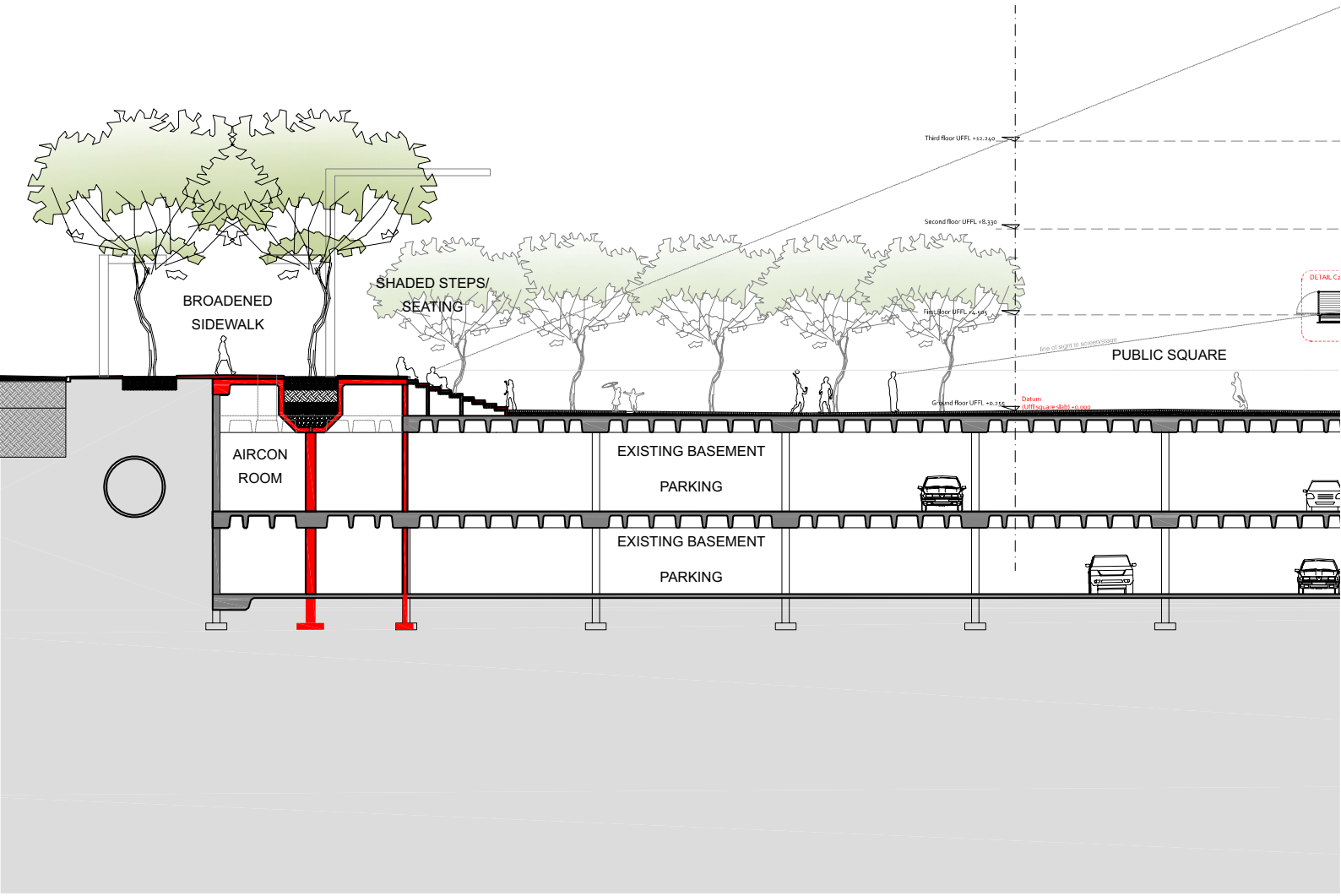
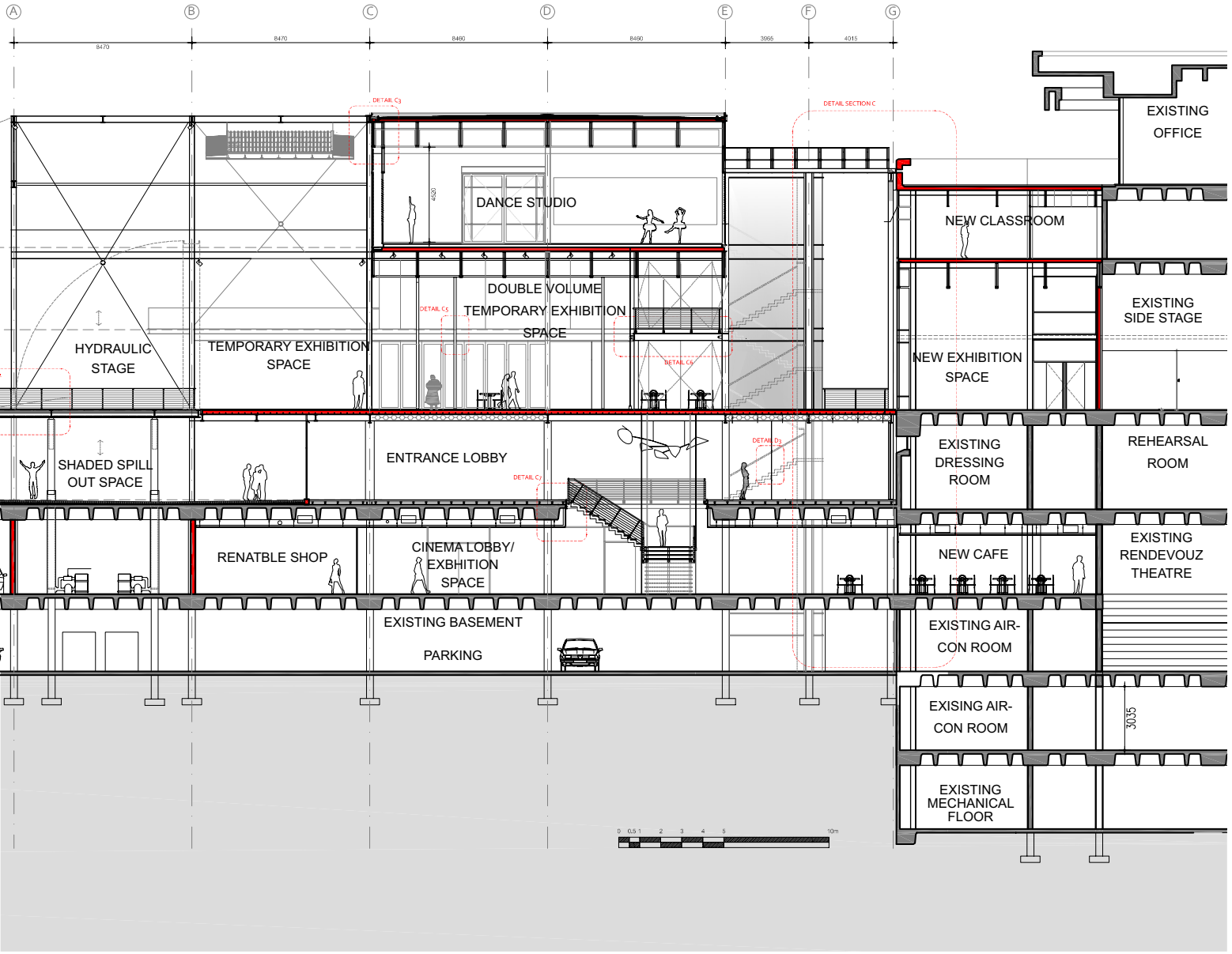
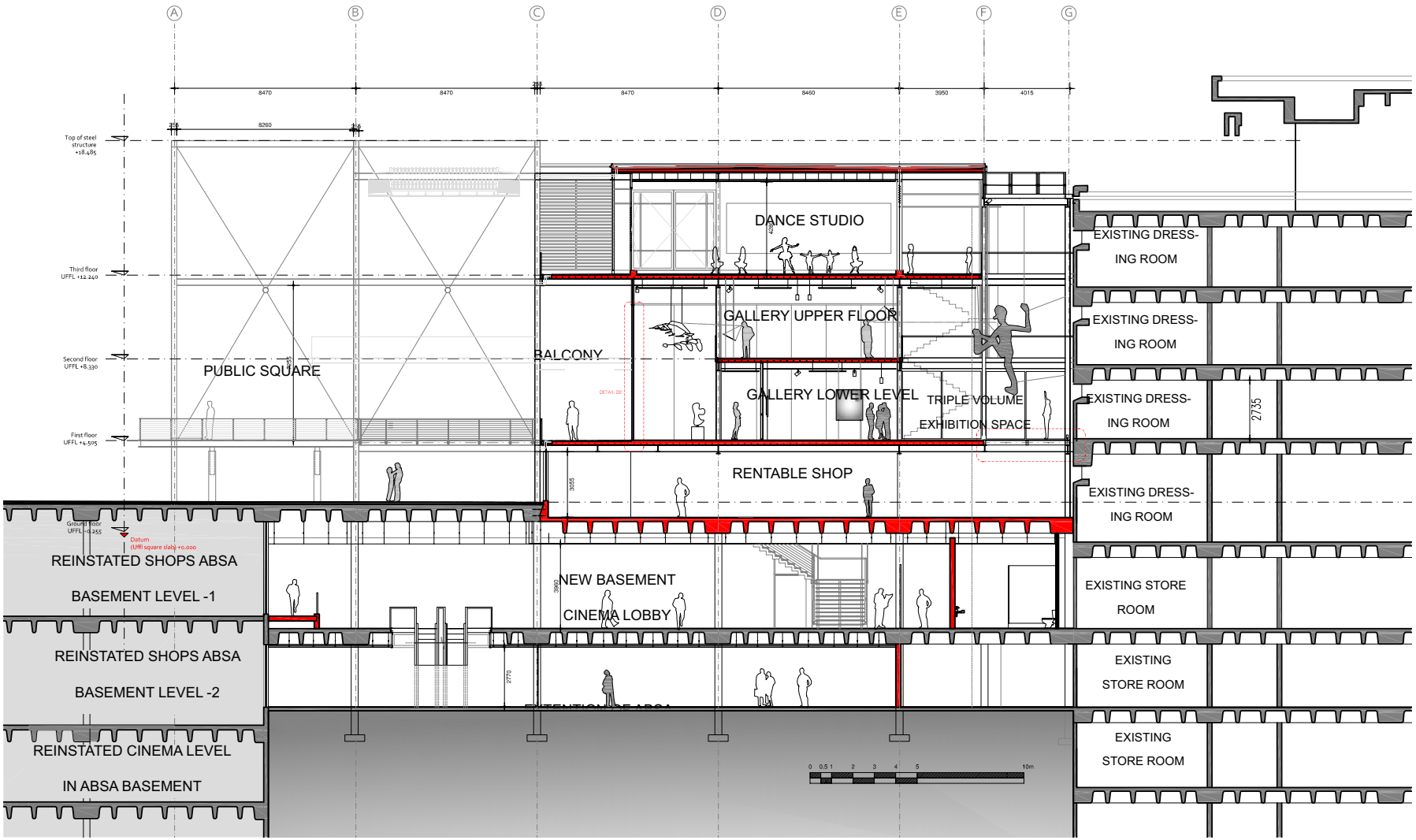
SECTION C-C

