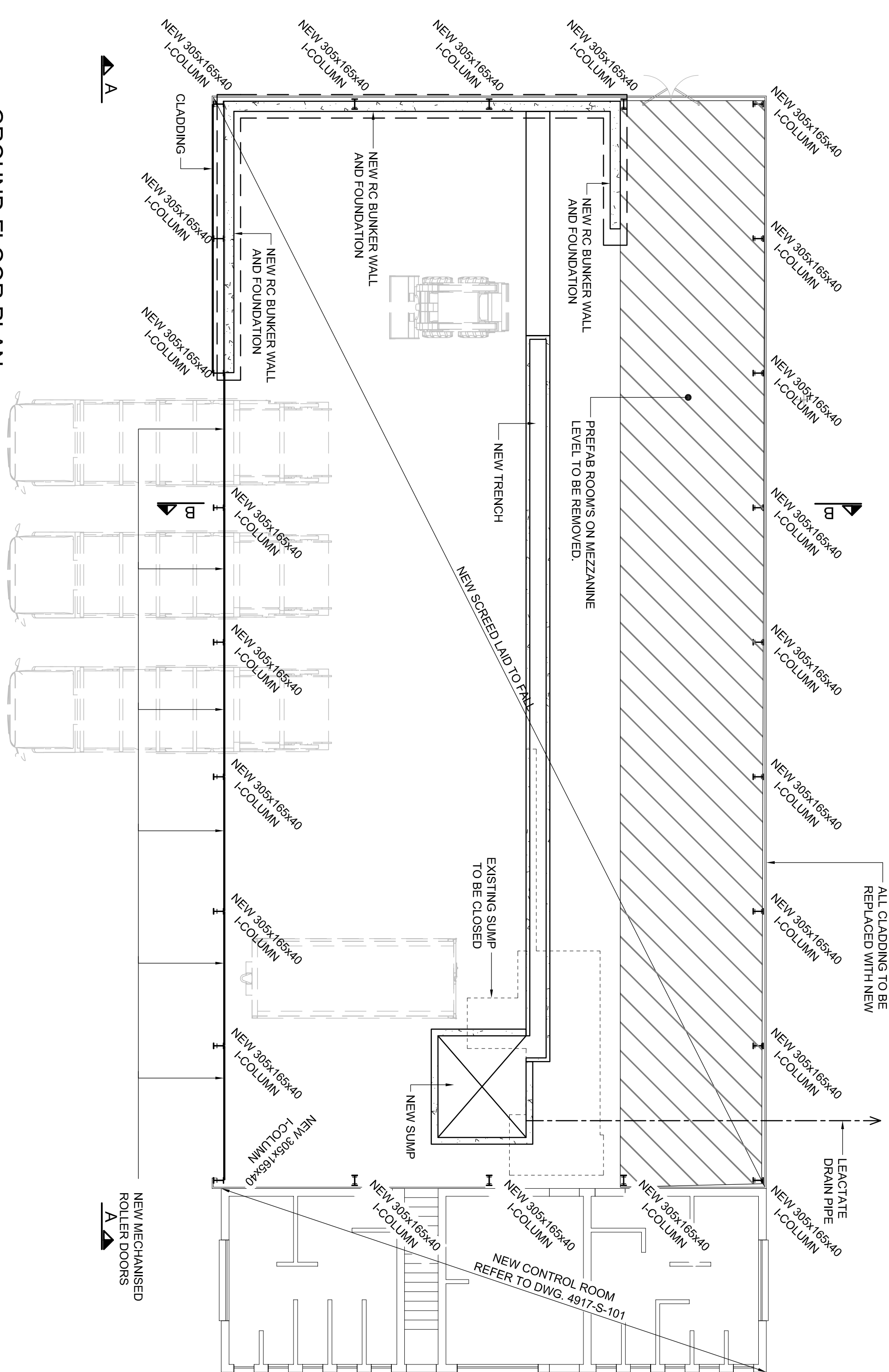


GENERAL NOTES:

