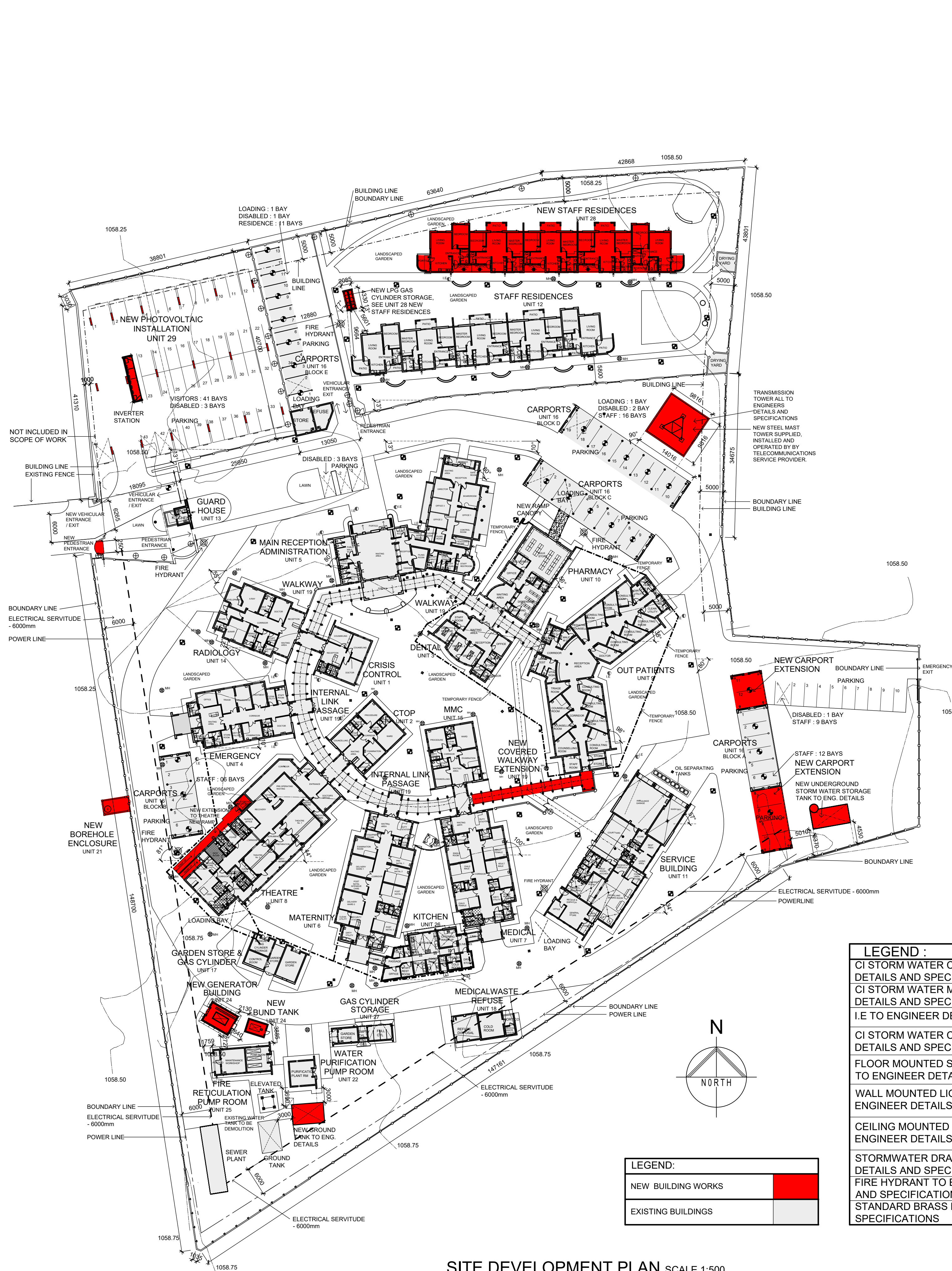
