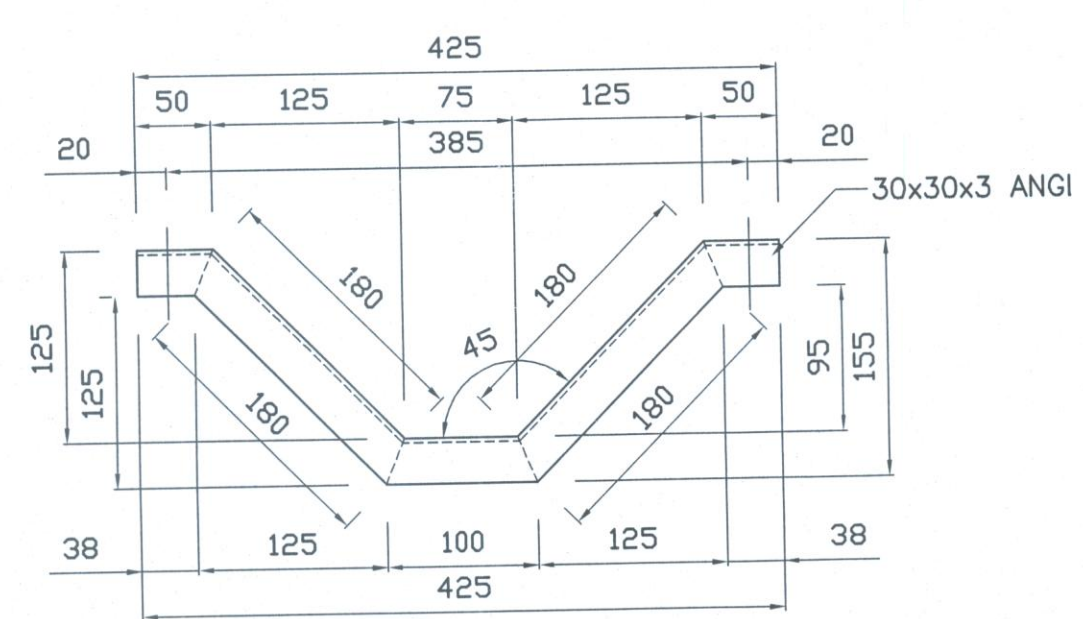
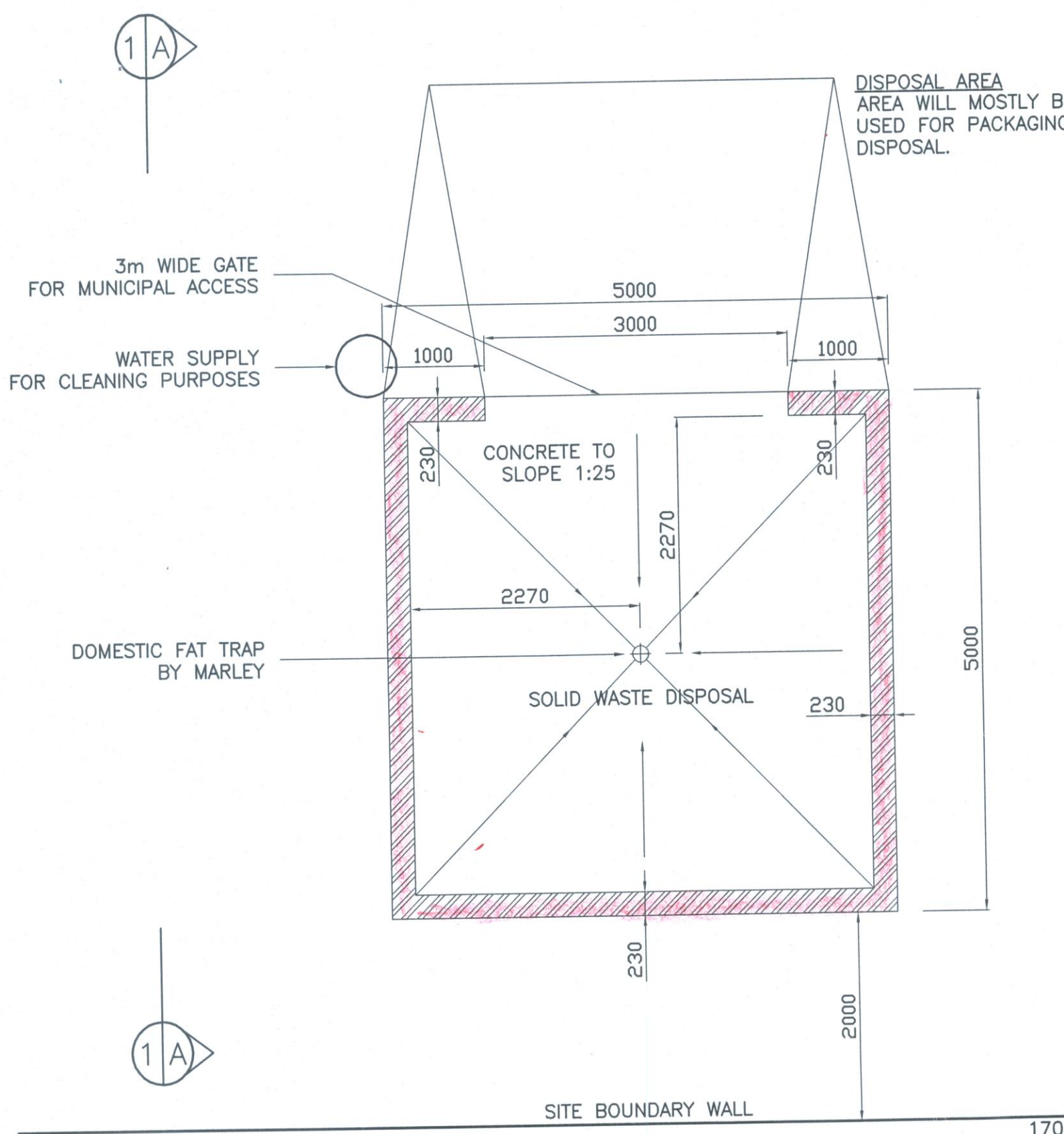