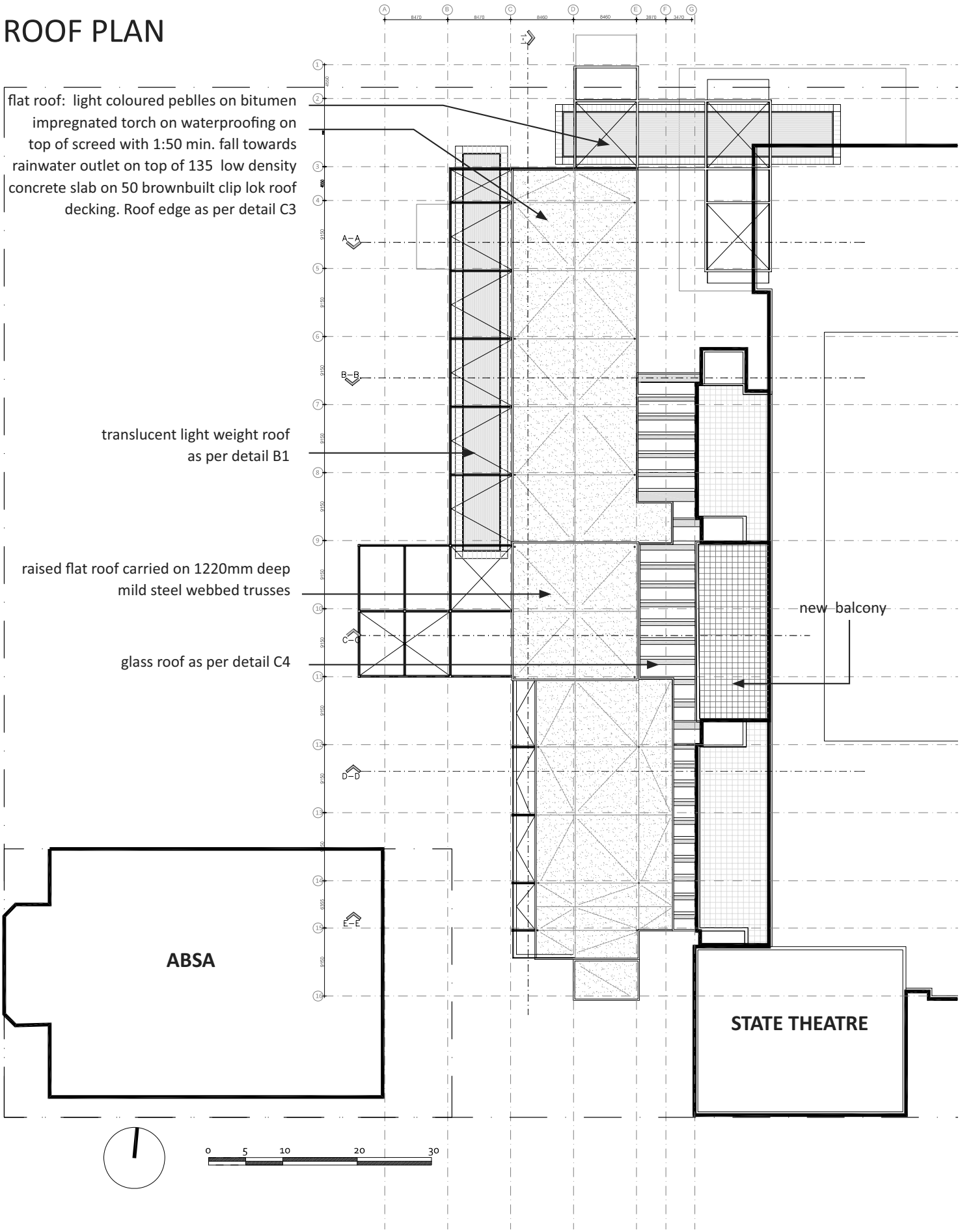

BROADENED
SIDEWALK
SHADED STEPS/
SEATING
PUBLIC SQUARE
AIRCON
ROOM
EXISTING BASEMENT
PARKING
EXISTING BASEMENT
PARKING


A
B
C
D
E
F
G
8470
8470
8460
8460
3955
4015
DETAIL C3
DETAIL SECTION C
DANCE STUDIO
4520
DOUBLE VOLUME
TEMPORARY EXHIBITION
SPACE
DETAIL C5
DETAIL C6
HYDRAULIC
STAGE
TEMPORARY EXHIBITION
SPACE
SHADED SPILL
OUT SPACE
ENTRANCE LOBBY
DETAIL D3
DETAIL C7
RENATBLE SHOP
CINEMA LOBBY/
EXBHITION
SPACE
EXISTING BASEMENT
PARKING
EXISTING
OFFICE
NEW CLASSROOM
EXISTING
SIDE STAGE
NEW EXHIBITION
SPACE
EXISTING
DRESSING
ROOM
REHEARSAL
ROOM
NEW CAFE
EXISTING
RENDEVOUZ
THEATRE
EXISTING AIR-
CON ROOM
EXISING AIR-
CON ROOM
3035
EXISTING
MECHANICAL
FLOOR
0 0.5 1 2 3 4 5 10m

SECTION D-D


A
B
C
D
E
F
G
8470
8470
8470
8460
3950
4015
8260
Top of steel structure +18.485
Third floor UFFL +12.240
Second floor UFFL +8.330
First floor UFFL +4.505
Ground floor UFFL +0.255
Datum (UFFl square slab) +0.000
DANCE STUDIO
GALLERY UPPER FLOOR
BALCONY
PUBLIC SQUARE
GALLERY LOWER LEVEL
TRIPLE VOLUME EXHIBITION SPACE
RENTABLE SHOP
NEW BASEMENT CINEMA LOBBY
REINSTATED SHOPS ABSA
BASEMENT LEVEL -1
REINSTATED SHOPS ABSA
BASEMENT LEVEL -2
REINSTATED CINEMA LEVEL
IN ABSA BASEMENT
EXISTING DRESS-ING ROOM
EXISTING DRESS-ING ROOM
EXISTING DRESS-ING ROOM
EXISTING DRESS-ING ROOM
EXISTING STORE ROOM
EXISTING STORE ROOM
EXISTING STORE ROOM
2735
3955
3960
2770
0 0.5 1 2 3 4 5 10m

