

SVELTE 60 WITH CONCRETE TOPPING

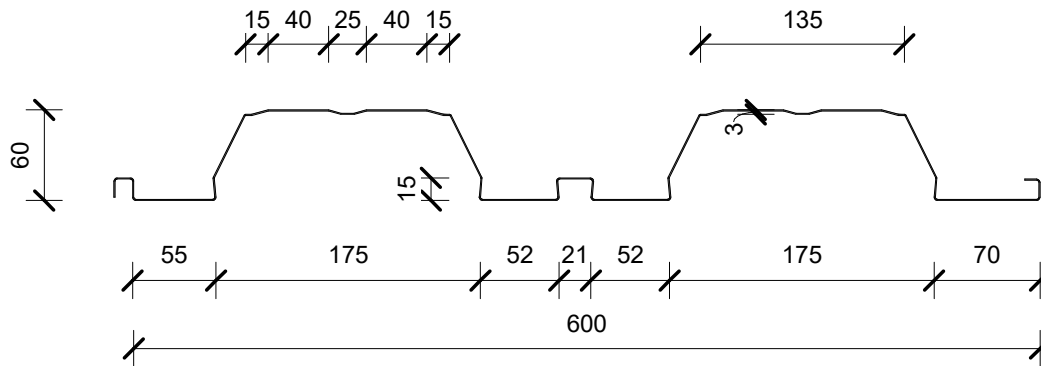
BASE METAL THICKNESS:

- 0.75mm (G550 STEEL GRADE)
- 0.95mm (G550 STEEL GRADE)
- 1.15mm (G550 STEEL GRADE)

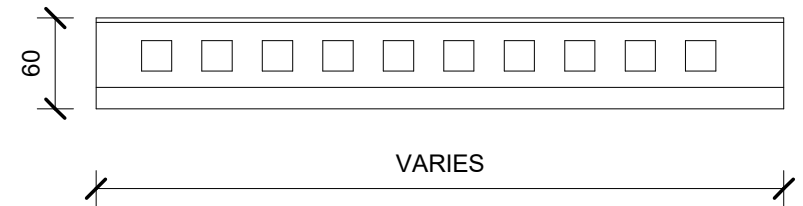
COATING:

- Z275 GALVANIZED COATING

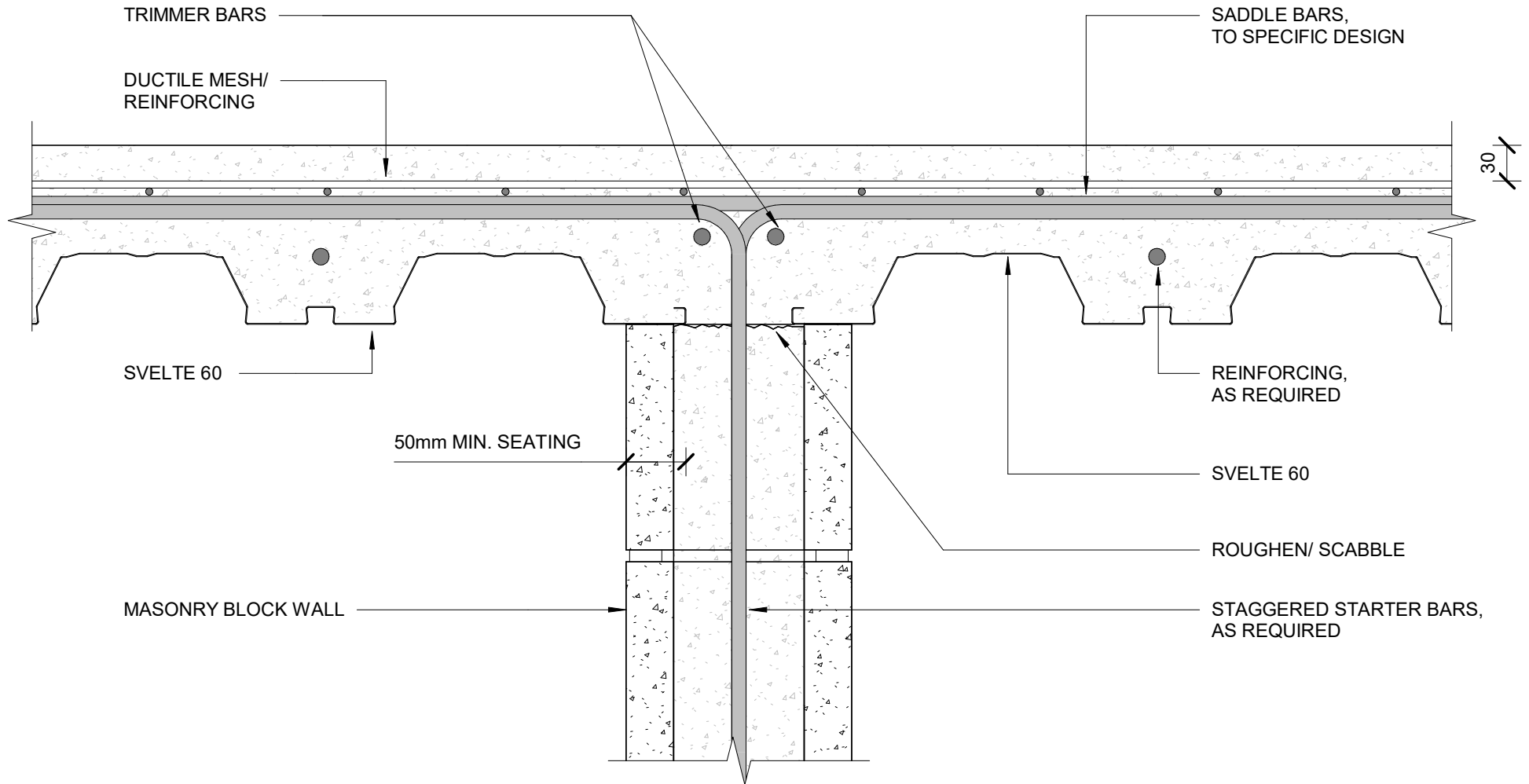
30
CONCRETE THICKNESS



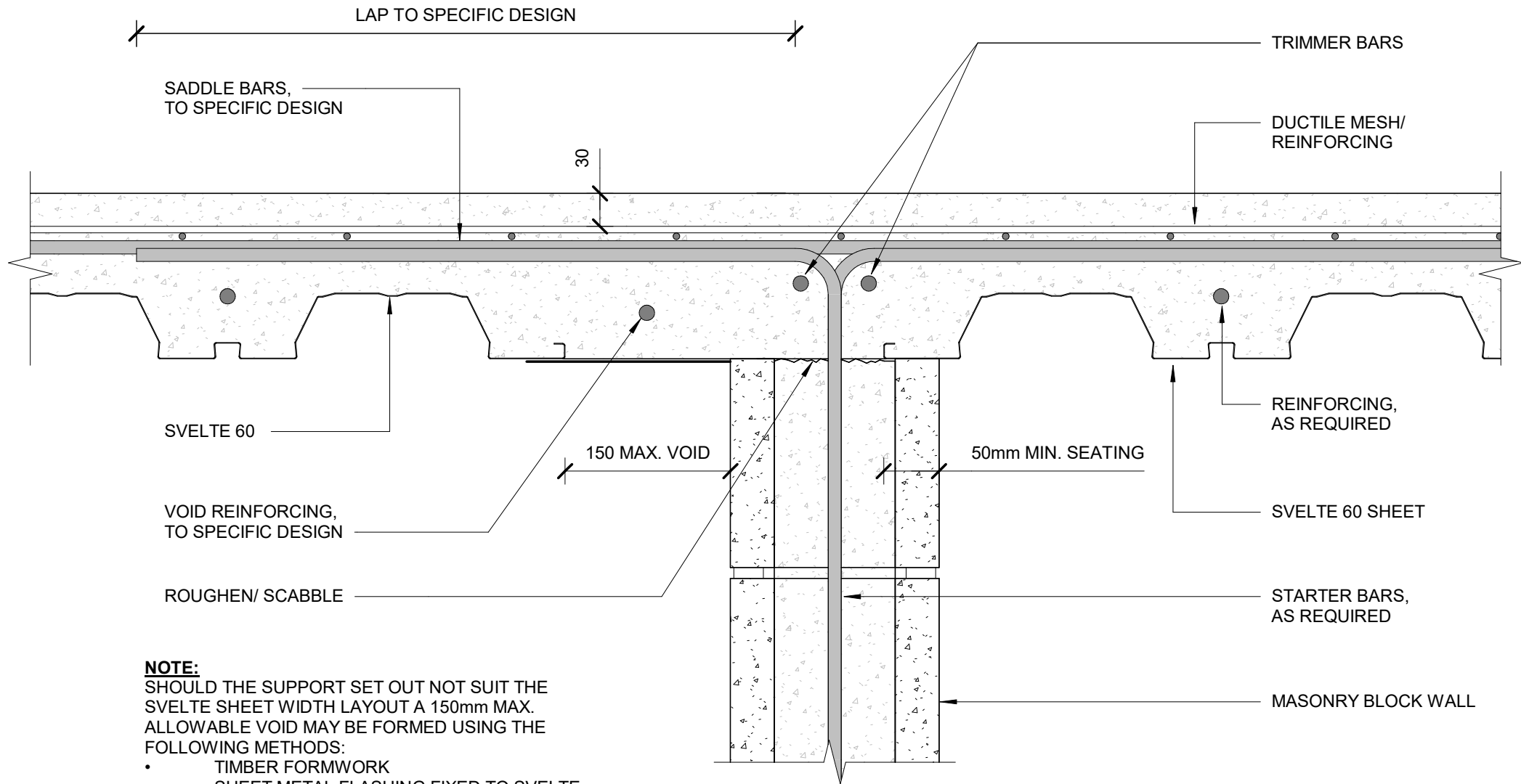
SVELTE 60 PROFILE



SVELTE 60 ELEVATION



BLOCK INTERNAL SUPPORT PARALLEL TO TRAY SPAN

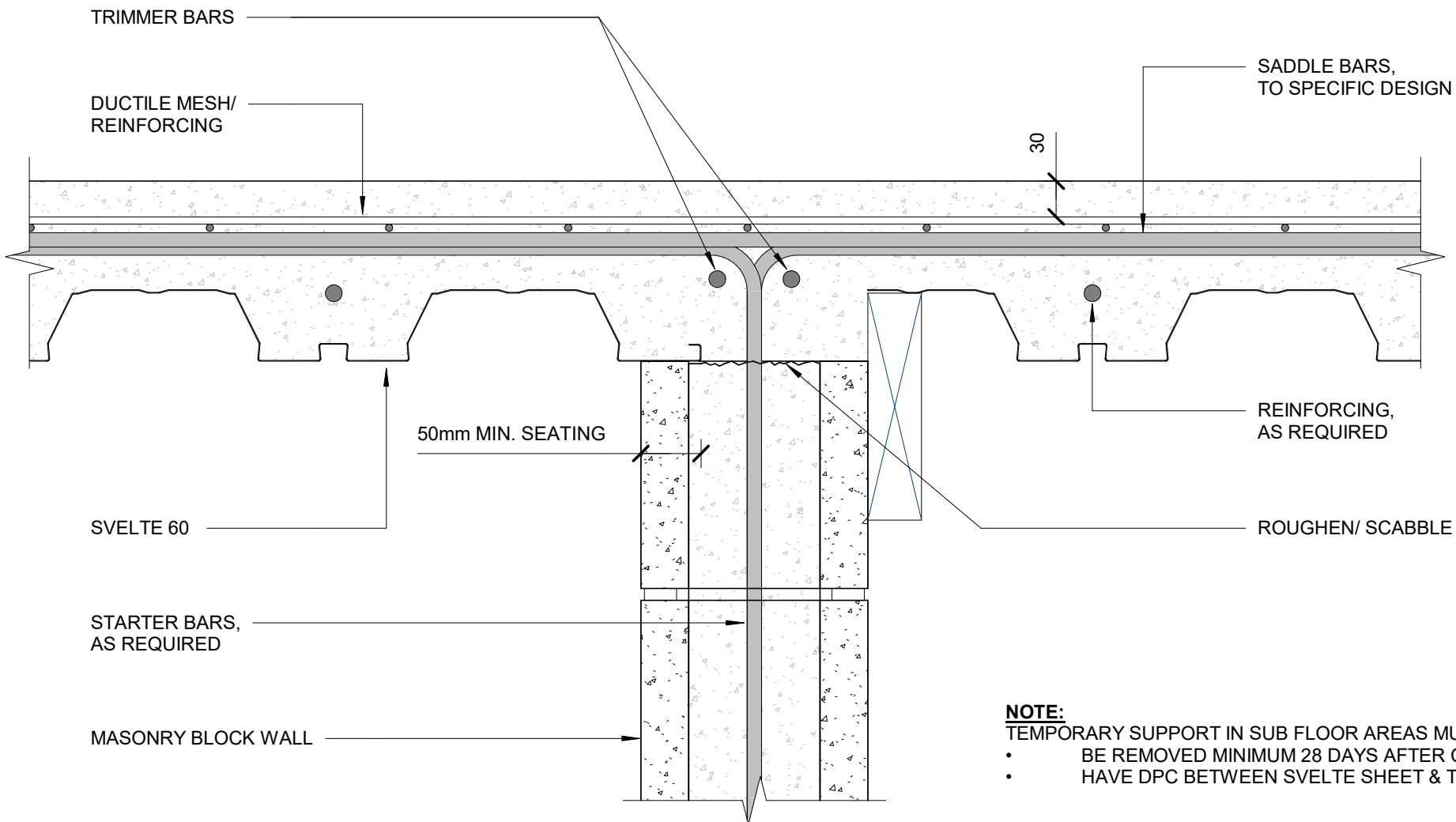


NOTE:

SHOULD THE SUPPORT SET OUT NOT SUIT THE SVELTE SHEET WIDTH LAYOUT A 150mm MAX. ALLOWABLE VOID MAY BE FORMED USING THE FOLLOWING METHODS:

- TIMBER FORMWORK
- SHEET METAL FLASHING FIXED TO SVELTE SHEET USING TEK SCREWS @ 300 CRS & BLOCK WALL WITH MASONRY NAILS & WASHERS @ 300 CRS.