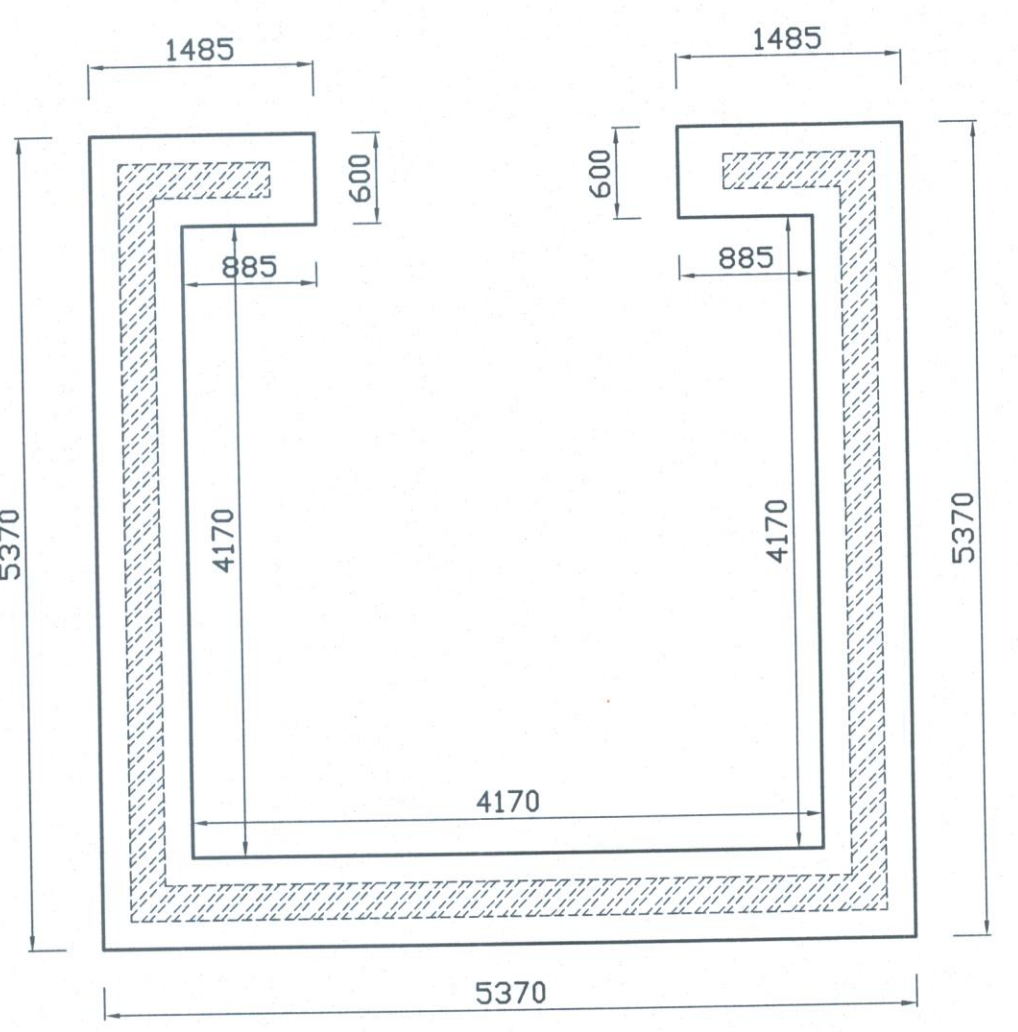
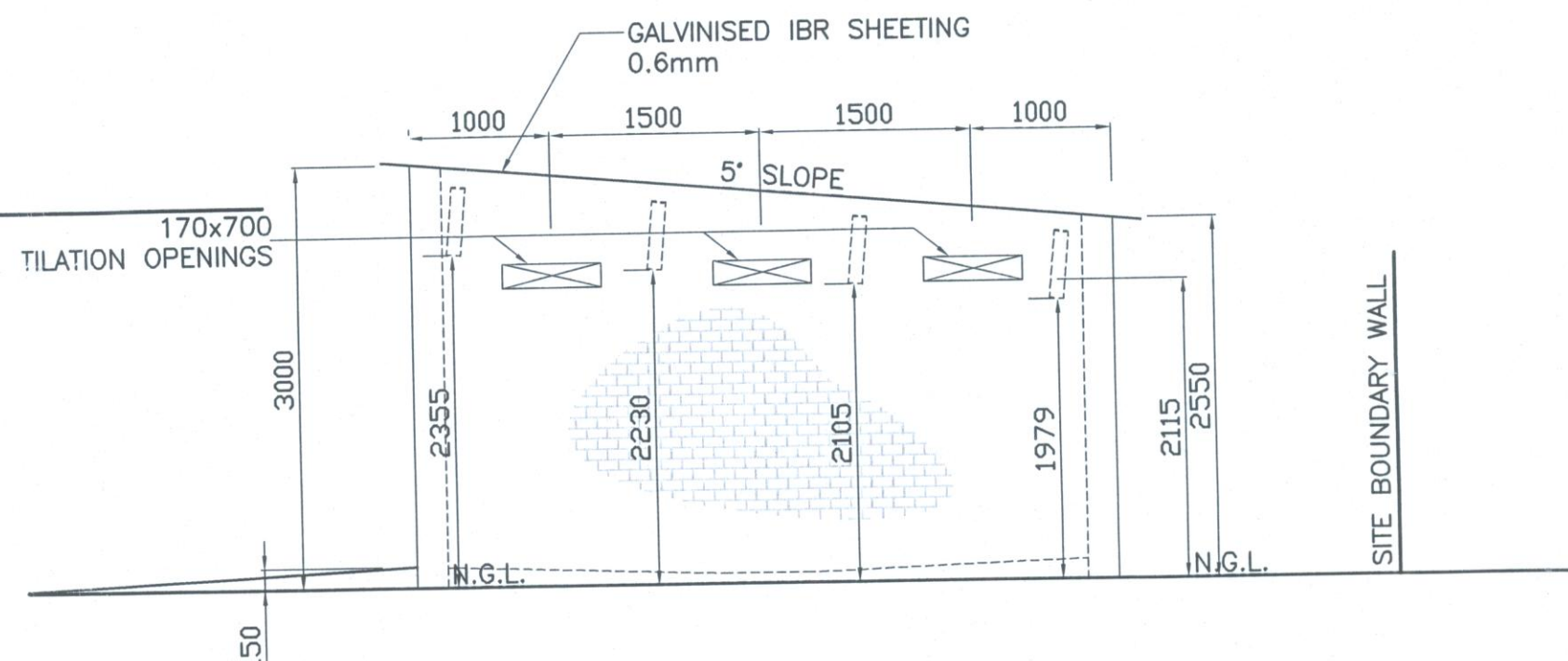




