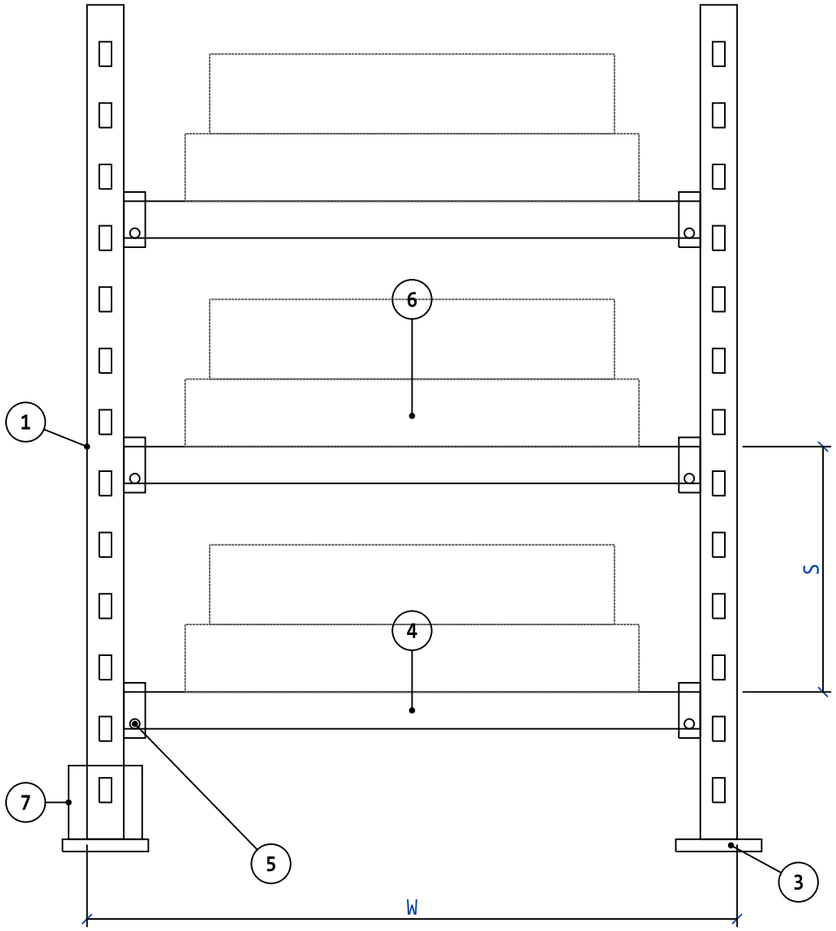
FRONT ELEVATION - ONE BAY

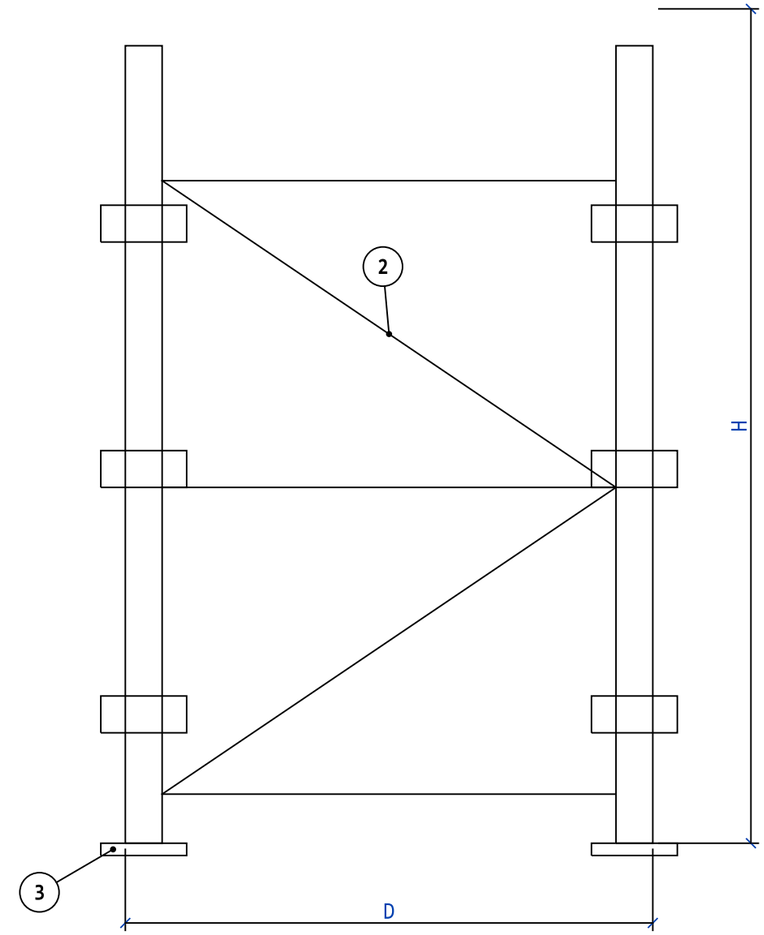
NOT TO SCALE



THE BEAMS HANG ON THE UPRIGHTS BY HOOKS AND ARE HELD BY A SAFETY LOCK
THE PALLETS AND THE CARTONS ARE DASHED: THEY ARE NOT PART OF THE RACK
W IS THE WIDTH OF THE BAY; S IS THE SPACING OF THE BEAM LEVELS

END ELEVATION - UPRIGHT FRAME

NOT TO SCALE



THE BRACING KEEPS THE FRAME UPRIGHT AND CARRIES THE UPRIGHTS TOGETHER
D IS THE DEPTH OF THE FRAME; H IS ITS HEIGHT

NOTES

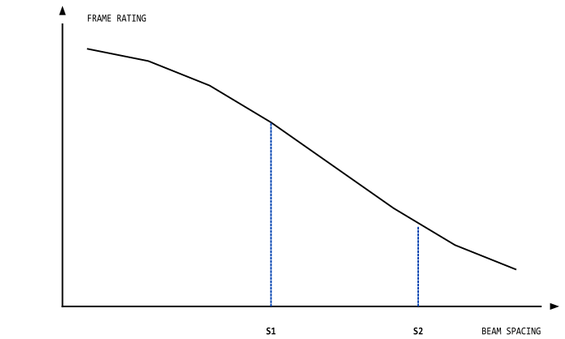
1. REFERENCE ARRANGEMENT OF A SELECTIVE PALLET RACK. LETTERS ARE DIMENSIONS SET BY DESIGN: NO CAPACITY, LOAD, HEIGHT, SPACING OR SPAN VALUE IS GIVEN.
2. THE FRONT ELEVATION SHOWS ONE BAY: TWO UPRIGHT FRAMES ON BASE PLATES, BEAMS AT THREE LEVELS WITH A HOOK CONNECTOR AND A SAFETY LOCK AT EACH END, AND A