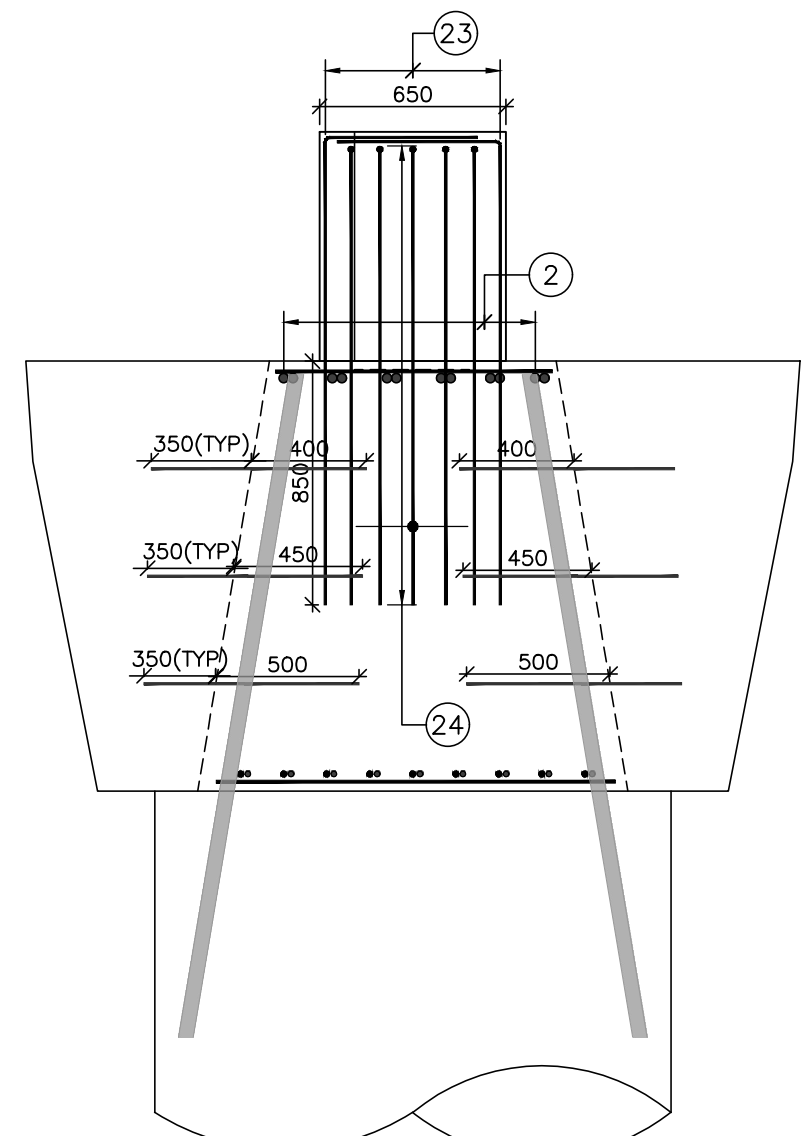
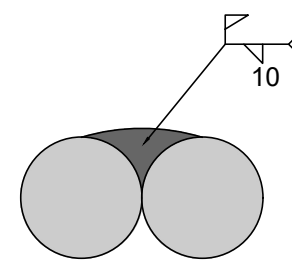