BLOCK INTERNAL SUPPORT PARALLEL TO TRAY SPAN



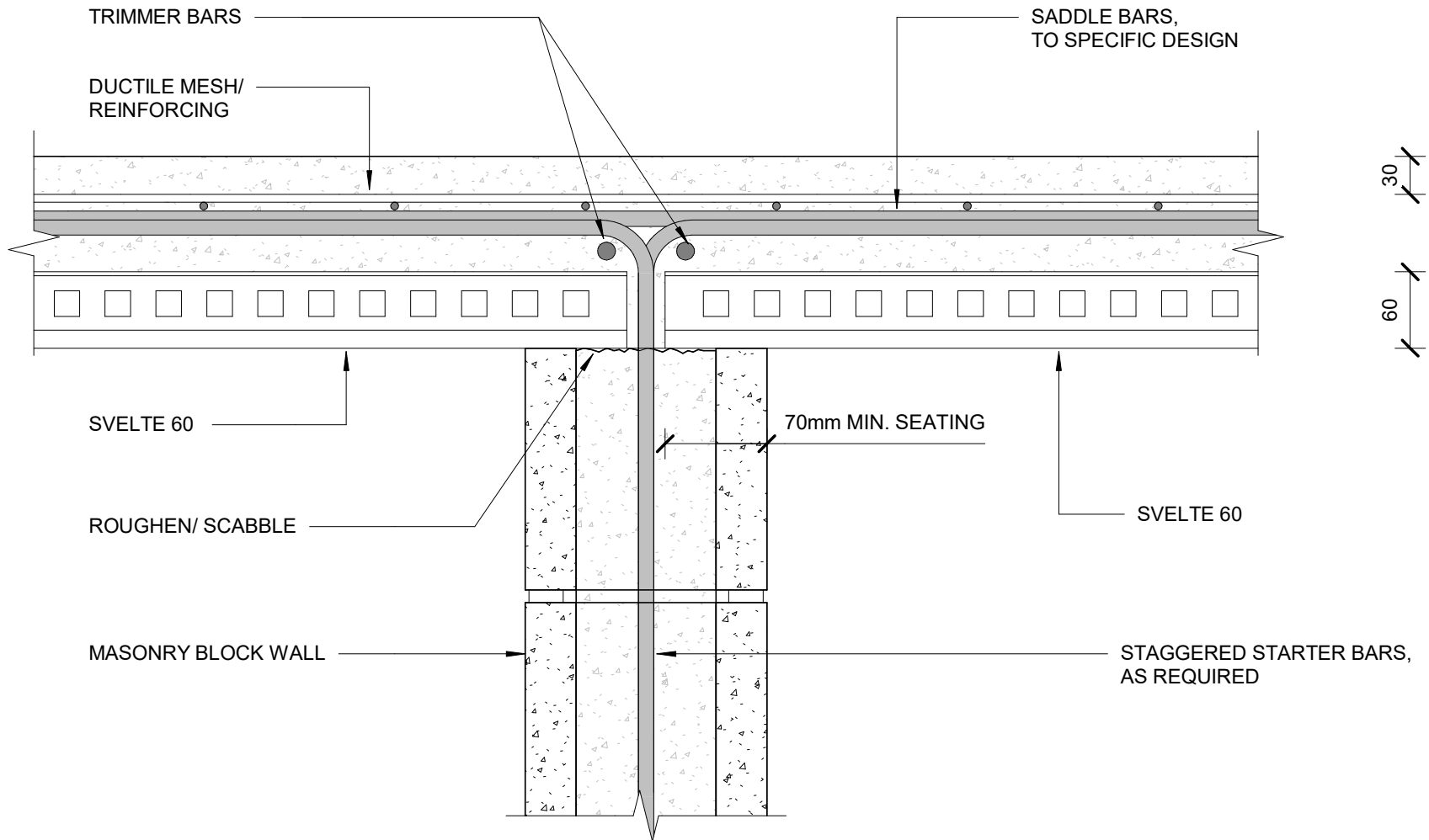
NOTE:
 TEMPORARY SUPPORT IN SUB FLOOR AREAS MUST EITHER:

- BE REMOVED MINIMUM 28 DAYS AFTER CONCRETE POUR OR
- HAVE DPC BETWEEN SVELTE SHEET & TIMBER

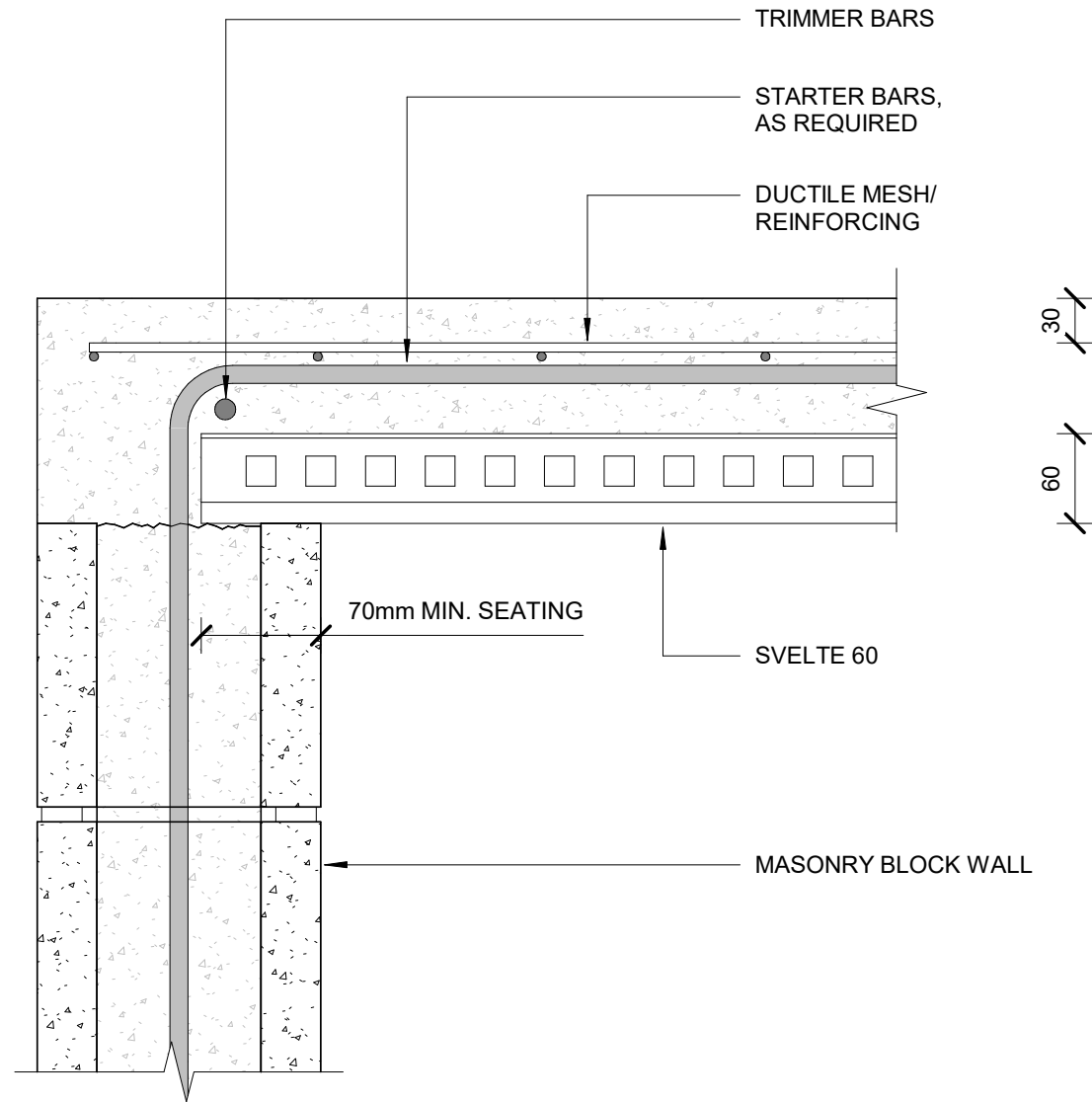
BLOCK INTERNAL SUPPORT PARALLEL TO TRAY SPAN (OPTION 2)



DISCLAIMER:
 All details are to be used for indicative purposes only. The engineer should consult Metalcraft Composite Flooring- Steelspec Design Tool and the relevant AS/NZ Standards for the correct specification. Details and Compliance to NZBC regulations of the supporting mechanisms is the responsibility of the engineer.



