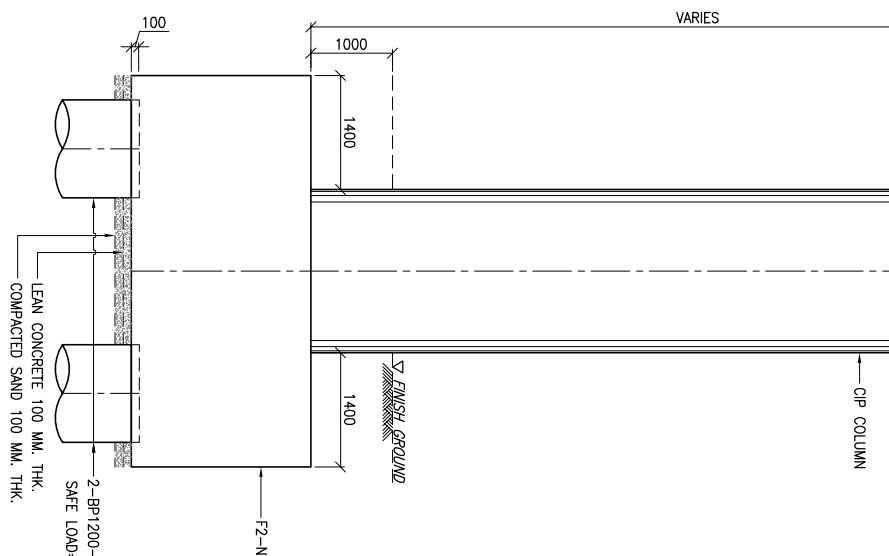
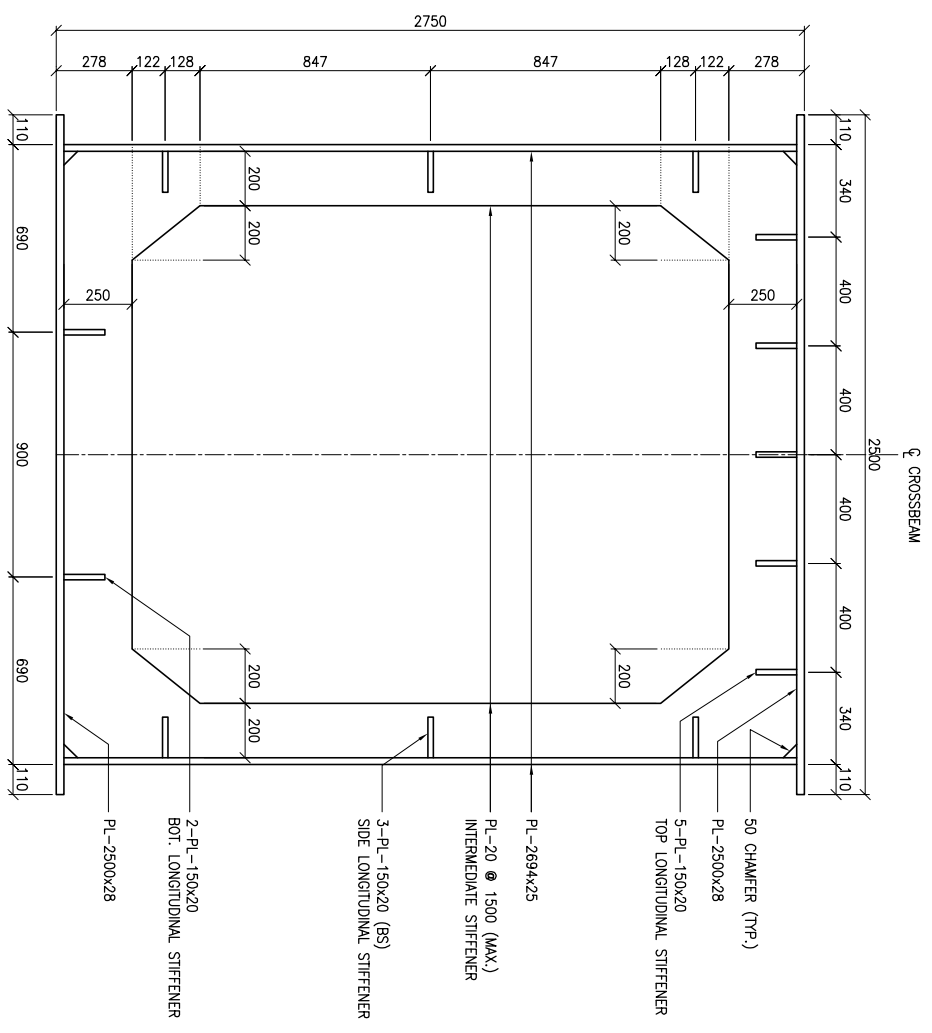
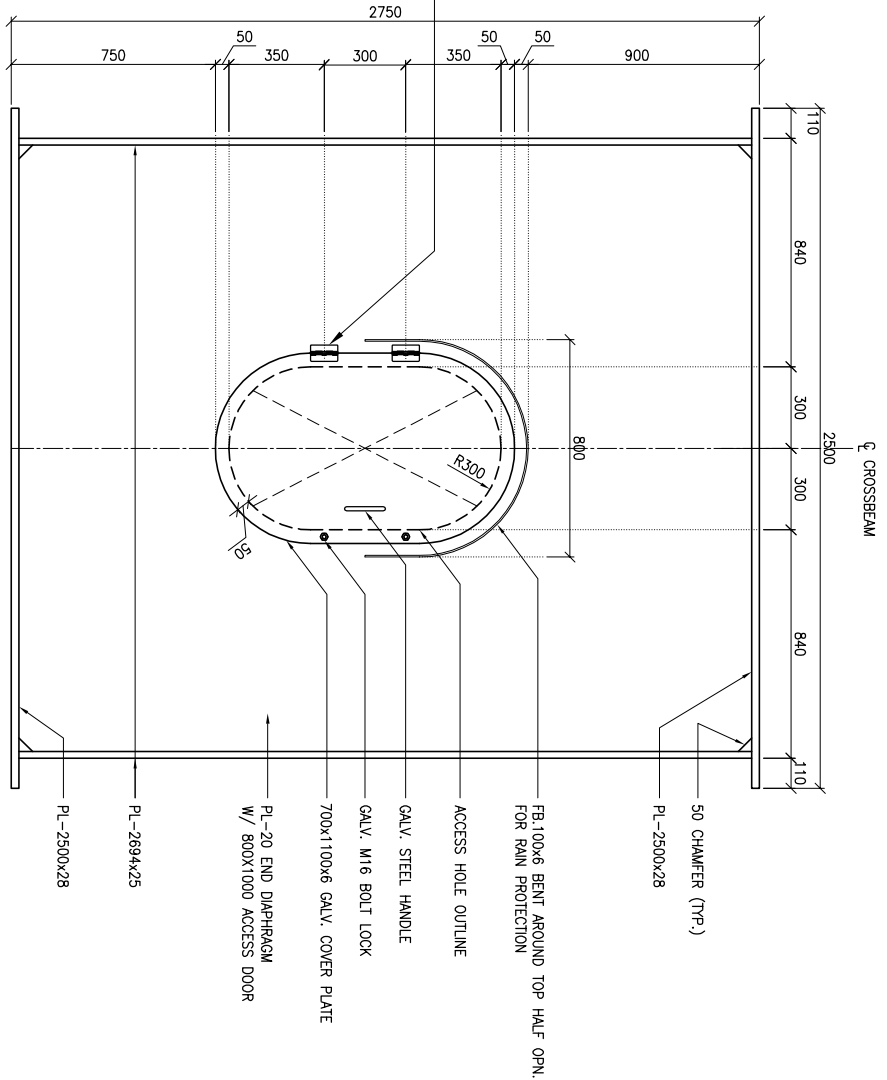
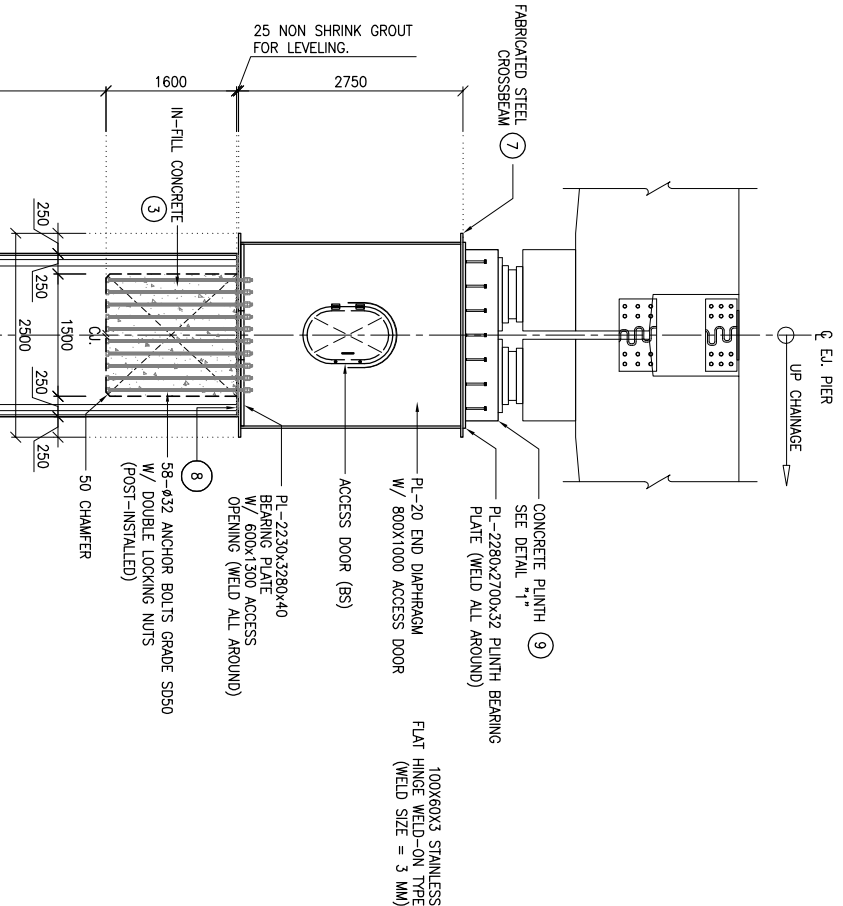