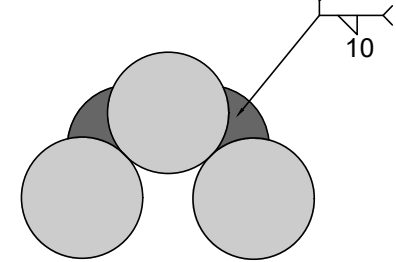
ELEVATION



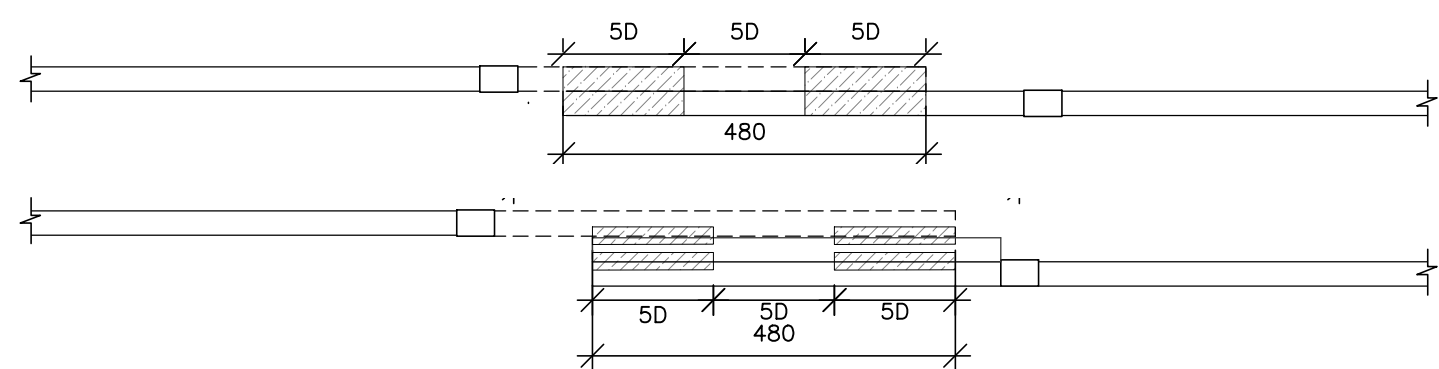
SECTION D-D



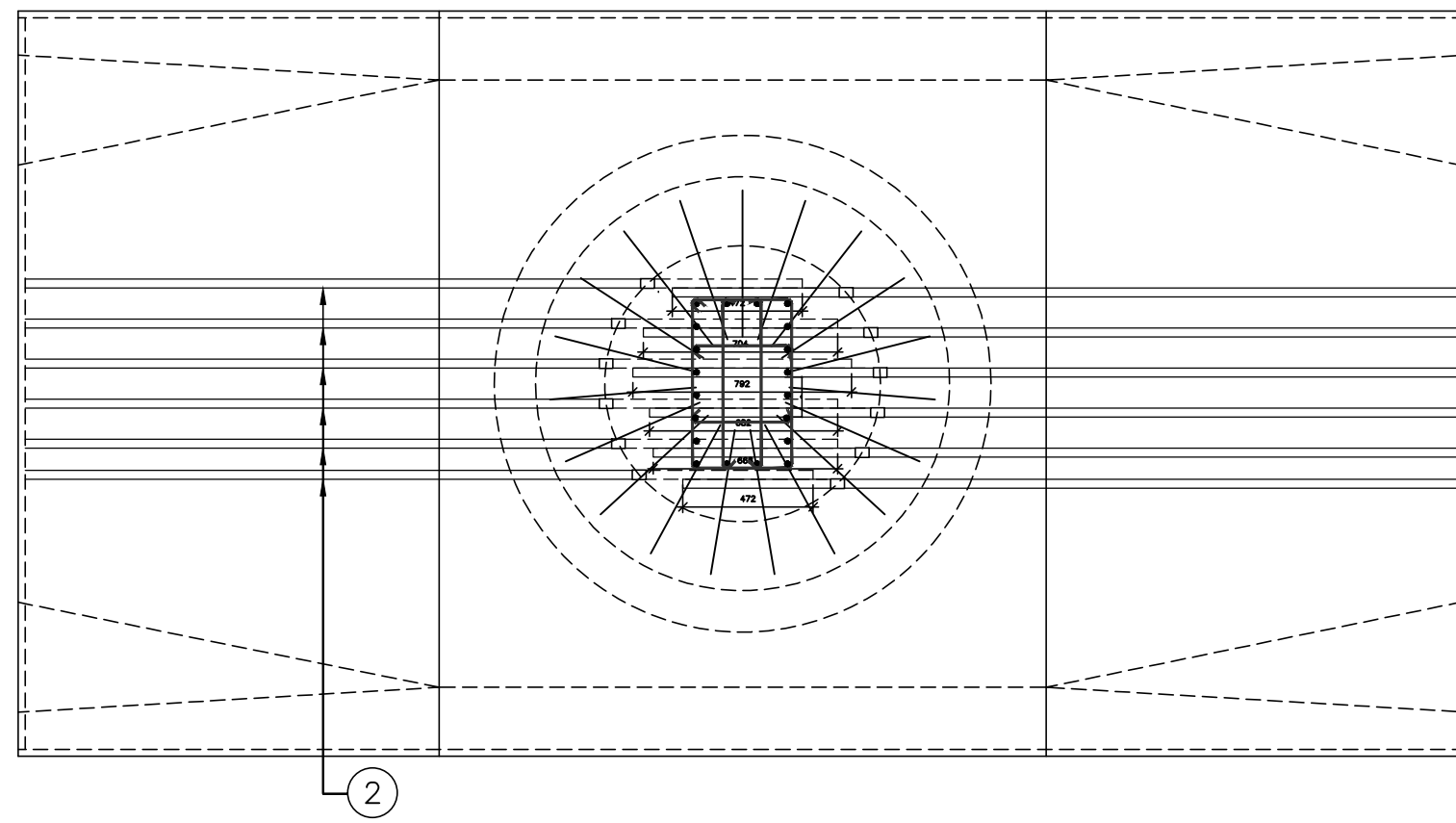
WELDING IF GAP IS NOT FOUND
BETWEEN BARS
OPTION-1



