	INDEX	3.6.	DAMP PROOF COURSE FOR CAVITY WALLS:	9.1.	MA
1.	GENERAL NOTES	3.6.1.	Staggered over the 2 brick leaves of the cavity wall, so that the inner layer is level with the top of floors, and the outer layer is one brick course lower but not less	9.1.1. 9.1.2.	SAN SAN
2. 3.	SOIL COMPACTION DAMP PROOF COURSES, MEMBRANES, VAPOUR BARRIERS	3.6.2.	than 150mm above infished ground level. Supply weep-holes in the form of leaving every 5th vertical joint free from mortar to allow for drainage and ventilation of the cavity.	9.1.3. 9.1.4.	Clas Clas
4. 5.		3.6.3.	Insert damp proof course in same manner over windows for the entire length of the intel	NOTE:	ALL
6. 7.	CONCRETE NOTES PRECAST CONCRETE UNITS	3.7			<u>co-</u>
8.	Invoked standards	3.7.1.	Use 0,375mm smooth polyolefin complying with SANS 952 type C	9.0.1. 9.0.2.	Colo
	Panels	3.7.3.	membrane up against foundation walls Lay damp proof membrane in the largest practical sizes with 200mm laps	9.0.3.	9.1.
	Placing, finishing Industrial floors	3.7.4.	Seal laps in accordance with manufacturers instructions		9.1.
	Contraction joints	4.	TERMITE CONTROL:		
٩	Isolation or movement joints MASONARY	4.1.	Poison the soil against the inside of foundation walls and under floors with soil insecticide complying with SANS 1165, applied according to SANS 10124.	0.0.4	Llnif
0.	Foundations Walling	4.2. 4.3.	By a certified pest contractor Not when soil is excessively wet	9.0.4.	Non
	Mortar Be-inforcing	4.4. 4.5.	Do not disturb treated surface Do not bury timber scraps or organic debris	9.0.6.	Gra
	Brickforce Damo proof	4.6. 4.7.	Treat foundation trench bottoms before casting Treat every 300mm backfill before compacting		9.0.
	Work Additional clauses	4.8.	Treat full length of pipe and cable trench inside the building and for a distance of 3m outside of the building		9.0. 9.0
10. 11.	PLASTERING STRUCTURAL TIMBER	4.9. 4.10.	Take full and prescribed health precautions as prescribed by OHASA OBTAIN A WRITTEN GUARANTEE FROM THE PEST CONTRACTOR FOR 10		9.0.
	Invoked standards Materials		YEARS FOR THE EFFECTIVENESS OF TREATMENT. C.O.C. TO BE PRESENTED ON CLOSE OUT TO PRINCIPAL AGENT FOR APPROVAL AND SIGN OFF.	9.1	мо
	Fasteners Fibre cement sheets	5.	ACCURACY OF CONSTRUCTION	9.1.1. 9.1.2	San Mor
	Handling of roof structure Certificate	5.1.	ALL CONSTRUCTION WORK IN ACCORDANCE WITH SANS 10155 ACCURACY	9.1.3.	Pigr
	Wall plates Gang planks	5.2.	LEVEL II, UNLESS OTHERWISE STATED. ALL OFF SHUTTER WORK TO BE OF ACCURACY LEVEL I AS PER SANS 10155,	<b>9.2.</b> 9.2.1.	<b>REI</b> Bric
	Roof beams & lintels Purlins & battens		UNLESS CONFIRMED IN WRITING BY ARCHITECT TO STATE OTHERWISE.	9.2.2.	drav Pre-
12.	Fascias & barge boards STRUCTURAL STEEL	6.	<u>CONCRETE NOTES:</u>	9.2.3.	Wal
	Sundry steelwork Structural steel tubes	6.1. 6.2.	SANS 1200 G Concrete Structural SANS 10100 The structural use of Concrete	9.2.3.	<b>Bric</b> 9.2.1
	Steel tubes for furniture Test certificate	6.3. 6.4.	SANS 10109 Part 1 & 2 All concrete will conform to SANS codes to achieve a compressive strength of		9.2. 9.2.
	Shop drawings Welding	6.5.	A minimum coverage of 50mm for formed concrete, and 70mm for		
	Pre-painting Galvanising	6.6.	Form drips to all exposed concrete edges, lintels and beam edges		9.2.
	Duplex coatings Fire protection	6.7.	All ready mix concrete where approved to conform to SANS 878, supplier will be		9.2. 9.2.
13.	Certification PROFILED ROOFING & CLADDING SHEETS	60	inspection, and prepare at least 3 test cubes per every 50m <sup>3</sup>		
	Material Pre-finish of steel	0.8.	nominal size as specified on structural engineers drawings. Store steel		9.2. 9.2.
	Glass re-inforced polyester laminated sheets Polycarbonate sheets	60	and contamination Ties: cast or shotnail 600x30x1.2mm delyanised MS ties: 150mm doon		9.2.3
	Insulated panels Profile, lengths & fixing system	6.10	@500 centres where brickwork abuts concrete.	9.3.	NO
	Storing rooting materials Fasteners & washers	0.10.	and columns in single lifts not less than one storey in height use a poker vibrator under supervision and by trained personnel and strike off day joints level and true		<u>SPE</u> WIF
	End laps & purlin spacing Fixing	6.11.	Testing: Cast concrete test cubes of size and quantity at intervals and of batches as specified by structural dwas in accordance with SANS test method 5861.		<u>voi</u>
	No exposed fixing required Flashings & linings		Test all cubes by an accredited laboratory for compressive strength according to SANS 5863.	9.4.	DAN
14. 15.	(open space for adding new text) WATERPROOFING	6.12.	Curing: Ensure continuous hydration by curing the concrete with an application of a liquid membrane-forming curing compound at an approved rate; by ponding with	9.4.1.	Dan inte
	Invoked standards Type		water; by covering with polyethelyne or similar vapour proof material in large sheets. Cure for a minimum of 7 days.		9.5. 9.5.
	Preparation	6.13.	ANY DEVIATION FROM THE DRAWINGS TO BE REPORTED TO ARCHITECT		
	General application		IMMEDIATELY. ALL DIMENSIONS, LEVELS AND ANGLES TO BE CHECKED ON SITE PRIOR TO CONSTRUCTION.	9.5.	wo
	Protection	7.	PRECAST CONCRETE UNITS NOTES:	9.5.1. 9.5.2.	Mor Fac
	Joint fillers/sealants Prenaration	7.1.	Contractor must submit a methodology for the casting of precast concrete in line	9.5.3. 9.5.4.	Bon
16.	Sealing PATENT SUSPENDED CEILING		with structural concrete notes on construction as well architectural note on finishing.		9.6. 9.6.
	Boards Suspension fittings	7.2.	Prepare a sample for approval by Structural and Architectural Approved representative prior to construction, along with applicable test cube results for said		9.6.
17.	Fixing PARTITIONS & LIGHT WEIGHT INTERNAL WALLS		sample. This needs to be programmed well in advance to allow for approval of samples, and avoid delays.		9.6. 9.6
	Drywall partitions Fibre cement board	7.3.	Fibre reinforcement will be allowed into the mix when mix design is done by a competent person.	9.5.5.	Pos
	Studs & tracks Aluminium extrusions	7.4.	Do not build in pre-cast units before 21 d of casting bed and joint solidly in 1:3 (cement : sand) mortar.	9.5.6. 9.5.7.	Deg
	Installation Accuracy	8.	CONCRETE FLOORS ON THE GROUND	9.6.	ADI
18.	At completion PLASTER & SCREEDS	<b>8.</b> 1.	INVOKED STANDARD SANS 10109 Concrete floors		In th
	Plaster Gypsum plaster	8.2.	INDUSTRIAL: Direct-finished one course slab designed and constructed to	9.6.1. 9.6.2.	The The
19.	Corner protection SCREEDS & TOPPINGS		SANS 10109 under direction of a Competent Person / see STRUCTURAL drawings	9.6.3. 9.6.4.	Trac An ι
	Invoked standards Cement	8.3.	PANELS	9.6.5. 9.6.6.	Colo The
	Aggregate for toppings & screeds Aggregate from natural stones	8.3.1.	Butt-jointed panel dimension in case of unreinforced domestic/institutional slab types:		
20.	Stone for topping JOINTS		8.3.1.1. 3,5 m where floors are covered with carpets and flexible floor covering 8.3.1.2. 2,5 m where floors are covered with semi-flexible or rigid tiles	10.	<u>PL</u> A
	Isolation joints 10mm wide joints	8.4.		Cement	t: Use
	Intermediate joints Accuracy	8.4.1.	Papric-reinforced under direction of structural engineer, see structural drawings specifications		
	External thresholds & stair treads Edge strips	8.4.2. 8.4.3.	In large mats, overlap 300 mm, place near top surface	Sand:	
	Skirlings Curing Inspection testing and repair	0.4.4.			
21.	Inspection, testing and repair <b>PAINT</b>	8.5.1.	Place, compact, level, strike off, and wood float concrete floors to level surface or		
	Preambles Prenaration of surfaces	8.5.2.	Direct-finish by means of delayed trowelling technique:		
	Colours Prenaration for painting		stiffened so that foot pressure barely indents the surface (2-4 hours) 8.5.2.2. Remove bleed water and laitance	Apply P	laster
	Alkyd paint on plaster		8.5.2.3. Trowel using pressure, or power trowel; steel trowel to produce a smooth finish or wood float to produce a slip-free surface as shown on drawings	Pre-wet Add Lin	walls ne to s
	Emulsion paint on fibre cement fascias, barge board cladding Alkyd paint on structural steel		8.5.2.4. Do not add water or neat cement.	Permiss	b elaic
	Alkyd paint on non-structural steel Paint on galvanised steel	<b>8.6.</b> 1	INDUSTRIAL FLOORS: Preparation:	11.	<u>51</u>
22.	GLAZING		8.6.1.1. Prepare thresholds by casting concrete of same thickness, material and finish as specified for floor, in all door openings: thresholds to have key	11.1.	INV
1.	GENERAL NOTES:		ways 8.6.1.2. Prepare for contraction, construction and isolation ioints: in case of		11.1
	<ol> <li>All dimensions are given in millimeters on architectural drawings</li> <li>No scaling from any drawings allowed, and dimensions take</li> </ol>		columns, cast 8.6.1.3. Concrete against edge forms placed diagonally to column:		
	<ul> <li>precedence</li> <li>1.3. Any discrepancies and or indistinctiveness should be referred to</li> </ul>		as per structural drawings		
	<ul> <li>Architect before commencement of construction.</li> <li>All dimensions to be verified and coordinated on site prior to construction.</li> </ul>	<b>8.7.</b> 8.7.1.	CONTRACTION JOINTS: Spacing: As per structural drawings		
	<ol> <li>Construction.</li> <li>All structural elements, steel, timber and concrete as per structural drawings, details and appailingtions.</li> </ol>	8.7.2.	Pattern: saw with a mechanical concrete saw to blade width and a depth of one quarter of the slab thickness		
	1.6. For full and clear specification on all finishes refer to Finishing	8.7.3.	Saw only after concrete has hardened sufficiently but before shrinkage cracking can occur (between 4 and 48 hours after placement).		11.1
17		8.8.	CONSTRUCTION OR DAY JOINTS:		
1.7.	STANDARDS AND THE CONTRACTOR MUST COMPLY WHEN INVOKED IN A SPECIFICATION CONTRACTOR MAY BE CALLED UPON TO PRODUCE THE	8.8.1.	Cast at end of day's casting or where concreting has stopped for more than 45 minutes	11.2.	<b>MA</b> 11.2
	RELEVANT SANS CODE ON SITE TO PROVE COGNIZANCE OF THE STANDARD	8.8.2.	Type: 8.8.2.1 Keyways: <b>trapezoidal</b> ; coat joint face of keyways with suitable		11.2
			debonding agent like lime wash or bitumen 8.8.2.2. Dowels: 16 mm diameter x 300 mm length plain round mild steel dowels		11.2
2.	SOIL COMPACTION UNDER SLABS:		to SANS 920, placed at mid-depth of the slab at 300 mm spacings; coat dowels for two-thirds of their length with a bond-breaking compound		11.2
	All according to Geotechnical Report Design		8.8.2.3. Round off: all construction joint edges to a radius of 3 mm.		11.2
3.	DAMP PROOF COURSES, MEMBRANES, VAPOUR BARRIERS	8.9.	ISOLATION OR MOVEMENT JOINTS:		11.2
3.1.	NBR K Schedule 16	8.9.1.	Position: where floors abut fixed structures like walls, columns, sumps or inspection chambers or in external floors or paving and (not or) where details		11.2
3.3.	SANS 10021 Waterproofing of buildings (Including damp proofing and vapour barrier installation)	8.9.2.	specify Forming: 20 mm thick compressible material (to 10mm) bitumen-impregnated		11.2
3.4.	SANS 952 Polyolefin film for damp and waterproofing in buildings, including appendix C Notes on use installation and protection of film	8.9.3.	softboard Sealing: Seal with suitable elastomeric material as specified on the drawings		11.2
3.5	DAMP PROOF COURSE	8.9.4.	Ream sawn joints to width and depth as required and according to the sealant manufacturer's instructions.	11.3.	FAS
3.5.1.	Use 0,375mm black embossed polyolefin damp proof course complying with SANS 952 B	9.	MASONRY		11.3
3.5.2.	Lay damp proof course in un-jointed lengths where possible and with full corner laps over full width of wall, level with the top of floors and not less than 150mm	9.0.	FOUNDATIONS		11.3
0 5 0	above finished ground level, and under copings and in parapets walls.	9.0.1.	אר באוים- UII-CM2 Construction Works: Strip tootings, pad footings and slab-on-the-ground foundations for masonry walling		11.3

THE SPECIFICATIONS NOTED ARE AS GENERAL INFORMATION FOR DEFAULT SITUATIONS THAT MAY ARISE DURING CONSTRUCTION AND SPECIFIES THE

- 3.5.3. Apply damp proof courses to the following (and where specified)
  3.5.4. Under window cills and over lintels where cavity walls are applicable as per detail, tuck in under window profile.
- 9.0.2. SANS 0400-1990 Part H & J 9.0.3. MINIMUM FOUNDING DEPTH: 340MM TO T.O.C.

