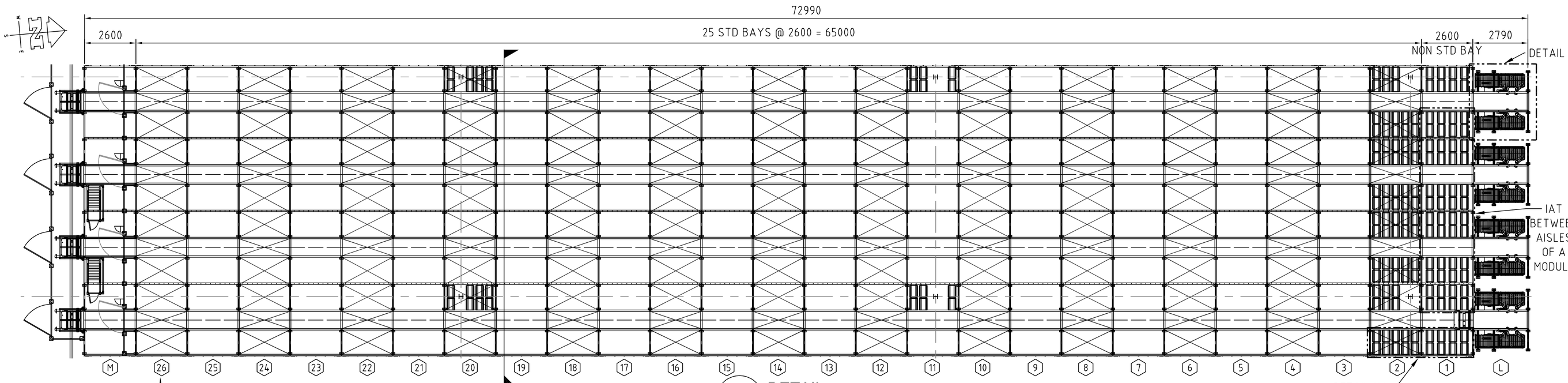
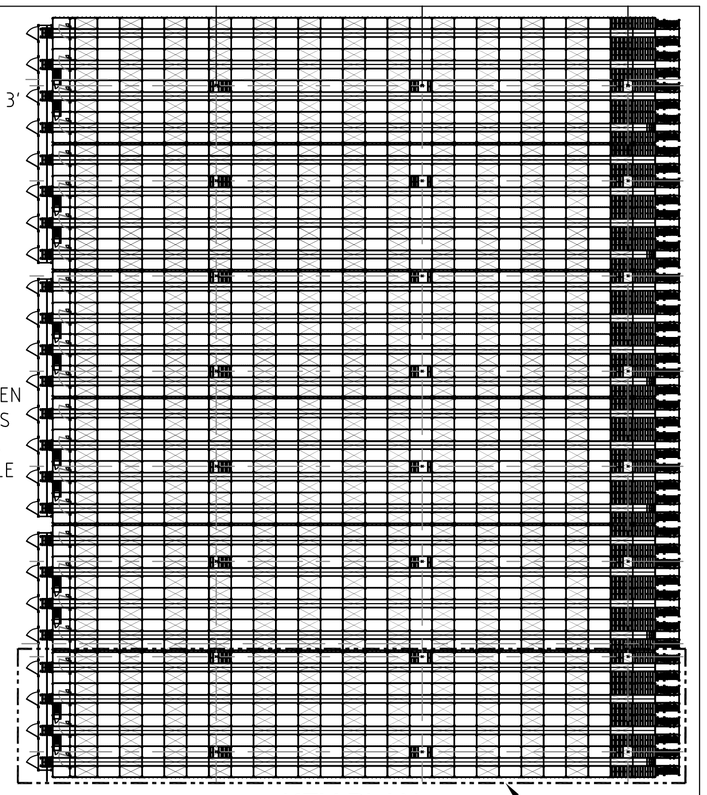
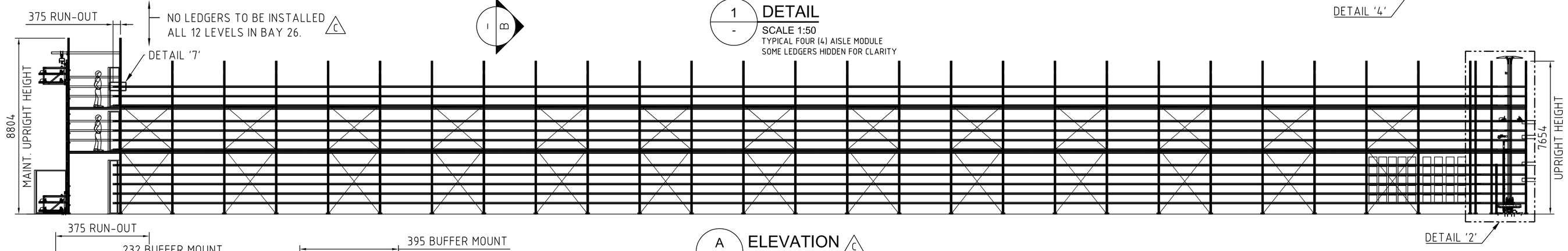


