

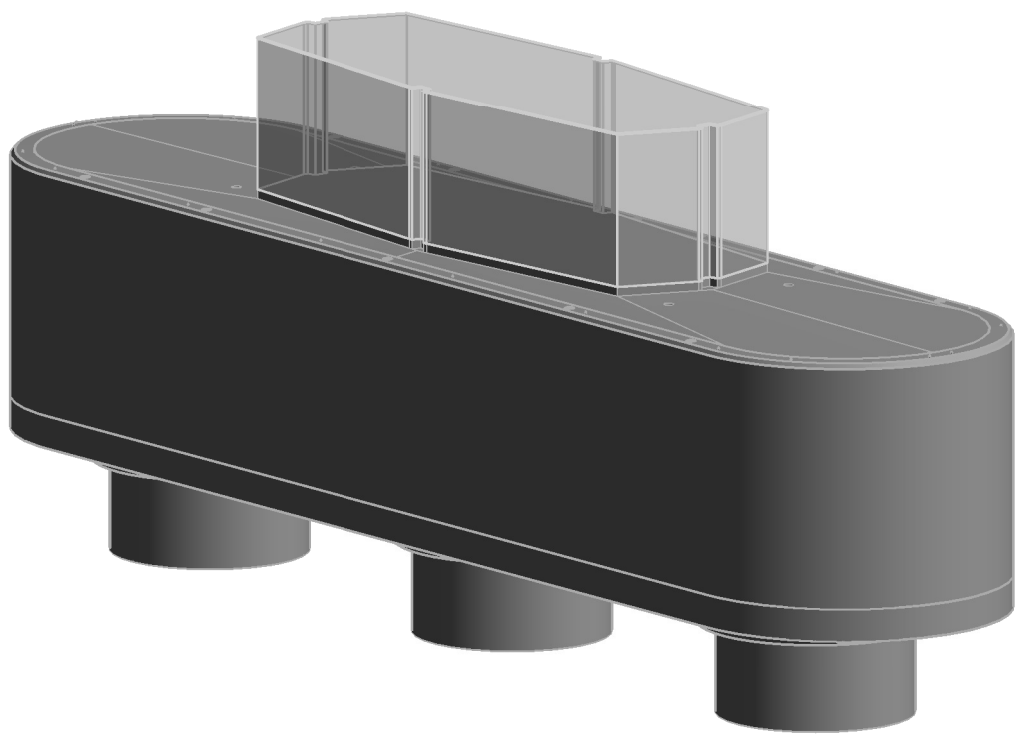
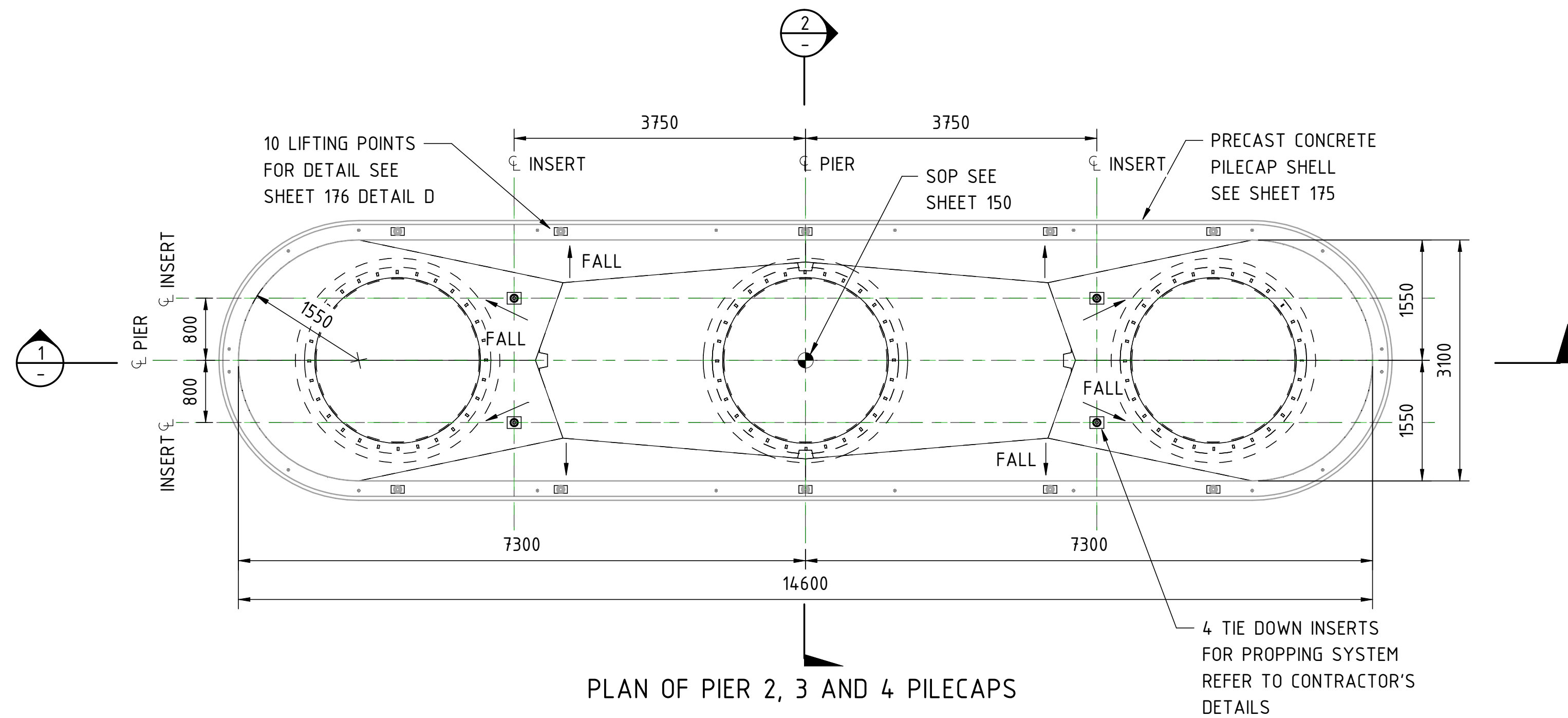
ISOMETRIC VIEW