	MASONRY WALLING SANS 2001-CM1: Construction Works: Masonry walling SANS 207:Puret alow masoner units	11.4.	FIBRE CEMENT SHEETS to comply with SANS 803.	13.2.	PREFINI:	SH ON STE Galvanizin	EEL ng SANS 3575/SANS 49
	Class of face units: <b>NFX</b> Class of common units: <b>NFP as per client requirements</b>	11.5.	HANDLING AND ERECTION OF TRUSSES ROOF STRUCTURE: 11.5.1. Erect and fix the roof structure according to SANS 10243/1900:		13.2.2. 13.2.3.	Steel prepa both sides Colour: Do	ainting system SANS 18 s ove Grey
E:	ALL COURSE COORDINATION TO 85mm INCREMENTS, ALL WORK TO BE CO-ORDINATED ACCORDINGLY		11.5.1.1. Store transport and Handle trusses in a manner that prevents distortion, contact with the ground and excessive exposure to weather, and allows ventilation;		13.2.4.	Required r delivery sli	marking: at 1m intervals ip: Trade name
	Work size: 222 x 103 x 76 mm (Imperial)		11.5.1.2. Handle and lift trusses in an upright position; 11.5.1.3. Ensure all wall plates are level and roof anchors in position;			13.2.4.2.	Thickness, Steel grade,
	Colour of face units: GREY Nature of unit: 9.1.7.1 HOLLOW CORE: FOR ALL VERTICAL MASONRY WITHIN WALLS.		11.5.1.4. Mark truss positions on the wall plates; position trusses 100mm away from gable walls; 11.5.1.5. Build in trusses or bolt hangers to hollow unit walls only when	13.3.	GLASS-F	13.2.4.4. (	Coating finish
	9.1.7.2. SOLID CORE FOR THE FOLLOWING ITEMS OR AS INDICATED BY DRAWINGS:		cores are filled with concrete; 11.5.1.6. Build in monopitched or truncated trusses into masonry with	10.0.	Not speci	ified and no	ot permissible
	9.1.7.2.1. Balustrade copings 9.1.7.2.2. Brick on edge cills 9.1.7.2.3. Parapet beader beader courses		end bearing of the extended tie beam of 70mm minimum, and clear distance of nearest web member from wall of 100mm;	13.4.	<b>POLYCA</b> 13.4.1.	Grade: Sho	E SHEETS leeting grade with a co-e
	Uniformity of colour and texture (sample of 20 units required): required		11.5.1.7. Hold first trusses upright with temporary bracing; do not use gable walls to support trusses unless agreed.		13.4.2. 13.4.3.	Colour: Wi	hite opaque :: 1,2 mm (industrial) as
•	Nominal compressive strength: As per SANS 0400 for NFP and NFX Grade of efflorescence:		to the walls, with straight rafters and tie beams; 11.5.1.9. Fix the necessary permanent bracing;	13 5	13.4.4.	Profile: Ma	atching roofing for Kliplo
•	9.0.6.1. Normal for internal walls not exposed to damp: 9.0.6.2. Special for visible unplastered foundation walls, retaining walls and		11.5.1.10. In the case of trusses spaced at 1500mm centres and either no ceiling or a suspended ceiling, fix continuous 38x76mm	10.0.	13.5.1. N 13.5.2. F	None specifi Refer to drav	ied wings for SISALATION 4
	free-standing walls 9.0.6.3. Limits of water absorption: 6-14% 9.0.6.4 Limits of moisture expansion: 0.20%		11.5.1.12. Dress anchors over truss or purlins with nails; Ensure all bracing is in position before carrying up any roofing	13.6.	PROFILE	E, LENGTH	S, FIXING SYSTEM
	9.0.6.5. Required marking: above designation on each dispatch or consignment note		material; 11.5.1.13. Inspect the soundness of trusses after erection and report		13.6.2.	Lengths: C	Continuous sheets where
	MORTAR: Sand: SANS 1090		11.5.1.14. Report any deviations from the original design and obtain approval. Do not make any changes without the approval of the		13.6.3.	Fixing syst (Brownbuil	tem: Concealed (patent It)
	Mortar plasticizers and set-retarder admixtures: not permitted Pigments for mortar: not required.	11.0	Architect.	13.7.	<b>STORING</b> 13.7.1.	G ROOFING	G MATERIALS
	<b>REINFORCING:</b> Brickforce and rod reinforcement material: Galvanised MS as indicated on	11.0.	11.6.1. Ensure that engineer supplies certificate of completion for erection of trusses to be handed over on close out.		13.7.2.	Wet-storag	ge stain or white rust on spected.
•	drawings Pre-stressing steel: not required	11.7.	<b>WALL PLATES:</b> Use sawn softwood structural timber wall plates grade S5,	13.8.	FASTEN 13.8.1.	ERS AND V Fasteners	WASHERS and washers SANS 127
	Wall tie material in corrosive areas: 750 g/m2 galvanized steel		11.7.1. Lay wall plates on internal skin of load bearing walls and strap down where necessary until roof trusses rafters are in place.		13.8.2. 13.8.3. 13.8.4	As recomm As corrosid	mended by sheet manufa on resistant as metal roo
	<ul><li>9.2.3.1. To be installed in every course of foundation walls</li><li>9.2.3.2. To be installed in top 4 courses under soffit of slab under slip sheets</li></ul>	11.8.	GANG PLANKS: Nail two 150x38mm gang planks onto tie beams of 2 adjoining		13.8.5.	Self-tappin and withou	ng screws and blind rive
	9.2.3.3. Every opening, window, door or access panel with masonry superstructure to extend 1.5m on either side of opening, install in every course for 4 courses ABOVE AND BELOW OPENING	11.9.	ROOF BEAMS AND LINTELS: Timber beams must be structural grade	13.9.		PS AND PU	IRLIN SPACING
	9.2.3.4. Where brickforce extends over movement joint a 25mm concertina joint to be folded into joint		softwood timber minimum grade S5. 11.9.1. Pre-treat rafter ends and build in at least 100mm into parapet walls, or		13.9.2.	Purlin/girt	spacing: as per drawing
	<ul> <li>9.2.3.5. All brickforce continuances to have a min overlap of 300mm</li> <li>9.2.3.6. All perpendicular wall joints to receive brickforce every 3rd course to tie in with main perimeter wall, extend into secondary tie in wall for min length</li> </ul>		11.9.2. Dress anchors over rafters or purlins and fix with nails.				
	of 600mm 9.2.3.7. All brickforce to be minimum ZZ75 galvanised	11.10.	PURLINS AND BATTENS: Use structural softwood purlins grade S5, size 50x76 or as specified	13.10.	FIXING 13.10.1. 13.10.2	To SANS	10237 and according to
	<ul> <li>9.2.3.8. IN ALL WALLS EVERY 41H COURSE TO RECEIVE BRICKFORCE</li> <li>9.2.3.9. All brickforce specifications above are additive and not mutually exclusive. When clash occurs install both.</li> </ul>		11.10.1. Use sawn structural softwood battens to sizes as specified 11.10.2. Plane all Timber that will be visible, such as roof overhangs 11.10.3. Nail purlins and battens in long lengths and with staggered joints onto		13.10.3.	Lay side la	aps away from prevailing
	NOTE: ALL CAVITY WALLS TO RECEIVE GALVANISED WIRE TIES AS		rafters. Use 4mm diameter galvanised wire nails, 120mm long for purlins and twice the length of batten thickness for battens. Joints must be	13.11.	<u>NO</u> EXPO PER MA	OSED FIXIN	NG REQUIRED AND OF RER.
	<u>SPECIFIED ABOVE TO THE FREQUENCY OF 5 PER m² OF ELEVATION.</u> <u>WIRETIES TO FORM DRIP MID CAVITY. ALL CAVITIES TO REMAIN</u> VOIDED AND EMPTY.		<ul><li>11.10.4. Install battens on both sides of valleys for the fixing of valley gutters.</li><li>11.10.5. Install tilting battens at eaves to ensure that the first row of tiles lies at the</li></ul>	13.12.	FLASHIN 13.12.1.	IGS AND L Material	ININGS
	DAMP-PROOFING:		same angle as the next. 11.10.6. Tie purlins to beams or trusses at every intersection with 3,25mm Ø			13.12.1.1.	In case of met sheets
	Damp-proof course(DPC)material marked with type, width, texture at regular	11.11.	FASCIAS & BARGE BOARDS:		13.12.2.	Fixing	As indicated o
	9.5.1.1. Polyolefin film <i>SANS</i> 952 type B* 9.5.1.2. Bituminous felt <i>SANS</i> 248		11.11. 1. MATERIAL			13.12.2.1.	Cut, join, lap a concealed gutters and v
	Apply as and where indicated on drawings		11.11.1.1. Fibre-cement sheets SANS 803 11.11.1.2. Type: High density 11.11.1.3. Size: See drawings			13.12.2.2. \	Fix flashings t with a 20 mm hook;
	Mortar class if not II: I		11.11.2. FIXING	between;		13.12.2.3.	Fix flashings a 13.12.2.4.
	Face work jointing: Flush Face work pointing: Flush Bond for collar jointed (double leaf), diaphragm and cavity walls:		11.11.2.1. Drill, countersunk and screw sheets at 750 mm maximum centre with 5 mm diameter x 50 mm cadmium plated screws	line of ha	sning turn	-up, 13.13.2.5.	and use hook of flashing Fix counter-fla
•	9.6.4.1. Stretcher bond : General construction 9.6.4.2. English garden wall bond:(header course every fifth course):		11.11.2.2. Screw fascias and barge boards to purlins, tilting battens or verge battens, and into ends of	in		F	place with short rolls of (
	Feature wall to stairs 9.6.4.3. Stacked/Broken Bond: Window sub and superstructure		root beams; in case of purlins, build stub beams into gable walls between purlins to carry verge battens 11.11.2.3. Cover end points & joints of boards with 50 mm girth	clamps		13.13.2.6.	Fix and seal fl
	9.6.4.5. Exterior Face brick skin only.		x 0.5 mm thick H-profile galvanized sheet metal				
	9.6.4.6. Reference panels: not required		cover strips.		13.12.3.		Valley lininger
	9.6.4.6. Reference panels: not required Position of control and articulation joints: indicated on drawings and details	12.	cover strips.		13.12.3.	Linings 13.13.3.1.	Valley linings: steep slopes, or with roll 225 mm minimum; disch
	9.6.4.6. Reference panels: not required Position of control and articulation joints: indicated on drawings and details Degree of accuracy if not II: I Frequency of testing strength mortar if not default: Every 50m <sup>3</sup>	<b>12.</b> Applica SANS 2	STRUCTURAL STEELWORK ble standard 001-CS1 Construction Works: Structural steelwork: See Structural drawings Specification	14	(2020.00	Linings 13.13.3.1.	Valley linings: steep slopes, or with roll 225 mm minimum; disch gutters.
