

5-SHELF STEEL RACK

H = 1.80 m (HEIGHT STARTS FROM LOWER SHELF)

W = 0.50 m, L = 1.20 m

(EXCLUDING WHEELS HEIGHT)

MAIN FRAME
ANGLE BAR
2" x 2" x 3 mm

SHELF FRAME
ANGLE BAR
2" x 2" x 3 mm

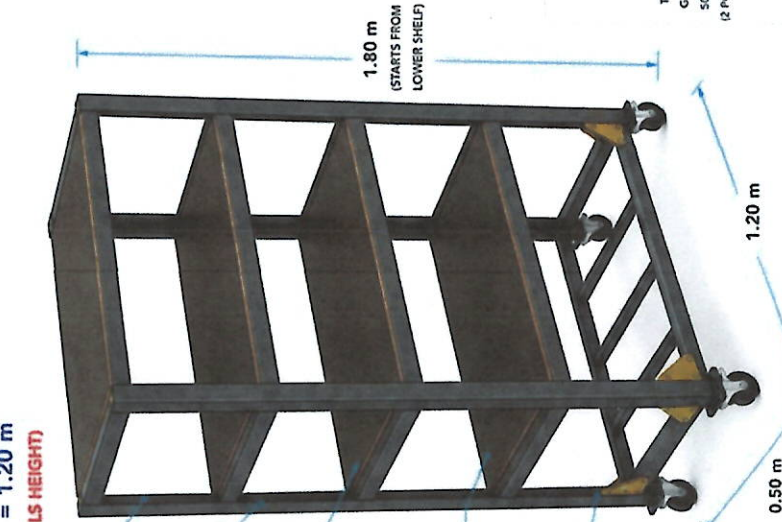
SHELF BRACING
FLAT BAR
1-1/2" x 3/16" x 20"
(3 INNER BRACES
EVERY 0.30 m)

SHELVES (4 LEVELS)
3/4" THK.
PHENOLIC BOARD

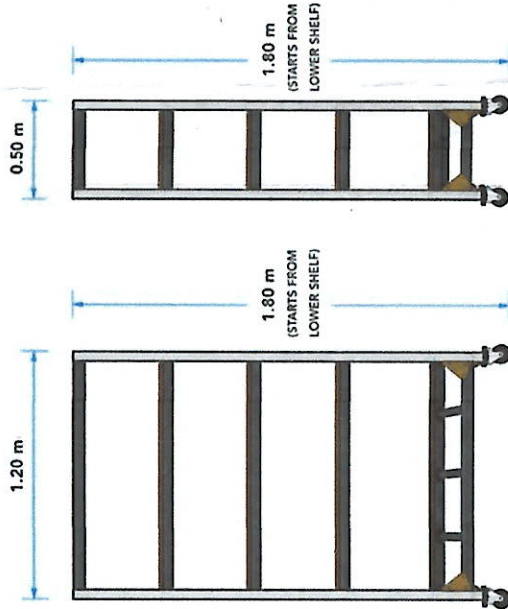
LOWER SHELF FRAME
ANGLE BAR
2" x 2" x 3 mm

5" HEAVY-DUTY
SWIVEL CASTER
(2 WITH BRAKE)

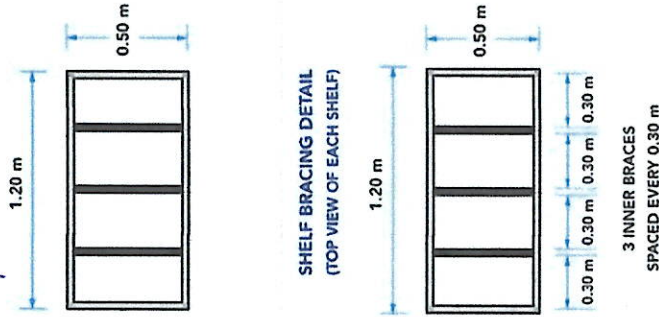
FRONT VIEW



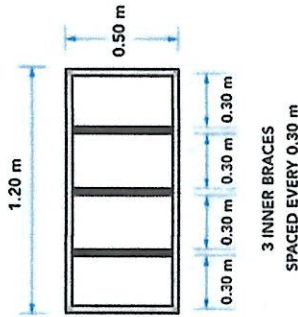
SIDE VIEW



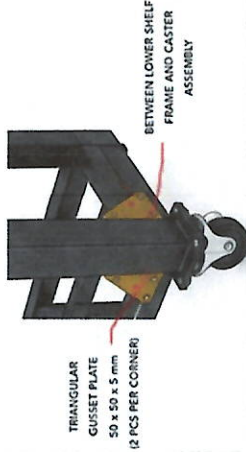
TOP VIEW



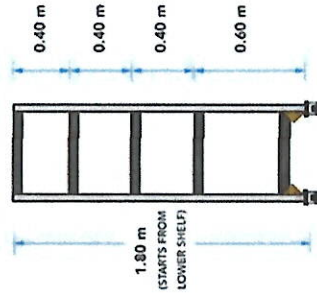
SHELF BRACING DETAIL
(TOP VIEW OF EACH SHELF)



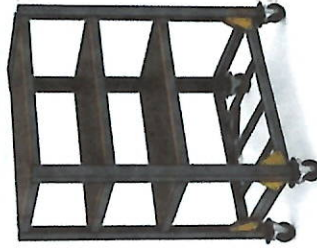
GUSSET DETAIL AT CASTER CORNER



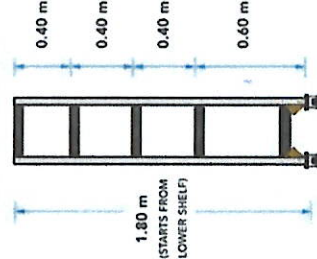
FRONT VIEW (SPACING)



ISOMETRIC VIEW (REAR)



SIDE VIEW (SPACING)



SPECIFICATIONS

- Overall Size (L x W x H) : 1.20 m x 0.50 m x 1.80 m (height starts from lower shelf)
- Number of Shelves : 5 levels (4 shelves with phenolic board, 1 lower open shelf)
- Shelf Size (L x W) : 1.20 m x 0.50 m
- Shelf Board (4 Levels) : 3/4" thk. Phenolic Board
- Shelf Frame (All Levels) : Angle Bar 2" x 2" x 3 mm
- Shelf Bracing (All Levels) : Flat Bar 1-1/2" x 3/16" x 20" 3 inner braces every 0.30 m
- Main Frame : Angle Bar 2" x 2" x 3 mm
- Lower Shelf (Open) : Angle Bar Frame with 3 inner Braces
- Gusset Plate (Corners) : 50 x 50 x 5 mm (2 pcs per corner)
- Casters : 5" Heavy-Duty Swivel (2 with Brake)
- Caster Mounting Plate : 120 x 120 x 8 mm Steel Plate

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LOCAL GOVERNMENT UNIT OF TABACO
TABACO CITY-ALBAY

OFFICE OF THE CITY ARCHITECT/
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PROJECT TITLE:

FABRICATION OF STEEL RACK

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