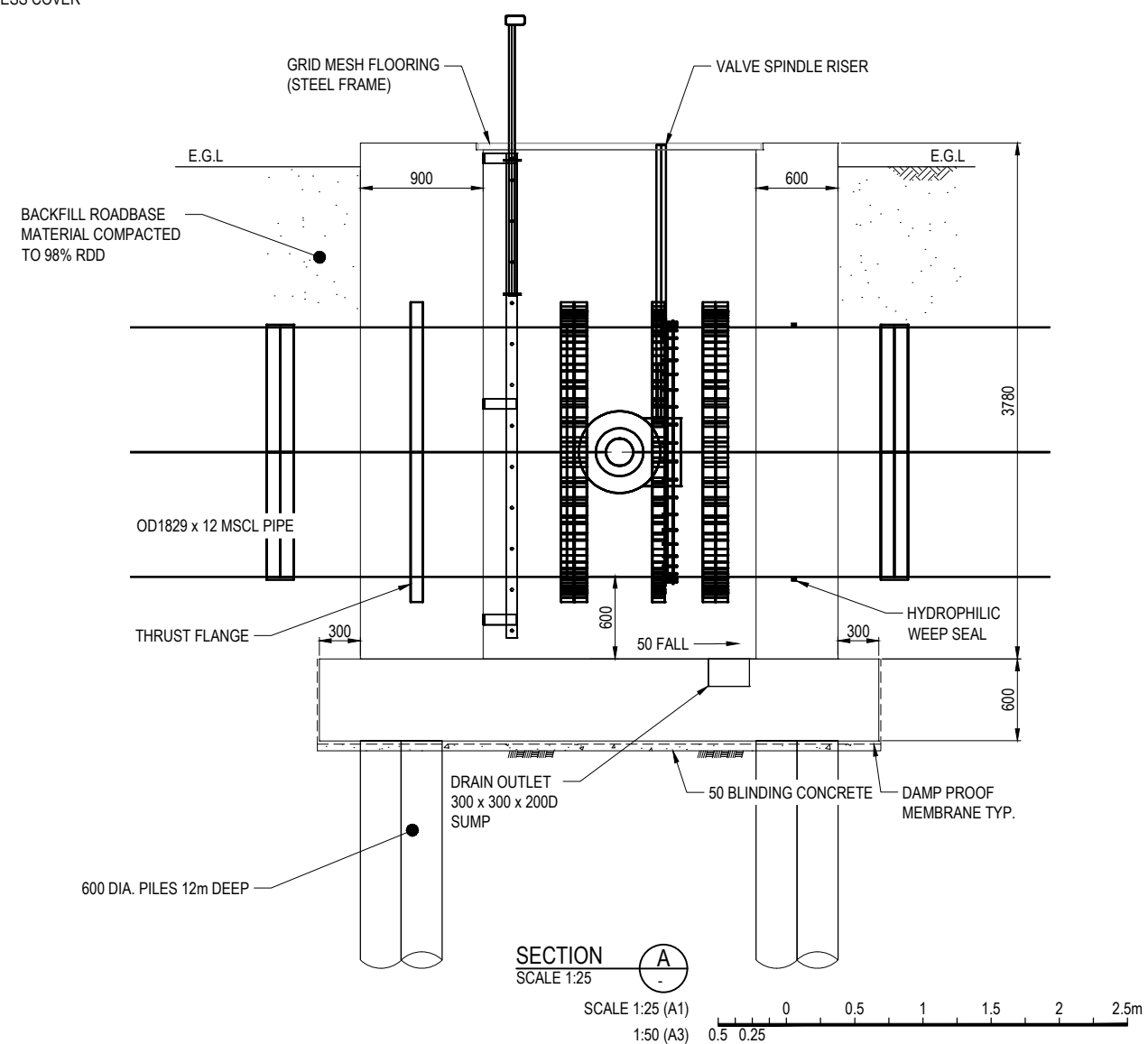
TITLE CLARE - HAUGHTON PIPELINE TYPICAL DETAILS - SCOUR OUTLET			
SCALE AS SHOWN	DRAWING No. IH175200-0000-CI-DRG-1046	REV B	



PLAN
SCALE 1:25



TOP COVER
SCALE 1:25



SECTION
SCALE 1:25

CONCEPT DESIGN ISSUE

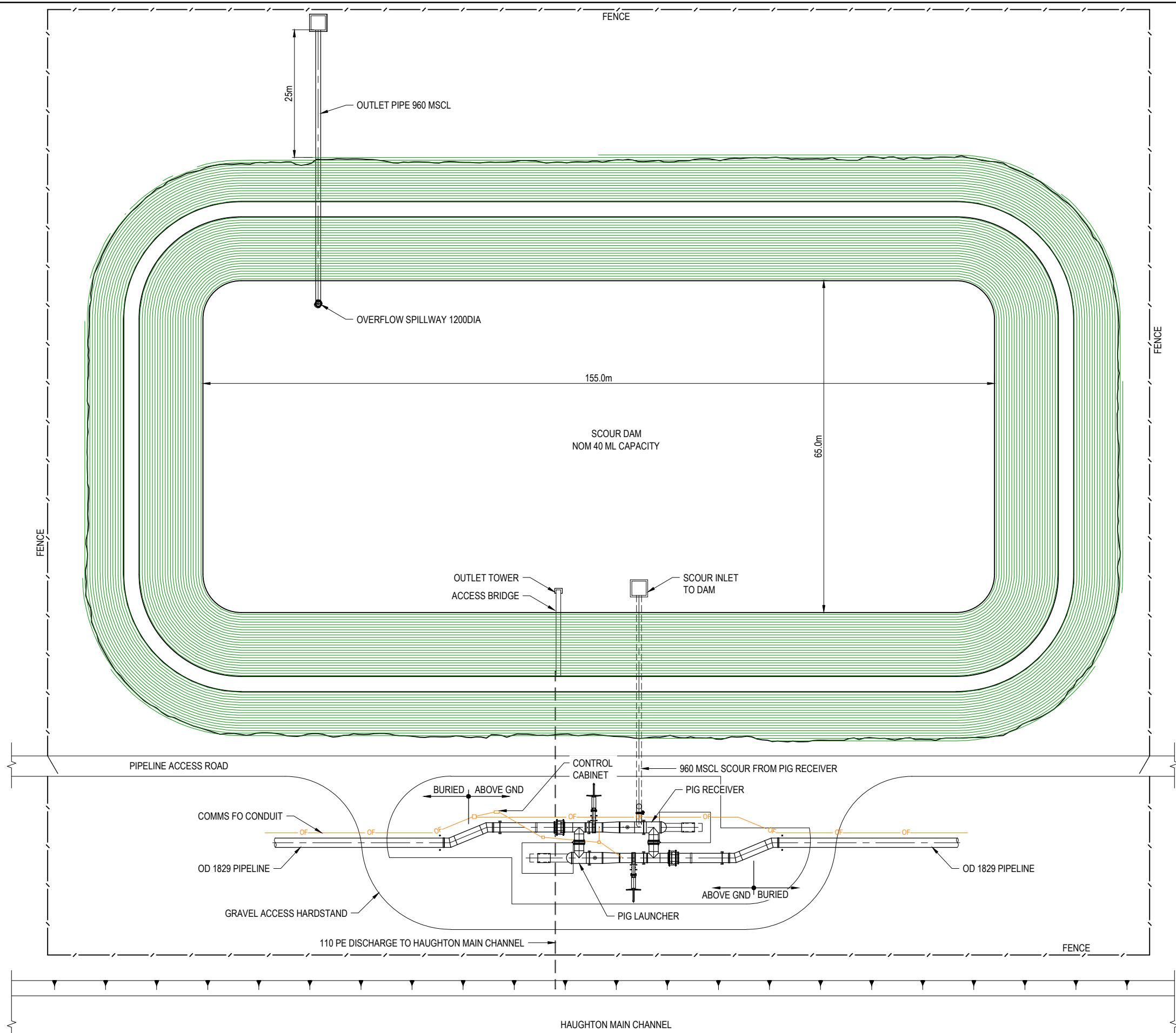
REV	DATE	DRAWN	REV'D	APP'D	REVISION	DRAWING NUMBER	REFERENCE DRAWING TITLE
B	28.05.19	LDH	MV	LH	CONCEPT DESIGN ISSUE		
A	09.05.19				PRELIMINARY ISSUE		

