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22/08/2025 7:00:04 am

MINISTRY OF EDUCATION
FMU

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TEBWANIMWANEKA PS

CLIENT: MOE
PROJECT NO: 2560

DWG TITLE:
GENERAL WORKS
SPECIFICATION

DRAWN by:
REVIEWED by:
DATE: 19/08/25
SCALE: 1 : 20

DRAWING NUMBER: A01
ISSUE: WORKING DRAWING

GENERAL WORKS SPECIFICATION

ALL SETOUT AND CONSTRUCTION DIMENSIONS ARE TO BE CHECKED ON SITE PRIOR TO STARTING ANY WORKS BY THE CONTRACTOR OR SUB-CONTRACTORS.

REFER ANY DISCREPENCIES TO ARCHITECT FOR RESOLUTION.

ROOF PLUMBING

GUTTERS

colourbond STEEL EAVES GUTTERING. QUAD gutter OR APPROVED EQUIVALENT. screw GUTTER TO TIMBER FASCIA WITH MATCHING GUTTER BRACKETS. slope GUTTER TO DOWNPIPES AT A MINIMUM GRADIENT OF 1 IN 400. TEST slope OF GUTTER BY FILLING WITH WATER AND ENSURING WATER FULLY DRAINS TO DOWNPIPES.

DOWNPIPES

100 DIA. UPVC - PAINT FINISH.

ROOFING

STANDARD CORRUGATED STEEL ROOFING - ZINCALUME ZINISH

FIX STEEL ROOFING TO TIMBER ROOFING BATTENS WITH GALVANISED ROOFING SCREWS

RIDGE AND BARGE CAPPINGS

FOLDED STEEL SHEET - ZINCALUME ZINISH

FIX CAPPINGS THROUGH STEEL ROOFING TO TIMBER ROOFING BATTENS WITH GALVANISED ROOFING SCREWS

RAINWATER TANKS

5000 LITRE POLYETHELENE RAINWATER TANK ON BLOCKWORK PLATFORM. PROVIDE ALUMINIUM MESH INSECT SCREEN AT INLET IN TOP OF TANK.

ROOF FRAMING

ALL TIMBER FRAMING SHOULD BE TERMITE TREATED AND COMPLY WITH AS 1684.

TIMBER TRUSSES AND RAFTERS

REFER TO SECTIONS AND DETAILS FOR TRUSSES/RAFTER DESIGN.

BE SURE TO INSTALL ALL BOTTOM CHORD TIES, ROOF BRACING AND TIES TO TOP PLATES.

CEILING BATTENS/NOGGINGS

NAIL FIX 50x50 CEILING BATTENS/NOGGINGS TO UNDERSIDE OF TIMBER TRUSSES AT 600 CENTRES MAX IN BOTH DIRECTIONS.

BLOCKWORK & CONCRETING

CONCRETE BLOCKS

390Lx190Hx140T CONCRETE BLOCKS LAID IN STRETCHER BOND. 10mm FLUSH JOINTED MORTAR TO SPECIFICATION. RUN STRING LINE FOR ALL BLOCKWORK COURSES. DO NOT TOOL JOINTS.

CHECK DETAILS FOR INSTALLATION OF REINFORCING. BACKFILL HOLLOW BLOCKS WITH GROUT.

BLOCKWORK FINISH

FLUSH JOINTED MORTAR.

MORTAR MIX

1:3
CEMENT:SAND RATIO

GROUT MIX

1:1:2:4
WATER:CEMENT:SAND:AGGREGATE (10mm) RATIO

USE AT LEAST 300KG OF CEMENT PER CUBIC METRE OF CONCRETE.

CONCRETE MIX

0.75:1:2:4
WATER:CEMENT:SAND:AGGREGATE (20mm) RATIO

LAY CONCRETE SLAB OVER BLACK PLASTIC SHEETING, 50mm SAND BLINDING AND 150mm COMPACTED HARDCORE

REINFORCING

ALL STEEL REINFORCING TO BE MINIMUM GRADE 300MPa

LININGS AND TRIM

CEILING LINING

standard construction PLYWOOD SHEETS NAILED TO CEILING BATTENS AT 300 CENTRES IN CENTRE OF SHEET AND AT 150 CENTRES AT SHEET EDGES.

ARCHITRAVES, SKIRTINGS AND CORNICE TRIMS

40x15mm DRESSED PINE & PAINT FINISH.