GENERAL NOTES

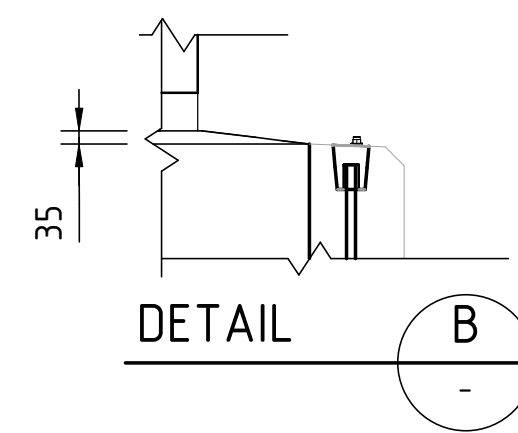
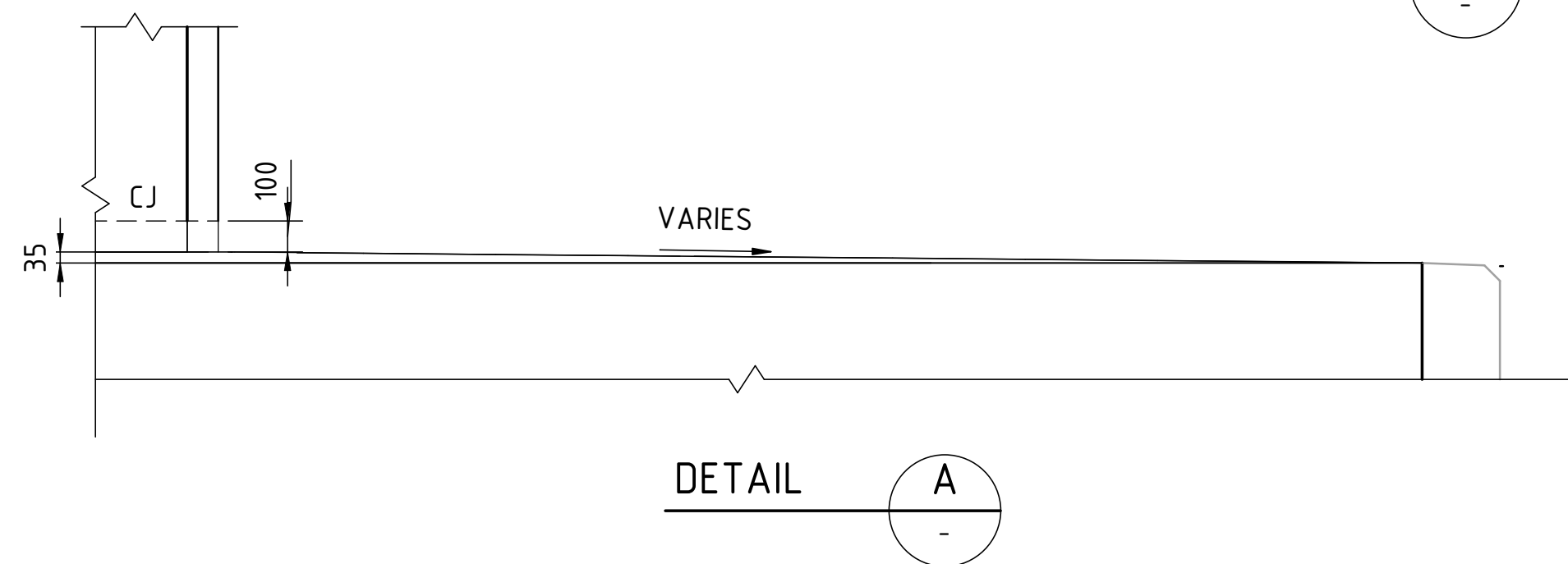
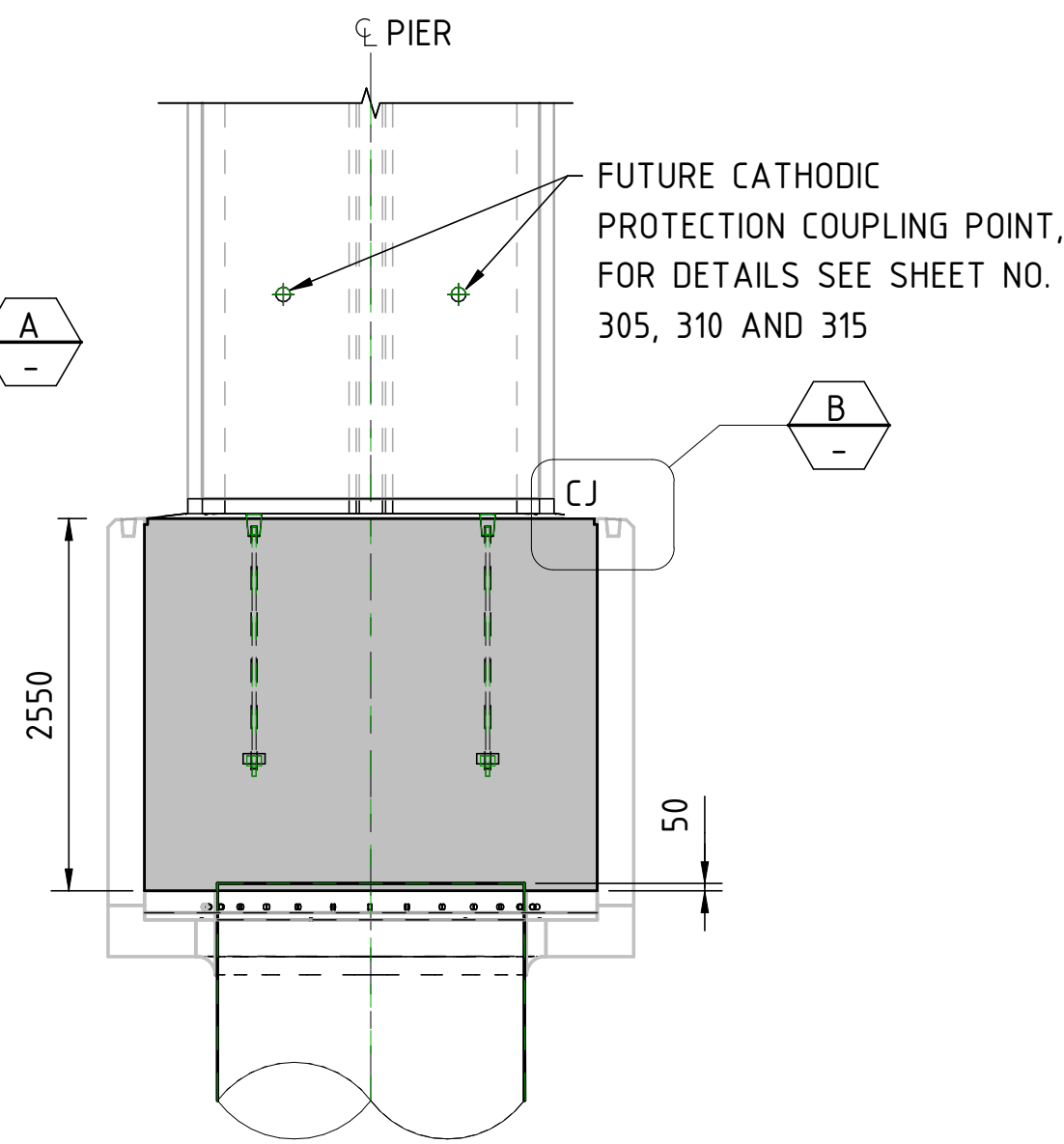
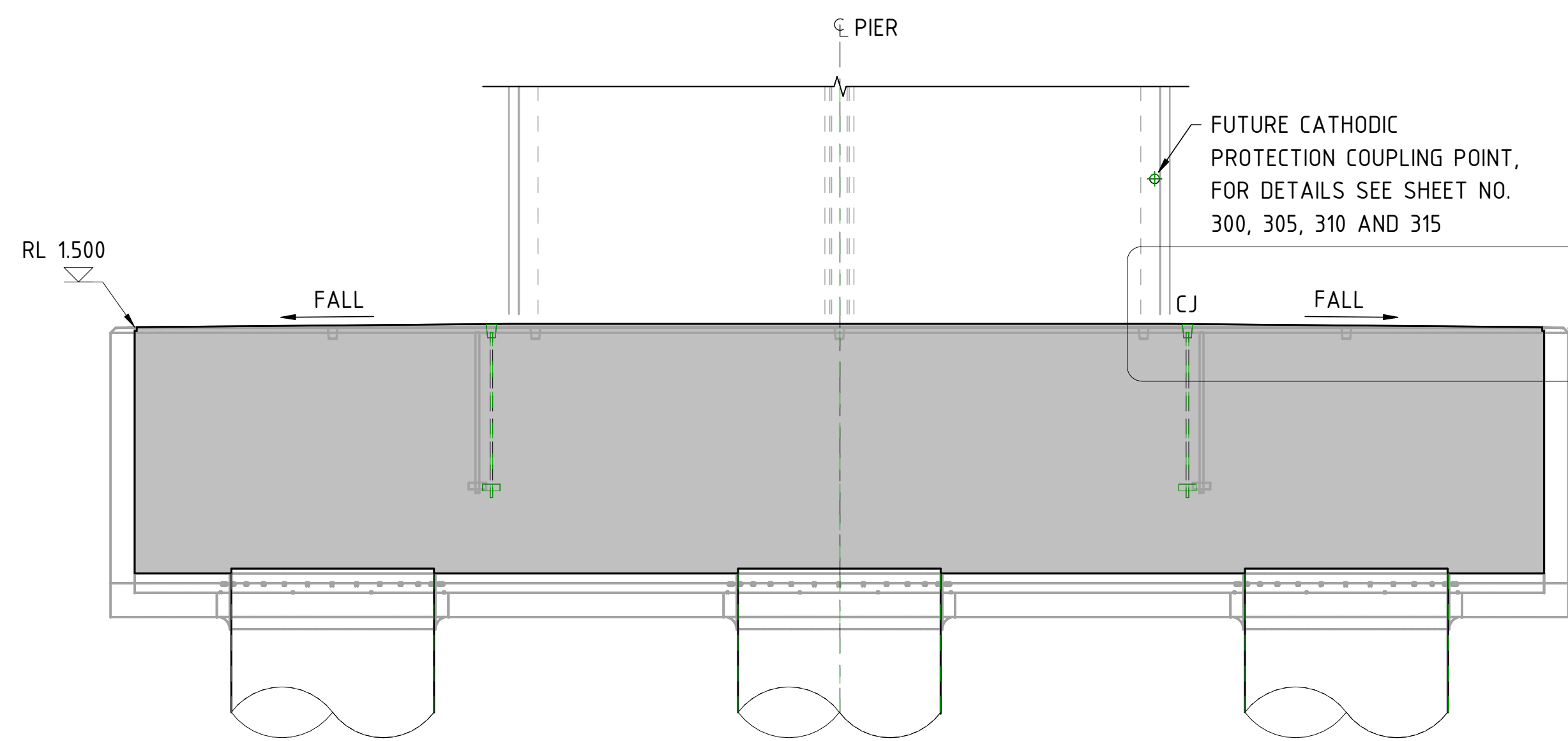
- CONCRETE EXPOSURE CLASSIFICATION: C2
- MINIMUM 28 DAY COMPRESSIVE STRENGTH OF CONCRETE SHALL BE 55 MPa.
- EDGES SHALL BE CHAMFERED 20x20 AND RE-ENTRENT ANGLES FILLETED 20x20 UNLESS SPECIFIED OTHERWISE
- THE PRECAST SHELL SHALL HAVE A MINIMUM STRENGTH OF 50 MPa PRIOR TO CASTING OF THE PILECAP CONCRETE
- THE INITIAL CONCRETE POUR SHALL HAVE A MINIMUM STRENGTH OF 32 MPa PRIOR TO CASTING OF THE PILECAP CONCRETE
- THE 2 X 3 NUMBER TIE BARS BETWEEN THE WALLS OF THE PRECAST SHELL SHALL BE INSTALLED PRIOR TO CASTING OF THE PILECAP CONCRETE
- PRIOR TO POURING OF THE PILECAP CONCRETE THE INTERNAL SURFACES OF THE PRECAST SHELL SHALL BE THOROUGHLY CLEANED WITH FRESH WATER
- NCF DENOTES NO CHAMFER OR FILLET
- CJ DENOTES CONSTRUCTION JOINT