	<ul> <li>9.6.4.6. Reference panels: not required</li> <li>Position of control and articulation joints: indicated on drawings and details</li> <li>Degree of accuracy if not II: I</li> <li>Frequency of testing strength mortar if not default: Every 50m<sup>3</sup></li> <li>ADDITIONAL CLAUSES:</li> <li>In the case of clay facing units, obtain from the manufacturer/supplier</li> <li>accement on the following in writing:</li> </ul>	12. Applica SANS 2 DEFER 12 1	STRUCTURAL STEELWORK	14. <b>15</b> .	(open sp	Linings 13.13.3.1.	Valley linings: steep slopes, or with roll 225 mm minimum; disch gutters. ding new text)
	<ul> <li>9.6.4.6. Reference panels: not required</li> <li>Position of control and articulation joints: indicated on drawings and details</li> <li>Degree of accuracy if not II: I</li> <li>Frequency of testing strength mortar if not default: Every 50m<sup>3</sup></li> <li>ADDITIONAL CLAUSES:</li> <li>In the case of clay facing units, obtain from the manufacturer/supplier</li> <li>agreement on the following in writing:</li> <li>The required application e.g. type of building, finish etc.;</li> <li>The degree of exposure to weather conditions; Closeness to the sea etc.;</li> </ul>	12. Applica SANS 2 DEFER 12.1	STRUCTURAL STEELWORK         Solution Works: Structural steelwork: See Structural drawings Specification         TO STRUCTURAL SPECIFICATION IN ALL CASES         SUNDRY STEELWORK         12.1.1       Hot-rolled weldable structural steel: Grade 350W SANS 1431         12.1.2       Cold-formed structural steel: Commercial quality steel	14. <b>15.</b>	(open sp <u>WATER</u> INVOKEI	Linings 13.13.3.1.	Valley linings: steep slopes, or with roll 225 mm minimum; disch gutters. ding new text)
•	<ul> <li>9.6.4.6. Reference panels: not required</li> <li>Position of control and articulation joints: indicated on drawings and details</li> <li>Degree of accuracy if not II: I</li> <li>Frequency of testing strength mortar if not default: Every 50m<sup>3</sup></li> <li>ADDITIONAL CLAUSES:</li> <li>In the case of clay facing units, obtain from the manufacturer/supplier</li> <li>agreement on the following in writing:</li> <li>The required application e.g. type of building, finish etc.;</li> <li>The degree of exposure to weather conditions; Closeness to the sea etc.;</li> <li>Track record of the preferred brick in the area of the building;</li> <li>An undertaking or warranty that the bricks delivered will be fit for purpose;</li> <li>Colour expectations in the case of face bricks:</li> </ul>	12. Applica SANS 2 DEFER 12.1	STRUCTURAL STEELWORK         SUDDRY STEELWORK         12.1.1       Hot-rolled weldable structural steel: Grade 350W SANS 1431         12.1.2       Cold-formed structural steel: Commercial quality steel         12.1.3       High tensile steel: Grade 50         STRUCTURAL STEEL TURES SANS 657 PART 1	14. <b>15.</b> film	(open sp <u>WATER</u> INVOKEI SANS 95	Linings 13.13.3.1. 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Valley linings: steep slopes, or with roll 225 mm minimum; disch gutters. ding new text) 2 RDS : Note (supplement to
•	<ul> <li>9.6.4.6. Reference panels: not required</li> <li>Position of control and articulation joints: indicated on drawings and details</li> <li>Degree of accuracy if not II: I</li> <li>Frequency of testing strength mortar if not default: Every 50m<sup>3</sup></li> <li>ADDITIONAL CLAUSES:</li> <li>In the case of clay facing units, obtain from the manufacturer/supplier</li> <li>agreement on the following in writing:</li> <li>The required application e.g. type of building, finish etc.;</li> <li>The degree of exposure to weather conditions; Closeness to the sea etc.;</li> <li>Track record of the preferred brick in the area of the building;</li> <li>An undertaking or warranty that the bricks delivered will be fit for purpose;</li> <li>Colour expectations in the case of face bricks;</li> <li>The acceptable levels of breakage during delivery to site.</li> </ul>	12. Applica SANS 2 DEFER 12.1 12.2.	STRUCTURAL STEELWORK         Nobe standard         001-CS1 Construction Works: Structural steelwork: See Structural drawings Specification         TO STRUCTURAL SPECIFICATION IN ALL CASES         SUNDRY STEELWORK         12.1.1       Hot-rolled weldable structural steel: Grade 350W SANS 1431         12.1.2       Cold-formed structural steel: Commercial quality steel         12.1.3       High tensile steel: Grade 50         STRUCTURAL STEEL TUBES SANS 657 PART 1         12.2.1.       Coating: Galvanizing coating quality B to SANS 32 / Hot Dipped Galvanised to minimum specification of Z275 (HDGASA)	14. <b>15.</b> film	(open sp <u>WATER</u> INVOKEI SANS 95 SANS 10	Linings 13.13.3.1. pace for add PROOFING D STANDA 2 Annex C: 021:	Valley linings: steep slopes, or with roll 225 mm minimum; disch gutters. ding new text) 2 RDS : Note (supplement to The waterproo
•	<ul> <li>9.6.4.6. Reference panels: not required</li> <li>Position of control and articulation joints: indicated on drawings and details Degree of accuracy if not II: I Frequency of testing strength mortar if not default: Every 50m<sup>3</sup></li> <li><b>ADDITIONAL CLAUSES:</b> In the case of clay facing units, obtain from the manufacturer/supplier agreement on the following in writing: The required application e.g. type of building, finish etc.; The degree of exposure to weather conditions; Closeness to the sea etc.; Track record of the preferred brick in the area of the building; An undertaking or warranty that the bricks delivered will be fit for purpose; Colour expectations in the case of face bricks; The acceptable levels of breakage during delivery to site.</li> </ul>	12. Applica SANS 2 DEFER 12.1 12.2.	STRUCTURAL STEELWORK         bble standard         001-CS1 Construction Works: Structural steelwork: See Structural drawings Specification         TO STRUCTURAL SPECIFICATION IN ALL CASES         SUNDRY STEELWORK         12.1.1       Hot-rolled weldable structural steel: Grade 350W SANS 1431         12.2.2       Cold-formed structural steel: Commercial quality steel         12.1.3       High tensile steel: Grade 50         STRUCTURAL STEEL TUBES SANS 657 PART 1         12.2.1       Coating: Galvanizing coating quality B to SANS 32 / Hot Dipped Galvanised to minimum specification of Z275 (HDGASA)         12.2.2       Grade: See drawings         12.2.3       Size, profile and wall thickness: See drawings	14. 15. film 15.1.	(open sp <u>WATER</u> INVOKEI SANS 95 SANS 10 WATERF 15.1.1.	Linings 13.13.3.1. 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Valley linings: steep slopes, or with roll 225 mm minimum; disch gutters. ding new text) 2 RDS : Note (supplement to The waterproof Waterproofing material f membrane similar as pe
ent:	<ul> <li>9.6.4.6. Reference panels: not required</li> <li>Position of control and articulation joints: indicated on drawings and details Degree of accuracy if not II: I Frequency of testing strength mortar if not default: Every 50m<sup>3</sup></li> <li>ADDITIONAL CLAUSES: In the case of clay facing units, obtain from the manufacturer/supplier agreement on the following in writing: The required application e.g. type of building, finish etc.; The degree of exposure to weather conditions; Closeness to the sea etc.; Track record of the preferred brick in the area of the building; An undertaking or warranty that the bricks delivered will be fit for purpose; Colour expectations in the case of face bricks; The acceptable levels of breakage during delivery to site.</li> <li>PLASTERING: t: Use common portland cement complying with SANS 5-197-1 32,5 kN Type composition and strength to be displayed on bag or delivery slip.</li> </ul>	12. Applica SANS 2 DEFER 12.1 12.2. 12.2.	STRUCTURAL STEEL WORK         Whe standard         1001-CS1 Construction Works: Structural steelwork: See Structural drawings Specification         TO STRUCTURAL SPECIFICATION IN ALL CASES         SUNDRY STEELWORK         12.1.1       Hot-rolled weldable structural steel: Grade 350W SANS 1431         12.1.2       Cold-formed structural steel: Commercial quality steel         12.1.3       High tensile steel: Grade 50         STRUCTURAL STEEL TUBES SANS 657 PART 1         12.2.1       Coating: Galvanizing coating quality B to SANS 32 / Hot Dipped Galvanised to minimum specification of Z275 (HDGASA)         12.2.2       Grade: See drawings         12.2.3       Size, profile and wall thickness: See drawings         STEEL TUBES FOR FURNITURE SANS 657 PART 4         12.3.1       Material and grade: Stainless steel class A type 1 / 2, grade 304	14. 15. film 15.1.	(open sp <u>WATER</u> INVOKEI SANS 95 SANS 10 WATERF 15.1.1.	Linings 13.13.3.1. 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Valley linings: steep slopes, or with roll 225 mm minimum; disch gutters. ding new text) 2 RDS : Note (supplement to The waterproof Waterproofing material f membrane similar as pe guarantee of 10 years
ent:	<ul> <li>9.6.4.6. Reference panels: not required</li> <li>Position of control and articulation joints: indicated on drawings and details Degree of accuracy if not II: I Frequency of testing strength mortar if not default: Every 50m<sup>3</sup></li> <li>ADDITIONAL CLAUSES: In the case of clay facing units, obtain from the manufacturer/supplier agreement on the following in writing: The required application e.g. type of building, finish etc.; The degree of exposure to weather conditions; Closeness to the sea etc.; Track record of the preferred brick in the area of the building; An undertaking or warranty that the bricks delivered will be fit for purpose; Colour expectations in the case of face bricks; The acceptable levels of breakage during delivery to site.</li> <li>t: Use common portland cement complying with SANS 5-197-1 32,5 kN Type composition and strength to be displayed on bag or delivery slip. Keep bagged cement in a dry store, use old cement first, rejects clumped cement.</li> </ul>	12. Applica SANS 2 DEFER 12.1 12.2. 12.3.	<ul> <li>STRUCTURAL STEEL WORK</li> <li>bble standard</li> <li>b001-CS1 Construction Works: Structural steelwork: See Structural drawings Specification</li> <li>TO STRUCTURAL SPECIFICATION IN ALL CASES</li> <li>SUNDRY STEELWORK</li> <li>12.1.1 Hot-rolled weldable structural steel: Grade 350W SANS 1431</li> <li>12.1.2 Cold-formed structural steel: Commercial quality steel</li> <li>12.1.3 High tensile steel: Grade 50</li> <li>STRUCTURAL STEEL TUBES SANS 657 PART 1</li> <li>12.2.1. Coating: Galvanizing coating quality B to SANS 32 / Hot Dipped Galvanised to minimum specification of Z275 (HDGASA)</li> <li>12.2.2. Grade: See drawings</li> <li>12.2.3. Size, profile and wall thickness: See drawings</li> <li>STEEL TUBES FOR FURNITURE SANS 657 PART 4</li> <li>12.3.1. Material and grade: Stainless steel class A type 1 / 2, grade 304</li> <li>12.3.3. Stainless steel finish: milled</li> </ul>	14. 15. film 15.1.	(open sp <u>WATER</u> INVOKEI SANS 95 SANS 10 WATERF 15.1.1.	Linings 13.13.3.1. 2 2 2 2 2 2 2 2 2 2 2 2 2 2 3 2 3	Valley linings: steep slopes, or with roll 225 mm minimum; disch gutters. ding new text) 2 RDS : Note (supplement to The waterproof Waterproofing material f membrane similar as pe guarantee of 10 years and application: Polymer modified bitume consisting of a polyester
	<ul> <li>9.6.4.6. Reference panels: not required</li> <li>Position of control and articulation joints: indicated on drawings and details Degree of accuracy if not II: I Frequency of testing strength mortar if not default: Every 50m<sup>3</sup></li> <li><b>ADDITIONAL CLAUSES:</b> In the case of clay facing units, obtain from the manufacturer/supplier agreement on the following in writing: The required application e.g. type of building, finish etc.; The degree of exposure to weather conditions; Closeness to the sea etc.; Track record of the preferred brick in the area of the building; An undertaking or warranty that the bricks delivered will be fit for purpose; Colour expectations in the case of face bricks; The acceptable levels of breakage during delivery to site.</li> <li><b>PLASTERING:</b></li> <li><b>t</b>: Use common portland cement complying with SANS 5-197-1 32,5 kN Type composition and strength to be displayed on bag or delivery slip. Keep bagged cement in a dry store, use old cement first, rejects clumped cement.</li> <li>Use only Natural sand for plastering to comply with SANS 1090. Fineness modulus: Between 1,18 -2,36mm for 70-90% of aggregates</li> </ul>	12. Applica SANS 2 DEFER 12.1 12.2. 12.3. 12.4.	STRUCTURAL STEEL WORK         bible standard         0001-CS1 Construction Works: Structural steelwork: See Structural drawings Specification         TO STRUCTURAL SPECIFICATION IN ALL CASES         SUNDRY STEELWORK         12.1.1       Hot-rolled weldable structural steel: Grade 350W SANS 1431         12.2.2       Cold-formed structural steel: Commercial quality steel         12.1.3       High tensile steel: Grade 50         STRUCTURAL STEEL TUBES SANS 657 PART 1         12.2.1.       Coating: Galvanizing coating quality B to SANS 32 / Hot Dipped Galvanised to minimum specification of Z275 (HDGASA)         12.2.2.       Grade: See drawings         12.2.3.       Size, profile and wall thickness: See drawings         12.3.1       Material and grade: Stainless steel class A type 1 / 2, grade 304         12.3.2       Size and wall thickness: see drawings         12.3.3       Stainless steel finish: milled         TEST CERTIFICATES       Present supplier's test certificates when requested.	14. 15. film 15.1.	(open sp <u>WATER</u> INVOKEI SANS 95 SANS 10 WATERF 15.1.1. 15.1.2.	Linings 13.13.3.1. pace for add PROOFING D STANDAI 2 Annex C: 021: PROOFING Type: Material a 15.1.2.1. I	Valley linings: steep slopes, or with roll 225 mm minimum; disch gutters. ding new text) 2 RDS : Note (supplement to The waterproof Waterproofing material f membrane similar as pe guarantee of 10 years and application: Polymer modified bitume consisting of a polyester modified bitumen type S rubber modified bitumen laver for evenest durities