EXTERNAL MATERIALS

blockwork
BAGGED AND PAINTED CONCRETE BLOCKS

INTERNAL FINISHES

concrete
CONCRETE FLOOR. BROOM FINISH.

floor tile
ceramic FLOOR TILE any size suits

wall tile
ceramic WALL TILE (UP TO 1200mm AT TOILET WET AREAS)

non slip tile
SELECTED NON SLIP TILES AT TOILET WET AREAS

EXTERNAL PAINTING

WINDOW FRAMES AND FASCIA
1 COAT 1 STEP OIL BASED PRIMER SEALER UNDERCOAT
2 COATS OF SEMI-GLOSS ENAMEL
COLOUR: TO BE SELECTED

INTERNAL PAINTING

INTERNAL WALLS AND CEILINGS
1 COAT SEALER
2 COATS WASH AND WEAR LOW SHEEN
COLOUR: SELECTED WHITE

TRIMS (SKIRTINGS, ARCHITRAVES, INTERNAL DOORS & FRAMES)
1 COAT 1 STEP OIL BASED PRIMER SEALER UNDERCOAT
2 COATS OF SEMI-GLOSS ENAMEL
COLOUR: SELECTED WHITE

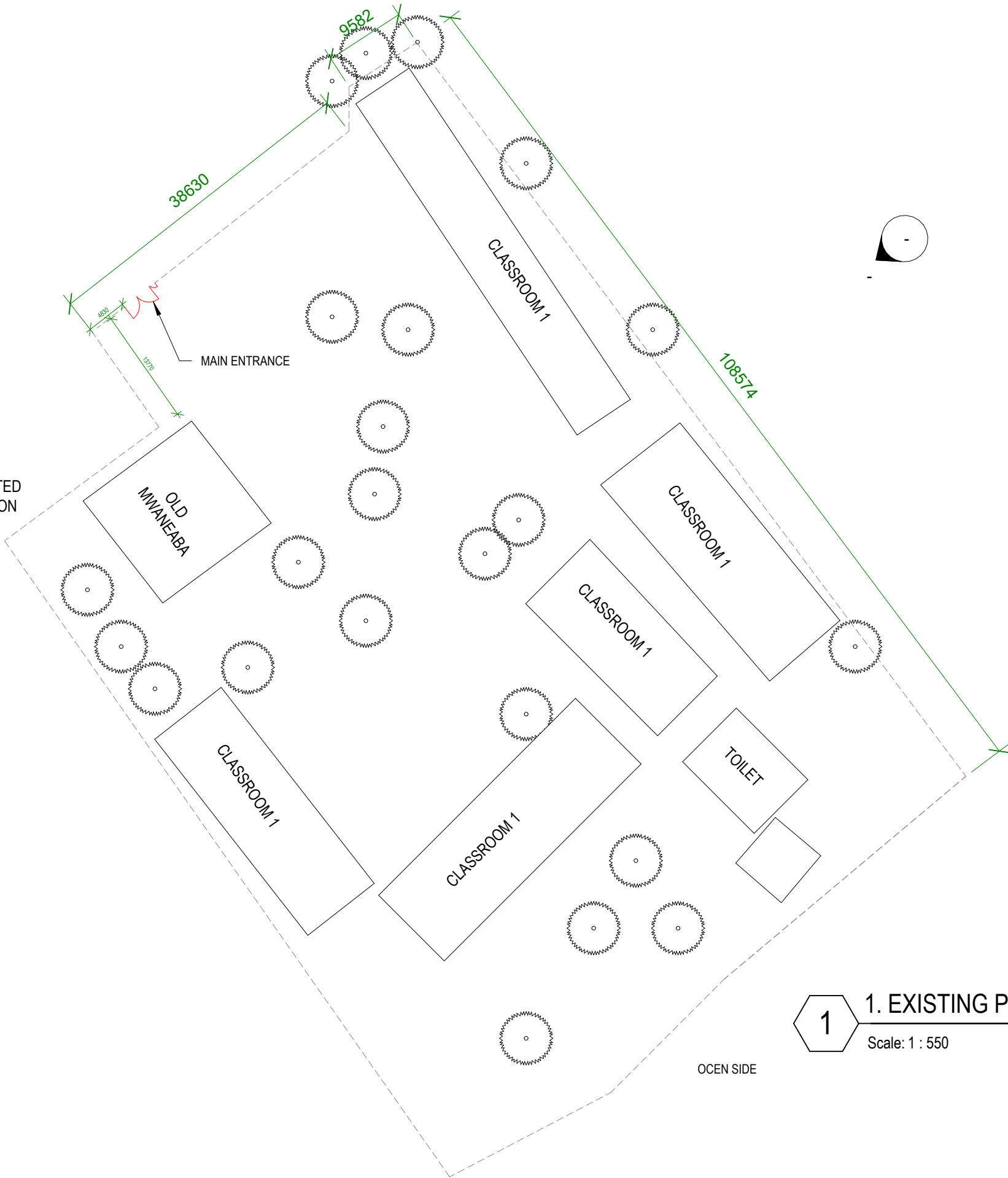
WINDOW FRAMES
1 COAT 1 STEP OIL BASED PRIMER SEALER UNDERCOAT
2 COATS OF SEMI-GLOSS ENAMEL
COLOUR: TO BE SELECTED

