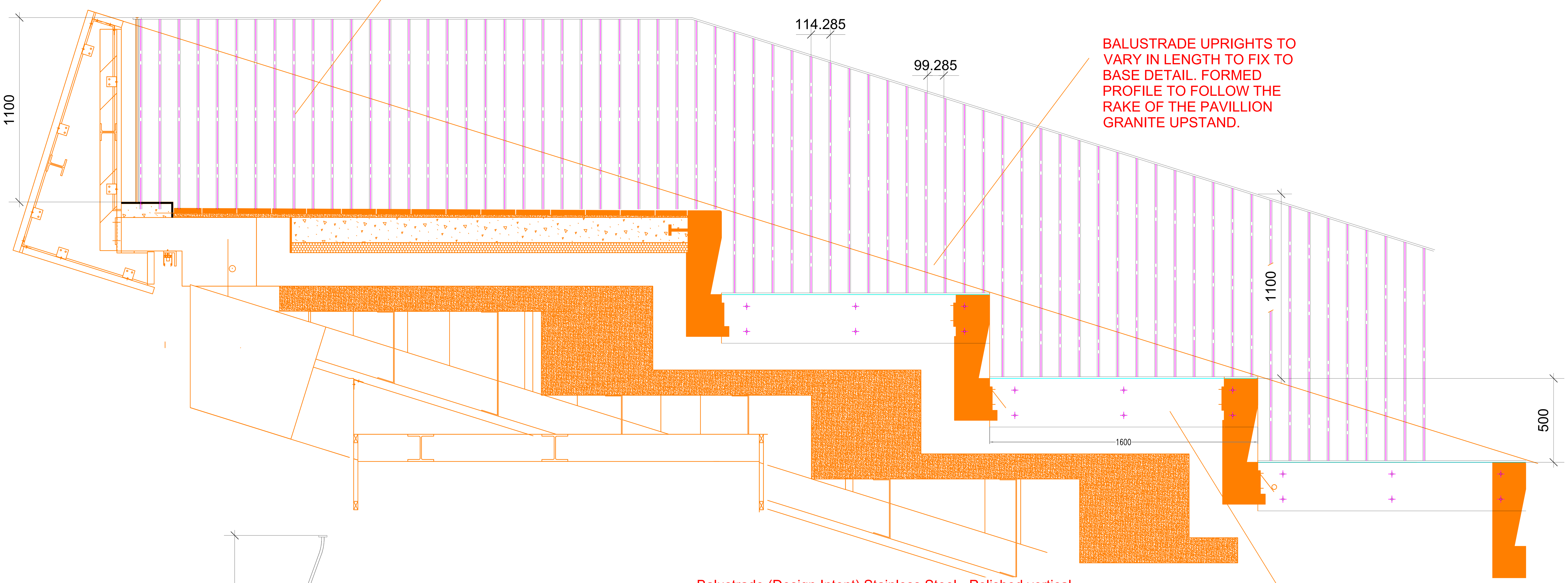
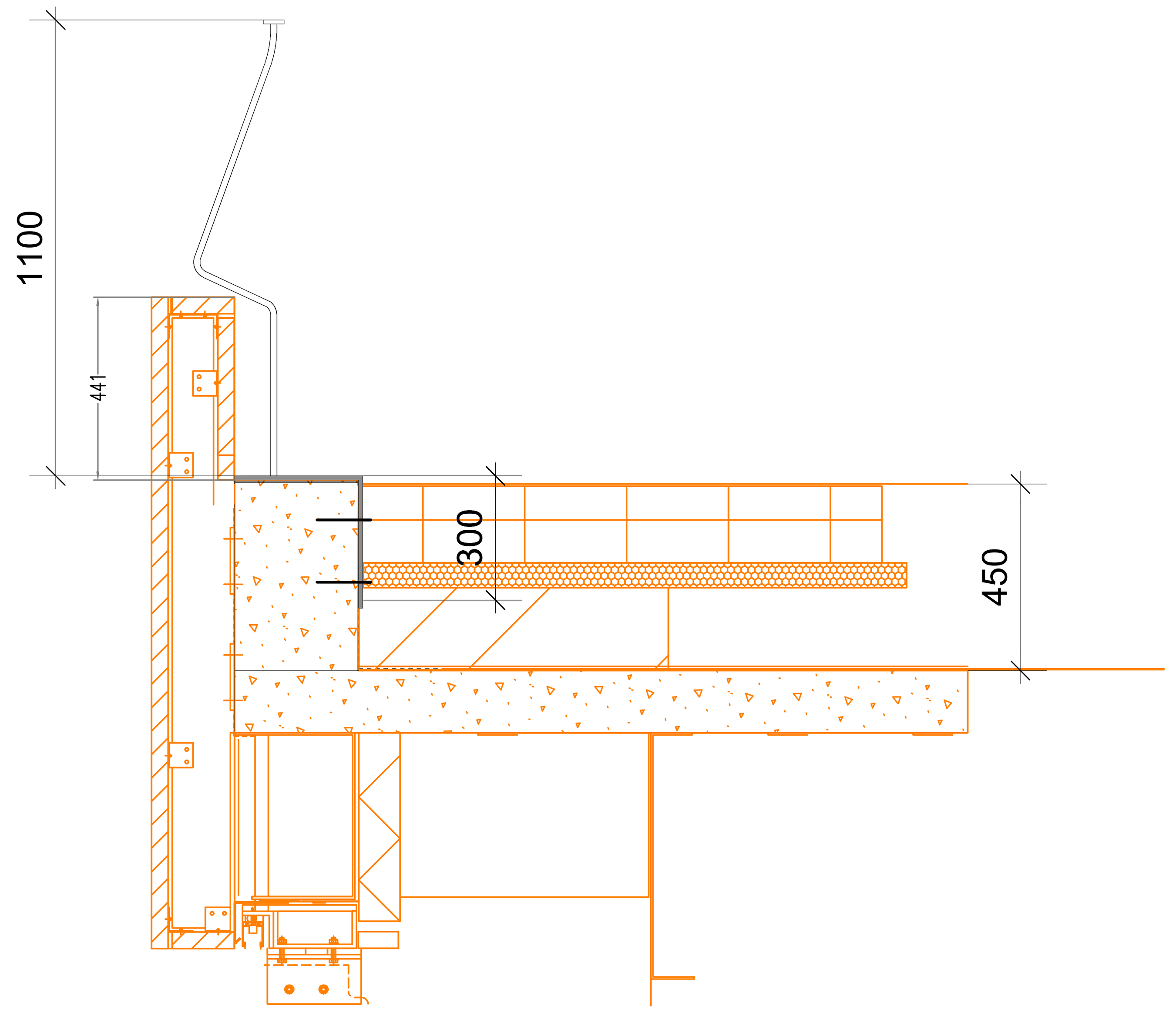
DO BALUSTRADE UPRIGHTS BECOME STRAIGHT HERE TO AVOID CLASHING WITH THE RAKED PAVILLION UPSTAND?