BLOCK INTERNAL SUPPORT PERPENDICULAR TO TRAY SPAN

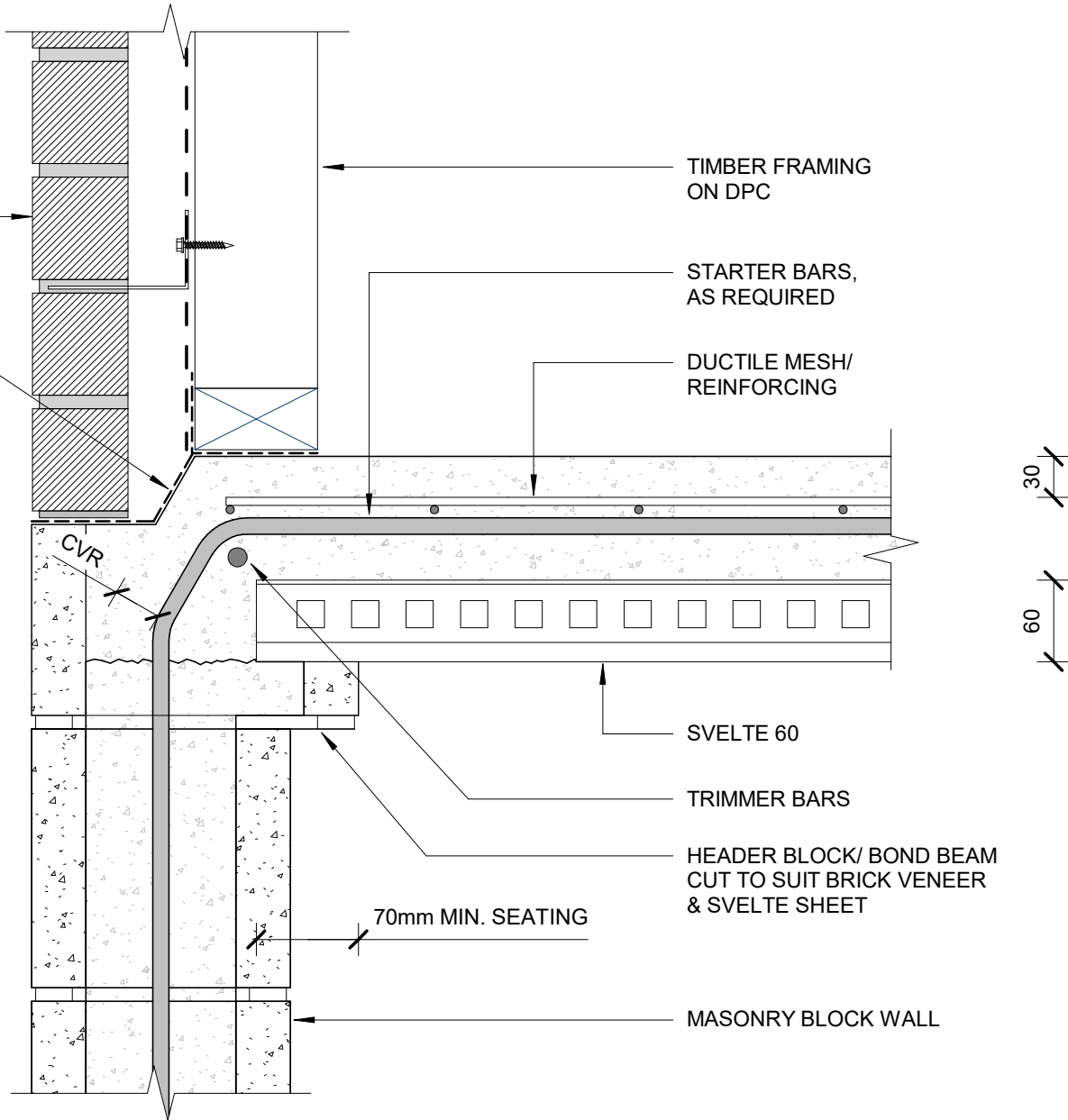


BLOCK SUPPORT PERPENDICULAR TO TRAY SPAN

BRICK VENEER CLADDING &
BRICK TIES IN ACCORDANCE
WITH NZS 3604

WATERPROOF MEMBRANE

REBATE IN ACCORDANCE WITH NZS 3604



TIMBER FRAMING
ON DPC

STARTER BARS,
AS REQUIRED

DUCTILE MESH/
REINFORCING

CVR

SVELTE 60

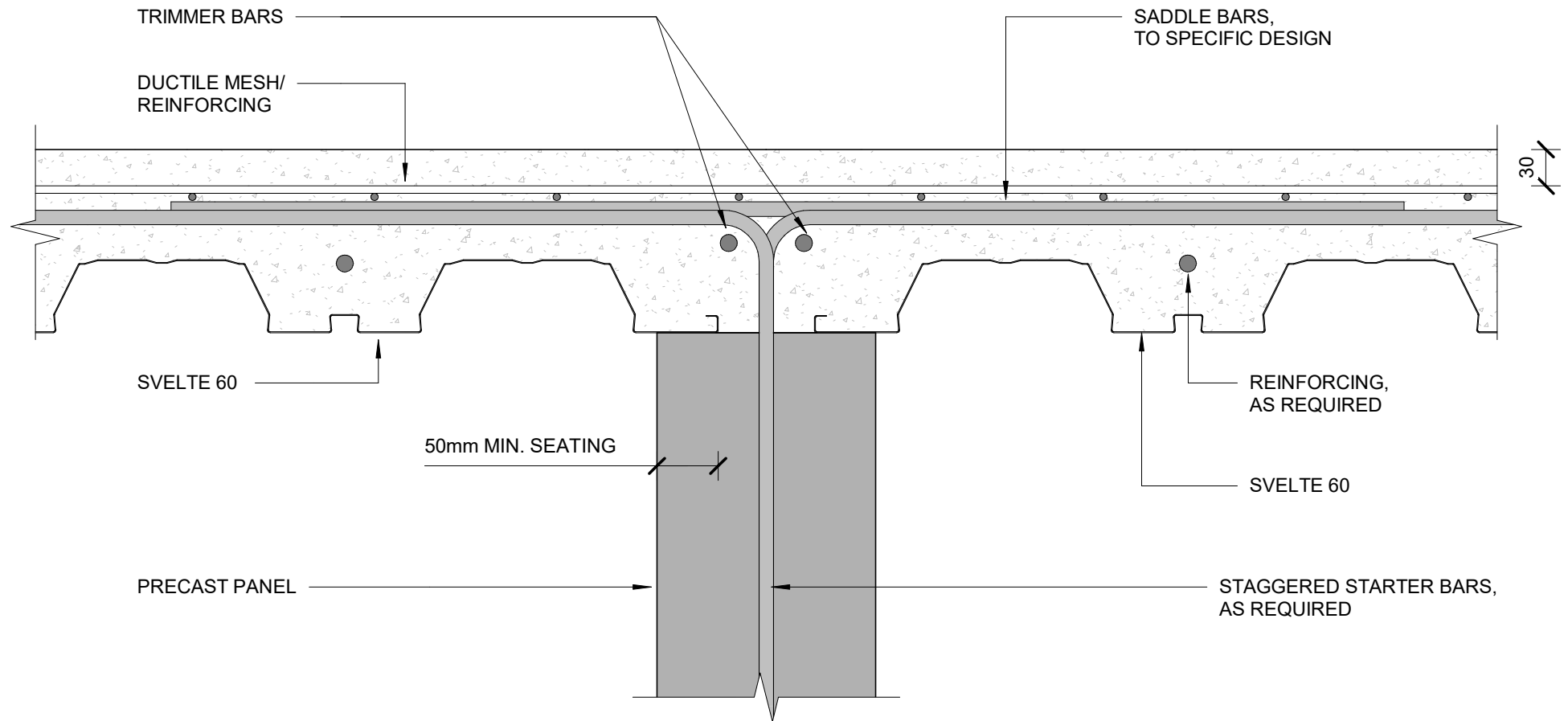
TRIMMER BARS

HEADER BLOCK/ BOND BEAM
CUT TO SUIT BRICK VENEER
& SVELTE SHEET

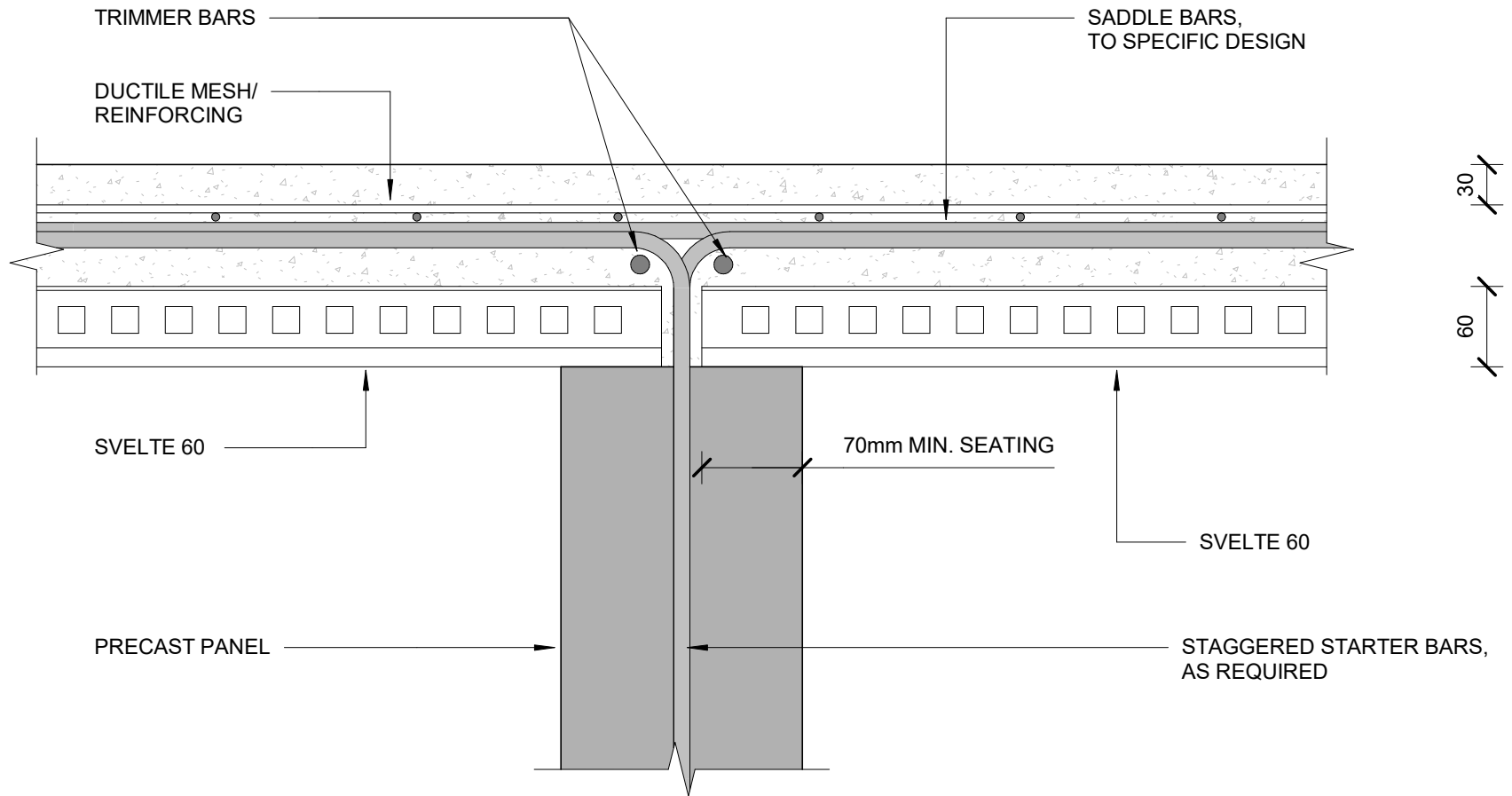
70mm MIN. SEATING

MASONRY BLOCK WALL

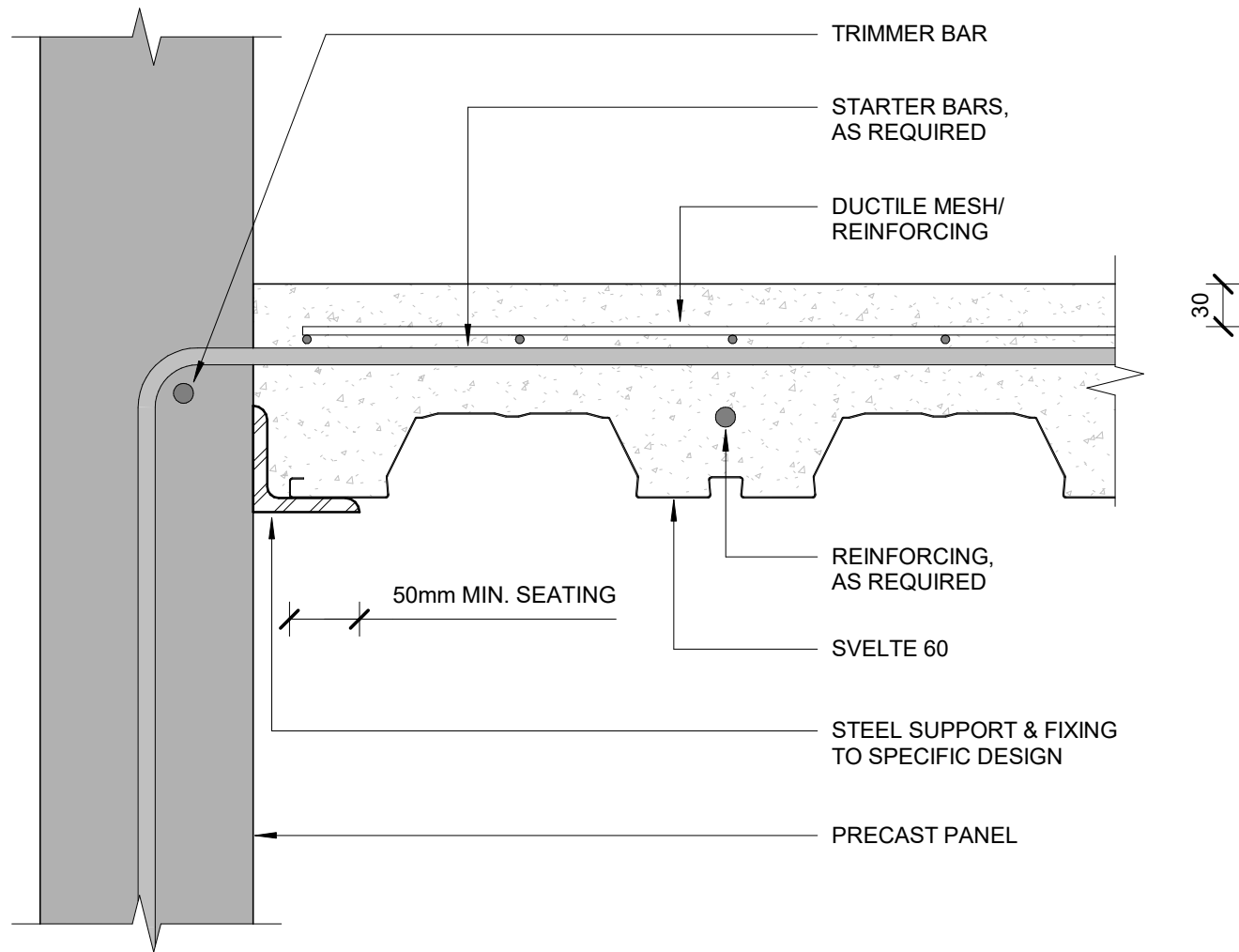
BLOCK SUPPORT PERPENDICULAR TO TRAY SPAN (BRICK VENEER)