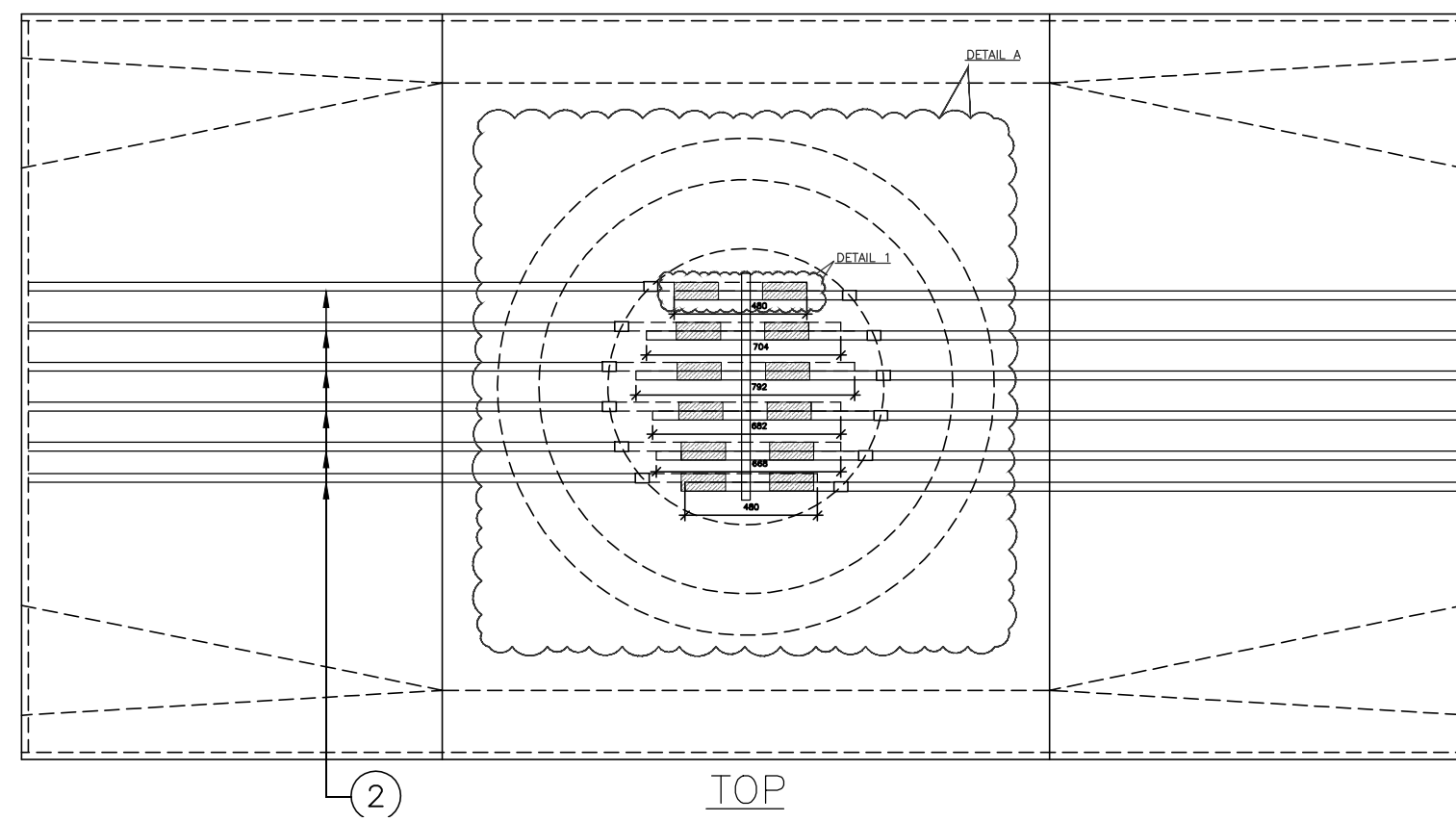
WELDING IF GAP IS FOUND
BETWEEN BARS
OPTION-2