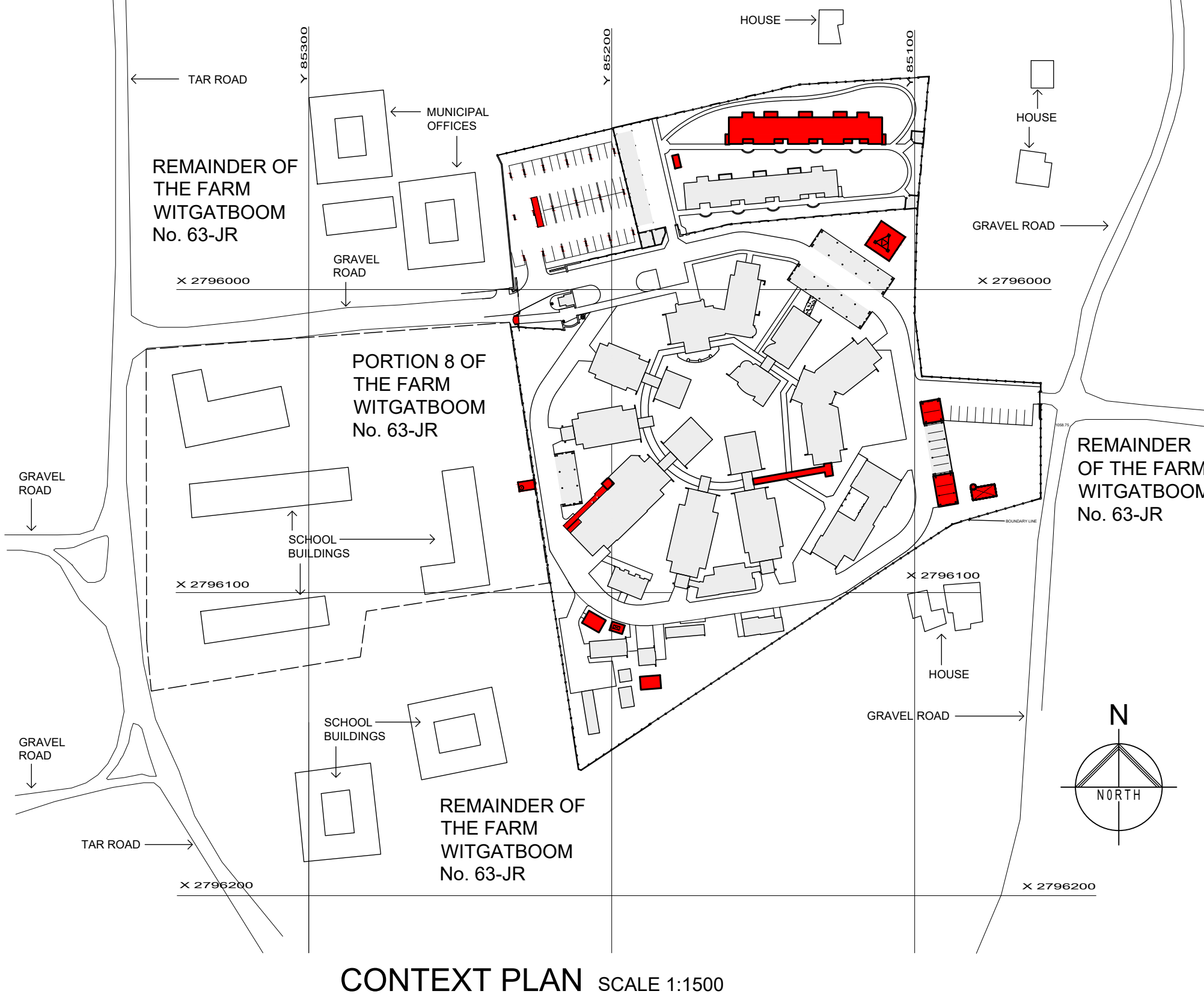




