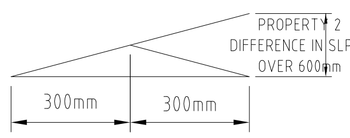
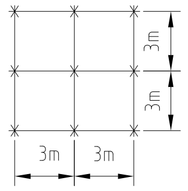
SUPPLEMENT TO CONCRETE SOCIETY TECHICAL REPORT No. 34						
REVISED TABLE 7.2R. ALLOWABLE VALUES OF THE PROPERTIES OF FLATNESS AND LEVELNESS FOR FREE MOVEMENT AREA OF FLOORS						
FLOOR CLASSIFICATION		MAXIMUM PERMISSIBLE LIMITS				
		PROPERTY 2		PROPERTY 4		
		A	B	C	D	E
	CONFIDENCE LIMITS	97%	100%	90%	97%	100%
FM1		2.5mm	4.0mm	3.0mm	4.5mm	7.0mm
FM2		3.5mm	5.5mm	6.0mm	8.0mm	12.0mm
FM3		5.0mm	7.5mm	8.0mm	10.0mm	15.0mm

PROPERTY 2



PROPERTY 4

PROPERTY 4
DIFFERENCE IN LEVEL OF ADJACENT POINTS ON 3m GRID



The floor shall be considered satisfactory when, for a particular classification:

Property 2
a) not more than 3% of the total number of measurements exceed the limit in column A (97% limit)

b) none of the measurements exceed the limit in column A(100% limit)

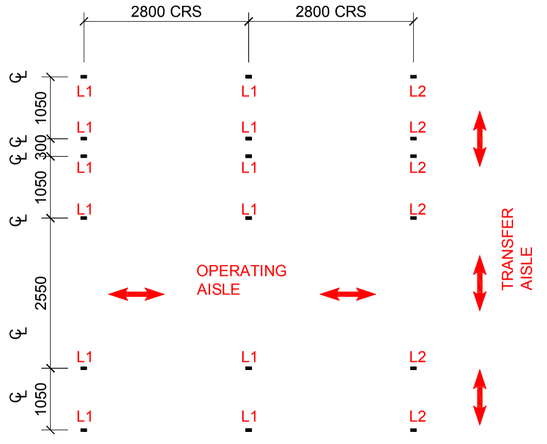
Property 4
a) not more than 10% of the total number of measurements exceed the limit in column C (90% limit)

b) not more than 3% of the total number of measurements exceed the limit in column D (97% limit)

c) none of the measurements exceed the limit in column E(100% limit)

Tolerence of level to datum plane
a) ±10mm classification fm1
b) ±15mm classifications fm2, fm3

EXTRACT FROM THE CONCRETE SOCIETY REPORT TR34 - FLOOR CLASSIFICATION FOR FREE MOVEMENT VEHICLES.