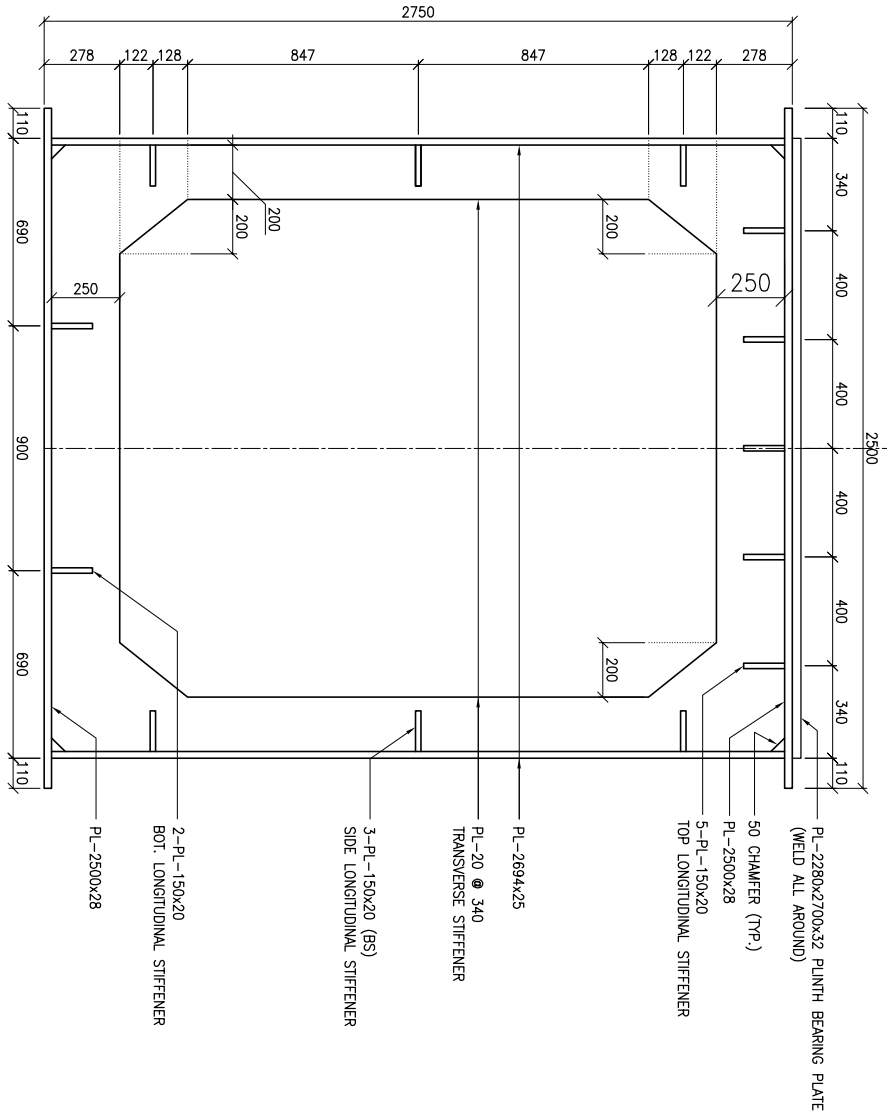


SIDE ELEVATION

SCALE A1=1:50 A3=1:100

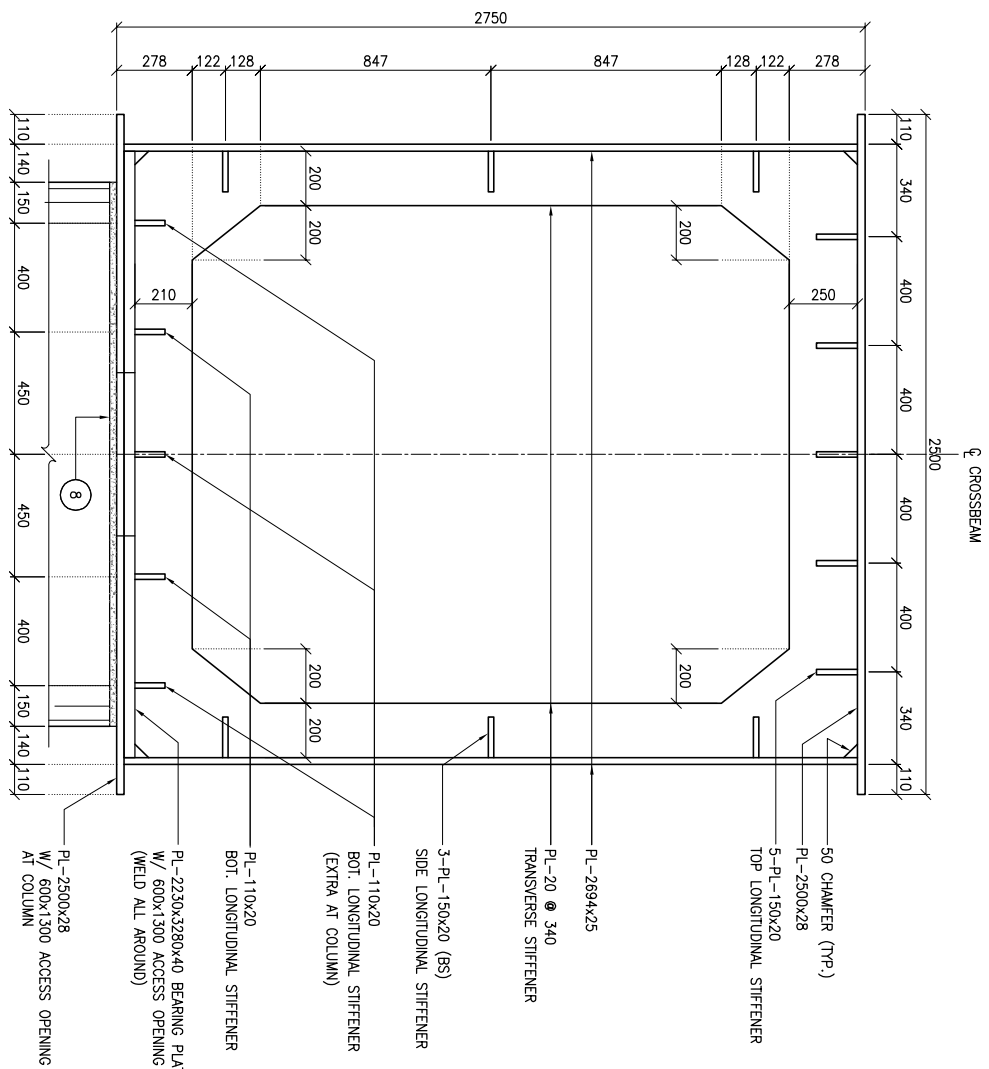
SECTION C

SCALE A1=1:15 A3=1:30

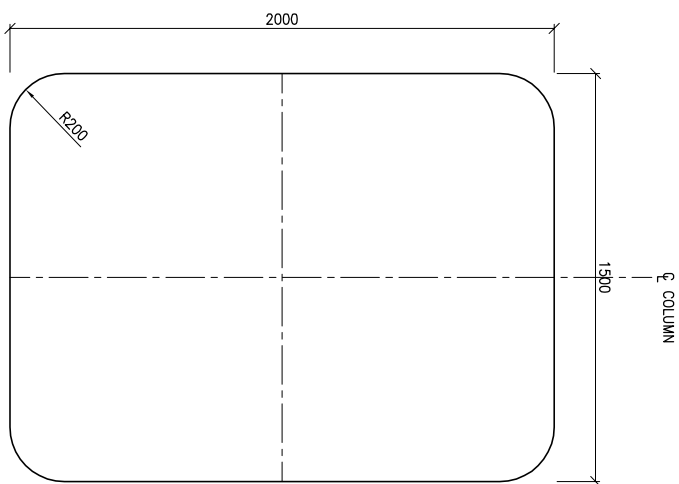


NOTES:

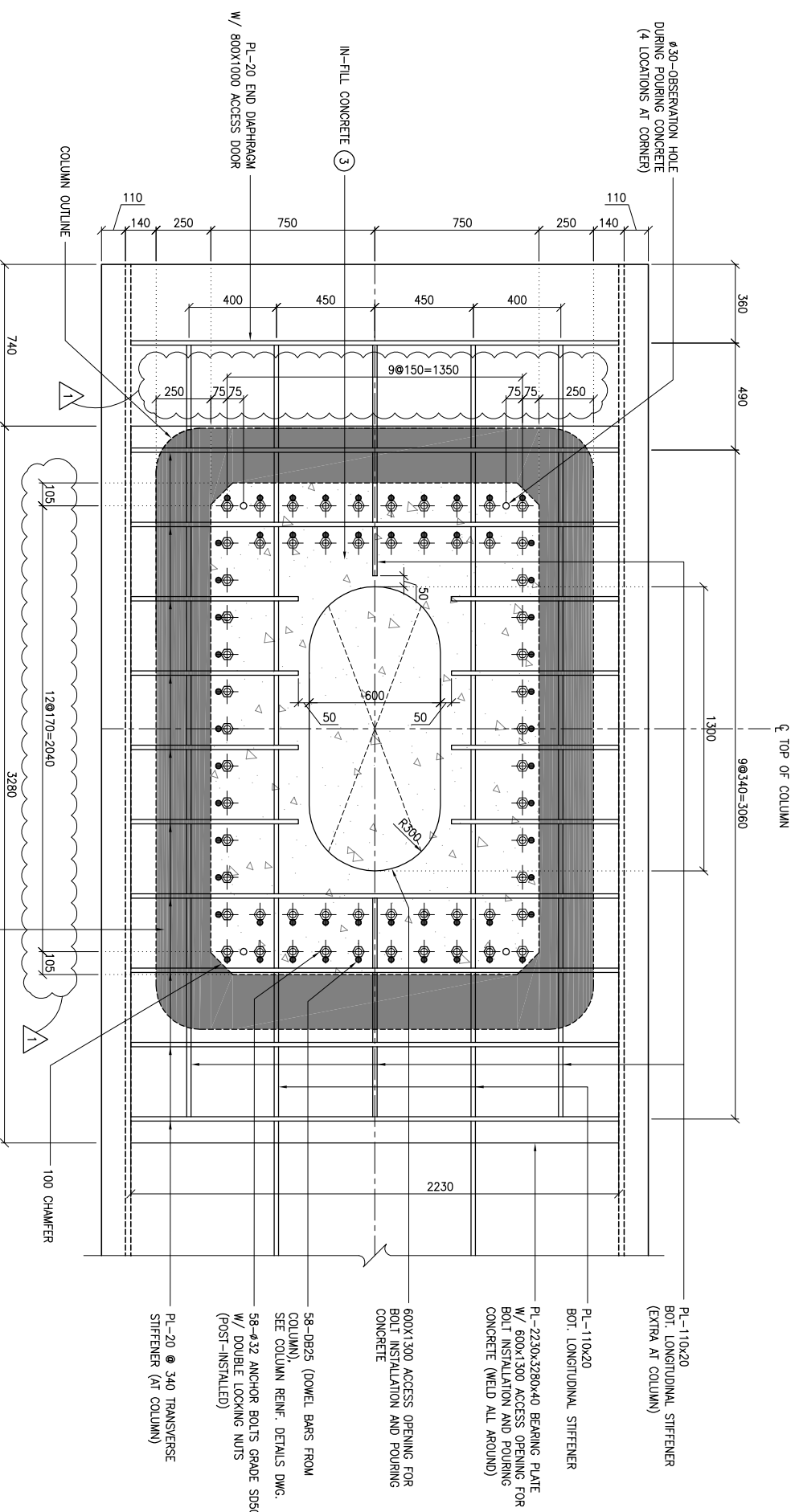
1. ALL DIMENSIONS SHOWN ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
2. CYLINDRICAL COMPRESSIVE STRENGTH OF CONCRETE AT 28 DAYS FOR CIP COLUMN NOT BE LESS THAN 40 MPa. FOR FOOTING NOT BE LESS THAN 35 MPa. FOR LEAN CONCRETE NOT BE LESS THAN 15 MPa.
3. COLUMN BLOCK OUT SHALL BE FILLED UP WITH HIGH-FLOW NON-SHRINKAGE CONCRETE GRADE 45 OR HIGHER AFTER INSTALL ANCHOR BOLTS.
4. CONCRETE COVERING FOR CIP COLUMN IS 50 MM.
5. ALL STRUCTURAL STEEL SHAPES SHALL BE HIGH STRENGTH LOW ALLOY STEEL, ASTM A572 GRADE 50 OR SA590YA OR EQUIVALENT.
6. ALL WELDING REQUIREMENTS ARE IN ACCORDANCE WITH THE AMERICAN WELDING SOCIETY (AWS CODE).
7. WELDING ELECTRODE GRADE E70 OR EQUIVALENT SHALL BE USED.
8. APPLICATION OF COATING STRUCTURAL STEEL FOR CORROSION PROTECTION OF ALL STEEL MEMBERS AND ACCESSORIES SHALL CONFORM TO THE SPECIFICATIONS OF STEEL GUIDEWAY BEAM STRUCTURE.
9. 25 MM HIGH STRENGTH NON SHRINK GROUT FOR LEVELING.
10. CONCRETE PLINTH SHALL BE NON-SHRINKAGE CONCRETE GRADE 45 OR HIGHER.
11. CONSTRUCTION JOINT (C.J.) SHALL BE ROUGHENED WITH AN AMPLITUDE OF 6 MM.