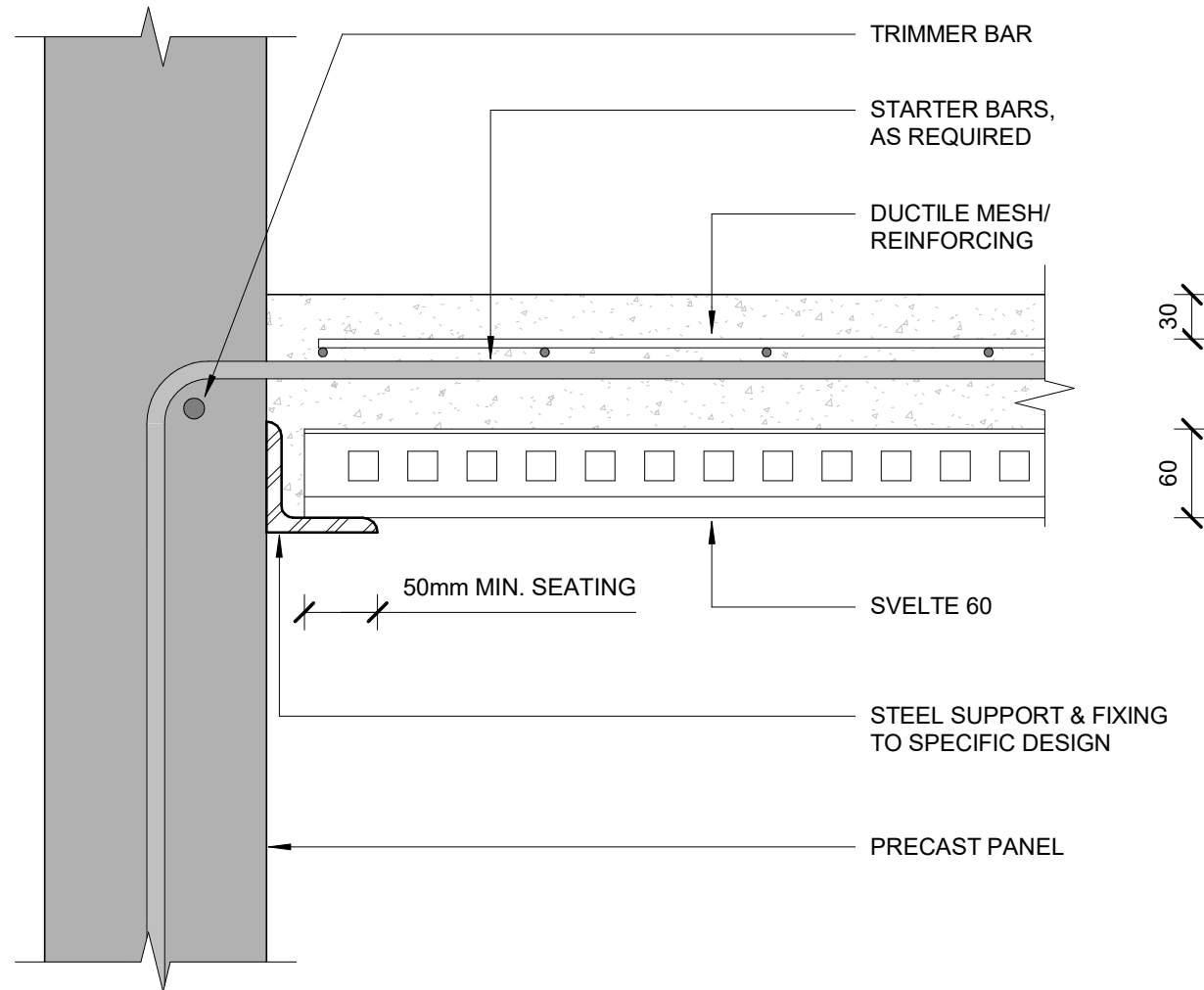
PRECAST PANEL INTERNAL SUPPORT PARALLEL TO TRAY SPAN



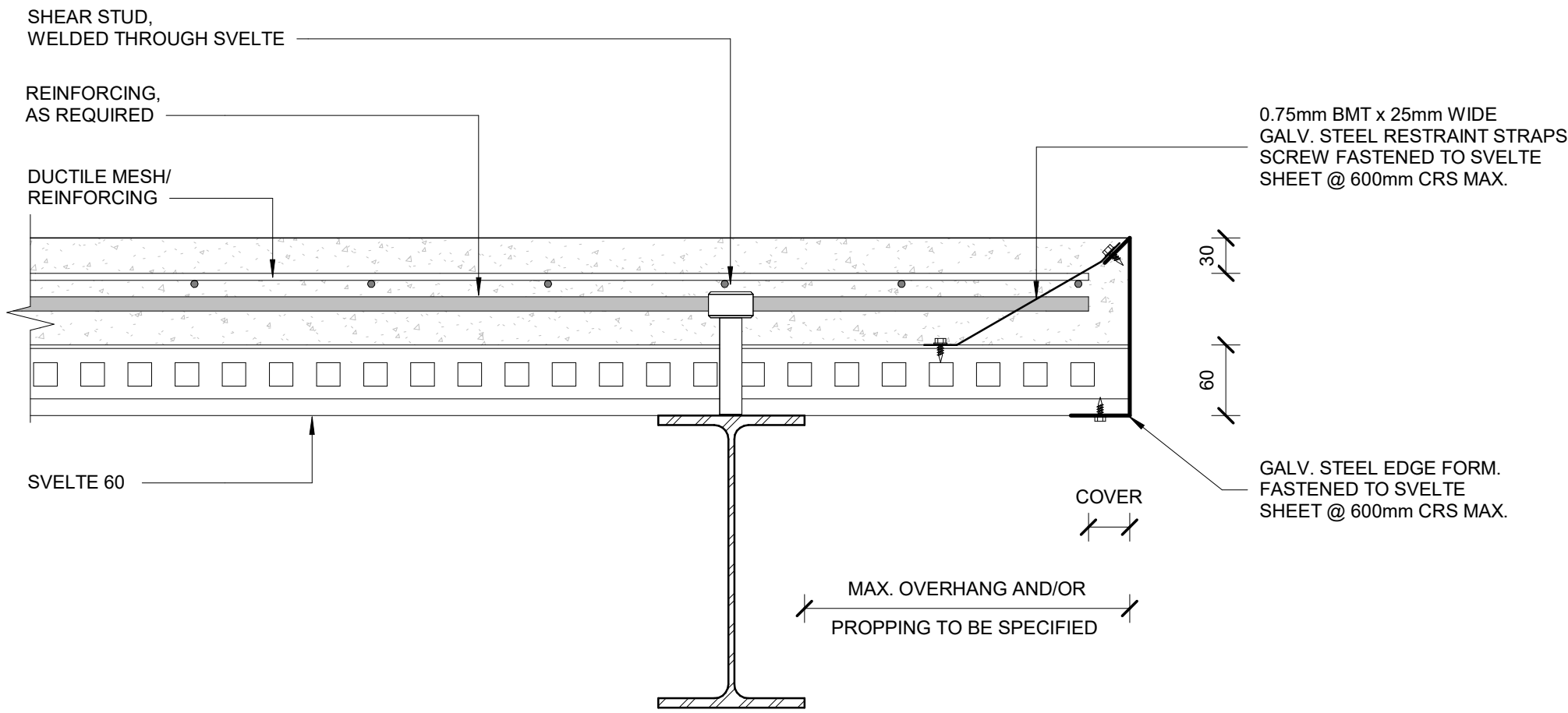
PRECAST PANEL INTERNAL SUPPORT PERPENDICULAR TO TRAY SPAN

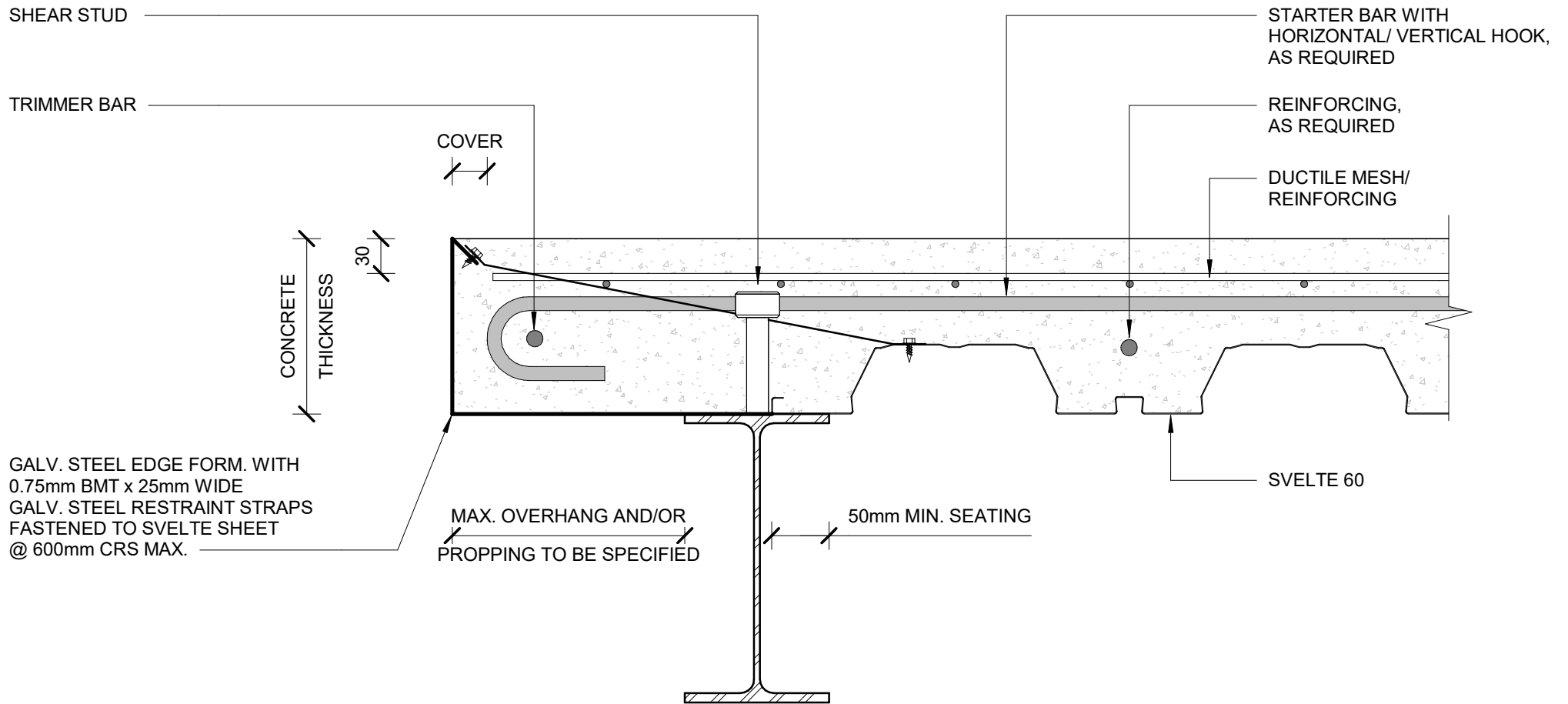


PRECAST PANEL SUPPORT PARALLEL TO TRAY SPAN

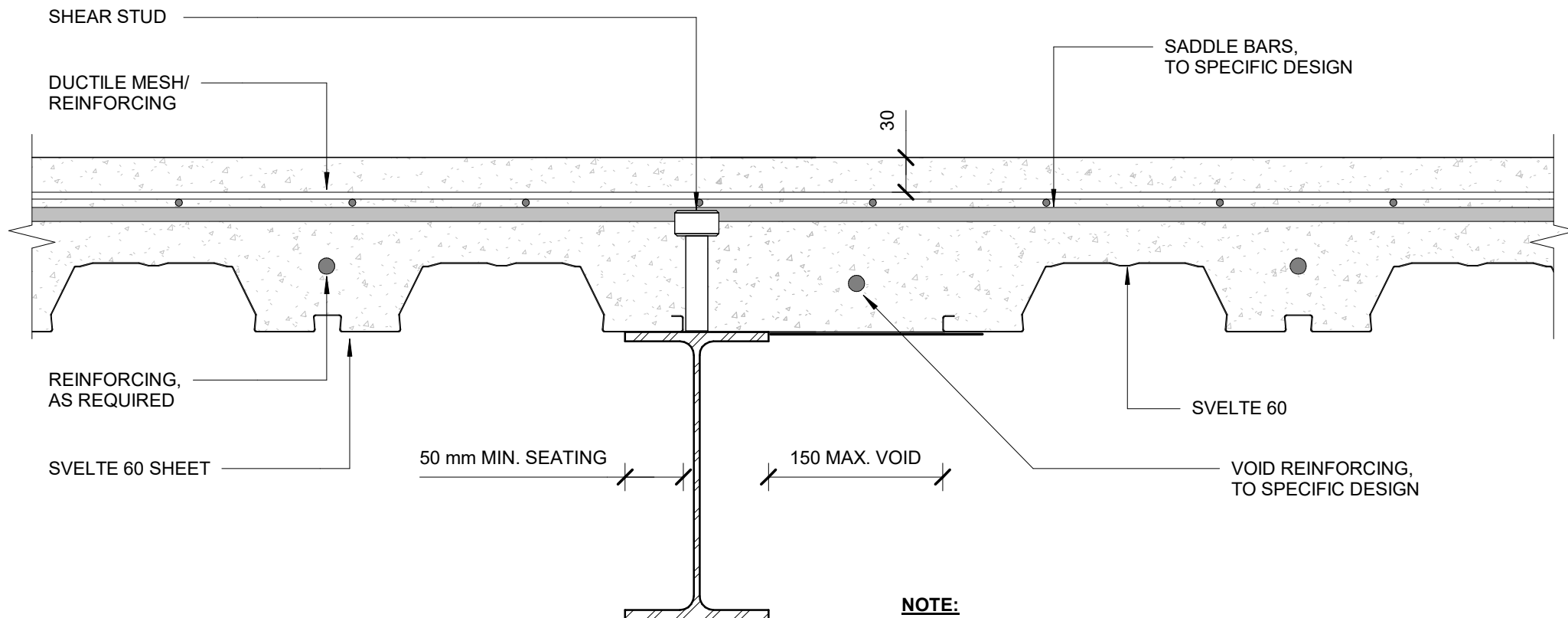


PRECAST PANEL SUPPORT PERPENDICULAR TO TRAY SPAN