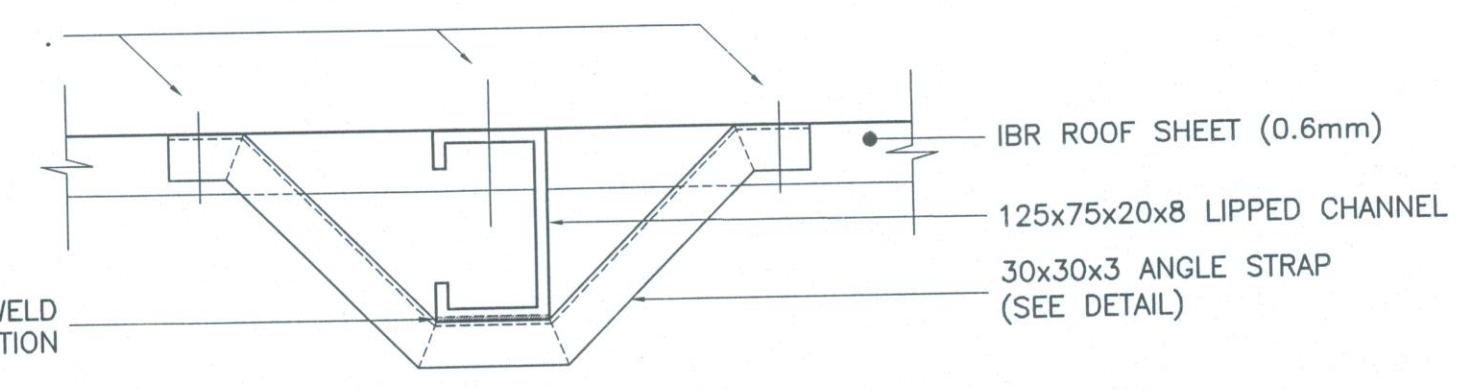
STRAP DETAIL
SCALE 1:5
(4 OFF)