JACOBS

ABN 57 001 024 095 and ACN 001 024 095
Jacobs Group (Australia) Pty Ltd
444 Flinders St
Townsville, QLD 4810
AUSTRALIA
Tel: +61 7 47269100
Web: www.jacobs.com

CLIENT	DEPARTMENT OF INFRASTRUCTURE, REGIONAL DEVELOPMENT AND CITIES		
PROJECT	HAUGHTON STAGE 2 PIPELINE		
DRAWN	DRAWING CHECK	REVIEWED	APPROVED
LDH			
DESIGNED	DESIGN REVIEW	DATE	DATE

TITLE			
CLARE - HAUGHTON PIPELINE SECTION VALVE			
SCALE	DRAWING No.		REV
AS SHOWN	IH175200-0000-CI-DRG-1047		B



PLAN
SCALE 1:400 (A1)

SCALE 1:400 (A1)
1:800 (A3)

CONCEPT DESIGN ISSUE

REV	DATE	DRAWN	REV'D	APP'D	REVISION	DRAWING NUMBER	REFERENCE DRAWING TITLE
B	28.05.19	LDH	MV	LH	CONCEPT DESIGN ISSUE		
A	09.05.19				PRELIMINARY ISSUE		

JACOBS

ABN 57 001 024 095 and ACN 001 024 095
Jacobs Group (Australia) Pty Ltd
444 Flinders St
Townsville, QLD 4810
AUSTRALIA

Tel: +61 7 47269100
Web: www.jacobs.com

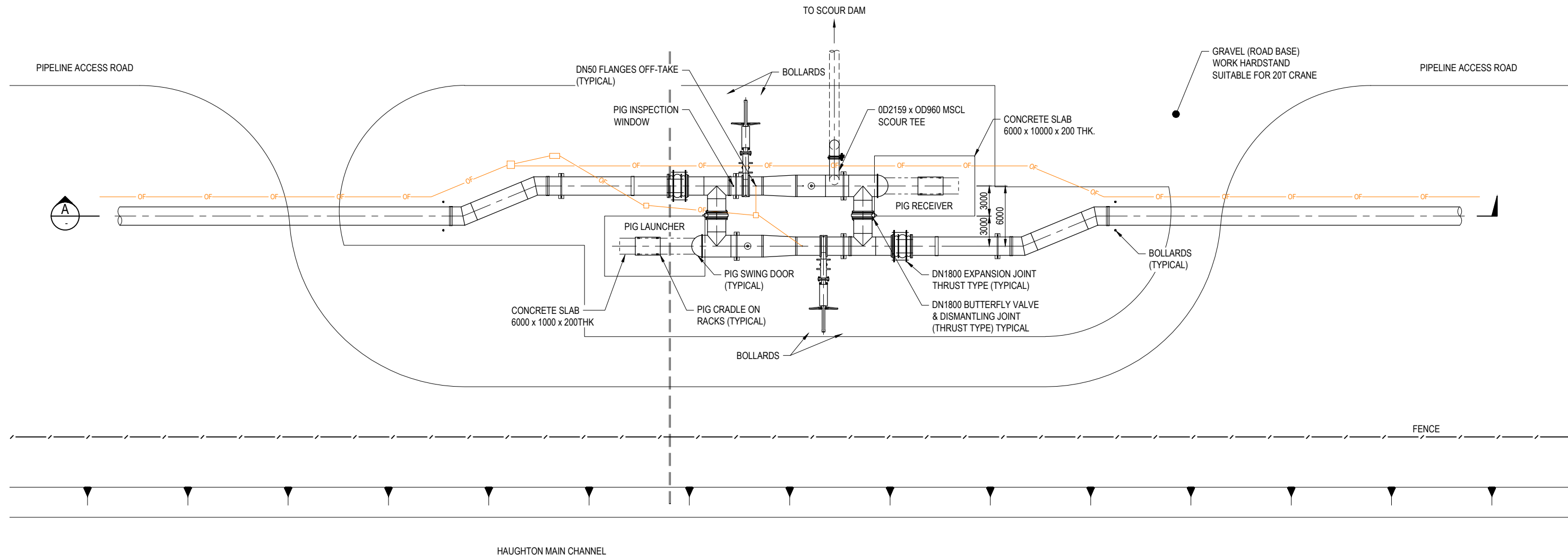
CLIENT		DEPARTMENT OF INFRASTRUCTURE, REGIONAL DEVELOPMENT AND CITIES	
PROJECT		HAUGHTON STAGE 2 PIPELINE	
DRAWN LDH	DRAWING CHECK	REVIEWED	APPROVED
DESIGNED	DESIGN REVIEW	DATE	DATE

TITLE
CLARE - HAUGHTON PIPELINE
PIGGING STATION AND SCOUR DAM

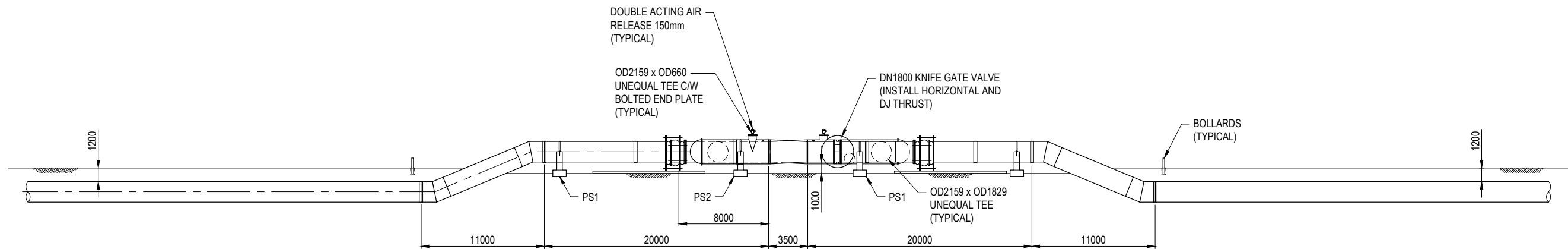
SCALE
AS SHOWN

DRAWING No.
IH175200-0000-CI-DRG-1050

REV
B



PLAN
SCALE 1:200 (A1)



SECTION
SCALE 1:200 (A1)

SCALE 1:200 (A1)
1:400 (A3)

CONCEPT DESIGN ISSUE

REV	DATE	DRAWN	REV'D	APP'D	REVISION	DRAWING NUMBER	REFERENCE DRAWING TITLE
B	28.05.19	LDH	MV	LH	CONCEPT DESIGN ISSUE		
A	09.05.19				PRELIMINARY ISSUE		