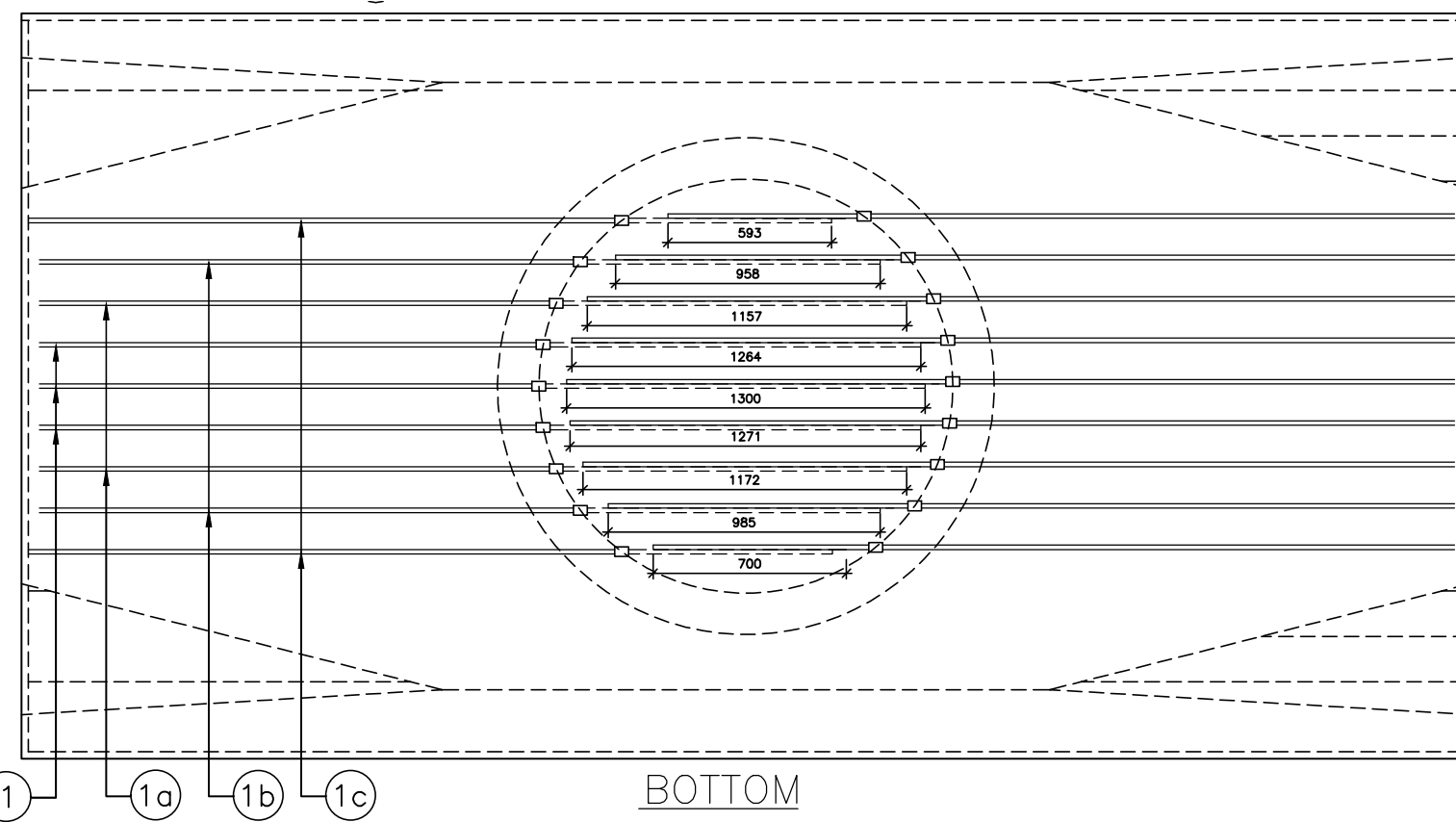
DETAIL 1



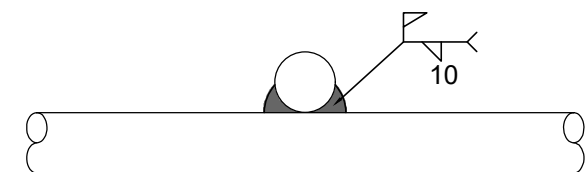
REINFORCEMENT INTERFACE DETAILS OF SHEAR CONNECTORS,
SEISMIC RESTRAINERS & TOP MAIN BARS



