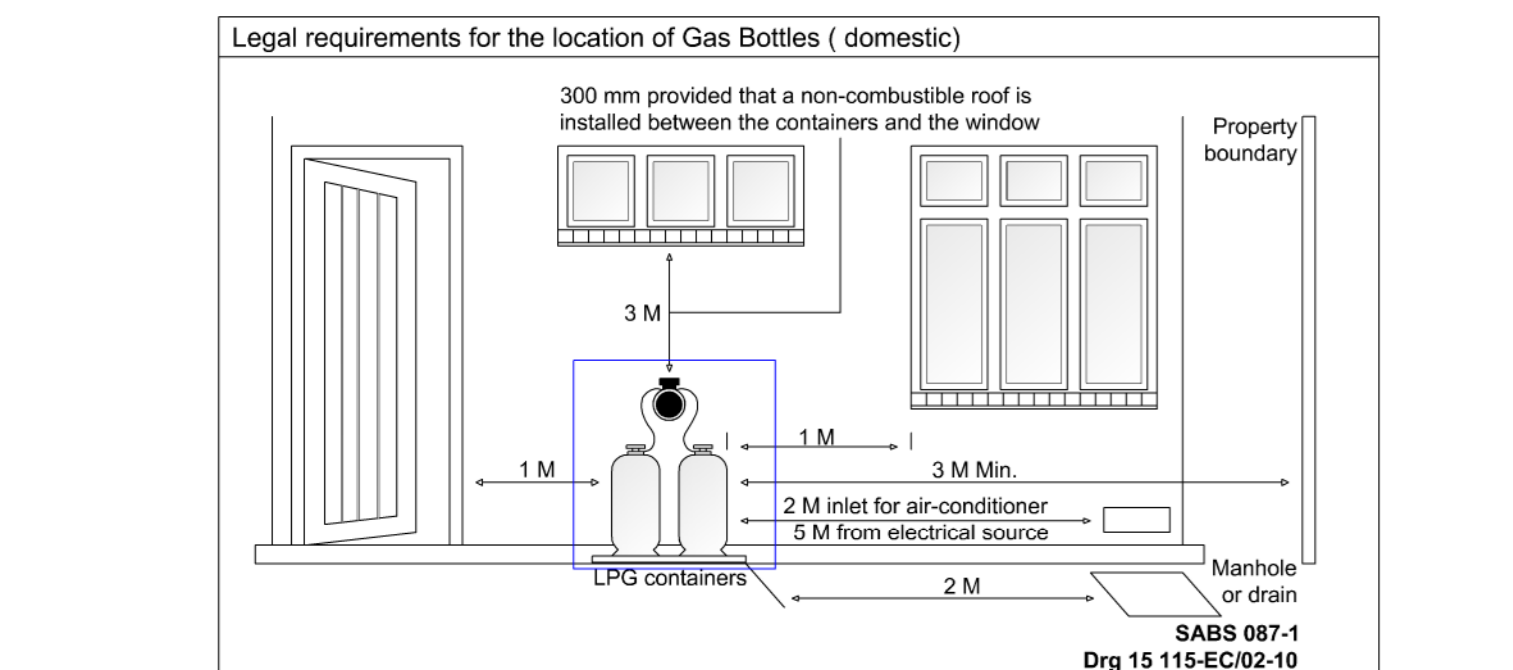
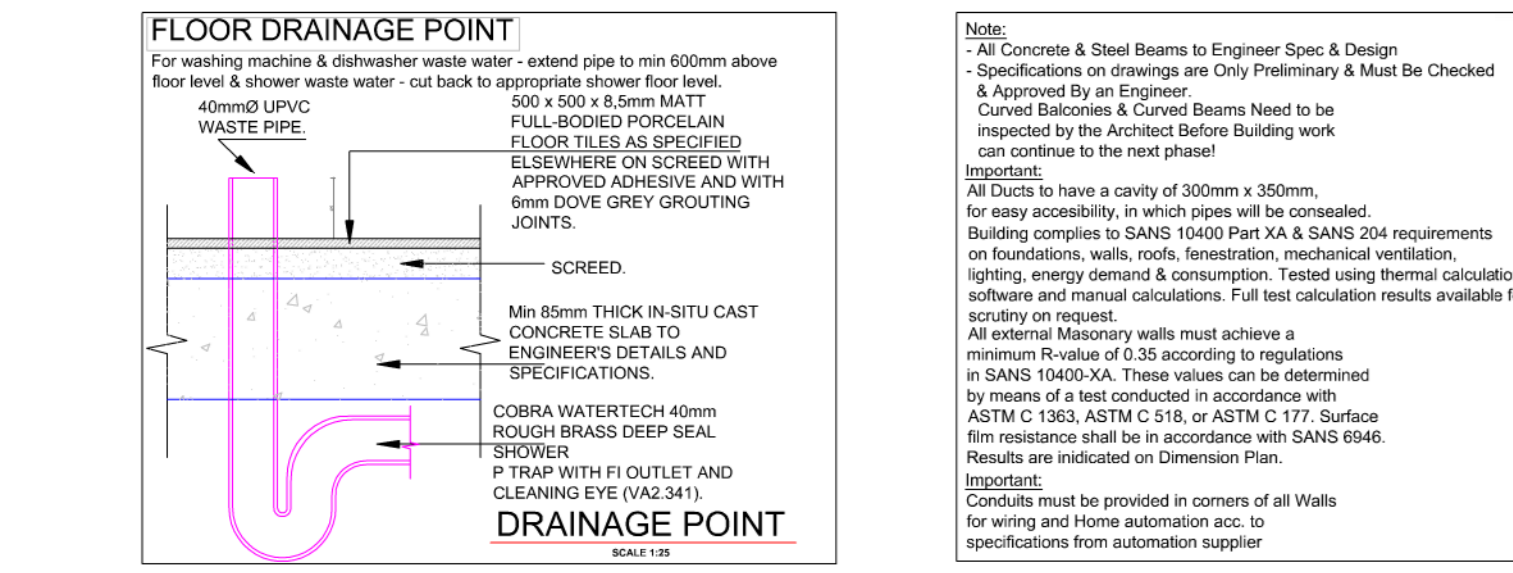


Site Plan SCALE 1:100

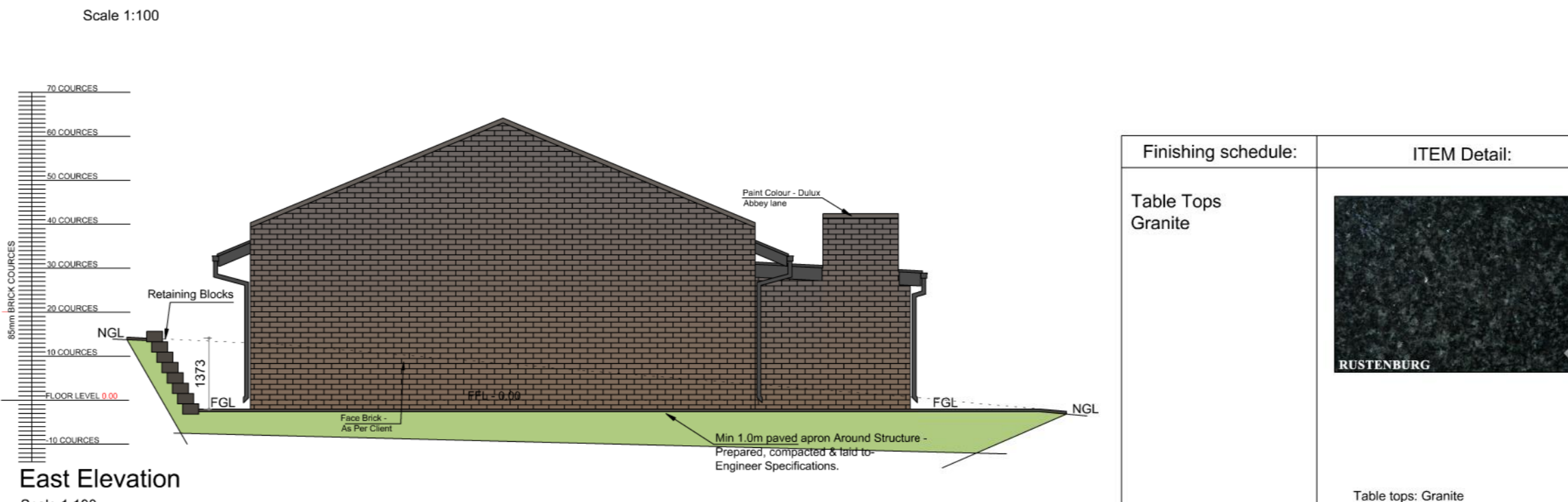
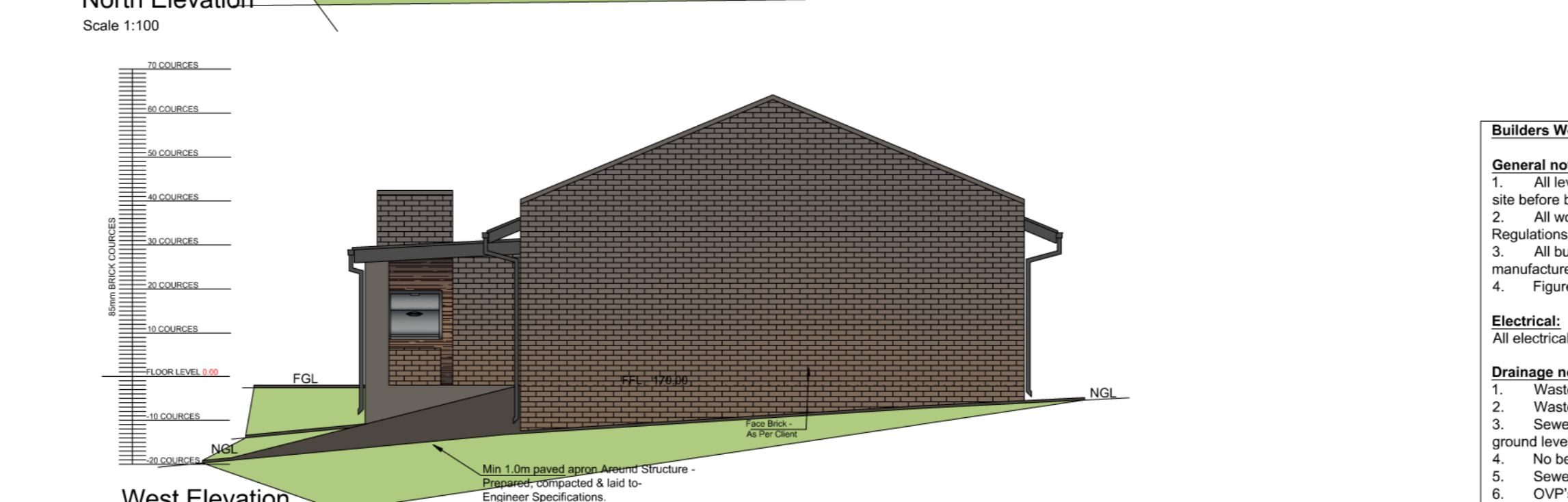
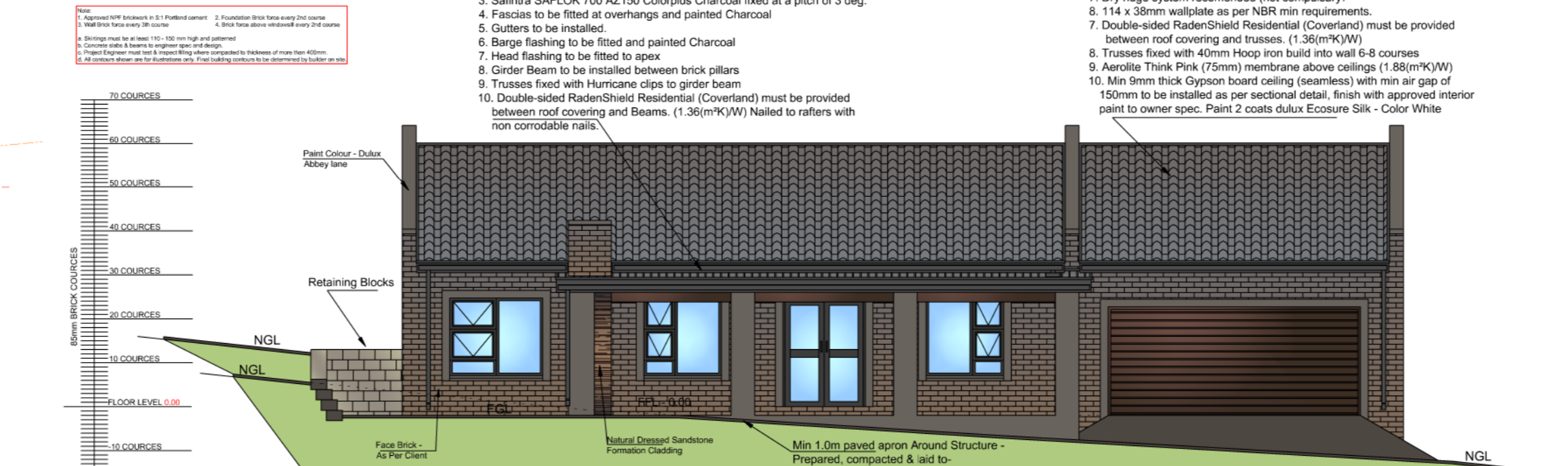
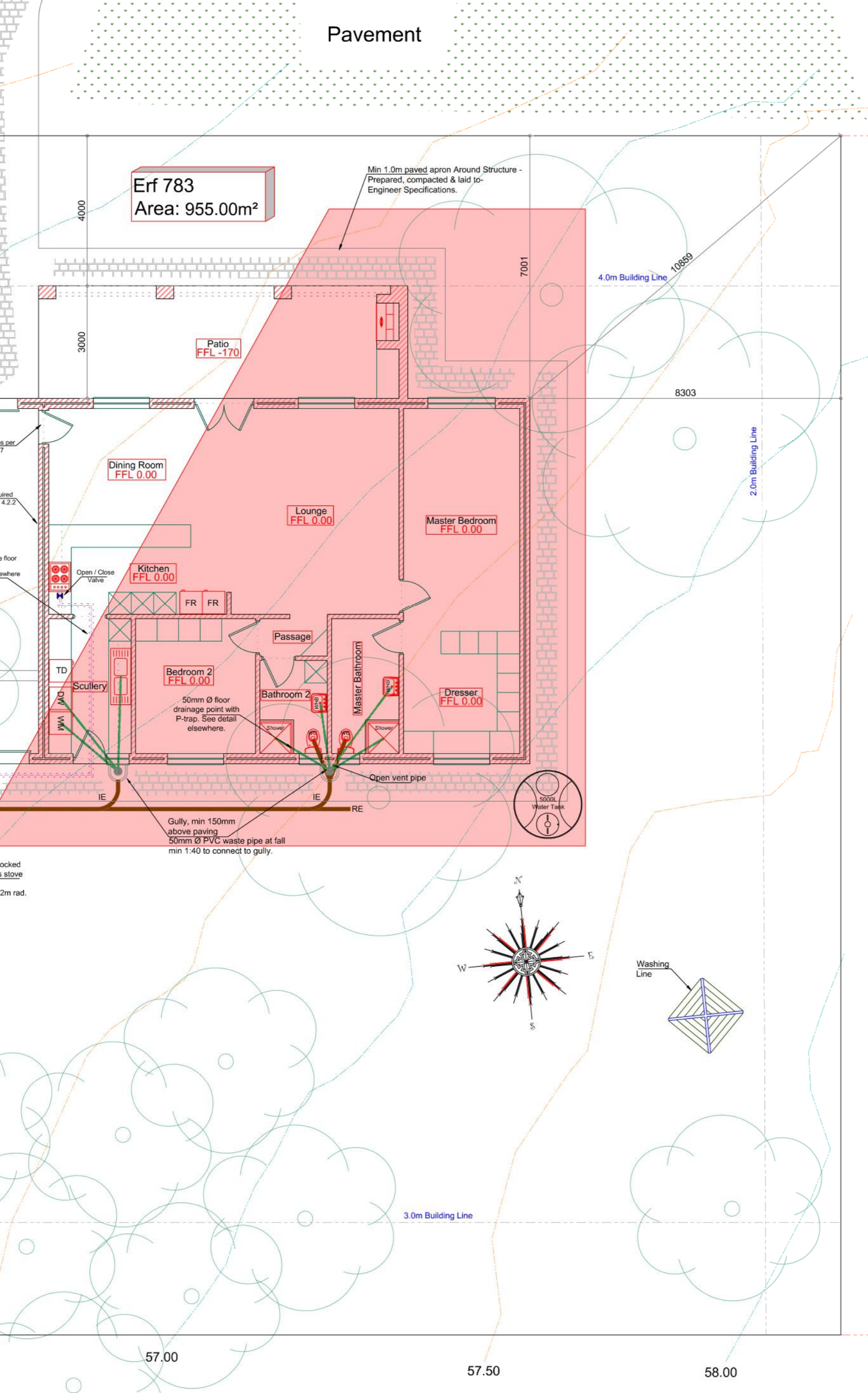
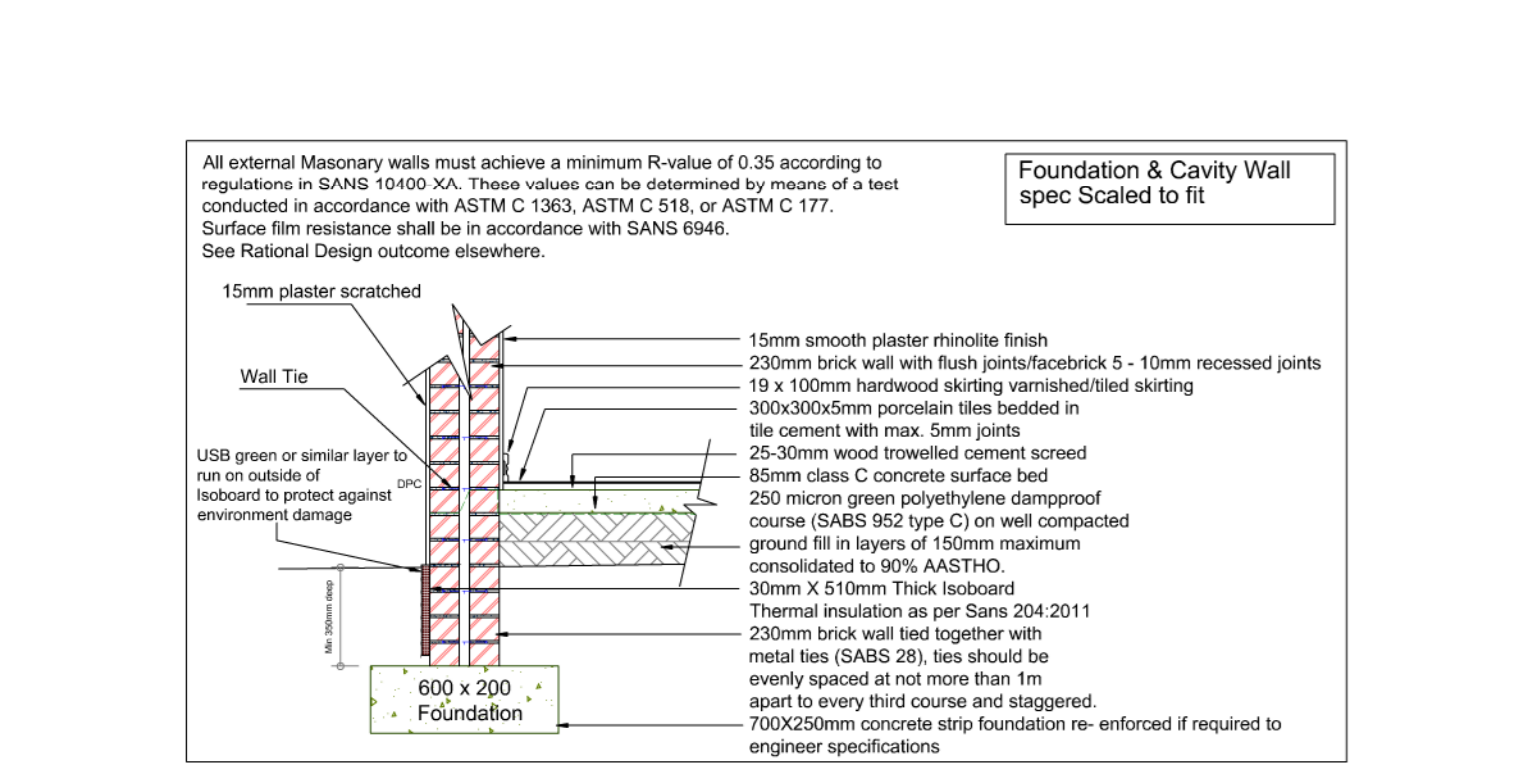
SEWER NOTES:

SEWERAGE LAY-OUT:
GENERAL:
CLEANING EYE, GLAZED EARTHEN WARE PIPE WITH CAST IRON COVER ENCASED IN 150mm CONCRETE SURROUND.
INSPECTION EYE, STANDARD PIPE WITH GLAZED EARTHEN WARE COVER, SEALED WITH BITUMEN.
WASTE PIPES: SABS APPROVED GALVANISED MILD STEEL WITH 45 AS INDICATED.
SOIL VENT VALVE, VACUUM RELIEF FUNCTION, NOMINAL SIZE: 100mm, IN COMPLIANCE WITH SABS CODE: 1935-1991.
NOTE: ALL WORK TO BE DONE IN ACCORDANCE WITH LOCAL AUTHORITY'S SPECIFICATIONS.
REFILLING TRENCHES: REFILL WITH CLEAN DRY SOIL & RAM DOWN THOROUGHLY, LEVEL WITH EXISTING LEVEL.
CONCRETE TILE IF COVER: 400x400mm LOOSE CONCRETE 100mm OVER EXISTING BENEATH CONCRETE APPROX. TILES MUST BE MARKED DISTINCTLY & MUST BE REMOVED FOR INSPECTION PURPOSES.
CONCRETE CANNALS: ALL VITRIFIED CLAY PIPES UNDER WELLS, FOUNDATIONS & PAVING MUST BE ENCASED IN 150mm - 200mm 6:1 CONCRETE.
COURTAINS: VITRIFIED CLAY PIPES: SABS APPROVED VITRIFIED HEAVY POLYPROPYLENE COUPLINGS.
DRAINAGE TEST: A FINAL DRAINAGE TEST WILL BE EXECUTED TO THE APPROVAL OF THE OWNER & ARCH PROFESSIONAL.
All drainage pipes closer than 1000mm from building or strip foundations to be encased in 150mm - 200mm concrete. All waste fittings fitted with reset traps.
No bends or junctions under building.
All h/w, s/w, s/w, s/w, to be fitted with S P Traps.
110mm dia. U.P.V.C. SEWER PIPE
150mm dia. U.P.V.C. WASTE WATER PIPE
ADDITIONAL NOTES:
1. All sewer pits to be sealed as per manufacturer's specifications.
2. Sewer to be tested and certified by a registered plumber.
3. All sewer and waste pipes to be laid to a min 1:60 gradient and to be laid in min 450mm below ground level at any point.
Note:
1. INSTALL MAIN SERVICES IN 750MM DEEP TRENCHES FOR DISTANCES AS INDICATED. TRENCH BASE TO BE WELL COMPACTED, INSTALL 50MM THICK BED OF SAND, BACK FILL TRENCH WITH COMPACTED LAYERS NOT EXCEEDING 150MM INTERVALS ALONG LENGTH OF SLEEVE.
2. TELCO: INSTALL 20MM DIA. U.P.V.C. SLEEVE INCLUDING DRAW WIRE FOR USE BY TELCO. INSTALL CAST IRON DRUM BOXES AT EACH END OF SLEEVE AND AT MAX. 100M INTERVALS ALONG LENGTH OF SLEEVE.
3. WATER: INSTALL 20MM DIA. U.P.V.C. SLEEVE INCLUDING DRAW WIRE FOR USE BY TELCO. INSTALL CAST IRON DRUM BOXES AT EACH END OF SLEEVE AND AT MAX. 100M INTERVALS ALONG LENGTH OF SLEEVE.
4. WATER: INSTALL 20MM DIA. U.P.V.C. SLEEVE INCLUDING DRAW WIRE FOR USE BY TELCO. INSTALL CAST IRON DRUM BOXES AT EACH END OF SLEEVE AND AT MAX. 100M INTERVALS ALONG LENGTH OF SLEEVE.
5. ELECTRICAL: INSTALL 20MM DIA. CORE CABLE INSTALLED WITH 2 PAIRS OF PARALLELS, 20MM WIRE EACH FOR LIVE & NEUTRAL CONNECTIONS. INSTALL SEPARATE 20MM EARTH WIRE.
6. WATER: INSTALL 20MM DIA. CLASS 10 H.D.P.E. WATER SUPPLY PIPE. INSTALL ISOLATOR VALVE IN CASE MAIN TO HOUSE. INSTALL PRESSURE RELIEF AT EACH MAIN CONNECTION TO HOUSE.
GENERAL: BOUNDARY WALL MUST BE COMPLETED FIRST, BEFORE STARTING CONSTRUCTION ON MAIN BUILDING.
Please Note:
All Ducts to have a cavity of 250mm x 300mm, for easy accessibility, in which pipes will be concealed.
All trenches, and building works must be done in such a manner so that there will be minimum damage to current vegetation.