ONLY PREMIUM QUALITY PAINTS TO BE USED

GENERAL NOTES:

- THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE CONSTRUCTION SPECIFICATION AND ASSOCIATED STANDARD BUILDING DRAWINGS ALL DISCREPANCIES MUST BE NOTIFIED TO THE PROJECT MANAGEMENT UNIT AND FACILITIES MANAGEMENT UNIT (PMU/FMU) AT THE MINISTRY OF EDUCATION (MOE).
- THE CONTRACTOR MUST DEVELOP A CONSTRUCTION ENVIRONMENTAL AND SOCIAL SAFEGUARD MANAGEMENT PLAN (CESMP). THE CESMP MUST BE APPROVED PRIOR TO MOBILIZING TO SITE.
- ALLOW TO CONSULT WITH THE SCHOOL AND SURROUND COMMUNITY OF THE PROPOSED WORKS. THE CONTRACTOR MUST APPOINT A LOCALLY BASED COMMUNITY LIASON OFFICER ASSIST WITH IMPLEMENTING AND MONITORING THE CONSTRUCTION ENVIRONMENT AND SOCIAL SAFEGUARD MANAGEMENT PLAN (CESMP)
- PRIOR TO MOBILIZATION TO SITE, ALLOW TO LIAISE WITH THE ISLAND COUNCIL AND ADVICE OF THE PROPOSED PROGRAM AND ASSISTANCE REQUIRED FROM THE COUNCIL DURING CONSTRUCTION. THIS WAY INCLUDE BUT NOT BE LIMITED TO SOURCING AND UNLOAD AT SEAPORT AND LABOR FOR CONSTRUCTION.
- CONFIRM BUILDER'S SITE AREA IN CONSULTATION WITH PMU/FMU, THE SCHOOL ADMINISTRATION AND COMMUNITY LEADERS. ALLOW TO MARK BOUNDARY PEG LOCATIONS.
- USE FIGURED DIMENSIONS IN PREFERENCE TO SCALING, SETOUT FOR NEW WORKS IS INDICATIVE ONLY AND CONFIRM FINAL SETOUT ON SITE IN CONSULTATION WITH THE PMU/FMU AT MOE.
- LOCATION OF EXISTING INFRASTRUCTURE INDICATIVE AND IS SHOWN FOR INFORMATION PURPOSES ONLY.
- CONFIRM LOCATIONS/HEIGHTS/DEPTHS/CAPACITY OF ALL SERVICES PRIOR TO CONSTRUCTION WITH THE PMU/FMU AT MOE.
- CONTRACTOR TO ALLOW FOR SURVEY USING DUMPY LEVEL & CONFIRM LOCATION OF ALL EXISTING BUILDINGS AFFECTED WITHIN WORKS AREA ALLOW TO OBTAIN EXISTING FLOOR LEVELS AND REDUCED LEVELS AND SUPPLY THIS INFORMATION TO THE PMU/FMU AT MOE PRIOR TO SETTING BUILDING PLATFORM LEVELS.
- ALL WORKS MUST COMPLY WITH THE RELEVANT STANDARDS AND BUILDING CODES AS APPROVED AT THE TIME OF THE BUILDING PERMIT.

