

			GRADE-R & STUDENT CLASSROOMS				ABLUTIONS		LIBRARY		SECURITY HOUSE		ADMINISTRATION										NUTRITION CENTRE						OUTDOOR AREAS																				
			GRADE-R CLASS	STORE	SICK BAY	KITCHEN	VERANDAH	VERANDAH	DISABLED	BOYS TOILET	GIRLS TOILET	LIBRARY - STORE RM	LIBRARY	SECURITY HOUSE		PRINCIPAL	PRINT ROOM	STRONG ROOM	STOCK / STORE ROOM		SICK ROOM 1	SICK ROOM 2	KITCHEN	STAFF ROOM	PASTORAL CARE ROOM	ENTRANCE FOYER	PASSAGE	RECEPTION AND GENERAL OFFICE	DEPUTY PRINCIPAL		VERANDAH	KITCHEN	DAY STORE	DRY BULK STORE	VEG. STORE	GOODS ARRIVAL YARD	REFUSE YARD	SCULLERY	DINING ROOM		WALKWAYS	PARKING	PLAY AREAS	GARDENS	VERANDA				
FLOOR & FLOOR FINISH	1	TERMITE POISON	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉		☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	1	TERMITE POISON: Treat ground under all internal & external walls, concrete beds and reinforced concrete slabs with poison as per clause 2.13 of specification OOG-001E with 50mm sand over poison.		
	2	75MM CONCRETE SURFACE BED	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉		☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	2	75mm CONCRETE SLAB: cast on 250 micron polithene damp proof membrane (as per clause 7.2 of specification OOG-001E), all side overlaps sealed with approved contact adhesive on 50mm sand on approved filling. 15MPA		
	3	STEEL FLOAT SCREED	☉	☉	☉				☉	☉	☉	☉	☉	☉	☉		☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉				☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	3	Min. 25mm steel floated screed with saw cut joints as per engineers detail and specification.		
	4	INSITU - CONCRETE SCREED					☉	☉					☉	☉	☉																☉												☉	4	60mm to 90mm brush finished screed on panels not exceeding 9m square, with edges smoothed with a corner tool, on 85mm concrete floor slab				
	5	POLYURETHANE - EPOXY				☉																		☉								☉	☉	☉	☉										5	4mm POLYURETHANE EPOXY FLOOR coating on min. 25mm self leveling screed, to manufacturers specifications and instructions. 5 year product guarantee			
	6	CERAMIC TILES																																											6	300x300mm non-slip full body CERAMIC TILES on screed to Architect's approval. All grouting joints to be continuous in both directions. Lay expansion joints to manufacturers recommendations and instructions.			
	7	VINYL TILES	☉	☉	☉								☉	☉	☉		☉	☉		☉	☉	☉		☉	☉	☉	☉	☉	☉	☉															7	300x300x2.5mm SEMI FLEXIBLE VINYL FLOOR TILES: allow for two colour pattern on 3:1 cement screed with total thickness of 35mm in admin block and 25mm in classroom blocks, laid according to manufacturers spec and architects approval. Apply 2 coats approved floor dressing.			
	8	TRANSITION STRIP																																											8	40mm High Brass or Aluminium TRANSITION STRIP built into screed between Vinyl tiles and carpet			
	9	MERANTI SKIRTING BOARD	☉	☉	☉								☉	☉	☉		☉	☉	☉	☉	☉	☉		☉	☉	☉	☉	☉	☉	☉						☉									9	19x76mm MERANTI SKIRTING BOARD: with 19mm quarter round nailed to wall. All nails to be punched and filled. Finish with 2 coats clear eggshell polyurethane varnish.			
	10	COMPACTED FILL																																												10	COMPACTED FILL: minimum 3 layers fill compacted to Engineers specifications. Lay 50mm sand blinding before laying concrete pavers.		
	11A	PRECAST CONC. PAVING BLOCKS																																				☉								11A	PRECAST CONCRETE PAVING BLOCKS: Courtyards = Infraset Masonique, Walkways = Infraset Cottagestone		
11	PRECAST CONCRETE BENCHES																																								☉	☉			11	PRECAST CONCRETE BENCHES: Infraset Embankment Seating System			
WALLS	13	FACE BRICK IN STRETCHER BOND -INTERNAL DADO	☉	☉	☉							☉	☉																																		13	FACEBRICK IN STRETCHER BOND: with all joints and perpends to be 6mm square deep recessed.	
	14	PLASTER AND PAINT (PVA)	☉	☉	☉				☉	☉	☉	☉	☉	☉	☉		☉	☉	☉	☉	☉	☉		☉	☉	☉	☉	☉	☉	☉						☉											14	PLASTER AND PAINT: 1 Coat plaster and 1 coat acrylic PVA suitable for washing with a mild detergent and with a mat finish. Apply at 10m square per liter spread rate. Undercoat: Provide 1 coat alkaline resistant 100% pure acrylic fillercoat. Spread rate 6m square per liter.	
	15	PLASTER AND PAINT (Eggshell)				☉																		☉								☉	☉	☉	☉	☉												15	PLASTER AND PAINT: All walls finished with one coat plaster and painted with one coat alkaline resistant primer, one universal undercoat and two coats eggshell enamel paint.
	16	SPLASH BACK TILES			☉															☉	☉																										16	WHITE GLAZED TILES: Three rows above unit, with returns where applicable.	
17	CEMENT BAGGED																																														17	CEMENT BAGGED: stock brickwork with joints and perpends flushed up solid, cement bagged and painted with one universal undercoat and one coat acrylic PVA suitable for washing.	
CILLS	18	INTERNAL CILL	☉	☉	☉	☉			☉	☉	☉	☉	☉	☉		☉	☉		☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉		☉	☉	☉	☉				☉									18	170 x 15mm fibre cement window cills fixed with galvanized fixing lugs @ 400centres. cills to be painted with undercoat & 2 coats enamel.
	19	6.4mm GYPSUM CEILING	☉	☉	☉							☉	☉	☉	☉		☉	☉		☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉						☉											19	6m FIBRE CEMENT: as described on roof plan. Finish: two coats "semi-gloss" PVA of approved colour to comply with SABS 634 "Co-polymer" or equivalent standard. Treat all nails & joints with one primer coat. Brandering as described on roof plan.	
CEILINGS	20	6m FIBRE CEMENT				☉																										☉	☉	☉	☉													20	RE-INFORCED CEILING: 6.4mm Fibre Cement Ceiling Boards finished as per Item #18.
	21	CEILING TRAP DOOR	☉												☉													☉																				21	600x600 CEILING TRAP DOOR: as per roof plan. Finish with 1 universal undercoat and two coats eggshell enamel paint to comply with SABS 630 type 2 or equivalent standard. Colour as for ceiling. See roofplan.
	22	CEILING INSULATION	☉	☉	☉	☉						☉	☉	☉	☉		☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉					☉												22	130mm thick polyester and foil blanket insulation installed to manufacturer's installation specifications.	
	23	PLASTER AND PAINT	☉	☉	☉	☉						☉	☉	☉	☉		☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉					☉												23	PLASTER AND PAINT: 1 Coat plaster and 1 coat acrylic PVA suitable for washing with a mild detergent and with a mat finish. Apply at 10m square per liter spread rate. Undercoat: Provide 1 coat alkaline resistant 100% pure acrylic fillercoat. Spread rate 6m square per liter.	
	24	MERANTI CORNICE	☉	☉	☉	☉						☉	☉	☉	☉		☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉					☉												24	19x50mm MERANTI CORNICE: Laid flat and finished with 1 universal undercoat and 2 coats enamel paint. Meranti and quater pounds at beams.	

