

NOTE: THE SIZING OF ALL STRUCTURAL COMPONENTS, DEPTH OF EXCAVATIONS, COMPACTION ETC IS ALL TO THE STRUCTURAL ENGINEERS SPECIFICATION. FINAL DESIGNS AND SPECIFICATIONS WILL ONLY BE POSSIBLE AFTER THE COMPLETION OF A GEOTECHNICAL SURVEY AND REPORT ON THE AFFECTED AREAS. ALL SIZING OF STRUCTURAL ELEMENTS SHOULD BE CONSIDERED AS PROVISIONAL UNTIL CONFIRMED BY THE STRUCTURAL ENGINEER.

NOTES:
BASED ON THE NATIONAL BUILDING REGULATIONS AND SABS Code of Practice 0400.

ALL BUILDING WORK TO COMPLY WITH CURRENT NATIONL BUILDING REGULATIONS.

PART B: STRUCTURAL NOTES

The design of the STRUCTURAL ELEMENTS AND COMPONENTS will be carried out by a PROFESSIONAL ENGINEER who has certified that the design complies with the requirements of The National Building Regulations.

PART C: ROOM DIMENSIONS

HABITABLE ROOMS will have a floor area of not less than 6sqm, a minimum horizontal dimension of not less than 2m and a minimum height of 2.4m.

PART D: PUBLIC SAFETY

The edge of any CHANGE OF LEVEL more than 1m above any adjacent level is provided with a BALUSTRADE or PARAPET WALL not less than 1m high and such balustrade will not have any openings larger than 100mm.

PART F: SITE OPERATIONS

All site operations, including protection of the public, will be executed in strict accordance with Part F of The National Building Regulations under the supervision of the ARCHITECT and the ENGINEER.

SOIL POISONING: The ground area prescribed in code of practice SABS 0124 shall be treated in accordance with the recommendations of SABS 0124.

PART G: EXCAVATIONS, PART H: FOUNDATIONS, PART J: FLOORS, PART K: WALLS

Parts G, H, J and K will be designed by a PROFESSIONAL ENGINEER and will be executed in strict accordance with the National Building Regulations and SABS 0400.

Approved DAMP-PROOF COURSING (as SABS 248.952 or 298) extending the full thickness of walls to be installed at all WALLS at the level at the TOP of the SURFACE BED at least 150mm above the adjoining ground and at all WINDOW SILLS

An approved VERTICAL WATERPROOF MEMBRANE to be fitted where a WALL of a room is in contact with the ground.

Roofs to be ANCHORED to walls in compliance with clause KK13 of The National Building Regulations.

PART L: ROOFS

See sections and roof plans for notes and details.

PART M: STAIRWAYS

Stairways will comply with the REGULATIONS and the DEEMED TO SATISFY RULES of Part M of the National Building Regulations and SABS Code of Practice 0400.

PART N: GLAZING

Glazing will comply with the REGULATIONS and the DEEMED TO SATISFY RULES of Part N of the National Building Regulations and SABS Code of Practice 0400.

PART O: LIGHTING AND VENTILATION

HABITABLE ROOMS to be provided with WINDOWS.

The total area of any such window is to be not less than 10% of the floor area served by it for NATURAL LIGHT; and such window will be provided with opening sections for NATURAL VENTILATION the total area of which will not be less than 5% of the floor area of the room, or 0.2sqm, whichever is the greater.

PART P: DRAINAGE

SINGLE STACK and 2 PIPE SYSTEMS as shown complying with Part P of the National Regulations and comprising the following:-
100Ø DISCHARGE STACKS, SOIL DISCHARGE PIPES, DRAINS and STACK VENTS of approved material.
50 dia SOIL DISCHARGE PIES to urinals.
40 dia WASTE DISCHARGE PIPES to wash hand basins's, showers, baths, sinks discharging to single stacks.
GULLY to comply with P29.
All waste fittings to have RESEALING TRAPS and water seals not less than 65mm.

ACCESS to the drainage installation to be provided by adequately marked and protected and permanently accessible RODDING EYES at all changes of direction, within 1.5m of the drain connection to the sewer, at the highest point of the drain and at 25m intervals along the line of the drain.
INSPECTION EYES at all bends and junctions.

PART R: STORMWATER DISPOSAL

A complete STORMWATER CONTROL and DISPOSAL SYSTEM based on a rational design will be reticulated on site.