NOTE
- COVERED WALK WAY ARE NOT SHOWN
ON GOOGLE MAPS



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TEBWANIMWANEKA PS

CLIENT: MOE
PROJECT NO: 2560

DWG TITLE:
EXISTING PLAN

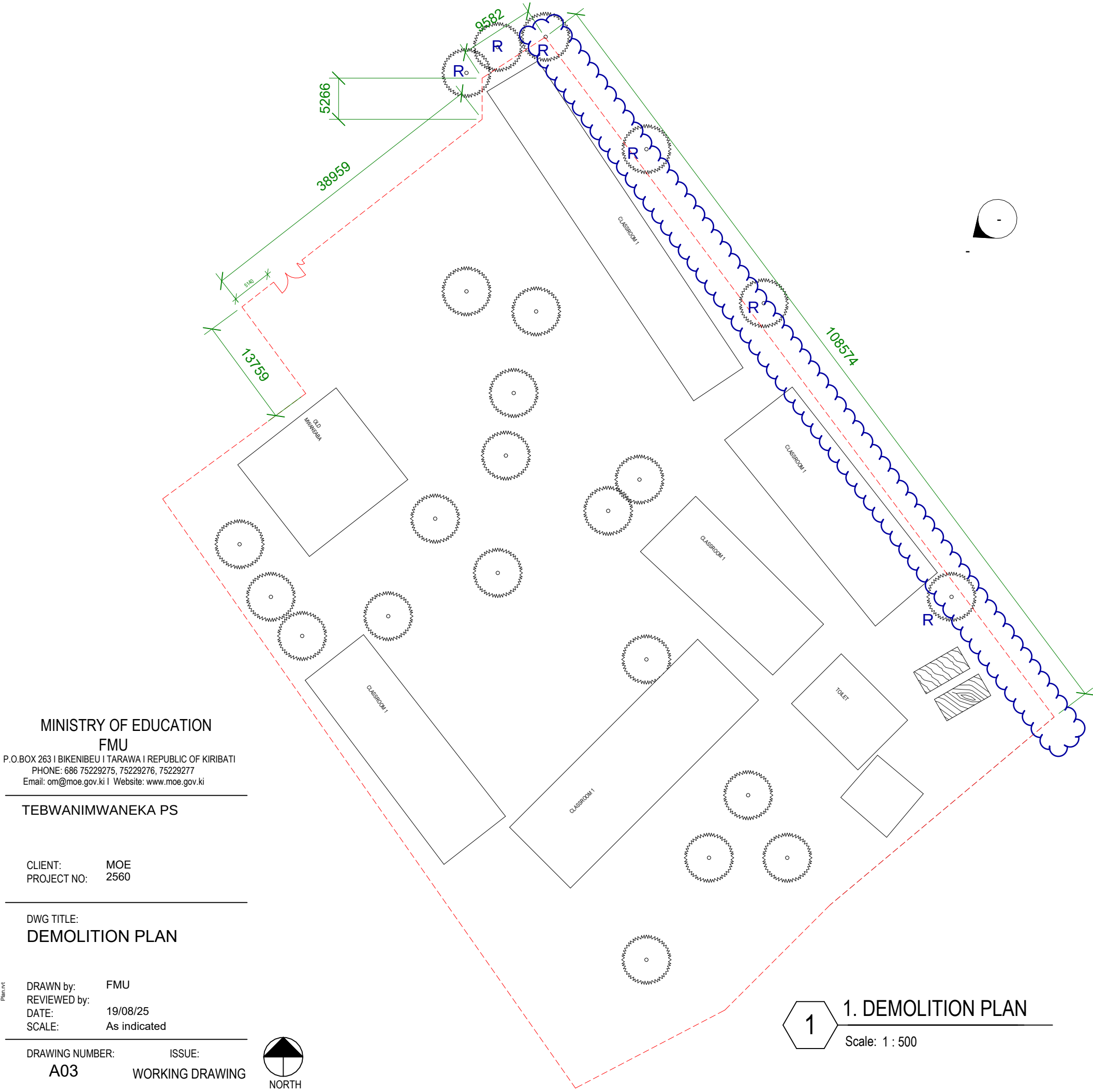
DRAWN by: FMU
REVIEWED by:
DATE: 19/08/25
SCALE: 1 : 550

DRAWING NUMBER: A02
ISSUE: WORKING DRAWING



1. EXISTING PLAN
Scale: 1 : 550

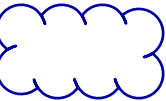
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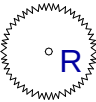
SITE WORKS:
PROVIDE A CONSTRUCTION ENVIRONMENTAL SOCIAL MANAGEMENT PLAN FOR APPROVAL PRIOR TO SITE MOBILIZATION. PROVIDE DILAPIDATION SURVEY COMPRISED OF PHOTOS AND COMMENTARY OF EXISTING BUILDING CONDITION PRIOR TO UNDERTAKING ANY WORKS.