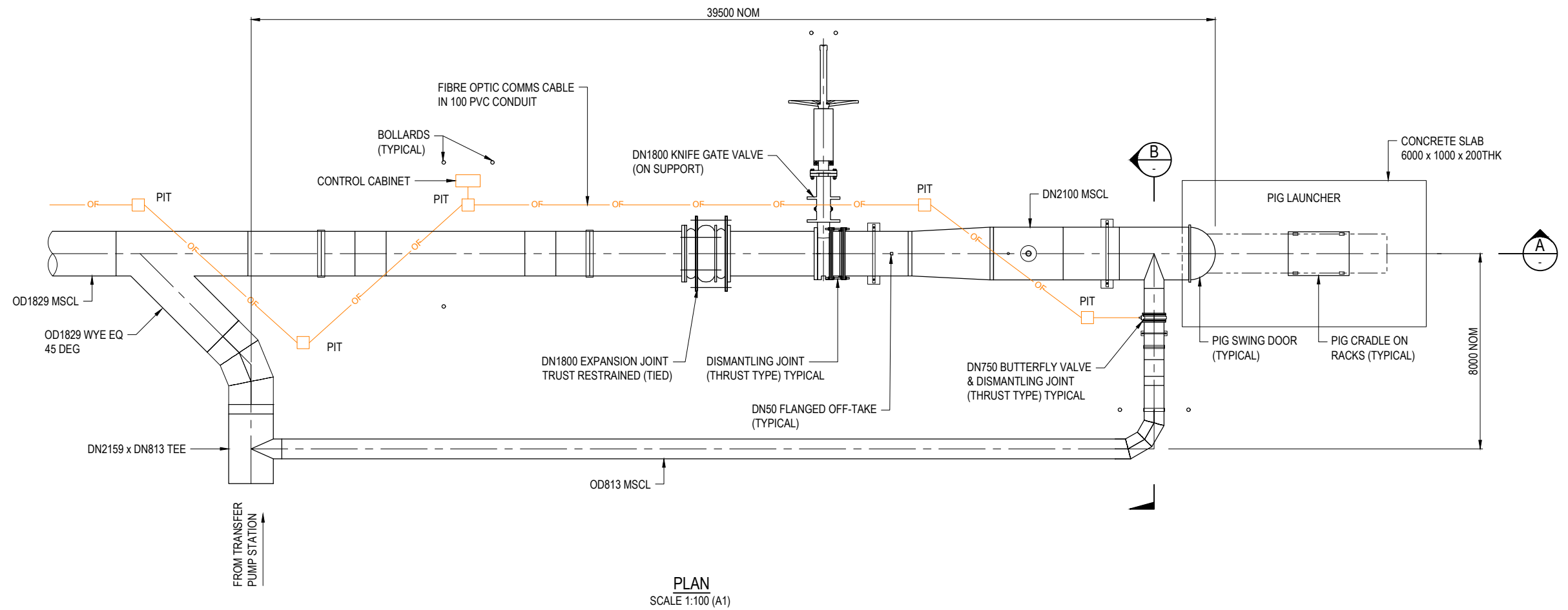
JACOBS

ABN 57 001 024 095 and ACN 001 024 095
Jacobs Group (Australia) Pty Ltd
444 Flinders St
Townsville, QLD 4810
AUSTRALIA
Tel: +61 7 47269100
Web: www.jacobs.com

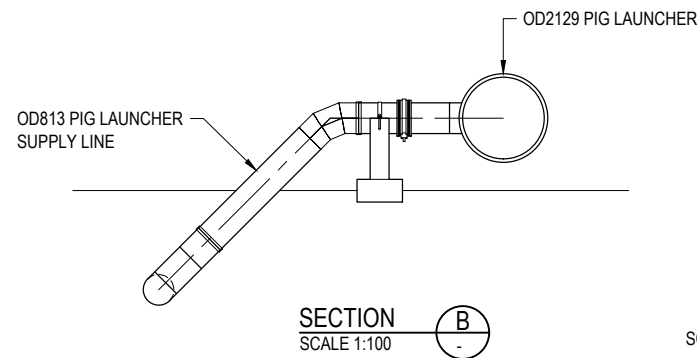
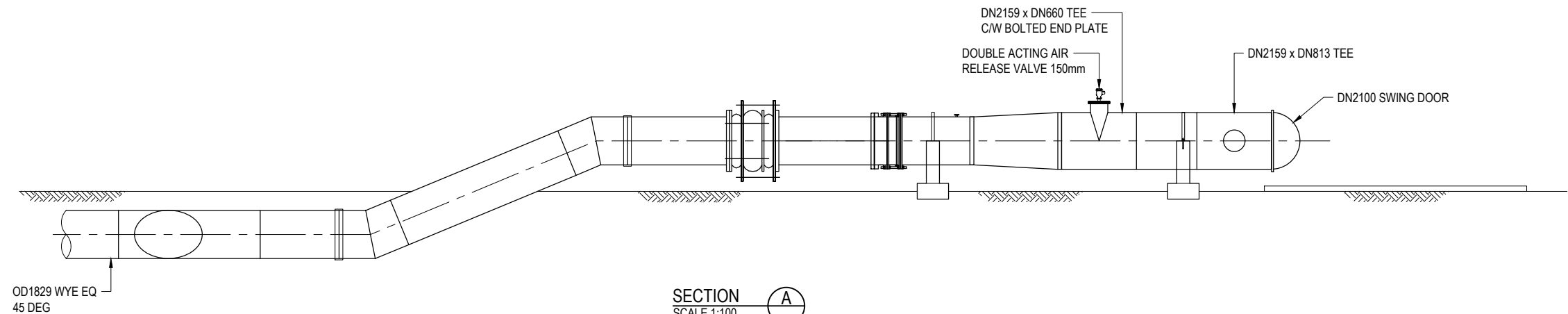
CLIENT	DEPARTMENT OF INFRASTRUCTURE, REGIONAL DEVELOPMENT AND CITIES		
PROJECT	HAUGHTON STAGE 2 PIPELINE		
DRAWN	DRAWING CHECK	REVIEWED	APPROVED
LDH			
DESIGNED	DESIGN REVIEW	DATE	DATE

TITLE
CLARE - HAUGHTON PIPELINE
PIGGING STATION DETAILS

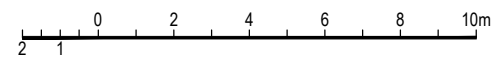
SCALE
AS SHOWN
DRAWING No.
IH175200-0000-CI-DRG-1051
REV
B



PLAN
SCALE 1:100 (A1)



SCALE 1:100 (A1)
1:200 (A3)



CONCEPT DESIGN ISSUE

REV	DATE	DRAWN	REV'D	APP'D	REVISION	DRAWING NUMBER	REFERENCE DRAWING TITLE
B	28.05.19	LDH	MV	LH	CONCEPT DESIGN ISSUE		
A	09.05.19				PRELIMINARY ISSUE		

JACOBS

ABN 57 001 024 095 and ACN 001 024 095
Jacobs Group (Australia) Pty Ltd
444 Flinders St
Townsville, QLD 4810
AUSTRALIA
Tel: +61 7 47269100
Web: www.jacobs.com