ROOF PLAN

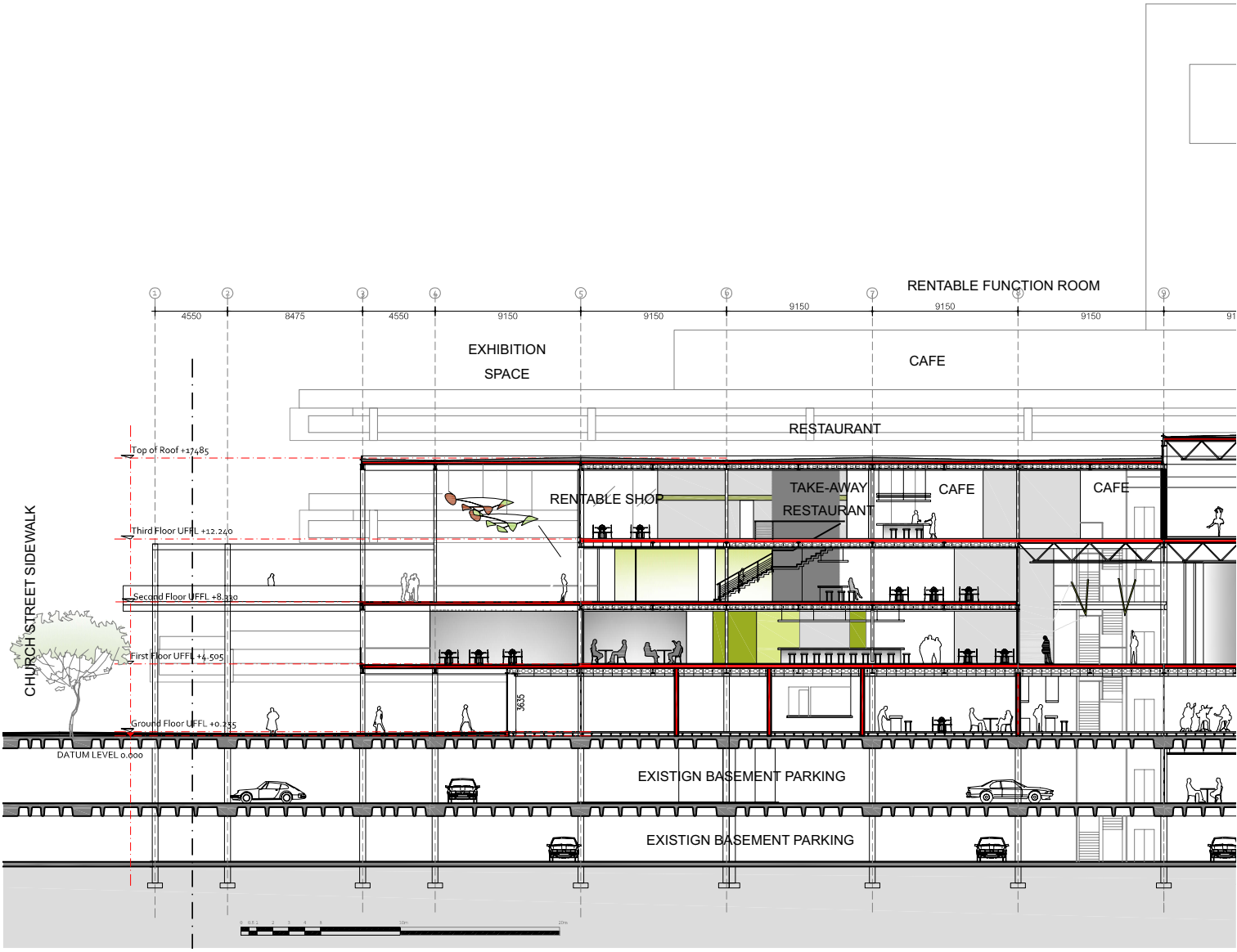

flat roof: light coloured peblles on bitumen impregnated torch on waterproofing on top of screed with 1:50 min. fall towards rainwater outlet on top of 135 low density concrete slab on 50 brownbuilt clip lok roof decking. Roof edge as per detail C3
translucent light weight roof as per detail B1
raised flat roof carried on 1220mm deep mild steel webbed trusses
glass roof as per detail C4
new balcony
A–A
B–B
C–C
D–D
E–E
ABSA
STATE THEATRE
0 5 10 20 30

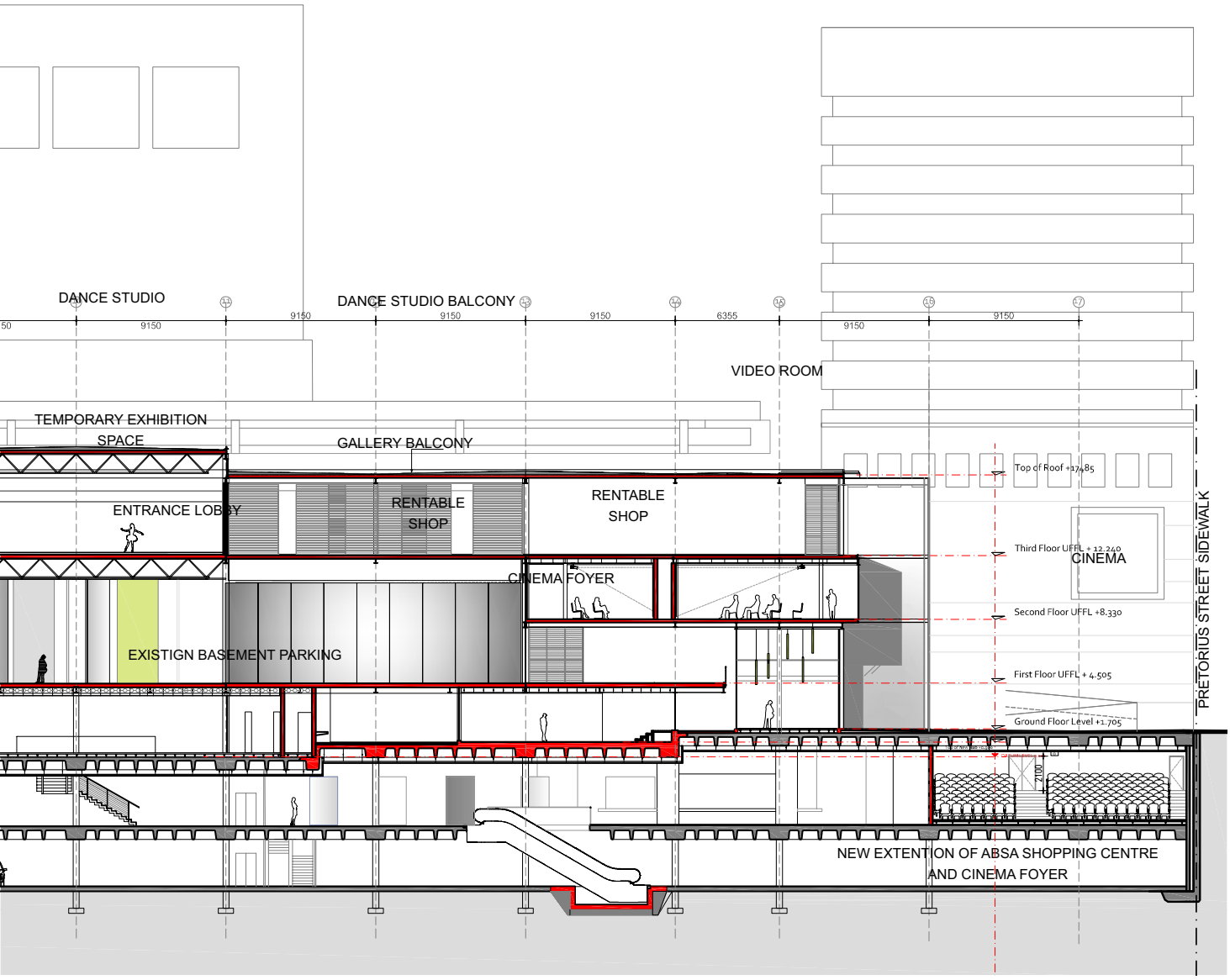
SECTION 1-1

General notes:
All structural elements: structural steel, floors, stage floor and roofs to be designed by a qualified structural engineer.

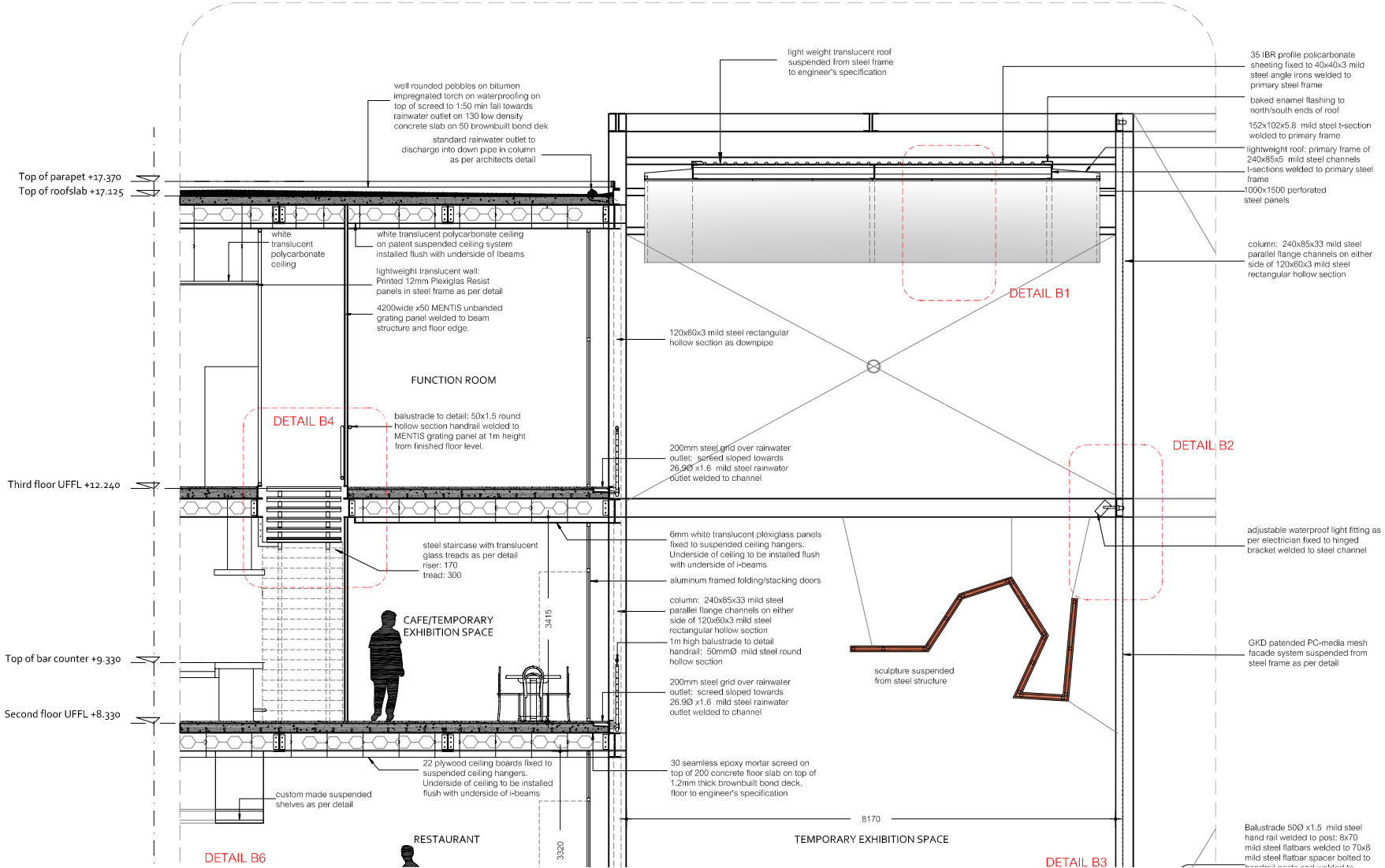
Steel note:
All exposed structural steel members both inside and outside the building are to be approved by engineer. All members are to be painted with a coat of Sapphire (or similar approved) fire retardant intumescent paint as approved by SABS and NBR. A top coat of non combustible matt acrylic paint in a dark grey colour must be applied once the undercoat has dried.