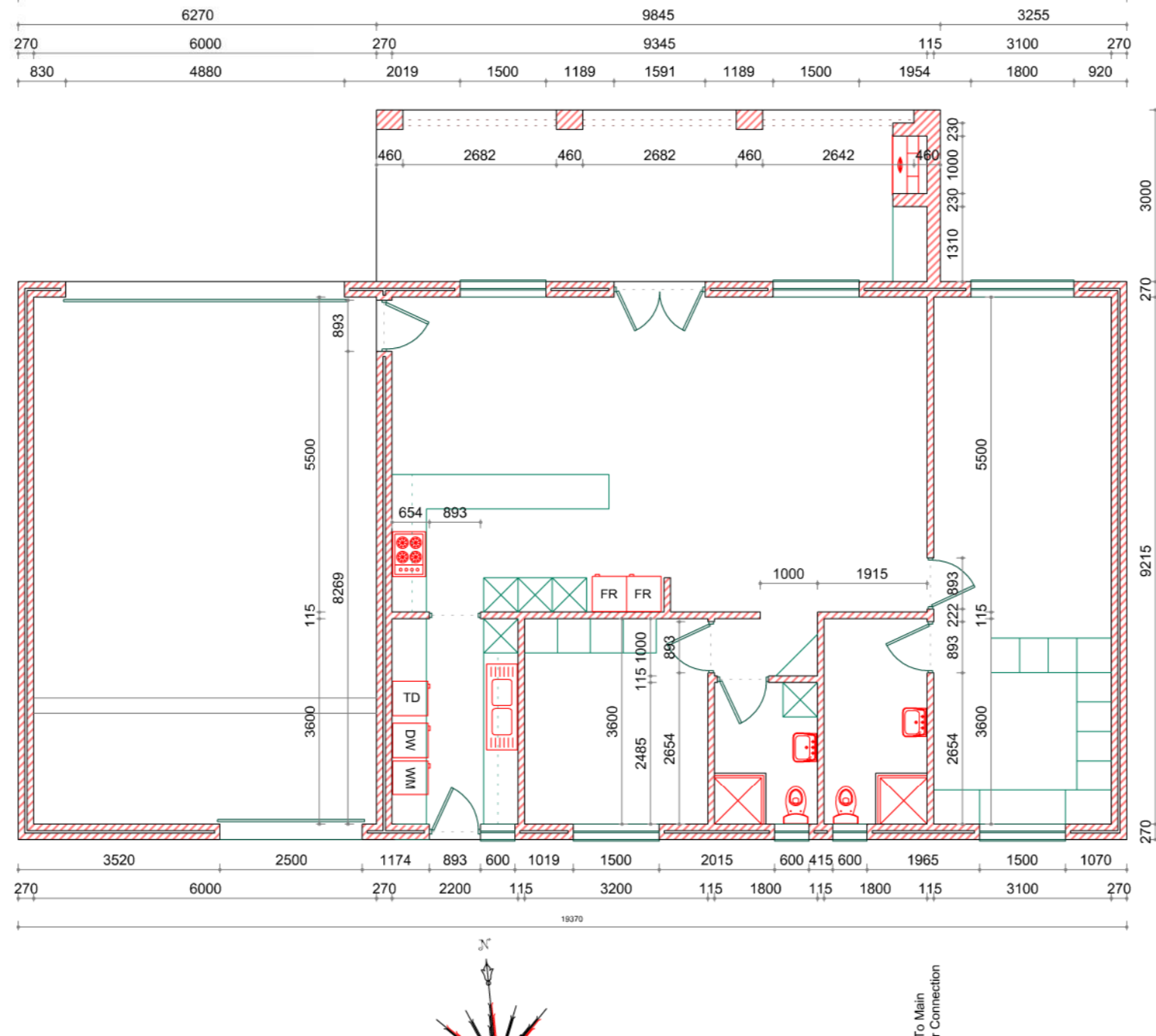


External Pastework	Conductivity (W/m.K)	Thickness (mm)	Result (m ² K/W)
Brick work	0.7	0.230	0.309
Internal Pastework	0.6	0.020	0.033
Totals Values Achieved	1.9	0.280	0.399

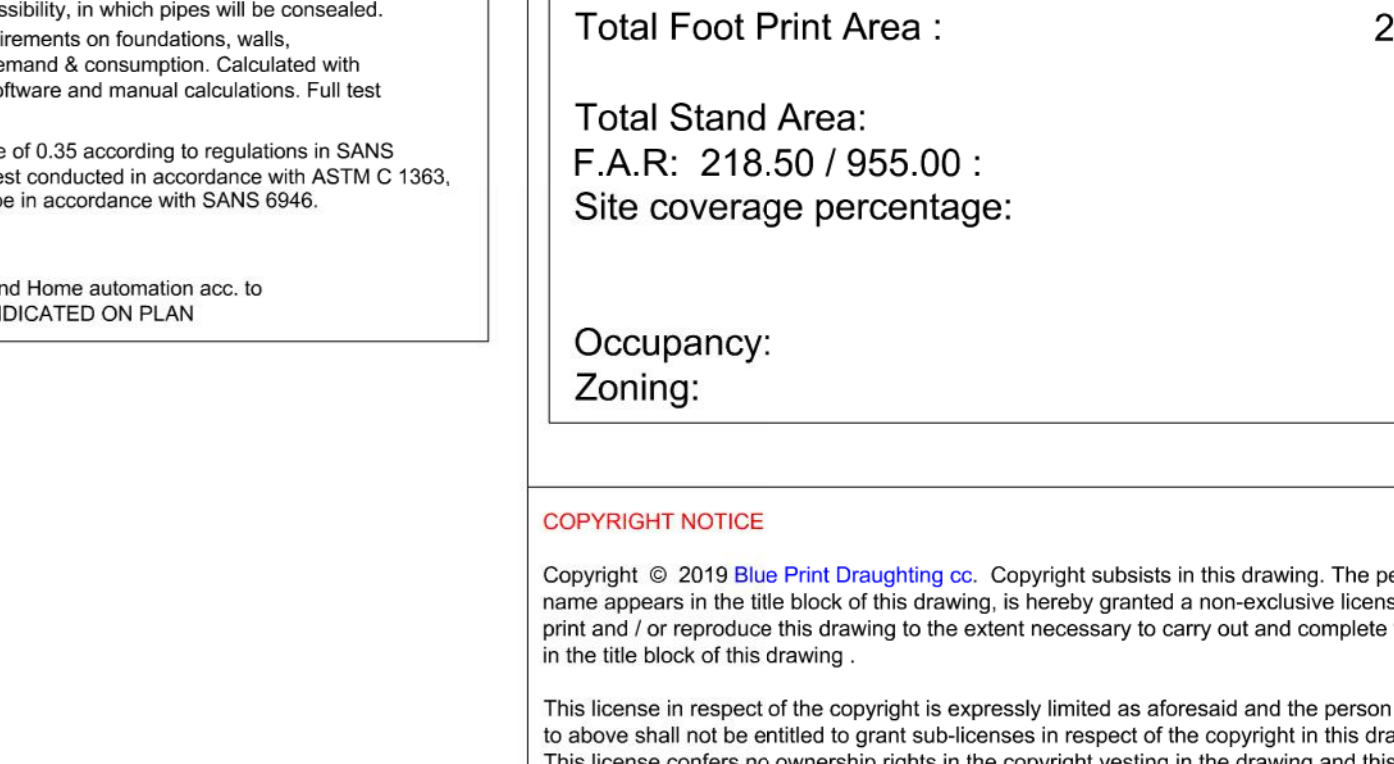
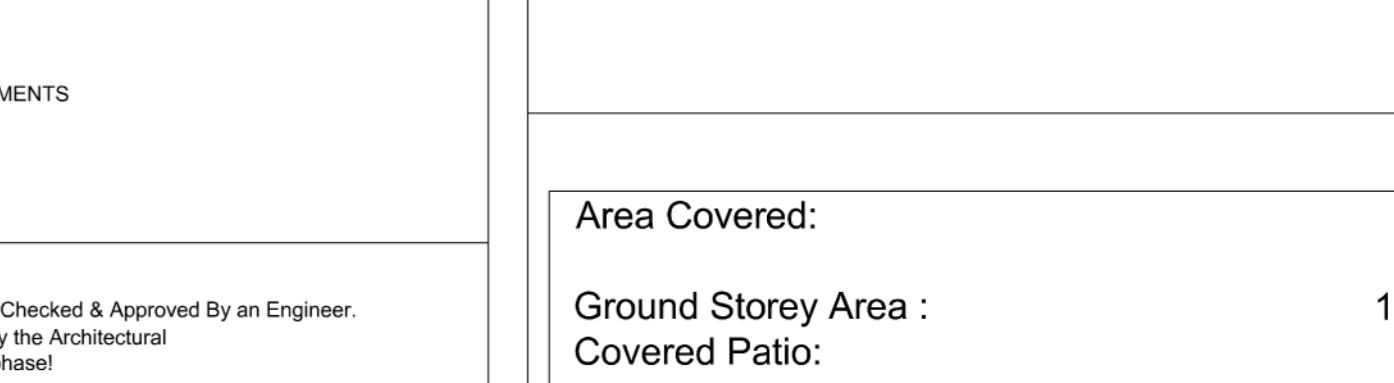
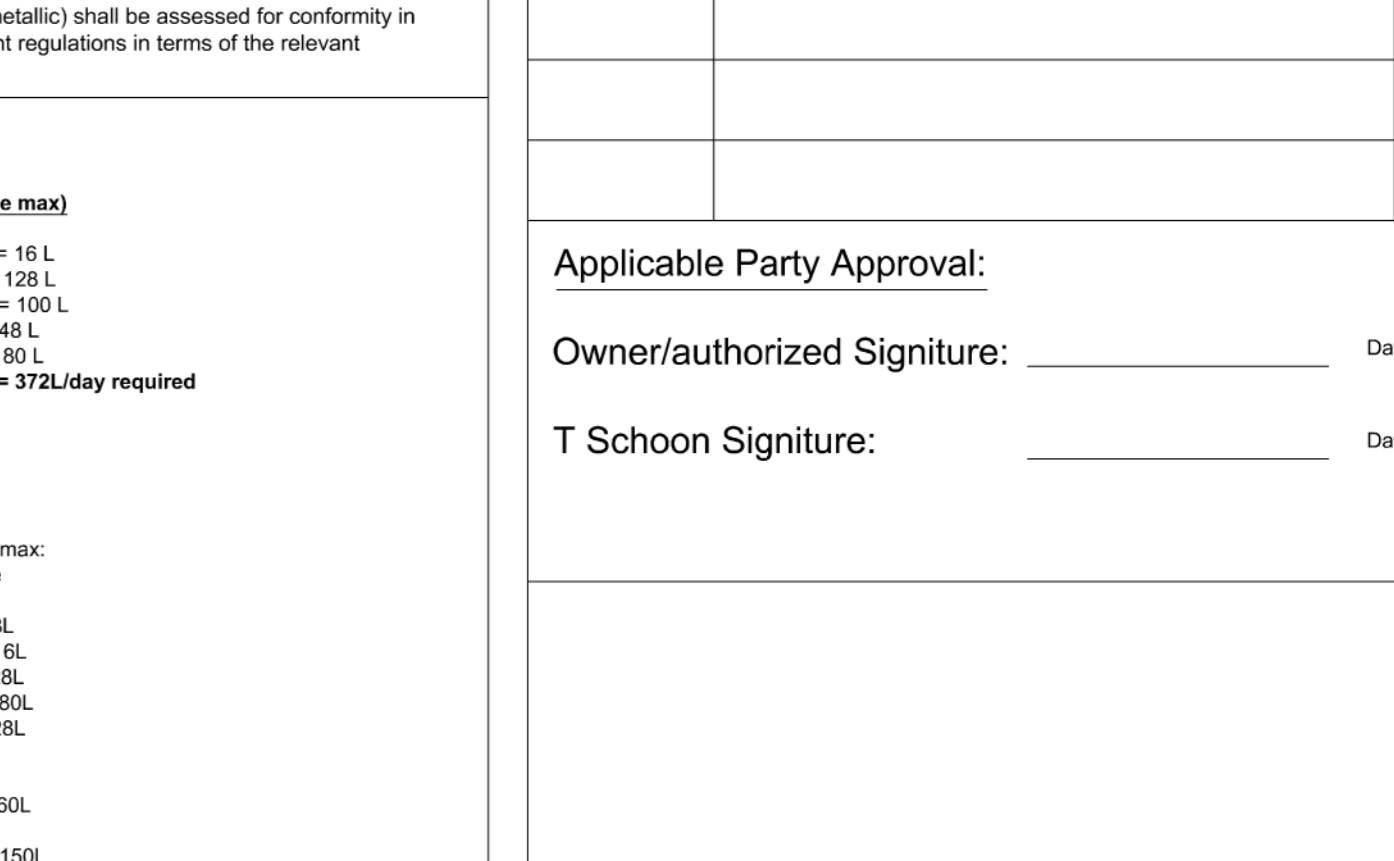
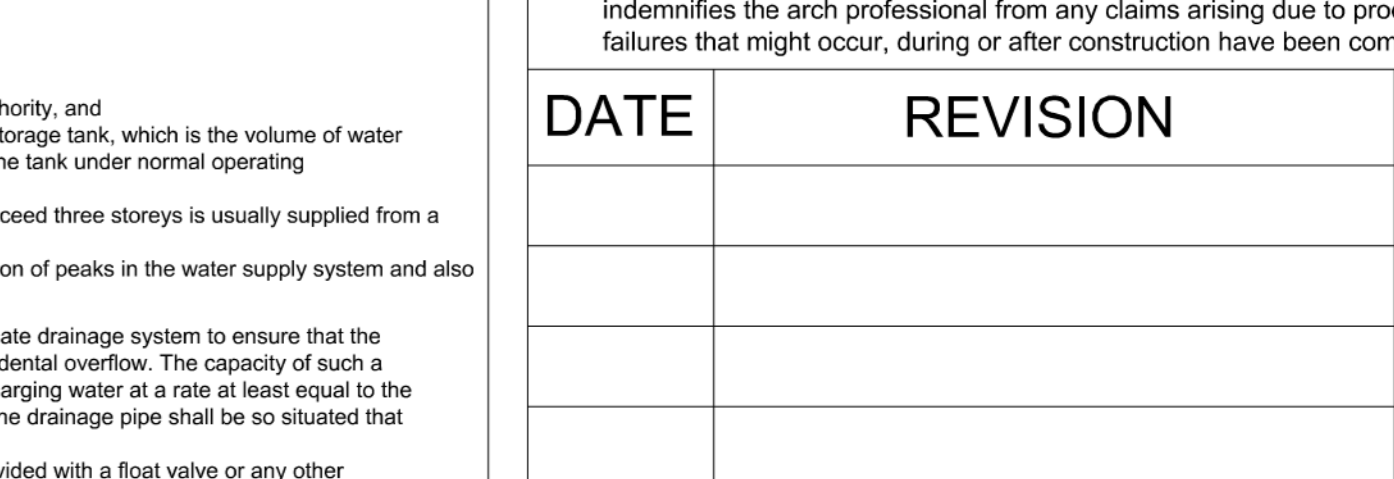
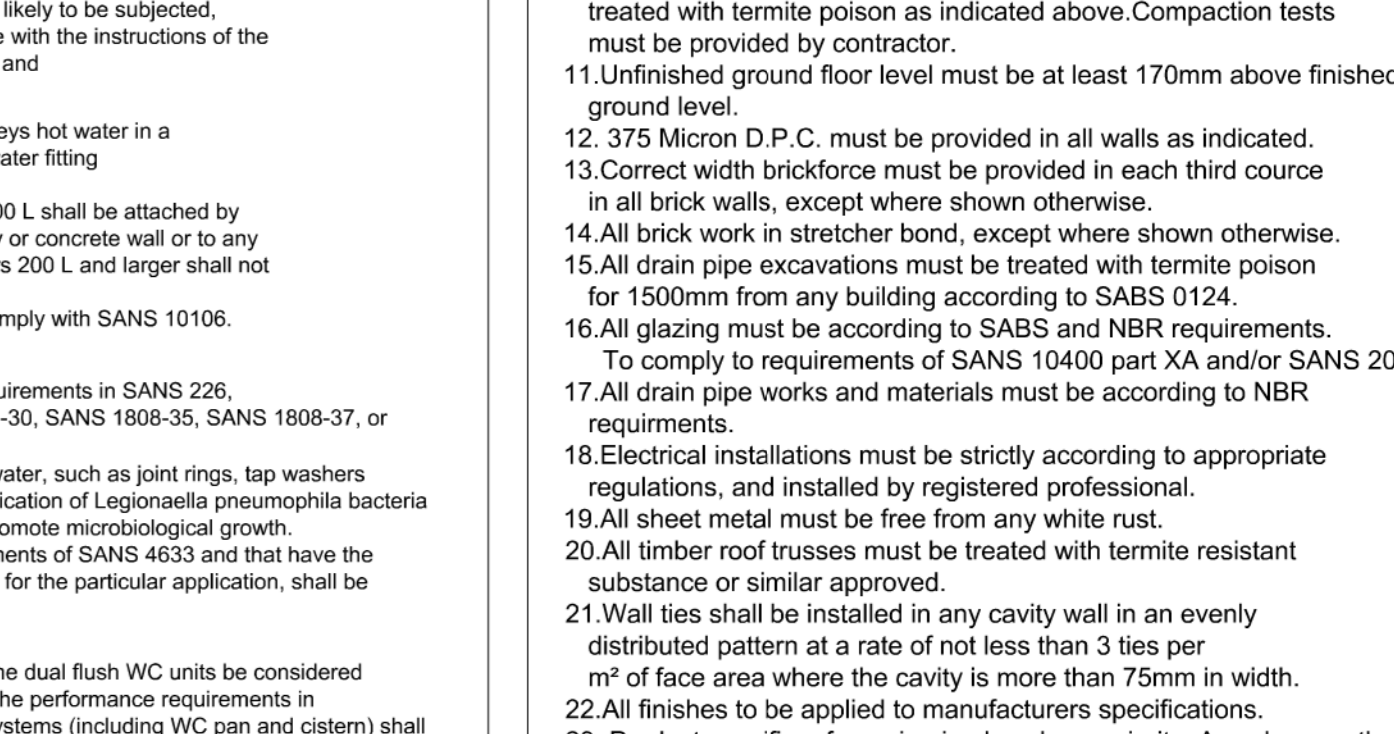
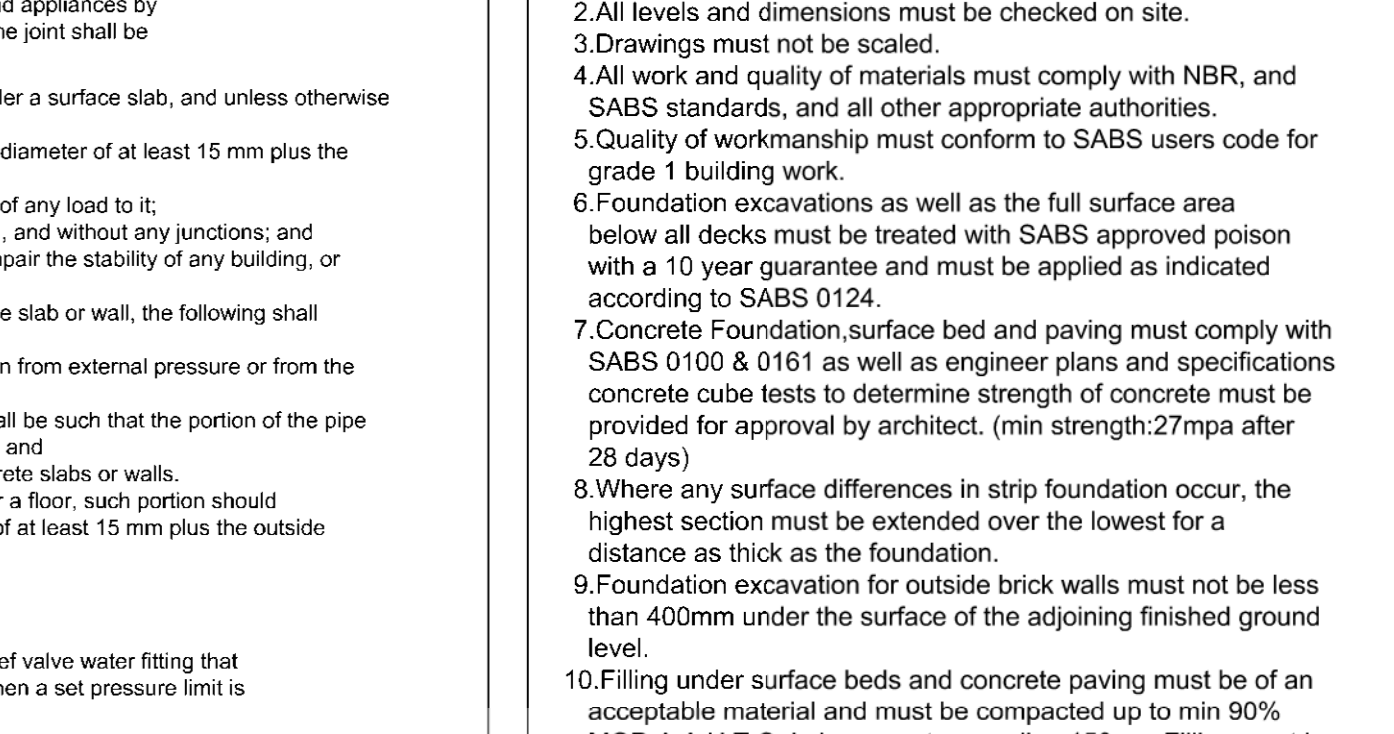
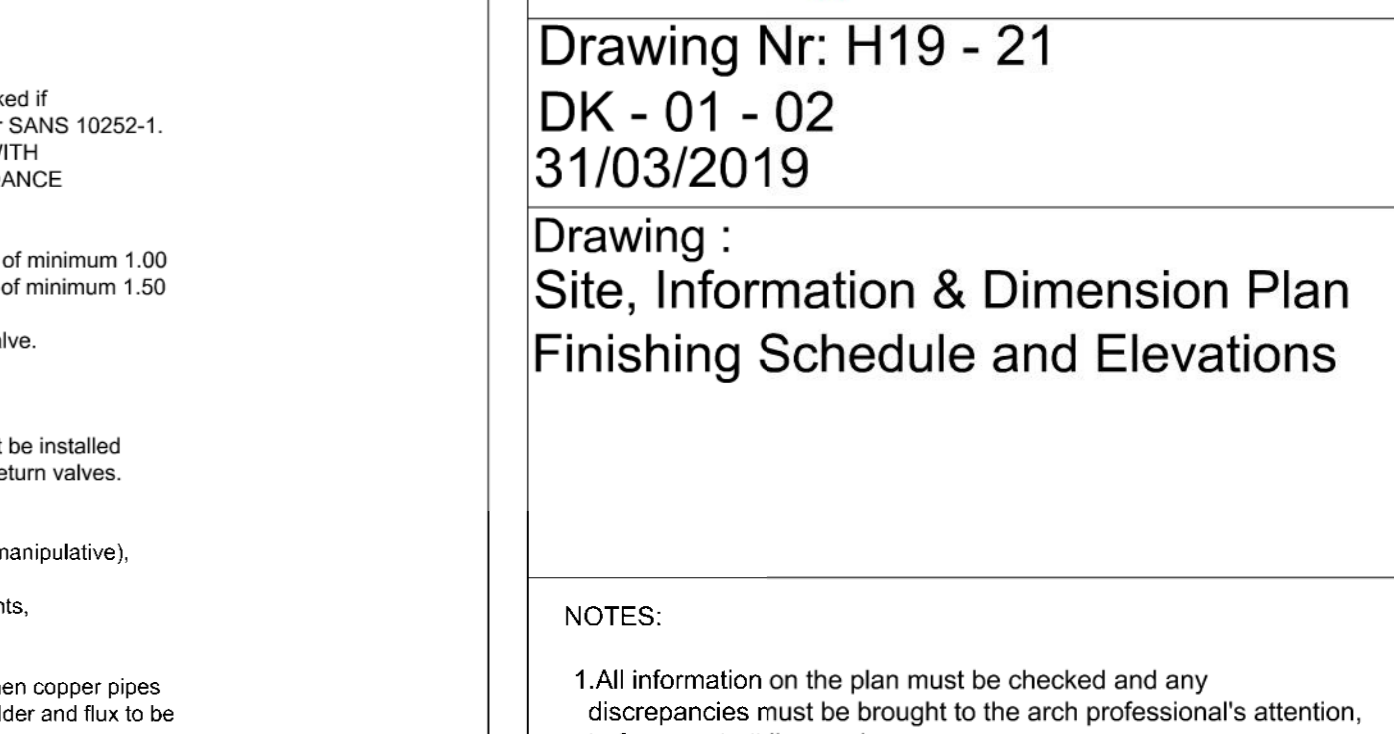
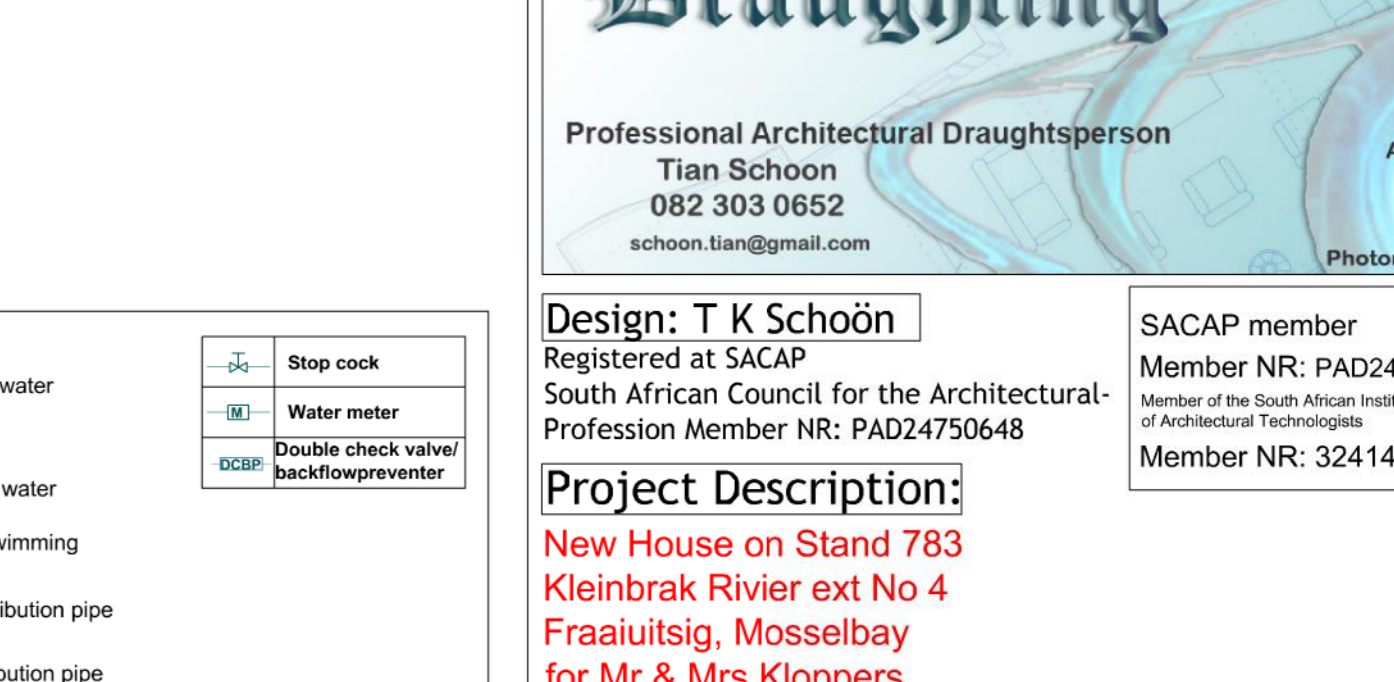
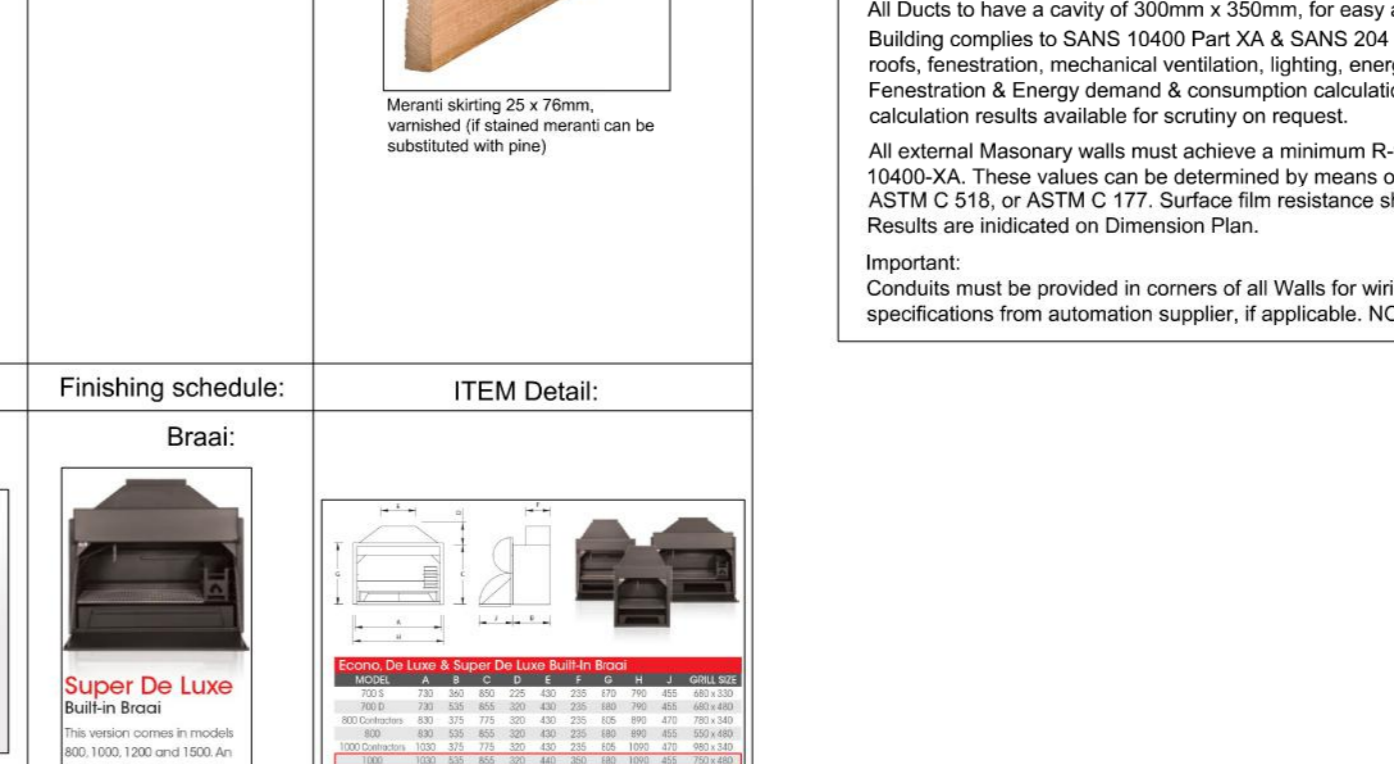
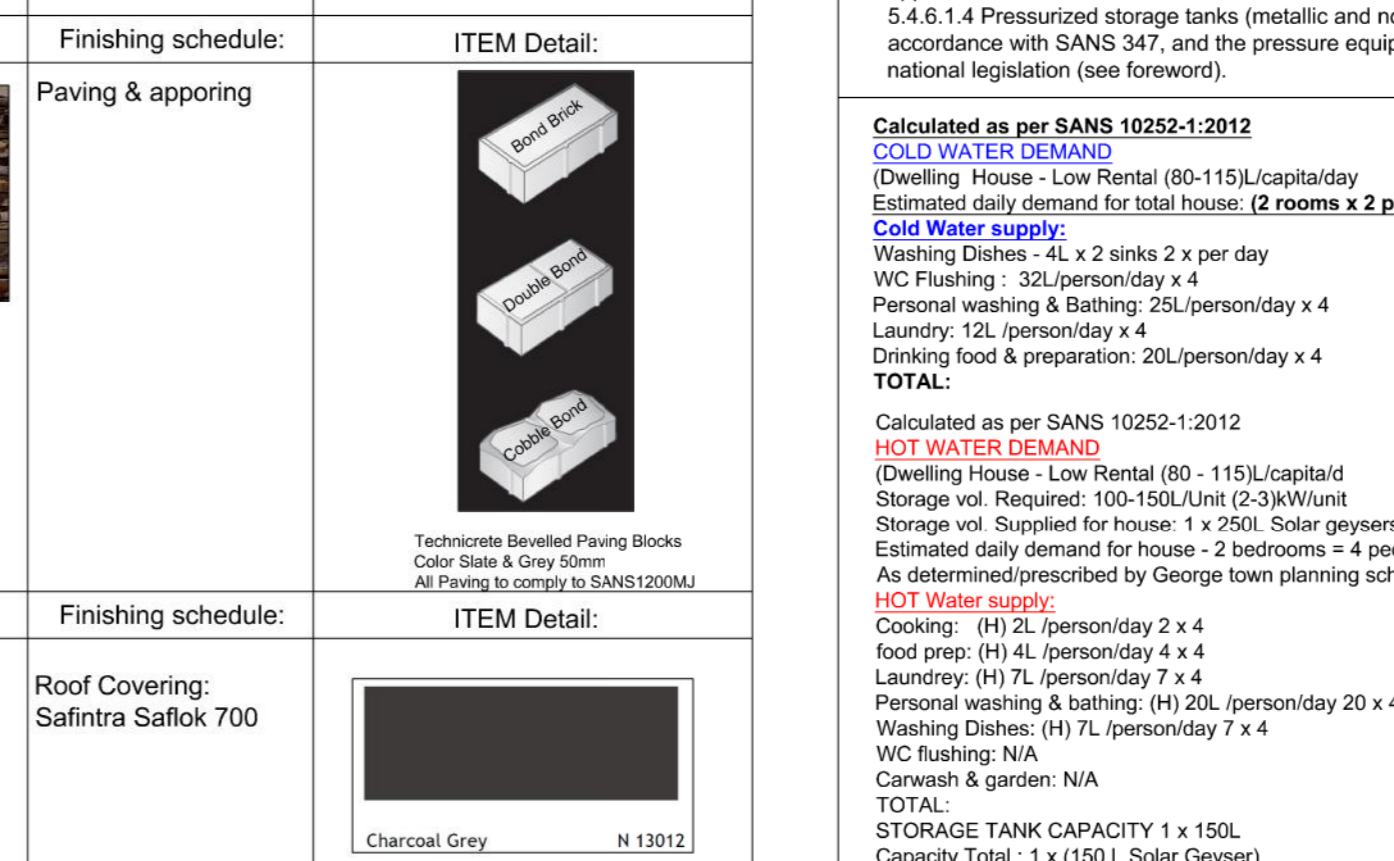
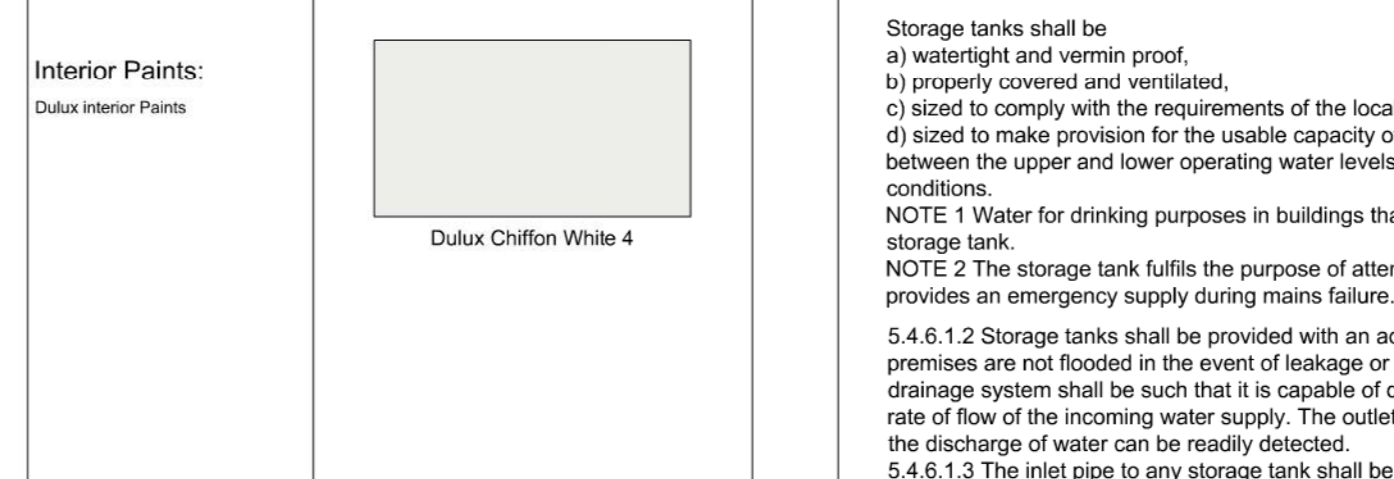
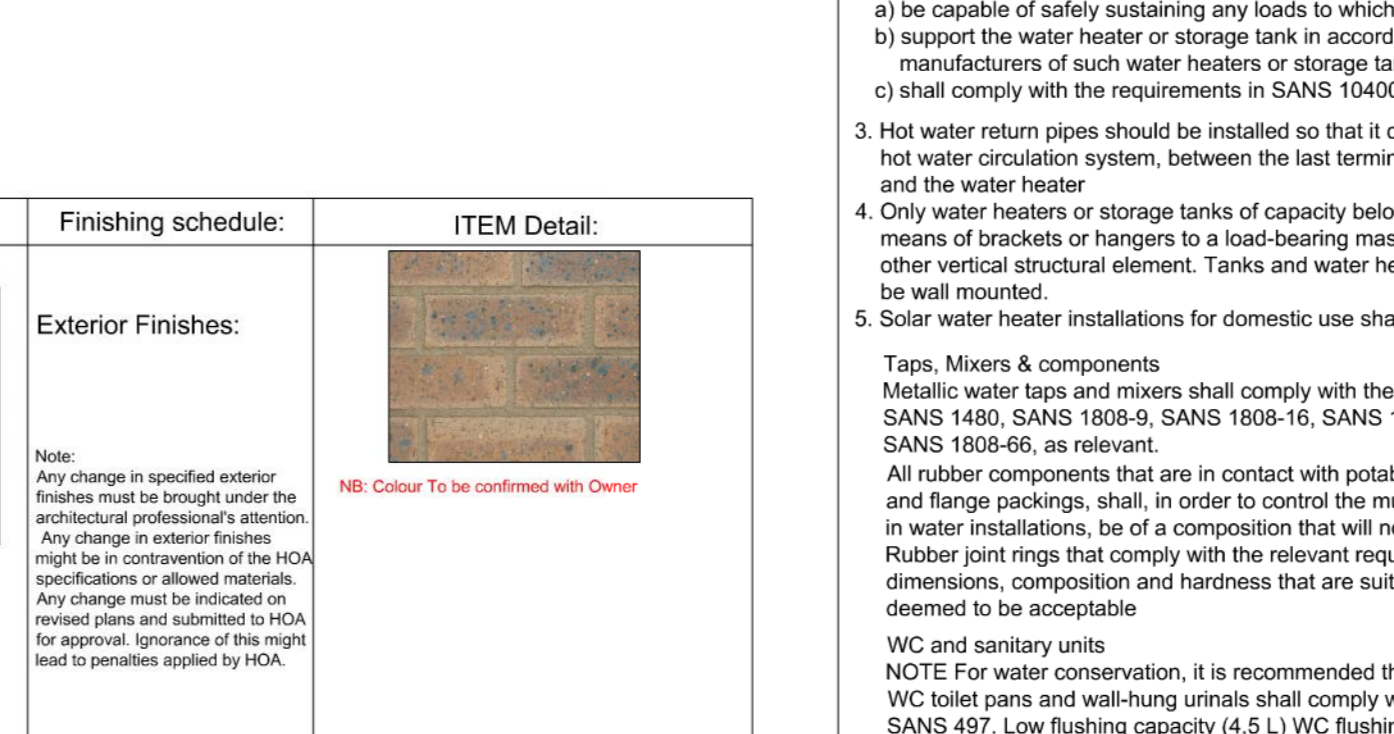
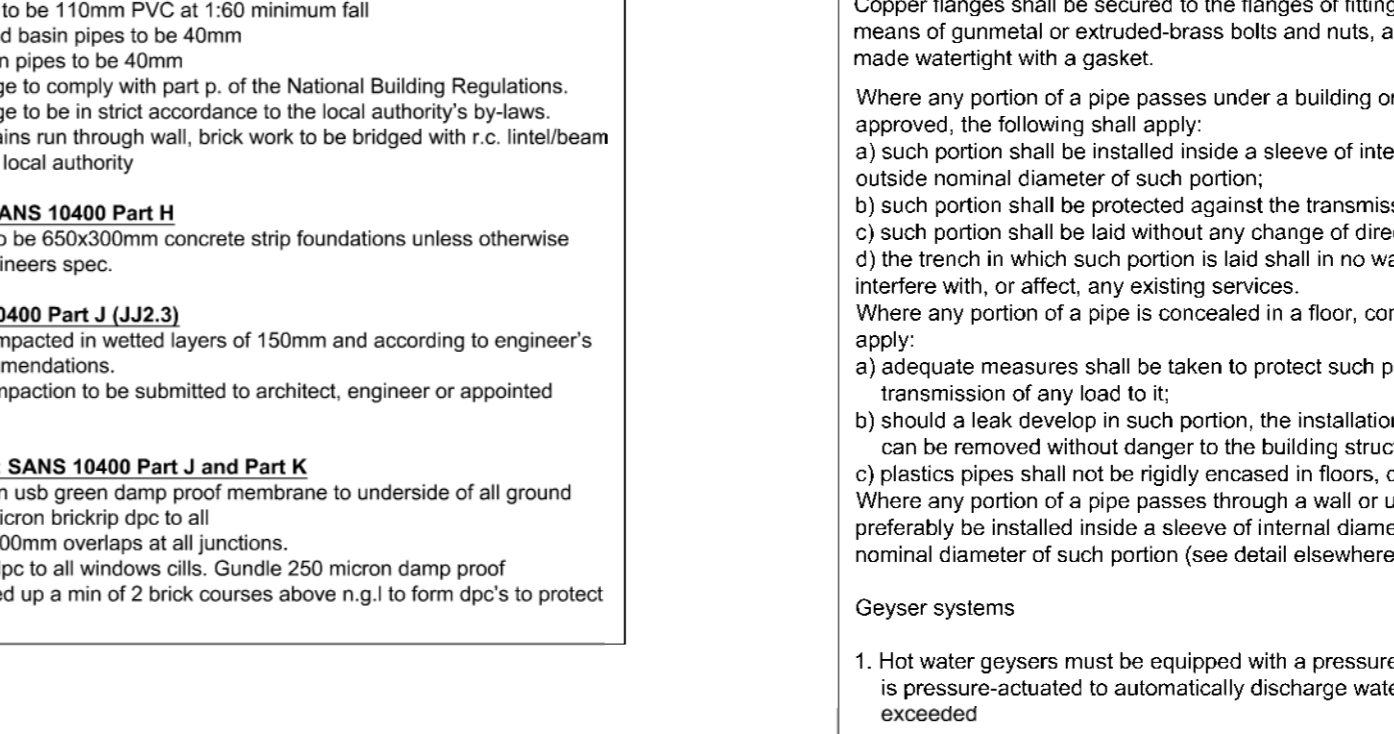
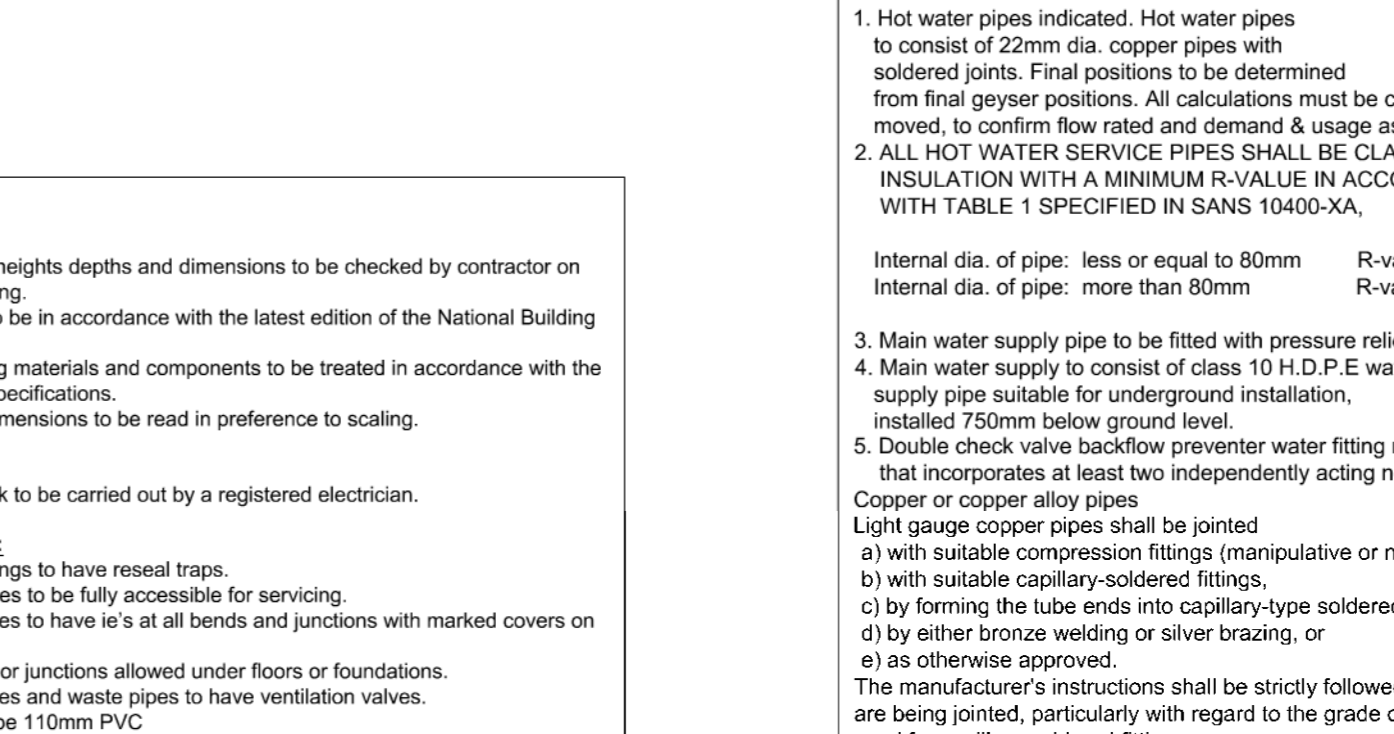
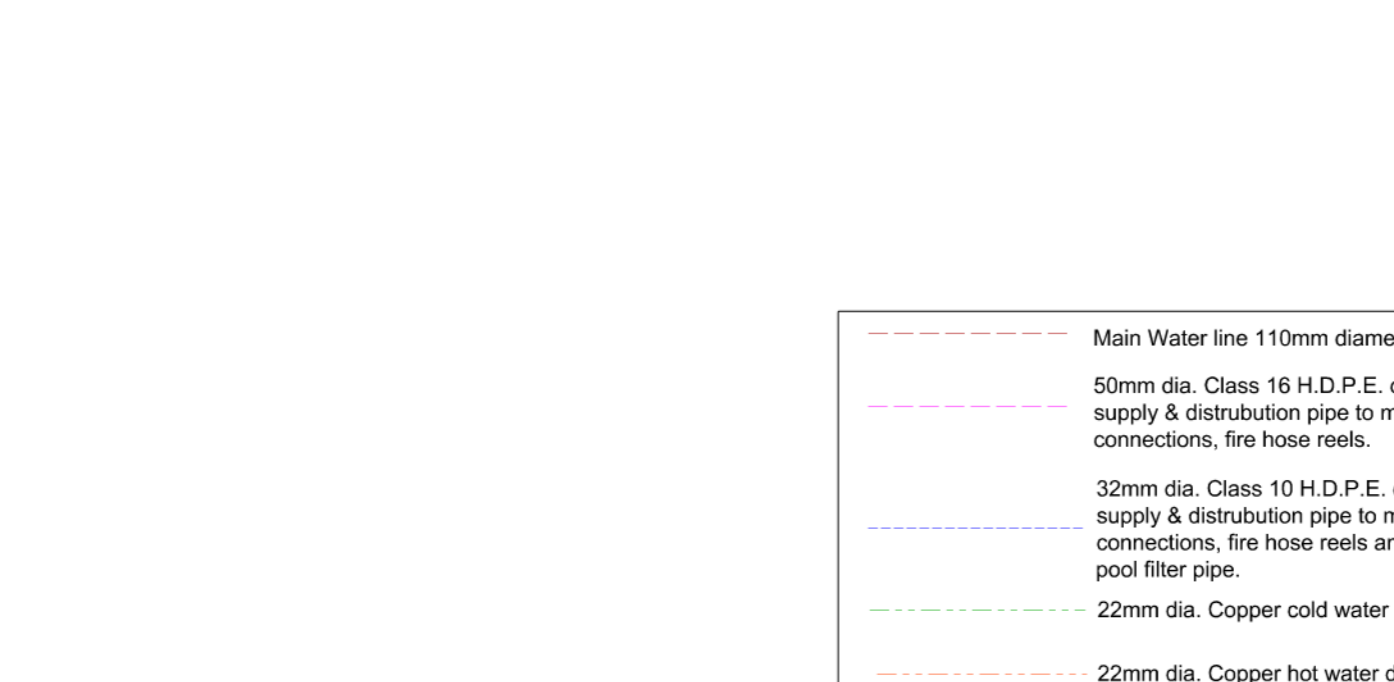
