

NOTES:

- 1) BUILDING ENVELOPE TO REMAIN AS EXISTING EXCEPT FOR THE ADDITION OF NEW DOORS. DIMENSIONS TAKEN FROM PAUL READING AND PARTNERS DRAWING REFS 7300-901A AND 902B DATED JANUARY 2000 AND SURVEY SYSTEMS DATA RECEIVED 21ST JULY 2011.
 - 2) RECEPTION PIT TO ACCEPT 466,500 TPA WITH ALLOWANCE FOR 2 DAYS STORAGE.
 - 3) TO ASSIST WITH WASTE UNLOADING, PIT TO INCORPORATE SLOPED FACE SECTION AT MOUTH.
 - 4) BUNKER WIDTH DESIGNED AS MIN 3x GRAB DIAMETER.
 - 5) POWERKRUSH 2000 COMPACTOR DESIGN BY PAKAWASTE WASTE HANDLING SYSTEMS RECEIVED ON 05/11 OR SIMILAR APPROVED.
 - 6) CRANE DESIGN AS INFORMATION RECEIVED FROM NDC ON 22/03/11.
 - 7) LAYOUT SUBJECT TO REVIEW OF AS-BUILT SUPER AND SUB-STRUCTURE CONSTRUCTION AND M&E DETAILS AND VERIFICATION BY COMPACTOR AND CRANE CONTRACTORS.
 - 8) CONTAINER ASSUMED TO BE 6.4m LONG BY 2.5m WIDE BY 2.5m HEIGHT.
 - 9) MINIMUM GAP BETWEEN TOP OF GRAB CRANE MOTOR AND UNDERSIDE OF NEAREST FIXED POINT (STEELWORK HAUNCH) TO BE 500MM IN ACCORDANCE THE FEM RULES FOR THE DESIGN OF HOISTING APPLIANCES - BOOKLET 7 - SAFETY RULES AND THE REQUIREMENTS OF BS466 (1984).
- MINIMUM GAP BETWEEN TOP OF CRANE MAINTENANCE ACCESS WALKWAYS AND NEAREST FIXED POINT OF BUILDING TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 7.4.4.8 OF THE FEM RULES FOR THE DESIGN OF HOISTING APPLIANCES - BOOKLET 7 - SAFETY RULES.
- MINIMUM GAP BETWEEN UNDERSIDE OF OPENED GRAB CRANE AND TOP OF HOPPER TO BE 1M TO MITIGATE WASTE BEING TRAILED FROM THE GRAB FROM CLASHING WITH THE HOPPER STRUCTURE
- 10) ASSUMED EXISTING FLOOR SLAB CAPABLE OF ACCEPTING PROPOSED LOADINGS IN RECEPTION HALL & UNLOADING AREAS. CHU MANOEUVRING AREA TO BE OVER SLABBED WITH 300mm THICK SLAB ASSUMING EXISTING INSUFFICIENT TO ACCEPT LOADINGS. EXISTING SLAB CAPACITY TO BE VERIFIED AGAINST PROPOSALS.

Rev	Modifications	By	Date	Chk'd	Auth
09	CANTRY CRANE REMOVED LAYOUT AMENDED FOR REACH STACKER USE	SM	02/08/11	MH	SB
08	SECTION AMENDED FOLLOWING SURVEY. RED LINE BOUNDARY AMENDED	SM	25/07/11	MH	SB
06	REVISED FOLLOWING OPERATIONAL REVIEW	SM	25/07/11	MH	SB
CFT 3			09	24/08/11	SB