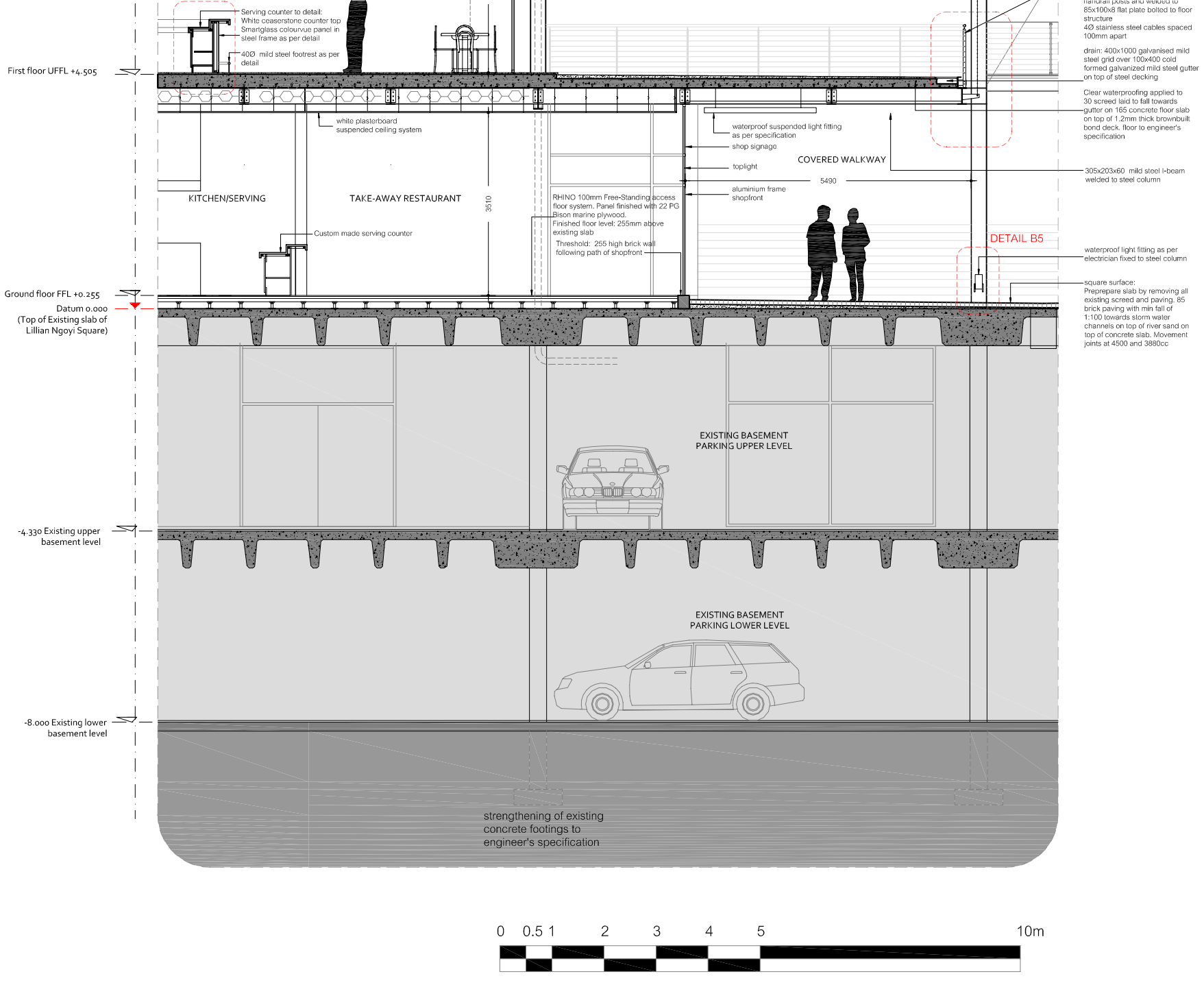
Steel frame to braced with steel tension cables in all directions as indicated on plans/ sections at minimum 20m intervals or as per engineer's specification.



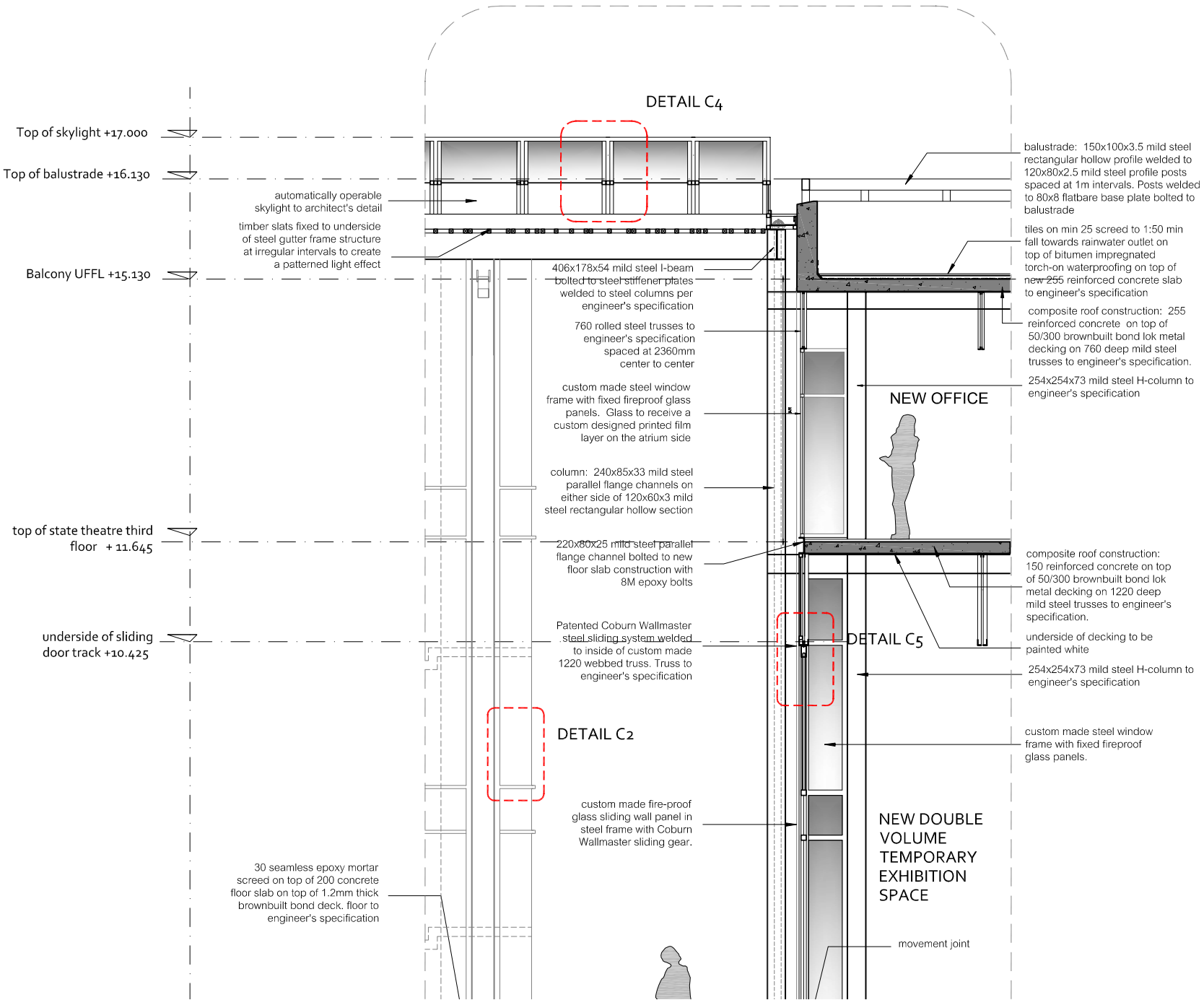

DANCE STUDIO
DANCE STUDIO BALCONY
9150
9150
9150
9150
6355
9150
9150
VIDEO ROOM
TEMPORARY EXHIBITION SPACE
GALLERY BALCONY
ENTRANCE LOBBY
RENTABLE SHOP
RENTABLE SHOP
CINEMA FOYER
EXISTIGN BASEMENT PARKING
Top of Roof +17.485
Third Floor UFFL + 12.240
CINEMA
Second Floor UFFL +8.330
First Floor UFFL + 4.505
Ground Floor Level +1.705
PRETORIUS STREET SIDEWALK
NEW EXTENTION OF ABSA SHOPPING CENTRE AND CINEMA FOYER