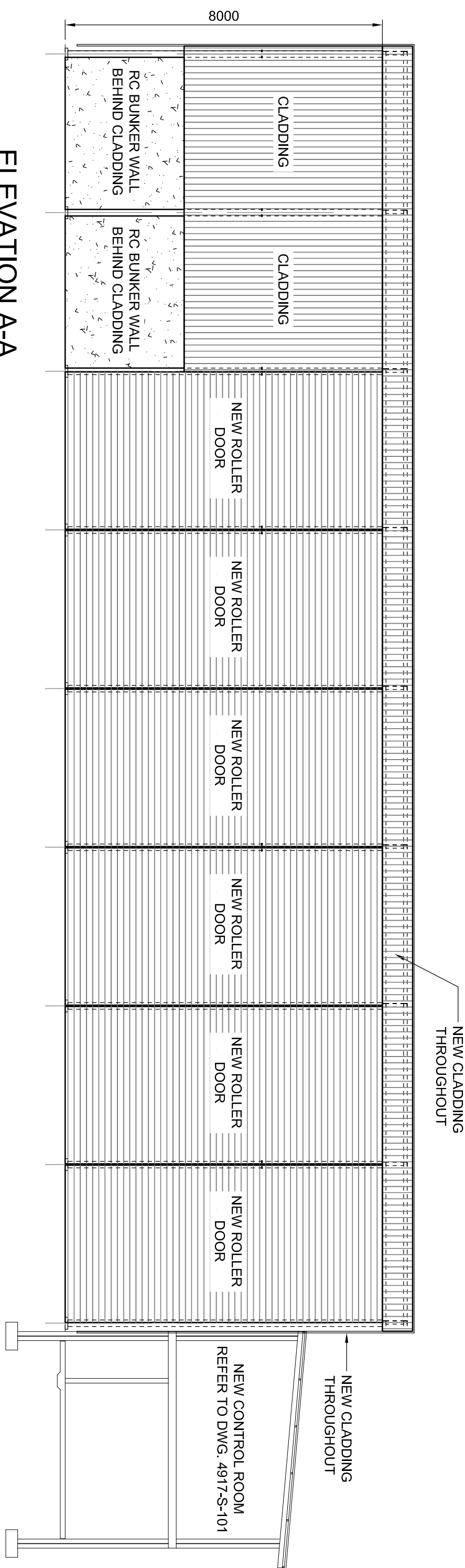
1. ALL CONSTRUCTION METHODS AND MATERIALS SHALL BE IN ACCORDANCE WITH SANS 10400 SANS 2001-1 AND SANS 2001-2 AND ALL OTHER APPLICABLE SANS CODES OF PRACTICE.
2. THE CONTRACTOR SHALL COMPLY WITH ALL RELEVANT MUNICIPAL REGULATIONS AND BYLAWS IN THE AREA OF THE SITE.
3. THE CONTRACTOR SHALL KEEP A FULL SET OF DRAWINGS ON SITE.
4. GRIDLINES AND SITE BOUNDARIES ARE TO BE SET OUT ON SITE BY A QUALIFIED AND PROFESSIONALLY REGISTERED LAND SURVEYOR WHO HAS ADEQUATE PROFESSIONAL INDEMNITY COVER.
5. ALL DIMENSIONS, LEVELS AND EXISTING STRUCTURES SHALL BE CHECKED ON SITE AND CORRELATED WITH THE RELEVANT DRAWINGS BEFORE CONSTRUCTION COMMENCES.
6. ALL STRUCTURAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH ANY RELEVANT ARCHITECTURAL, CIVIL OR OTHER DRAWINGS.
7. ANY ERRORS OR DISCREPANCIES SHALL BE REPORTED IMMEDIATELY FOR CLARIFICATION BEFORE WORK COMMENCES.
8. ALL PRODUCTS SPECIFIED FOR USE ARE TO BE USED STRICTLY ACCORDING TO MANUFACTURERS' INSTRUCTIONS AND SPECIFICATIONS.
9. ALL WATERPROOFING DETAILS ARE SHALL BE IN ACCORDANCE WITH THE ARCHITECT'S SPECIFICATIONS AND INSTRUCTIONS. THE STRUCTURAL ENGINEER IS NOT RESPONSIBLE FOR ANY WATERPROOFING WHATEVER.