COLUMN GUARD. W IS THE WIDTH OF THE BAY AND S THE SPACING OF THE BEAM LEVELS. THE PALLETS ARE DASHED: THEY ARE NOT PART OF THE RACK.
3. THE END ELEVATION SHOWS ONE UPRIGHT FRAME: TWO UPRIGHTS, TIES AND DIAGONAL BRACING, AND THE BEAM ENDS. D IS THE DEPTH OF THE FRAME AND H ITS HEIGHT.
4. DETAIL A: THE RATING OF THE UPRIGHT FRAME FALLS AS THE BEAMS ARE SET FURTHER APART, FROM THE SPACING S1 TO THE SPACING S2. THE RATING OF THE BAY IS TIED TO THE LAYOUT.
5. DETAIL B: THE BEAM HANGS ON THE UPRIGHT BY A HOOK IN A PUNCHED SLOT, AND A SAFETY LOCK PIN STOPS IT LIFTING OUT. DETAIL C: PUBLISHED RATINGS ASSUME A LOAD SPREAD ALONG THE BEAM PAIR; A LOAD ON ONE POINT BENDS THE BEAM MORE.
6. THE LAYOUT, THE RATING AND THE LOAD NOTICE ARE ON SHEET 002. THE FORMED SECTIONS, THE SAFETY LOCKS, THE BASE PLATES AND THE BOLTS ARE CATALOGUE ITEMS, BOUGHT IN.