SITE DEVELOPMENT PLAN SCALE 1:500



CONTEXT PLAN SCALE 1:1500

BUILT PROJECT AREA : GENERAL LAYOUT

UNIT NAME	UNIT No.	AREA
NEW TELECOMMUNICATION MAST TOWER	00	96.3m²
NEW LPG GAS CYLINDER STORAGE	28	9m²
NEW RAMP CANOPY	16	11m²
NEW CARPORT EXTENSION	16	135.2m²
NEW COVERED WALKWAY EXTENSION	19	59m²
NEW PEDESTRIAN ENTRANCE	20	4.9m²
NEW BOREHOLE ENCLOSURE	21	15m²
NEW GENERATOR BUILDING & BUND TANK	24	42.8m²
NEW STAFF RESIDENCE - BLOCK B	28	505m²
NEW PHOTOVOLTAIC INSTALLATION	29	971.7m²

CRISIS CONTROL	01	93m²
C.T.O.P	02	132m²
DENTAL	03	133m²
EMERGENCY	04	257m²
MAIN RECEPTION AND ADMINISTRATION	05	504m²
MATERNITY	06	355m²
MEDICAL	07	303m²
THEATRE	08	467.2m²
OUTPATIENTS	09	556m²
PHARMACY	10	163m²
SERVICE BUILDING	11	441m²
GUARDHOUSE	13	20m²
RADIOLOGY	14	203m²
M.M.C	15	132m²
CARPORTS	16	769m²
GARDEN STORE & GAS CYLINDER	17	83.5m²
MEDICAL WASTE AND REFUSE	18	71m²
INTERNAL LINK PASSAGE	19	221m²
PUMP ROOM	22	31m²
FIRE RETICULATION PUMP ROOM	25	68m²
KITCHEN	26	160m²
GAS CYLINDER STORAGE ENCLOSURE	27	45m²
CHC BUILT AREA		5580.9m²
STAFF RESIDENCE	12	473.1m²
TOTAL BUILT AREA		7557.1m²

TOTAL SITE COVERAGE :	AREA
TOTAL AREA OF SITE	25820m²
TOTAL BUILT AREA	7557.1m²
COVERAGE	34.16%

NUMBER OF PARKINGS BAYS :	TOTAL
COVERED PARKING	47
UNCOVERED PARKING	61
DISABLED PARKING	11
LOADING BAYS	04
TOTAL NUMBER OF PARKING BAYS	110

LEGEND :	
CI STORM WATER CATCH PIT TO ENGINEER DETAILS AND SPECIFICATIONS.	⊗
CI STORM WATER MAN HOLE TO ENGINEER DETAILS AND SPECIFICATIONS.	⊕
I.E TO ENGINEER DETAILS AND SPECIFICATIONS.	⊙
CI STORM WATER CATCH PIT TO ENGINEER DETAILS AND SPECIFICATIONS.	⊗
FLOOR MOUNTED STREET LIGHT FITTINGS TO ENGINEER DETAILS AND SPECIFICATIONS.	⊕
WALL MOUNTED LIGHT FITTINGS TO ENGINEER DETAILS AND SPECIFICATIONS.	⊙
CEILING MOUNTED LIGHT FITTINGS TO ENGINEER DETAILS AND SPECIFICATIONS.	⊗
STORMWATER DRAIN PIPE TO ENGINEER DETAILS AND SPECIFICATIONS.	---
FIRE HYDRANT TO ENGINEER DETAILS AND SPECIFICATIONS.	⊗
STANDARD BRASS HOSE BIPTAP TO ARCHITECT SPECIFICATIONS	⊕

LEGEND:	
NEW BUILDING WORKS	■
EXISTING BUILDINGS	□

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G5. THIS DRAWING IS NOT TO BE SCALED. FIGURED DIMENSIONS PREVAIL.

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G10. A FULL SET OF THE LATEST DRAWINGS ARE TO BE KEPT AND MAINTAINED ON SITE FOR REFERENCE.

CONSTRUCTION:

C1. REINFORCED CONCRETE, STRUCTURAL STEELWORK INCLUDING CONNECTIONS OF BALUSTRADES AND LAMINATED BEAMS TO STRUCTURES. LOAD BEARING MASONRY WALLS AND TIMBER STRUCTURES ALL TO BE IN ACCORDANCE WITH THE STRUCTURAL ENDS DESIGN AND SPECS.

C2. ALL MECHANICAL VENTILATION TO BE ACCORDING TO ENGS DETAILS AND SPECS.

C3. DPC TO ALL WALLS AT FLOOR LEVEL, UNDER WINDOW CILLS, AGAINST RETAINING WALLS AT CHANGES IN FLOOR LEVELS, BELOW CONCRETE SURFACE BEDS AND AT JUNCTIONS OF P.C CORNERS.