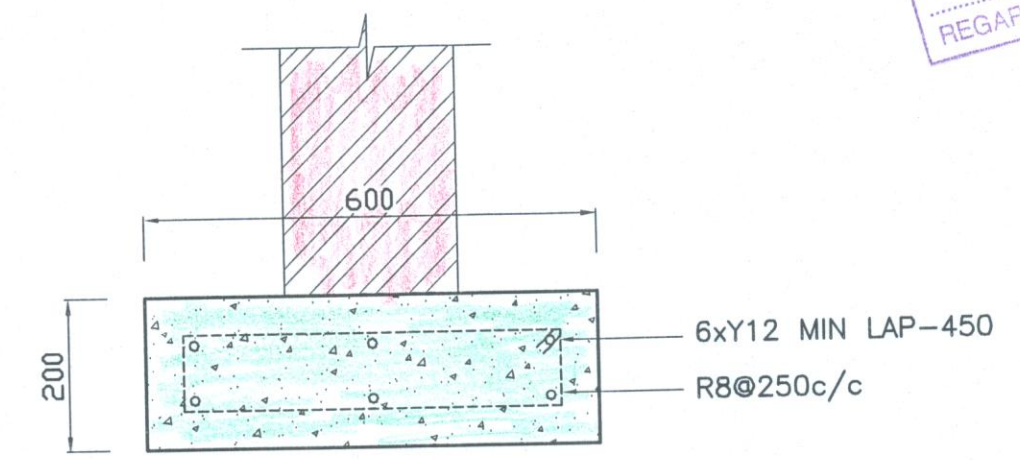
FOUNDATION LAYOUT TO S/W AREA
SCALE 1:50