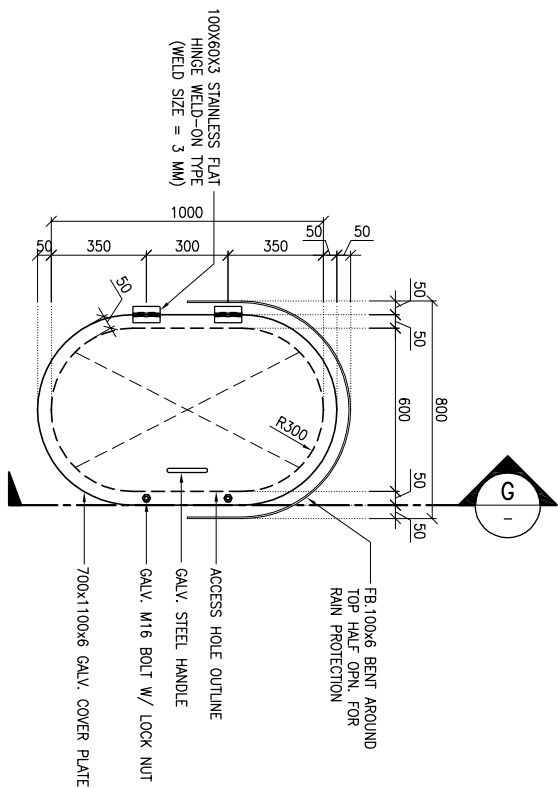
SECTION D
SCALE A1=1:15
A3=1:30



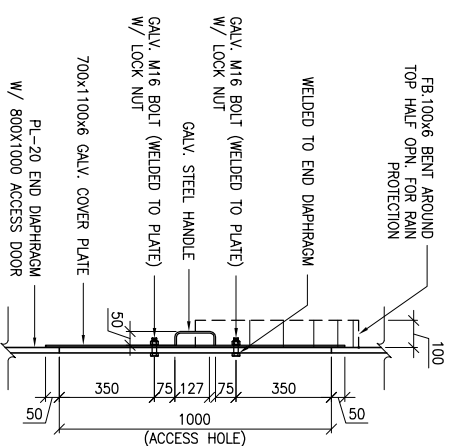
SECTION F
SCALE A1=1:15
A3=1:30



SECTION E
SCALE A1=1:15
A3=1:30

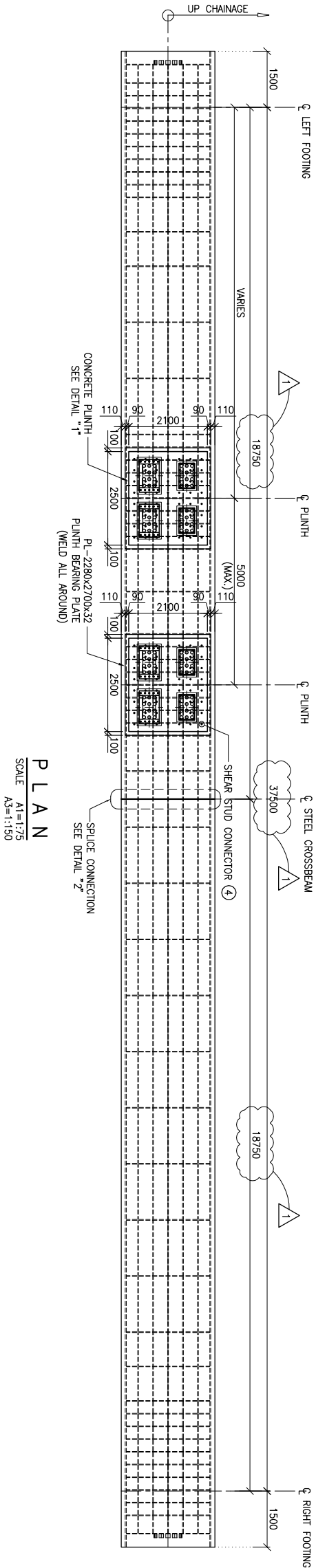
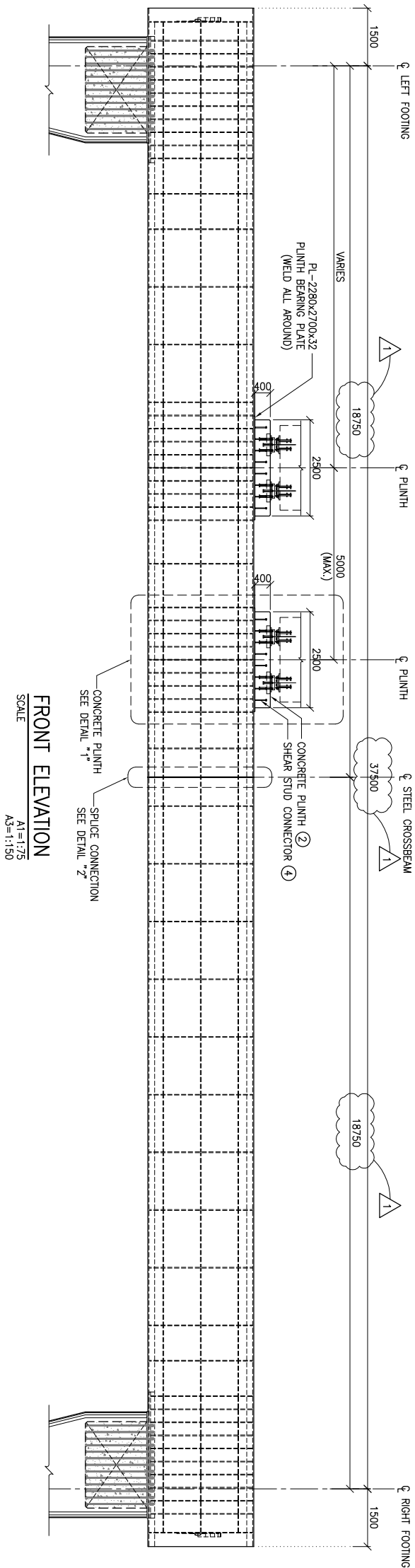