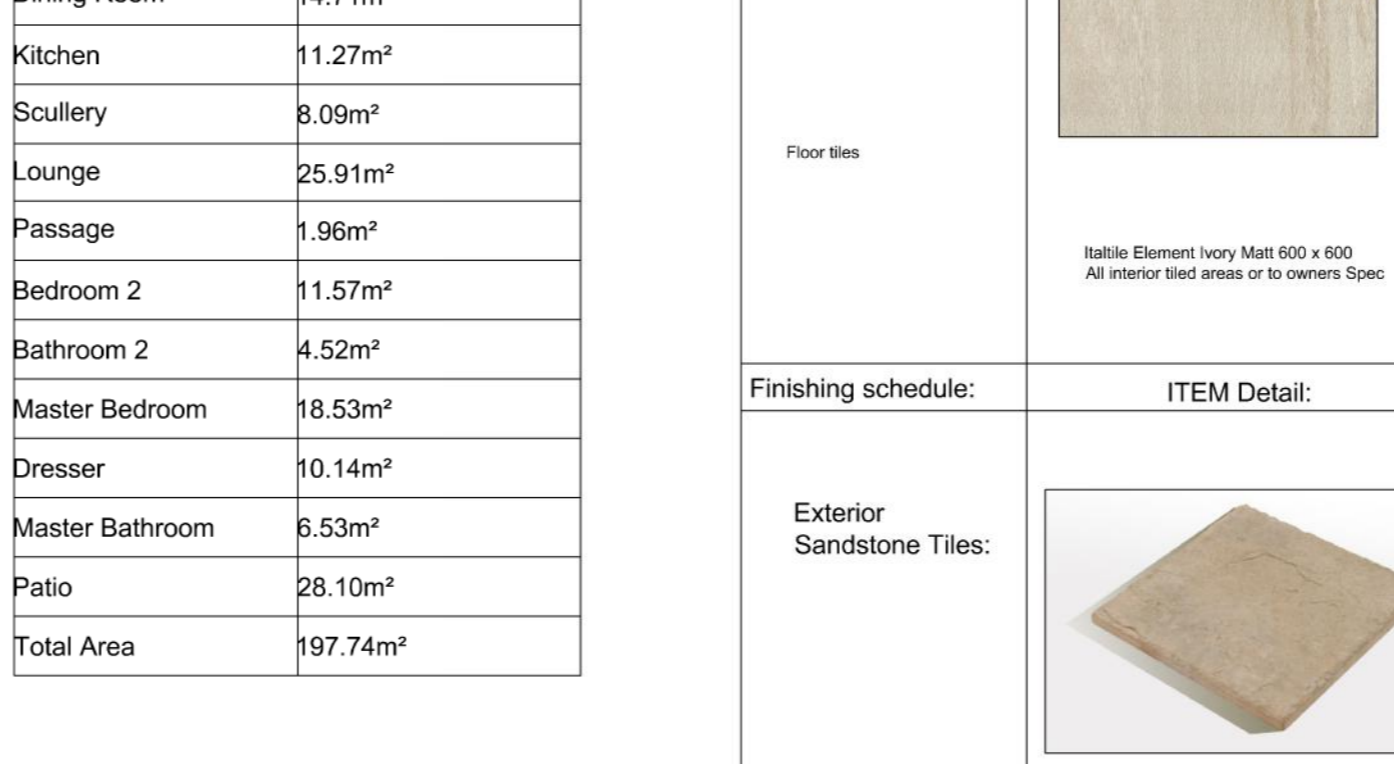
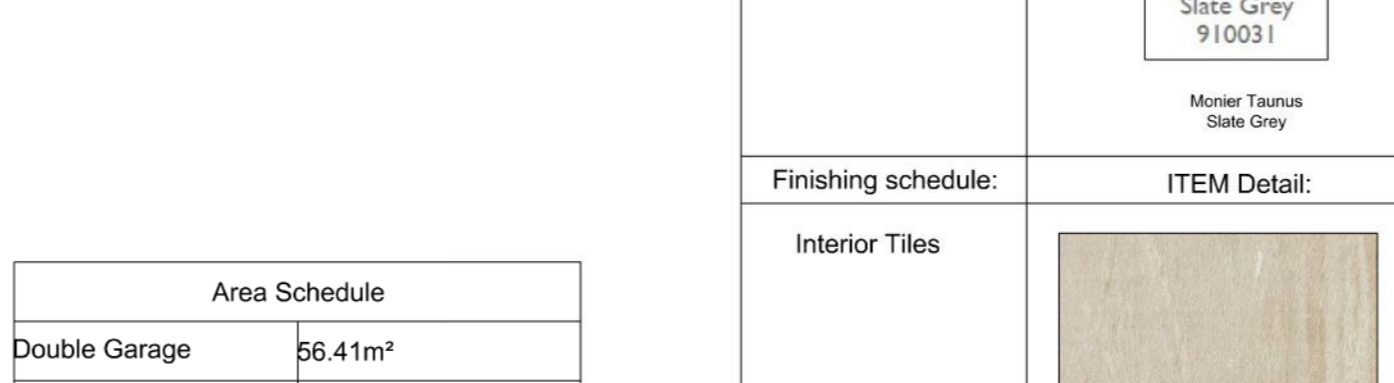
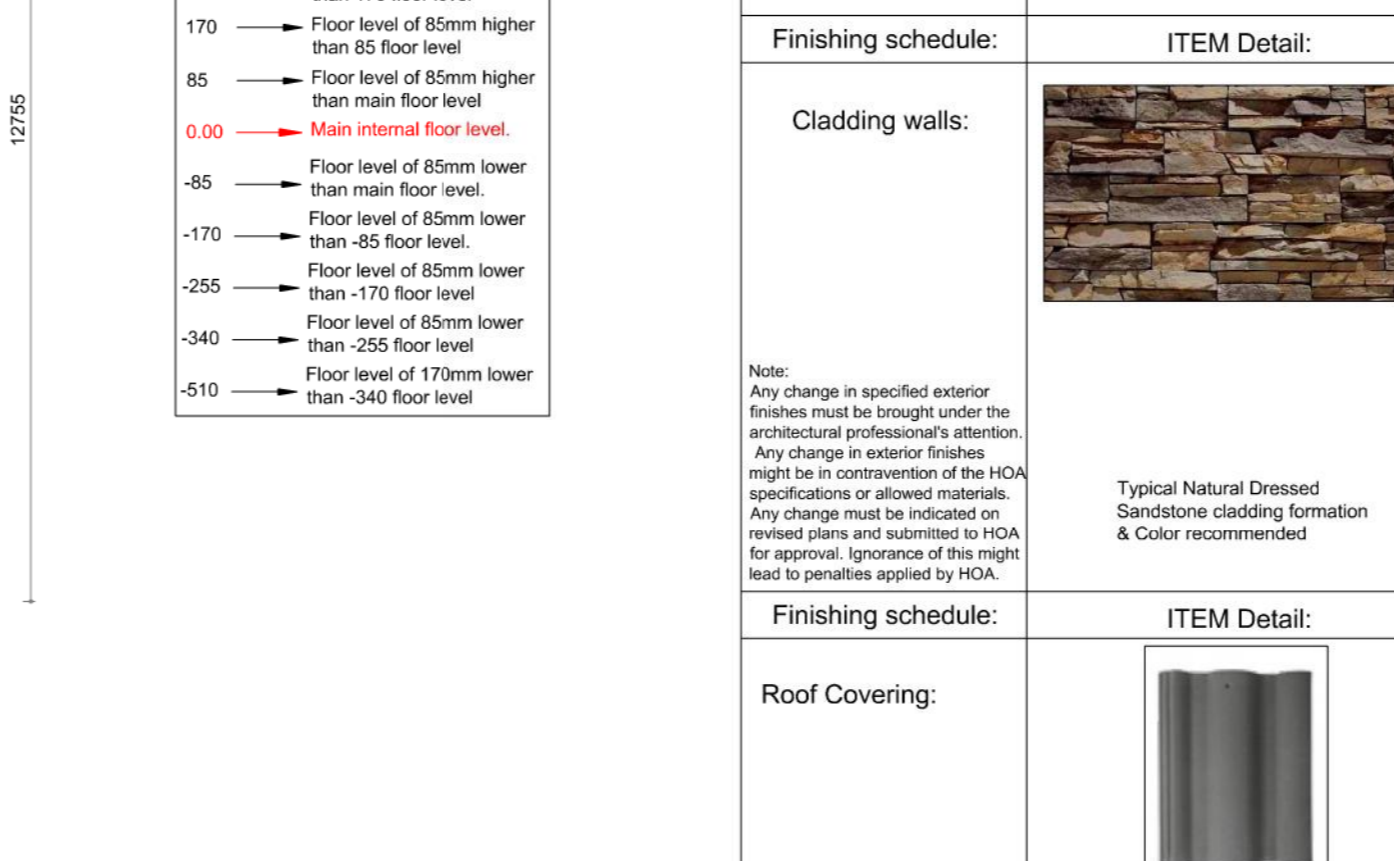
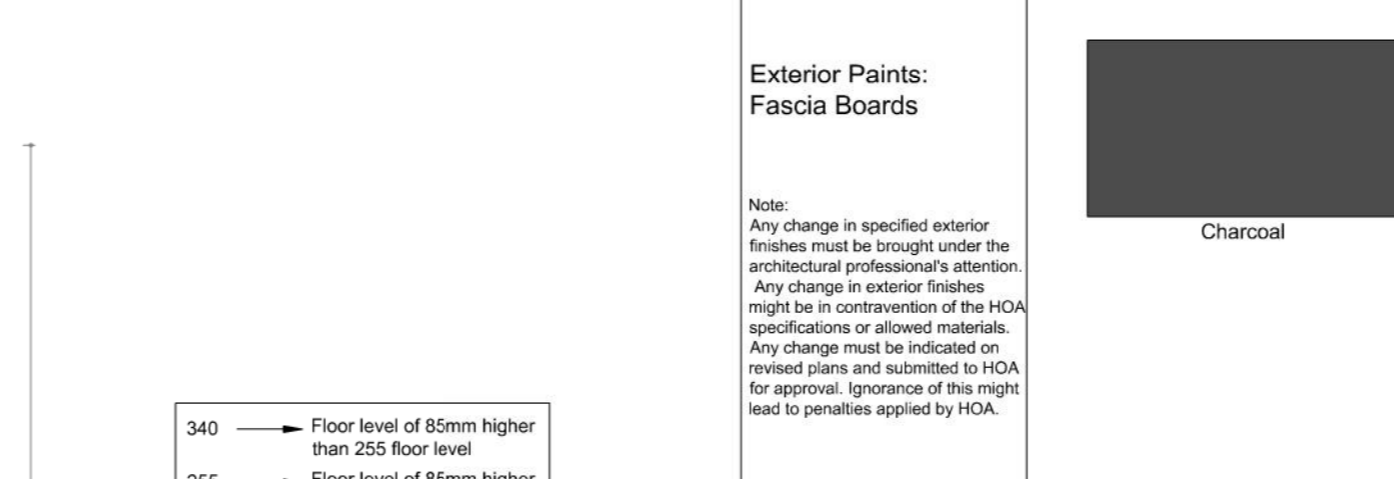
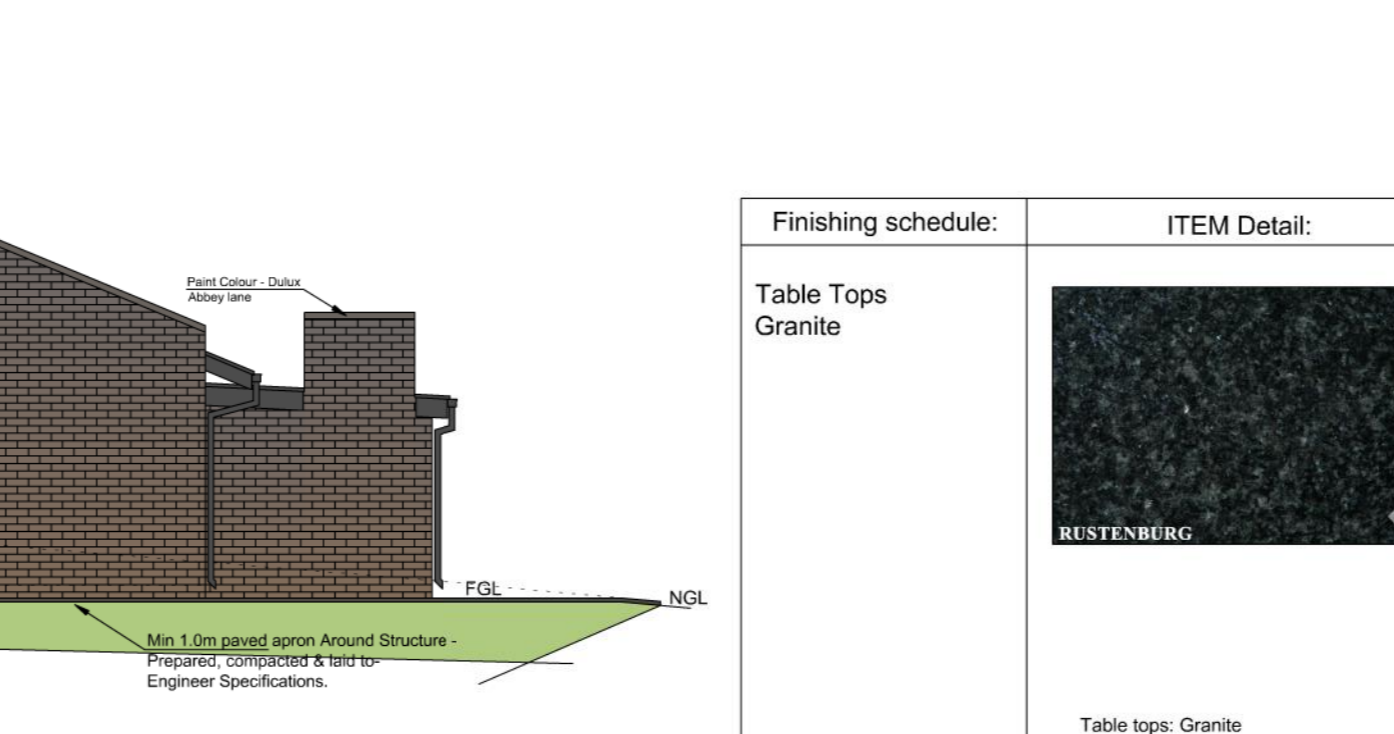
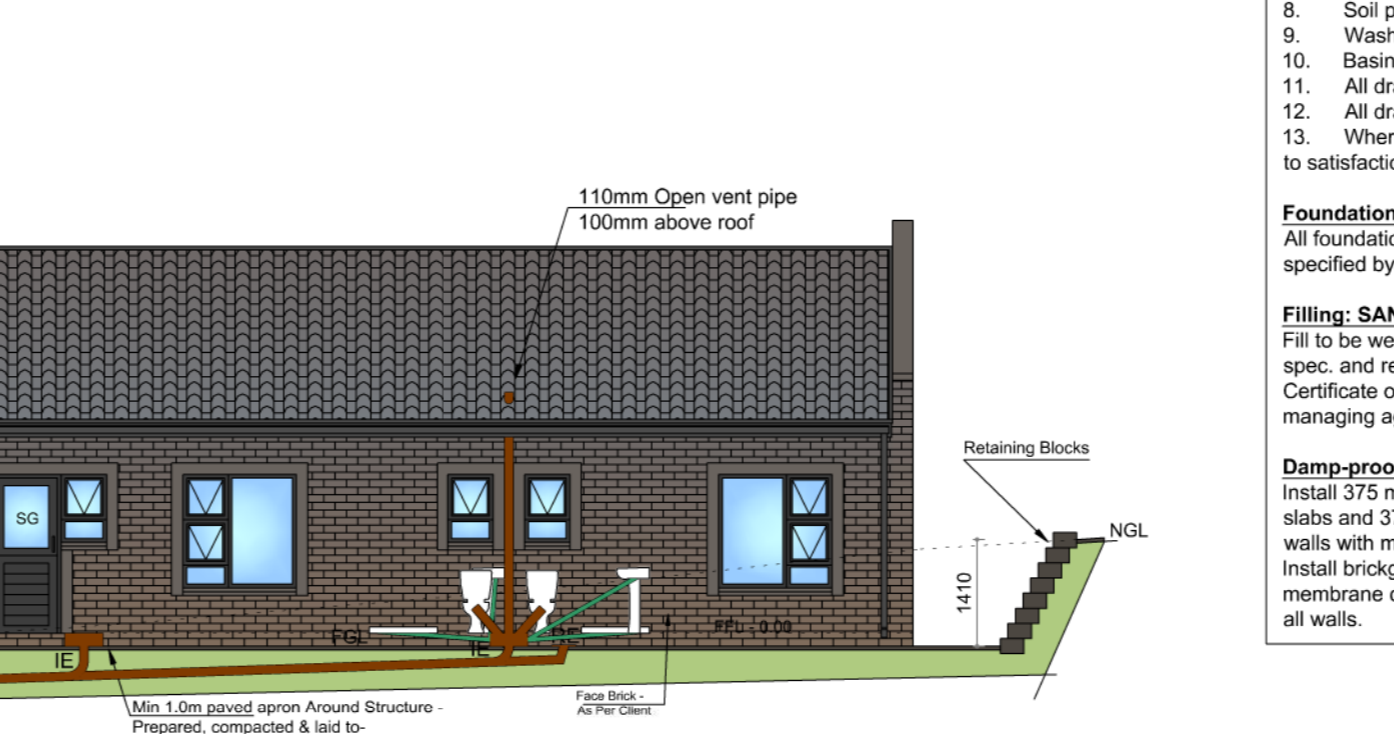
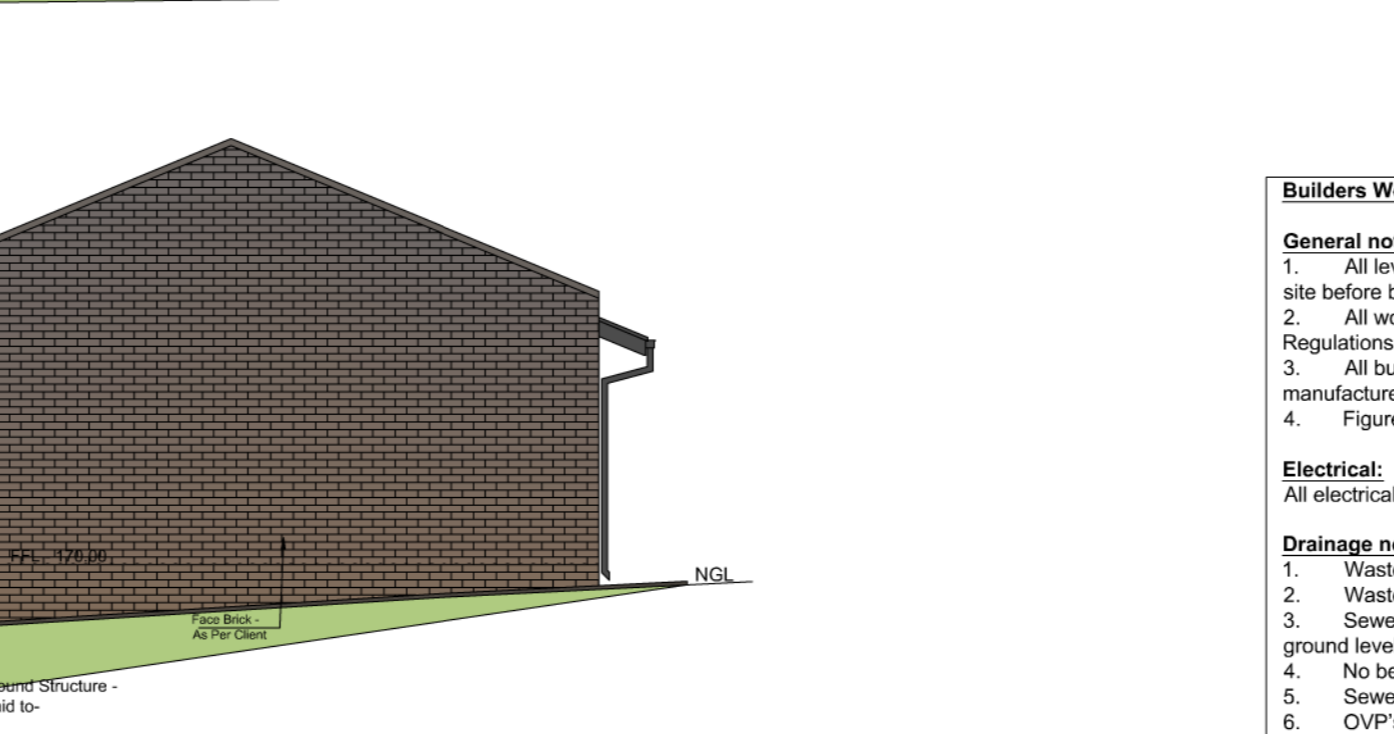
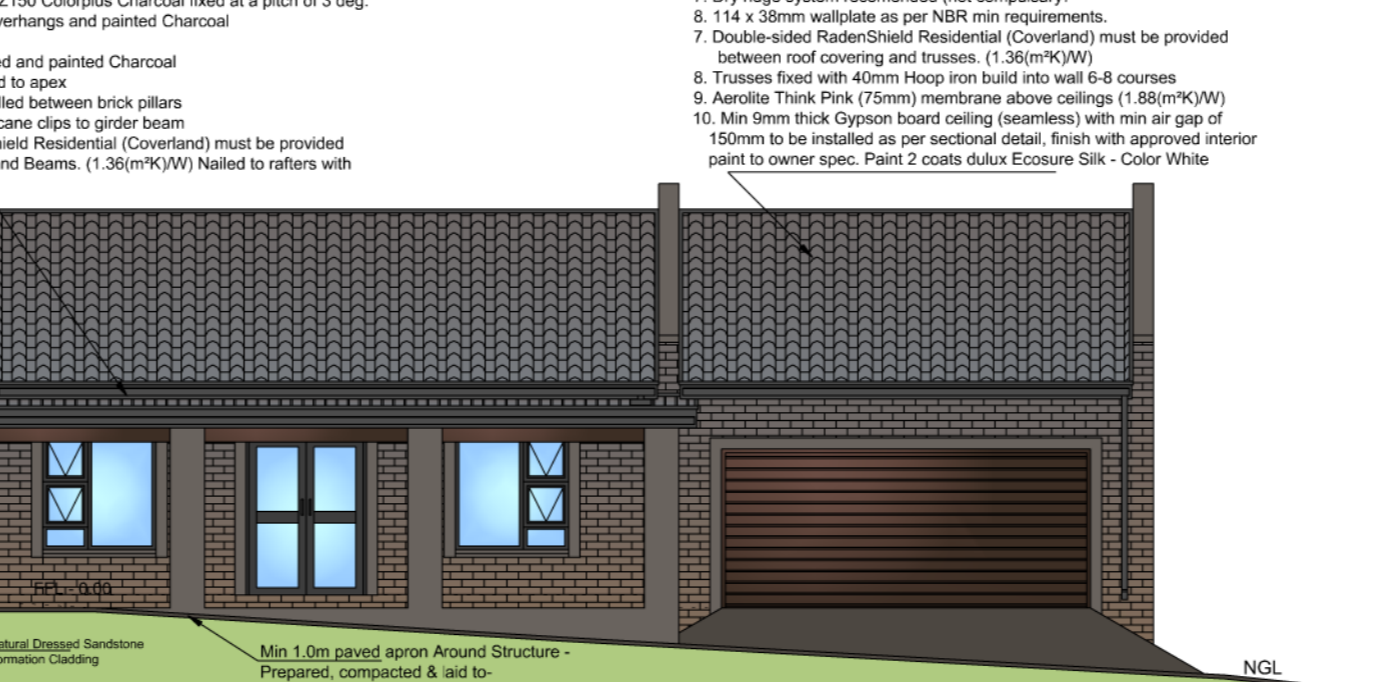
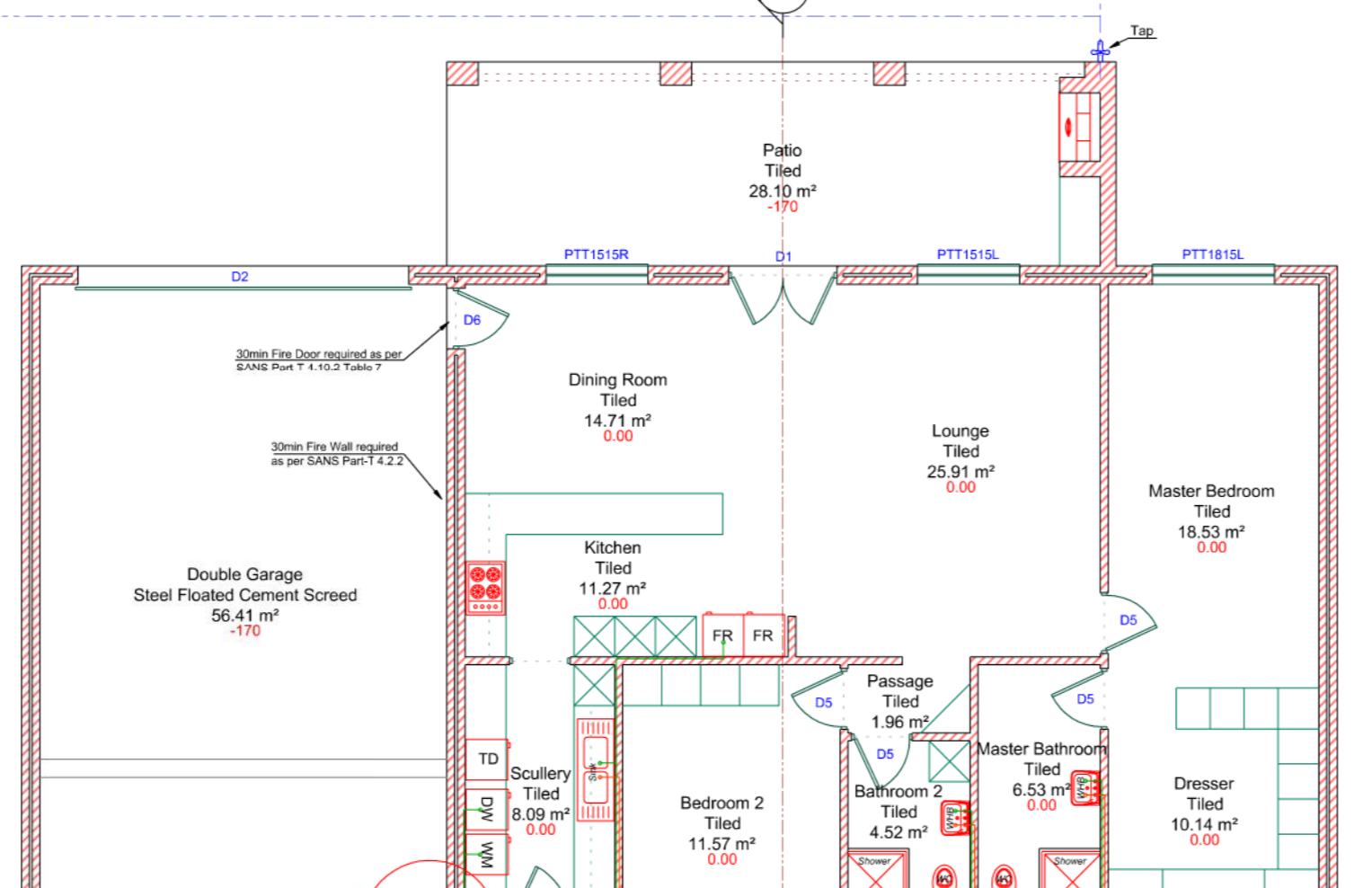
Minimum R-value:
Results of 0.399 > minimum R-value of 0.3 required.
Four Courses Wall Complies with Requirements of SANS 10400 Part XA for 100mm R-value.



Dimension Plan SCALE 1:100



Information Plan SCALE 1:100



- NOTES:**
- All information on the plan must be checked and any discrepancies must be brought to the arch professional's attention, before any building work commences.
 - Drawings must not be scaled.