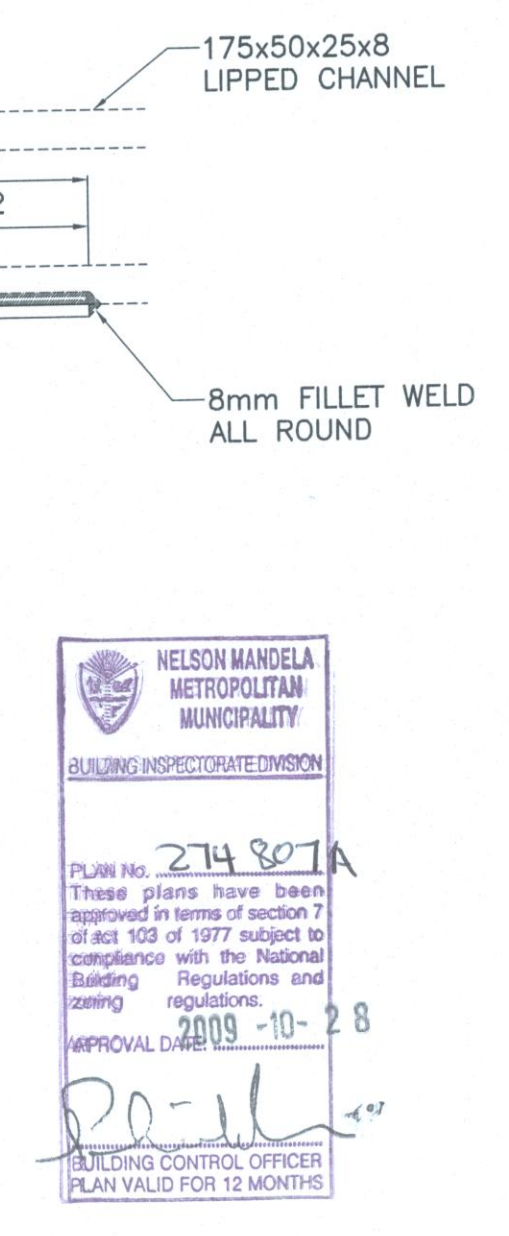
ELEVATION A-1
SCALE 1:50



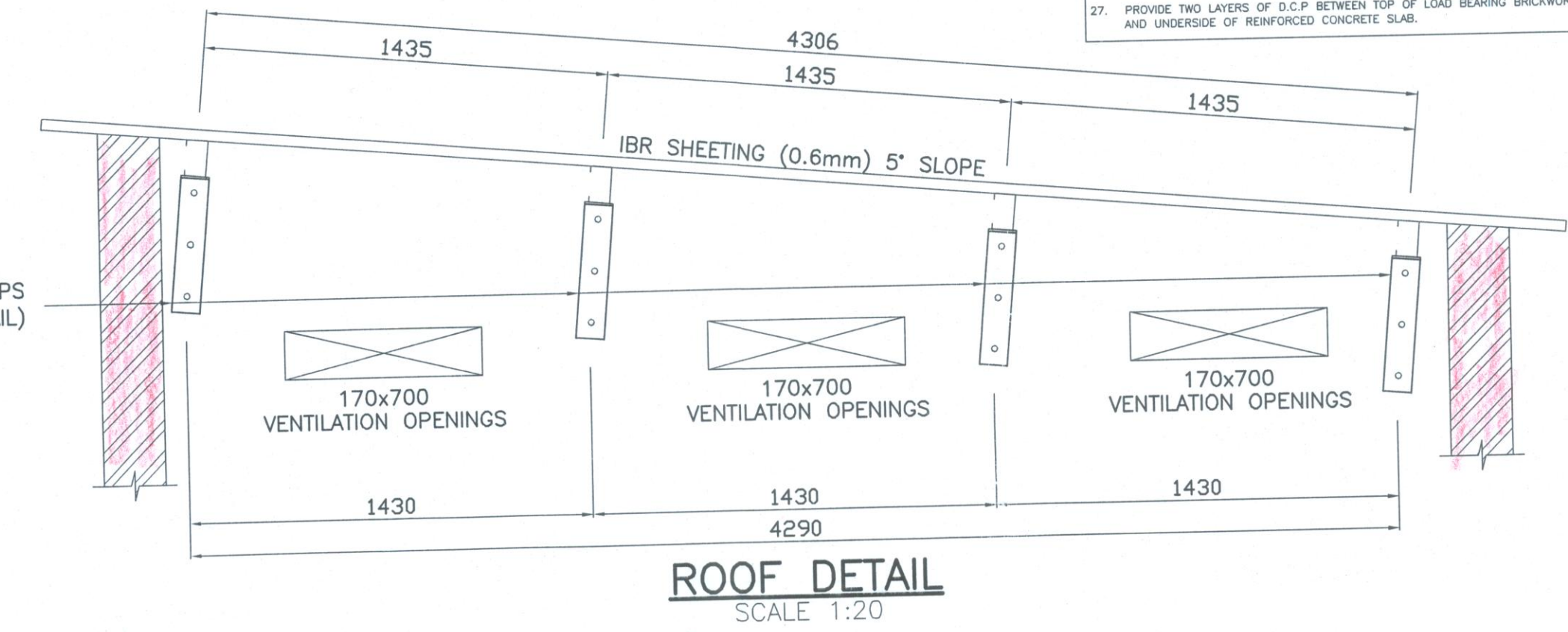
ROOF STRAP DETAIL
SCALE 1:5



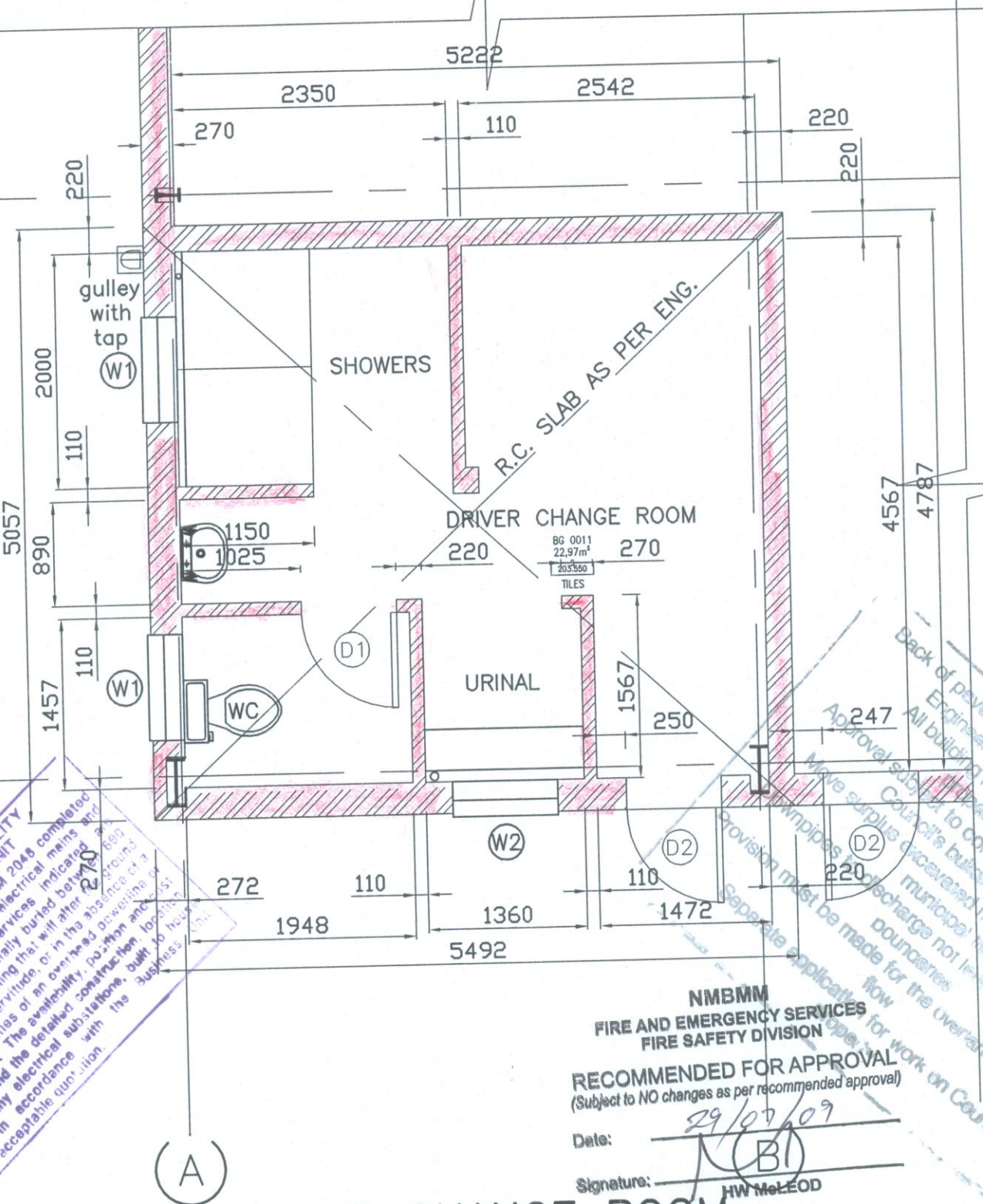
TYPICAL FOUNDATION SECTION
SCALE 1:20



WALL STRAP DETAIL



ROOF DETAIL
SCALE 1:20



DRIVER CHANGE ROOM
SCALE 1:50

- STRUCTURAL STEELWORK NOTES**
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL THE RELEVANT ARCHITECTURAL AND SERVICES DRAWINGS.
 - DO NOT SCALE THIS DRAWING. USE MARKED DIMENSIONS ONLY.
 - ALL DIMENSIONS AND LEVELS TO BE CHECKED ON SITE PRIOR TO MANUFACTURE OF STRUCTURAL STEELWORK.
 - ALL SHOP DETAILS TO BE APPROVED IN WRITING BY ENGINEER BEFORE FABRICATION IS COMMENCED.
 - STRUCTURAL STEELWORK TO COMPLY WITH THE SABS0162 AND OTHER RELEVANT SABS STANDARDS.
 - MATERIAL TO COMPLY WITH STEEL GRADE MIN 355W, UNLESS OTHERWISE NOTED.
 - ALL WELDS TO BE A MINIMUM 6MM CONTINUOUS FILLET, UNLESS OTHERWISE NOTED.
 - ALL BUTT WELDS TO BE FULL PENETRATION.
 - ALL BOLTS TO BE OF GRADE 4.8, UNLESS OTHERWISE STATED.
 - STEELWORK RESTING ON CONCRETE TO BE DETAIL TO ALLOW FOR GROUT BETWEEN CONCRETE AND BASE PLATES.