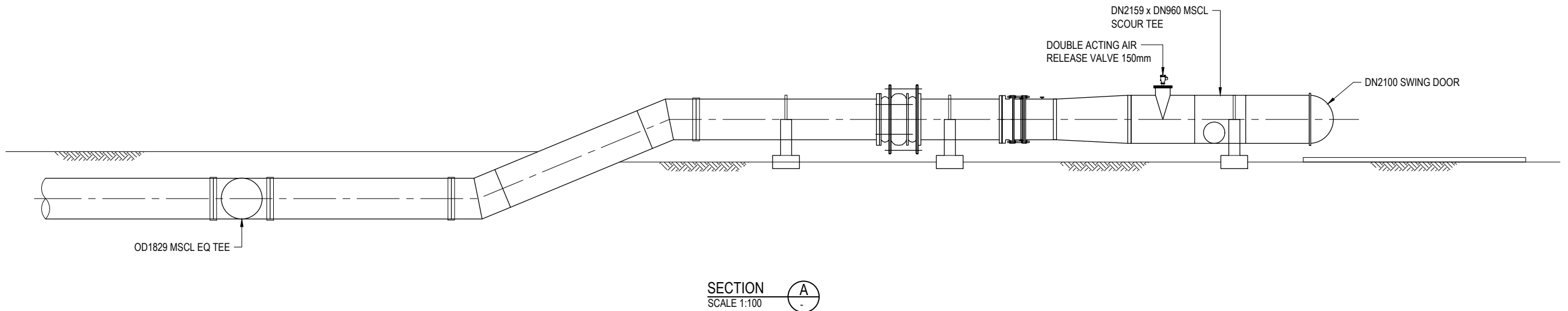
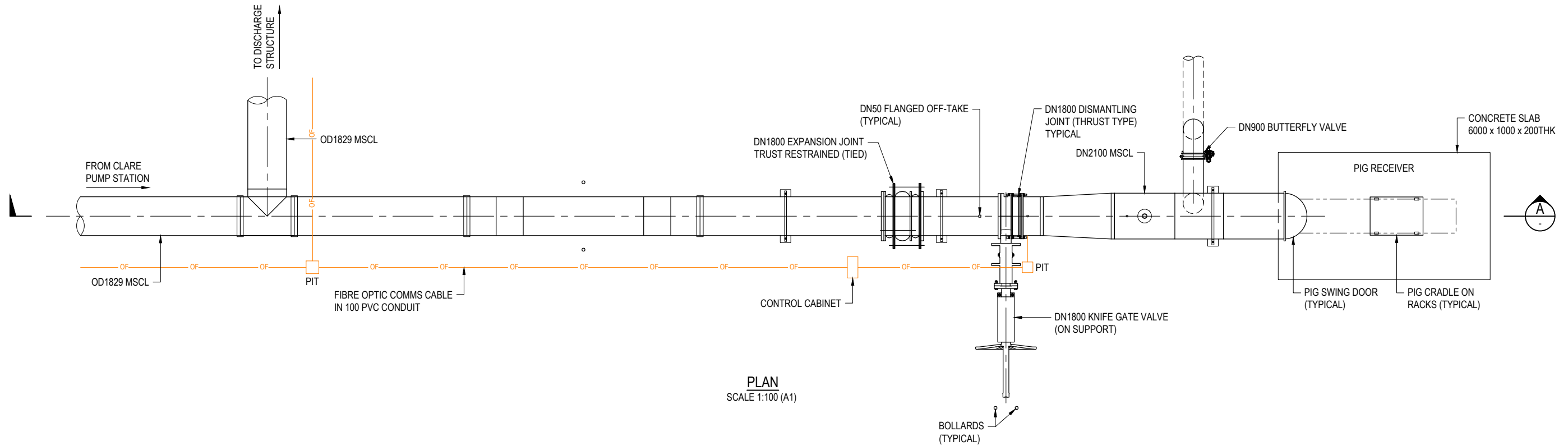
CLIENT	DEPARTMENT OF INFRASTRUCTURE, REGIONAL DEVELOPMENT AND CITIES
PROJECT	HAUGHTON STAGE 2 PIPELINE
DRAWN	LDH
DESIGNED	DESIGN REVIEW
DRAWING CHECK	REVIEWED
DATE	DATE
APPROVED	DATE

TITLE
CLARE - HAUGHTON PIPELINE
PIG LAUNCHER

SCALE
AS SHOWN

DRAWING No.
IH175200-0000-CI-DRG-1052

REV
B



SCALE 1:100 (A1)
1:200 (A3)

CONCEPT DESIGN ISSUE

REV	DATE	DRAWN	REV'D	APP'D	REVISION	DRAWING NUMBER	REFERENCE DRAWING TITLE
B	28.05.19	LDH	MV	LH	CONCEPT DESIGN ISSUE		
A	09.05.19				PRELIMINARY ISSUE		

JACOBS

ABN 57 001 024 095 and ACN 001 024 095
Jacobs Group (Australia) Pty Ltd
444 Flinders St
Townsville, QLD 4810
AUSTRALIA

Tel: +61 7 47269100
Web: www.jacobs.com

CLIENT	DEPARTMENT OF INFRASTRUCTURE, REGIONAL DEVELOPMENT AND CITIES
PROJECT	HAUGHTON STAGE 2 PIPELINE
DRAWN	LDH
DESIGNED	DESIGN REVIEW
REVIEWED	DATE
APPROVED	DATE