ACCESS DOOR DETAILS
SCALE A1=1:15
A3=1:30

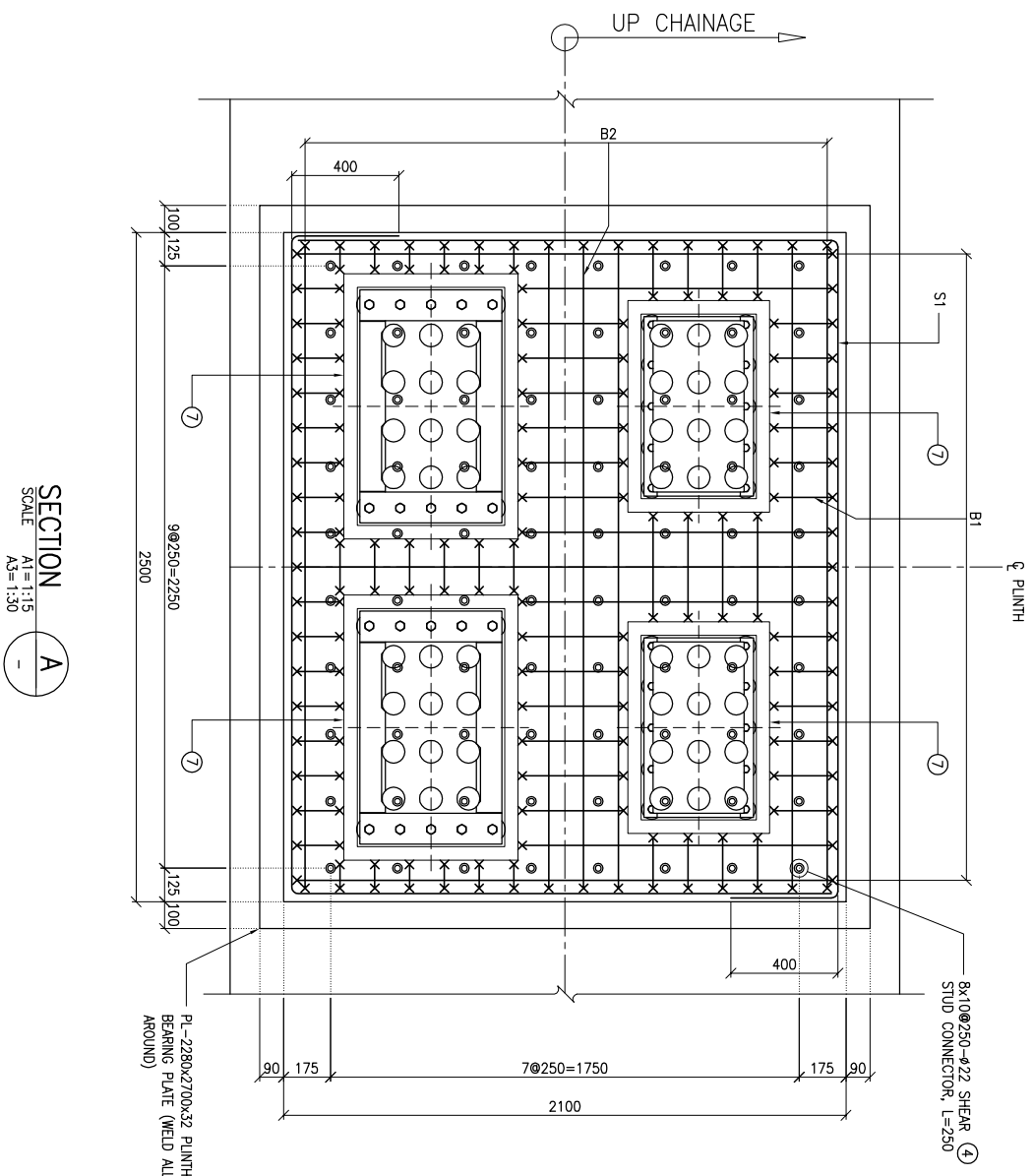
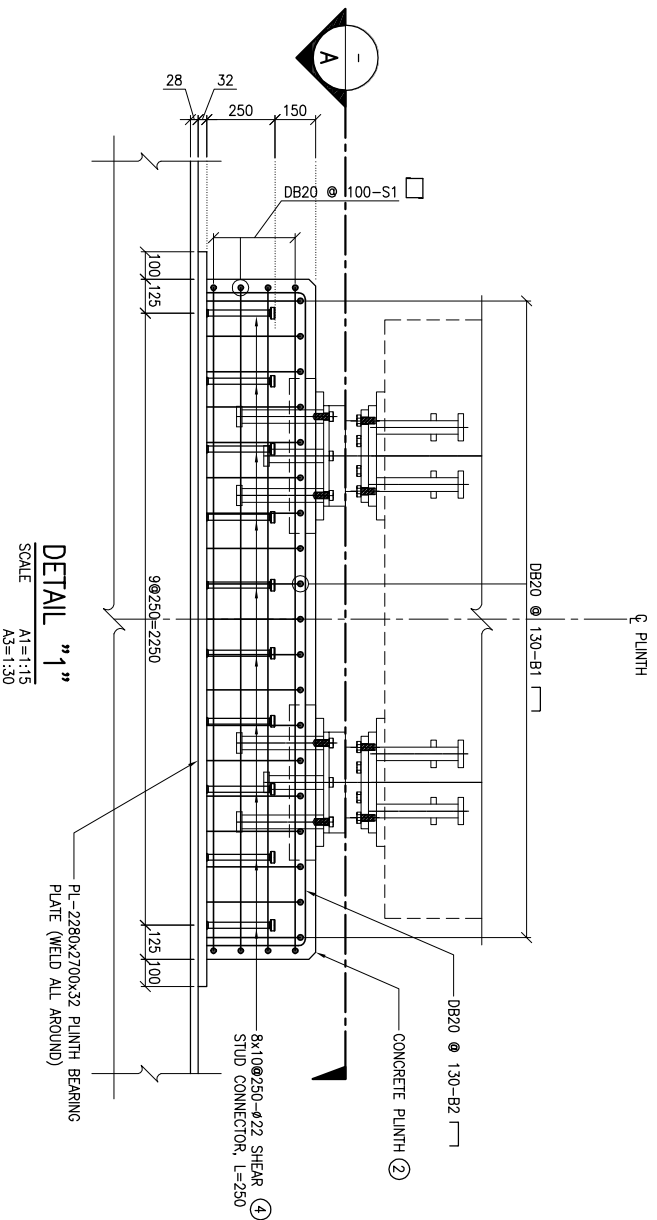


SECTION G
SCALE A1=1:15
A3=1:30

- NOTES:
1. ALL DIMENSIONS SHOWN ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
 2. CIRCULAR COMPRESSIVE STRENGTH OF CONCRETE AT 28 DAYS FOR CIP COLUMN NOT BE LESS THAN 40 MPa. FOR FOOTING NOT BE LESS THAN 35 MPa. FOR LEAN CONCRETE NOT BE LESS THAN 15 MPa.
 3. COLUMN BLOCK OUT SHALL BE FILLED UP WITH HIGH-FLOW NON-SHRINKAGE CONCRETE GRADE 45 OR HIGHER AFTER INSTALL ANCHOR BOLTS.
 4. CONCRETE COVERING FOR CIP COLUMN IS 50 MM.
 5. ALL STRUCTURAL STEEL SHAPES SHALL BE HIGH STRENGTH LOW ALLOY STEEL, ASTM A572 GRADE 50 OR S490YA OR EQUIVALENT.
 6. ALL WELDING REQUIREMENTS ARE IN ACCORDANCE WITH THE AMERICAN WELDING SOCIETY (AWS CODE).
 7. APPLICATION OF COATING STRUCTURAL STEEL FOR CORROSION PROTECTION OF ALL STEEL MEMBERS AND ACCESSORIES SHALL CONFORM TO THE SPECIFICATIONS OF STEEL GUIDEWAY BEAM STRUCTURE.
 8. 25 MM HIGH STRENGTH NON-SHRINK GROUT FOR LEVELING.
 9. CONCRETE PLINTH SHALL BE NON-SHRINKAGE CONCRETE GRADE 45 OR HIGHER.
 10. CONSTRUCTION JOINT (CJ) SHALL BE ROUGHENED WITH AN AMPLITUDE OF 6 MM.