DEGRUB, EXCAVATE AND REPROFILE AREAS INDICATED FOR NEW WORKS AND FROM THIS PLAN IS TO BE READ IN CONJUNCTION WITH PROPOSED SITE PLAN AND FLOOR PLAN FOR NEW AND EXISTING BUILDINGS CONCERNED.

DEMOLITION WORKS AS MARKED



REMOVE ALL THE EXISTING CHAINLINK FENCE WITH ALL EXISTING GALV POSTINGS WITH BRACINGS, PILE THEM AT A DESIGNATED PLACE SHOWN ON THE SITE MAP. ALL EXCAVATED MATERIALS ARE MOE FMU PROPERTIES. NOTIFY FMU SUPERVISOR AT ONCE.



REMOVE EXISTING TREES OR TRIM EXISTING TREES AND STOCK PILE TRUNKS/BRANCHES IN MARKED STOCK PILE LOCATION



STOCKPILE FOR ALL EXCESS EXCAVATED FILL + NEW ENGINEERED FILL FOR THE WORKS ALLOW FOR 600MM HIGH FENCE OR SAND BAG BUND AROUND STOCKPILE. ALLOW TO REMOVE AND DISPOSE ALL ORGANIC, INORGANIC FILL AT AN DUMP SITE ON SOUTH TARAWA PAY ALL FEE FOR DISPOSAL



STOCKPILE FOR CUT LOGS, CUT BRANCHES AND DISPOSED OF ALL LEAVES AND SMALL BRANCHES TO LOCAL DISPOSAL SITE

BLOCK WORK STRIP FOOTING AND COLUMN PAD

TYPICALLY ALLOW TO CLEAR EXISTING GROUND AND FORM NEW LEVEL BUILDING PADS 2000MM BEYOND ROOF OUTLINE. CUT AND FORM BATTERS 1:3 WHERE REQUIRED TO STABILIZE THE SITE SET ALL NEW SLABS A MINIMUM OF 200MM ABOVE PAD LEVEL. ALLOW FOR ADDITIONAL COMPACTED FILL AROUND BUILDING, BLADE AND BLEND INTO EXISTING.

COMPACT TESTING

ALLOW TO UNDERTAKE 4 TO 5 DYNAMIC CONE PENETROMETER TESTS ALONG STRIP FOOTINGS FOR BLOCK WORK FENCE AND PAD PROVIDE THESE TEST TO THE PMU/FMU FOR REVIEW AND ADVICE BY STRUCTURAL ENGINEER, DYNAMIC CONE PENETROMETER TEST MUST REACH A MINIMUM OF 3 BLOWS PER 100MM

SAFEGUARDS

THE CONTRACTOR SHALL IMPLEMENT ALL MITIGATION AND ADDRESS ALL ITEMS AND MAINTAIN ALL ACTIONS/PROCESS WITHIN THE CESMP THROUGHOUT THE PROJECT.THE CONTRACTOR SHALL ENSURE IT SCREENS ALL WORKERS , STAFF, LABOR INCLUDING SUBCONTRACTORS FOR CRIMINAL RECORDS AND ENSURE ALL PERSONNEL READ, UNDERSTAND, COMPLETE AND SIGN THE MINISTRY OF EDUCATION CHILD AND SAFETY POLICY.