FOR CONSTRUCTION

EXTERNAL REFERENCE FILES	BR1 / ISSUED FOR CONSTRUCTION		DATUM : MGA / ADH	CONTRACTOR <b>JOHN HOLLAND</b>		NEW BRIDGE			
			SCALES ON A1 SIZE DRAWING			PIER 1 PILECAP			
						DRAWING SET No BS2019/001224			
						ISSUE STATUS FOR CONSTRUCTION	BRIDGE No B1234	SHEET No 164	ISSUE A



ISOMETRIC VIEW



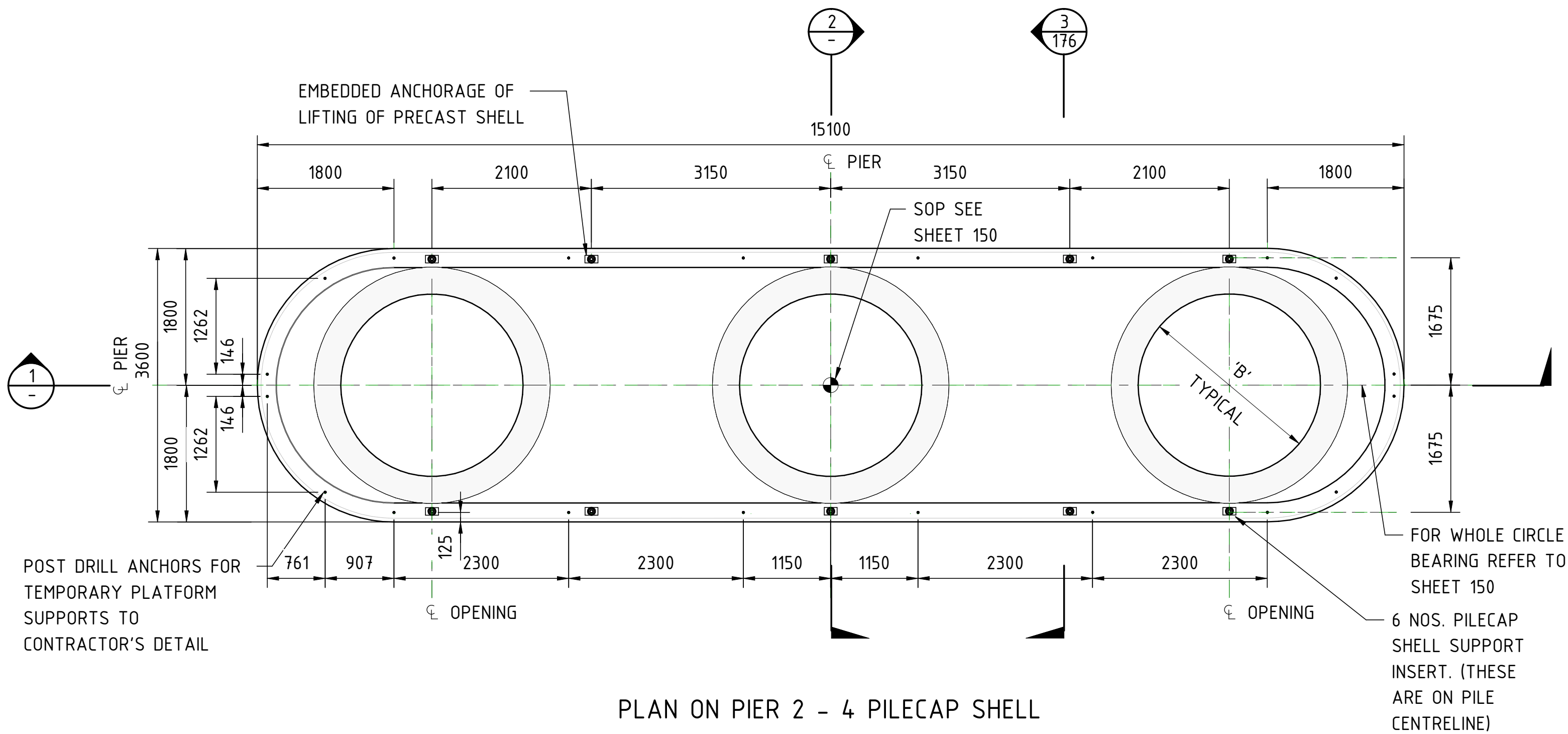
GENERAL NOTES  
FOR GENERAL NOTES SEE SHEET NO. 164

