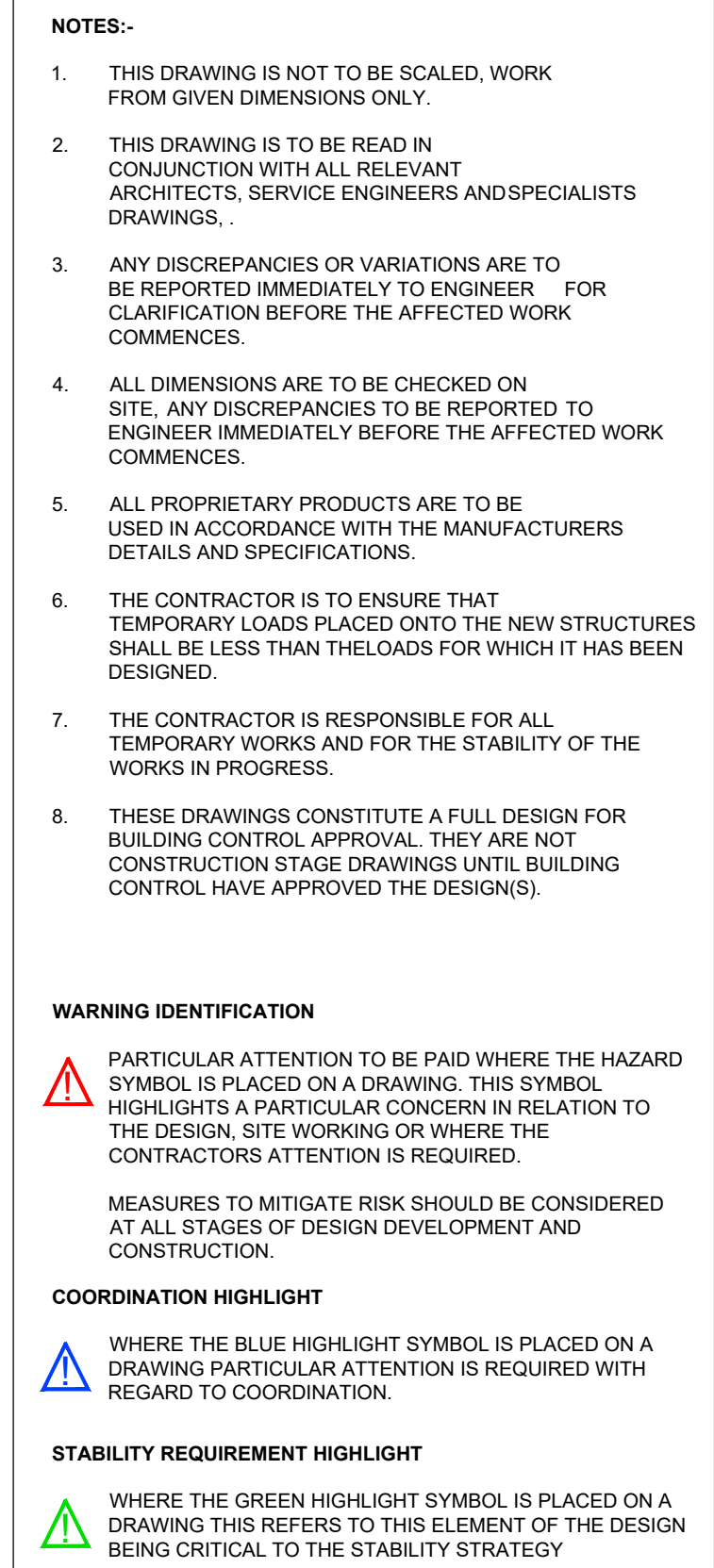




REV	DESCRIPTION	DATE	BY
B1	BUILDING REGULATIONS	14.09.2026	PW

CREATIVE
STRUCTURES

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Client
LEAH & PATRICK CLOUGH

Project
82 MARINE CRESCENT,
WORTHING, BN12 4JH

Title	BALUSTRADE & TERRACE SUB-FRAME DESIGN
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Date 14.09.2026	Checked 14.09.2026	
Drawing Sheet Size A1		
Scale 1:25, 1:10, 1:5	Engineer PW	
Status BUILDING REGULATIONS		
Project Number	Drawing Number	Revision
26-048	01	B1