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TEBWANIMWANKEA PS

CLIENT: MOE
PROJECT NO: 2560

DWG TITLE:
DEMOLITION PLAN

DRAWN by: FMU
REVIEWED by:
DATE: 19/08/25
SCALE: As indicated

DRAWING NUMBER: **A03** ISSUE: **WORKING DRAWING**



1 **1. DEMOLITION PLAN**
Scale: 1 : 500

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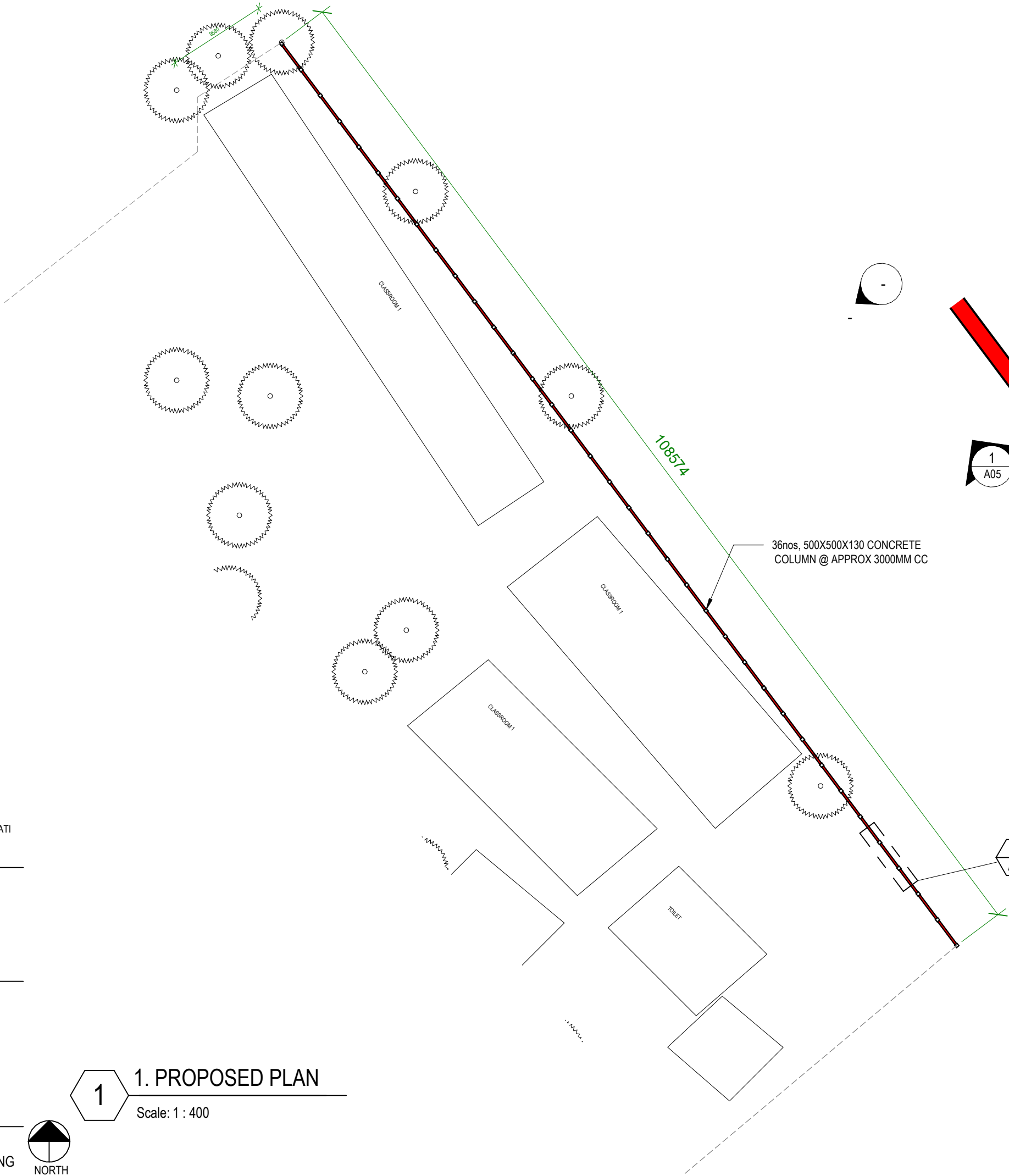
DWG TITLE:
PROPOSED SITE PLAN