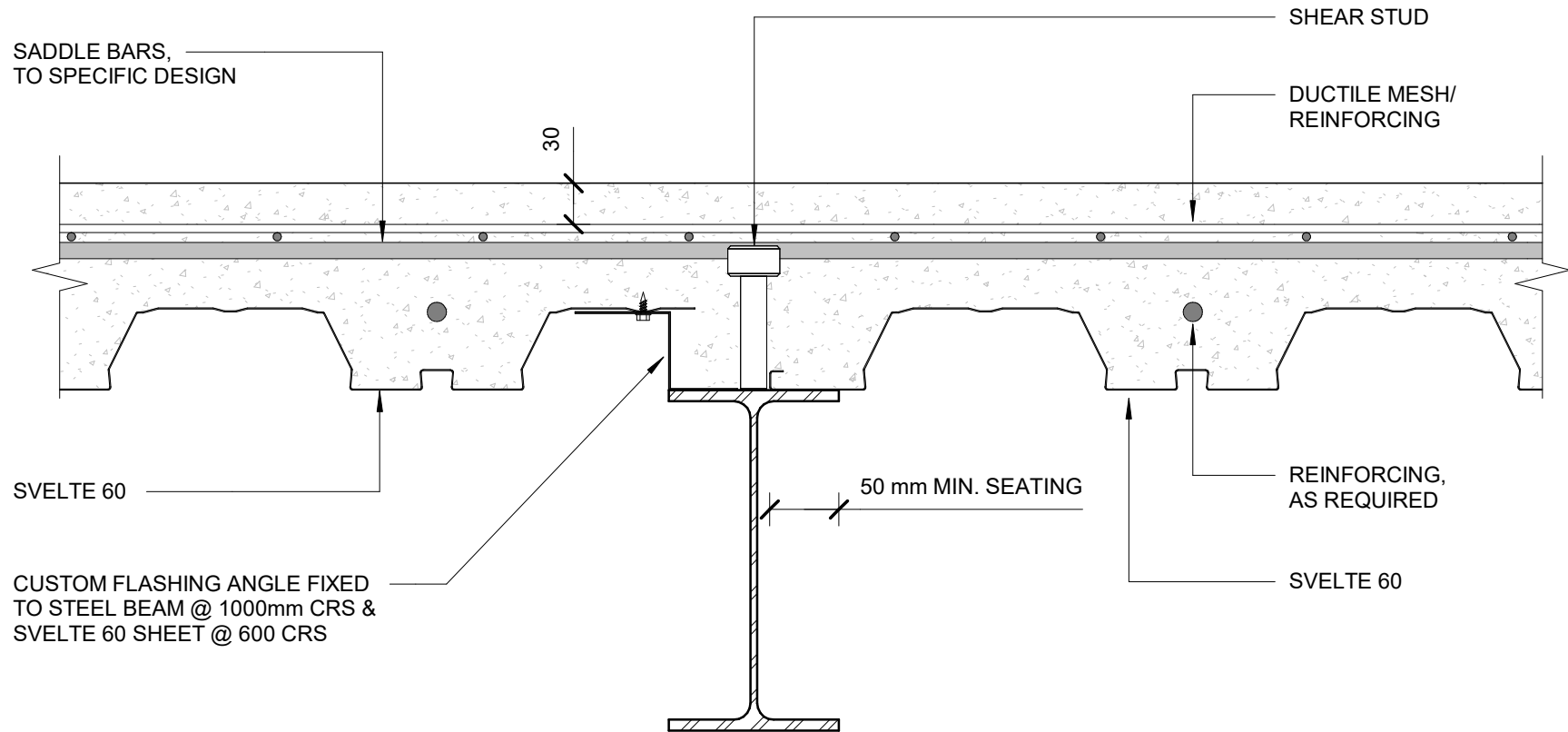
GALV. STEEL EDGE FORM. WITH
0.75mm BMT x 25mm WIDE
GALV. STEEL RESTRAINT STRAPS
FASTENED TO SVELTE SHEET
@ 600mm CRS MAX.



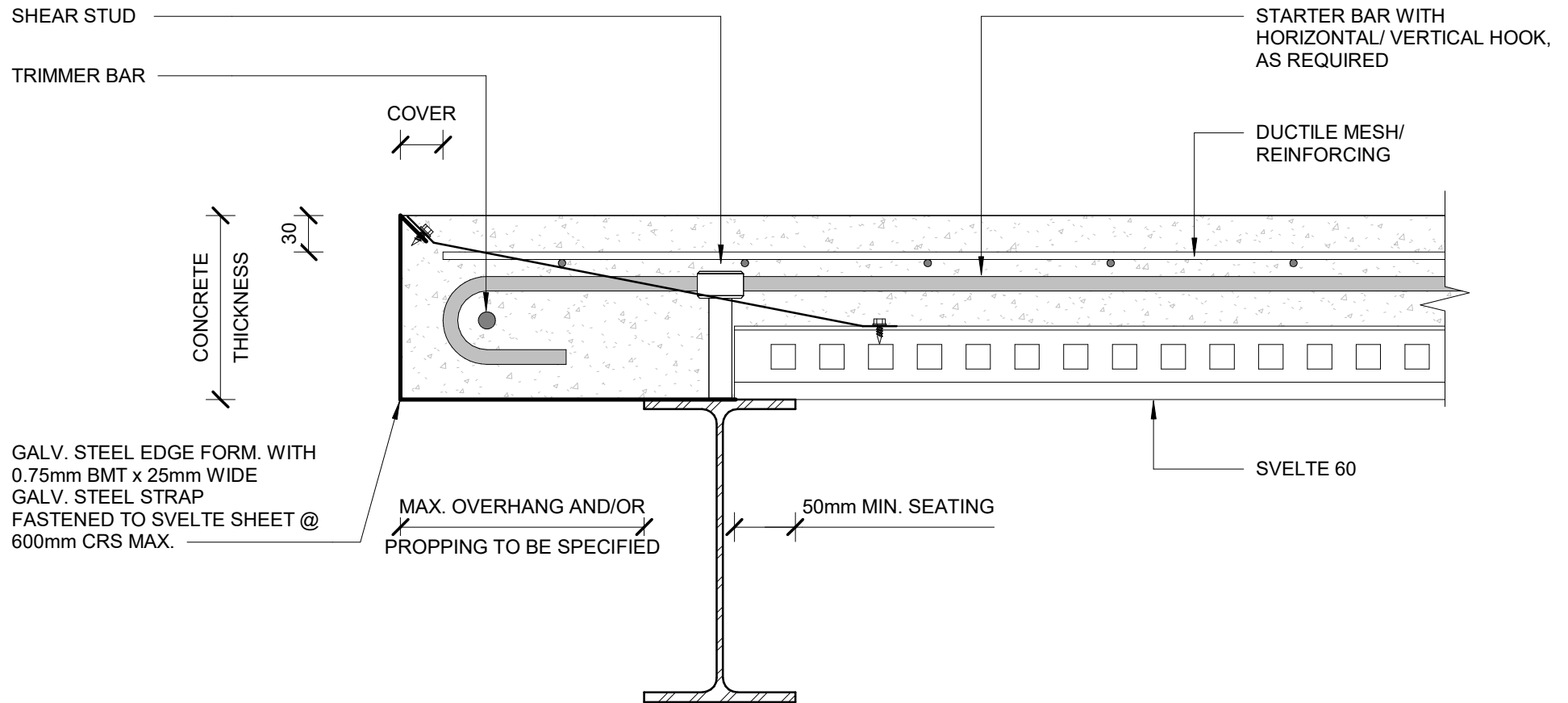
NOTE:
SHOULD THE SUPPORT SET OUT NOT SUIT THE SVELTE SHEET WIDTH LAYOUT A 150mm MAX. ALLOWABLE VOID MAY BE FORMED USING THE FOLLOWING METHODS:

- TIMBER FORMWORK
- SHEET METAL FLASHING FIXED TO SVELTE SHEET & STEEL USING TEK SCREWS @ 300 CRS

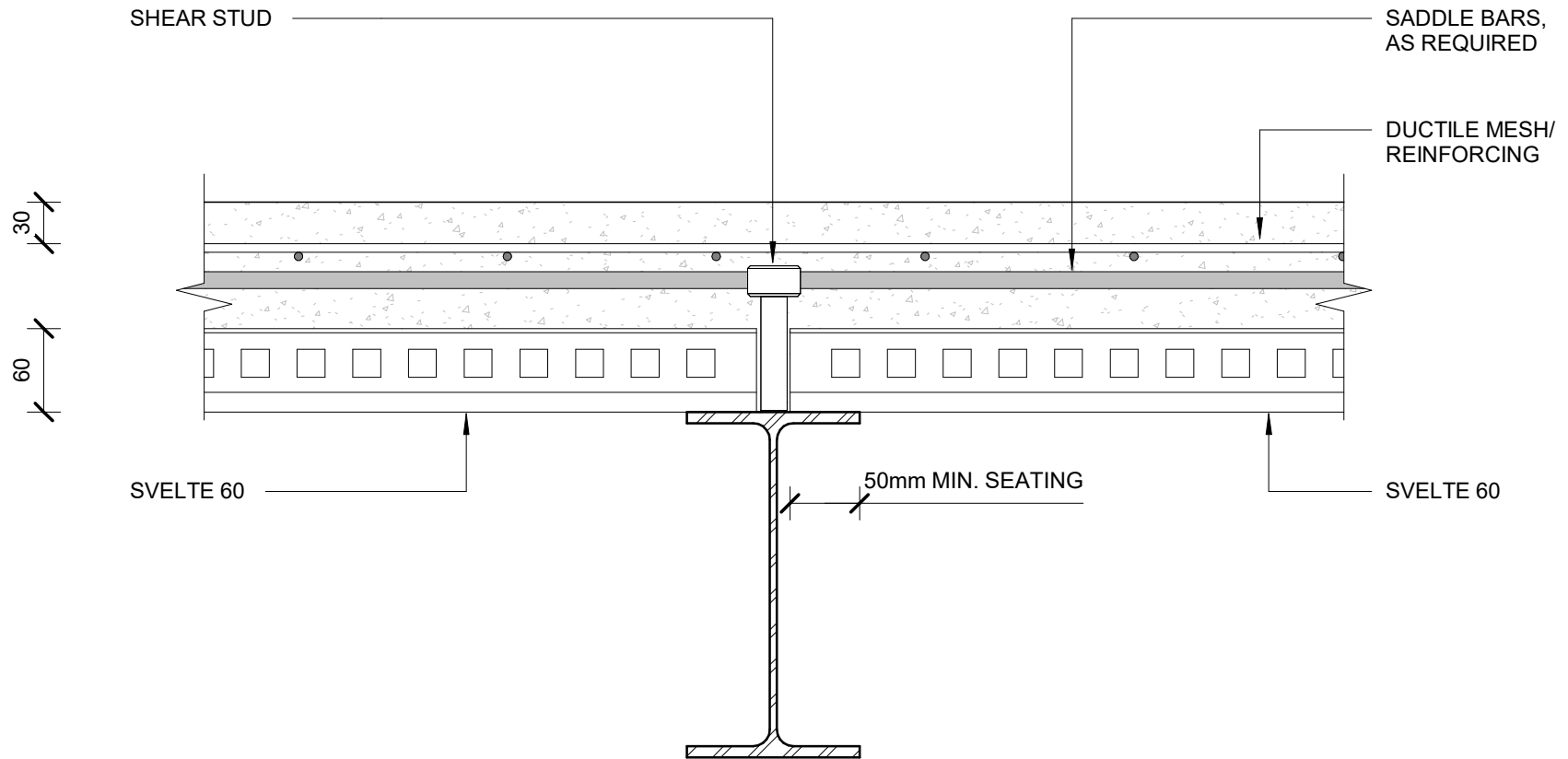
EDGE STEEL BEAM SUPPORT PARALLEL TO TRAY SPAN



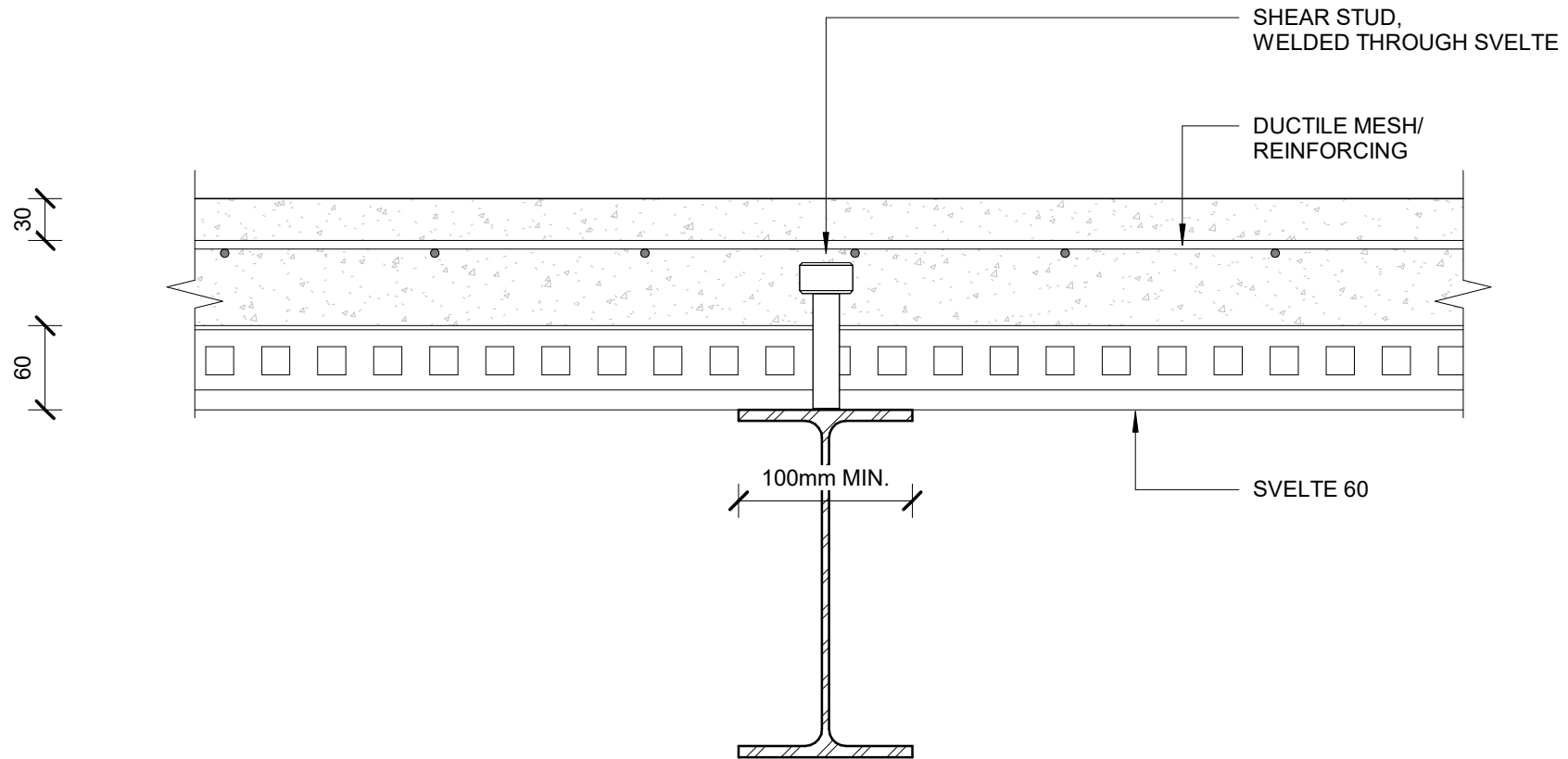
EDGE STEEL BEAM SUPPORT PARALLEL TO TRAY SPAN



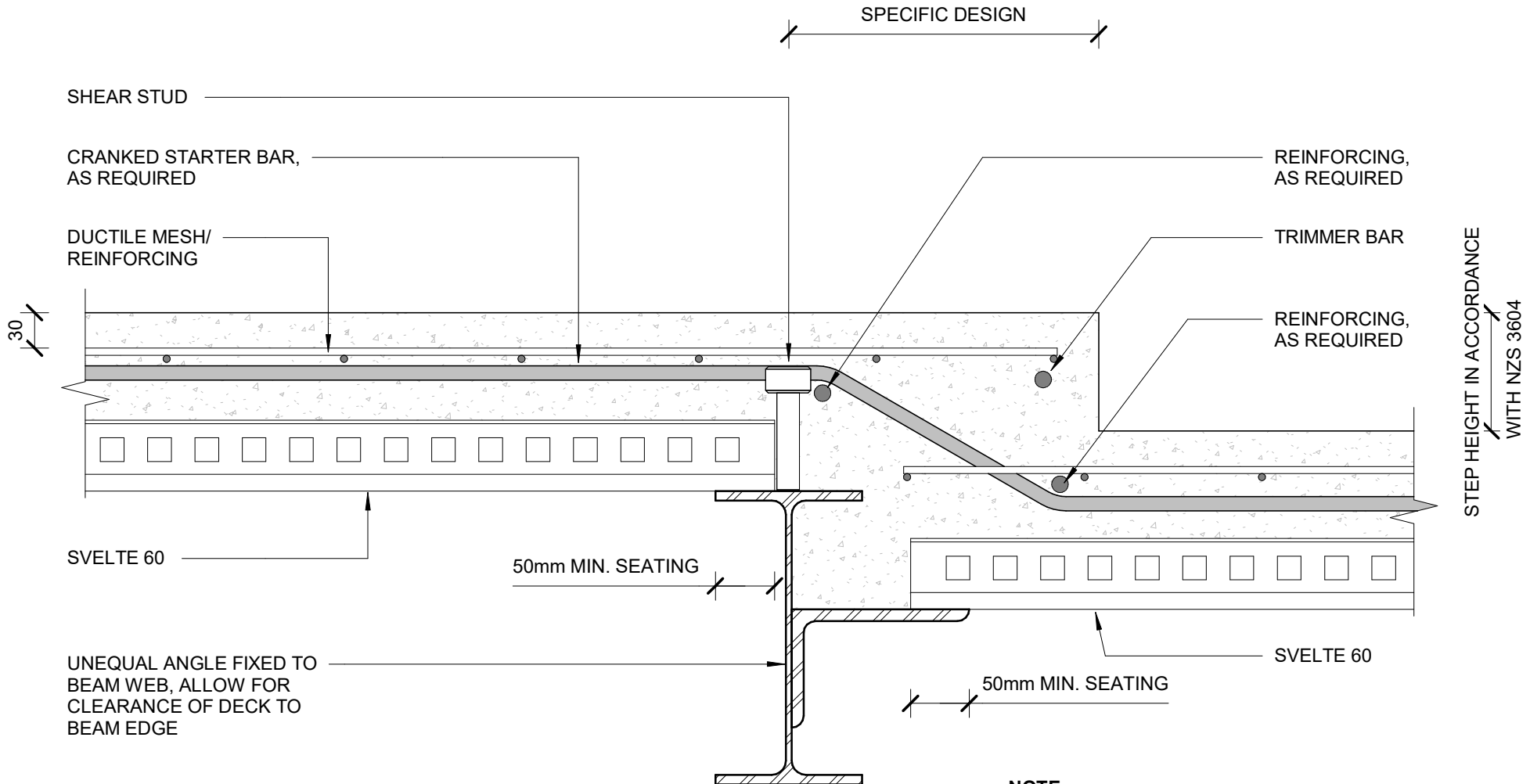
EDGE STEEL BEAM SUPPORT PERPENDICULAR TO TRAY SPAN