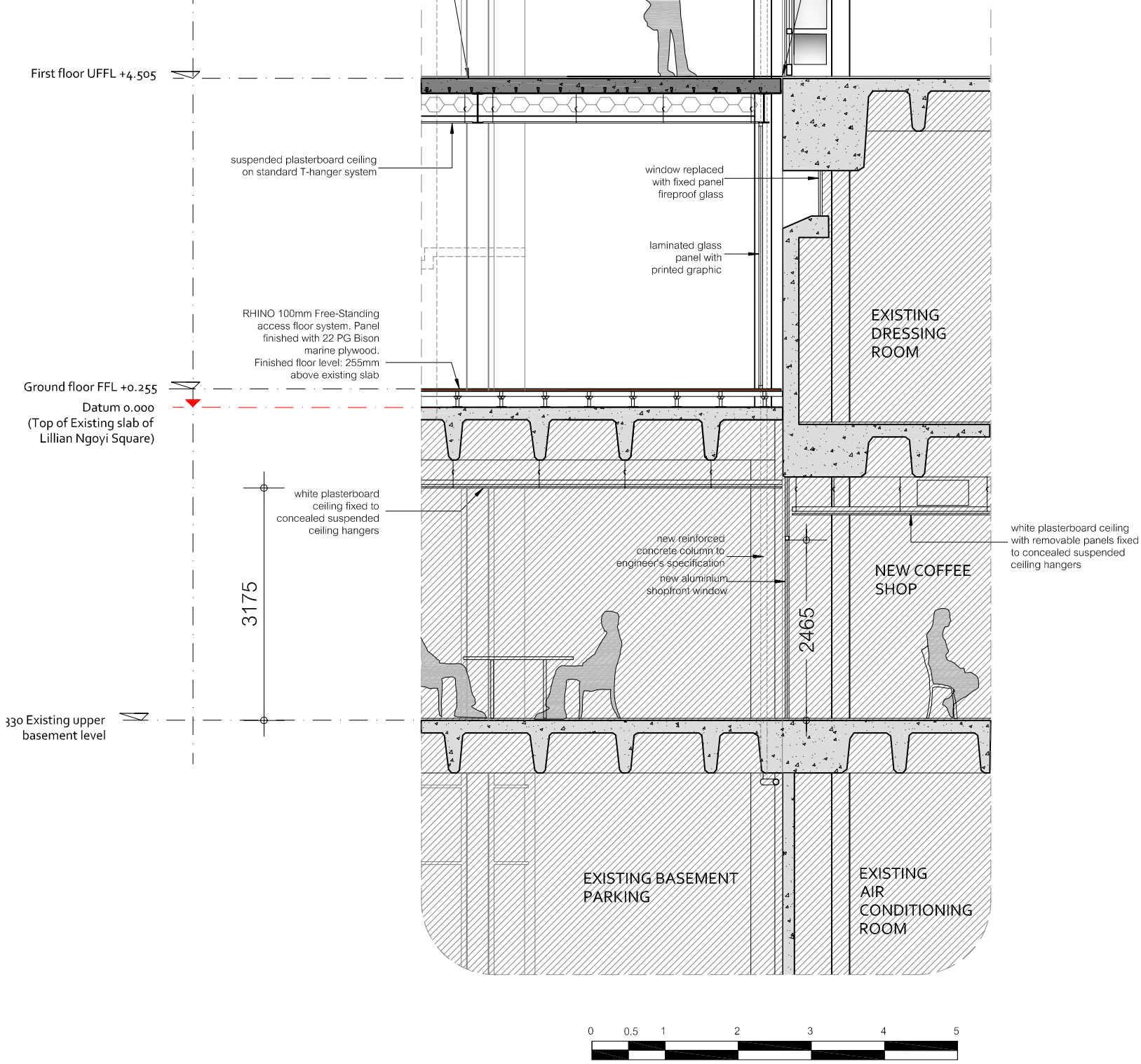
FACADE SECTION B





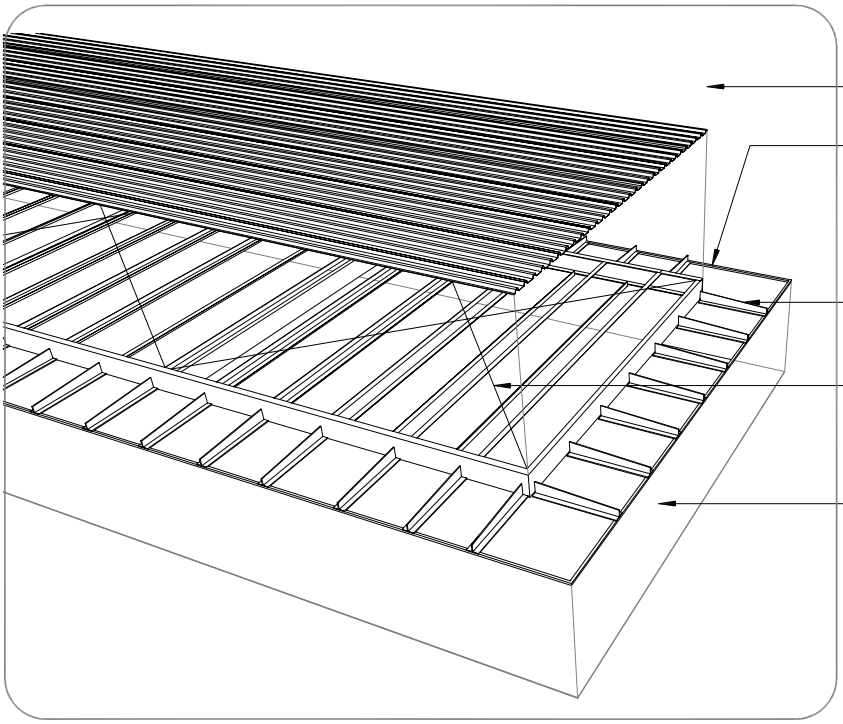
DETAIL SECTION C




First floor UFFL +4.505
suspended plasterboard ceiling on standard T-hanger system
window replaced with fixed panel fireproof glass
laminated glass panel with printed graphic
RHINO 100mm Free-Standing access floor system. Panel finished with 22 PG Bison marine plywood. Finished floor level: 255mm above existing slab
Ground floor FFL +0.255
Datum 0.000 (Top of Existing slab of Lillian Ngoyi Square)
EXISTING DRESSING ROOM
white plasterboard ceiling fixed to concealed suspended ceiling hangers
3175
new reinforced concrete column to engineer's specification
new aluminium shopfront window
2465
white plasterboard ceiling with removable panels fixed to concealed suspended ceiling hangers
NEW COFFEE SHOP
330 Existing upper basement level
EXISTING BASEMENT PARKING
EXISTING AIR CONDITIONING ROOM
0
0.5
1
2
3
4
5

DETAIL ELEMENTS

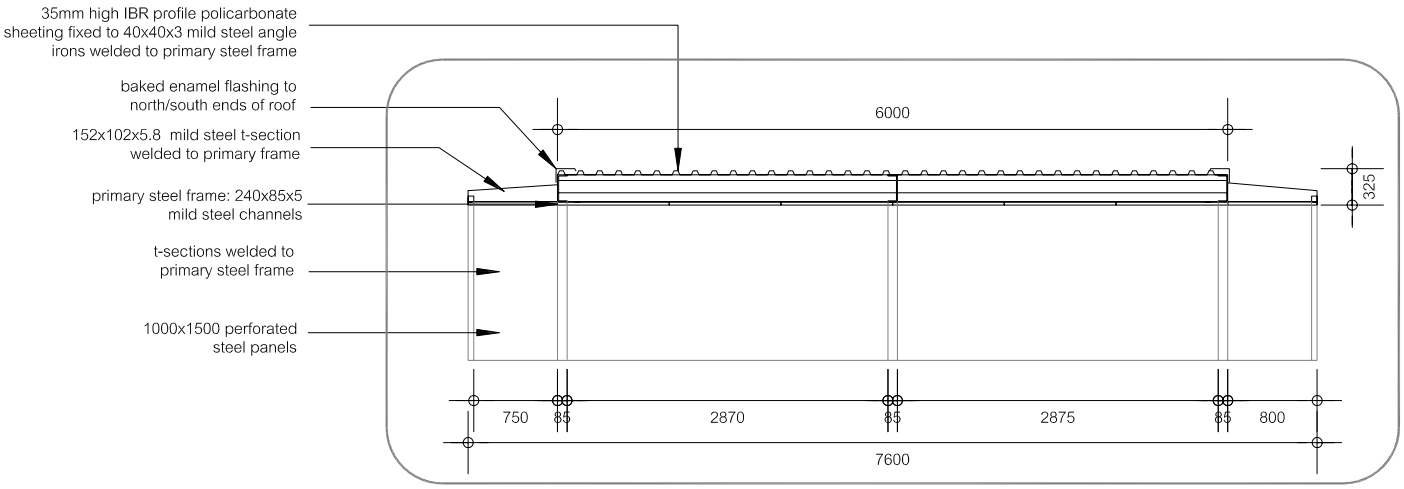
DETAIL B1.a: Exploded perspective view of suspended roof