ent:	<ul> <li>9.6.4.6. Reference panels: not required</li> <li>Position of control and articulation joints: indicated on drawings and details Degree of accuracy if not II: 1 Frequency of testing strength mortar if not default: Every 50m<sup>3</sup></li> <li>ADDITIONAL CLAUSES: In the case of clay facing units, obtain from the manufacturer/supplier agreement on the following in writing: The required application e.g. type of building, finish etc.; The degree of exposure to weather conditions; Closeness to the sea etc.; Track record of the preferred brick in the area of the building; An undertaking or warranty that the bricks delivered will be fit for purpose; Colour expectations in the case of face bricks; The acceptable levels of breakage during delivery to site.</li> <li>PLASTERING:</li> <li>t: Use common portland cement complying with SANS 5-197-1 32,5 kN Type composition and strength to be displayed on bag or delivery slip. Keep bagged cement in a dry store, use old cement first, rejects clumped cement.</li> <li>Use only Natural sand for plastering to comply with SANS 1090. Fineness modulus: Between 1,18 -2,36mm for 70-90% of aggregates Dust component of maximum 2,5% Clay component of maximum 2,5%</li> </ul>	12. Applica SANS 2 DEFER 12.1 12.2. 12.3. 12.4. 12.5.	<ul> <li>STRUCTURAL STEEL WORK</li> <li>Ible standard</li> <li>Ible</li></ul>	14. 15. film 15.1.	(open sp <u>WATER</u> INVOKEI SANS 95 SANS 10 WATERF 15.1.1. 15.1.2.	Linings 13.13.3.1. pace for ada proofing D STANDA 2 Annex C: 021: PROOFING Type: Material a 15.1.2.1. I	Valley linings: steep slopes, or with roll 225 mm minimum; disch gutters. ding new text) 2 RDS : Note (supplement to The waterproof Waterproofing material f membrane similar as pe guarantee of 10 years and application: Polymer modified bitume consisting of a polyester modified bitumen type S rubber modified bitumen layer for exposed surfac applications where shee paving, tiles etc. or as re
ent:	<ul> <li>9.6.4.6. Reference panels: not required</li> <li>Position of control and articulation joints: indicated on drawings and details</li> <li>Degree of accuracy if not II:1</li> <li>Frequency of testing strength mortar if not default: Every 50m<sup>3</sup></li> <li><b>ADDITIONAL CLAUSES:</b> In the case of clay facing units, obtain from the manufacturer/supplier agreement on the following in writing: The required application e.g. type of building, finish etc.; The degree of exposure to weather conditions; Closeness to the sea etc.; Track record of the preferred brick in the area of the building; An undertaking or warranty that the bricks delivered will be fit for purpose; Colour expectations in the case of face bricks; The acceptable levels of breakage during delivery to site. </li> <li><b>PLASTERING: t</b>: Use common portland cement complying with SANS 5-197-1 32,5 kN Type composition and strength to be displayed on bag or delivery slip. Keep bagged cement in a dry store, use old cement first, rejects clumped cement. Use only Natural sand for plastering to comply with SANS 1090. Fineness modulus: Between 1,18 -2,36mm for 70-90% of aggregates Dust component of maximum 7,5% Clay component of maximum 7,5% Sand must be free of all organic material. Display grading of sand clearly on delivery slip, Grading certificate will be required.</li></ul>	12. Applica SANS 2 DEFER 12.1 12.2. 12.3. 12.4. 12.5.	<ul> <li>STRUCTURAL STEEL WORK</li> <li>bble standard</li> <li>b01-CS1 Construction Works: Structural steelwork: See Structural drawings Specification</li> <li>TO STRUCTURAL SPECIFICATION IN ALL CASES</li> <li>SUNDRY STEELWORK</li> <li>12.1.1 Hot-rolled weldable structural steel: Grade 350W SANS 1431</li> <li>12.2. Cold-formed structural steel: Commercial quality steel</li> <li>12.1.3 High tensile steel: Grade 50</li> <li>STRUCTURAL STEEL TUBES SANS 657 PART 1</li> <li>12.2.1. Coating: Galvanizing coating quality B to SANS 32 / Hot Dipped Galvanised to minimum specification of Z275 (HDGASA)</li> <li>12.2.2. Grade: See drawings</li> <li>12.2.3. Size, profile and wall thickness: See drawings</li> <li>STEEL TUBES FOR FURNITURE SANS 657 PART 4</li> <li>12.3.1. Material and grade: Stainless steel class A type 1 / 2, grade 304</li> <li>12.3.2. Size and wall thickness: see drawings</li> <li>12.3.3. Stainless steel finish: milled</li> <li>TEST CERTIFICATES</li> <li>Present supplier's test certificates when requested.</li> <li>SHOP DRAWINGS</li> <li>12.5.1. Arrange to have shop drawings prepared and submit for approval before any work is put in hand</li> <li>12.5.2. Allow Principal Agent to inspect steelwork at steel fabricator's works.</li> </ul>	14. 15. film 15.1.	(open sp <u>WATER</u> INVOKEI SANS 10 WATERF 15.1.1. 15.1.2.	Linings 13.13.3.1. pace for ada proofing D STANDA D STANDA 2 Annex C: 021: PROOFING Type: Material a 15.1.2.1. I	Valley linings: steep slopes, or with roll 225 mm minimum; disch gutters. ding new text) 2 RDS : Note (supplement to The waterproof Waterproofing material f membrane similar as pe guarantee of 10 years and application: Polymer modified bitumen consisting of a polyester modified bitumen type S rubber modified bitumen layer for exposed surfac applications where shee paving, tiles etc, or as re manufacturer; seal laps overlaps De inferent to
	<ul> <li>9.6.4.6. Reference panels: not required</li> <li>Position of control and articulation joints: indicated on drawings and details Degree of accuracy if not II: 1</li> <li>Frequency of testing strength mortar if not default: Every 50m<sup>3</sup></li> <li><b>ADDITIONAL CLAUSES:</b></li> <li>In the case of clay facing units, obtain from the manufacturer/supplier agreement on the following in writing: The required application e.g. type of building, finish etc.; The degree of exposure to weather conditions; Closeness to the sea etc.; Track record of the preferred brick in the area of the building; An undertaking or warranty that the bricks delivered will be fit for purpose; Colour expectations in the case of face bricks; The acceptable levels of breakage during delivery to site.</li> <li><b>PLASTERING:</b></li> <li><b>t:</b> Use common portland cement complying with SANS 5-197-1 32,5 kN Type composition and strength to be displayed on bag or delivery slip. Keep bagged cement in a dry store, use old cement first, rejects clumped cement.</li> <li>Use only Natural sand for plastering to comply with SANS 1090. Fineness modulus: Between 1,18 -2,36mm for 70-90% of aggregates Dust component of maximum 2,5% Sand must be free of all organic material. Display grading of sand clearly on delivery slip, Grading certificate will be required.</li> </ul>	12. Applica SANS 2 DEFER 12.1 12.2. 12.3. 12.4. 12.5. 12.6.	<ul> <li>STRUCTURAL STEEL WORK</li> <li>BODD CS1 Construction Works: Structural steelwork: See Structural drawings Specification TO STRUCTURAL SPECIFICATION IN ALL CASES</li> <li>SUNDRY STEEL WORK</li> <li>12.1.1 Hot-rolled weldable structural steel: Grade 350W SANS 1431</li> <li>12.1.2 Cold-formed structural steel: Commercial quality steel</li> <li>12.1.3 High tensile steel: Grade 50</li> <li>STRUCTURAL STEEL TUBES SANS 657 PART 1</li> <li>12.2.1 Coating: Galvanizing coating quality B to SANS 32 / Hot Dipped Galvanised to minimum specification of Z275 (HDGASA)</li> <li>12.2.2 Grade: See drawings</li> <li>12.2.3 Size, profile and wall thickness: See drawings</li> <li>STEEL TUBES FOR FURNITURE SANS 657 PART 4</li> <li>12.3.1 Material and grade: Stainless steel class A type 1 / 2, grade 304</li> <li>12.3.3 Stainless steel finish: milled</li> <li>TEST CERTIFICATES</li> <li>Present supplier's test certificates when requested.</li> <li>SHOP DRAWINGS</li> <li>12.5.1 Arrange to have shop drawings prepared and submit for approval before any work is put in hand</li> <li>12.5.2 Allow Principal Agent to inspect steelwork at steel fabricator's works.</li> <li>WELDING</li> <li>12.6.1 All visible welds continuous: crind smooth</li> </ul>	14. 15. film 15.1.	(open sp <u>WATER</u> INVOKEI SANS 10 WATERF 15.1.1. 15.1.2.	Linings 13.13.3.1. pace for add PROOFING D STANDA 2 Annex C: 021: PROOFING Type: Material a 15.1.2.1. I	Valley linings: steep slopes, or with roll 225 mm minimum; disch gutters. ding new text) 2 RDS : Note (supplement to The waterproof Waterproofing material f membrane similar as pe guarantee of 10 years and application: Polymer modified bitumen consisting of a polyester modified bitumen type S rubber modified bitumen layer for exposed surfac applications where shee paving, tiles etc, or as re manufacturer; seal laps overlaps Re-inforced liquid acrylic waterproofing compound rubberised bitumen. re-in
	<ul> <li>9.6.4.6. Reference panels: not required</li> <li>Position of control and articulation joints: indicated on drawings and details Degree of accuracy if not II: 1</li> <li>Frequency of testing strength mortar if not default: Every 50m<sup>3</sup></li> <li><b>ADDITIONAL CLAUSES:</b> In the case of clay facing units, obtain from the manufacturer/supplier agreement on the following in writing: The required application e.g. type of building, finish etc.; The degree of exposure to weather conditions; Closeness to the sea etc.; Track record of the preferred brick in the area of the building; An undertaking or warranty that the bricks delivered will be fit for purpose; Colour expectations in the case of face bricks; The acceptable levels of breakage during delivery to site. </li> <li><b>PLASTERING:</b></li> <li><b>t:</b> Use common portland cement complying with SANS 5-197-1 32,5 kN Type composition and strength to be displayed on bag or delivery slip. Keep bagged cement in a dry store, use old cement first, rejects clumped cement. Use only Natural sand for plastering to comply with SANS 1090. Fineness modulus: Between 1,18 -2,36mm for 70-90% of aggregates Dust component of maximum 7,5% Clay component of maximum 2,5% Sand must be free of all organic material. Display grading of sand clearly on delivery slip, Grading certificate will be required. Plaster to ratio 1:6 (Cement : Sand) to walls. twalls before application. ne to sand mix to improve workability should it be required. sible deviation on accuracy would be 6mm under a 2m straight edge, in any direction</li></ul>	<ul> <li>12.</li> <li>Applica SANS 2 DEFER</li> <li>12.1</li> <li>12.2.</li> <li>12.3.</li> <li>12.4.</li> <li>12.5.</li> <li>12.6.</li> </ul>	<ul> <li>A cover strips.</li> <li>STRUCTURAL STEEL WORK</li> <li>Moto SSI Construction Works: Structural steelwork: See Structural drawings Specification TO STRUCTURAL SPECIFICATION IN ALL CASES</li> <li>SUNDRY STEELWORK</li> <li>12.1.1 Hot-rolled weldable structural steel: Grade 350W SANS 1431</li> <li>12.2.2 Cold-formed structural steel: Commercial quality steel</li> <li>12.3.3 High tensile steel: Grade 50</li> <li>STRUCTURAL STEEL TUBES SANS 657 PART 1</li> <li>12.2.1. Coating: Galvanizing coating quality B to SANS 32 / Hot Dipped Galvanised to minimum specification of Z275 (HDGASA)</li> <li>12.2.2. Grade: See drawings</li> <li>12.3.3 Size, profile and wall thickness: See drawings</li> <li>12.3.3 Size, profile and wall thickness: See drawings</li> <li>12.3.3 Stainless steel finish: milled</li> <li>TEST CERTIFICATES</li> <li>Present supplier's test certificates when requested.</li> <li>Stop DRAWINGS</li> <li>12.5.1. Arrange to have shop drawings prepared and submit for approval before any work is put in hand</li> <li>12.5.2. Allow Principal Agent to inspect steelwork at steel fabricator's works.</li> <li>WELDING</li> <li>12.6.1 All visible welds continuous; grind smooth</li> <li>12.6.2. Dress all cut edges and holes to remove dross, burrs and irregularities.</li> </ul>	14. 15. film 15.1.	(open sp <u>WATER</u> INVOKEI SANS 10 WATERF 15.1.1. 15.1.2.	Linings 13.13.3.1. pace for ada PROOFING D STANDA 2 Annex C: 021: PROOFING Type: Material a 15.1.2.1.   1 1 1 1 1 1 1 1 1 1 1 1 1	Valley linings: steep slopes, or with roll 225 mm minimum; disch gutters. ding new text) 2 RDS (supplement to The waterproof Waterproofing material f membrane similar as pe guarantee of 10 years and application: Polymer modified bitumen consisting of a polyester modified bitumen type S rubber modified bitumen layer for exposed surfac applications where shee paving, tiles etc, or as re manufacturer; seal laps overlaps Re-inforced liquid acrylic waterproofing compound rubberised bitumen, re-in needle-punched polyest fabric with a mass of 129
	<ul> <li>9.6.4.6. Reference panels: not required</li> <li>Position of control and articulation joints: indicated on drawings and details Degree of accuracy if not II: 1 Frequency of testing strength mortar if not default: Every 50m<sup>3</sup></li> <li><b>ADDITIONAL CLAUSES:</b> In the case of clay facing units, obtain from the manufacturer/supplier agreement on the following in writing: The required application e.g. type of building, finish etc.; The degree of exposure to weather conditions; Closeness to the sea etc.; Track record of the preferred brick in the area of the building; An undertaking or warranty that the bricks delivered will be fit for purpose; Colour expectations in the case of face bricks; The acceptable levels of breakage during delivery to site. </li> <li><b>PLASTERING: t</b>: Use common portland cement complying with SANS 5-197-1 32,5 kN Type composition and strength to be displayed on bag or delivery slip. Keep bagged cement in a dry store, use old cement first, rejects clumped cement. Use only Natural sand for plastering to comply with SANS 1090. Fineness modulus: Between 1, 18 -2,36mm for 70-90% of aggregates Dust component of maximum 7,5% Sand must be free of all organic material. Display grading of sand clearly on delivery slip, Grading certificate will be required. <b>Plaster to ratio 1:6 (Cement : Sand) to walls. walls before application acture of workability should it be required. structure timeset structure timeset Structure timeset structure timeset the to sand mix to improve workability should it be required. structure timeset structure timeset structure timeset structure timeset tructure tim</b></li></ul>	<ol> <li>Applica SANS 2 DEFER</li> <li>12.1</li> <li>12.2.</li> <li>12.3.</li> <li>12.4.</li> <li>12.5.</li> <li>12.6.</li> <li>12.7.</li> </ol>	<ul> <li>STRUCTURAL STEEL WORK</li> <li>bile standard</li> <li>001-CS1 Construction Works: Structural steelwork: See Structural drawings Specification</li> <li>TO STRUCTURAL SPECIFICATION IN ALL CASES</li> <li>SUNDRY STEELWORK</li> <li>12.1.1 Hot-rolled weldable structural steel: Grade 350W SANS 1431</li> <li>12.2.2 Cold-formed structural steel: Commercial quality steel</li> <li>12.1.3 High tensile steel: Grade 50</li> <li>STRUCTURAL STEEL TUBES SANS 657 PART 1</li> <li>12.2.1. Coating: Galvanizing coating quality B to SANS 32 / Hot Dipped Galvanised to minimum specification of 2275 (HDGASA)</li> <li>12.2.3. Size, profile and wall thickness: See drawings</li> <li>STEEL TUBES FOR FURNITURE SANS 657 PART 4</li> <li>12.3.1. Material and grade: Stainless steel class A type 1 / 2, grade 304</li> <li>12.3.2. Size and wall thickness: see drawings</li> <li>12.3.3. Stainless steel finish: milled</li> <li>TEST CERTIFICATES</li> <li>Present supplier's test certificates when requested.</li> <li>SMOP DRAWINGS</li> <li>12.5.2. Allow Principal Agent to inspect steelwork at steel fabricator's works.</li> <li>WELDING</li> <li>12.6.1. All visible welds continuous; grind smooth</li> <li>12.6.2. Dress all cut edges and holes to remove dross, burrs and irregularities.</li> <li>PREPAINTING</li> <li>12.4.1. Prepare steel surfaces for priming by brushing and blast cleaning SANS 1405</li> </ul>	14. 15. film 15.1.	(open sp <u>WATER</u> INVOKEI SANS 10 WATERF 15.1.1. 15.1.2.	Linings 13.13.3.1. pace for ada <b>PROOFING</b> D STANDA 2 Annex C: 021: <b>PROOFING</b> Type: Material a 15.1.2.1. [ 15.1.2.2. ]	Valley linings: steep slopes, or with roll 225 mm minimum; disch gutters. ding new text) 2 RDS : Note (supplement to The waterproof Waterproofing material f membrane similar as pe guarantee of 10 years and application: Polymer modified bitumen guarantee of 10 years and application: Polymer modified bitumen topsisting of a polyester modified bitumen type S rubber modified bitumen layer for exposed surfac applications where shee paving, tiles etc, or as re manufacturer; seal laps overlaps Re-inforced liquid acrylic waterproofing compound rubberised bitumen, re-in needle-punched polyest fabric with a mass of 129 coats, i.e. primer, bed co top coats, or according t