ITEMS

ITEM	DESCRIPTION
1	UPRIGHT
2	BRACING
3	BASE PLATE
4	BEAM
5	SAFETY LOCK
6	PALLET (NOT RACK)
7	COLUMN GUARD

DETAIL A - FRAME RATING

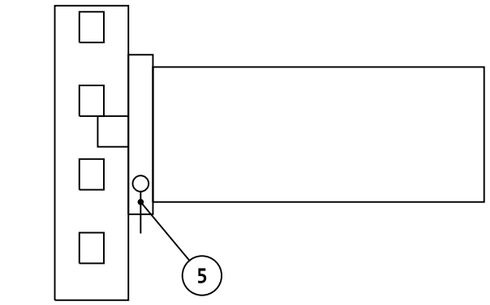
NOT TO SCALE



THE FRAME RATING FALLS AS THE BEAMS
ARE SET FURTHER APART, FROM S1 TO S2

DETAIL B - THE BEAM AND ITS LOCK

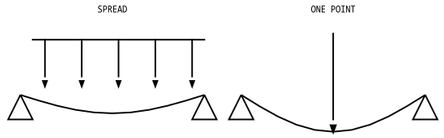
NOT TO SCALE



THE HOOK ENGAGES THE SLOT, AND THE
LOCK PIN STOPS THE BEAM LIFTING OUT

DETAIL C - SPREAD AND POINT LOAD

NOT TO SCALE



THE RATING ASSUMES A SPREAD LOAD
A LOAD ON ONE POINT BENDS THE BEAM MORE

REFERENCE CONFIGURATION - NOT FOR CONSTRUCTION

NEOMETRIX DEFENCE LIMITED
ENGINEERED IN NOIDA - INDIA

PALLET RACKING - REFERENCE CONFIGURATION

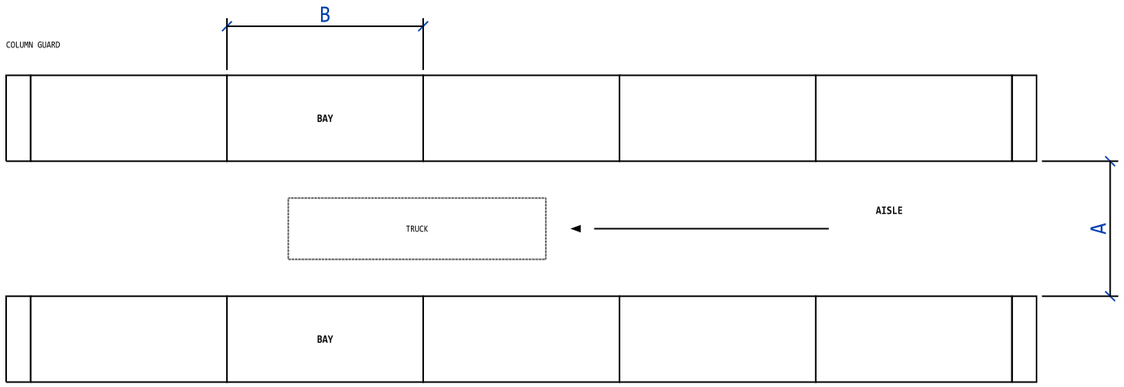
ARRANGEMENT AND DETAILS

THE BAY, THE FRAME, THE FRAME RATING, THE LOCK AND THE LOAD

DWG NO	SCALE @ A3	SHEET	REV
NMX-PRK-103-001	NTS	1 OF 2	A
DATE	UNITS	DRAWN	STATUS
14-11-2026	TAGS ONLY	NMX-DO	REFERENCE

PLAN - TWO ROWS OF BAYS AND AN AISLE

NOT TO SCALE - TAGS ONLY, NO VALUES



A IS THE WIDTH OF THE AISLE; B IS THE WIDTH OF ONE BAY

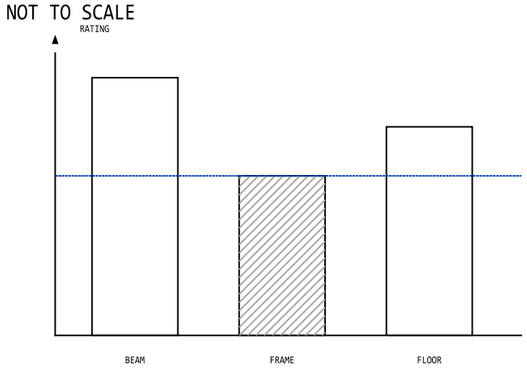
THE AISLE IS SET BY THE TRUCK THAT SERVES THE RACK, AND A COLUMN GUARD STANDS AT THE END OF EACH ROW

