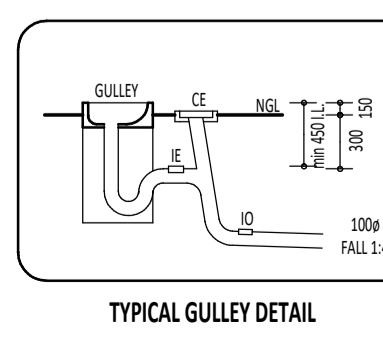


Section A-A
Scale 1:100

GENERAL NOTES
All design, construction and building work must be done in accordance with the applicable provisions contained in the National Building Regulations and Standards Act, 1977 (Act 103 of 1977) and applicable Municipal By-laws. The quality of all materials and workmanship must comply with the applicable specifications stipulated by the South African Bureau of Standards (SABS). Where applicable, all structural work must be designed by a qualified engineer, while all electrical planning work must be executed by registered electricians and plumbers. All piping of which the span exceeds 2400mm must be supported by a precast lintel or by reinforced concrete according to engineering specifications. All finishing must be done according to the contract and to the satisfaction of the owner. The contractor must complete all levels, heights and dimensions on the site with the working drawings and must verify them before work commences. Vigilance must be taken that where any conflicts exist between the working drawings and the specifications contained in the contract, the contract will apply. The contractor is responsible for obtaining the correct structure on the site. Under no circumstances may the working drawings be altered and only alterations indicated may be used. If a dimension is lacking or obscure, these must be cleared with the architect or draftsman. The working drawings remain the property of the architect or draftsman and the project has been finalized and an occupation certificate has been issued, after which the drawings are to be returned to the architect or draftsman. The architect or draftsman is not responsible for any delay in the approval of the plans due to such an event, or as a result of any administrative problem not under his or her control. Unless expressly otherwise agreed, the client shall be responsible for the submission of the building plans.

GLASS
WINDOWS, LIGHTING, VENTILATION AND GLAZING (Part N and O of SANS 10400 and the National Building Regulations) All glazing must comply with SANS specification 10400. Glazing openings of windows for the purpose of natural light in habitable rooms shall not be less than 10% or 0.2 square meter, whichever is the greater of the floor surface area of the room they serve. The total surface area of an opening, door or glazed opening window which is provided for natural ventilation, must be not less than 5% or 0.2 square meter, whichever is the greater of the floor surface area of the room it serves. SAFETY GLASS: 6mm thick laminated glass must be fitted in all glass doors and glass sliding doors and must be marked for visibility. Panes less than 300mm off the finished floor surface that are not guarded by a barrier must be of 6mm thick safety glass. All windows on the first and subsequent floors must be fitted with 6mm thick safety glass and burglar bars. If employed in that manner, glass opening in stair railings and balustrades must be of 6mm thick safety glass. Glass used in both screens and shower enclosures must be of 6mm thick safety glass. Both end toilet windows must be fitted with rigid, angled or obscured glass. NOMINAL THICKNESS OF GLASS: The nominal thickness of ordinary clear float glass in proportion to the surface of the glass pane concerned must be as follows: 6-25 square meters: 6mm thick; 25-50 square meters: 6mm thick; greater than 50 square meters: 6mm thick

DRAINAGE
PLUMBING (Part P of SANS 10400 and the National Building Regulations) An inspection eye (IE) must be inserted at all bends, connections and gradient changes, in site drains, whilst a cleaning / rodding eye (or 'ro') must be inserted at the start and highest point, at all direction changes of more than 45 degrees, within 1500mm from the connection of a branch drain, sewer tank or septic tank, and not less than every 25 meters, where applicable. Every cleaning eye must be provided with a permanent access which is covered at normal or finished ground level with an adequate and suitable marked removable device. Not less than one gully (IG) must be provided in the open air for every site drain at its lowest point. A fresh water tap which maintains the sewer's water level must be provided over the gully. All hand wash basins (HAB), bathtubs, showers (SH), sinks (SI) and washtroughs (WT) must be provided with suitable traps and water seals. Shower traps must be of brass. Anti-vib traps must be provided on all sanitary fixtures on the second and subsequent levels of buildings. Sewer and soil pipes (SP), unless otherwise indicated on the working drawings, must be laid in a straight line between any point where a change of direction or slope occurs, and must be laid at a nominal slope of not less than 1:50. Sewer pipes must be covered by not less than 300mm thick soil, while foundations of buildings that cross a sewer line which runs under the building, must be steel reinforced. Sewer lines running under buildings must be encased in 100mm concrete and may not change direction or slope under the building. Site and branch sewer pipes must be laid not less than 100mm from any structural member of a building, and where the distance is less than 500mm, it must be laid at foundation level or be encased in 100mm thick concrete. All wastepipes (WP) must be of a diameter of 50mm. Every site sewer must be provided with at least one gully at its lowest point of which the overflow height must not be less than 150mm above the surrounding finished ground level and not less than 50mm above any permanent paving surrounding it. HOT WATER SYSTEMS must comply with SANS 10254.



NR.	NO.	DATE	DESCRIPTION
A	2020/06/13	FIRST ISSUE FOR APPROVAL	
WYSIGINGS		REVISIONS	

J DESIGNS
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PROJECT	PROPOSED NEW DEVELOPMENT FOR BIG 5 FUEL ON PORTION 41 KLUPEILAND	ARCHITECT	ENGINEER	CLIENT
SCALE	AS SHOWN	TEKENING NR	101	DRAWING NO
DATUM	2021/03/10	PROJECT ARCHITECT	JAN MINNE	PROJEK NR / PROJECT NO
			082 7838 127	21/1440