TITLE
CLARE - HAUGHTON PIPELINE
PIG RECEIVER

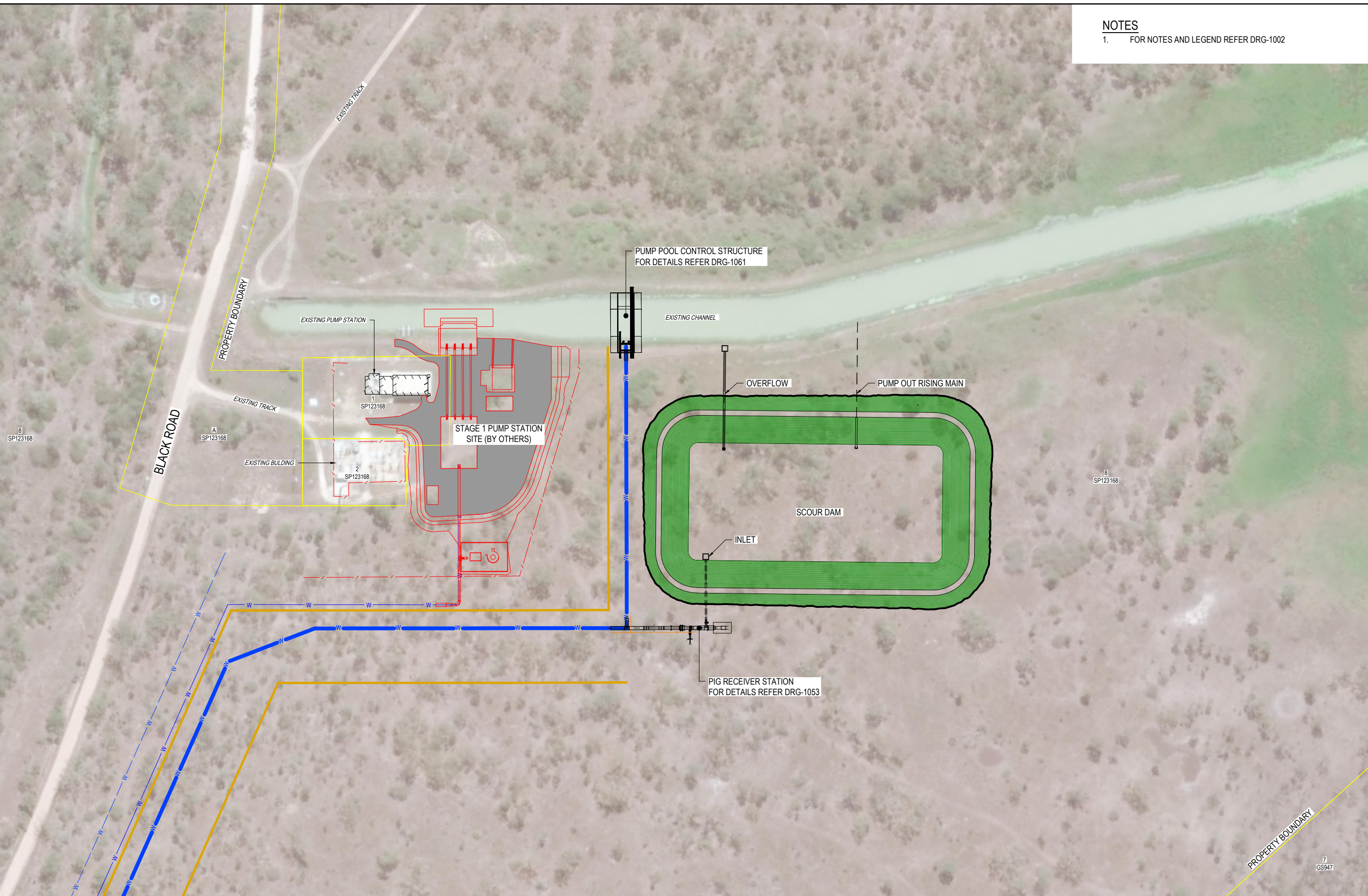
SCALE
AS SHOWN

DRAWING No.
IH175200-0000-CI-DRG-1053

REV
B



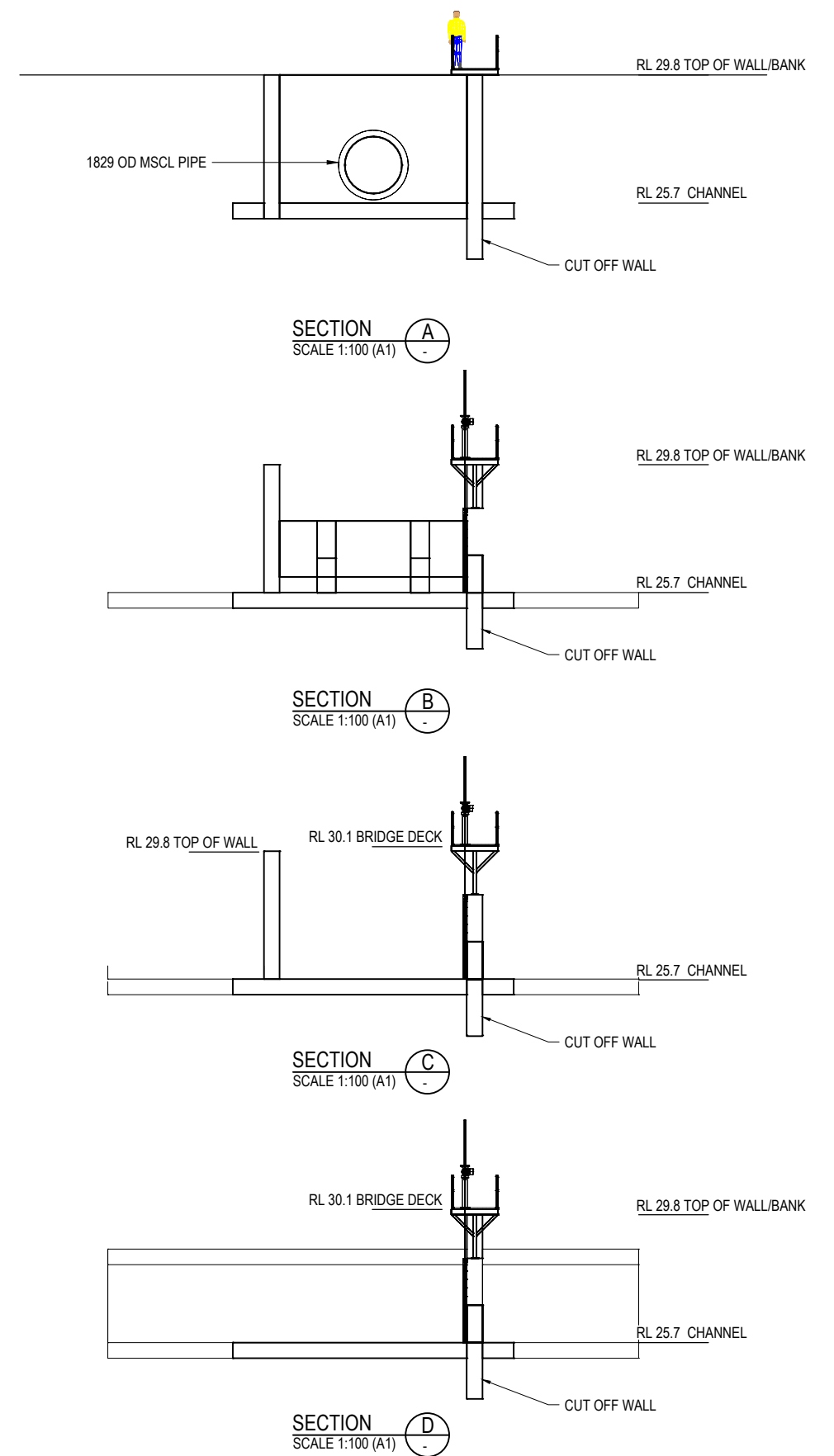