 - All work and quality of materials must comply with NBR, and SABS standards, and all other appropriate authorities.
 - Quality of workmanship must conform to SABS users code for grade 1 building work.
 - Foundation excavations as well as the full surface area below all decks must be treated with SABS approved poison with a 10 year guarantee and must be applied as indicated according to SABS O124.
 - Concrete Foundation, surface bed and paving must comply with SABS O100 & O101 as well as engineer plans and specifications concrete cube tests to determine strength of concrete must be provided for approval by architect. (min strength 27mpa after 28 days)
 - Where any surface differences in strip foundation occur, the highest section must be extended over the lowest for a distance as thick as the foundation.
 - Foundation excavation for outside brick walls must not be less than 400mm under the surface of the adjoining finished ground level.
 - Filling under surface beds and concrete paving must be an acceptable material and must be compacted up to min 90% MOD A.A.H.T.O. in layers not exceeding 150mm. Filling must be treated with termite poison as indicated above Compaction tests must be provided by contractor.
 - Level of ground floor level must be at least 170mm above finished ground level.
 - 375 Micon D.P.C. must be provided in all walls as indicated.
 - Correct work with bitumastic must be provided in each third course in all brick walls, except where shown otherwise.
 - All brickwork in stretcher bond, except where shown otherwise.
 - All brick pipe excavations must be treated with termite poison for 1500mm from any building according to SABS O124.
 - All glazing must be according to SABS and NBR requirements.