BALUSTRADE UPRIGHTS TO VARY IN LENGTH TO FIX TO BASE DETAIL. FORMED PROFILE TO FOLLOW THE RAKE OF THE PAVILLION GRANITE UPSTAND.





Balustrade (Design Intent) Stainless Steel - Polished vertical posts. 15x15mm thick bar. 100mm centres
Minimum 1100mm height.

Fixing detail of the balustrade and coping - TBC with Engineer and Specialists. -

Curved profile to balustrade verticals as shown. 50x10mm flat top rail welded to posts. To be produced in Panels. Curved profile to match raking facade of pavilion.

Balustrade loading should be min 1.5kn/m run to top of balustrade, 1.5kN/m2 on infill and 1.5kN point load on infill as per Class C5 (ix) from BS EN 1991-1-1:2002 Table NA.8 as indicated within Curtin's structural design philosophy - TBC with Engineer

ENGINEER TO CHECK ON SUITABILITY OF THIS FIXING DETAIL TO CONFIRM LOADINGS.
FASTRACK HAVE NOT INCLUDED FOR A PROFILED ANGLE TO FOLLOW THE FULL EXTENT OF BALUSTRADE AT THIS STAGE. RFI REVIEW.

IF IN DOUBT ASK
DO NOT ASSUME

All dimensions are millimeters unless stated otherwise. Tolerance of ±2mm.

CE

Fastrack Engineering Limited are working to CE Execution class 2. Therefore all materials, fixings & manufacturing processes must comply with the following procedures and specifications.

Material Specifications

Steel sections and plates – BS EN 10025–1
Hollow sections – BS EN 10210–1 or BS EN 10219–1
Pre–loadable bolts – BS EN 14399–1
Non–pre–loadable bolts – BS EN 15048–1
Galvanising – BS EN 1461
Welding Consumables – BS EN 14341

All material supplied should be to a minimum grade of S275JR unless otherwise stated.

All material should be supplied with a Mill Certificate (3.1 Type) to BS EN 10024

Welding Procedure Specifications

Fastrack WPS Code	Type of Weld	Applicable
FEL/CS/F1/F2	Fillet	Yes
FEL/CS/A1	Butt Weld	Yes
FEL/CS/F3	Tube to Plate Fillet	Yes

All welds are to be 6mm leg length fillet welds unless otherwise stated.

Fabrication Inspection Record

Item	Fabricated by	Date	Inspected by	Date

Final Inspection by :

FINISH

STAINLESS STEEL - BRUSHED FINISH. GRADE 316L

NOTES

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CUTTING LIST

-

Rev	Comments	Date
PO1	ISSUED FOR COMMENT	02.03.20

Client: John Sisk

Project: Circle Square

Title: 3A & 3B Balustrade Arrangement

Project Nº	Drawing Nº	Revision
CS-FTS-B3-3A-DR-X-0002	002	A

Status	Drawn	Checked
FOR COMMENT	ML	.

Scale	Size	Site Address
DNS	A1	.

Date: 02.03.20

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