QUANTITIES AS PER PLAN

			ADMIN.		EDUCATION SPACE		ABLUTIONS					
DRY SCHOOLS ONLY			ADMIN. SPACE KITCHEN	ADMIN. SPACE SICK ROOM	GRADE-R CLASS KITCHEN	GRADE-R CLASS SICK ROOM	NUTRITION CENTER KITCHEN / SCULLERY	STAFF ABLUTION	MALE ABLUTION	FEMALE ABLUTION	GRADE R ABLUTION	
SANITARY FITTINGS	SF 1	STANDARD WC						☉	☉	☉		Moulded polyethylene pedestal with incorporated seat & flap, size 387x518H with foot piece and VIP 200 inlet funnel.
	SF 2	URINAL						☉	☉			Flat back wall mounted stainless steel urinal with built in tipping tank and adjustable drip cock. Lengths between 640mm & 1830mm, to suit plans.
	SF 3	WHITE GLAZED PORCELAIN WHB	☉		☉	☉						Hibiscus, 510x430mm vitreous enamel whb 2x bolted to wall - colour white.
	SF 4	POLYETHYLENE WHB (GRADE R TOILETS)									☉	510x430mm polyethylene wash hand basin bolted to wall. Colour - granite grey. One tap to each basin - taps specified elsewhere.
	SF 5	SINK UNIT	☉		☉		☉					1200mm long Stainless steel single bowl drop in sink unit, complete with drain and rubber trap.
	SF 6	LABORATORY BASIN										Laboratory sink, without overflow & with center end waste outlet. To be used with acid resistant waste. Fixed under counter top.
	SF 7	EXTERNAL CONCRETE TROUGH						☉	☉	☉		Precast concrete double compartment wash tub complete with outlets & pedestal. Size 1050x650x340mm deep. Two taps per unit as specified elsewhere.
	SF 8	WASH TROUGH (SCULLERY)					☉					2 x 700x470mm polyethylene wash trough bolted to wall - colour - granite grey.
	SF 9	GRADE R WC									☉	Moulded polyethylene with incorporated seat and flap. Bambi long drop c/w flap.
TAPS	T1	TAPS - FOR CONCRETE TROUGHS AND POLYETHYLENE WASH BASINS						☉	☉	☉	☉	Standard brass wall mounted metering spout
	T2	TAPS - FOR PORCELAIN WASH BASINS	☉		☉	☉						111-15-cp pillar tap - cold water only.
	T3	TAPS - LABORATORY SINKS										Capstan css 115/044 swan neck swivel sink mixer - cold water only.
	T4	TAPS - KITCHEN SINKS	☉		☉	☉						Sink mixer, 2x ½ female iron 400mm long flexible hoses.
	T5	TAPS - SCULLERY SINKS					☉					Sink mixer ½ heavy pattern, low resistance head part for low pressure or high water demand installations.
	T6	TAPS - FOR PARAPLEGIC BASINS									☉	503-21B elbow action pillar tap
ACCESSORIES	AC 1	MIRRORS		☉		☉		☉	☉	☉	☉	600 x 400 silver backed mirror fixed with dome head screws.
	AC 2	ROLL HOLDER						☉	☉	☉	☉	Standard single toilet roll holder plugged & screwed to wall.
	AC 3	HELPING HAND HARDWARE									☉	Stainless steel grab rails - 32 Dia. - 1x Dogleg side rail with center flange. 1x 750mm long back rail.
	AC 4	HYDROBOIL WATER HEATER	☉		☉		☉					Specifications.

