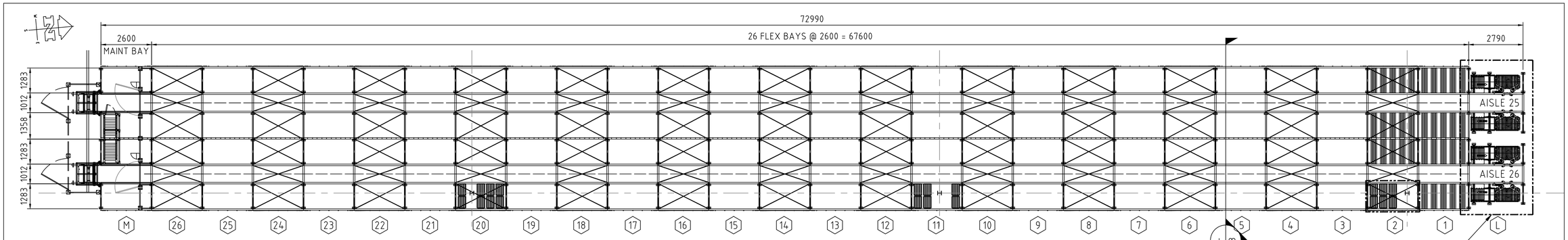
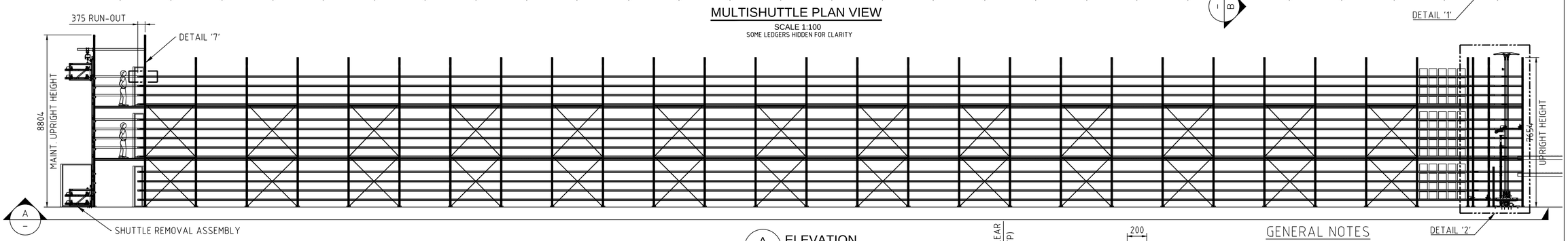


