

**FIXED FURNITURE DETAILS: ADJUSTABLE SHELVING**

Shelf widths 300, 500, and 600mm.

Legend:

- 18 mm thick MDF with high pressure plastic laminate. Sides of shelves to be finished with coloured core edging to match colour of shelves.
- Proprietary double slot adjustable cantilever system - heavy duty double slotted powder coated supporting channel uprights spaced at maximum 600 mm centres and fixed to wall with countersunk fixings in accordance with manufacturers instructions. No cantilevered ends to exceed 150 mm, or 1/6th of overall length. U-section steel brackets, powder coated - 270 mm bracket (80 kg capacity) for 300 wide shelves and 470 mm bracket for 500 wide shelves. Shelves shall be fixed to brackets using manufacturers clips fitted to the side of brackets and screwed, or with lug to secure shelves in drill holes from underneath.

**SCHEDULE OF SHELVING:**

ROOM NAME:	WIDTH:	NO. OF TIERS:
CLEANER'S STORE	300	5
LIBRARY - AV STORE	500	3
LIBRARY - BOOK STORE	300	2/5
STORE ROOMS	300/600	4
SCIENCE PREP. ROOMS	300	4
SCIENCE CHEM. STORE	500	3
LEARNING SUPPORT STORE	300/600	3
ARTS/CRAFTS ROOM	300	3/5
HOME ECONOMICS	300/600	5
DRESS DESIGN	300/500	5

**Minimum Standards for materials and finishes:**

Core material for worktops, doors and carcasses:

Dry Fibre Board (MDF) to I.S. EN 622-5 Class E1 formaldehyde content tested to EN 120.

Moisture resistant board to I.S. EN 622-5 MDF-H, class E1 formaldehyde content tested to EN 120.

Core materials to be finished with plastic laminates to comply with I.S. EN 438, grade HGS/HGP (including vertical panels, shelves and doors). Balancing laminate to be used in all cases.

Edges of all laminated panels (if not postformed) to be finished with solid colour laminate (2 mm thickness), PVC or hardwood edges to seal all edges.

Solid timber to comply with IS EN 942, Class J10, FSC/PEFC chain of custody certification required for all timber and timber products, including MDF.

Metal frames:

Generally 60x30 mm mild steel frame with welded end caps and adjustable feet. Epoxy powder coated to selected RAL colour.

Ironmongery:

Stainless steel door handles, reversed fixed through doors. High quality stainless steel or nickel plated self-closing hinges (180°) and high quality cylinder style lock on masterkey system to suit the school's requirements.

Hardwood plinth size to be coordinated with skirting height in rooms.

**Note:**

Alternative materials and finishes of equal or higher specification and performance are permitted.