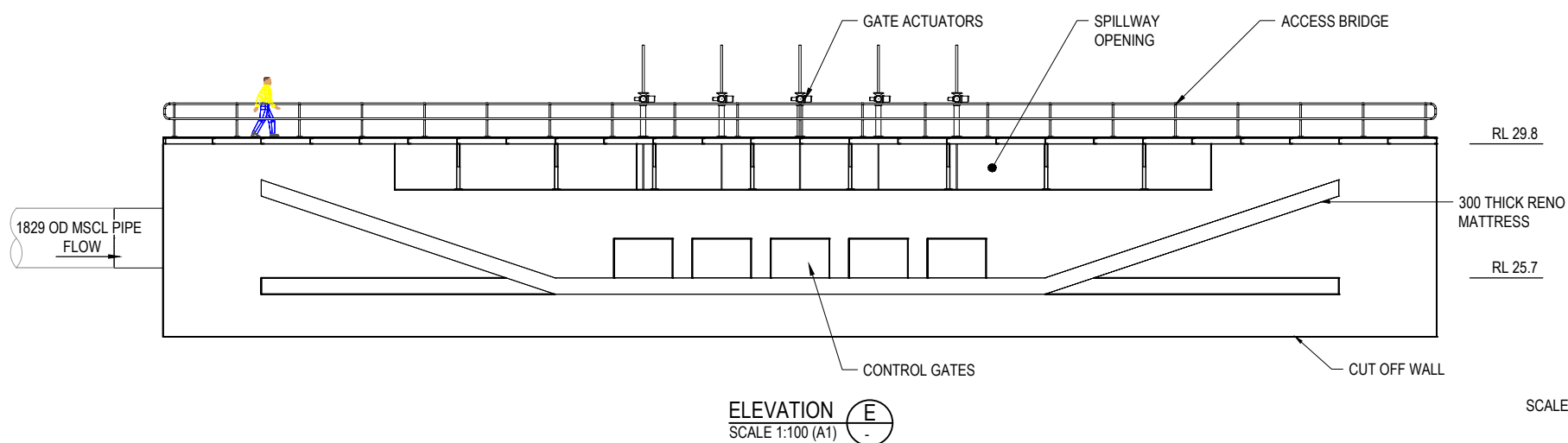
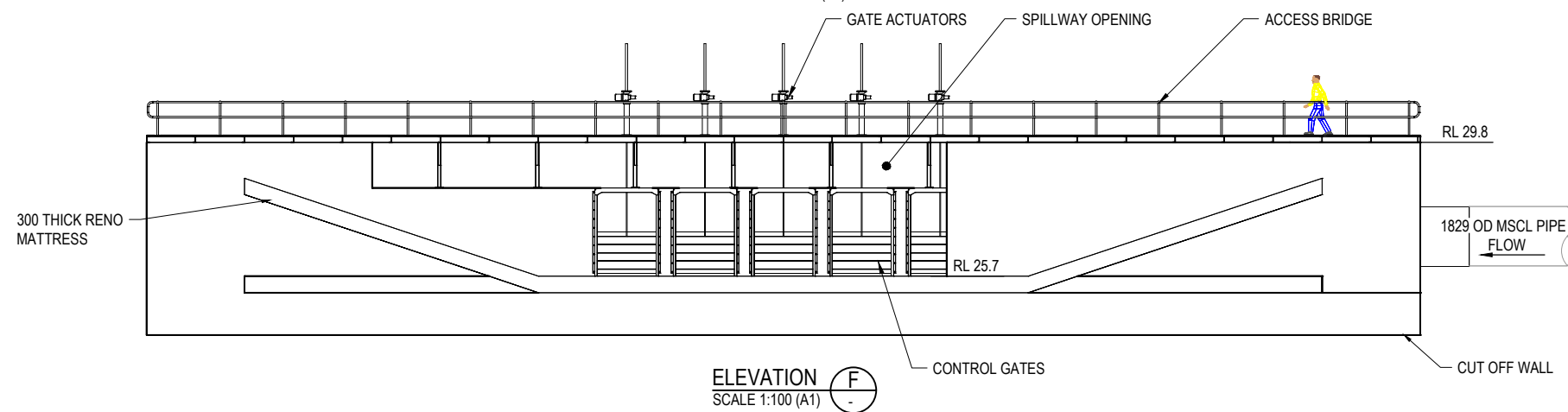
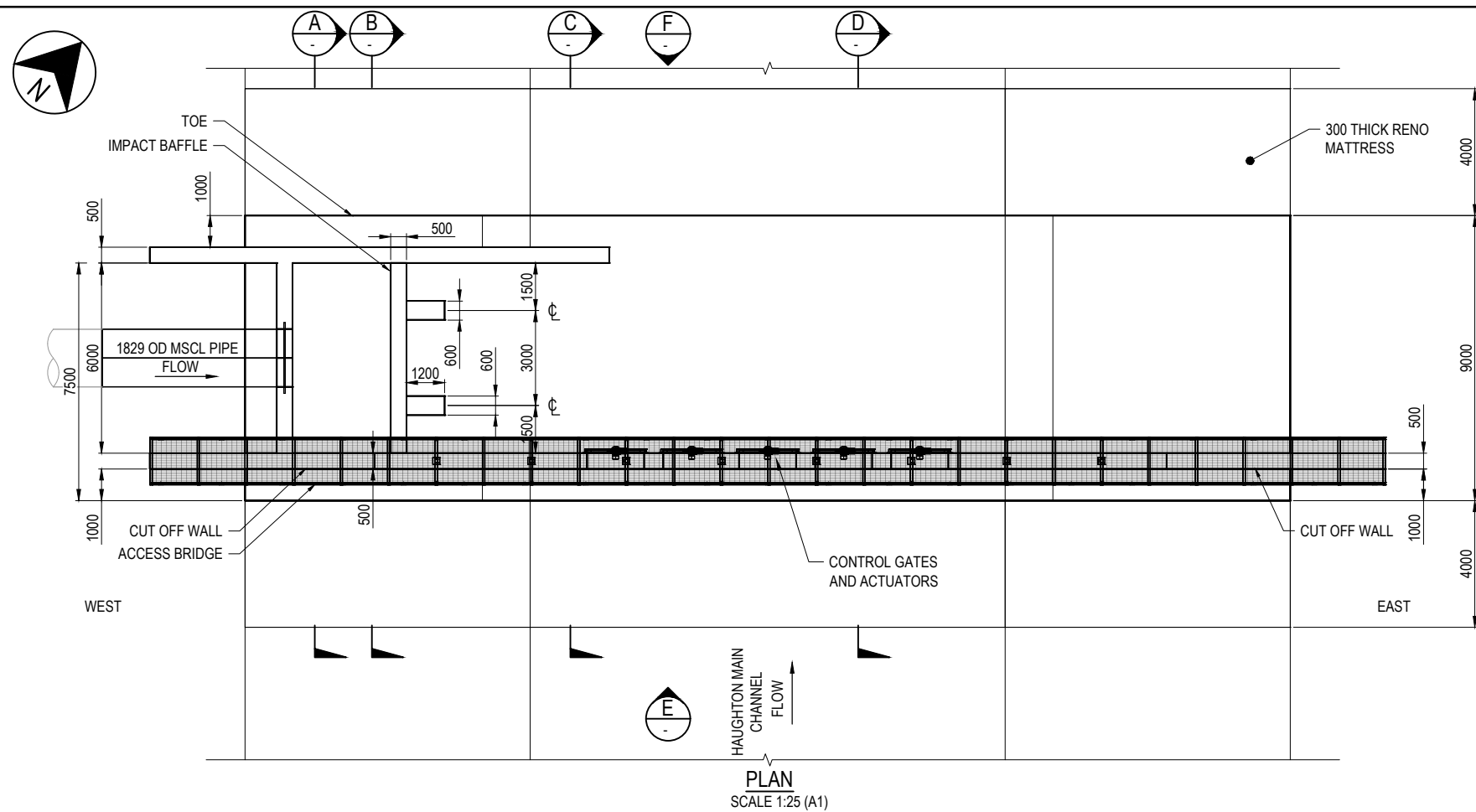
1. FOR NOTES AND LEGEND REFER DRG-1002