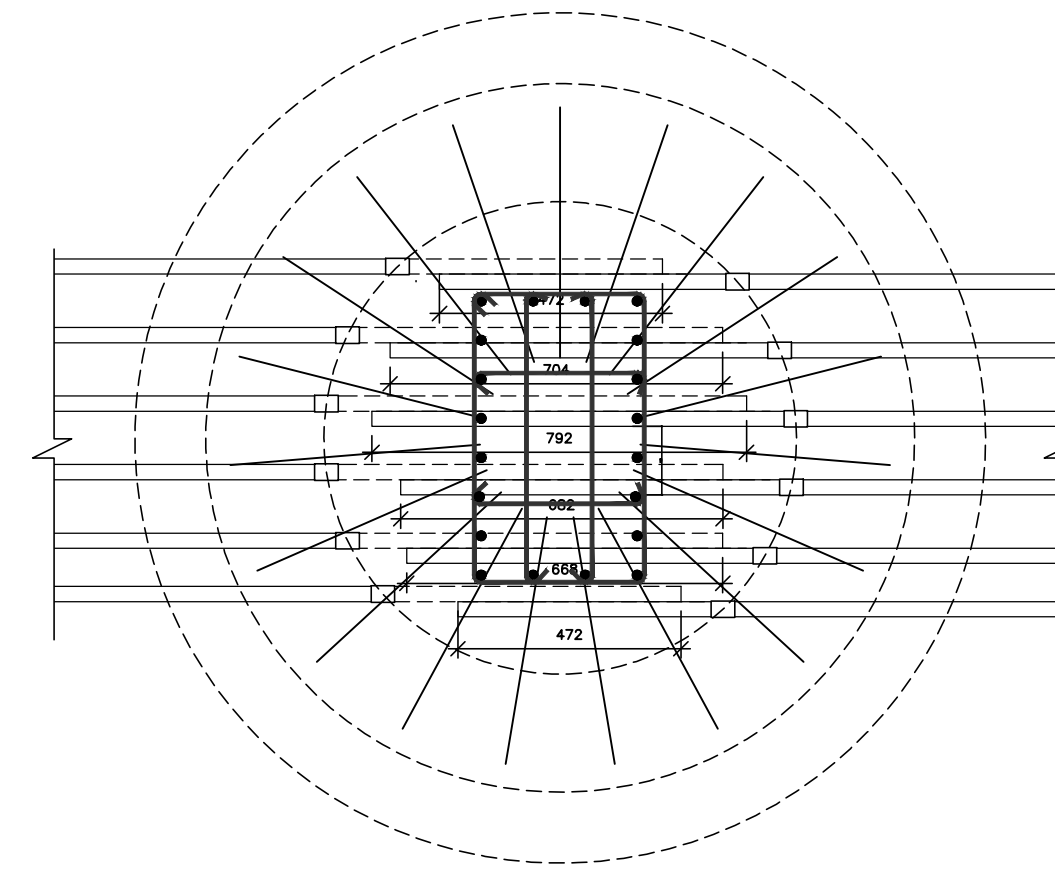
TOP



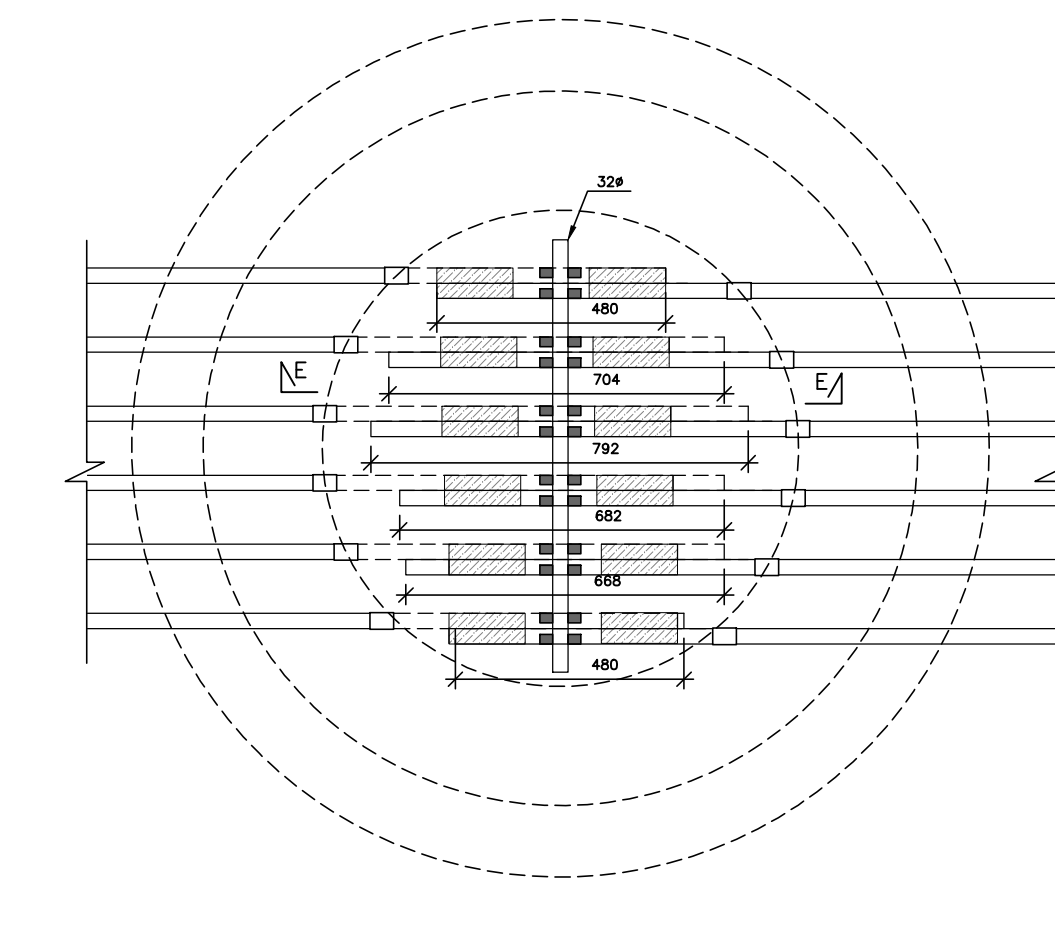
BOTTOM



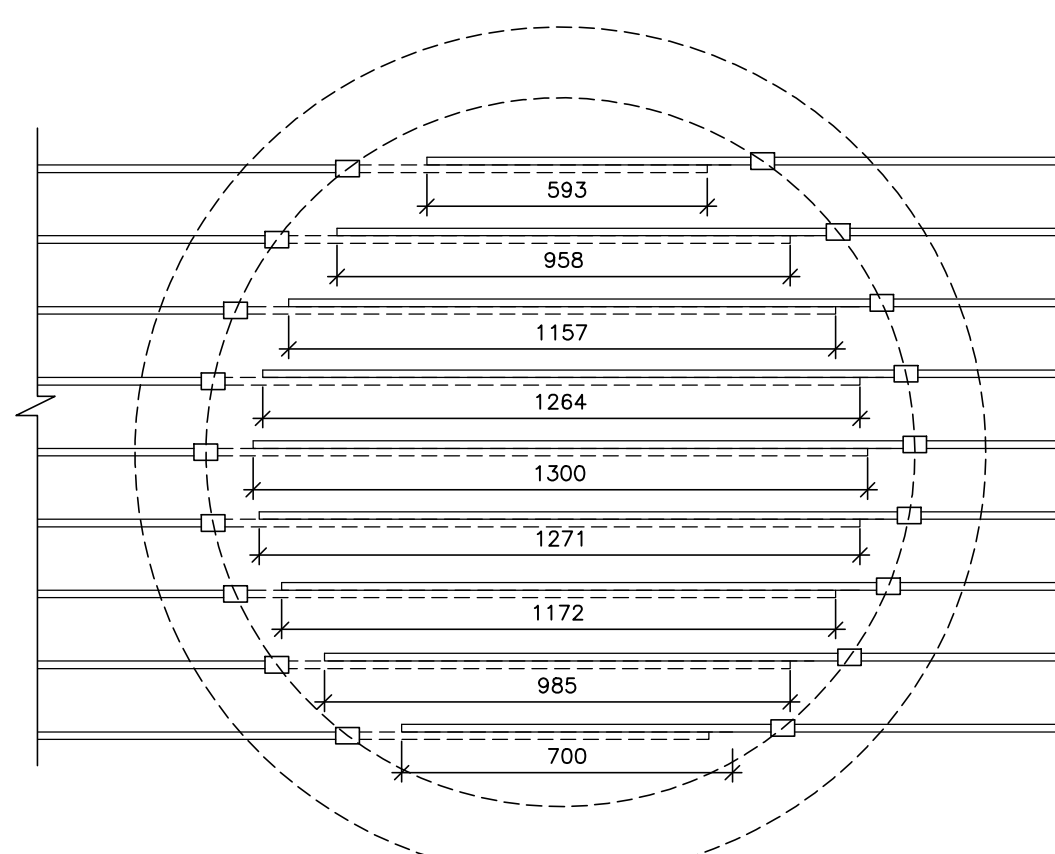
SECTION E-E



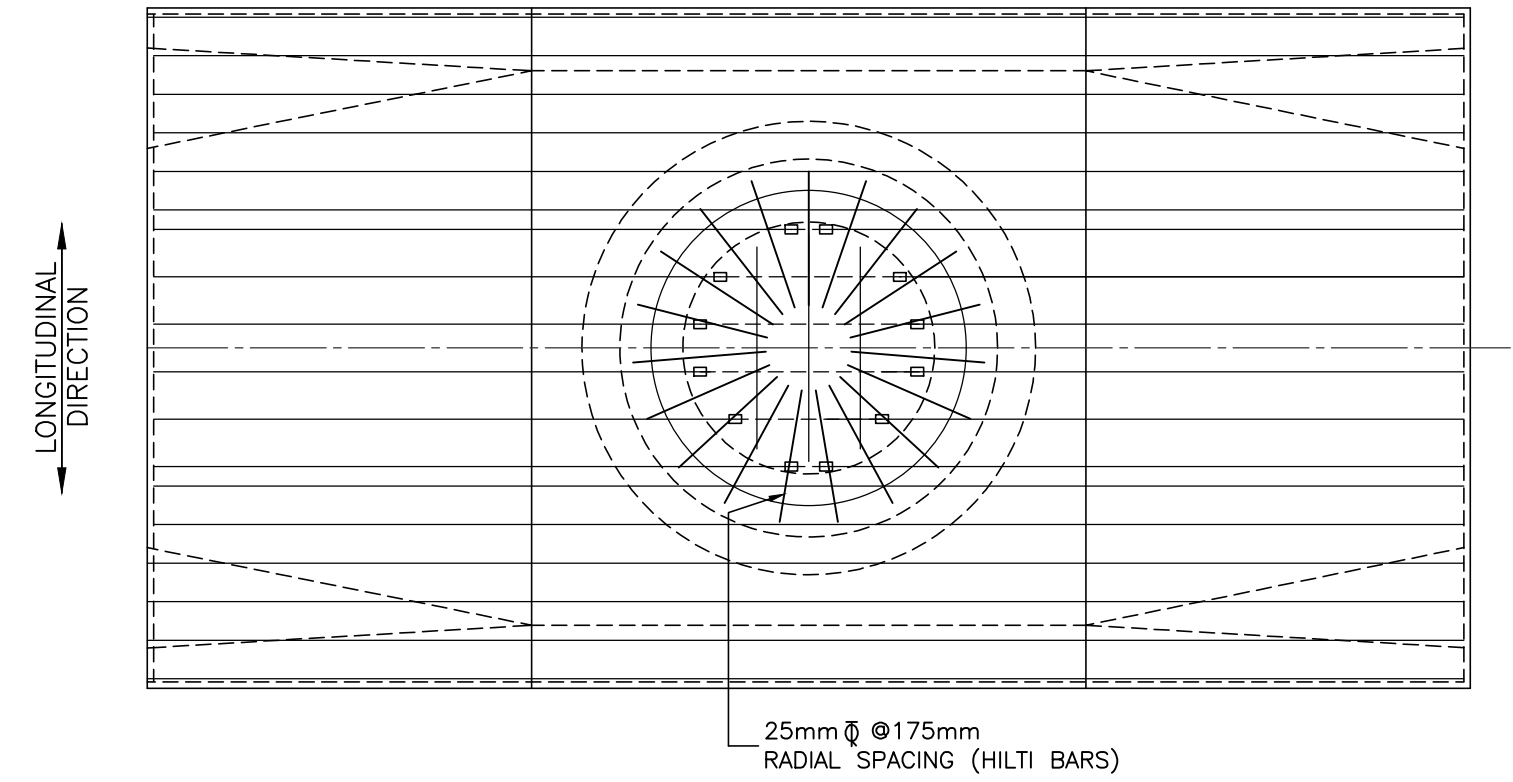
PIER CAP TOP



DETAIL A

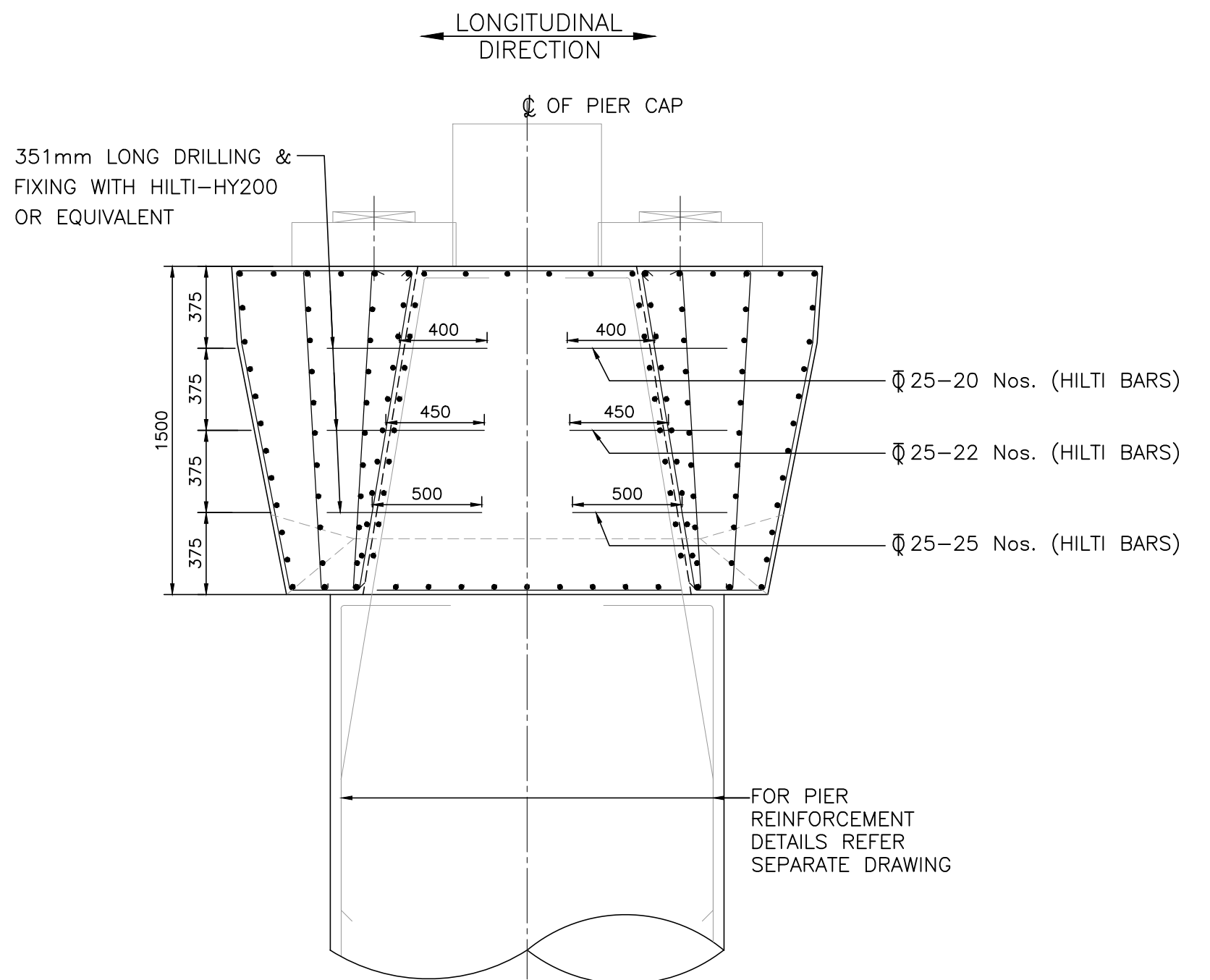


PIER CAP BOTTOM



PLAN

(PEDESTAL & ARRESTER REINF. NOT SHOWN FOR CLARITY)
(SCALE 1:30)



ELEVATION
(SCALE 1:25)

NOTES:

- ALL DIMENSIONS ARE IN MILLIMETERS AND LEVELS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
- DIMENSIONS SHALL NOT BE SCALED FROM THE DRAWING. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
- MATERIAL:
 - CONCRETE
 - PIER CAP : M50
 - CAST-IN-SITU STITCH : M50
 - PEDESTAL : M50
 - SEISMIC ARRESTER : M50