	<ul> <li>9.6.4.6. Reference panels: not required</li> <li>Position of control and articulation joints: indicated on drawings and details Degree of accuracy if not II: 1 Frequency of testing strength mortar if not default: Every 50m<sup>3</sup></li> <li><b>ADITIONAL CLAUSES:</b> In the case of clay facing units, obtain from the manufacturer/supplier agreement on the following in writing: The required application e.g. type of building, finish etc.; The degree of exposure to weather conditions; Closeness to the sea etc.; Track record of the preferred brick in the area of the building; An undertaking or warranty that the bricks delivered will be fit for purpose; Colour expectations in the case of face bricks; The acceptable levels of breakage during delivery to site.</li> <li><b>PLASTERING:</b></li> <li><b>t:</b> Use common portland cement complying with SANS 5-197-1 32,5 kN Type composition and strength to be displayed on bag or delivery slip. Keep bagged cement in a dry store, use old cement first, rejects clumped cement.</li> <li><b>Use</b> only Natural sand for plastering to comply with SANS 1090. Fineness modulus: Between 1,18 -2,36mm for 70-90% of aggregates Dust component of maximum 2,5% Sand must be free of all organic material. Display grading of sand clearly on delivery slip, Grading certificate will be required.</li> <li>Plaster to ratio 1:6 (Cement : Sand) to walls. wealts before application.</li> <li>ne to sand mix to improve workability should it be required.</li> <li>sible deviation on accuracy would be 6mm under a 2m straight edge, in any direction</li> <li><b>STRUCTURAL TIMBER</b></li> <li><b>INYOKED STANDARDS:</b> SANS 10243 The Design, Manufacture and Erection of Timber Trusses.</li> </ul>	<ol> <li>Applica SANS 2 DEFER</li> <li>12.1</li> <li>12.2.</li> <li>12.3.</li> <li>12.4.</li> <li>12.5.</li> <li>12.6.</li> <li>12.7.</li> </ol>	<ul> <li>STRUCTURAL STEEL WORK</li> <li>bile standard</li> <li>001-CS1 Construction Works: Structural steelwork: See Structural drawings Specification</li> <li>TO STRUCTURAL SPECIFICATION IN ALL CASES</li> <li>SUNDRY STEELWORK</li> <li>21.1 Hot-rolled weldable structural steel: Grade 350W SANS 1431</li> <li>12.2 Cold-formed structural steel: Commercial quality steel</li> <li>12.1.3 High tensile steel: Grade 50</li> <li>STRUCTURAL STEEL TUBES SANS 657 PART 1</li> <li>12.2.1 Coating: Galvanized to minimum specification of Z275 (HDGASA)</li> <li>12.2.2. Grade: See drawings</li> <li>12.2.3. Size, profile and wall thickness: See drawings</li> <li>STEEL TUBES FOR FURNITURE SANS 657 PART 4</li> <li>12.3.3. Stainless steel finish: milled</li> <li>TEST CERTIFICATES</li> <li>Present supplier's test certificates when requested.</li> <li>SHOP DRAWINGS</li> <li>12.5.1. Arrange to have shop drawings prepared and submit for approval before any work is put in hand</li> <li>12.5.2. Allow Principal Agent to inspect steelwork at steel fabricator's works.</li> <li>WEDING</li> <li>12.6.1. All visible welds continuous; grind smooth</li> <li>12.6.2. Dress all cut edges and holes to remove dross, burrs and irregularities.</li> <li>PREPAINTING</li> <li>12.7.1. Prepare steel surfaces for priming by brushing and blast cleaning SANS 10064.</li> <li>12.7.2. Corrosion protection of structural steel by paint or varnish SANS 12944, including supervision and execution of paint work in</li> </ul>	14. 15. film 15.1.	(open sp <u>WATER</u> INVOKEI SANS 10 WATERF 15.1.1. 15.1.2.	Linings 13.13.3.1. pace for ada <b>PROOFING</b> D STANDA D STANDA 2 Annex C: 021: PROOFING Type: 15.1.2.1. [ 15.1.2.2. ] 15.1.2.3. [ 15.1.2.3. ]	Valley linings: steep slopes, or with roll 225 mm minimum; disch gutters. ding new text) 2 RDS : Note (supplement to The waterproof Waterproofing material f membrane similar as pe guarantee of 10 years ind application: Polymer modified bitumen consisting of a polyester modified bitumen type S rubber modified bitumen layer for exposed surfac applications where shee paving, tiles etc, or as re manufacturer; seal laps overlaps Re-inforced liquid acrylic waterproofing compound rubberised bitumen, re-in needle-punched polyest fabric with a mass of 125 coats, i.e. primer, bed co top coats, or according to / see drawings Polyolefin sheet waterpro 0,375mm, applied in one and ising a constraint of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section o
	<ul> <li>9.6.4.6. Reference panels: not required</li> <li>Position of control and articulation joints: indicated on drawings and details Degree of accuracy if not 11:1 Frequency of testing strength mortar if not default: Every 50m<sup>3</sup></li> <li>ADDITIONAL CLAUSES: In the case of clay facing units, obtain from the manufacturer/supplier agreement on the following in writing: The required application e.g. type of building, finish etc.; The degree of exposure to weather conditions; Closeness to the sea etc.; Track record of the preferred brick in the area of the building; An undertaking or warranty that the bricks delivered will be fit for purpose; Colour expectations in the case of face bricks; The acceptable levels of breakage during delivery to site.</li> <li>PLASTERING:</li> <li>t: Use common portland cement complying with SANS 5-197-1 32,5 kN Type composition and strength to be displayed on bag or delivery slip. Keep bagged cement in a dry store, use old cement first, rejects clumped cement.</li> <li>Use only Natural sand for plastering to comply with SANS 1090. Fineness modulus: Between 1,18 -2,36mm for 70-90% of aggregates Dust component of maximum 7,5% Clay component of maximum 2,5% Sand must be free of all organic material. Display grading of sand clearly on delivery slip, Grading certificate will be required.</li> <li>Paster to ratio 1:6 (Cement : Sand) to walls. twalls before application.</li> <li>Paster to ratio 1:6 (Cement : Sand) to walls. twalls before application.</li> <li>Pos and mix to improve workability should it be required. sible deviation on accuracy would be 6mm under a 2m straight edge, in any direction</li> <li>STRUCTURAL TIMBER</li> <li>INVOKED STANDARDS: SANS 10243 The Design, Manufacture and Erection of Timber Trusses.</li> <li>11.1.1. Annex B: Quality verification of trusses and</li> </ul>	<ol> <li>Applica SANS 2 DEFER</li> <li>12.1</li> <li>12.2.</li> <li>12.3.</li> <li>12.4.</li> <li>12.5.</li> <li>12.6.</li> <li>12.7.</li> </ol>	<ul> <li>STRUCTURAL STEELWORK</li> <li>STRUCTURAL STEELWORK</li> <li>Solor CS1 Construction Works: Structural steelwork: See Structural drawings Specification</li> <li>TO STRUCTURAL SPECIFICATION IN ALL CASES</li> <li>SUNDRY STEELWORK</li> <li>1.1 Hot-rolled weldable structural steel: Grade 350W SANS 1431</li> <li>1.2.2. Cold-formed structural steel: Commercial quality steel</li> <li>1.3. High tensile steel: Grade 50</li> <li>STRUCTURAL STEEL TUBES SANS 657 PART 1</li> <li>1.2.1. Coating: Galvanizing coating quality B to SANS 32 / Hot Dipped Galvanised to minimum specification of Z275 (HDGASA)</li> <li>1.2.2. Grade: See drawings</li> <li>1.2.3. Size, profile and wall thickness: See drawings</li> <li>1.2.3. Size, profile and wall thickness: see drawings</li> <li>1.2.3. Size and wall thickness: see drawings</li> <li>1.2.3. Stainless steel finish: milled</li> <li>TEST CERTIFICATES</li> <li>Present supplier's test certificates when requested.</li> <li>SHOP DRAWINGS</li> <li>1.5.2. Allow Principal Agent to inspect steelwork at steel fabricator's works.</li> <li>MEDING</li> <li>1.6.1. All visible welds continuous; grind smooth</li> <li>1.6.2. Dress all cut edges and holes to remove dross, burrs and irregularities.</li> <li>PREPAINTING</li> <li>1.7.1. Prepare steel surfaces for priming by brushing and blast cleaning <i>SANS</i> 12944, including supervision and execution of paint work in the workshop or on site: as agreed.</li> </ul>	14. 15. film 15.1.	(open sp <u>WATER</u> INVOKEI SANS 10 WATERF 15.1.1. 15.1.2.	Linings 13.13.3.1. pace for ada PROOFING D STANDA D STANDA 2 Annex C: 021: PROOFING Type: 15.1.2.1. I 15.1.2.2. I 15.1.2.3. I C 2 C 2 2 2 2 2 2 2 2 2 2 2 2 2	Valley linings: steep slopes, or with roll 225 mm minimum; disch gutters. ding new text) <b>2</b> <b>RDS</b> : Note (supplement to The waterproof Waterproofing material f membrane similar as pe guarantee of 10 years <b>10</b>
	<ul> <li>9.6.4.6. Reference panels: not required</li> <li>Position of control and articulation joints: indicated on drawings and details Degree of accuracy if not II:1</li> <li>Frequency of testing strength mortar if not default: Every 50m<sup>3</sup></li> <li><b>ADDITIONAL CLAUSES:</b> In the case of clay facing units, obtain from the manufacturer/supplier agreement on the following in writing: The required application e.g. type of building, finish etc.; The degree of exposure to weather conditions; Closeness to the sea etc.; Track record of the preferred brick in the area of the building; An undertaking or warranty that the bricks delivered will be fit for purpose; Colour expectations in the case of face bricks; The acceptable levels of breakage during delivery to site. </li> <li><b>PLASTERING: t</b>: Use common portland cement complying with SANS 5-197-1 32,5 kN Type composition and strength to be displayed on bag or delivery slip. Keep bagged cement in a dry store, use old cement first, rejects clumped cement. Use only Natural sand for plastering to comply with SANS 1090. Fineness modulus: Between 1,18 -2,36mm for 70-90% of aggregates Dust component of maximum 7,5% Clay component of maximum 2,5% Sand must be free of all organic material. Display grading of sand clearly on delivery slip, Grading certificate will be required. Plaster to ratio 1.6 (Cement : Sand) to walls. *walls before application. te deviation on accuracy would be 6mm under a 2m straight edge, in any direction <b>STUCTURAL TIMEEP INVOKED STANDARDS:</b> SANS 10243 The Design, Manufacture and Erection of Timber Trusses. <b>1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.</b></li></ul>	<ol> <li>Applica SANS 2 DEFER</li> <li>12.1</li> <li>12.2.</li> <li>12.3.</li> <li>12.4.</li> <li>12.5.</li> <li>12.6.</li> <li>12.7.</li> <li>12.8.</li> </ol>	<ul> <li>STRUCTURAL STEEL WORK</li> <li>STRUCTURAL STEEL WORK</li> <li>bile standard</li> <li>0001-CS1 Construction Works: Structural steelwork: See Structural drawings Specification</li> <li>TO STRUCTURAL SPECIFICATION IN ALL CASES</li> <li>SUNDRY STEELWORK</li> <li>12.1.1 Hot-rolled weldable structural steel: Grade 350W SANS 1431</li> <li>12.1.2 Cold-formed structural steel: Commercial quality steel</li> <li>12.1.3 High tensile steel: Grade 50</li> <li>STRUCTURAL STEEL TUBES SANS 657 PART 1</li> <li>12.2.1. Coating: Galvanizing coating quality B to SANS 32 / Hot Dipped Galvanised to minimum specification of Z275 (HDGASA)</li> <li>12.2.3. Size, profile and wall thickness: See drawings</li> <li>12.3.3. Stainless steel finish: milled</li> <li>STEEL TUBES FOR FURNITURE SANS 657 PART 4</li> <li>12.3.3. Stainless steel finish: milled</li> <li>TEST CERTIFICATES</li> <li>Present supplier's test certificates when requested.</li> <li>SHOP DRAWINGS</li> <li>12.5.1. Arrange to have shop drawings prepared and submit for approval before any work is put in hand</li> <li>12.5.2. Allow Principal Agent to inspect steelwork at steel fabricator's works.</li> <li>WELDING</li> <li>12.6.1. All visible welds continuous; grind smooth</li> <li>12.6.2. Dress all cut edges and holes to remove dross, burrs and irregularities.</li> <li>PEPAINTING</li> <li>12.7.1. Prepare steel surfaces for priming by brushing and blast cleaning SANS 10064.</li> <li>12.7.2. Corrosion protection of structural steel by paint or varnish SANS 10064.</li> <li>12.7.3. For agreed.</li> <li>CALVANIZING</li> <li>12.8.1. Hot dip galvanizing on fabricated iron and steel articles strictly as ber HDGASA</li> </ul>	14. 15. film 15.1.	(open sp <u>WATER</u> INVOKEI SANS 10 WATERF 15.1.1. 15.1.2.	Linings 13.13.3.1. pace for ada PROOFING D STANDA D STANDA 2 Annex C: 021: PROOFING Type: 15.1.2.1. [ 15.1.2.2. ] 15.1.2.3. [ 0 Preparatic 15.1.3.1. 3	Valley linings: steep slopes, or with roll 225 mm minimum; disch gutters. ding new text) 2 RDS : Note (supplement to The waterproof Waterproofing material f membrane similar as pe guarantee of 10 years ind application: Polymer modified bitumen consisting of a polyester modified bitumen type S rubber modified bitumen layer for exposed surfac applications where shee paving, tiles etc, or as re manufacturer; seal laps overlaps Re-inforced liquid acrylic waterproofing compound rubberised bitumen, re-in needle-punched polyest fabric with a mass of 129 coats, i.e. primer, bed co top coats, or according to / see drawings Polyolefin sheet waterpr 0,375mm, applied in one and joints according to r on Screeds: 15.1.3.1.1.