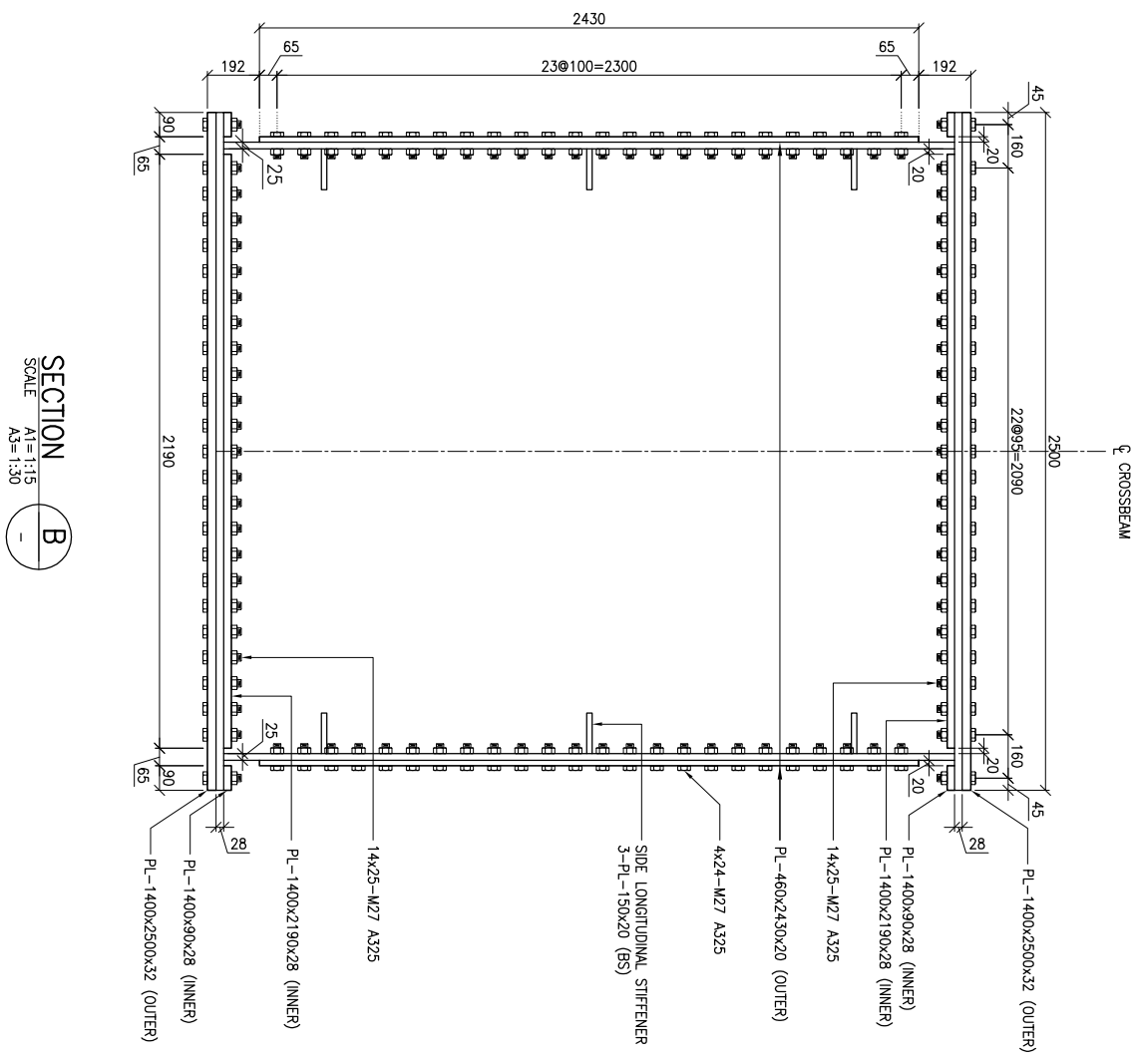
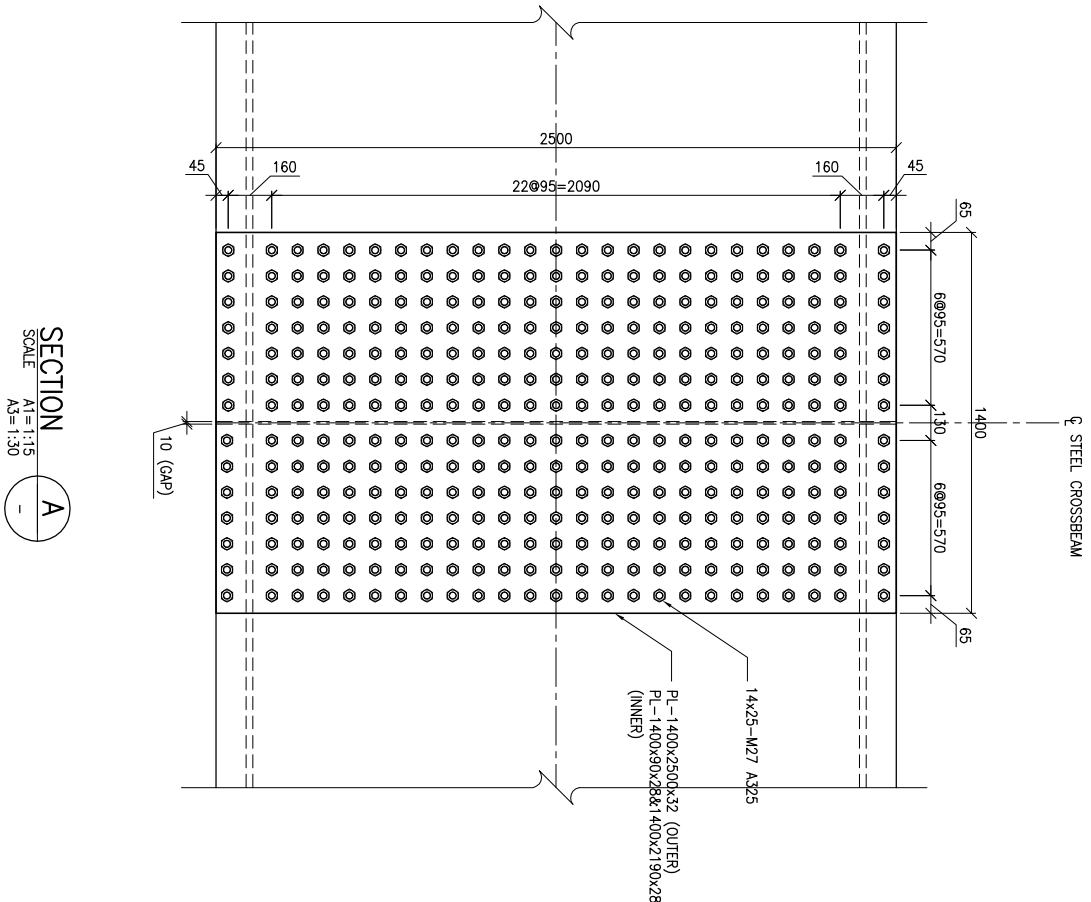