C4. ALL GLAZING TO BE IN ACCORDANCE WITH SANS 10400 PART N AND SANS 204. ALL GLAZING, EXCEPT WHERE INDICATED, IS TO BE LAMINATED SAFETY GLASS PERMANENTLY MARKED WITH GLASS CODE AND READY TO VISIBLE.

C5. WINDOW AREA TO BE MINIMUM 10% OF FLOOR AREA. OPENING SECTIONS OF WINDOWS AND DOORS TO BE MINIMUM 5% OF FLOOR AREA FOR VENTILATION. NOMINAL GLASS THICKNESS: 4mm - MAX SIZE OF PANE 1.5m²

C6. WATERPROOFING OF FLAT ROOFS TO BE UNDERTAKEN ACCORDING TO MANUFACTURER'S DETAILS AND SPECS.

C7. PITCHED ROOFS WITH STEEL OR TILED COVERING TO BE WATERPROOFED AGAINST PARAPET WALLS WITH 12mm GS FLASHING AND COUNTER FLASHING AND ALL JOINTS SEALED ACCORDING TO MANUFACTURER'S DETAILS AND SPECS.

SEWER AND STORM WATER:

P1. ALL PLUMBING WORK TO BE CARRIED OUT BY LICENSED PLUMBERS AND WORK TO COMPLY WITH SANS 10401.2.

P2. ALL DRAINAGE RUNS TO BE ACCESSIBLE ALONG THEIR ENTIRE LENGTH.

P3. ALL HOT AND COLD WATER RETICULATION, BULK SEWER AND STORM WATER COLLECTION TO BE ACCORDING TO ENGS DETAILS AND SPECS.

P4. WASTEWATER TO WASHBASINS AND SINKS TO BE 38mm Ø. TO SHOWERS AND BATHS 50mm Ø. TO URINALS 75mm Ø AND TO WC 100mm Ø.

P5. VENT PIPES TO EXTEND 2m ABOVE ANY WINDOW OR DOOR OPENING IN THE BUILDING OR ANY OTHER BUILDING WITHIN A DISTANCE OF 6m.

P6. IE TO ALL BENDS AND JUNCTIONS OF SOIL AND WASTE PIPES.

P7. RETO HEADS OF DRAINS AND AT A MAX 25m INTERVALS ALONG RUNS OF DRAINS.

P8. RESEAL TRAPS TO ALL WASTE FITTINGS.

P9. G.COVERS AT GROUND LEVEL, FITTED IE AND RE MANHOLES.

P10. WATER PIPE CONNECTIONS TO FIRE HOSE REELS TO BE MIN. 27mm Ø G.S PIPE.

P11. WATER PIPE CONNECTIONS TO SANITARY FITTINGS TO BE MIN. 15mm Ø.

P12. WATER PIPE CONNECTIONS TO FLUSH VALVES TO BE MIN. 27mm Ø G.S PIPE.

P13. GEYSERS INSTALLED ACCORDING TO MANUFACTURER'S SPECS, WITH A GRIP TRAY AND TO SABS 504 REGULATION.

P14. MIN. FALL OF 100m LONG DRAINS TO BE 1:60, WITH A MIN. COVER OF 300mm. FALLS EXCEEDING 1:10 TO BE PROVIDED WITH BACK DROPS.

P15. SOIL DRAINS UNDER GROUND GLASS TO BE FITTED IN PC CHAMBER FILLED WITH CRUSHED STONE AND PC COVER WITHOUT CHANGES IN DIRECTION. NO SEWER IS TO BE CAST IN FOUNDATION FOOTING.

P16. WASTE PIPES CONNECTED TO WC SEWER PIPE TO BE VENTED WITH 50mm Ø PIPE.

P17. ALL BRANCH DRAINS EXCEEDING 6m IN LENGTH TO BE VENTED.

P18. UPVC SEWER PIPES TO SABS 791 CLASS 34 STANDARDS AND LAID IN ACCORDANCE WITH THE MANUFACTURER'S DETAILS AND SPECS.