FOR CONSTRUCTION

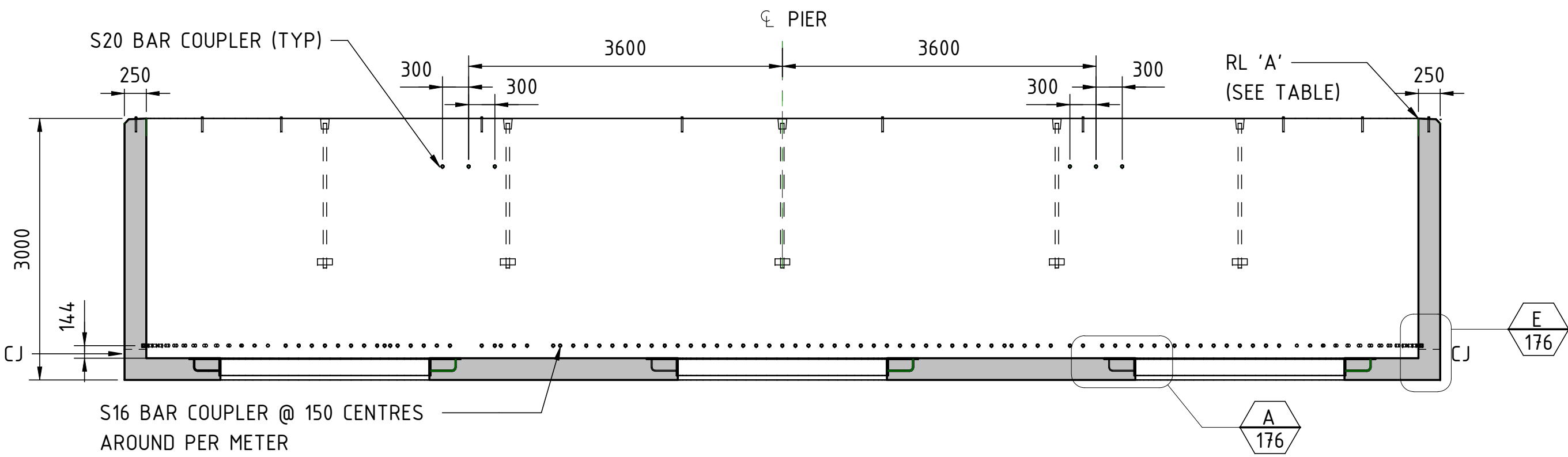
EXTERNAL REFERENCE FILES		BR1 / ISSUED FOR CONSTRUCTION		DATUM : MGA / ADH		CONTRACTOR <div>JOHN HOLLAND</div>		NEW BRIDGE			
				<div>SCALES ON A1 SIZE DRAWING</div> <div><div><div></div><div></div><div></div><div></div><div></div></div><div>10005000100020003000mm</div></div>				PIER 2, 3 AND 4 PILECAPS			
								DRAWING SET No			
								BS2019/001225			
								ISSUE STATUS FOR CONSTRUCTION		BRIDGE No. B1234	