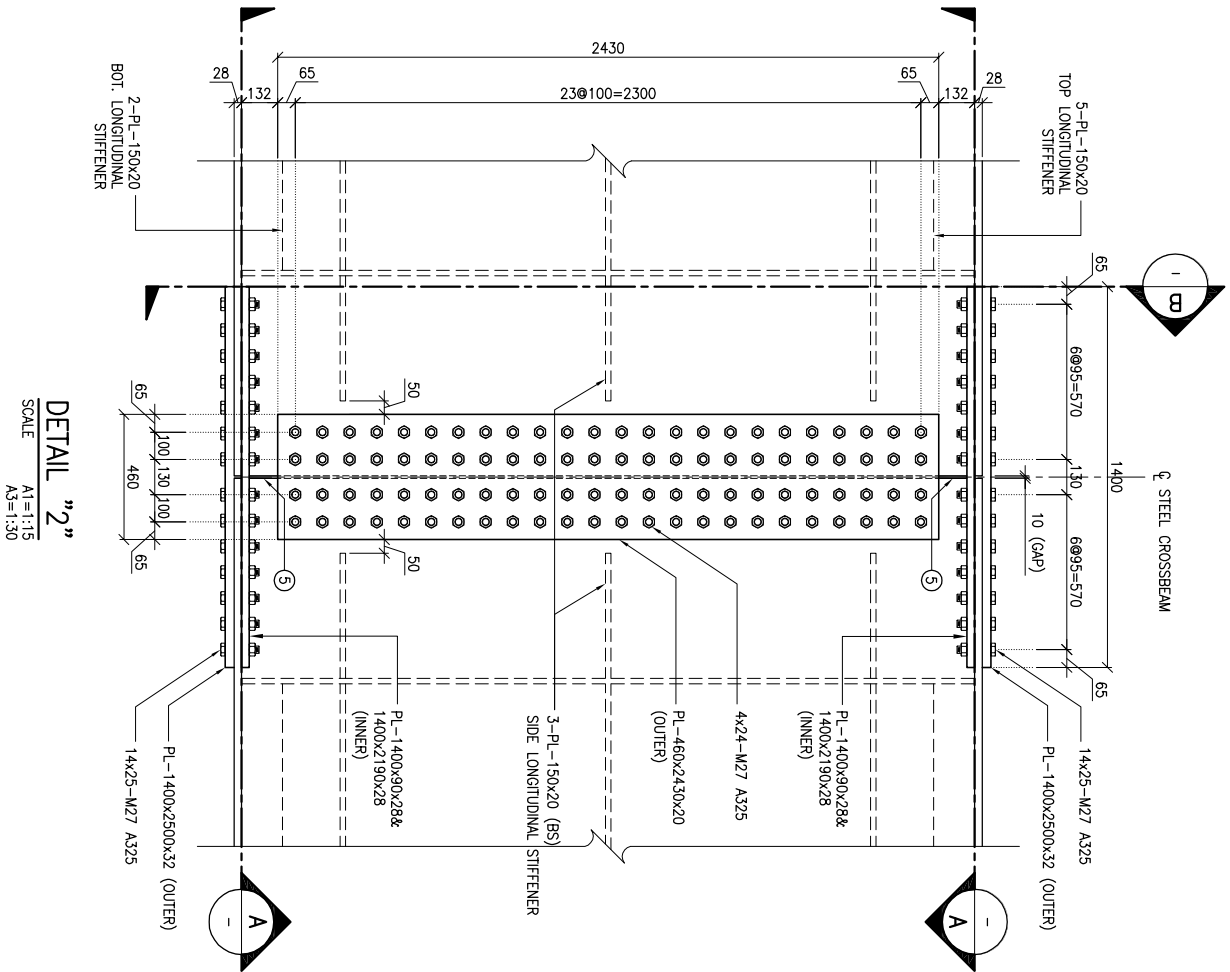