 - Comply with requirements of SANS 10400 part XA and SANS 204
 - All drain pipes and materials must be according to NBR requirements.
 - Electrical installations must be strictly according to appropriate regulations, and installed by registered professional.
 - 19 All sheet metal must be free from any white rust.
 - 20 All timber roof trusses must be treated with termite resistant substance or similar approval.
 - 21 Wall ties shall be installed in any cavity wall in an evenly distributed pattern at a rate of not less than 3 ties per m² of face area where the cavity is more than 75mm in width.
 - 22 All finishes to be applied to manufacturers specifications.
 - 23 Product specific referencing in plans have priority. Any changes thereto must be discussed with architectural, before applying changes. By accepting these plans and constructing what these plans promulgate/instruct, the owner hereby certifies that the arch professional from any claims arising due to product specific failures that might occur, during or after construction have been completed.

DATE	REVISION	SIGN

Applicable Party Approval:
Owner/authorized Signature: _____ Date: _____
T Schoon Signature: _____ Date: _____

Area Covered:	Value
Ground Storey Area :	189.00 m ²
Covered Patio:	29.50 m ²
Total Foot Print Area :	218.50 m²
Total Stand Area :	955 m²
F.A.R: 218.0 / 955.00 :	0.2287
Site coverage percentage:	22.87%

Occupancy: H4
Zoning: RES 1

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ACTS OF PARLIAMENT
All Contractors shall ensure that, before any work is put in hand, they comply with all the necessary Acts of Parliament of the Republic of South Africa.