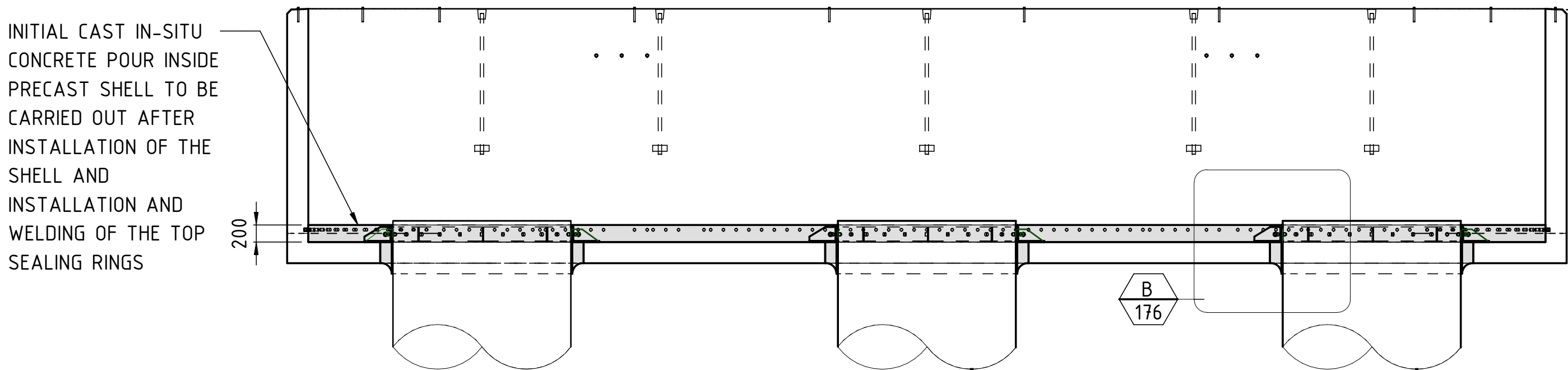




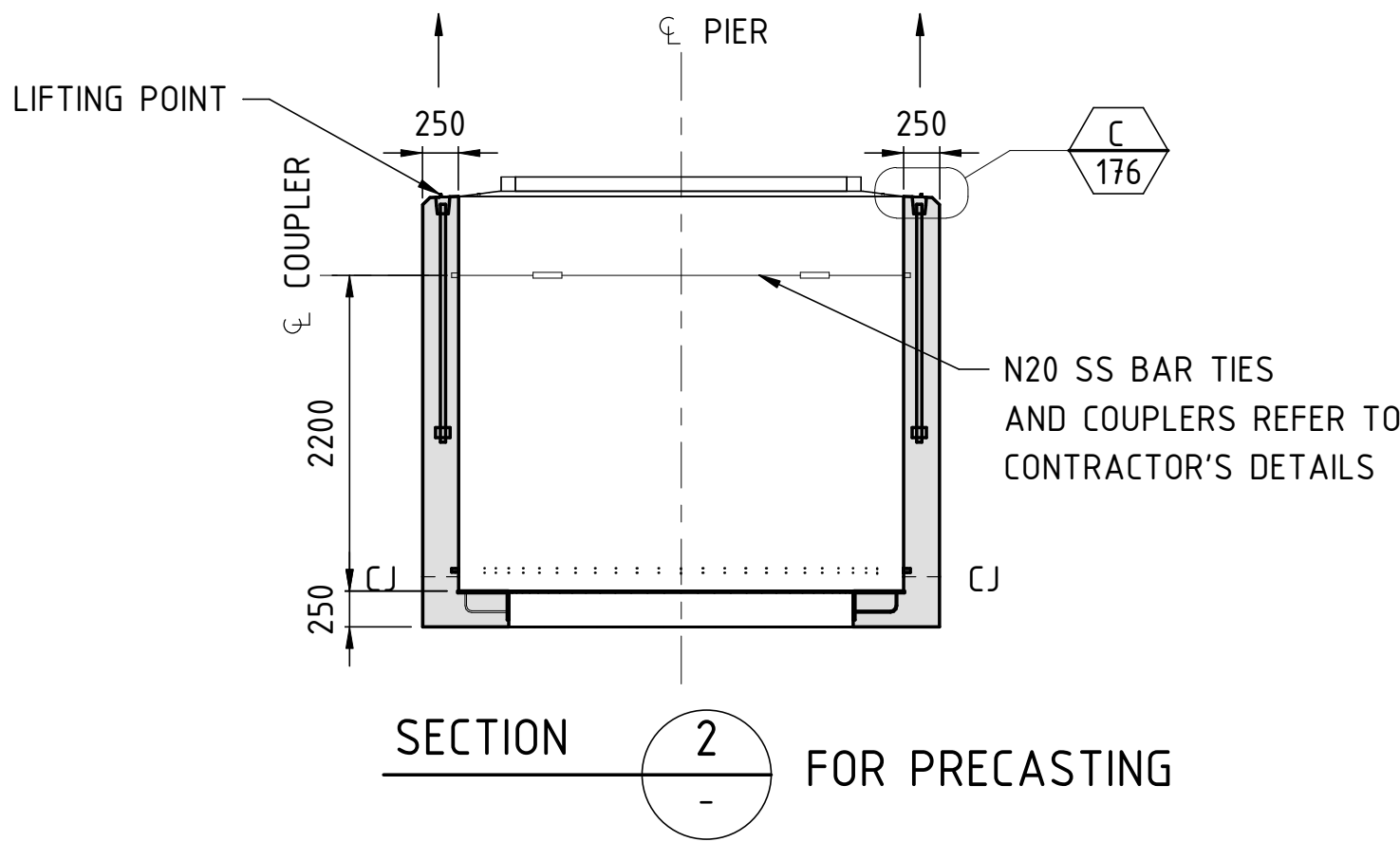
PLAN ON PIER 2 - 4 PILECAP SHELL  
(PIER 1 SIMILAR)