- NOTES:
1. ALL DIMENSIONS SHOWN ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
 2. CONCRETE PUNTH SHALL BE NON-SHRINKAGE CONCRETE GRADE 45 OR HIGHER.
 3. ALL STRUCTURAL STEEL SHAPES SHALL BE HIGH STRENGTH LOW ALLOY STEEL, ASTM A572 GRADE 50 OR SA490A OR EQUIVALENT.
 4. SHEAR STUD CONNECTORS SHALL CONFORM TO ASTM A108 WITH MINIMUM YIELD AND TENSILE STRENGTH OF 345 MPa AND 415 MPa, RESPECTIVELY. LOCATION OF STUD CAN BE RELOCATED IN CASE OF OBSTRUCTION.
 5. ALL WELDING REQUIREMENTS ARE IN ACCORDANCE WITH THE AMERICAN WELDING SOCIETY (AWS CODE), WELDING ELECTRODE GRADE E70 OR EQUIVALENT SHALL BE USED.
 6. APPLICATION OF COATING STRUCTURAL STEEL FOR CORROSION PROTECTION OF ALL STEEL MEMBERS AND ACCESSORIES SHALL CONFORM TO THE SPECIFICATIONS OF STEEL GUIDEWAY BEAM STRUCTURE.



NOTES:

1. ALL CONCRETE CORNER SHALL BE 25 MM. CHAMFER.
2. CONCRETE PLINTH SHALL BE NON-SHRINKAGE CONCRETE GRADE 45 OR HIGHER.
3. ALL STRUCTURAL STEEL SHAPES SHALL BE HIGH STRENGTH LOW ALLOY STEEL, ASTM A572 GRADE 50 OR SM490YA OR EQUIVALENT.
4. SHEAR STUD CONNECTORS SHALL CONFORM TO ASTM A108 WITH MINIMUM YIELD AND TENSILE STRENGTH OF 345 MPa AND 415 MPa, RESPECTIVELY. THE LOCATION OF STUD CAN BE RELOCATED IN CASE OF OBSTRUCTION.
5. ALL WELDING REQUIREMENTS ARE IN ACCORDANCE WITH THE AMERICAN WELDING SOCIETY (AWS CODE). WELDING ELECTRODE GRADE E70 OR EQUIVALENT SHALL BE USED.
6. APPLICATION OF COATING STRUCTURAL STEEL FOR CORROSION PROTECTION OF ALL STEEL MEMBERS AND ACCESSORIES SHALL CONFORM TO THE SPECIFICATIONS OF STEEL GUIDEWAY BEAM STRUCTURE.
7. ADDITIONAL BEARING SUPPORT REBAR ARE NOT SHOWN AND SHALL BE PROVIDE BY OTHER.



- NOTES:
1. ALL DIMENSIONS SHOWN ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
 2. ALL STRUCTURAL STEEL SHAPES SHALL BE HIGH STRENGTH LOW ALLOY STEEL, ASTM A572 GRADE 50 OR SM490YA OR EQUIVALENT.
 3. ALL WELDING REQUIREMENTS ARE IN ACCORDANCE WITH THE AMERICAN WELDING SOCIETY (AWS CODE). WELDING ELECTRODE GRADE E70 OR EQUIVALENT SHALL BE USED.
 4. APPLICATION OF COATING STRUCTURAL STEEL FOR CORROSION PROTECTION OF ALL STEEL MEMBERS AND ACCESSORIES SHALL CONFORM TO THE SPECIFICATIONS OF STEEL GUIDEWAY BEAM STRUCTURE.
- ⑤ GAP AT WEB SPLICE SHALL BE FILL UP WITH EPOXY FOR WATERPROOFING.