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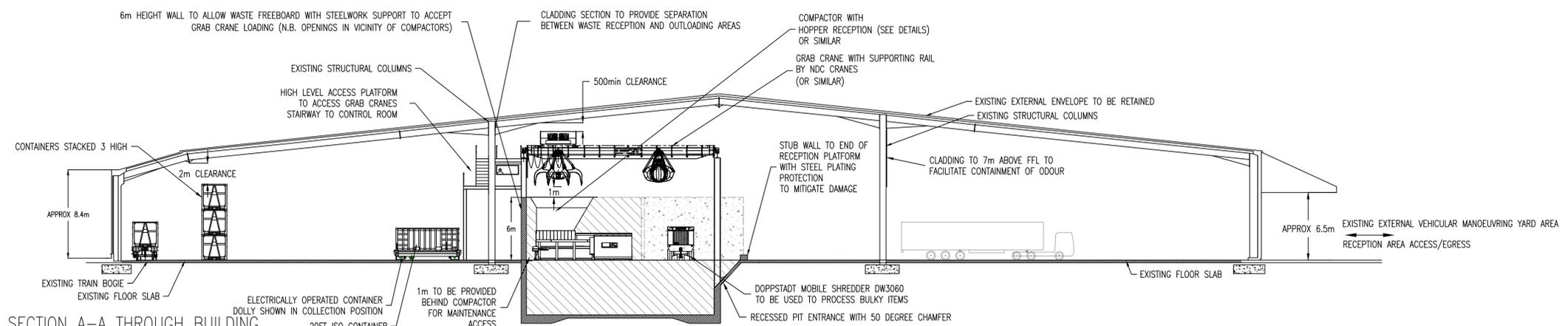
Client: **SITA** **sembcorp**

Project: **MWDA RESOURCE RECOVERY CONTRACT**

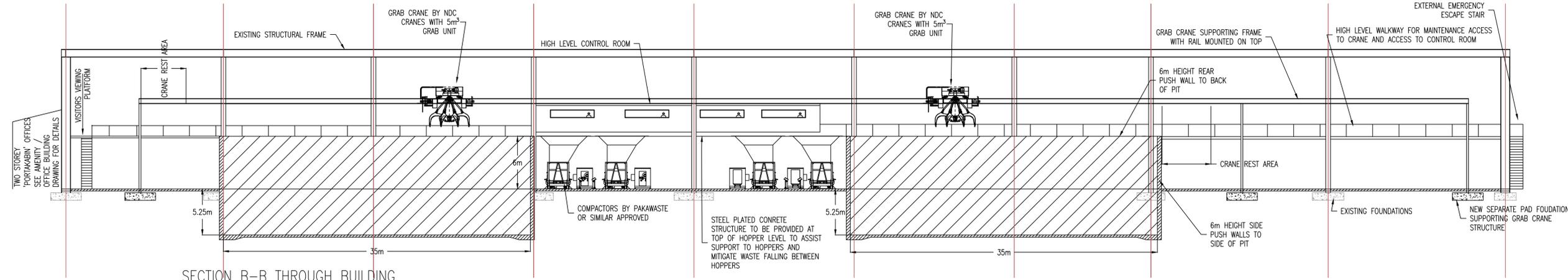
Title: **KNOWSLEY TRANSFER LOADING STATION SECTIONS THROUGH BUILDING**

Original Size: A1	Scale: SHOWN	Designed: SM Date: 12/11/10	Drawn: SM Date: 12/11/10	Checked: MCH Date: 18/11/10	Authorised: RA Date: 18/11/10
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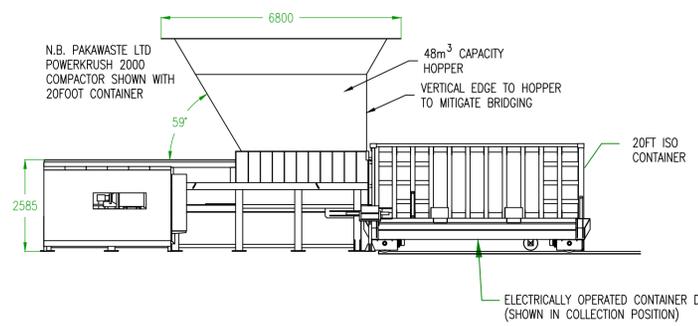
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 Drawing No: 102
 Rev: 09



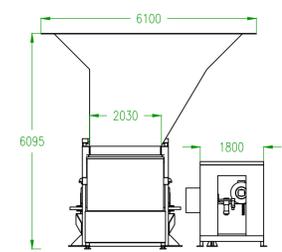
SECTION A-A THROUGH BUILDING
 SCALE 1:250