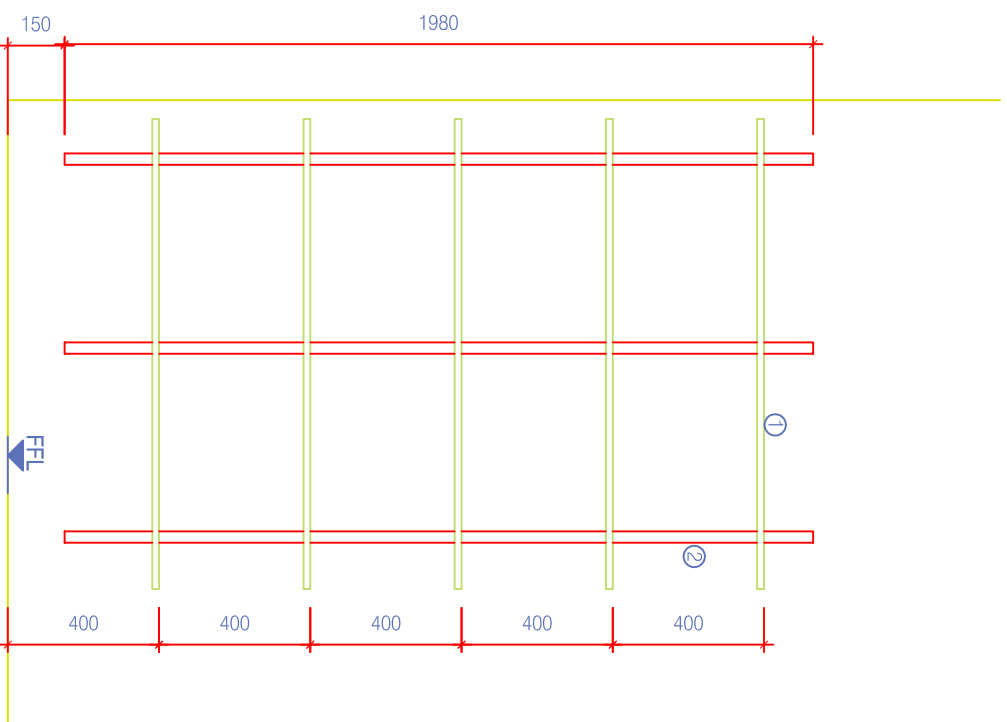
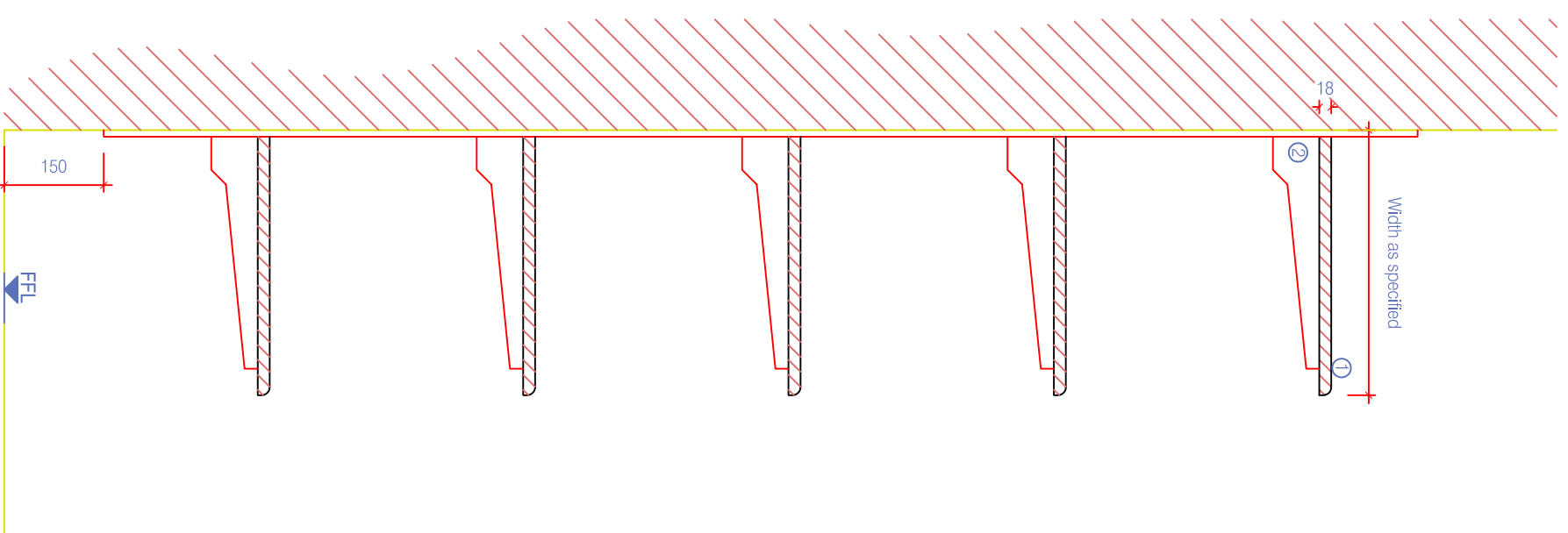
Drawings to be read in conjunction with specification.

**ADJUSTABLE SHELVING - AS**

SCALE:	1:10,20
DRG No:	003
DATE:	JUNE '10
CHECKED BY :	-
PREPARED BY:	-

REVISION:	
REMARKS:	

**section 1:10**



**typical elevation 5 tier shelving  
1:20**