SCALE 1:1000 (A1) 0 20 40 60 80 100m
1:2000 (A3) 20 10

CONCEPT DESIGN ISSUE

[illegible]



CONCEPT DESIGN ISSUE

[illegible]

JACOBS

ABN 37 001 024 095 and ACN 001 024 095
Jacobs Group (Australia) Pty Ltd
444 Flinders St
Townsville, QLD 4810
AUSTRALIA

Tel: +61 7 47269100
Web: www.jacobs.com

CLIENT	DEPARTMENT OF INFRASTRUCTURE REGIONAL DEVELOPMENT AND CITIES
--------	--

PROJECT HAUGHTON STAGE 2 PIPELINE

DRAWN
LDU

DRAWING CHECK

	REVIEWED
--	----------

APPROVED

DESIGNED

	DESIGN REVIEW
--	---------------

--	--

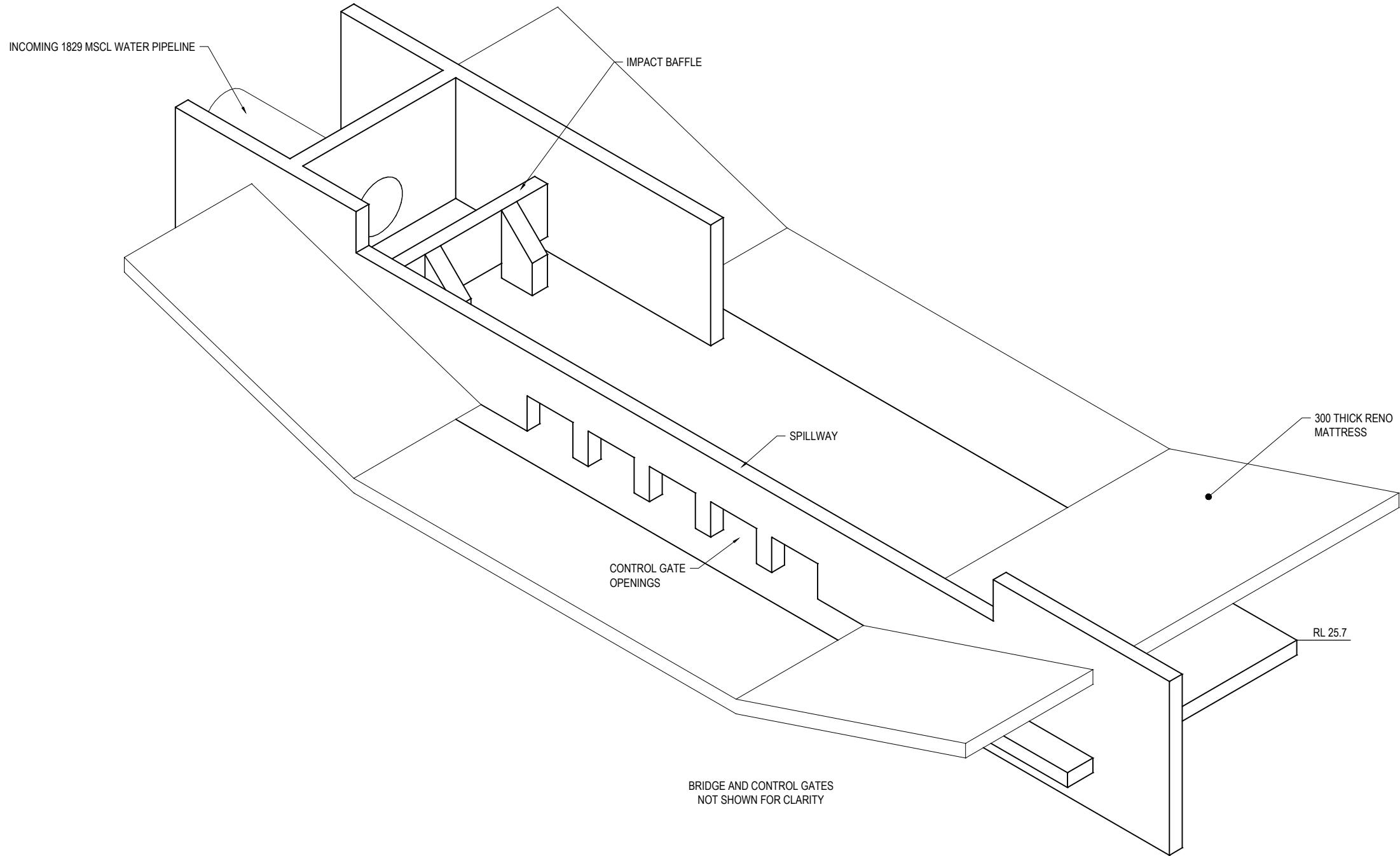
100

TITLE	CLARE - HAUGHTON PIPELINE PIPELINE CHANNEL DISCHARGE STRUCTURE
-------	---

SCALE
AS SHOWN

DRAWING No
IH175200-0000-CI-DRG-1061

A



PICTORIAL
NTS

CONCEPT DESIGN ISSUE

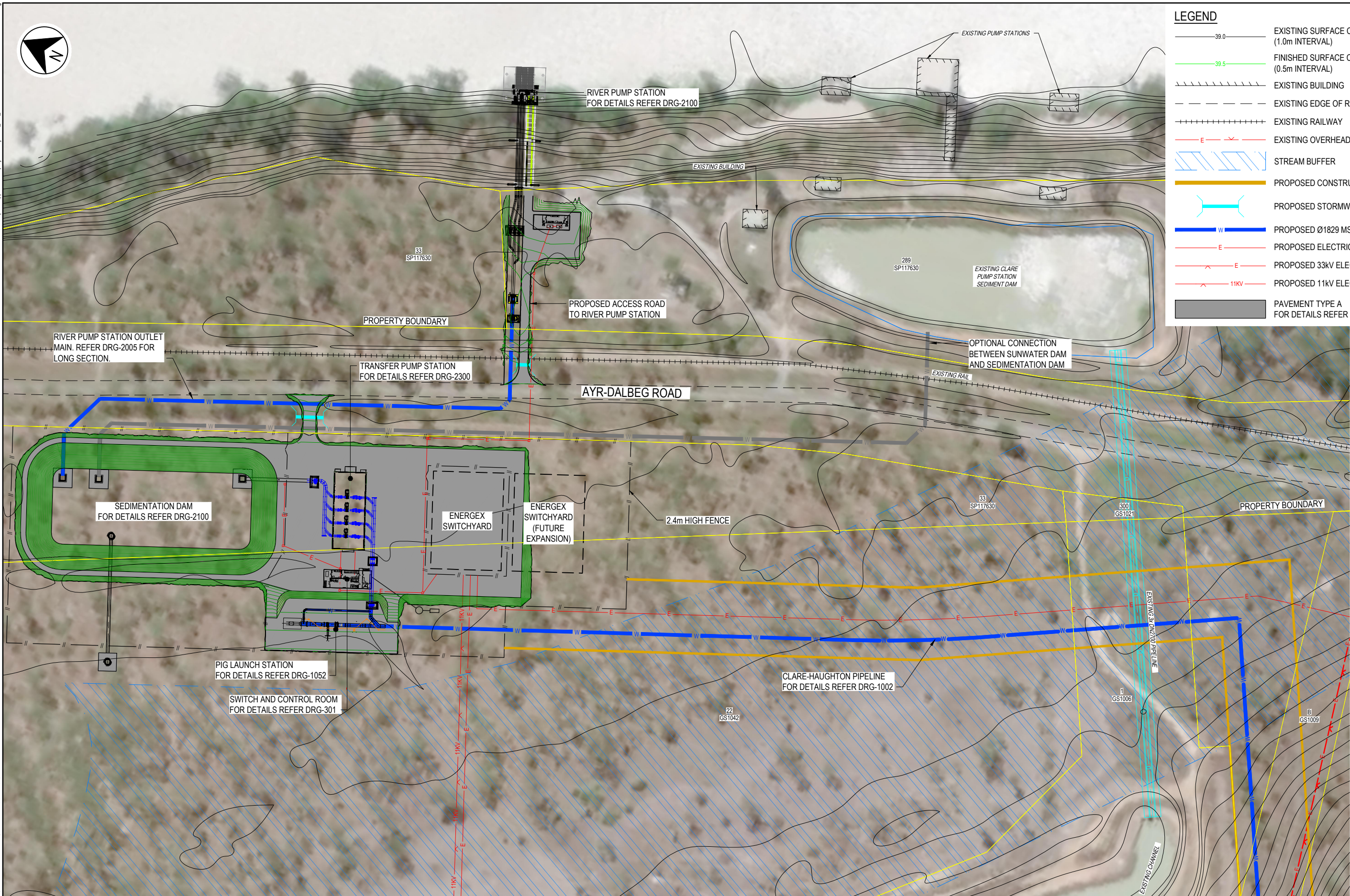
REV	DATE	DRAWN	REV'D	APP'D	REVISION	DRAWING NUMBER	REFERENCE DRAWING TITLE
B	28.05.19	LDH	MV	LH	CONCEPT DESIGN ISSUE		

JACOBS

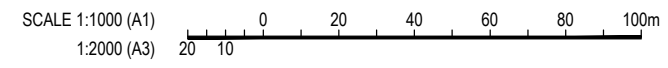
ABN 57 001 024 095 and ACN 001 024 095
Jacobs Group (Australia) Pty Ltd
444 Flinders St
Townsville, QLD 4810
AUSTRALIA
Tel: +61 7 47269100
Web: www.jacobs.com

CLIENT DEPARTMENT OF INFRASTRUCTURE, REGIONAL DEVELOPMENT AND CITIES			
PROJECT HAUGHTON STAGE 2 PIPELINE			
DRAWN LDH	DRAWING CHECK	REVIEWED	APPROVED
DESIGNED	DESIGN REVIEW	DATE	DATE

TITLE CLARE - HAUGHTON PIPELINE PIPELINE CHANNEL DISCHARGE STRUCTURE PICTORIAL			REV A
SCALE AS SHOWN	DRAWING No. IH175200-0000-CI-DRG-1062		



LEGEND	
	EXISTING SURFACE CONTOUR (1.0m INTERVAL)
	FINISHED SURFACE CONTOUR (0.5m INTERVAL)
	EXISTING BUILDING
	EXISTING EDGE OF ROAD
	EXISTING RAILWAY
	EXISTING OVERHEAD ELECTRICAL
	STREAM BUFFER
	PROPOSED CONSTRUCTION EASEMENT
	PROPOSED STORMWATER DRAINAGE
	PROPOSED Ø1829 MSCL PIPELINE
	PROPOSED ELECTRICAL (UNDERGROUND)
	PROPOSED 33kV ELECTRICAL (OVER HEAD)
	PROPOSED 11kV ELECTRICAL (OVER HEAD)
	PAVEMENT TYPE A FOR DETAILS REFER DRG-2100