 - GROUT UNDER BASES TO BE AN APPROVED NON-SHRINK GROUT MIXED AND PLACED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
 - NO SITE CUTTING, DRILLING OR WELDING WILL BE PERMITTED WITHOUT THE PRIOR CONSENT OF THE ENGINEER.
 - FOR TREATMENT AND PAINTING OF STEELWORK, SEE CONTRACT SPECIFICATIONS.
 - GENERAL SPECIFICATION OF MATERIALS AND METHODS TO BE USED FOR BUILDING CONTRACTS.
 - ALL TANK SUPPORT BEAMS TO BE SHOP OR SITE WELDED USING 4MM FILLET WELDS, UNLESS OTHERWISE STATED.
 - IN THE CASE OF STRUCTURAL STEEL THAT COULD NOT BE FACTORY PRIMED, OR WHERE SHOP-PRIMED STEEL HAS BEEN DAMAGED ON SITE, OR IN THE CASE OF STEEL SURFACES WHERE THE PAINT SYSTEM HAS FAILED, PREPARE STEEL SURFACES FOR PRIMER TO SHINY METAL STATE ACCORDING TO SABS064. PAINT STEEL COMPONENTS WITH THE FULL PAINT SYSTEM BEFORE FIXING IN POSITIONS WHERE PAINTING WILL NOT BE POSSIBLE AFTER FIXING.
 - PAINT STEEL AS FOLLOWS:
APPLY TWO COATS OF ZINC PHOSPHATE PRIMER TO COMPLY WITH SABS1310. FINISH WITH TWO COATS STRUCTURAL STEEL ALLOY BASED PAINT TO COMPLY WITH SABS684, TYPE B.

