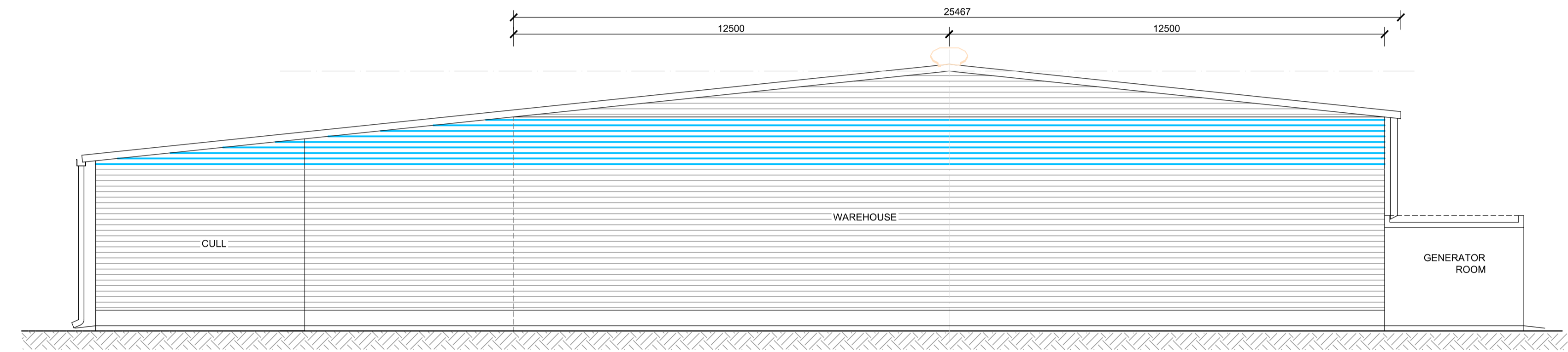
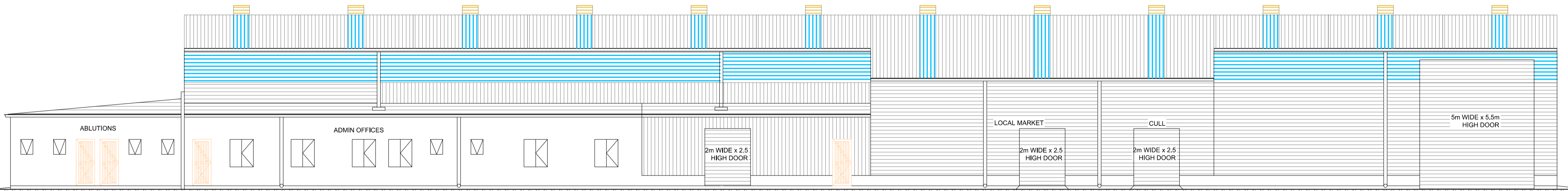