STRUCTURAL STEELWORK NOTES:

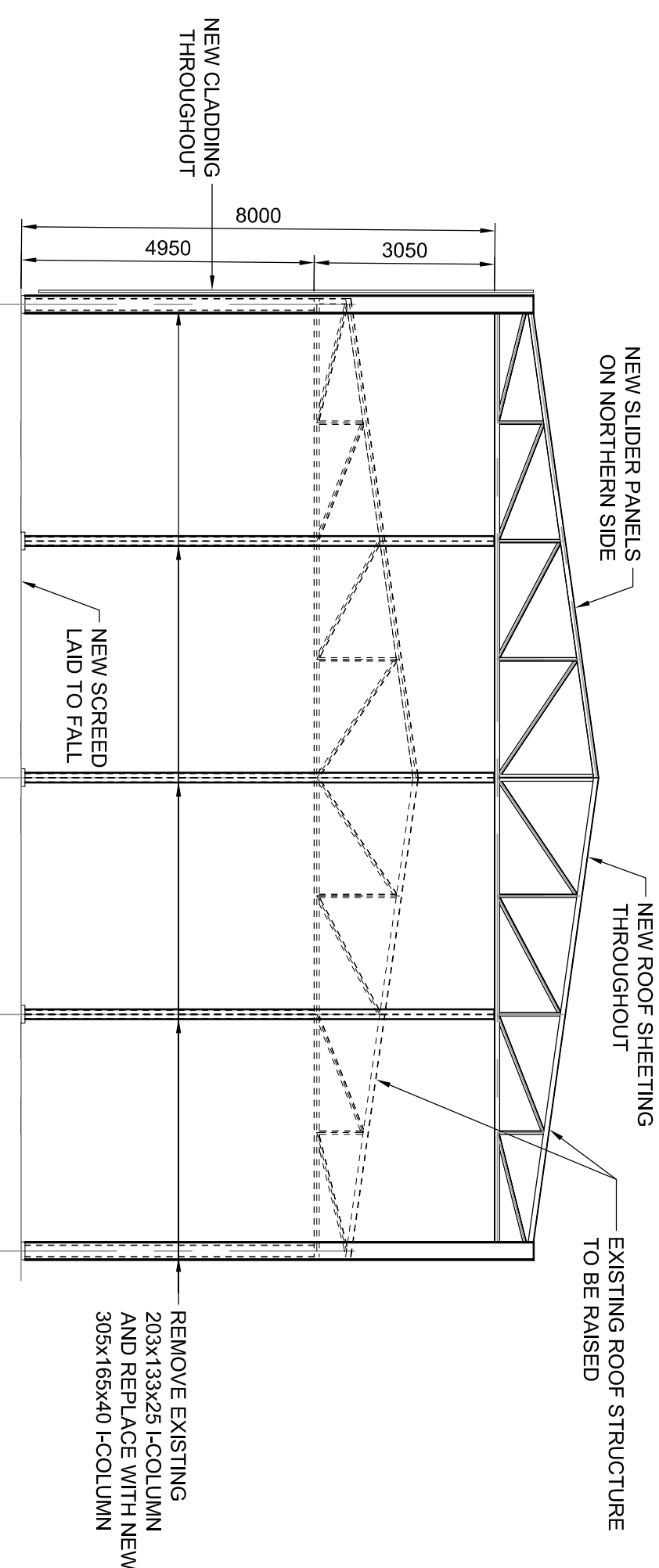
1. ALL CONSTRUCTION METHODS AND MATERIALS TO BE DONE IN ACCORDANCE WITH SANS 1200 SECTIONS H, HA, HB AND HC, SANS 2001-C31 AND ALL OTHER APPLICABLE SANS CODES OF PRACTICE.
2. ALL COLD FORMED SECTIONS TO BE COMMERCIAL GRADE WITH A MINIMUM YIELD STRESS OF AT LEAST 200MPa TO SANS 1431.
3. ALL OTHER STRUCTURAL STEEL TO BE GRADE 355JR TO SANS 1431 U.N.O.
4. ALL STRUCTURAL STEELWORK TO BE HOT DIP GALVANISED U.N.O.
5. ALL BELOW-GROUND STEELWORK TO BE TREATED WITH 2 COATS OF BITUMINOUS PAINT AND TO TERMINATE 150mm ABOVE GROUND.
6. ALL BOLTS TO BE M16 GRADE 8.8 AND HOT DIP GALVANISED U.N.O.
7. ALL WELDS TO BE 6mm CONTINUOUS FILLET WELD, U.N.O.
8. 20MPa NON-SHRINK GROUT TO BE USED UNDER BASE PLATES
9. ALL SHOP DRAWINGS TO BE APPROVED BY THE ENGINEER PRIOR TO FABRICATION.
10. ALL STRUCTURAL STEELWORK TO RECEIVE CORROSION PROTECTION COATING SYSTEM FOR CLASS C1, AS DESCRIBED IN ISO 9223.
11. CLASS C1 (VERY LOW)
INTERIOR: DRY
12. CLASS C2 (LOW)
INTERIOR: OCCASIONAL CONDENSATION
13. CLASS C3 (MEDIUM)
EXTERIOR: EXPOSED RURAL INLAND
14. CLASS C4 (HIGH)
INTERIOR: SWIMMING POOLS, CHEMICAL PLANTS, ETC.
EXTERIOR: INDUSTRIAL INLAND OR URBAN COASTAL
15. CLASS C5 (VERY HIGH)
EXTERIOR: INDUSTRIAL WITH HIGH HUMIDITY OR HIGH SALINITY COASTAL
16. CLASS C6 (EXTREME)