	<ul> <li>9.6.4.6. Reference panels: not required</li> <li>Position of control and articulation joints: indicated on drawings and details Degree of accuracy if not II: 1</li> <li>Frequency of testing strength mortar if not default: Every 50m<sup>3</sup></li> <li><b>ADDITIONAL CLAUSES:</b> In the case of clay facing units, obtain from the manufacturer/supplier agreement on the following in writing: The required application e.g. type of building, finish etc.; The degree of exposure to weather conditions; Closeness to the sea etc.; Track record of the preferred brick in the area of the building; An undertaking or warranty that the bricks delivered will be fit for purpose; Colour expectations in the case of face bricks; The acceptable levels of breakage during delivery to site. </li> <li><b>PLASTERING: t</b>: Use common portland cement complying with SANS 5-197-1 32,5 kN Type composition and strength to be displayed on bag or delivery slip. Keep bagged cement in a dry store, use old cement first, rejects clumped cement. <b>Use only Natural sand for plastering to comply with SANS 1090.</b> Fineness modulus: Between 1,18 -2,36mm for 70-90% of aggregates Dust component of maximum 7,5% Clay component of maximum 7,5% Sand must be free of all organic material. Display grading of sand clearly on delivery slip, Grading certificate will be required. <b>PASET FINCE INOKED STANDARDS:</b> SANS 10243 The Design, Manufacture and Erection of Timber Trusses. <b>11.1.1.2.</b> Annex C: The use of Top Chord Bracing in various Roof configurations; <b>11.1.1.3.</b> Annex D: Alternative erection procedure for roof trusses between gable walls. <b>11.1.1.3.</b> Annex D: The use of Top Chord Bracing in various Roof configurations; <b>11.1.1.3.</b> Annex D: Marranty erection procedure for roof trusses between gable walls.</li></ul>	<ol> <li>Applica SANS 2 DEFER</li> <li>12.1</li> <li>12.2.</li> <li>12.3.</li> <li>12.4.</li> <li>12.5.</li> <li>12.6.</li> <li>12.7.</li> <li>12.8.</li> </ol>	Diver strips.         STRUCTURAL STEEL WORK         bile standard         0001-CS1 Construction Works: Structural steelwork: See Structural drawings Specification         TO STRUCTURAL SPECIFICATION IN ALL CASES         SUNDRY STEELWORK         12.1.1       Hot-rolled weldable structural steel: Grade 350W SANS 1431         12.2.2       Cold-formed structural steel: Commercial quality steel         12.1.3       High tensile steel: Grade 50         STRUCTURAL STEEL TUBES SANS 657 PART 1         12.2.2       Grade: See drawings         12.2.3       Size, profile and wall thickness: See drawings         TEEL TUBES FOR FURNITURE SANS 657 PART 4         12.3.3       Size, profile and wall thickness: See drawings         TEEL TUBES FOR FURNITURE SANS 657 PART 4         12.3.3       Size and wall thickness: see drawings         12.3.3       Stainless steel finish: milled         TEST CERTIFICATES         Present supplier's test certificates when requested.         Stefore any work is put in hand         12.5.2       Allow Principal Agent to inspect steelwork at steel fabricator's works.         WEIDING       12.5.1         12.6.1       All visible welds continuous; grind smooth         12.5.2       Dress all cut edges and holes to remove dross, burrs and irregularities.	14. 15. film 15.1.	(open sp <u>WATER</u> INVOKEI SANS 10 WATERF 15.1.1. 15.1.2.	Linings 13.13.3.1. pace for ada PROOFING D STANDA 2 Annex C: 021: PROOFING Type: 15.1.2.1. f 15.1.2.2. f 15.1.2.3. f () 2 Preparation 15.1.3.1. ()	Valley linings: steep slopes, or with roll 225 mm minimum; disch gutters. ding new text) 2 RDS : Note (supplement to The waterproof Waterproofing material f membrane similar as pe guarantee of 10 years and application: Polymer modified bitumen consisting of a polyester modified bitumen type S rubber modified bitumen layer for exposed surfac applications where shee paving, tiles etc, or as re manufacturer; seal laps overlaps Re-inforced liquid acrylic waterproofing compound rubberised bitumen, re-in needle-punched polyest fabric with a mass of 122 coats, i.e. primer, bed co top coats, or according to / see drawings Polyolefin sheet waterpro 0,375mm, applied in one and joints according to r on Screeds: 15.1.3.1.1. 15.1.3.1.2. 15.1.3.1.3.
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Annex E: Suggested worksheet for truss inspections; and 11.1.1.5. Annex F: Suggested worksheet for truss</li> </ul>	<ol> <li>Applica SANS 2 DEFER</li> <li>12.1</li> <li>12.2.</li> <li>12.3.</li> <li>12.4.</li> <li>12.5.</li> <li>12.6.</li> <li>12.7.</li> <li>12.8.</li> </ol>	<ul> <li>And the provided structural stepsilon of particulated on other initial cover strips.</li> <li>STRUCTURAL STEELWORK</li> <li>DOI-CS1 Construction Works: Structural steelwork: See Structural drawings Specification TO STRUCTURAL SPECIFICATION IN ALL CASES</li> <li>SUNDRY STEELWORK</li> <li>12.1.1 Hot-rolled weldable structural steel: Grade 350W SANS 1431</li> <li>12.2.2 Cold-formed structural steel: Commercial quality steel</li> <li>12.3.3 High tensile steel: Grade 50</li> <li>STRUCTURAL STEEL TUBES SANS 657 PART 1</li> <li>12.2.1. Coating: Galvanizing coating quality B to SANS 32 / Hot Dipped Galvanised to minimum specification of Z275 (HDGASA)</li> <li>12.2.2. Grade: See drawings</li> <li>12.2.3. Size, profile and wall thickness: See drawings</li> <li>STEEL TUBES FOR FURNITURE SANS 657 PART 4</li> <li>12.3.1. Material and grade: Stainless steel class A type 1 / 2, grade 304</li> <li>12.3.2. Size and wall thickness: see drawings</li> <li>12.3.3. Stainless steel finish: milled</li> <li>PESE CERTIFICATES</li> <li>Present supplier's test certificates when requested.</li> <li>SHOP DRAWINGS</li> <li>12.2.1. Airrange to have shop drawings prepared and submit for approval before any work is put in hand</li> <li>12.2.3. Corrosion protection to inspect steelwork at steel fabricator's works.</li> <li>PEEPINTINE</li> <li>12.4.1. Hisible welds continuous; grind smooth</li> <li>12.5.2. Corrosion protection of structural steel by paint or varnish SANS 15404, including supervision and execution of paint work in the workshop or on site: as agreed.</li> <li>PEEPAINTINE</li> <li>12.4.1. For approximation of structural steel by paint or varnish SANS 154054, including supervision and execution of paint work in the workshop or on site: as agreed.</li> <li>EA.1. For toging avanizing on fabricated iron and steel articles strictly as per HDGASA</li> <li>12.4.1. Hot ding galvanizing on fabricated iron and steel articles strictly as per HDGASA</li> <li>12.5.2. Specifications and test methods SANS 121/ISO 1461</li> <li>12.5.3. Ste</li></ul>	14. 15. film 15.1.	(open sp <u>WATER</u> INVOKEI SANS 10 WATERF 15.1.1. 15.1.2.	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	<ul> <li>9.6.4.6. Reference panels: not required</li> <li>Position of control and articulation joints: indicated on drawings and details Degree of accuracy if not II: I Frequency of testing strength mortar if not default: Every 50m<sup>3</sup></li> <li>ADDITIONAL CLAUSES: In the case of clay facing units, obtain from the manufacturer/supplier agreement on the following in writing: The required application e.g. type of building, finish etc.; The degree of exposure to weather conditions; Closeness to the sea etc.; Track record of the preferred brick in the area of the building; An undertaking or warranty that the bricks delivered will be fit for purpose; Colour expectations in the case of face bricks; The acceptable levels of breakage during delivery to site.</li> <li>PLASTERING:</li> <li>t: Use common portland cement complying with SANS 5-197-1 32,5 kN Type composition and strength to be displayed on bag or delivery slip. Keep bagged cement in a dry store, use old cement first, rejects clumped cement.</li> <li>Use only Natural sand for plastering to comply with SANS 1090. Fineness modulus: Between 1,18 -2,36mm for 70-90% of aggregates Dust component of maximum 7,5% Clay component of maximum 7,5% Sand must be free of all organic material. Display grading of sand clearly on delivery slip, Grading certificate will be required.</li> <li>Plaster to ratio 1:6 (Cement : Sand) to walls.</li> <li>Walls before application.</li> <li>e to sand mix to improve workability should it be required.</li> <li>sible deviation on accuracy would be 6mm under a 2m straight edge, in any direction Erection of Timber Trusses.</li> <li>11.1.1. Annex B: Quality verification of trusses and Roof Structures;</li> <li>11.1.2. Annex C: The use of Top Chord Bracing in various Roof configurations;</li> <li>11.1.1.3. Annex D: Alternative erection procedure for roof trusses between gable walls.</li> <li>11.1.1.4. Annex E: Suggested worksheet for truss inspections; and</li> <li>11.1.1.5. Annex F: Suggested worksheet for truss inspections;</li> <li>11.1.2. SAN</li></ul>	<ol> <li>Applica SANS 2 DEFER</li> <li>12.1</li> <li>12.2.</li> <li>12.3.</li> <li>12.4.</li> <li>12.5.</li> <li>12.6.</li> <li>12.7.</li> <li>12.8.</li> </ol>	<ul> <li>And the provide garteniaed on other interaction of the provided o</li></ul>	14. 15. film 15.1. acceptab fillets,	(open sp <u>WATER</u> INVOKEI SANS 10 WATERF 15.1.1. 15.1.2.	Linings 13.13.3.1. pace for ada <b>PROOFING</b> D STANDA 2 Annex C: 021: <b>PROOFING</b> Type: 15.1.2.1. [ 15.1.2.2. ] 15.1.2.3. [ 0 15.1.2.3. ] 0 Preparation 15.1.3.1. 5	Valley linings: steep slopes, or with roll 225 mm minimum; disch gutters. ding new text) 2 RDS : Note (supplement to The waterproof Waterproofing material f membrane similar as pe guarantee of 10 years and application: Polymer modified bitumen guarantee of 10 years and application: Polymer modified bitumen tayer for exposed surfac applications where shee paving, tiles etc, or as re manufacturer; seal laps overlaps Re-inforced liquid acrylic waterproofing compound rubberised bitumen, ped coats, i.e. primer, bed co top coats, or according to / see drawings Polyolefin sheet waterpr 0,375mm, applied in one and joints according to r on Screeds: 15.1.3.1.1. 15.1.3.1.2. 15.1.3.1.3.
	<ul> <li>9.6.4.6. Reference panels: not required</li> <li>Position of control and articulation joints: indicated on drawings and details Degree of accuracy if not II: 1</li> <li>Frequency of testing strength mortar if not default: Every 50m<sup>3</sup></li> <li>ADDITIONAL CLAUSES: <ul> <li>In the case of clay facing units, obtain from the manufacturer/supplier agreement on the following in writing:</li> <li>The required application e.g. type of building, finish etc.;</li> <li>The degree of exposure to weather conditions; Closeness to the sea etc.;</li> <li>Track record of the preferred brick in the area of the building;</li> <li>An undertaking or warranty that the bricks delivered will be fit for purpose; Colour expectations in the case of face bricks;</li> <li>The acceptable levels of breakage during delivery to site.</li> </ul> </li> <li> <b>PLASTEFING: t</b>: Use common portland cement complying with SANS 5-197-1 32,5 kN Type composition and strength to be displayed on bag or delivery slip. Keep bagged cement in a dry store, use old cement first, rejects clumped cement. Use only Natural sand for plastering to comply with SANS 1090. Fineness modulus: Between 1,18 -2,36mm for 70-90% of aggregates Dust component of maximum 2,5% Sand must be free of all organic material. Display grading of sand clearly on delivery slip, Grading certificate will be free or all organic material. Display grading of sand clearly on delivery slip, Grading certificate will be required. </li> <li> <b>Plaster to ratio 1:6</b> (Cement : Sand) to walls. <b>Exection of Timber Trusses. 11.1.1.</b> Annex B: Quality verification of trusses and Roof Structures; <b>11.1.1.2.</b> Annex C: The use of Top Chord Bracing in Various Roof configurations; <b>11.1.1.3.</b> Annex D: Alternative erection procedure for cof trusses between gable walls. <b>11.1.1.4.</b> Annex F: Suggested worksheet for truss inspections; and <b>11.1.1.5.</b> Annex F: Suggested worksheet for truss inspections; <b>11.1.1.6.</b> Annex F: Sugge</li></ul>	<ol> <li>Applica SANS 2 DEFER</li> <li>12.1</li> <li>12.2.</li> <li>12.3.</li> <li>12.4.</li> <li>12.5.</li> <li>12.6.</li> <li>12.7.</li> <li>12.8.</li> </ol>	Interest problem protection of the process of the p	14. 15. film 15.1. acceptab fillets,	(open sp <u>WATER</u> INVOKEI SANS 10 WATERF 15.1.1. 15.1.2.	Linings 13.13.3.1. pace for ada <b>PROOFING</b> D STANDA 2 Annex C: 021: <b>PROOFING</b> Type: 15.1.2.1. [ 15.1.2.2. ] 15.1.2.3. [ 0 0 0 15.1.2.3. ] 0 0 0 0 0 0 0 0 0 0 0 0 0	Valley linings: steep slopes, or with roll 225 mm minimum; disch gutters. ding new text) 2 RDS : Note (supplement to The waterproof Waterproofing material f membrane similar as pe guarantee of 10 years and application: Polymer modified bitumen guarantee of 10 years and application: Polymer modified bitumen tayer for exposed surfac applications where shee paving, tiles etc, or as re manufacturer; seal laps overlaps Re-inforced liquid acrylic waterproofing compound rubberised bitumen, re-in needle-punched polyest fabric with a mass of 129 coats, i.e. primer, bed co top coats, or according to / see drawings Polyolefin sheet waterpr 0,375mm, applied in one and joints according to r on Screeds: 15.1.3.1.1. 15.1.3.1.2. 15.1.3.1.3.
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ent:	<ul> <li>9.6.4.6. Reference panels: not required</li> <li>Position of control and articulation joints: indicated on drawings and details Degree of accuracy if not II:1 Frequency of testing strength mortar if not default: Every 50m<sup>3</sup></li> <li>ADDITIONAL CLAUSES: In the case of clay facing units, obtain from the manufacturer/supplier agreement on the following in writing: The required application e.g. type of building, finish etc.; Track record of the preferred brick in the area of the building; An undertaking or warranty that the bricks delivered will be fit for purpose; Colour expectations in the case of face bricks; The acceptable levels of breakage during delivery to site. PLASTERING: t: Use common portland cement complying with SANS 5-197-1 32,5 kN Type composition and strength to be displayed on bag or delivery slip. Keep bagged cement in a dry store, use old cement first, rejects clumped cement. Use only Natural sand for plastering to comply with SANS 1090. Fineness modulus: Between 1,18 - 2,36mm for 70-90% of aggregates Dust component of maximum 2,5% Sand must be free of all organic material. Display grading of sand clearly on delivery slip, Grading certificate will be required. Plaster to ratio 1:6 (Cement : Sand) to walls. walls before application. Intox and mix to improve workability should it be required. sible deviation on accuracy would be 6mm under a 2m straight edge, in any direction Exection of Timsers. 11.1.1. Includes: 11.1.1.2. Annex E: Quality verification of trusses and Roof Structures; 11.1.1.4. Annex E: Quality verification of trusses and Roof Structures; 11.1.1.4. Annex E: Suggested worksheet for truss inspections; and 11.1.2. Annex F: Suggested worksheet for truss inspections; and 11.1.2. Stress Graded sawn softwood structural Timber to comply with SANS 1783, of stress grade St minimum. 11.2.0 Order the timber size in which it must be used. 11.2.1. The drade mark must appear on ea</li></ul>	<ol> <li>Applica SANS 2 DEFER 12.1</li> <li>12.2.</li> <li>12.3.</li> <li>12.4.</li> <li>12.5.</li> <li>12.6.</li> <li>12.7.</li> <li>12.8.</li> </ol>	In the pender guide and the pender guide and be been that a series of the pender guide and the pender guide guide guide and the pender guide	14. 15. film 15.1. acceptab fillets,	(open sp <u>WATER</u> INVOKEI SANS 10 WATERF 15.1.1. 15.1.2. 15.1.3.	Linings 13.13.3.1. pace for ada PROOFING D STANDA 2 Annex C: 021: PROOFING Type: 15.1.2.1. f 15.1.2.2. f 15.1.2.3. f 0 Preparation 15.1.3.1. s 0 0 0 0 0 0 0 0 0 0 0 0 0	Valley linings: steep slopes, or with roll 225 mm minimum; disch gutters. ding new text) 2 RDS Note (supplement to The waterproof Waterproofing material f membrane similar as pe guarantee of 10 years and application: Polymer modified bitumen tapplications Polymer modified bitumen layer for exposed surfac applications where shee paving, tiles etc, or as re manufacturer; seal laps overlaps Re-inforced liquid acrylic waterproofing compound rubberised bitumen, re-in needle-punched polyest fabric with a mass of 12! coats, i.e. primer, bed co top coats, or according to / see drawings Polyolefin sheet waterpr 0,375mm, applied in one and joints according to r on Screeds: 15.1.3.1.1. 15.1.3.1.4. 15.1.3.1.4. 15.1.3.1.5. cove hori: 15.1.3.1.6.