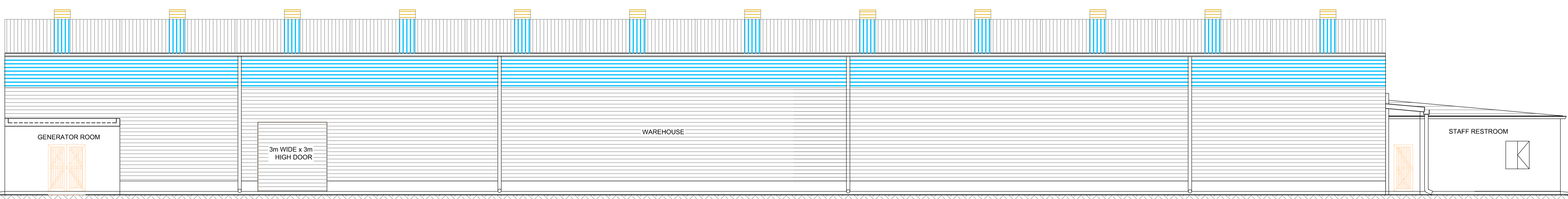
WEST ELEVATION
SCALE 1:100



EAST ELEVATION
SCALE 1:100



SOUTH ELEVATION
SCALE 1:100



NORTH ELEVATION
SCALE 1:100

GENERAL NOTES : STEEL

1. ALL STEEL TO BE GRADE S355JR.
2. ALL CONNECTIONS TO BE TO THE FULL TENSILE STRENGTH OF THE MEMBERS.
3. ALL SPLICES AND CONNECTIONS ARE SUBJECT TO THE APPROVAL OF THE ENGINEER.
4. SHOP DRAWINGS ARE TO BE SUBMITTED TO THE ENGINEER FOR APPROVAL AT LEAST TWO WEEKS PRIOR TO COMMENCEMENT OF MANUFACTURE.
5. STRUCTURE TO BE STABILIZED BY TEMPORARY BRACING AND PROPS DURING ERECTION.
6. NO CLADDING TO BE FIXED UNTILL ALL BRACING HAS BEEN INSTALLED AND STRUCTURE PROPERLY SECURED.
7. ALL SURFACES TO BE PAINTED MUST BE FREE OF MILL SCALE, CORROSION, GREASE, DUST, ETC.
8. ALL STRUCTURAL STEELWORK TO BE HOT DIPPED GALVANIZED.
9. ALL DIMENSIONS ON THIS DRAWING SHOULD BE CHECKED BY THE CONTRACTOR PRIOR TO MANUFACTURE.
10. FIGURED DIMENSIONS ONLY TO BE USED, DRAWING IS NOT TO BE SCALED.
11. DISCREPANCIES, ERRORS AND OMISSIONS ARE TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY THEY BECOME EVIDENT.
12. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE ENGINEER'S CONCRETE DRAWINGS AS WELL AS THE ARCHITECT'S DRAWINGS.
13. ALL BOLTS ARE M16 GRADE 4.6 UNLESS STATED OTHERWISE.
14. ALL WELDS ARE 6MM FILLET WELDS.
15. 16B RIB ROOF SHEETS TO BE 0.8MM THICK.
16. FLASHING TO BE 0.8MM THICK.

GENERAL NOTES : CONCRETE

CONCRETE STRENGTH

(A) FOUNDATIONS.....	20 Mpa cube strength at 28 days
(B) COLUMNS.....	30 Mpa cube strength at 28 days
(C) BEAMS AND SLABS.....	30 Mpa cube strength at 28 days
(D).....	30 Mpa cube strength at 28 days

CONCRETE COVER TO REINFORCING

(A) SLAB.....	15 mm
(B) BEAMS.....	30 mm
(C) COLUMNS.....	30 mm
(D) RETAINING WALLS.....	40 mm
(E) BASES.....	50 mm

NOTE:

1. BEAM DEPTH INCLUDES SLAB THICKNESS
2. CONTRACTOR IS TO MAINTAIN STEEL IN CORRECT POSITION AFTER PLACING AND DURING CONCRETING
3. STONE, SAND AND CEMENT TO BE TO THE SATISFACTION OF THE CONSULTING ENGINEER.
4. NO CONCRETE TO BE POURED UNTIL THE STEEL HAS BEEN INSPECTED BY THE CONSULTING ENGINEER.
5. ANY BREAKS IN THE CONCRETE ARE TO BE MADE IN ACCORDANCE WITH THE ENGINEER'S INSTRUCTIONS.
6. NO STRUCTURAL ALTERATIONS TO BE MADE WITHOUT THE APPROVAL OF THE CONSULTING ENGINEER.
7. THE STRUCTURE HAS BEEN DESIGNED FOR THE FOLLOWING CONDITIONS:
(A) SAFE GROUND PRESSURE..... 200 kN/sq m
(B) LIVE LOAD ON SLAB..... 5.0 kN/sq m
8. ALL DRAWINGS TO BE READ IN CONJUNCTION WITH THE ARCHITECTURAL AND THE CIVIL ENGINEERING DRAWINGS.
9. THE DESIGN ON THIS DRAWING REMAINS THE PROPERTY OF LUKHOZI CONSULTING ENGINEERS - COPYRIGHT IS RESERVED.
10. ALL DIMENSIONS TO BE CHECKED ON SITE BEFORE WORK IS PUT IN HAND. ANY DISCREPANCY MUST IMMEDIATELY BE REPORTED TO THE ENGINEER.
11. THIS DRAWING IS NOT TO BE SCALED.

No	AMENDMENTS	DATE
P1	ISSUED FOR APPROVAL	06-07-2015
P0	ISSUED FOR APPROVAL	26-06-2015

	PR REGISTRATION NO.	DATE

LUKHOZI

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CLIENT

**DEPARTMENT OF
RURAL DEVELOPMENT
AND AGRARIAN REFORM**

PROJECT TITLE

**RIPPLEMEAD PACK
HOUSE**

DRAWING TITLE

ELEVATIONS

SCALE	SHEET SET	SHEET SIZE
AS SHOWN	SHEET 1 OF 1 SHEETS	A1
DRAWING No.	1471-S-003	REVISION
		P2

P11471_Ripplemead Pack House Drawings/Primary/1471-S-002-Elevation.dwg