 - REINFORCEMENT
 - PIER CAP : F5000 TMT BARS CONFORMING TO IS:1786-2008
 - CLEAR COVER TO ANY REINFORCEMENT = 50MM.
 - LENGTH OF BARS ARE INDICATIVE AND SHALL BE VERIFIED BY BAR BENDING SCHEDULE.
 - BASIC LAP LENGTH SHALL BE $57 \times \phi$ (ϕ IS DIA. OF BAR).
 - SURFACE OF PIER CAP HOLE SHALL BE ROUGHENED IMMEDIATELY AFTER REMOVAL OF SHUTTERING.
 - NOT MORE THAN 50% OF THE BAR SHALL BE LAPPED AT ANY LOCATION.
 - THE LAP SHALL BE STAGGERED BY A DISTANCE OF 1.3 TIMES LAP LENGTH.
 - IF ANY AMBIGUITY IS FOUND IN DRAWING OR AT SITE REGARDING PIER SHAPE/DIMENSIONS THE SAME SHALL BE BROUGHT TO DESIGNER'S NOTICE BEFORE EXECUTION.
 - NUMBER OF BARS SHALL NOT BE COUNTED, ONLY NUMBER OF BARS AND SPACING PROVIDED IN THE SCHEDULE SHALL BE FOLLOWED.