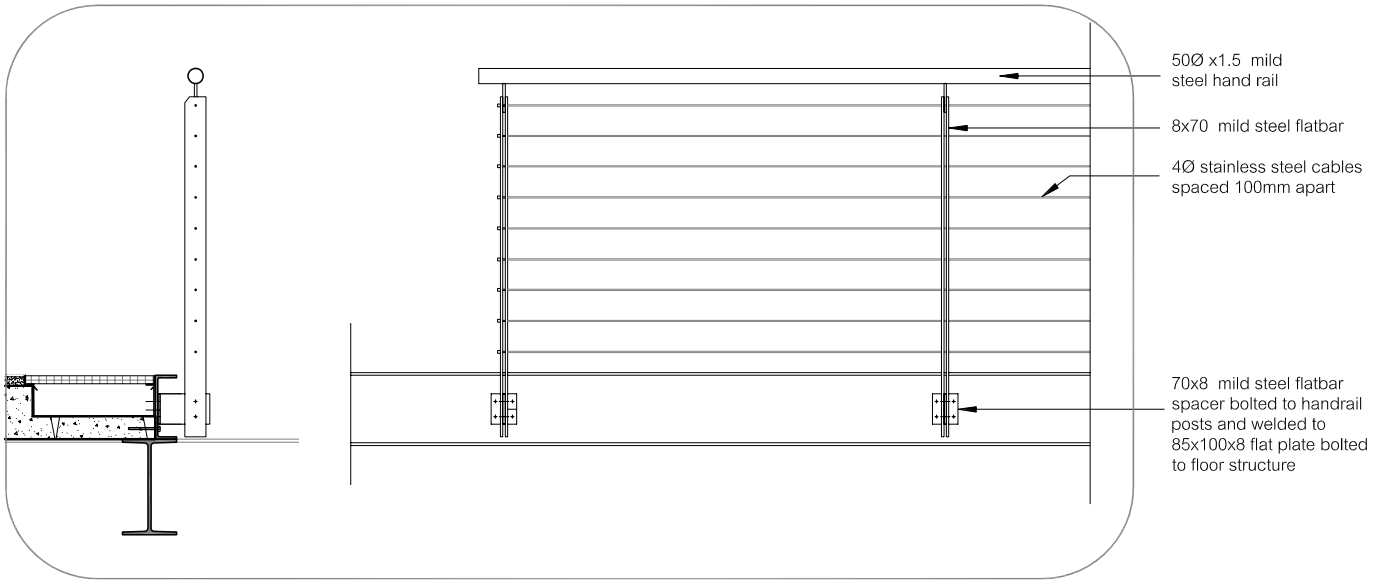
NOTE

Roof frame to be welded to beams at 9150m intervals and tied back to steel frame on underside with steel cables as per engineer's specification

DETAIL B1.b: Section suspended roof



DETAIL B3.a: Balustrade detail



DETAIL B3.b: Typical slab edge detail

PC Media mesh fixed to steel structure with patent 'woven in bar with spring attachment' welded to 76x153 mild steel T-section welded to steel frame.

50,8 x 1.6 mild steel hollow round section handrail welded to 50x8 mild steel flat plate bolted to 70x8 mild steel balustrade posts.

ABE liquid paint-on waterproofing applied to min 30mm epoxy mortar screed sloping towards gutter. Screed stopped against 30x30x3 mild steel angle iron bolted to concrete floor slab

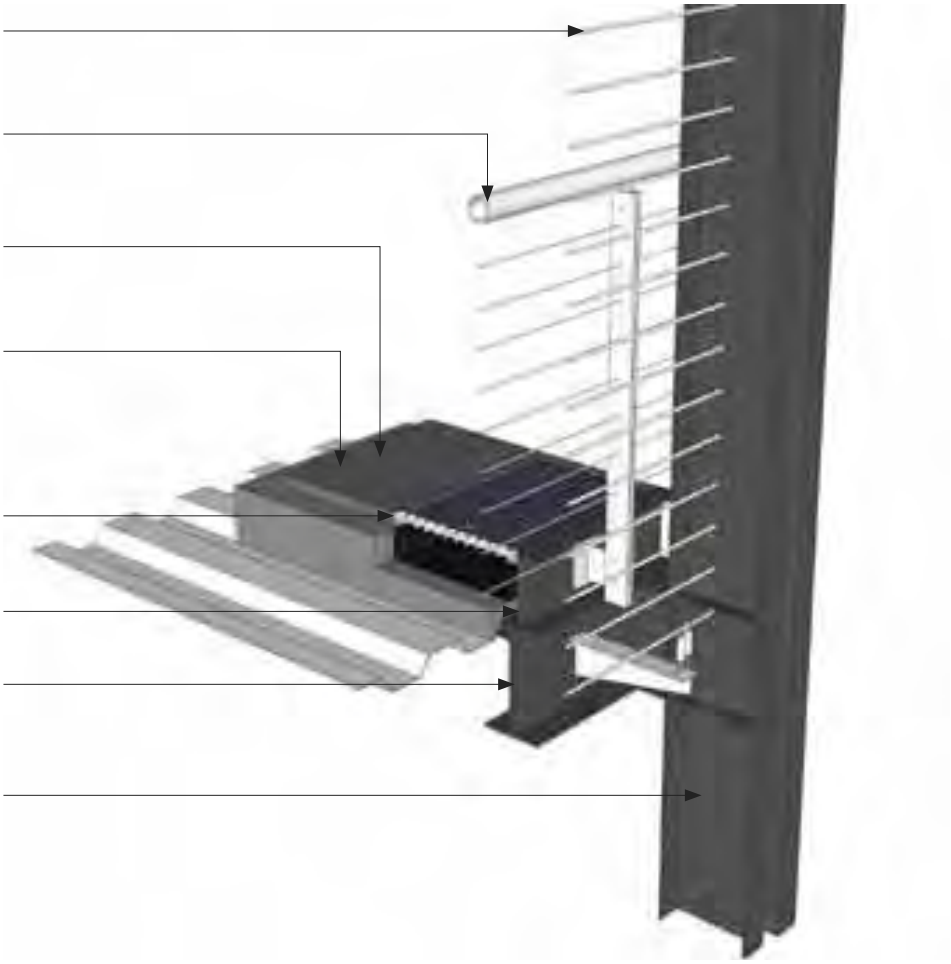
165 concrete lab on top of Brownbuilt Bond Lok 50/300 composite deck. Floor to engineer's specification

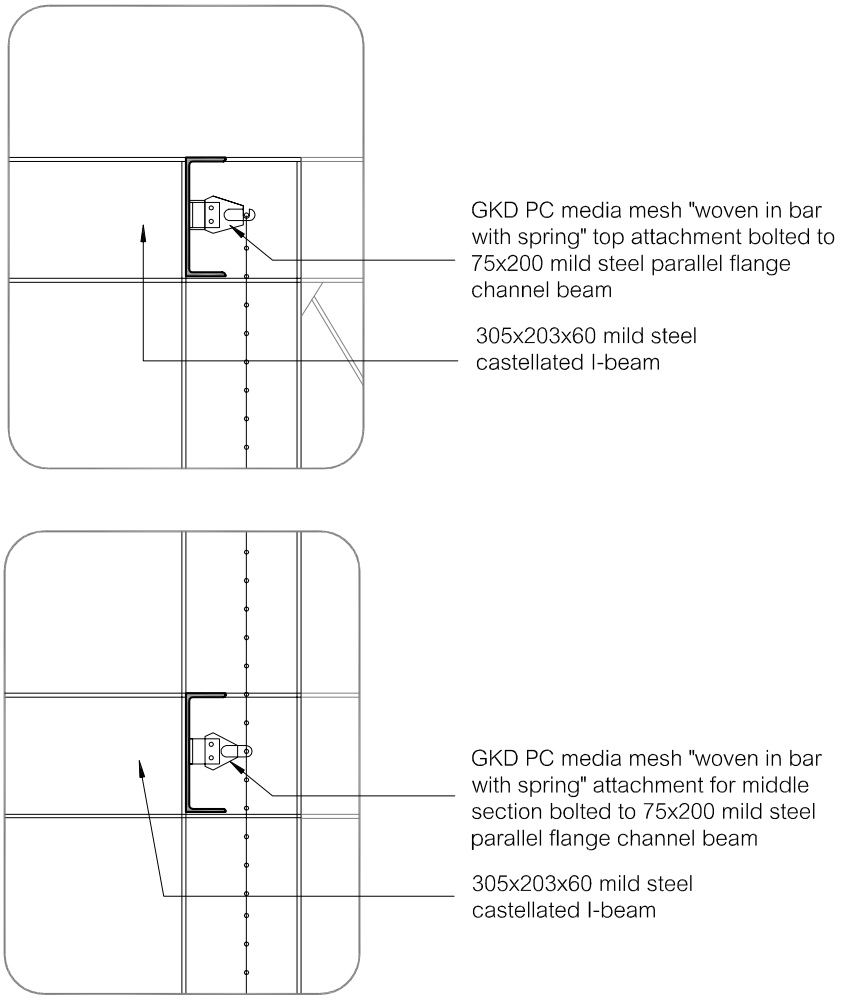
30 MENTIS grating in 30x30x3 mild steel equal angle welded to parallel flange channel