SECTION 1 FOR PRECASTING

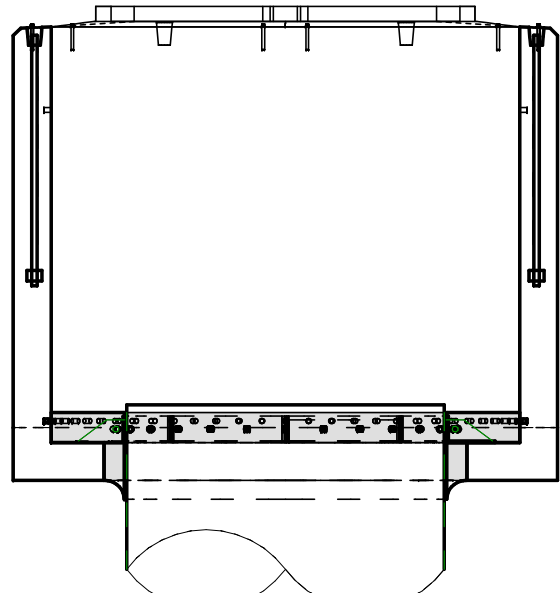


SECTION 1 AFTER INSTALLATION



SECTION 2 AFTER INSTALLATION

THIS IS A 3D PDF DESIGNED TO BE VIEWED ELECTRICALLY.  
PLEASE CLICK BELOW LINK FOR THE 3D IMAGE.  
<https://a360.co/2J6TQtW>



ISOMETRIC VIEW

	RL A	DIAMETER B
PIER 2	+1.500	24.00
PIER 3	+1.500	24.00
PIER 4	+1.500	24.00

GENERAL NOTES

- CONCRETE EXPOSURE CLASSIFICATION OF EXTERNAL SURFACES C1
- MINIMUM 28 DAY COMPRESSIVE STRENGTH OF CONCRETE SHALL BE 55 MPa
- THE PRECAST SHELL SHALL HAVE A MINIMUM STRENGTH OF 50 MPa PRIOR TO CASTING OF THE INITIAL CONCRETE POUR
- PRECAST SHELL SHALL HAVE A MINIMUM STRENGTH OF 25 MPa BEFORE LIFTING
- ANY SEA WATER IN THE SHELL SHALL BE REMOVED AND THE SHELL SHALL BE THOROUGHLY CLEANED BEFORE INITIAL CONCRETE POUR
- CJ DENOTES CONSTRUCTION JOINT
- A ROUGHENED FINISH SHALL BE PROVIDED TO ALL CJ
- A ROUGHENED FINISH SHALL BE PROVIDED TO ALL INTERNAL SURFACES OF THE PRECAST SHELL TO
- LIFTING OF PRECAST SHELL SHALL BE VERTICAL AND SHALL ENSURE THAT NO LATERAL LOADS ARE IMPOSED ON THE PRECAST SHELL WALLS
- HOLES LEFT BY FORMWORK TIES SHALL BE COMPLETELY GROUTED
- THE PRECAST SHELL AND THE INTIAL CONCRETE POUR AND ALL ELEMENTS CONTAINED WITHIN ARE SACRIFICIAL AND ARE NOT USED IN THE DESIGN OF THE PERMANENT WORKS
- NCF DENOTES NO CHAMFER OR FILLET
- CJ DENOTES CONSTRUCTION JOINT