GROUND FLOOR PLAN
SCALE 1:100



ELEVATION A-A
SCALE 1:100



SECTION B-B
SCALE 1:50

FOR INFORMATION ONLY

DESIGNED		T.A. KRUGER		JG AFRICA (PTY) LTD CONSULTING ENGINEERS		14 CENTRAL SQUARE PINELANDS 7405		SCALE BAR		CLIENT:		APPROVED:		PROJECT:		DATE:		SCALE:	
CHECKED		O. DAVIS				P.O. BOX 39651 PINELANDS 7430		0 70		FOR JG AFRICA (PTY) LTD		FOR CLIENT		COU BIOMETHANE PROJECT ROBINSON LANDFILL SITE		02 SEPTEMBER 2019		AS SHOWN	
DRAWN		N. DIEN				TEL: (021) 530-1800 FAX: (021) 532-0550		70mm ON ORIGINAL DRAWING		DESIGNATION		DESIGNATION		BIO-METHANE GAS PLANT		4917 - S - 301 - P		REVISION	
CHECKED						E-MAIL: cape@jgafrica.com				DATE		DATE		REFURBISHMENT OF WASTE PROCESSING BUILDING		REF. DRAWING NO.		B	
ISSUED FOR INFORMATION						DESIGNED AND DETAILING UNDER THE CONTROL & ESTABLISHED BY A QUALITY MANAGEMENT SYSTEM ACCORDING TO THE REQUIREMENTS OF THE SOUTH AFRICAN STANDARD SANS 10400-1										CAD		A1	
NATURE OF REVISION																			