200x75x25 mild steel taper flange channel as floor edging welded to steel Ibeam

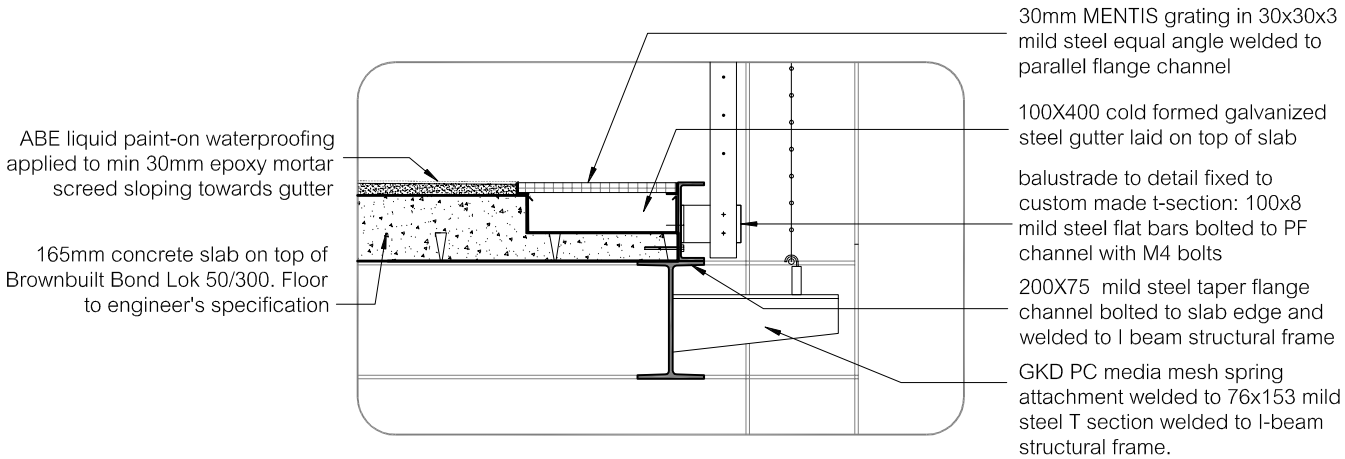
305x203x60 mild steel I-beam welded to structural frame

column: 240x85x33 mild steel parallel flange channel welded to either side of 120x60x3 mild steel rectangular hollow section. Rectangular section to be used as rainwater downpipe. Stiffener plates to be welded to all steel members at connections.