DRAWN by: FMU
REVIEWED by:
DATE: 19/08/25
SCALE: As indicated

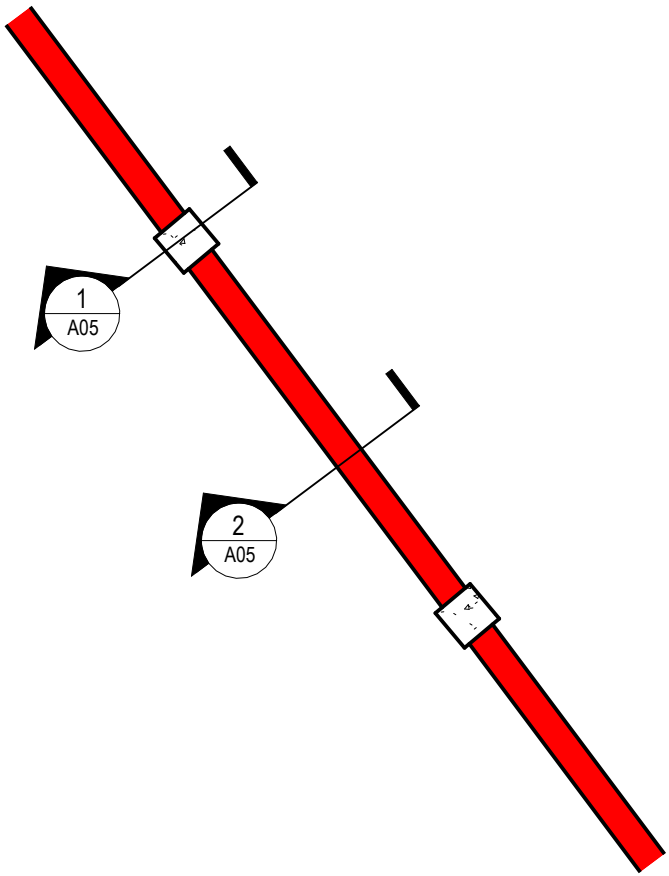
DRAWING NUMBER: A04
ISSUE: WORKING DRAWING