P19. HOT AND COLD WATER PIPES FOR INTERNAL RETICULATION TO BE CLASS 1 COPPER TUBING AND INSULATED ACCORDING TO SANS 204.

FIRE PROTECTION:

F1. ALL WORK TO COMPLY WITH SABS 9405:1999, OCCUPANCY CLASSIFICATION E2.

F2. INSTALLATION OF FIRE EQUIPMENT TO BE ACCORDING TO SABS 0105 FOR EXTINGUISHERS, SABS 543 FOR FIRE HOSE REELS AND SABS 1128 PART 1 FOR HYDRANTS.

F3. STRUCTURAL ELEMENTS AND COMPONENTS TO COMPLY WITH REQUIREMENTS AS SPECIFIED IN THE NATIONAL FIRE REPORT AND SANS 10407.4.7.

F4. CEILING CABS TO BE DIVIDED BY FIRE WALLS IN AREAS LESS THAN 200m².

F5. PORTABLE FIRE EXTINGUISHERS TO BE HUNG ON PURPOSE MADE BOARDS AND FIXED IN SECURE POSITIONS AS INDICATED ON THE PLAN AT A HEIGHT NOT EXCEEDING 750mm.

F6. FIRE HYDRANTS TO INCLUDE 75mm Ø PULLER WITH DOUBLE HEADED BOOSTER CONNECTION, PRESSURE GAUGE AND NON-RETURN VALVE TO ENG. SPECS.

F7. SMOKE CONTROL AND DETECTION INSTALLED ACCORDING TO ENGS DETAIL AND SPEC. AND NATIONAL FIRE DESIGN REPORT.

F8. EMERGENCY LIGHTING TO BE INSTALLED ACCORDING TO THE ENGS SPECS.

F9. SYMBOLIC SAFETY SIGNS TO BE IN ACCORDANCE WITH SABS CODE 1188 AND POSITIONED AS REQUIRED BY THE FIRE DEPARTMENT.

F10. FIRE DOORS TO BE FITTED WITH EMERGENCY EXIT LOCKSETS.

F11. CLASS B FIRE DOORS TO COMPLY WITH SABS CODE 1263 AND TO BE FITTED WITH APPROVED SELF-CLOSING OR AUTOMATIC CLOSING DEVICES.

MOVEMENT JOINTS

E1. ALL MOVEMENT JOINTS ACCORDING TO ENGS DETAIL AND SPEC.

E2. NO STRUCTURAL FLOOR OR WALL FINISH TO BE TAKEN OVER EXPANSION JOINTS.

TIMBER

W1. TIMBER WALL PLATES TO BE TANGLED.

W2. STRUCTURAL TIMBER TO BE IN ACCORDANCE WITH SABS 1245 AND MARKED WITH STRESS GRADE LAMINATED TIMBER TO COMPLY WITH SABS 1440.

W3. THE CONTRACTOR TO PROTECT ALL TIMBER MATERIALS AGAINST WEATHER.

W4. TRUSS HOLD-DOWN, CONNECTIONS, HANGERS AND CLEATS TO BE IN ACCORDANCE WITH ENGS DETAILS AND SPECS.

W5. THE CONTRACTOR TO CHECK CORRECT FIXING OF ALL SPECIFIED BRACING.

W6. ALL TRUSSES AND TIMBER LOAD BEARING STRUCTURES TO BE IN ACCORDANCE TO ENGS DETAIL & SPECS, INCLUDING TRUSS HOLD-DOWN, CONNECTIONS, HANGERS AND CLEATS.

FOR CONSTRUCTION

REV DATE DESCRIPTION

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CLIENT

NORTH WEST PROVINCIAL GOVERNMENT
DEPARTMENT OF HEALTH

PROJECT

MATHIBESTAD CHC
SCOPE OF COMPLETION MATHIBESTAD CHC
NWDoh/PS/08/26
MAIN ROAD MORETELE,
MATHIBESTAD,
0400.

UNIT

SITE LAYOUT
UNIT 00

WORKING DRAWINGS

SITE DEVELOPMENT PLAN

SCALE: 1:500 / 500

DATE: 02-02-2026

DRAWN: *

PROJ NO: 2025 / 65

REV: *

DATE: *

DRAWING NO: S100