 - ALL THE MEMBERS MEETING AT A JOINT ARE FILLET WELDED EXCEPT OTHERWISE STATED
 - WELDING SHALL CONFORM TO IS:816 & IS:9595.
 - FILLET WELDS TERMINATING AT THE SIDES OR ENDS OF PARTS SHALL BE RETURNED AROUND CORNERS FOR A DISTANCE OF NOT LESS THAN 25mm.

THIS DRAWING IS APPLICABLE ONLY FOR PIER CAPS CASTED WITHOUT BAR MARK (18)

GOOD FOR CONSTRUCTION

NOTES :				LEGEND :				REFERENCE DRAWINGS :				REFERENCE DOCUMENTS :				KEY PLAN				STATION BOX KEY PLAN			
								Q22077-BSRP-CR2-C-VD-GEN-20-1291				DOC-BSRP-CR2-EV-DGN-20-1171											
																EMPLOYER :				PROJECT :			
																RAIL INFRASTRUCTURE DEVELOPMENT COMPANY (KARNATAKA) LIMITED				BENGALURU SUBURBAN RAILWAY PROJECT (BSRP)			
																GENERAL CONSULTANTS :				K-RIDE CORRIDOR - 2			
																AECOM @ egis wsp AECOM-EGIS-WSP				DRAWING TITLE :			
																				ADDITIONAL REBAR DETAILS FOR SINGLE TRACK PRECAST RCC PIER CAP (U-GIRDER 31m-31m STANDARD SPAN)			
																				DRAWING NO. :			
																				Q22077-BSRP-CR2-C-VD-GEN-30-1292 (SHEET 2 OF 2)			
																				REVISION			
																				1			
																				C			
																				SCALE : AS SHOWN			
																				DATE : 15/11/2024			
																				PRELIMINARY DWG (P), DEFINITIVE DWG (D), CONSTRUCTION DWG (C), AS BUILT DWG (S), SHOP DWG (S), MANUFACTURED DWG (M) SHEET SIZE - A1			