SANITARY/ PLUMBING/ DRAINAGE NOTES:
ALL WASTE DRAINAGE MANAGEMENT TO BE DONE BY CIVIL ENGINEER AND TO BE COORDINATED BY ARCHITECT.

FIRE SIGNAGE - SABS STAMPED 304x150mm SILKSCREEN ON PVC									
ICON	CODE	DESCRIPTION	ADMIN	GRADE-R	LIBRARY	2x,3x,4x CLASSROOMS	NUTRITION CENTER		SECURITY
			QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
	F16 & F19	BOTH SIDES TO BE: 150x34mm SILKSCREEN on PVC Sign to be Hung to ceiling	2	1	1	1	3		1
	F13	150x34mm SILKSCREEN on PVC Sign to be Fixed to wall 40mm above opening	4	1	1	1	2		1
	E3	150x34mm SILKSCREEN on PVC Sign to be Fixed to wall 40mm above opening	2	1	1	1	3		1

NOTES:

GENERAL DRAWING NOTES

- THE DESIGN ON THIS DRAWING IS COPYRIGHT AND REMAINS THE PROPERTY OF THE ARCHITECTS.
- ALL WORK TO BE CARRIED OUT STRICTLY IN ACCORDANCE WITH MUNICIPAL REGULATIONS.
- DRAWINGS NOT TO BE SCALED, ONLY ANNOTATED DIMENSIONS TO BE USED.
- ALL RELEVANT DATUM, LEVELS, DIMENSIONS TO BE CHECKED ON SITE BEFORE COMMENCEMENT OF WORK.
- ALL DRAWINGS ARE TO BE CHECKED BY THE MAIN CONTRACTOR AND ANY DISCREPANCIES ON THE DRAWINGS OR BETWEEN THE DRAWINGS ARE TO BE REFERRED TO THE ARCHITECT.
- CONTRACTOR TO CHECK ALL QUANTITIES PRIOR TO ORDERING AND MANUFACTURE.
- CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR APPROVAL BY ARCHITECT PRIOR TO MANUFACTURE.

NOTES FOR ELECTRONIC DRAWINGS

- THIS DRAWING MAY BE ISSUED ELECTRONICALLY.
- THIS DRAWING CONTAINS EXTERNAL REFERENCES (XREFS) WHICH SHOULD BE BOUND INTO THE DRAWING PRIOR TO ISSUE, PLEASE REFER ALSO TO REVISION NOTES ON THESE DRAWINGS.

REFERENCE DRAWING

NO.	DRAWING NUMBER	DESCRIPTION
01	1029-020-0001-REV 4	SITE DEVELOPMENT PLAN
02	1029-020-0100-REV 00	CL2_D - CLASSROOM
03	1029-020-0101-REV 00	4B - ABLUTION
04	1029-020-0102-REV 00	2M2F1D - ABLUTION
05	1029-020-0103-REV 00	6G - ABLUTION
06	1029-020-0104-REV 00	3R_1T - ABLUTIONS
07	1029-020-0105-REV 00	DNC_D - NUTRITION CENTER
08	1029-020-0106-REV 00	CL7 & 2x CL2 FLOOR PLANS & ROOF PLANS

REVISION

NO.	DATE	REVISION	REV. BY
LODEMANN HOLDINGS SIGNATURES			
DRAWN BY	S. SHAMIN	SIGNATURE	DATE
ENGINEER	M. BHENGU		07/06/2019
PROJECT MANAGER	C. NHLANGOTHI		07/06/2019

CLIENT DEPARTMENT SIGNATURES

FACILITY STAMP

FACILITY MANAGER

INFRASTRUCTURE MANAGER

GENERAL MANAGER

Checked by Professional Consultant

Name

Signature

Date



LODEMANN



NORT