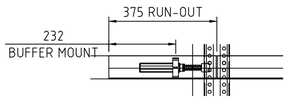
MULTISHUTTLE PLAN VIEW

SCALE 1:100
SOME LEDGERS HIDDEN FOR CLARITY



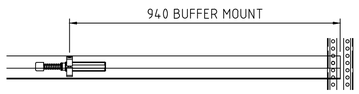
A ELEVATION

SCALE 1:100



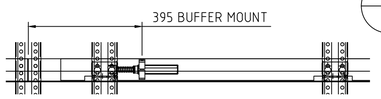
7 DETAIL

SCALE 1:50
BUFFER RUN-OUT
MAINTENANCE END



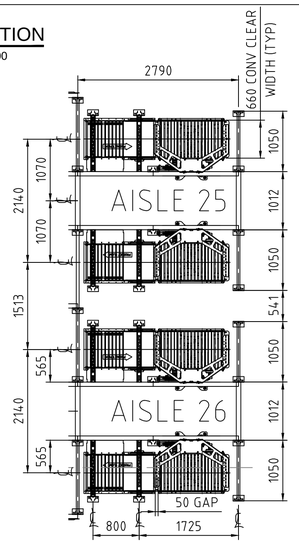
6 DETAIL

SCALE 1:50
BUFFER RUN-IN
LIFT END TYP 9 LEVELS



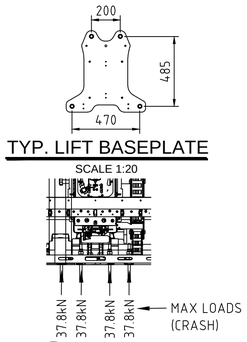
5 DETAIL

SCALE 1:50
BUFFER RUN-IN
LIFT END TYP 4 LEVELS



1 DETAIL

SCALE 1:50

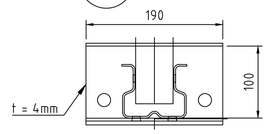


TYP. LIFT BASEPLATE

SCALE 1:20

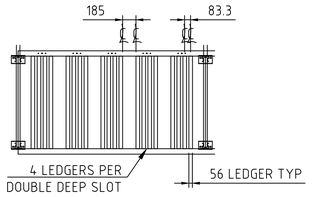
3 DETAIL B

SCALE 1:20



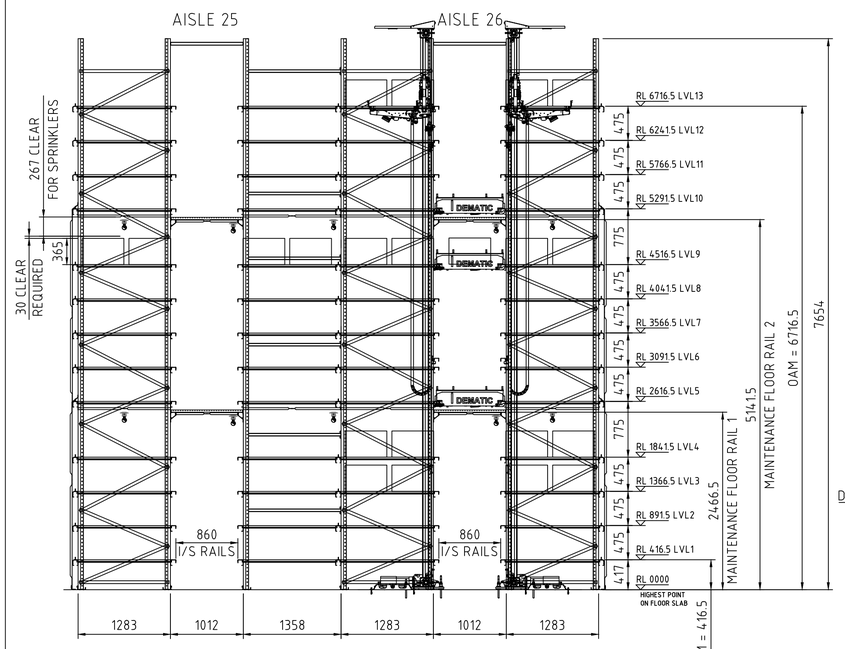
TYP. RACK BASEPLATE

SCALE 1:4



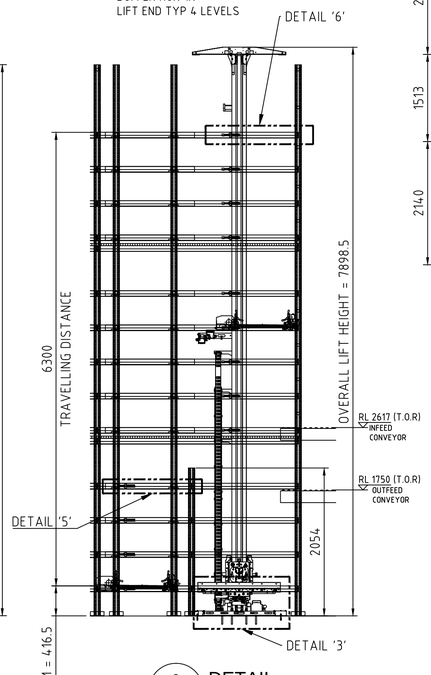
BAY WITHOUT CARTONS

SCALE 1:40



B SECTION B

SCALE 1:40



2 DETAIL

SCALE 1:40

GENERAL NOTES

1. LIFT TYPE - DMS II FLEX
2. SHUTTLE TYPE - DMS II FLEX
3. OAM = 6716.5
4. UAM = 416.5
5. 13 FLEX SHUTTLE LEVELS
6. 3 MAINTENANCE LEVELS (2 ELEVATED)
7. ALL REQUIREMENTS FOR FIXING TO MULTISHUTTLE RACK REQUIRES DEMATIC APPROVAL BEFORE PROCEEDING
8. CLEARANCE OF 30mm MIN TOP OF CARTON TO ANY PART OF SPRINKLER INSTALLATION (PIPE, HEADS, KNUCKLE FIXINGS ETC) MUST BE MAINTAINED THROUGHOUT. SEE MULTISHUTTLE SPRINKLER REQUIREMENTS DRAWING (P06418L320)
9. RL0000 IS BOTTOM OF MULTISHUTTLE RACK BASEPLATE (HIGHEST POINT OF FLOOR)
10. REFER TO MS1083 FOR INSTALLATION TOLERANCE DETAILS.
11. DISTANCE FROM GROUND TO UNDERSIDE OF BUILDING CEILING IS 11200mm.

TOTAL NUMBER CARTON POSITIONS B

2 AISLES, 13 LEVELS, 26 BAYS, 10 POSITIONS/BAY
= 13390 FLEX TOTE POSITIONS (26 GEN II SHUTTLES)
TOTE POSITIONS MAY BE LESS DUE TO BUILDING COLUMN INSTALLATION TOLERANCE.

TYPE	LENGTH	WIDTH	HEIGHT	WEIGHT (MAX KG)
LARGE CARTON	580	380	365	16
MEDIUM CARTON	380	280	300	16
SMALL CARTON	300	200	200	16

MIN CARTON HEIGHT MULTISHUTTLE CAN ACCESS IS 50mm

APPROVAL PRINT

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TITLE.....
SIGNED (CONSULTANT)..... / /
TITLE.....
REASON .....

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REFERENCE DRAWINGS

P06418L332 - MULTISHUTTLE PACK AND HOLD SURVEY LAYOUT
P06418L320 - MULTISHUTTLE PACK AND HOLD SPRINKLER REQUIREMENTS
MS1083 - MULTISHUTTLE INSTALLATION TOLERANCES

REV	CHK'D	APP'D	DESCRIPTION	DATE	DRAWN
B	ACo	MPe	TOTE POSITIONS, MAX LOADS AND SPRINKLER LAYOUT UPDATED	22/07/2016	AMc
A	MPe	DMi	ISSUED FOR APPROVAL	02/06/2016	AMc

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TOLL ENTERPRISE - PRESTONS
MULTISHUTTLE PACK AND HOLD
GENERAL LAYOUT

DRAWN	AMc	03/06/2016	SIZE A1	SCALE 1:100	REV B
CHECK	MPe	16/06/2016	DWG NO	P06418L330	
APPR	DMi	17/06/2016			

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