RACK FLOOR LOADING FOR 8 PALLET RACKING

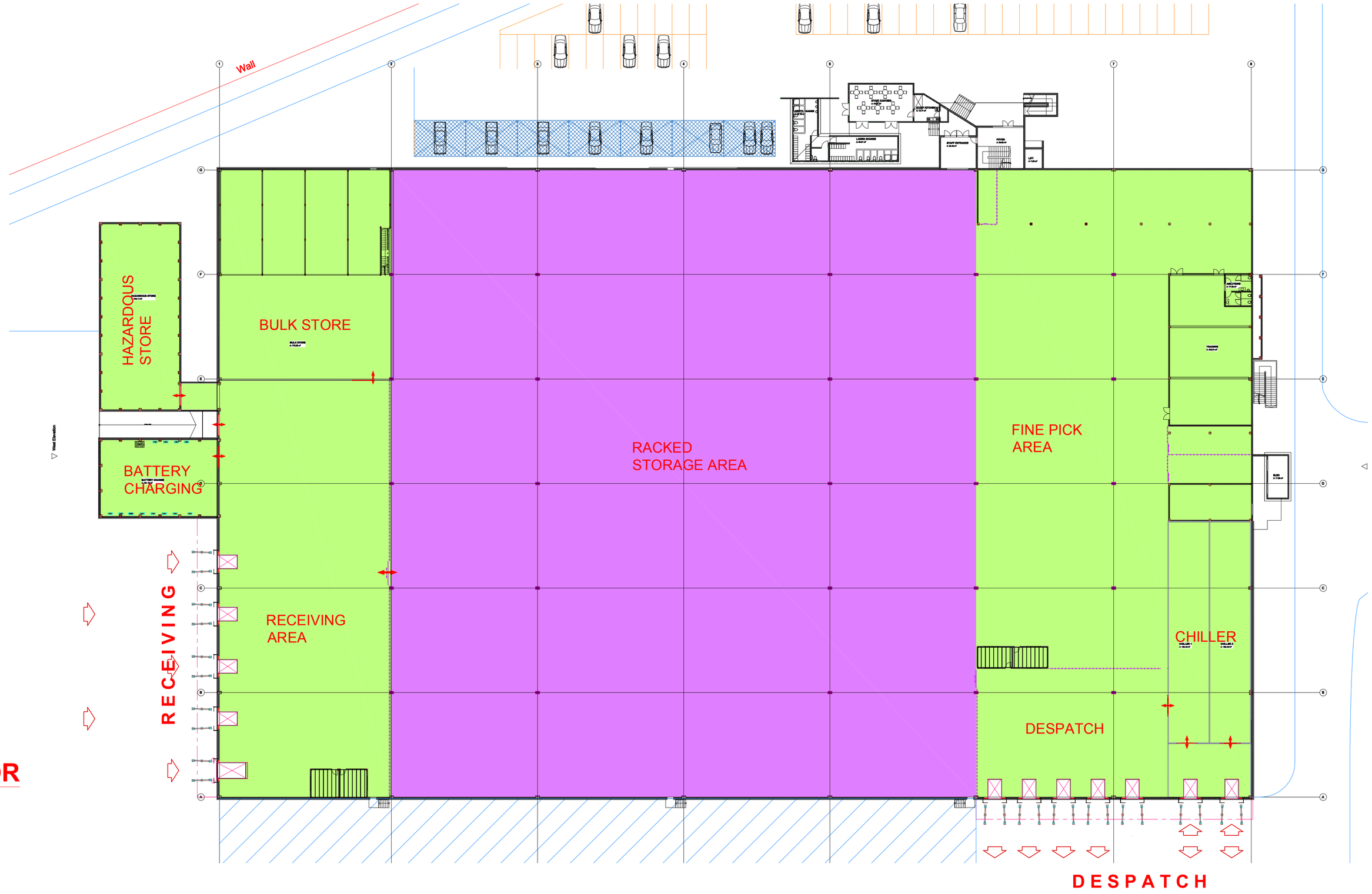
SCALE: NTS

FLOOR LOADING
7 BEAM LEVELS @ 3 PALLETS / BAY WEIGHING 800KG EACH.

L1: $(\frac{800}{2})$ x 7 LEVELS x 2 PALLET SPACES ON PLAN + ($\frac{1}{4}$ x 800 x 7 x 2) = 8400Kg + 250Kg SELF WEIGHT = 8650KG/86.5.0kN

L2: $(\frac{800}{2})$ x 7 LEVELS x 1 PALLET SPACE ON PLAN + ($\frac{1}{4}$ x 800 x 7 x 1) = 4200Kg + 250Kg SELF WEIGHT = 4450KG/44.5kN

TYPICAL BASEPLATE SIZE = 150 x 100 x 5mm



PLAN ON WAREHOUSE FLOOR FLATNESS SPECIFICATION

SCALE: NTS

PROJECT:
NATPHARM HARARE NEW WAREHOUSE

DRAWING TITLE:
FLOOR FLATNESS SPECIFICATION AND RACK POINT FLOOR LOADINGS

DRAWING NUMBER:	SCALE:	REVISION:	DATE:
NAT 008	AS SHOWN	B	OCTOBER 2015

CLIENT:
NatPharm — Access to Affordable Quality Medicines

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REV:	REVISION DESCRIPTION	DATE:	DRAWN
B	FLOOR LOADINGS REVISED TO 800Kg / PALLET	10/11/2015	LFG
A	INITIAL DESIGN	19/10/2015	LFG