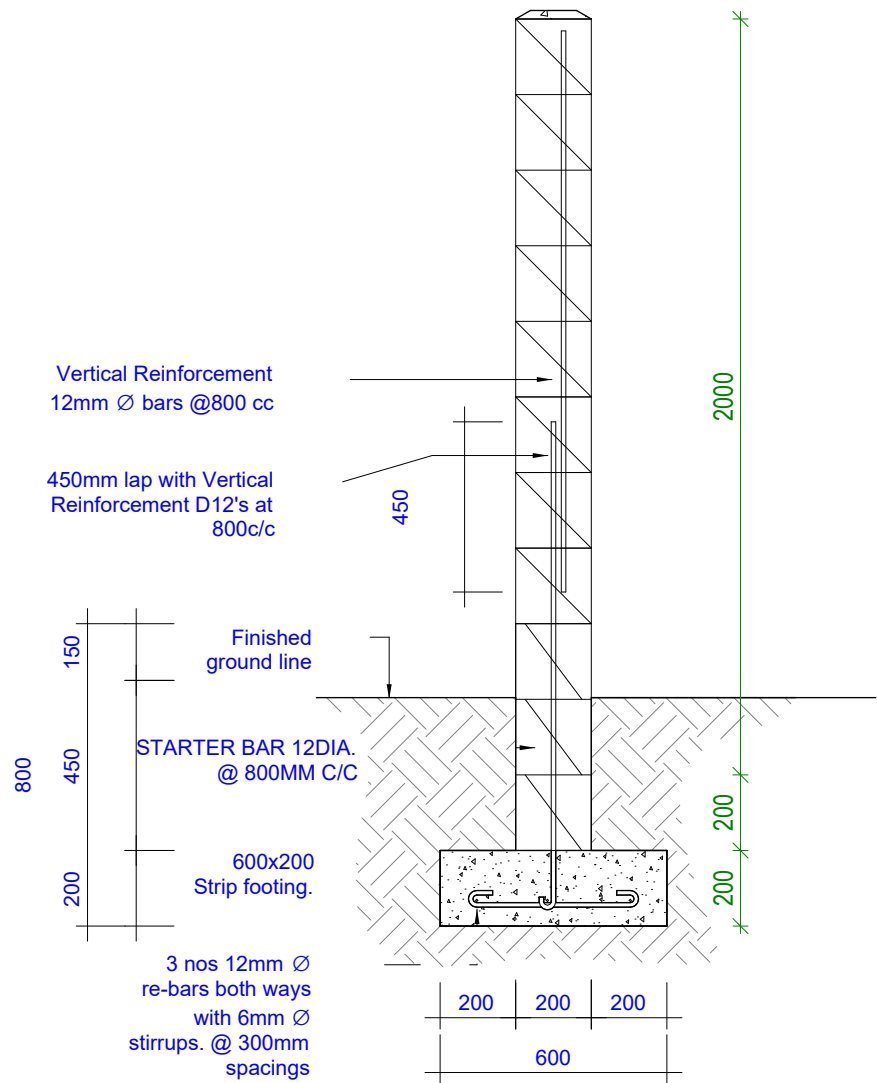
1. PROPOSED PLAN
Scale: 1 : 400



36nos, 500X500X130 CONCRETE
COLUMN @ APPROX 3000MM CC



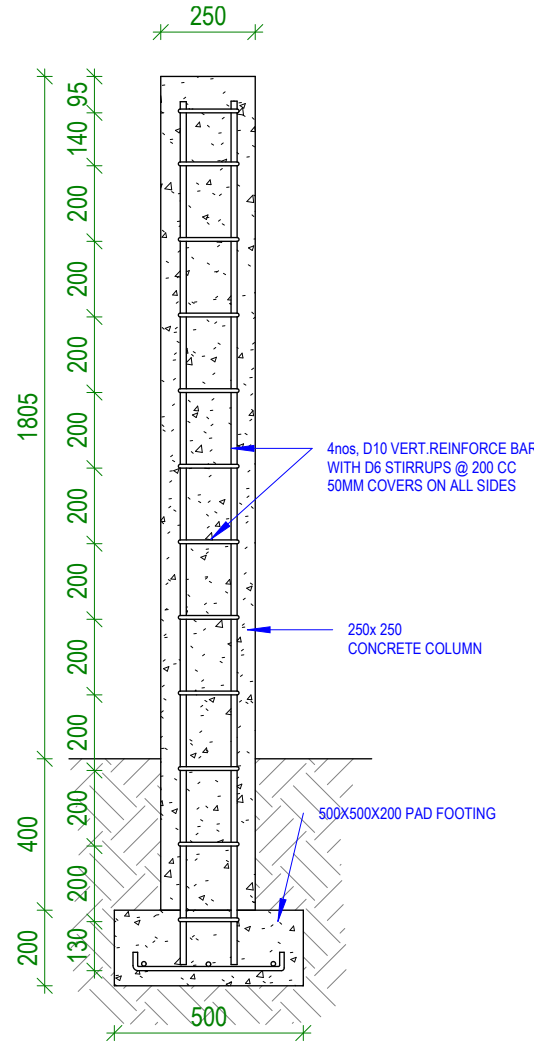
2. 1. PROPOSED PLAN DETAIL
Scale: 1 : 50



STRIP FOOTING DETAIL

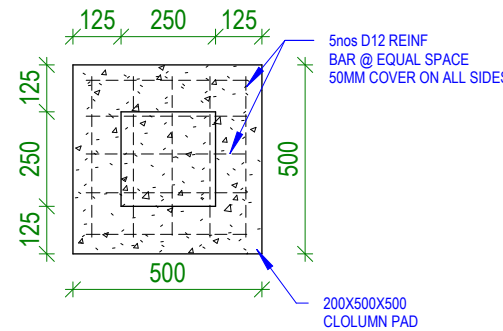
2 BLOCKWORK FENCE

Scale: 1 : 20



1 FENCE COLUMN

Scale: 1 : 20



3 PAD DETAIL

Scale: 1 : 20

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DWG TITLE:

BLOCK WALL & COLUMN DETAIL

DRAWN by: FMU
REVIEWED by:
DATE: 19/08/25
SCALE: As indicated

DRAWING NUMBER: A05
ISSUE: WORKING DRAWING

CONCRETE STRIP FOOTING NOTES

1. THESE DETAILS SHALL ONLY BE USED FOR SINGLE STOREY BUILDINGS
2. ALL REINFORCING SHALL HAVE 50mm CONCRETE COVER.
3. STRIP FOOTINGS MUST SIT ON NATURAL GROUND (SAND AND CORAL). WHERE FILL OR ORGANIC MATERIAL IS FOUND THIS MUST BE REMOVED TO THE LEVEL OF THE NATURAL GROUND.
4. ALL STEEL REINFORCING TO BE MINIMUM GRADE 300MPa

CONCRETE MIX 0.75 : 1 : 2 : 3
WATER:CEMENT:SAND:20mm
AGGREGATE