- CONCRETE NOTES**
- ENGINEER TO INSPECT ALL REBAR PRIOR TO CASTING ANY CONCRETE. CONTRACTOR MUST INFORM THE ENGINEER AT LEAST 24 HOURS BEFORE CASTING TIME TO ARRANGE INSPECTION.
 - ALL REBAR TO BE SUPPORTED ON PURPOSE-MADE CONCRETE SPACERS OR PLASTIC SPACERS. NO SPACERS WILL BE ACCEPTED IF ANY OTHER MATERIAL IS USED. STOOLS ARE TO SIT ON "B1" MAT OF STEEL AND NOT ON SHUTTERING.
 - CONTRACTOR TO ENSURE THAT CUBES ARE CAST WITH THE ELEMENT THEY ARE INTENDED TO REPRESENT. NO CUBE TEST RESULTS WILL BE ACCEPTED IF THEY ARE CAST AFTERWARDS OR FROM A BATCH ON CONCRETE NOT USED IN THE ELEMENT WHICH THE CUBE REPRESENTS.
 - CONCRETE WILL BE CURED PROPERLY USING AN APPROVED METHOD OF MOISTURE RETENTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR CONCRETE WITH IS REJECTED DUE TO POOR CURING METHODS OR LACK THERE OF.
 - CONCRETE COVER IS AS FOLLOWS:
FOUNDATIONS 50MM
WALLS 25MM
COLUMNS 40MM
SLABS 25MM
BEAMS 25MM
 - ALL CONCRETE CONSTRUCTION IS TO BE IN ACCORDANCE WITH SABS 0100.
 - ALL STRUCTURAL STEEL CONSTRUCTION IS TO BE IN ACCORDANCE WITH SABS 0162.
 - LOAD BEARING BRICKWORK IS TO BE CONSTRUCTED IN ACCORDANCE WITH SABS 0162.
 - BRICKS TO HAVE A MINIMUM CRUSHING STRENGTH OF 14MPa WITH STANDARD BUILDING REGULATIONS, CHAPTER 8, MASONRY AND MORTAR TO BE CLASS 2.
 - CONCRETE MIX TO SLAB AND BEAMS, BASES AND STRAP BEAMS TO BE CLASS 25/19 GIVING A MIN. CUBE CRUSHING STRENGTH OF 25MPa AT 28 DAYS.
 - CONCRETE MIX TO COLUMNS TO BE CLASS 25/19 GIVING A MIN. CUBE CRUSHING STRENGTH OF 25MPa AT 28 DAYS.
 - CONCRETE MIX TO REINFORCED CONCRETE WALLS TO BE CLASS 25/19 GIVING A MIN. CUBE CRUSHING STRENGTH OF 25MPa AT 28 DAYS.
 - ALL DIMENSIONS ARE TO BE CHECKED ON SITE AND ANY DISCREPANCIES REPORTED TO THE ENGINEER.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ARCHITECTS PLANS.
 - CONTRACTOR IS RESPONSIBLE FOR MAINTAINING STEEL IN CORRECT POSITION DURING STEEL IN CORRECT POSITION DURING CONCRETING.
 - SLAB THICKNESS AS STATED.
 - BEAM DEPTH IS SECOND DIMENSION GIVEN AND INCLUDES SLAB THICKNESS. FOR INVERT READ INVERTED.
 - DIMENSIONS TO FOUNDATION AND COLUMN FACES PARALLEL TO PRINTED TITLE EDGE OF DRAWING ARE GIVEN FIRST.
 - BASE AND COLUMNS TO BE CONCENTRIC UNLESS DIMENSIONED OTHERWISE.
 - COLUMNS UNDER SHOWN THUS AND OVER SHOWN THUS .
 - LOAD BEARING BRICKWORK UNDER SHOWN THUS .
 - 50MM BLINDING (10MPa) UNDER ALL FOUNDATIONS.
 - GROUND BEARING PRESSURE TO BE A MINIMUM OF 125KPa.
 - ALL FOUNDATION EXCAVATIONS TO BE INSPECTED BY ENGINEER - PRIOR TO CASTING OF BUILDING AND TO BE KEPT DRY AT ALL TIMES.
 - ALL LEVELS AND DIMENSIONS TO BE VERIFIED ON SITE BEFORE ANY WORK COMMENCES, AND ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER.
 - ALL LEVELS SHOWN ARE TOP OF "CONCRETE", UNLESS SHOWN OTHERWISE.
 - PROVIDE TWO LAYERS OF D.C.P. BETWEEN TOP OF LOAD BEARING BRICKWORK AND UNDERSIDE OF REINFORCED CONCRETE SLAB.