	<ul> <li>9.6.4.6. Reference panels: not required</li> <li>Position of control and articulation joints: indicated on drawings and details Degree of accuracy if not II:1 Frequency of testing strength mortar if not default: Every 50m<sup>3</sup></li> <li>ADDITIONAL CLAUSES: In the case of clay facing units, obtain from the manufacturer/supplier agreement on the following in writing: The required application e.g. type of building, finish etc.; Track record of the preferred brick in the area of the building; An undertaking or warranty that the bricks delivered will be fit for purpose; Colour expectations in the case of face bricks; The acceptable levels of breakage during delivery to site.</li> <li>PLASTERING: t: Use common portland cement complying with SANS 5-197-1 32.5 kN Type composition and strength to be displayed on bag or delivery slip. Keep bagged cement in a dry store, use old cement first, rejects clumped cement. Use only Natural sand for plastering to comply with SANS 1090. 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Annex X: Suggested worksheet for truss inspections; 11.1.1.8. A</li></ul>	<ol> <li>Applica SANS 2 DEFER</li> <li>12.1</li> <li>12.2.</li> <li>12.3.</li> <li>12.4.</li> <li>12.5.</li> <li>12.6.</li> <li>12.7.</li> <li>12.8.</li> <li>12.8.</li> </ol>	<ul> <li>Nover strips.</li> <li>STRUCTURAL STEEL WORK</li> <li>201-651 Construction Works: Structural steelwork: See Structural drawings Specification TO STRUCTURAL SPECIFICATION IN ALL CASES</li> <li>SUNDRY STELWORK</li> <li>12.1.1 Hot-rolled weldable structural steel: Grade 350W SANS 1431</li> <li>12.1.2 Cold-formed structural steel: Commercial quality steel</li> <li>12.1.3 High tensile steel: Grade 50</li> <li>STRUCTURAL STEEL TUBES SANS 657 PART I</li> <li>12.2.1 Coating: Galvanizing coating quality B to SANS 32 / Hot Dipped Galvanised to minimum specification of 2275 (HDGASA)</li> <li>12.2.3 Size, profile and wall thickness: See drawings</li> <li>STEEL TUBES FOR FURNITURE SANS 657 PART 4</li> <li>12.3.1 Material and grade: Stainless steel class A type 1 / 2, grade 304</li> <li>12.3.2. Size and wall thickness: see drawings</li> <li>23.3 Size indices steel inish: milled</li> <li>TEST CERTIFICATES</li> <li>Present supplier's test certificates when requested.</li> <li>SPEEL TUBES on the shop drawings prepared and submit for approval before any work is put in hang</li> <li>12.5.2. Allow Principal Agent to inspect steelwork at steel fabricator's works.</li> <li>WEIDING</li> <li>12.6.1 Arrange to have shop drawings prepared and submit for approval before any work is put in hang</li> <li>12.5.2. Allow Principal Agent to inspect steelwork at steel fabricator's works.</li> <li>WEIDING</li> <li>12.6.1 Arrange to have shop drawings prepared and submit for approval before any work is put in hang</li> <li>12.6.2. Dress all cut edges and holes to remove dross, burrs and irregularities.</li> <li>MERPINING</li> <li>12.1.1 Arrange to have shop drawings prepared and submit for approval before any work is put prevision and execution of paint work in the workshop or on site: as agreed.</li> <li>MENON</li> <li>12.1.2. Corrosion protection of structural steel by paint or varnish SANS 1294.4. including supervision and execution of apint work in the workshop or on site: as agreed.</li> <li>23.8. Size ele sunfaces for priming by br</li></ul>	14. 15. film 15.1. acceptab fillets,	(open sp <u>WATER</u> INVOKEI SANS 10 WATERF 15.1.1. 15.1.2. 15.1.3. le 15.1.4.	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Patent outlets with remo diameter: 150mm Ø pre- manufacturer of waterpre- architect/principal agent in advance of installation procedures, quality cont that clarity may be reach
	<ul> <li>9.6.4.6. Reference panels: not required</li> <li>Position of control and articulation joints: indicated on drawings and details Degree of accuracy if not lt:1</li> <li>Frequency of testing strength mortar if not default: Every 50m<sup>3</sup></li> <li><b>ADDITIONAL CLAUSES:</b> In the case of clay facing units, obtain from the manufacturer/supplier agreement on the following in writing: The required application e.g. type of building, finish etc.; Track record of the preferred brick in the area of the building; An undertaking or warrany that the bricks delivered will be fit for purpose; Colour expectations in the case of face bricks; The acceptable levels of breakage during delivery to site. <b>PLASTERING: It</b> Use common portland cement complying with SANS 5-197-1 32,5 kN Type composition and strength to be displayed on bag or delivery slip. Keep bagged cement in a dry store, use old cement first, rejects clumped cement. 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Coating: Galvanizing coating quality to SANS 32 / Hot Dipped Galvanised to minimum specification of 2275 (HDGASA)</li> <li>12.2.3 Grade: See drawings</li> <li>STEL TUBES FOR FURNITURE SANS 657 PART 4</li> <li>12.3.1. Material and grade: Stainless stee drawings</li> <li>STEL TUBES FOR FURNITURE SANS 657 PART 4</li> <li>12.3.3. Stainless steel finish: milled</li> <li>TES CERTIFICATES</li> <li>Present supplier's test certificates when requested.</li> <li>SHOP DAWINGS</li> <li>12.5.2. Allow Principal Agent to inspect steelwork at steel fabricator's works.</li> <li>WELDING</li> <li>12.6.1. All visible welds continuous; grind smooth</li> <li>12.6.2. Corrosion protection of structural steel by paint or varish SANS 1024.</li> <li>12.7.9. Corrosion protection of structural steel by paint or varish SANS 1024.</li> <li>12.8.1. For any and holes to remove dross, burns and irregularities.</li> <li>PERPINTING</li> <li>12.1.1. Prepare steel surfaces for priming by brushing and blast cleaning SANS 1024.</li> <li>12.2.3. Steel composition: as gareed.</li> <li>MANS 1024.</li> <li>12.4.1. Or dig galvanizing on fabricated iron and steel atricles strictly as per HDGASA.</li> <li>12.8.2. Steel omposition: as gareed.</li> <li>2.8.3. Steel composition: as per structural drawings</li> <li>12.8.3. Steel omposition: as gareed.</li> <li>2.8.4. Nay special coating thicknesses: 2275 as minimum</li> <li>12.8.1. Hot dig galvanizing to the Dig SANS 121/ISO 1461</li> <li>12.8.2. Any special coating thicknesses: 2275 as minimum</li> <li>12.8.3. Any after treatments: None</li> <li>12.9.4. Dispective to be packaged: as agreed upon with contractor</li> <li>12.9.4. The burding superprise and maximum allowable s</li></ul></td><td>14. 15. film 15.1. acceptab fillets,</td><td>(open sp <u>WATER</u> INVOKEI SANS 10 WATERF 15.1.1. 15.1.2.</td><td>Linings 13.13.3.1. pace for add <b>PROOFING</b> <b>D STANDA</b> 2 Annex C: 021: <b>PROOFING</b> <b>Type:</b> 15.1.2.1. [ 15.1.2.2. ] 0 <b>Material a</b> 15.1.2.3. [ 0 <b>Material a</b> <b>Material a</b> <b>Materi</b></td><td>Valley linings: steep slopes, or with roll 225 mm minimum; disch gutters. ding new text) 2 RDS : Note (supplement to The waterproof Waterproofing material f membrane similar as pe guarantee of 10 years and application: Polymer modified bitumen guarantee of 10 years and application: Polymer modified bitumen tayer for exposed surfac applications where shee paving, tiles etc, or as re manufacturer; seal laps overlaps Re-inforced liquid acrylic waterproofing compound rubberised bitumen, re-in needle-punched polyest fabric with a mass of 129 coats, i.e. primer, bed co top coats, or according to / see drawings Polyolefin sheet waterpr 0,375mm, applied in one and joints according to r on Screeds: 15.1.3.1.1. 15.1.3.1.2. 15.1.3.1.3. 15.1.3.1.4. 15.1.3.1.5. cove hori: 15.1.3.1.6. Patent outlets with remo diameter: 150mm Ø pre- manufacturer of waterpra architect/principal agent in advance of installation procedures, quality cont that clarity may be reach example grooves, flashi procedures must be sign</td></li></ul>	<ol> <li>Applica SANS 2 DEFER</li> <li>12.1</li> <li>12.2.</li> <li>12.3.</li> <li>12.4.</li> <li>12.5.</li> <li>12.6.</li> <li>12.7.</li> <li>12.8.</li> <li>12.9.</li> </ol>	<ul> <li>STRUCTURAL STEEL WORK</li> <li>Difference Structural stepling gardinated bioderinities</li> <li>STRUCTURAL SPECIFICATION IN ALL CASES</li> <li>SUNDRY STEELWORK</li> <li>12.1.1 Hot-rolled weldable structural steel: Grade 350W SANS 1431</li> <li>12.2.2 Grade: See drawings</li> <li>STRUCTURAL STEEL TUBES SANS 657 PART 1</li> <li>12.2.1. Coating: Galvanizing coating quality to SANS 32 / Hot Dipped Galvanised to minimum specification of 2275 (HDGASA)</li> <li>12.2.3 Grade: See drawings</li> <li>STEL TUBES FOR FURNITURE SANS 657 PART 4</li> <li>12.3.1. Material and grade: Stainless stee drawings</li> <li>STEL TUBES FOR FURNITURE SANS 657 PART 4</li> <li>12.3.3. Stainless steel finish: milled</li> <li>TES CERTIFICATES</li> <li>Present supplier's test certificates when requested.</li> <li>SHOP DAWINGS</li> <li>12.5.2. Allow Principal Agent to inspect steelwork at steel fabricator's works.</li> <li>WELDING</li> <li>12.6.1. All visible welds continuous; grind smooth</li> <li>12.6.2. Corrosion protection of structural steel by paint or varish SANS 1024.</li> <li>12.7.9. Corrosion protection of structural steel by paint or varish SANS 1024.</li> <li>12.8.1. For any and holes to remove dross, burns and irregularities.</li> <li>PERPINTING</li> <li>12.1.1. Prepare steel surfaces for priming by brushing and blast cleaning SANS 1024.</li> <li>12.2.3. Steel composition: as gareed.</li> <li>MANS 1024.</li> <li>12.4.1. Or dig galvanizing on fabricated iron and steel atricles strictly as per HDGASA.</li> <li>12.8.2. Steel omposition: as gareed.</li> <li>2.8.3. Steel composition: as per structural drawings</li> <li>12.8.3. Steel omposition: as gareed.</li> <li>2.8.4. Nay special coating thicknesses: 2275 as minimum</li> <li>12.8.1. Hot dig galvanizing to the Dig SANS 121/ISO 1461</li> <li>12.8.2. Any special coating thicknesses: 2275 as minimum</li> <li>12.8.3. Any after treatments: None</li> <li>12.9.4. Dispective to be packaged: as agreed upon with contractor</li> <li>12.9.4. The burding superprise and maximum allowable s</li></ul>	14. 15. film 15.1. acceptab fillets,	(open sp <u>WATER</u> INVOKEI SANS 10 WATERF 15.1.1. 15.1.2.	Linings 13.13.3.1. pace for add <b>PROOFING</b> <b>D STANDA</b> 2 Annex C: 021: <b>PROOFING</b> <b>Type:</b> 15.1.2.1. [ 15.1.2.2. ] 0 <b>Material a</b> 15.1.2.3. [ 0 <b>Material a</b> <b>Material a</b> <b>Materi</b>	Valley linings: steep slopes, or with roll 225 mm minimum; disch gutters. ding new text) 2 RDS : Note (supplement to The waterproof Waterproofing material f membrane similar as pe guarantee of 10 years and application: Polymer modified bitumen guarantee of 10 years and application: Polymer modified bitumen tayer for exposed surfac applications where shee paving, tiles etc, or as re manufacturer; seal laps overlaps Re-inforced liquid acrylic waterproofing compound rubberised bitumen, re-in needle-punched polyest fabric with a mass of 129 coats, i.e. primer, bed co top coats, or according to / see drawings Polyolefin sheet waterpr 0,375mm, applied in one and joints according to r on Screeds: 15.1.3.1.1. 15.1.3.1.2. 15.1.3.1.3. 15.1.3.1.4. 15.1.3.1.5. cove hori: 15.1.3.1.6. Patent outlets with remo diameter: 150mm Ø pre- manufacturer of waterpra architect/principal agent in advance of installation procedures, quality cont that clarity may be reach example grooves, flashi procedures must be sign