PRELIMINARY ISSUE

REV	DATE	DRAWN	REV'D	APP'D	REVISION	DRAWING NUMBER	REFERENCE DRAWING TITLE
B					CONCEPT DESIGN ISSUE		
A	09.05.19				PRELIMINARY ISSUE		



ABN 57 001 024 095 and ACN 001 024 095
Jacobs Group (Australia) Pty Ltd
444 Flinders St
Townsville, QLD 4810
AUSTRALIA
Tel: +61 7 47269100
Web: www.jacobs.com

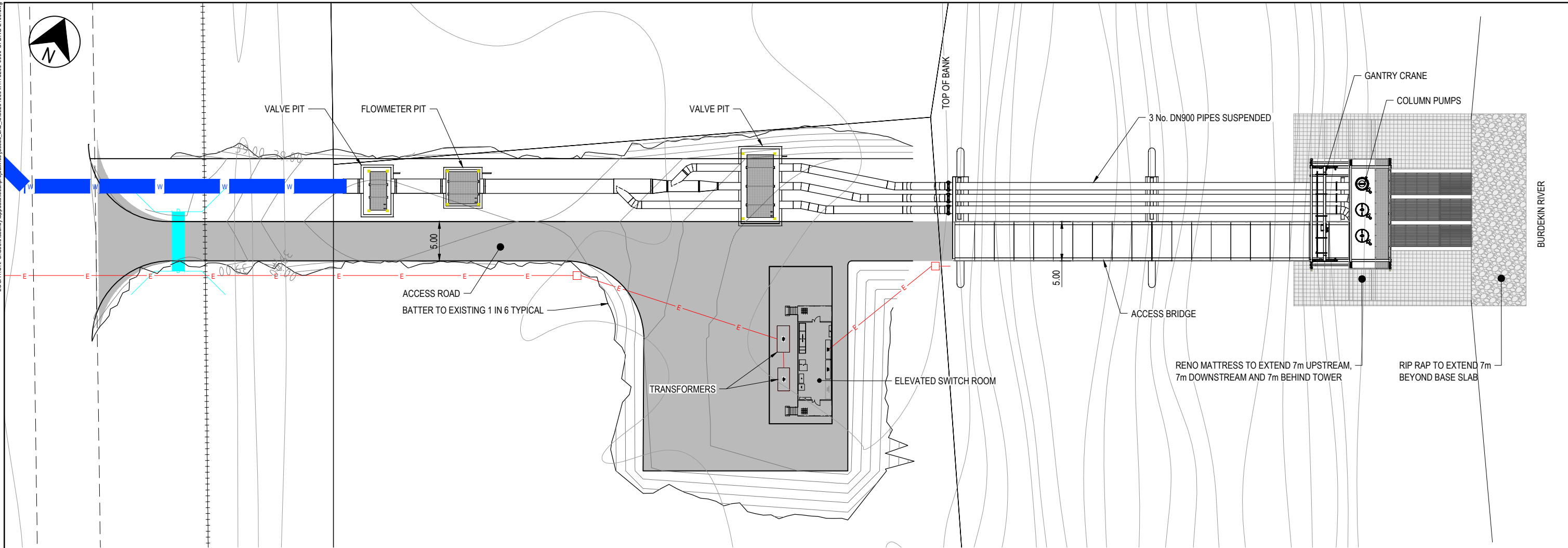
CLIENT DEPARTMENT OF INFRASTRUCTURE, REGIONAL DEVELOPMENT AND CITIES			
PROJECT HAUGHTON STAGE 2 PIPELINE			
DRAWN	DRAWING CHECK	REVIEWED	APPROVED
DESIGNED	DESIGN REVIEW	DATE	DATE

TITLE CLARE PUMP STATIONS SITE PLAN			
SCALE AS SHOWN	DRAWING No. IH175200-0000-CI-DRG-2002	REV B	

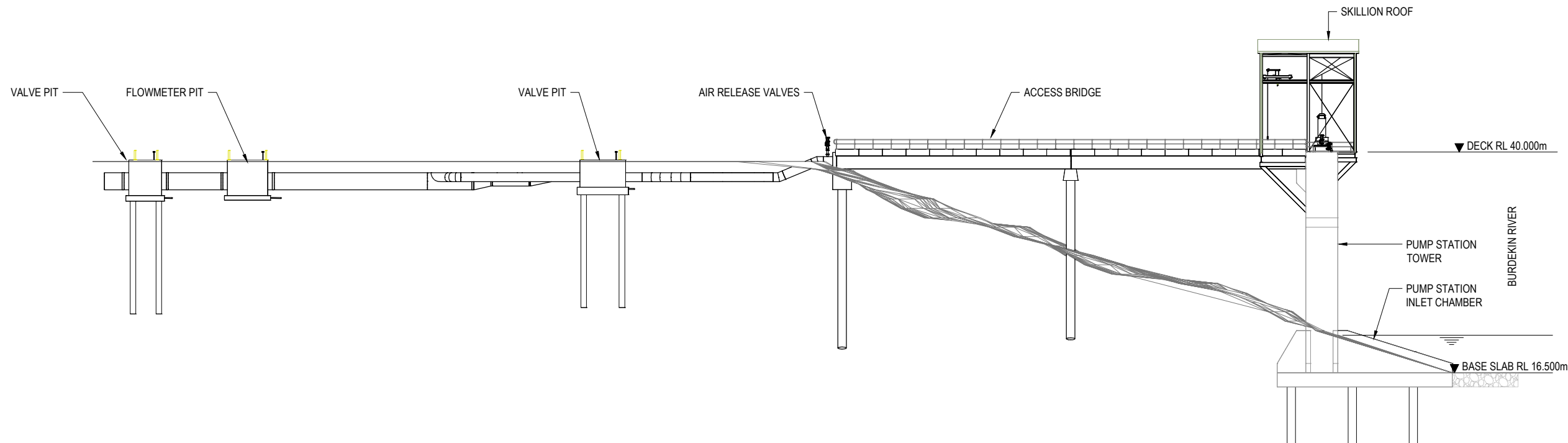
[illegible]

DATE: 27/05/2019 5:38:14 PM NAME: BAILEY, CLAYTON B LOCATION: Clusers (bailey)\\appdata\\local\\project\\bailey\\baileys_arz_\\00264936\\IH175200-0000-CI-DRG-2100.dwg

Jacobs Group (Australia) Pty Ltd (ABN 37 001 024 095). No part of this document or the information it contains may be reproduced or transmitted in any form or by any means electronic or mechanical, including photocopying, recording, or by any information storage and retrieval system, without permission in writing from Jacobs Group (Australia) Pty Ltd.



SITE PLAN
SCALE 1:250



SITE SECTION
SCALE 1:250

SCALE 1:250 (A1)
1:500 (A3)

CONCEPT DESIGN ISSUE

REV	DATE	DRAWN	REV'D	APP'D	REVISION	DRAWING NUMBER	REFERENCE DRAWING TITLE
B	28.05.19	CBB	MV	LH	CONCEPT DESIGN ISSUE		
A	09.05.19				PRELIMINARY ISSUE		

JACOBS

ABN 37 001 024 095 and ACN 001 024 095
Jacobs Group (Australia) Pty Ltd
444 Flinders St
Townsville, QLD 4810
AUSTRALIA

Tel: +61 7 47289100
Web: www.jacobs.com

CLIENT	DEPARTMENT OF INFRASTRUCTURE, REGIONAL DEVELOPMENT AND CITIES
PROJECT	HAUGHTON STAGE 2 PIPELINE
DRAWN	CBB
DESIGNED	DESIGN REVIEW
REVIEWED	DATE
APPROVED	DATE

TITLE	CLARE PUMP STATIONS RIVER PUMP STATION GENERAL ARRANGEMENT
SCALE	AS SHOWN
DRAWING No.	IH175200-0000-CI-DRG-2100
REV	B