STEEL BEAM INTERNAL SUPPORT PERPENDICULAR TO TRAY SPAN

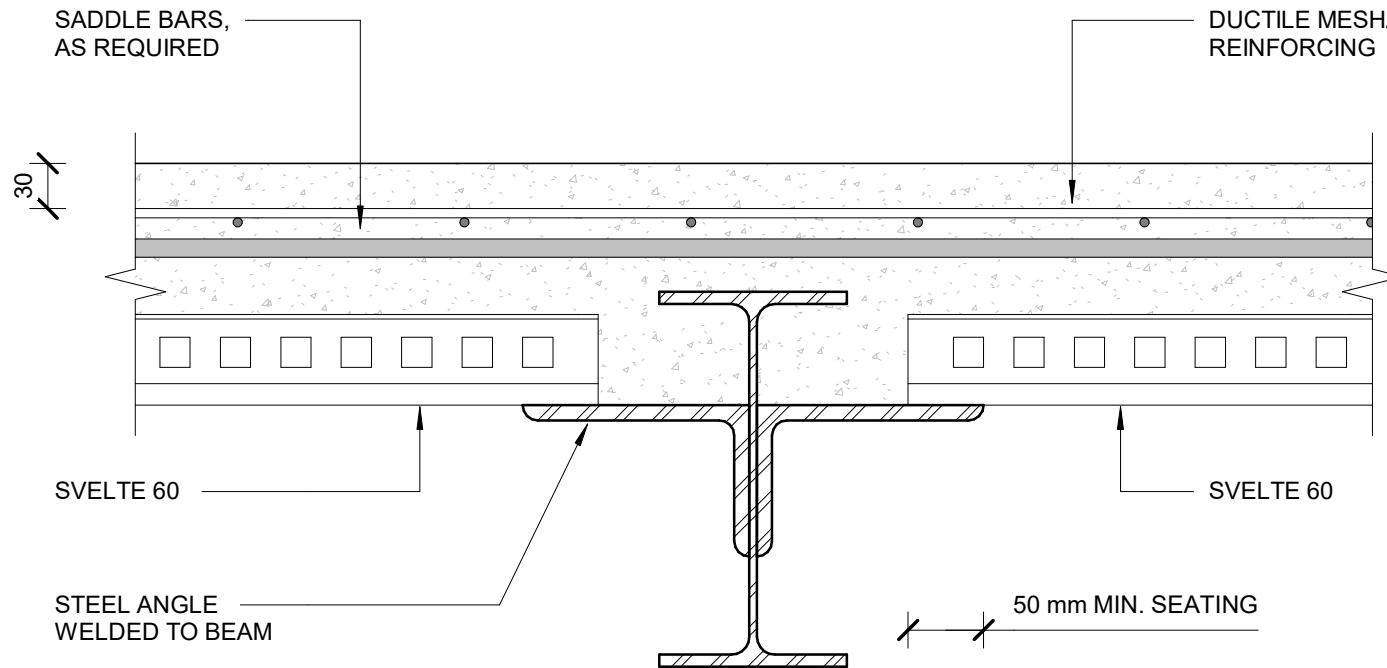


STEEL BEAM SUPPORT CONTINUOUS SPAN

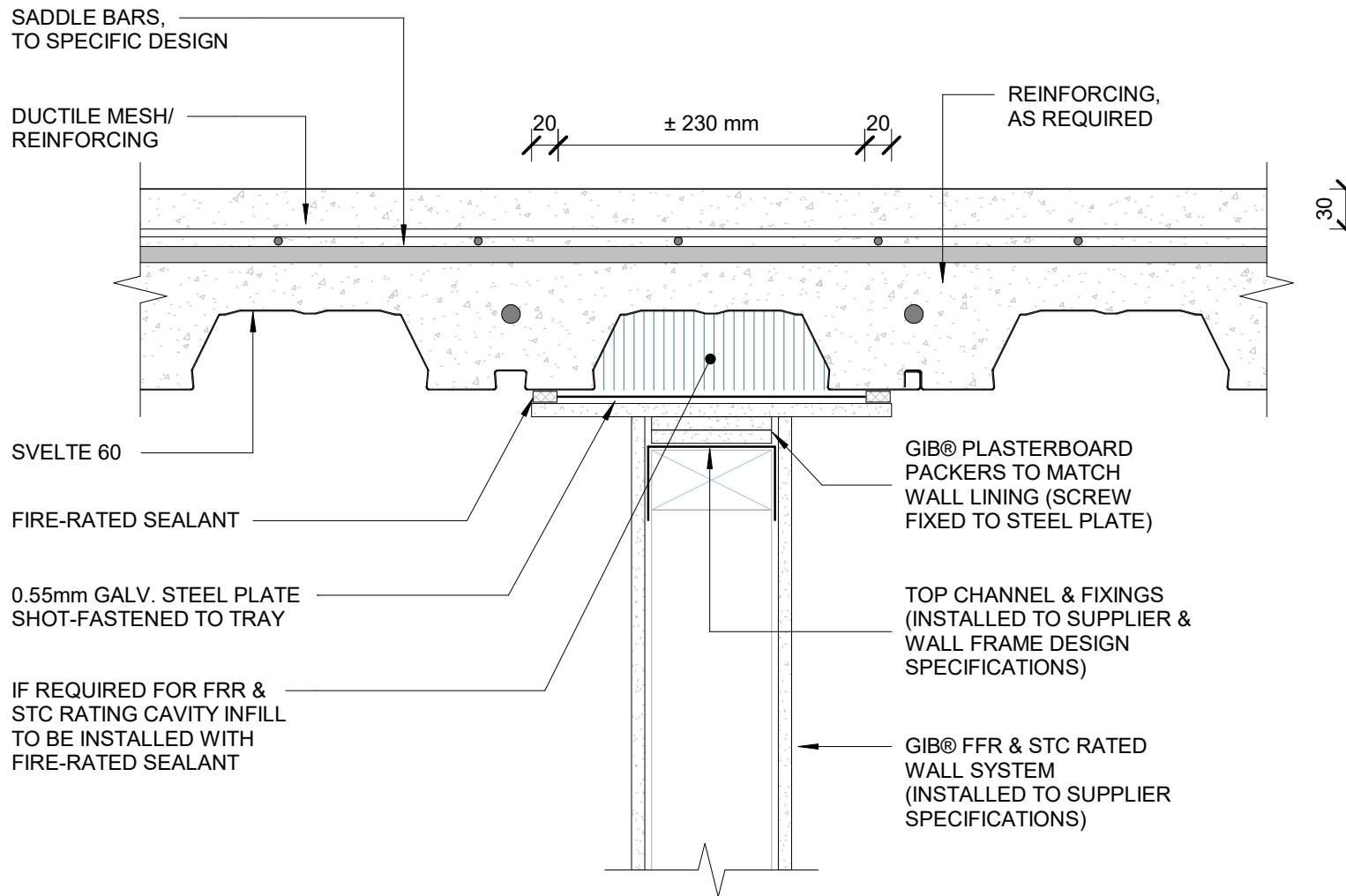


NOTE:
 THE FOLLOWING DETAIL HAS NOT BEEN
 DESIGNED TO CANTILEVER.
 SPECIFIC DESIGN IS REQUIRED FOR
 CANTILEVER.

STEP ON STEEL BEAM SUPPORT



STEEL BEAM SUPPORT INTERNAL SET DOWN

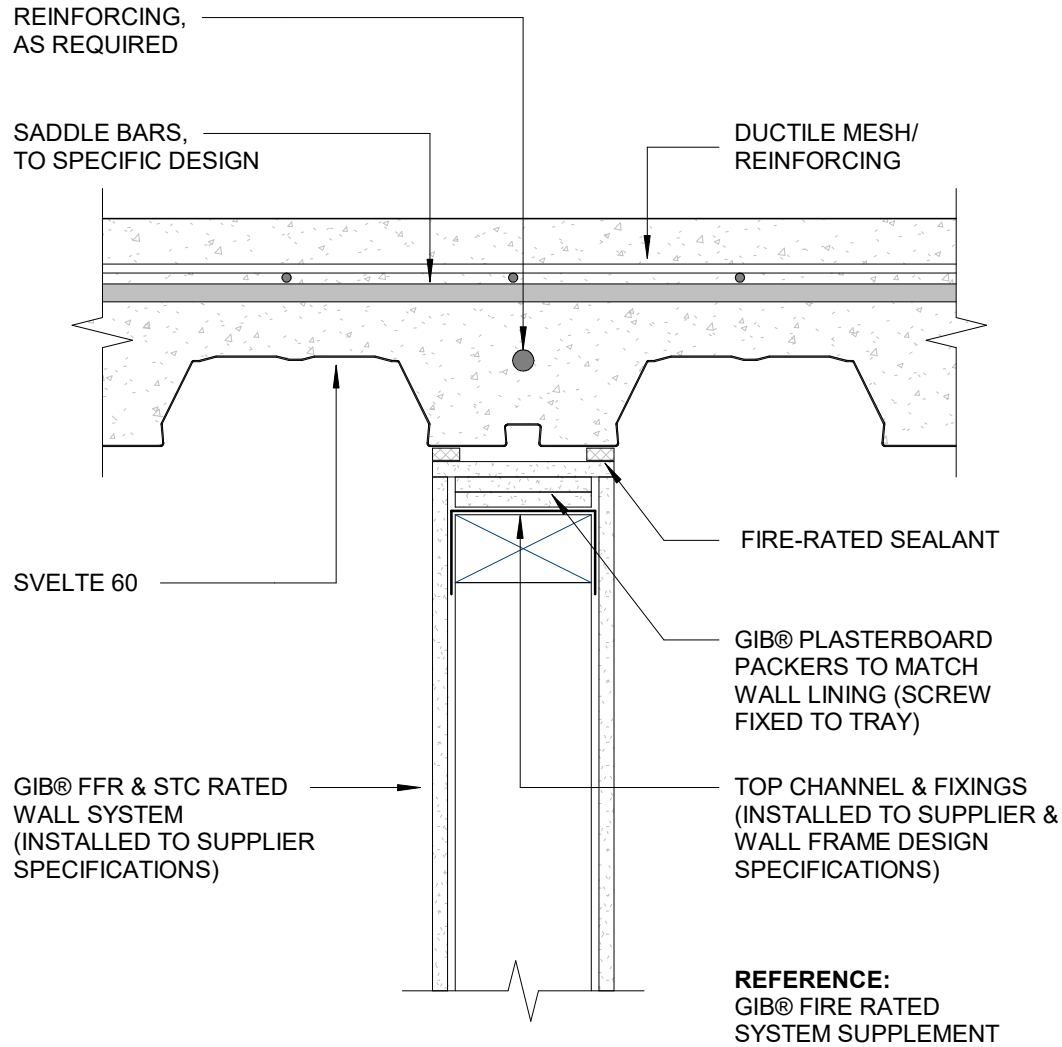


NOTE:
 CAVITY INFILL TO BE BONDED
 MINERAL FIBRE (DENSITY 120kg/m³)
 PROFILED TO FILL SVELTE PROFILE

OPTION 1

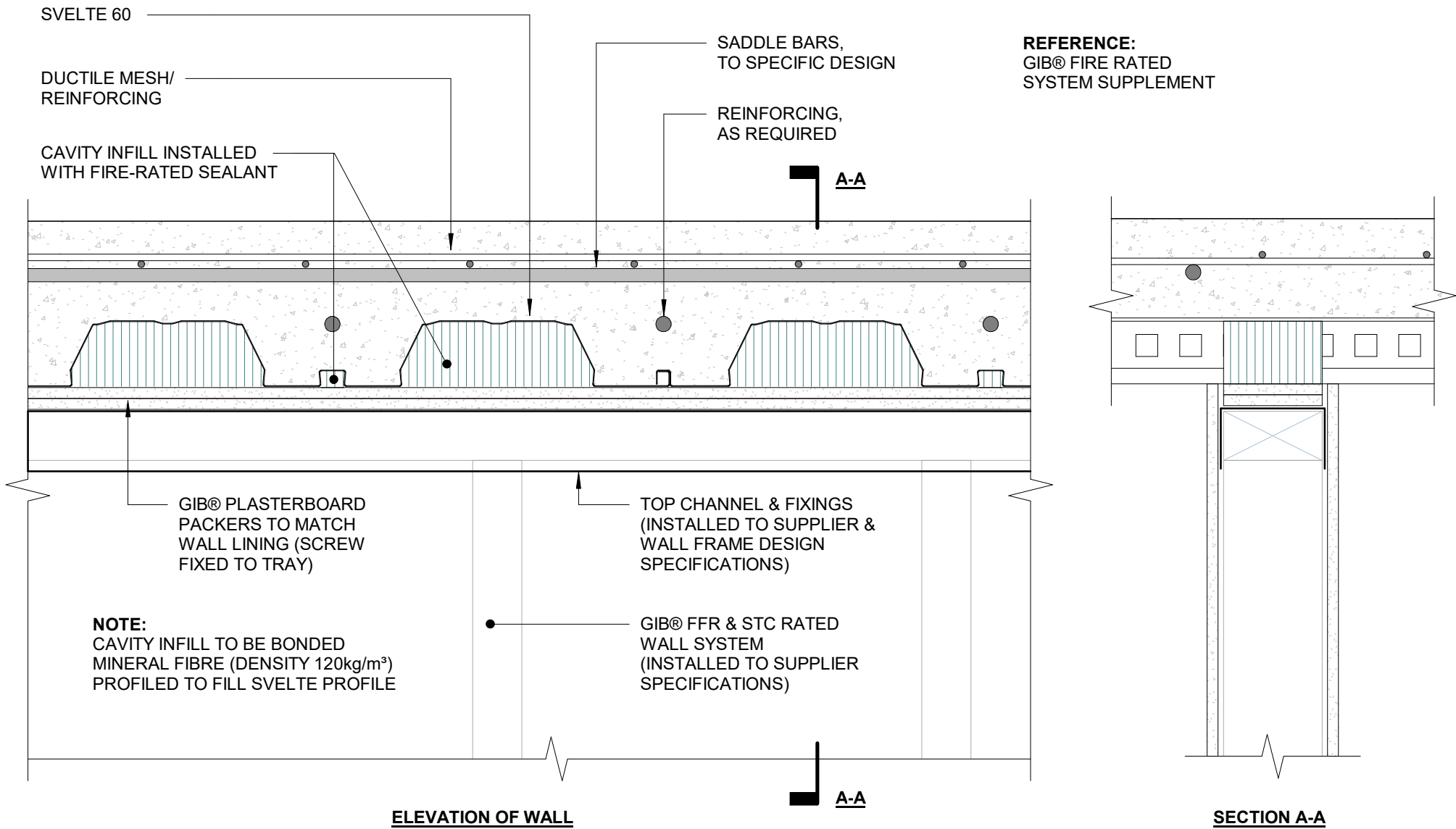
REFERENCE:
 GIB® FIRE RATED
 SYSTEM SUPPLEMENT