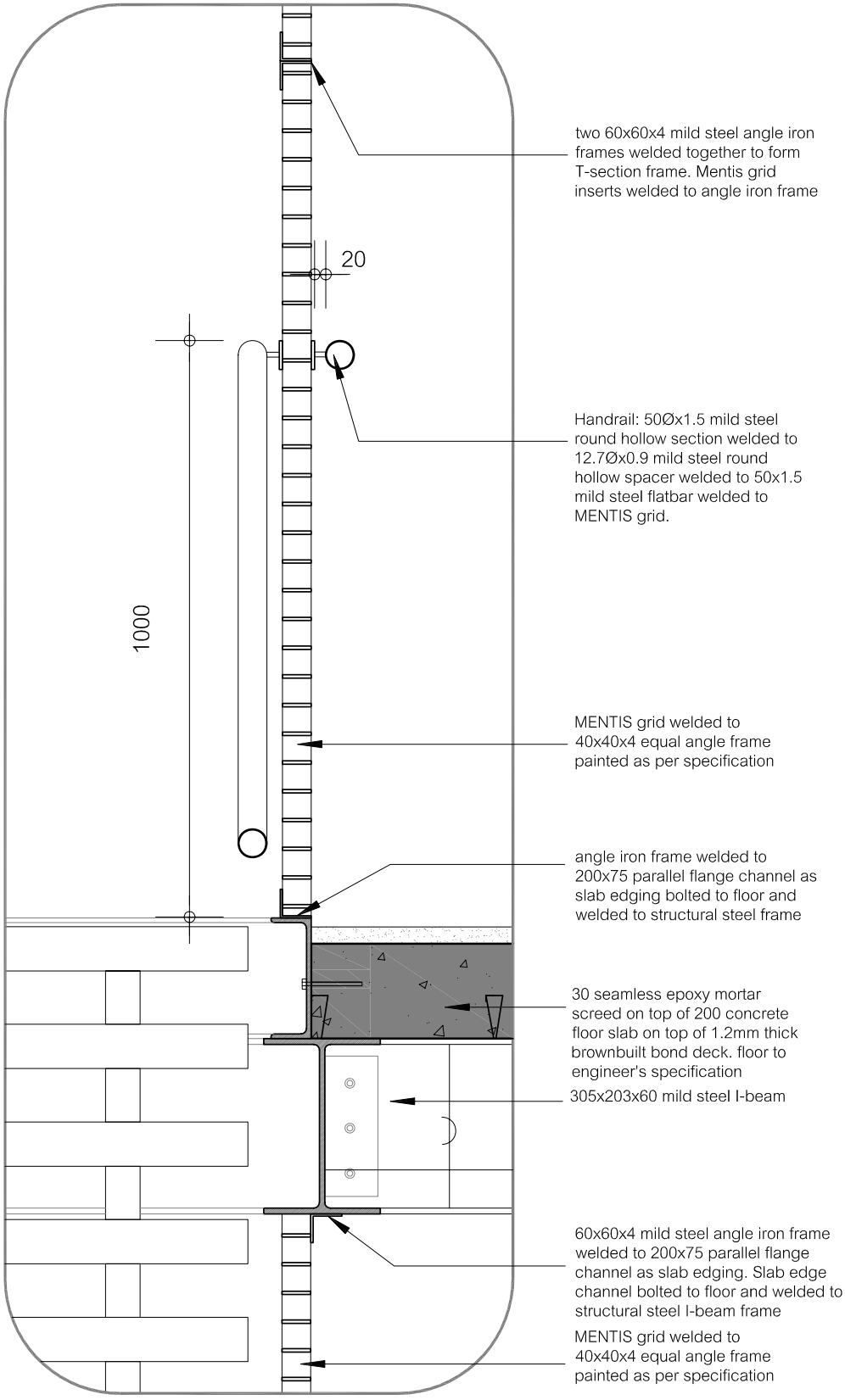




DETAIL B2. GKD mesh fixing detail

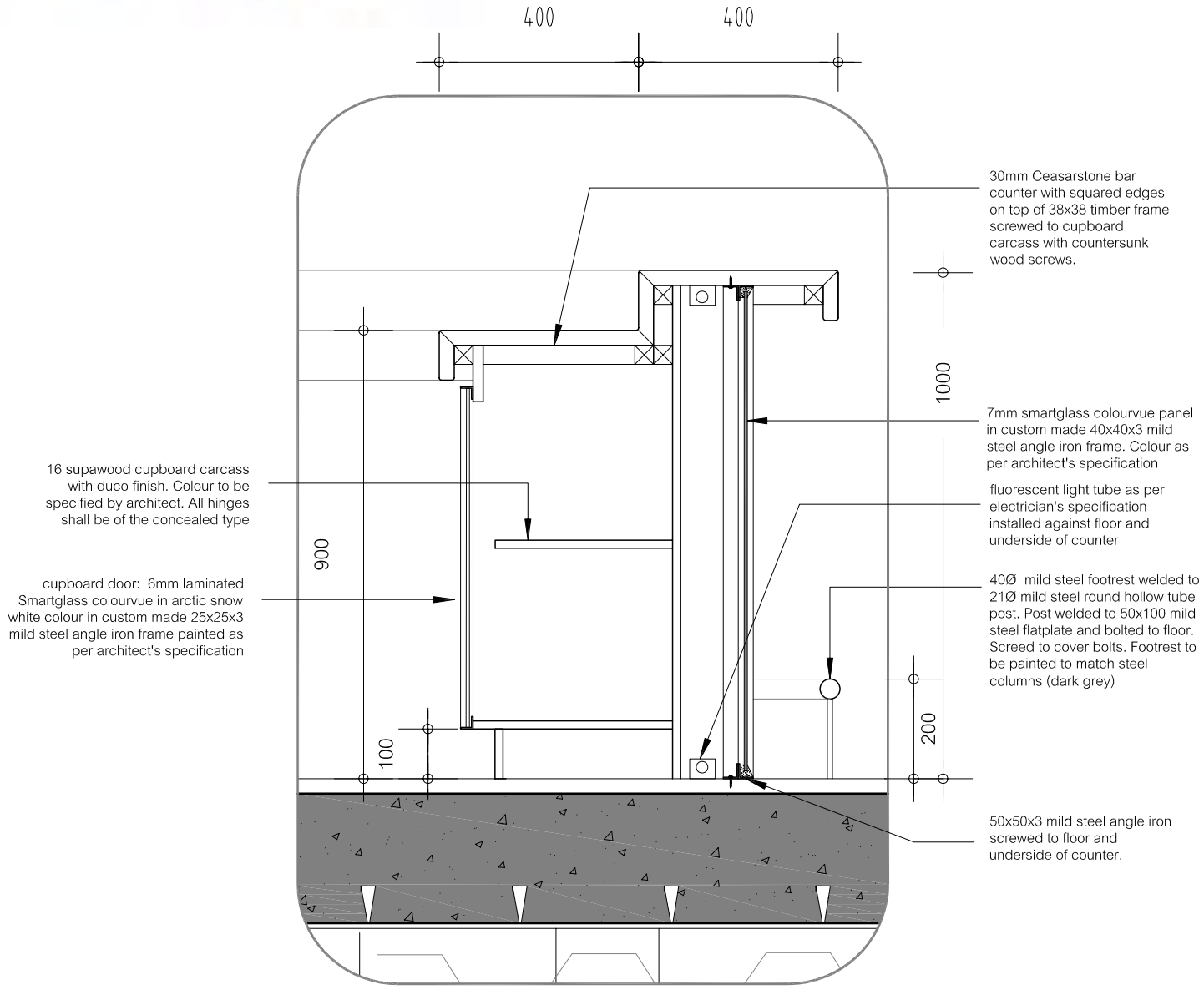


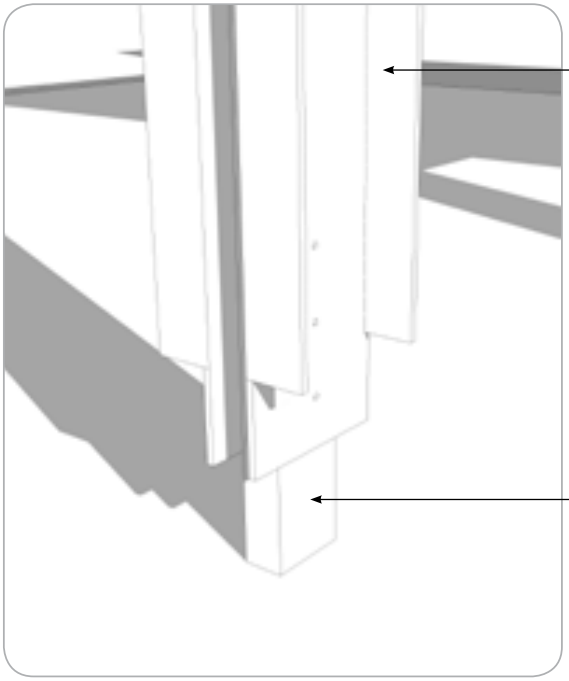
DETAIL B3.b: Typical slab edge detail



DETAIL B4. MENTIS grid balustrade/screen detail

DETAIL B5. Bar detail

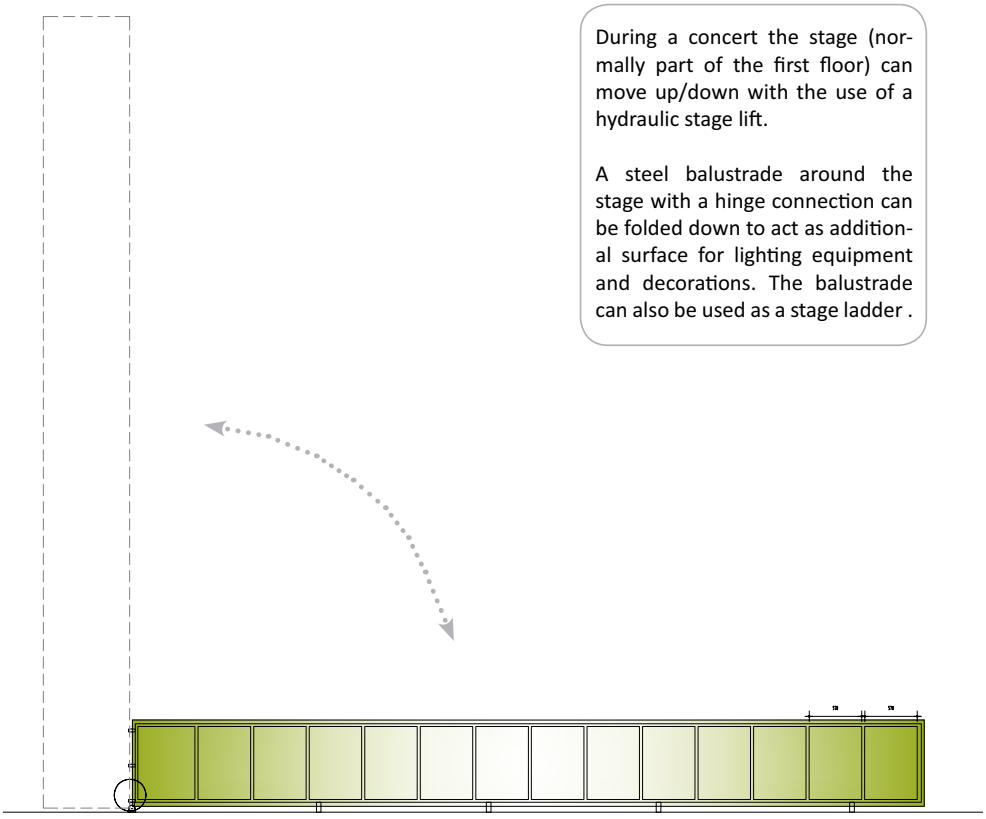




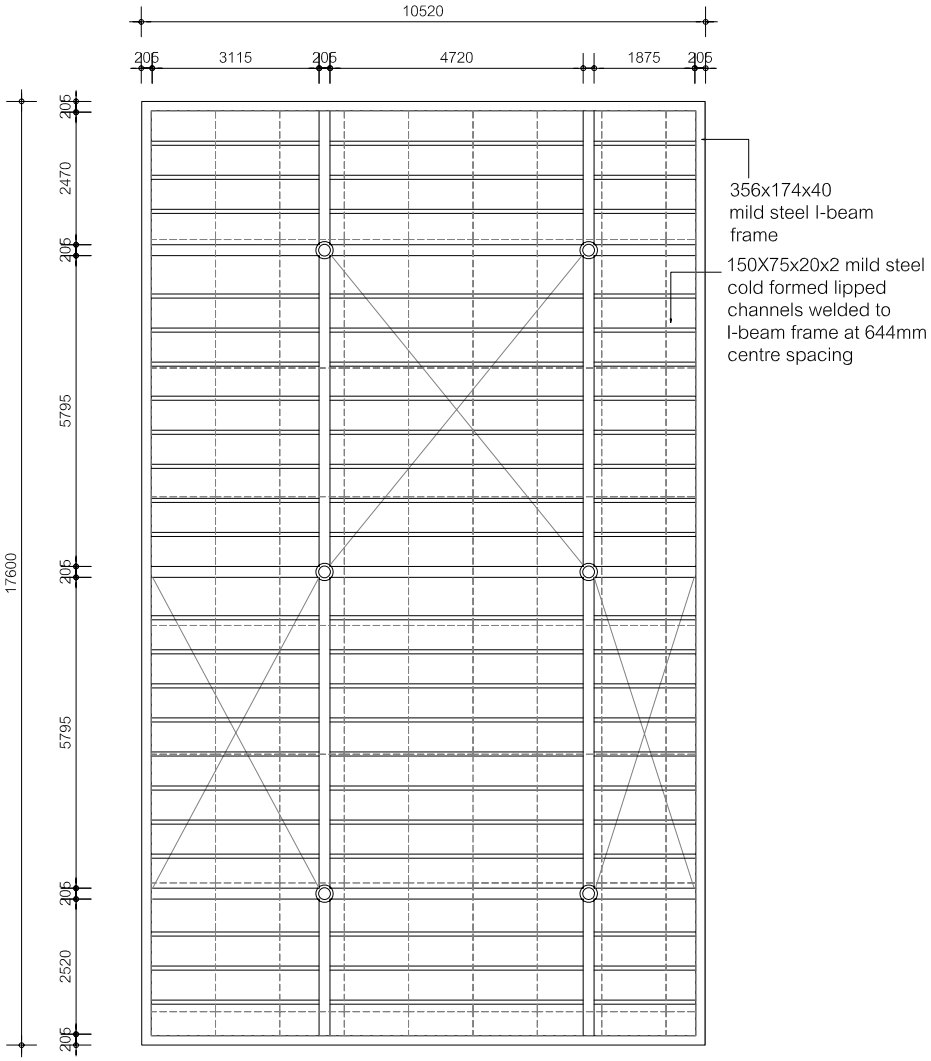
DETAIL C1: Hydraulic stage

During a concert the stage (normally part of the first floor) can move up/down with the use of a hydraulic stage lift.

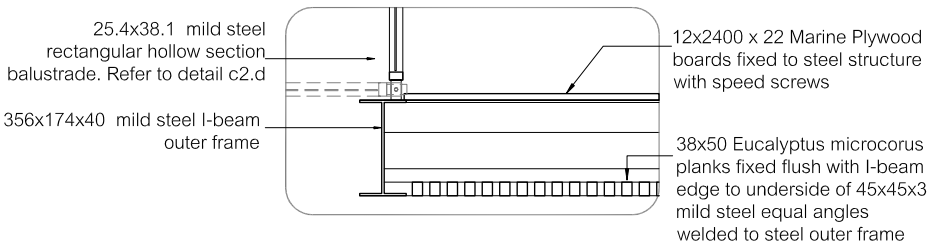
A steel balustrade around the stage with a hinge connection can be folded down to act as additional surface for lighting equipment and decorations. The balustrade can also be used as a stage ladder .



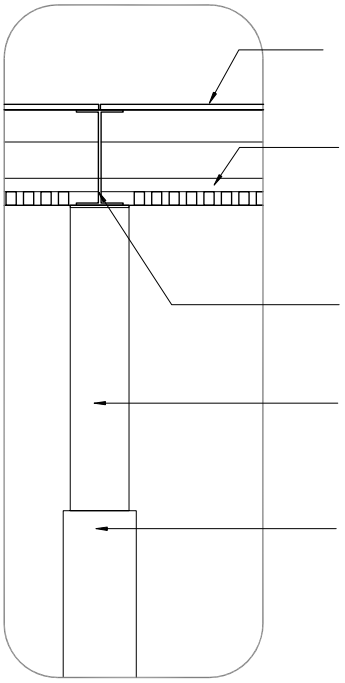
DETAIL C1.a.



DETAIL C1.b.



DETAIL C1.c.



NOTE:
All structural elements and steel to be approved by a qualified structural engineer.
Details shown here merely indicate the concept and desired outcome.

DETAIL C1.d.