FOR CONSTRUCTION

EXTERNAL REFERENCE FILES

BR1 / ISSUED FOR CONSTRUCTION

DATUM : MGA / ADH

SCALES ON A1 SIZE DRAWING

CONTRACTOR

JOHN HOLLAND

NEW BRIDGE

PILECAP SHELLS - SHEET A

DRAWING SET No

BS2019/001227

ISSUE STATUS

FOR CONSTRUCTION

BRIDGE No

B1234

SHEET No

175

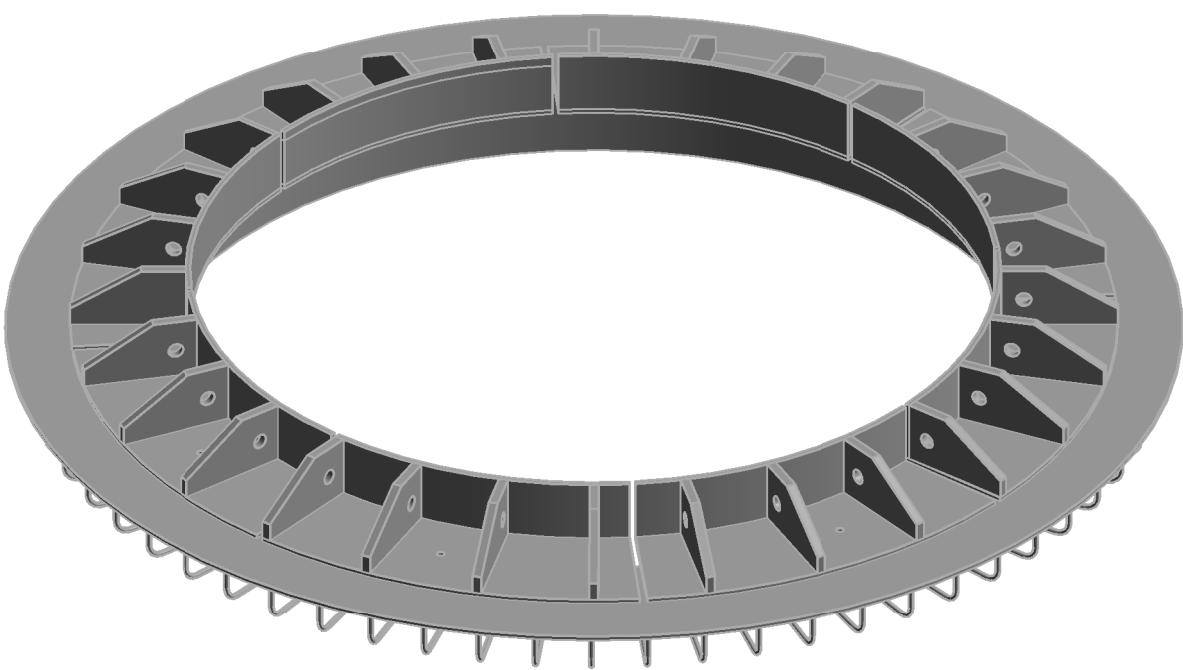
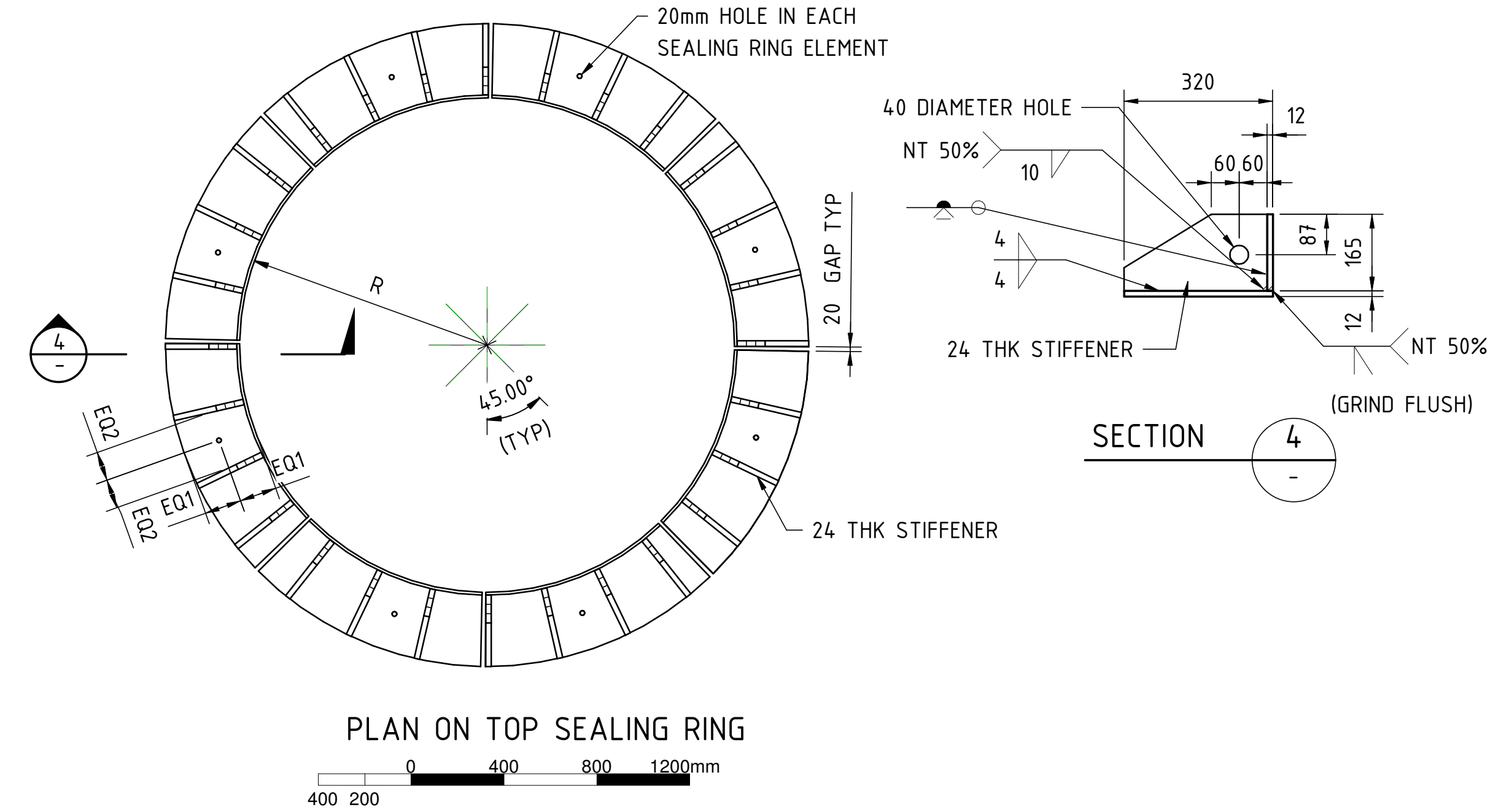
ISSUE

A



	RADIUS R
PIER 2	1066
PIER 3	1066
PIER 4	1066

RADIUS ASSUMES PILE CASING THICKNES IS 16mm



ISOMETRIC VIEW

GENERAL NOTES  
FOR GENERAL NOTES SEE SHEET NO. 175  
STEEL PLATE SHALL BE TO AS 3678, GRADE 350  
THE WELD CATEGORY SHALL BE SP IN ACCORDANCE WITH AS 1554, PART 1, WITH MINIMUM NOMINAL TENSILE STRENGTH OF WELD METAL 430MPa

FOR CONSTRUCTION

EXTERNAL REFERENCE FILES		BR1 / ISSUED FOR CONSTRUCTION		DATUM : MGA / ADH		CONTRACTOR <div>JOHN HOLLAND</div>		NEW BRIDGE			
				PILECAP SHELLS - SHEET B							
				DRAWING SET No BS2019/001228							
				ISSUE STATUS FOR CONSTRUCTION				BRIDGE No. B1234	SHEET No. 176	ISSUE A	
		SCALES ON A1 SIZE DRAWING <div>200 100 0 200 400 600mm</div>									