FFR & STC RATED GIB WALL SYSTEM PARALLEL TO TRAY (UNDERSIDE JOINT) - OPTION 1



OPTION 2

FFR & STC RATED GIB WALL SYSTEM PARALLEL TO TRAY (UNDERSIDE JOINT) - OPTION 2



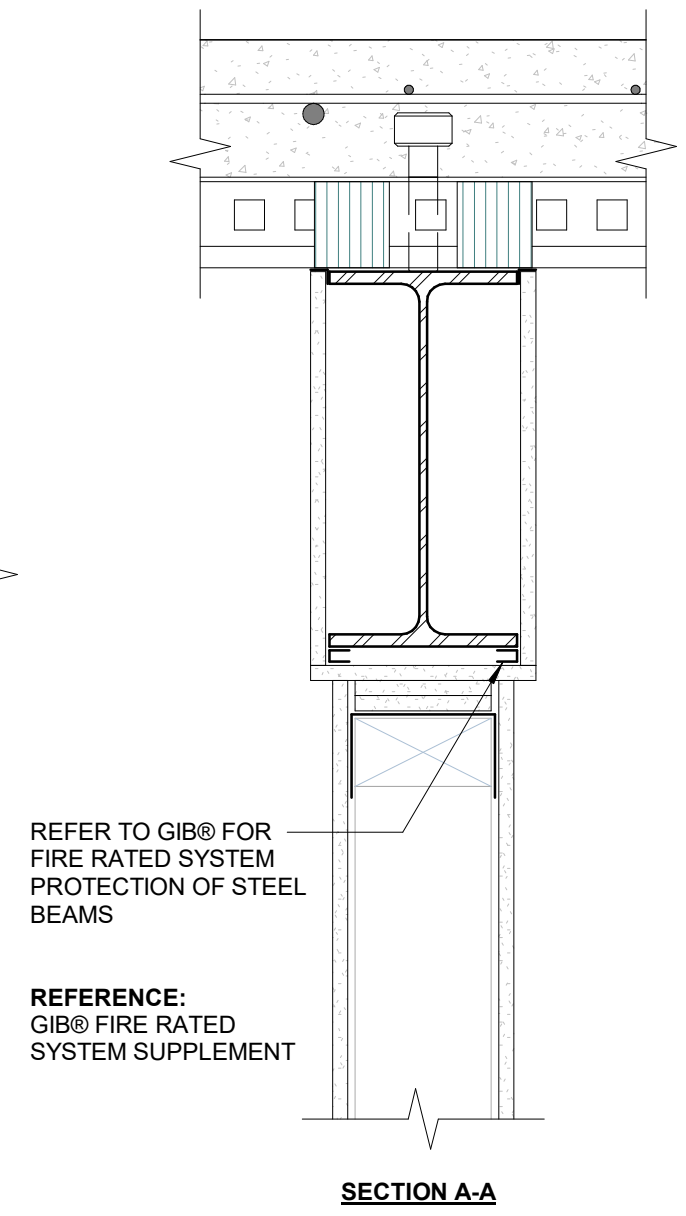
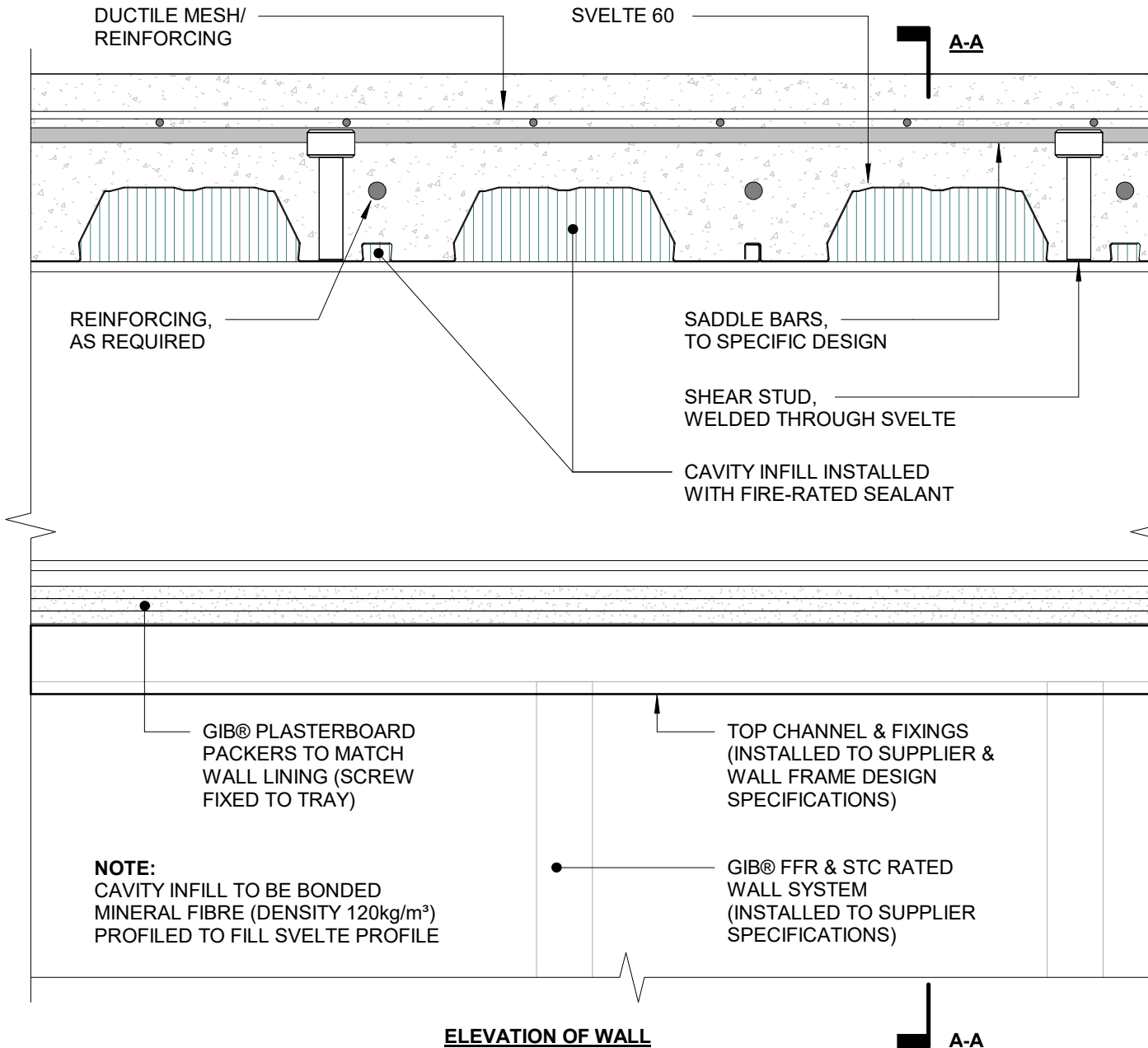
ELEVATION OF WALL

SECTION A-A

FFR & STC RATED GIB WALL SYSTEM PERPENDICULAR TO TRAY (UNDERSIDE JOINT)



DISCLAIMER:
 All details are to be used for indicative purposes only. The engineer should consult Metalcraft Composite Flooring- Steelspec Design Tool and the relevant AS/NZ Standards for the correct specification. Details and Compliance to NZBC regulations of the supporting mechanisms is the responsibility of the engineer.



FFR & STC RATED GIB WALL SYSTEM JOINT TO STEEL BEAM/ PERPENDICULAR TO TRAY



DISCLAIMER:
All details are to be used for indicative purposes only. The engineer should consult Metalcraft Composite Flooring- Steelspec Design Tool and the relevant AS/NZ Standards for the correct specification. Details and Compliance to NZBC regulations of the supporting mechanisms is the responsibility of the engineer.

COMPOSITE STEEL
FLOORING

Rev. 1.0

SVELTE 60

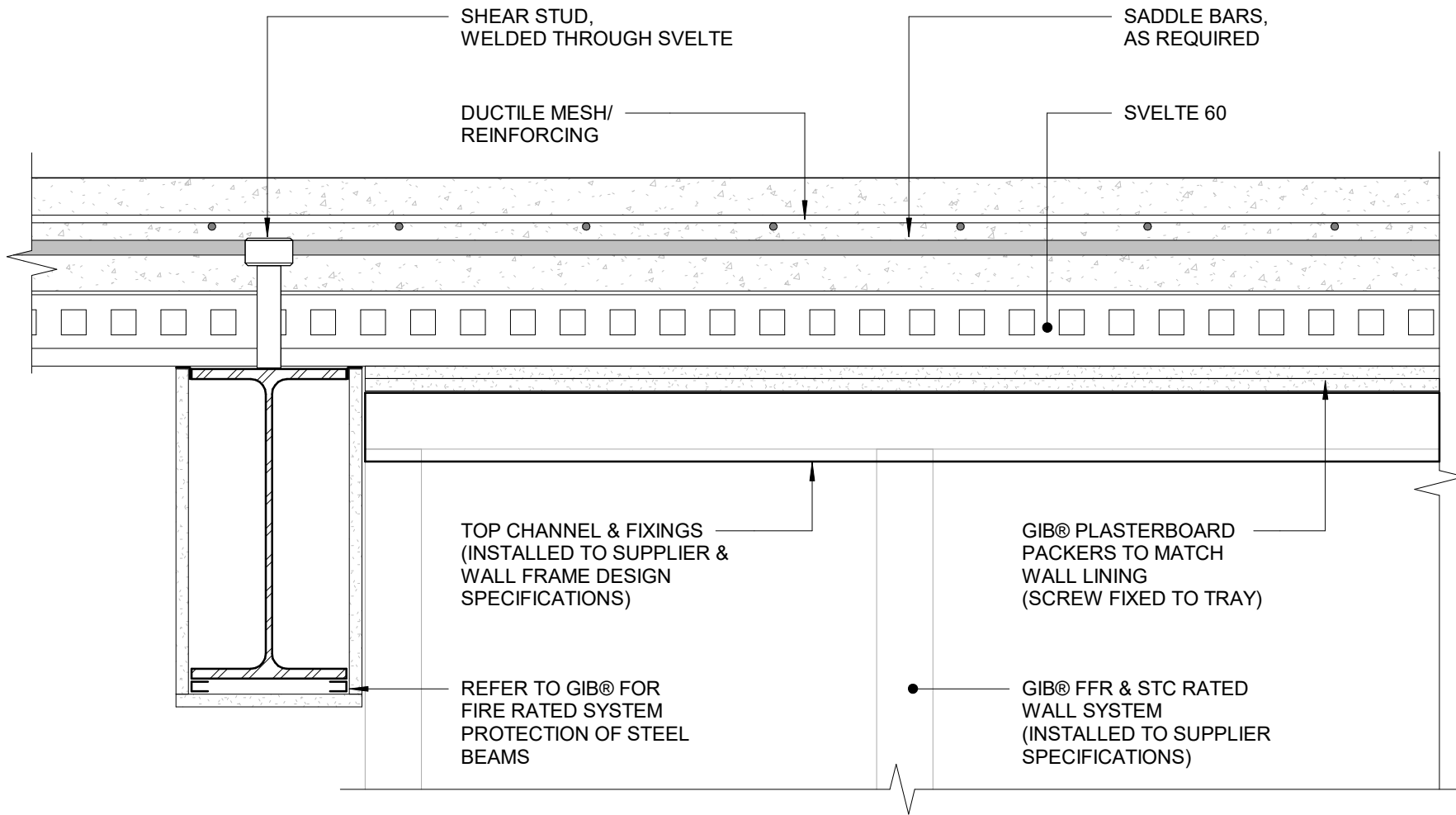
Reference Designer

Date 20.07.2022

Scale 1 : 5

Sheet

SV60/24



ELEVATION OF WALL

REFERENCE:
GIB® FIRE RATED
SYSTEM SUPPLEMENT

FFR & STC RATED GIB WALL SYSTEM JOINT TO STEEL BEAM/ PARALLEL TO TRAY

**COMPOSITE STEEL
FLOORING**

Rev. 1.0

SVELTE 60

Reference Designer

Date 20.07.2022

Scale 1 : 5

Sheet

SV60/25

DISCLAIMER:
All details are to be used for indicative purposes only. The engineer should consult Metalcraft Composite Flooring- Steelspec Design Tool and the relevant AS/NZ Standards for the correct specification. Details and Compliance to NZBC regulations of the supporting mechanisms is the responsibility of the engineer.