1 DETAIL
SCALE 1:50
TYPICAL FOUR (4) AISLE MODULE
SOME LEDGERS HIDDEN FOR CLARITY



KEY PLAN
SCALE 1:500
MULTISHUTTLE GTP
SIX (6) MODULES OF FOUR (4) AISLES (DETAIL '1') = 24 AISLES TOTAL



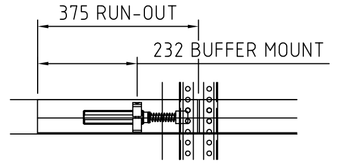
A ELEVATION C
SCALE 1:125

GENERAL NOTES

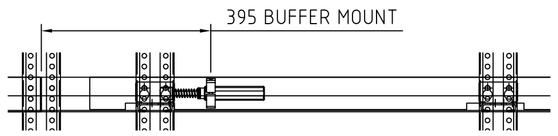
1. LIFT TYPE - DMS II STANDARD
2. SHUTTLE TYPE - DMS II STANDARD
3. OAM = 6416.5
4. UAM = 591.5 C
5. 12 STANDARD SHUTTLE LEVELS C
6. 3 MAINTENANCE LEVELS (2 ELEVATED)
7. ALL REQUIREMENTS FOR FIXING TO MULTISHUTTLE RACK REQUIRES DEMATIC APPROVAL BEFORE PROCEEDING
8. CLEARANCE OF 30mm MIN TOP OF CARTON 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.

REFERENCE DRAWINGS

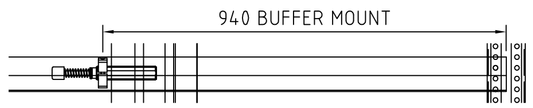
P06418L361 & P06418L362 - MULTISHUTTLE GTP SURVEY LAYOUT PART 1 & 2
P06418L320 - MULTISHUTTLE SPRINKLER REQUIREMENTS
MS1083 - MULTISHUTTLE INSTALLATION TOLERANCES



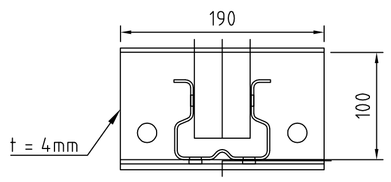
7 DETAIL
SCALE 1:50
BUFFER RUN-OUT
MAINTENANCE END



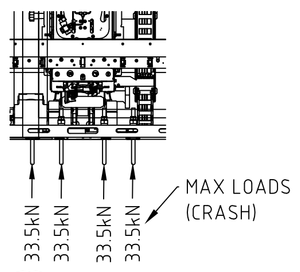
5 DETAIL
SCALE 1:50
BUFFER RUN-IN
LIFT END TYP LOWER 4 LEVELS



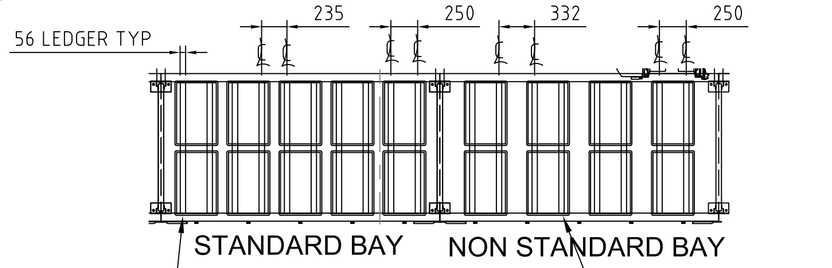
6 DETAIL
SCALE 1:50
BUFFER RUN-IN
LIFT END TYP UPPER 7 LEVELS