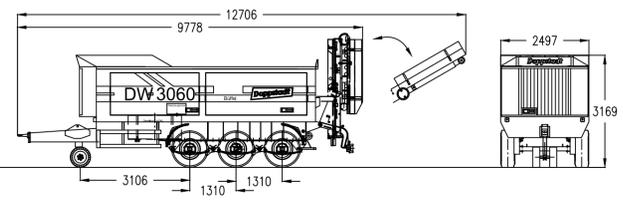
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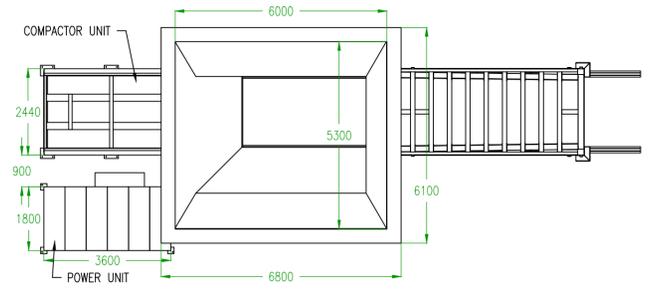
ELEVATION ON PAKAWASTE COMPACTOR PLANT (OR SIMILAR APPROVED)
 SCALE 1:100



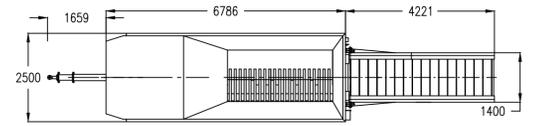
SECTION THROUGH PAKAWASTE COMPACTOR PLANT (OR SIMILAR APPROVED)
 SCALE 1:100



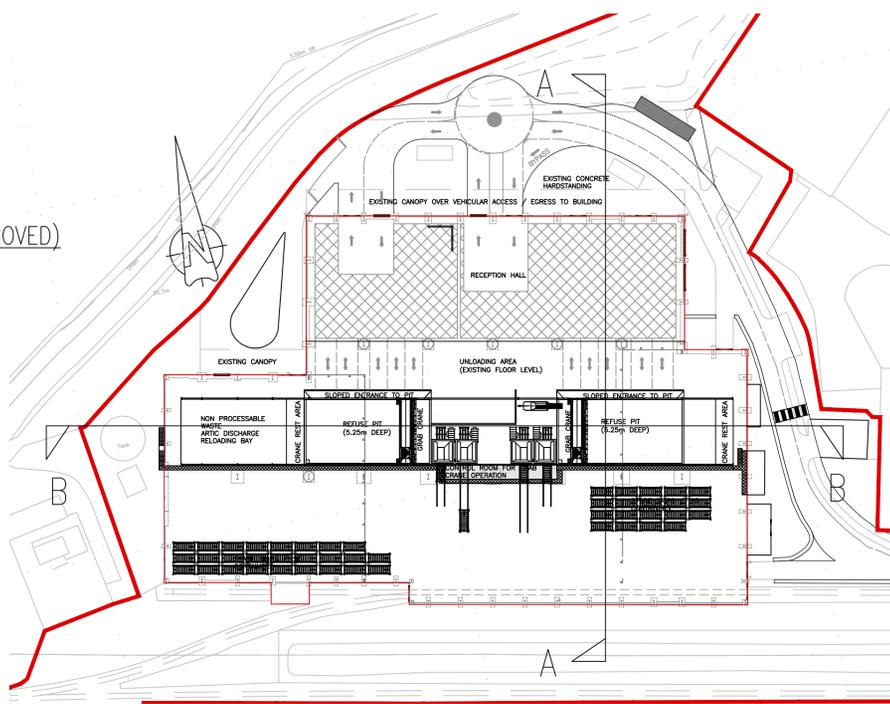
ELEVATION ON DOPPSTADT SHREDDER
 SCALE 1:100



PLAN ON PAKAWASTE COMPACTOR PLANT (OR SIMILAR APPROVED)
 SCALE 1:100



PLAN ON DOPPSTADT SHREDDER
 SCALE 1:100



OVERALL BUILDING GENERAL ARRANGEMENT
 SCALE 1:1000