This drawing is the property of ANDERSON VOGT & PARTNERS and is furnished on the understanding that no part of it shall be reproduced, copied, lent, or disposed of to others, directly or indirectly, nor used for any purpose other than that for which it is specifically issued.

Hierdie tekening is die eiendom van ANDERSON VOGT & VENNOTE en dit word slegs verskaf op dat geen geleëde versprei gereproduseer, geleë, uitgeleë of van die hand gestuur word sonder, direk of indirek, of enige ander doel gebruik te word vir watter ook al spesifiek bedoel word nie.

- All dimensions are given in millimeters, unless otherwise specified.
- Do not scale drawings.
- All dimensions to be checked on site before construction commences.
- Any discrepancies to be reported to designer to be clarified.
- Contractors to adhere to all local authority's regulations and requirements.
- All work to be done in accordance with the National Building Regulations and Building Act, Act SABS 400-1990.
- The owner and his contractor takes full responsibility for the execution of building work from the plans as approved by the NMBM.

CONSTRUCTION NOTES:

- Contractor to keep a full set of approved drawings on site.
- The contractor is responsible for the correct setting out of the building on site with particular reference to boundaries and building lines and verification of all levels.
- The designer should be notified before any alterations to structural elements are made.
- Errors, discrepancies or omissions are to be reported to the designer immediately for clarification before work is undertaken.
- All drawings must be read in conjunction with engineer's or manufacturer's drawings where applicable.

SIGNATURES FOR MUNICIPAL SUBMISSION:

SEE ATTACHED LETTER OF AUTHORITY

Owner's signature

Designer's signature

DRAWN BY:
Monica Jones (Nee Bitzer)

SACAP REG. NO.
7528

REGISTRATION CATEGORY:
Prof. Arch.

MUNICIPAL SUBMISSION INFORMATION:

area of erf:	7 261m ²
existing area:	0
demolished area:	0
demolished coverage:	0%
New area (warehouse):	1 446m ²
new coverage:	19.9%
New area (offices):	220m ²
new coverage:	3%
total area:	1 666m ²
total coverage:	22.9%
new garages:	N/A
new bathrooms:	2

P	PRE APPROVAL	AL	12-01-09
REV	AMENDMENTS	INITIAL	DATE

Anderson Vogt & Partners/Vennote
Consulting Engineers/Roadgewende Ingenieurs

1 Keymer Road
Eastleigh
EDENBURGH
1469
Tel: (011) 452-2838

43 Dorchester Road
DORCHESTER
4001
Tel: (011) 201-4347

94 Victoria Street
DORCHESTER
3009
Tel: (014) 212-3142

Unit 23
Oakfield Business Park
25 Oakfield Road
Pretoria
1999
Tel: (011) 388-0863

1201 Peka Ave
MIDVALE
2003
Tel: (011) 559-0841

SCALE AS INDICATED

DESIGN Date

DRAWN ANDRE LIEBENBERG Date

CHECKED Date

Pr Eng Date

CLIENT

South Bakels (PTY) LTD

PROJECT
New Storage Facility and offices
on Erf 111 (of Portion 48 of Farm
Kuyga no.8), Kuyga,
Port Elizabeth

DRAWING TITLE
Driver Change Room,
Waste Disposal Area

Job No. 6469 **Drawing No.** A-8 **Rev.** P

BEFORE CONSTRUCTION COMMENCES, PLEASE CONTACT
N. Kuyga
384252
REGARDING ELECTRICAL SUPPLY

NMBM FIRE AND EMERGENCY SERVICES FIRE SAFETY DIVISION

RECOMMENDED FOR APPROVAL
(Subject to NO changes as per recommended approval)

Date: 29/07/09

Signature: [Signature]

NEED TO BE APPROVED BY THE MUNICIPALITY
This drawing is the property of Anderson Vogt & Partners/Vennote and is furnished on the understanding that no part of it shall be reproduced, copied, lent, or disposed of to others, directly or indirectly, nor used for any purpose other than that for which it is specifically issued. The drawing is not to be used for any other purpose without the written consent of Anderson Vogt & Partners/Vennote. The drawing is not to be used for any other purpose without the written consent of Anderson Vogt & Partners/Vennote.