NOTES

1. REFERENCE LAYOUT, RATING AND LOAD NOTICE OF A SELECTIVE PALLET RACK. TAGS AND LETTERS ONLY: NO CAPACITY, LOAD, HEIGHT, SPACING OR SPAN VALUE IS GIVEN.
2. THE PLAN SHOWS TWO ROWS OF BAYS AND AN AISLE BETWEEN THEM, WITH A COLUMN GUARD AT EACH END OF EACH ROW AND A TRUCK, DASHED, IN THE AISLE. A IS THE WIDTH OF THE AISLE AND B THE WIDTH OF ONE BAY. THE AISLE IS SET BY THE TRUCK THAT SERVES THE RACK.
3. DETAIL A: THREE LIMITS ON A BAY, THE RATING OF THE BEAM PAIR, THE RATING OF THE UPRIGHT FRAME AT THE BEAM SPACING IN USE, AND THE FLOOR. THE BAY CARRIES THE SMALLEST OF THEM, HATCHED HERE. THE BARS ARE NOT TO SCALE.
4. DETAIL B: THE LOAD NOTICE ON A BAY STATES THE LOAD FOR EACH BEAM LEVEL, Q1 TO Q3, AND FOR THE BAY, QB. THE VALUES ARE SET BY DESIGN FOR THE LAYOUT AND ARE NOT GIVEN HERE.
5. DETAIL C: WHEN THE BEAM LEVELS ARE SET FURTHER APART, FROM THE SPACING S1 TO THE SPACING S2, THE RATING OF THE FRAME FALLS FROM R1 TO R2, AND THE LOAD NOTICE HAS TO BE CHANGED WITH IT.
6. THE ARRANGEMENT AND THE DETAILS ARE ON SHEET 001. THE FORMED SECTIONS, THE SAFETY LOCKS, THE BASE PLATES AND THE BOLTS ARE CATALOGUE ITEMS, BOUGHT IN.

DETAIL A - THREE LIMITS

NOT TO SCALE



THE BAY CARRIES THE SMALLEST OF THE THREE

HERE IT IS THE UPRIGHT FRAME AT THE BEAM SPACING IN USE

DETAIL B - THE LOAD NOTICE

NOT TO SCALE

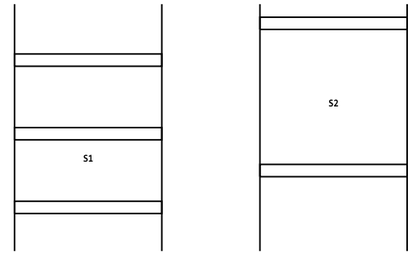
LOAD NOTICE - THIS BAY	
BEAM LEVEL 1	Q1
BEAM LEVEL 2	Q2
BEAM LEVEL 3	Q3
THE BAY	QB

Q1 TO Q3 ARE THE BEAM LOADS AND QB IS THE BAY LOAD

THE VALUES ARE SET BY DESIGN, AND CHANGE WITH THE LAYOUT

DETAIL C - A BEAM IS MOVED

NOT TO SCALE



MOVE A BEAM LEVEL AND THE RATING CHANGES:

THE NOTICE HAS TO CHANGE WITH IT

WHAT EACH STEP DOES

STEP	WHAT HAPPENS
1 LAYOUT	BAYS, AISLES AND BEAM LEVELS ARE SET TO THE PALLET AND THE TRUCK
2 RATE	BEAM AND BAY RATINGS ARE WORKED OUT FOR THE LAYOUT
3 NOTICE	A LOAD NOTICE IS MADE FOR EVERY BAY, AND CHANGED WITH THE LAYOUT
4 BUILD	FRAMES ERECTED, PLUMBED AND ANCHORED; BEAMS HUNG AND LOCKED
5 PROVE	PLUMB, LOCKS, ANCHORS AND NOTICES CHECKED BAY BY BAY

REFERENCE CONFIGURATION - NOT FOR CONSTRUCTION

NEOMETRIX DEFENCE LIMITED

ENGINEERED IN NOIDA - INDIA

PALLET RACKING - REFERENCE CONFIGURATION

LAYOUT, RATING AND NOTICE

THE PLAN, THE THREE LIMITS, THE NOTICE AND THE BEAM MOVED

DWG NO	SCALE @ A3	SHEET	REV
NMX-PRK-103-002	NTS	2 OF 2	A
DATE	UNITS	DRAWN	STATUS
14-11-2026	TAGS ONLY	NMX-DO	REFERENCE