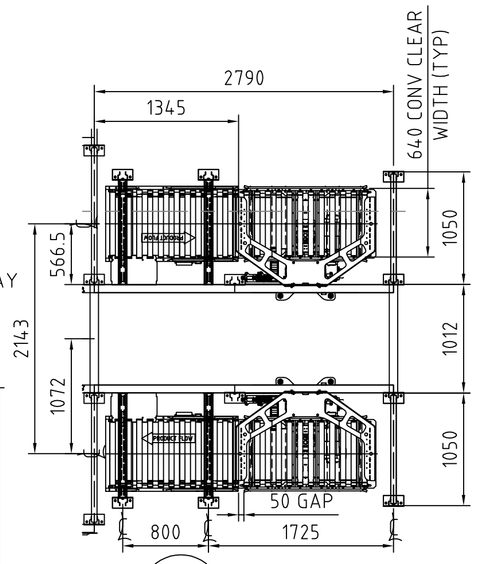
TYP. RACK BASEPLATE
SCALE 1:4



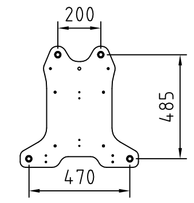
8 DETAIL
SCALE 1:20



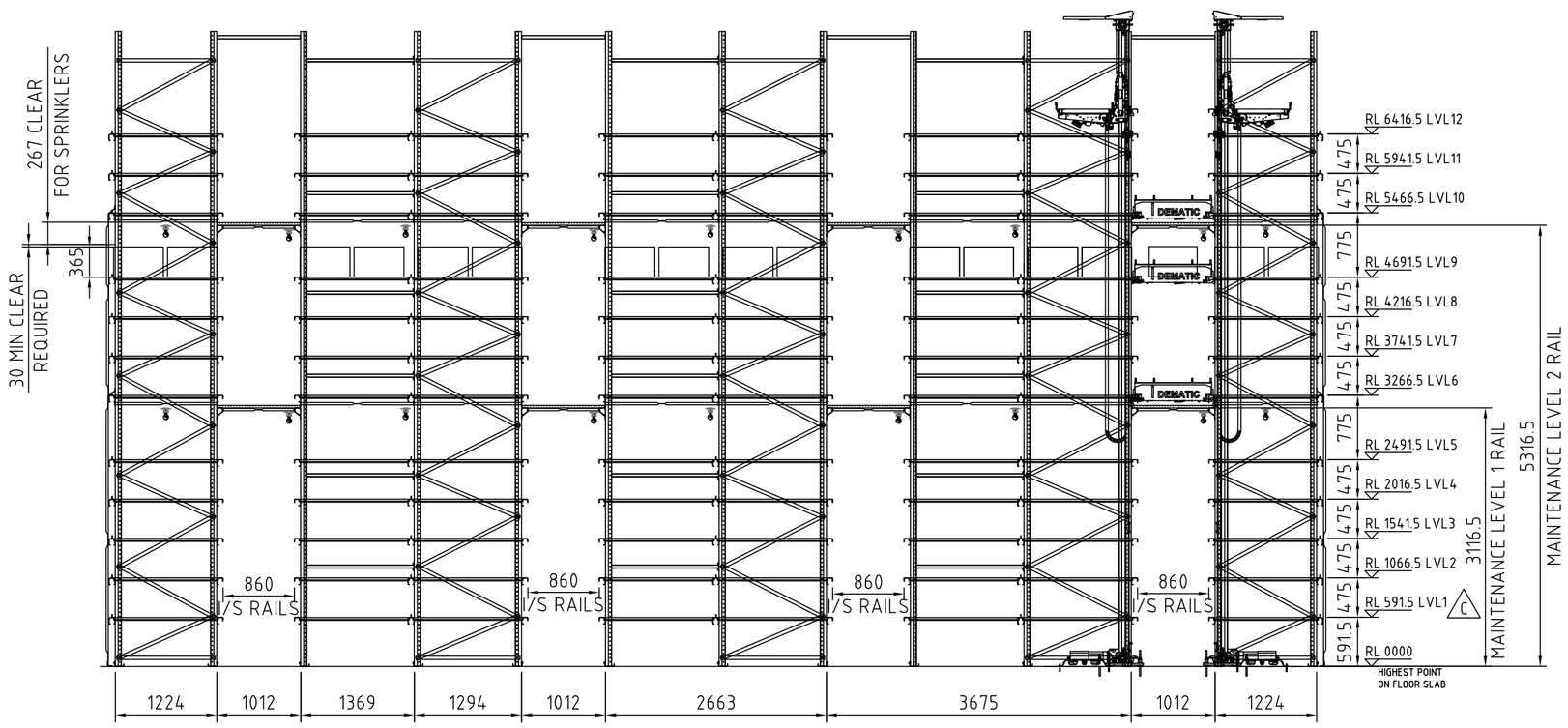
4 DETAIL
SCALE 1:20



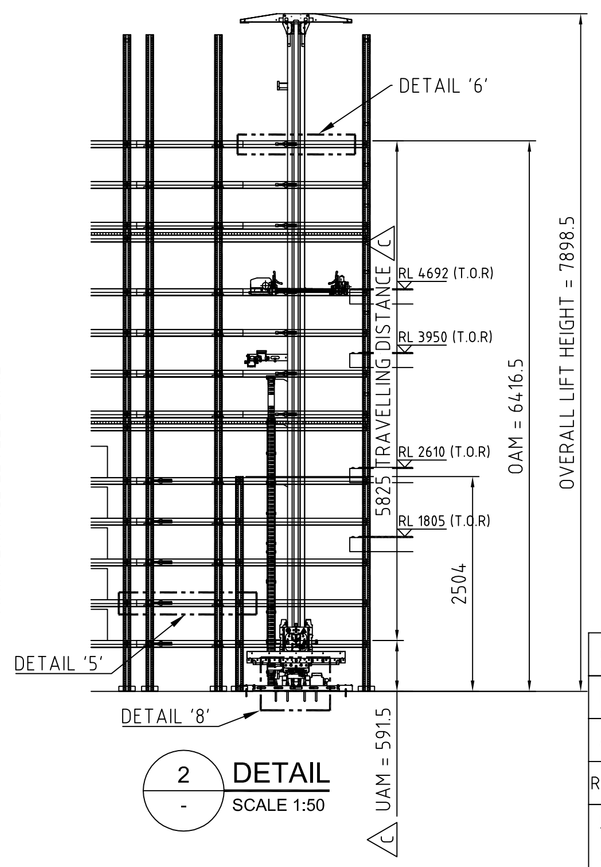
3 DETAIL
SCALE 1:50
TYPICAL EACH AISLE



TYP. LIFT BASEPLATE
SCALE 1:20



B SECTION
SCALE 1:50



2 DETAIL
SCALE 1:50

TOTAL NUMBER CARTON POSITIONS (EXCLUDING BAY 26)

24 AISLES, 12 LEVELS, 24 BAYS, 10 POSITIONS/BAY
1 END IAT LOCATION, NO IAT BETWEEN MODULES
= 138432 POSITIONS (288 GEN II SHUTTLES). C
TOTE POSITIONS MAY BE LESS DUE TO BUILDING COLUMN TOLERANCES.

TYPE	LENGTH	WIDTH	HEIGHT	WEIGHT (MAX KG)
PRODUCT TOTE	600	400	365	25

MIN CARTON HEIGHT MULTISHUTTLE CAN ACCESS IS 50mm

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REV	CHK'D	APP'D	DESCRIPTION	DATE	DRAWN
C	MVJ	MPE	ADDITIONAL MULTISHUTTLE LEVEL ADDED	14/09/2016	AMc
B	ACo	MPe	TOTE POSITIONS AND GENERAL DESIGN UPDATED	22/07/2016	AMc
A	MPe	DMi	ISSUED FOR APPROVAL	08/06/2016	AMc

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TOLL ENTERPRISE - PRESTONS
MULTISHUTTLE GTP
GENERAL LAYOUT

DRAWN	AMc	08/06/2016	SIZE A1	SCALE 1:500	REV C
CHECK	MPe	16/06/2016	DWG NO	P06418L360	
APPR.	DMi	17/06/2016			

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