PART T: FIRE PROTECTION

FIRE PROTECTION PLANS shall be prepared if required.

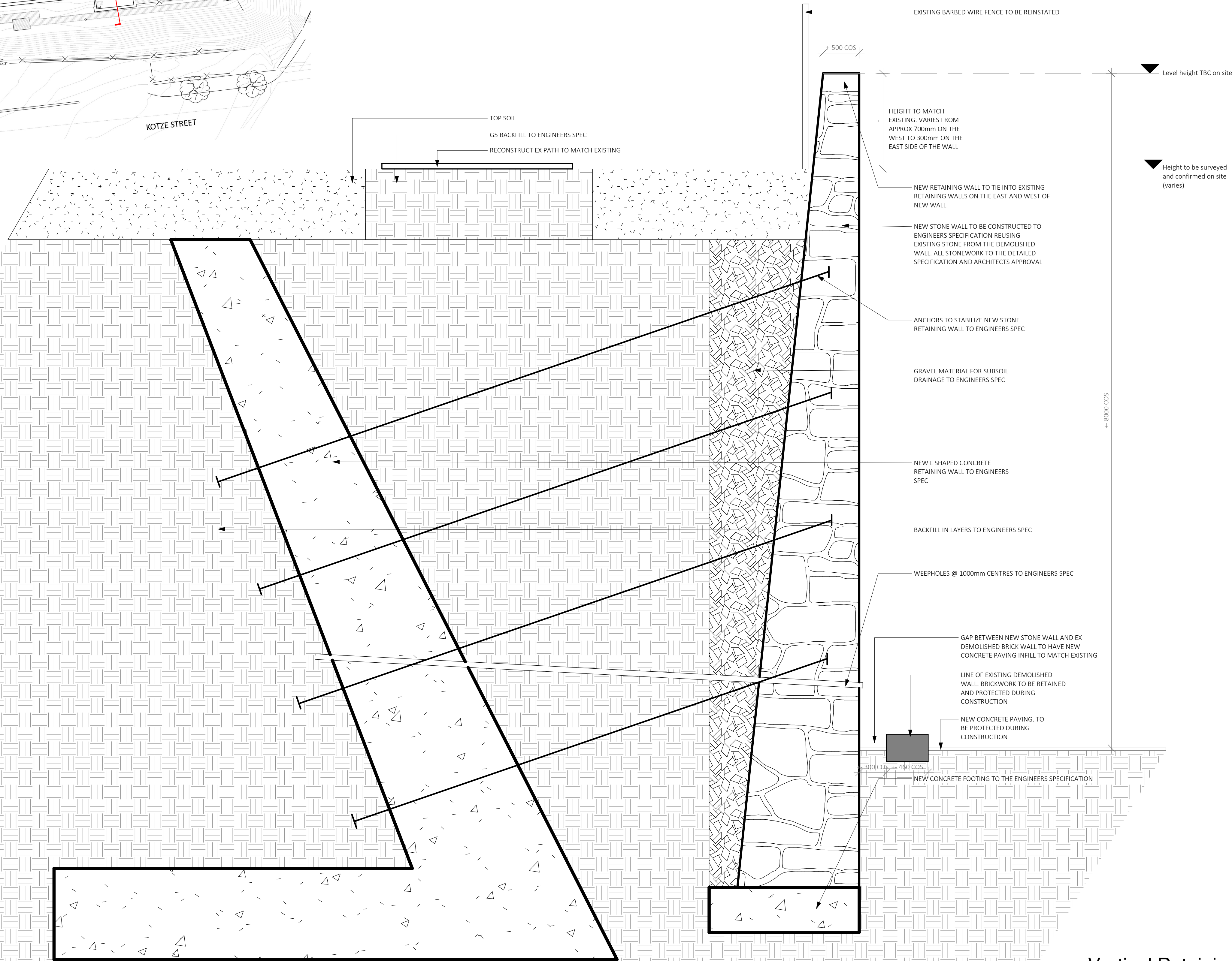
PART U: REFUSE DISPOSAL

Storage area for REFUSE CONTAINERS is provided in accordance with the requirements of the Local Authority.

PART W: FIRE INSTALLATION

Will be provided in accordance with the requirements of the Local Authority.

All dimensions to be checked on site before any work is put in hand
Refer any discrepancies to the architect
Drawings remain the copyright of Mayat Hart Architects



Vertical Retaining Wall
Detail Section
1 : 25