ent: / Plavet v inssil	<ul> <li>9.6.4.6. Reference panels: not required</li> <li>Position of control and articulation joints: indicated on drawings and details</li> <li>Degree of accuracy in not lt:1</li> <li>Frequency of testing strength mortar if not default: Every 50m<sup>3</sup></li> <li>ADDITONAL CLAUSES:</li> <li>In the case of clay facing units, obtain from the manufacturer/supplier agreement on the following in writing:</li> <li>The required application e.g. type of building, finish etc.;</li> <li>The degree of exposure to weather conditions; Closeness to the sea etc.;</li> <li>Track record of the preferred brick in the area of the building;</li> <li>An undertaking or warranty that the bricks delivered will be fit for purpose;</li> <li>Colour expectations in the case of face bricks;</li> <li>The acceptable levels of breakage during delivery to site.</li> </ul> <b>PLASTERING: t</b> : Use common portland cement complying with SANS 5-197-132.5 kN <ul> <li>Type composition and strength to be displayed on bag or delivery slip. Keep bagged cement in a dry store, use old cement first, rejects clumped cement.</li> <li>Use only Natural sand for plastering to comply with SANS 1090. Fineness modulus: Between 1,18 - 2,36mm Ino 70-90% of aggregates Dust component of maximum 7,5% Clay component of maximum 2,5% Sand must be free of all organic material. Display grading of sand clearly on delivery slip. Grading certificate will be required. **********************************</li></ul>	<ol> <li>12.</li> <li>Applica SANS 2 DEFER</li> <li>12.1</li> <li>12.2.</li> <li>12.3.</li> <li>12.4.</li> <li>12.5.</li> <li>12.6.</li> <li>12.7.</li> <li>12.8.</li> <li>12.9.</li> </ol>	A cover strips.  STUCTURAL STEEL WORK  SINCE STATUS STRUCTURAL SPECIFICATION IN ALL CASES  SUNDRY STEEL WORK  12.1.1 Hot-rolled weldable structural steel: Grade 350W SAWS 1431 12.2.2 Grade for mercial quality steel 12.3 High tensile steel: Grade 50  STICUTURAL STEEL PUBERS ANX 657 PAR1 12.1.1 Hot-rolled weldable structural steel: Grade 350W SAWS 1431 12.2.2 Grade: See drawings 12.2.3 Size, profile and wall thickness: See drawings 12.3.3 Size and wall thickness: see drawings 12.3.3 Stainless steel finish: milled  FEC EXPERSIVENES Present supplier's test certificates when requested.  SHOP DRAWINGS 12.5.1 Arrange to have shop drawings prepared and submit for approval before any work is put in hand 12.5.2 Allow Principal Agent to inspect steelwork at steel fabricator's works.  FUENDE 12.6.1 Arrange to have shop drawings prepared and submit for approval before any work is put in hand 12.5.2 Allow Stripe and holes to remove dross, burrs and irregularities.  FUENDE 12.6.1 Arrange to have shop drawings nepared and submit for approval before any work is put in hand 12.6.2 Dress all cut edges and holes to remove dross, burrs and irregularities.  FUENDE 12.6.1 Arrange to fait facts for priming by brushing and blast cleaning SAWS 12944, incluing supervision and execution of paint work in the workshop or on site: as agreed.  EXAMN 10064. 12.8.1 Sheel composition: as per structural drawings 12.8.2 Speelfocations and test methods SANS 121/ISO 1461 12.8.3 Steel composition: as per structural drawings 12.8.4 Identification of isquificant surfaces: see drawings 12.8.5 Sample showing required finish: required as benchmark reference	14. 15. film 15.1. acceptab fillets,	(open sp <u>WATER</u> INVOKEI SANS 10 WATERF 15.1.1. 15.1.2.	Linings 13.13.3.1. pace for add PROOFING D STANDA 2 Annex C: 021: PROOFING Type: 15.1.2.1. 15.1.2.2. 0 Preparatic 15.1.3.1. 0 15.1.3.1. 15.1.2.3. 0 15.1.2.3. 15.1.2.3. 15.1.2.3. 15.1.3.1.	Valley linings: steep slopes, or with roll 225 mm minimum; disch gutters. ding new text) 2 RDS : Note (supplement to The waterproof Waterproofing material f membrane similar as pe guarantee of 10 years and application: Polymer modified bitume consisting of a polyester modified bitumen type S rubber modified bitumen layer for exposed surfac applications where shee paving, tiles etc, or as re manufacturer; seal laps overlaps Re-inforced liquid acrylic waterproofing compound rubberised bitumen, re-in needle-punched polyest fabric with a mass of 129 coats, i.e. primer, bed co top coats, or according to / see drawings Polyolefin sheet waterpr 0,375mm, applied in one and joints according to r on Screeds: 15.1.3.1.1. 15.1.3.1.2. 15.1.3.1.3. 15.1.3.1.4. 15.1.3.1.5. cover hori: 15.1.3.1.6. Patent outlets with remo diameter: 150mm Ø pre- manufacturer of installation procedures, quality cont that clarity may be reach example grooves, flashi procedures must be sign contractor and the manu General application
	<ul> <li>9.6.4.6. Reference panels: not required</li> <li>Position of control and articulation joints: indicated on drawings and details Degree of accuracy if not ll: 1</li> <li>Frequency of testing strength mortar if not default: Every 50m<sup>3</sup></li> <li>ADDITONAL CLAUSES: <ul> <li>In the case of clay facing units, obtain from the manufacturer/supplier agreement on the following in writing:</li> <li>The required application e.g. type of building, finish etc.;</li> <li>The degree of exposure to weather conditions; Closeness to the sea etc.;</li> <li>Track record of the preferred brick in the area of the building;</li> <li>An undertaking or waranty that the bricks delivered will be fit for purpose;</li> <li>Colour expectations in the case of face bricks;</li> <li>The acceptable levels of breakage during delivery to site.</li> </ul> </li> <li> <b>PLASTERINC: It</b>: Use common portland cement complying with SANS 5-197-132,5 kN <ul> <li>Type composition and strength to be displayed on bag or delivery slip. Keep bagged cement in a dry store, use old cement first, rejects clumped cement.</li> <li>Use only Natural sand for plastering to comply with SANS 1090.</li> <li>Fineness modulus: Between 1,18 -2,36mm for 70-90% of aggregates Dust component of maximum 7,5% <ul> <li>Card must be free of all organic material.</li> <li>Display grading of sand clearly on delivery slip, Grading certificate will be required.</li> <li>Walls before application.</li> <li>the to sand mix to improve workability should it be required.</li> <li>Bible deviation on accuracy would be 6mm under a 2m straight edge, in any direction for the use of configurations; and 11, 11, 4. Annex E: Quality verification of trusses and face for truss inspections; and 11, 11, 4. Annex E: Suggested worksheet for truss inspections; and 11, 11, 4. Annex E: Suggested worksheet for truss inspections; and 11, 11, 4. Annex E: Suggested worksheet for truss inspections; and 11, 11, 4. Annex E: Suggested worksheet for truss inspections; and 11, 11, 4. Annex E:</li></ul></li></ul></li></ul>	<ol> <li>Applica SANS 2 DEFER</li> <li>12.1</li> <li>12.2.</li> <li>12.3.</li> <li>12.4.</li> <li>12.5.</li> <li>12.6.</li> <li>12.7.</li> <li>12.8.</li> <li>12.9.</li> </ol>	cover strips.         STRUCTURAL STEEL WORK         bits standad         001-GS1 Construction Works: Structural steel: Grade 350W SANS 1431         12.1.1         Colspan="2">Colspan="2" <colspan="2"<colspan="2"<colspan="2"<colspan="2"<colspan="2"<colspa< td=""><td>14. 15. film 15.1. acceptab fillets,</td><td>(open sp <u>WATER</u> INVOKEI SANS 10 WATERF 15.1.1. 15.1.2. 15.1.3. le 15.1.4.</td><td>Linings 13.13.3.1. pace for add PROOFING D STANDA 2 Annex C: 021: PROOFING Type: 15.1.2.1. f ( 15.1.2.2. f ( 15.1.2.3. f ( 15.1.2.3. f ( 15.1.2.3. f ( 15.1.2.3. f ( 15.1.3.1. f ( 15.1</td><td>Valley linings: steep slopes, or with roll 225 mm minimum; disch gutters. ding new text) <b>2</b> <b>RDS</b> : Note (supplement to The waterproof Waterproofing material f membrane similar as pe guarantee of 10 years <b>ind application:</b> Polymer modified bitumen consisting of a polyester modified bitumen type S rubber modified bitumen layer for exposed surfac applications where shee paving, tiles etc, or as re manufacturer; seal laps overlaps Re-inforced liquid acrylic waterproofing compound rubberised bitumen, re-in needle-punched polyest fabric with a mass of 12/ coats, i.e. primer, bed co top coats, or <i>according to r</i> <b>on</b> Screeds: 15.1.3.1.1. 15.1.3.1.2. 15.1.3.1.3. 15.1.3.1.4. 15.1.3.1.5. <b>cover</b> horiz and joints according to r <b>on</b> Screeds: 15.1.3.1.6. 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ent: / Pla vet v Lime	<ul> <li>9.6.4.6. Reference panels: not required</li> <li>Position of control and articulation joints: indicated on drawings and details</li> <li>Degree of accuracy if not II: I</li> <li>Frequency of testing strength mortar if not default: Every 50m<sup>3</sup></li> <li><b>ADDITONAL CLAUSES:</b> <ul> <li>In the case of clay facing units, obtain from the manufacturer/supplier agreement on the following in writing:</li> <li>The required of exposure to weather conditions; Closeness to the sea etc.; Track record of the preferred brick in the area of the building; Track record of the preferred brick in the area of the building.</li> <li>An undertaking or warrany that the bricks delivered will be fit for purpose; Colour expectations in the case of face bricks;</li> <li>The acceptable levels of breakage during delivery to site.</li> </ul> </li> <li><b>PLASTERING: t</b>: Use common portland cement complying with SANS 5-197-1 32,5 kN Type composition and strength to be displayed on bag or delivery silp. Keep bagged cement in a dry store, use old cement first, rejects clumped cement. Use only Natural sand for plastering to comply with SANS 1090. Fineness modulus: Between 1,18 - 2,36mm for 70-90% of aggregates Dust component of maximum 2,5% Clay component of maximum 7,5% Sand must be free of all organic material. Display grading of sand clearly on delivery slip, Grading certificate will be required. sibe deviation on accuracy would be 6mm under a 2m straight edge, in any direction <b>STRUCTURAL TIMBER INVOKED STANDARDS:</b> SANS 10243 The Design, Manufacture and Root Structures; 11.1.1. Annex B: Quality verification of trusses and Root Structures; 11.1.1. Annex B: Quality verification of trusses. 11.1.1.1.1.1.1.1.2. Annex C: The use of Top Chord Bracing in writes in which it must be used. 11.1.1.2. SANS 1090:2004 Monoplanar prefabricated timber roo truss (raip plated), includes Annex B Quality verification; Annex C Storage, transportation and</li></ul>	<ol> <li>12.</li> <li>Applica SANS 2 DEFER</li> <li>12.1</li> <li>12.2.</li> <li>12.3.</li> <li>12.4.</li> <li>12.5.</li> <li>12.6.</li> <li>12.7.</li> <li>12.8.</li> <li>12.9.</li> <li>12.10.</li> </ol>	A cover strips.  STUCTURAL STEELWORK  Section  STATUS  STUCTURAL SPECIFICATION IN ALL CASES  SUNDRY STEELWORK  12.1.1 Hot-rolled weldable structural steel: Grade 350W SANS 1431 12.1.2 Colding: Saturating structural steel: Commercial quality steel 12.1.3 High tensile structural steel: Commercial quality steel 12.1.3 High tensile steel: Grade 50  STUCTURAL STEEL TUBES SAN 657 PART1 12.2.1. Coating: Galvanzing coating quality B to SANS 32 / Hot Dipped Galvanised to minimum specification of 2275 (HDGASA) 12.2.2 Grade: See drawings 12.2.3 Size, profile and wall thickness: See drawings 12.3.3 Size, profile and wall thickness: See drawings 12.3.3 Size and wall thickness: see drawings 12.3.4 Upper the stoentificates when requested. 12.3.4 Upper thickness for priming by brushing and blast cleaning 12.5.1 All visible welds continuous; grind smooth 12.6 Upper State Continuous; grind smooth 12.6 Upper State State Continuous; grind smooth 12.6 Dress all cut edges and holes to remove dross, burs and irregularities. 12.7 Ocrosion protection of structural steel by paint or varnish SANS 10064. 12.8 Size edifications and test methods SANS 121/ISO 1461 12.8.3 Steel composition: as per structural drawings 12.8.4 Any special conterts: Prost galvanising own discoraged 12.8.9 Gertificate or compliance: Galvanising Certificate on all supplied steel 13.9 After reatments: Note 14.9 Any special conterts: Prost galvanising work discoraged 13.9 Certificate of compliance: Galvanising work discoraged 13.9 Certificate of compliance: Galvanising work discoraged 13.9 After reatments: Prost galvanising work discoraged 13.9 Certificate Preparation and Application of Organic Coatings to New, Un	14. 15. film 15.1. acceptab fillets,	(open sp <u>WATER</u> INVOKEI SANS 10 WATERF 15.1.1. 15.1.2. 15.1.3. le 15.1.4.	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STRUCTURAL STEEL WORK           Die standard           001-CS1 Construction Works: Structural steelwork: See Structural drawings Specification TO STRUCTURAL SPECIFICATION IN ALL CASES           SUNDRY STEEL WORK           12.1.1         Horholled weldable structural steel: Commercial quality steel           12.3.3         High tensile steel: Grade 50           STRUCTURAL STEEL TUBES SANS SS7 PART 1           12.3.1         High tensile steel: Grade 50           STRUCTURAL STEEL TUBES SANS SS7 PART 1           12.3.2         Grade: See drawings           12.3.3         Size, profile and wall thickness: See drawings           12.3.3         Size profile and wall thickness: See drawings           12.3.3         Sizalniess steel finish: milled           TEST CERTIFICATES         Present supplier's test certificates when requested.           SHOP DRAWINGS         12.1.1           12.5.1         Altore bring work is put in hand           12.5.2         Corrosion protection of structural steel by paint or varishs SANS 10064.           12.6.1         All visible welds continuous: grind smooth the workshop or on site: as agreed.           CMUNDING         12.3.1           12.4.1         Prepare steel surfaces for priming by brushing and blast cleaning SANS 10364.           12.5.2         Corrosion protecti	14. 15. film 15.1. acceptab fillets,	(open sp <u>WATER</u> INVOKEI SANS 10 WATERF 15.1.1. 15.1.2. 15.1.3. le 15.1.4.	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