PROPRIETARY 21.5mm GLASS BALUSTRADE, BY SOUTH COAST STEEL

BALUSTRADE FIXED TO TOP OF PERIMETER EDGE BEAM

EDGE FLASHING REQUIREMENT TO BE AGREED BETWEEN CLIENT & SCS

50x50 TIMBER JOISTS AT <300mm C/C ON PEDESTALS TO LIMIT SPANS TO <0.7m C/C

TOP OF DECKING SET FLUSH WITH THE WALK ON ROOFLIGHT - LEVEL TBC ON SITE TOP OF ALL STEELWORK & TIMBER JOISTS SET DIRECTLY BELOW THE COMPOSITE BOARDS

INNER STEEL TIE BEAM

ROOFING CONTRACTOR IS ASSUMED TO REPLACE CURRENT UPVC FASCIA WITH CEMENT BOARD & RENDER

ROOFING CONTRACTOR TO CONFIRM JOIST SIZE, SPAN DIRECTION & CENTRES DURING THE WORKS

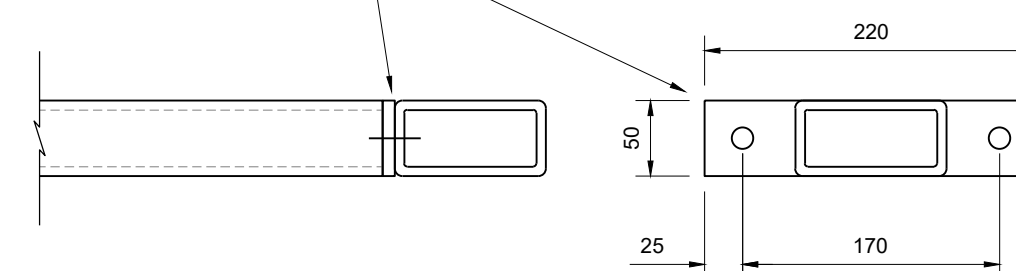
TYPICAL SECTION A-A

(1:10)

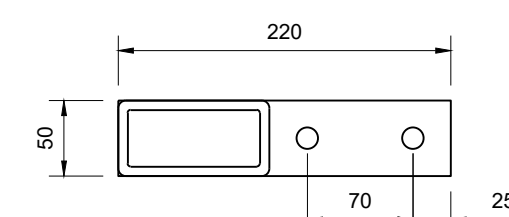
- BLUE LINES DENOTES 100x50x5 0-RHS STEEL FRAME HDG TO 85mm. ALL BEAMS ON EDGE (50mm DEEP)
 - ORANGE LINES DENOTES 50x50 EDGE TIMBER TRIMMER, IF REQUIRED TO SMALL AREA OF INFILL
 - RED LINES DENOTES PERIMETER 21.5mm GLASS BALUSTRADE CANTILEVERING UP FROM PERIMETER FRAME
- JOISTS
↑
- 50x50 C24 JOISTS AT 300mm C/C
- JOISTS TO BE SUPPORTED AT MID-SPAN ON ADJUSTABLE PEDESTALS WITH MAX CLEAR SPAN OF 0.7m C/C COMPOSITE DECKING BOARDS PERPENDICULAR
- ADJUSTABLE PEDESTAL SUPPORTS TO THE STEEL SUB-FRAME - PEDESTALS SAT ON RUBBER PADS

ALL DIMENSIONS SHOWN ARE INDICATIVE BASED ON TAPE
MEASURE SURVEY 10/09/2026. ALL FINAL DIMENSIONS ARE TO
ON SITE BY SOUTH COAST STEEL

ALL TERRACE STEELWORK TO BE 100x50 RHSs
HOT DIP GALVANISED TO 85 MICRONS. ALL
CONNECTIONS TO BE MADE USING 10mm THICK
ENDPLATE (AS SHOWN ADJACENT) FIXED WITH
SCREWED & TAPPED M12 BOLTS



SIDE ELEVATION
ON CONNECTION



TYPICAL OUTER
CONNECTION (HANDED)

STEEL SUB-FRAME
CONNECTION DETAIL(S)
(1:5)