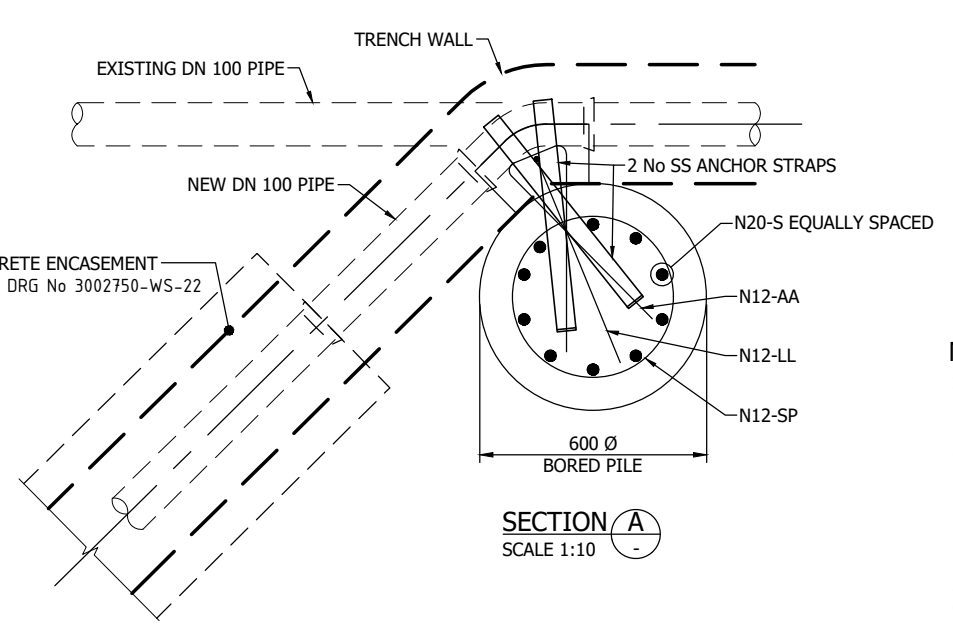


ELEVATION - THRUST BLOCK
SCALE 1:10

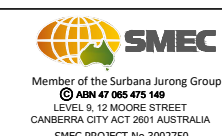


SECTION A
SCALE 1:10

- NOTES**
- FOR GENERAL NOTES AND LEGEND REFER SMEC DRAWING No. 3002750-WS-001
 - THRUST BLOCKS HAVE BEEN DESIGNED FOR A 1400KPa (140m HEAD) PRESSURE TEST AND FOR A MAXIMUM INSTALL ANGLE OF 45o VERTICALLY / 45o HORIZONTALLY.
 - MINIMUM HORIZONTAL BEARING CAPACITY OF 50KPa TO BE ACHIEVED IN UNDISTURBED GROUND AND SHALL BE VERIFIED BY THE CONTRACTORS GEOTECHNICAL ENGINEER. WHERE 50KPa IS NOT ACHIEVED, THE CONTRACTOR SHALL INFORM THE ENGINEER AND PROPOSE A POSSIBLE ALTERNATE DESIGN OUTCOME BASED ON SITE CONDITIONS.
 - CONCRETE TO BE S40/20 GRADE, COMPLYING TO AS 1379 and TfNSW SPECIFICATIONS B59 AND B80.
 - CONCRETE EXPOSURE CLASSIFICATION B1, COVER 75.
 - CONCRETE TO BE CAST IN UNDISTURBED SOIL. WHERE SOIL IS DISTURBED, THE CONTRACTOR SHALL RE-COMPACT TO ACHIEVE A STANDARD DRY DENSITY OF 95% MINIMUM.
 - CONCRETE IS TO BE CAST CENTRALLY AROUND THE PIPE BEND
 - REINFORCEMENT TO BE D500N GRADE TO AS/NZS 4671 AND SHALL BE ARCS CERTIFIED.

DESIGN

No.	REVISION	DATE	ENG CHECKED	VERIFIED	DESIGN AUTH
B	ICON WATER RESUBMISSION	07.05.2024	A.L.	A.C.	
A	ICON WATER RESUBMISSION	30.11.2023	A.L.	A.C.	



Drawn:	N.BROOKE-TAYLOR	Designed:	M. HOSSEINI
Checked:	A.CHANDRA		
Project Manager:	T. VAN NIEKERK		
Contractor's Drawing No.:	3002750-WS-041		
Icon Water Consented:			
Icon Water Design Authority:			

WILLIAM HOVELL DRIVE DUPLICATION
TYPICAL BORED THRUST BLOCK
AND REINFORCEMENT DETAILS

Scale:	AS SHOWN	Date:		Sheet No.:	
Project No.:	AS SHOWN	Tender No.:	DR		
A1	3002750-WS-034				Rev B